

SAXON COAL LIMITED
VOLUME IV
APPENDIX IV

DESCRIPTIVE LOGS

MINING RECORDER RECEIVED and RECORDED
JAN 13 1978
M.R. #..... VICTORIA, B. C.

Notes Relating to Information
Presented on Drill Holes Summary Sheets

- a) 7609 and 7620 drill holes were deepened during the 1977 exploration programme. The descriptive logs for those parts of the core drilled in 1976 are to be found in Appendix X of the 1976 Data Summary for Saxon Coal Limited.

- b) The true thickness which defines a mining section is one metre for areas where the dip of the seam is less than or equal to 30° . For dips greater than 30° the true thickness of the seam must be at least 1.5 metres.

Thicknesses appearing in brackets are not mining thicknesses and are present only to show values used for isopach control.

SAXON PROJECT (SAXON EAST)

HOLE NO. SD 7609 BEARING 0400 ANGLE 60° TOTAL DEPTH 307.33
COORDINATES 6021839.2 N 690787.4 E COLLAR ELEVATION 1240.9

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: Hole deepened from 1976 - no further mineable sections intersected

True Thickness
of Mining Section: _____ Coal _____ Coal _____
Rock _____ Rock _____

Core Recovery: _____% _____%

INTERSEAM THICKNESS:

Seam No: _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness
of Mining Section: _____ Coal _____ Coal _____
Rock _____ Rock _____

Core Recovery: _____% _____%

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness
of Mining Section: _____ Coal _____ Coal _____
Rock _____ Rock _____

Core Recovery: _____% _____%

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness
of Mining Section: _____ Coal _____ Coal _____
Rock _____ Rock _____

Core Recovery: _____% _____%

INTERSEAM THICKNESS:

DEEPENING

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7609 SHEET No: 1
 DATE BEGUN: 10/3/77 DEPTH: 307.85 m. BEARING: U.T.M.:
 DATE FINISHED: 14/3/77 ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:
 LAT.: HOLE ANGLE: 60° LOGGED BY: PALLOKS CORE SIZE: HQ



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
25°	197.51	199.03	1.52				Siltstone	grey argillaceous, sandy		
						653'/199.03				
		200.51	1.48					as above		
						658'/200.56				
		201.57	1.06					as above		
								TOP OF BOX 2		
		201.78	0.21					as above		
						663'/202.08				
	201.78	202.49	0.71				Claystone	dark carbonaceous some coal streaks, at top silty		
	202.49	203.27	0.78				Sandstone	grey, fine to medium grained, arg.		
						668'/203.61				
		203.35	0.08				Sandstone	medium grey, medium grained		
	203.35	204.18	0.83				Siltstone	grey, arg., at base carb.		
	204.18	204.88	0.70				Coal	mixed dull and bright		
						673'/205.13				
		205.12	0.24				Coal	pulverized		
	205.13	205.33	0.21				Claystone	dark grey, carb.		
								TOP OF BOX 3		
		205.74	0.41					as above		
	205.74	206.21	0.47				Sandstone	grey medium grained arg.		
						678'/206.65				
		207.73	1.52				Sandstone	medium grey, medium grained, massive		
						683'/208.18				
		209.21	1.48					as above		
						688'/209.70				
		209.47	0.26					as above		
								TOP OF BOX 4		
20°		210.79	1.32					as above		
						693'/211.23				
		212.28	1.49					as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7609 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						698'/212.75			
		213.82	1.54			Sandstone	medium grey medium grained massive near base a few coal streaks, at base a few pebbles		
						703'/214.27	<u>TOP OF BOX 5</u>		
		215.27	1.45			Sandstone	grey, fine to medium grained, arg.		
						708'/215.80			
		216.87	1.60				as above, at top 1 cm grit		
						713'/217.32			
		218.22	1.35			Sandstone	grey, fine to medium grained, arg., some calcite veins		
						718'/218.85	<u>TOP OF BOX 6</u>		
		219.85	1.63				as above		
						723'/220.37			
		221.38	1.53				as above		
						728'/221.89			
		222.31	0.93			Sandstone	grey, fine grained arg., massive, with calcite filled joints and fractures		
							<u>TOP OF BOX 7</u>		
		223.05	0.74				as above		
						733'/223.42			
		224.63	1.58				as above		
						738'/224.94			
		226.18	1.55				as above		
						743'/226.47	<u>TOP OF BOX 8</u>		
25°		227.63	1.45			Sandstone	grey fine grained, arg., massive some calcite veins		
						748'/227.99			
		228.99	1.36				as above		
						753'/229.51			
		230.50	1.51				as above		
						758'/231.04			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7609 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
		232.04	1.54				Sandstone grey, fine grained, arg., massive, a few calcite veins		
						763'/232.56			
		233.57	1.53				as above		
						768'/234.09			
		234.86	1.29				as above		
							TOP OF BOX 10		
		235.32	0.46				Sandstone grey, fine grained, arg., massive, calcite filled fractures, core broken		
						773'/235.61			
		236.87	1.55				as above		
						778'/237.13			
		238.40	1.53				Sandstone grey, fine grained arg., massive a few calcite veins near top 23 cm. dark claystone layer		
						783'/238.66			
		238.94	0.54				as above		
							TOP OF BOX 11		
		241.04	2.10				Sandstone grey, fine grained, arg., massive, with shale layers near base		
						793'/241.71			
		242.67	1.63				Sandstone grey fine grained, arg., with shale layers		
						798'/243.23			
20°		243.04	0.37				as above		
							TOP OF BOX 12		
		244.21	1.17				as above		
		244.75	0.54				Core loss		
						803'/244.75			
							GATES MOOSEBAR		
	244.75	246.30	1.55				Siltstone grey with shale layers		
						808'/246.28			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7609 SHEET No: 4

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
		247.87	1.57				Siltstone grey, with shale layers		
						813' / 247.80	TOP OF BOX 13		
		249.42	1.55				as above		
						818' / 249.33			
		250.95	1.53				as above		
						823' / 250.85			
		252.07	1.12				as above		
							TOP OF BOX 14		
		252.56	0.49				as above		
						828' / 252.37			
		254.09	1.53				as above, base sandy		
						833' / 253.90			
	254.09	254.65	0.56				Sandstone grey, fine grained, arg.		
	254.65	255.50	0.85				Shale dark grey, silty		
						838' / 255.42			
	255.50	255.98	0.48				Sandstone grey, fine grained, arg		
							TOP OF BOX 15		
	255.98	256.47	0.49				Shale dark grey, silty		
						841' / 256.34			
		258.03	1.56				as above		
						846' / 257.86			
		259.45	1.42				as above		
						851' / 259.38			
18°		260.20	0.75				as above, some siltstone bands, slickensided		
							TOP OF BOX 16		
		261.06	0.86				Shale dark grey, alternating with siltstone layers and sandstone bands		
						856' / 260.91			
		261.96	0.90				as above		
						859' / 261.82			
		263.56	1.60				as above		
						864' / 263.35			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7609 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
		264.27	0.71				Shale	dark grey, alternating with siltstone layers and sandstone bands		
							<u>TOP OF BOX 17</u>			
22°		265.16	0.89			869' / 264.87		as above		
		266.64	1.48			874' / 266.39		as above		
		268.08	1.44			879' / 267.92	Shale	dark grey, a few siltstone bands		
		268.37	0.29				Shale	dark grey		
							<u>TOP OF BOX 18</u>			
		269.73	1.36			884' / 269.44		as above		
		271.20	1.47			889' / 270.97		as above with sandstone layers at base		
24°	271.20	272.66	1.46				Sandstone	grey, fine grained, with shal layers		
							<u>TOP OF BOX 19</u>			
		272.66	272.71	0.05		894' / 272.49	Shale	dark grey		
		274.18	1.47			899' / 274.02	Shale	dark grey, with siltstone and sandstone layers		
		275.69	1.51			904' / 275.54		as above		
		276.86	1.17					as above		
							<u>TOP OF BOX 20</u>			
		277.14	0.28			909' / 277.06	Shale	dark grey		
		278.70	1.56					as above		
						914' / 278.59		as above		
		280.18	1.48			919' / 280.11		as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7609 SHEET No: 6

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	281.00	0.82					Shale dark grey		
	281.74	0.74					as above		
	282.95	1.21			924'	281.64	as above		
	284.53	1.58			929'	283.16	as above		
	285.14	0.61			934'	284.68	as above		
	286.16	1.02			939'	286.21	as above		
	287.74	1.58			944'	287.73	as above		
	289.27	1.53			949'	289.26	as above		
	289.37	0.10					as above		
	290.79	1.42					as above		
	292.32	1.53			954'	290.78	as above		
	293.58	1.26			959'	292.30	as above		
	293.93	0.35					as above		
	295.29	1.36			964'	293.83	as above		
	296.89	1.60			969'	295.35	as above		
	297.84	0.95			974'	296.88	as above		
							as above		
							TOP OF BOX 23		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: _____ SHEET No: _____
 DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
31 ⁰	364.23	365.08	0.85				Siltstone	dark grey, sandy with many sandstone phases, occasional calcite veins		
	365.08	366.52	1.44				Silty claystone	dark grey, carbonaceous at base, calcite veins occasionally		
						1203'	366.67			
	366.52	367.85	1.33				Claystone	carbonaceous, black, plant fragments, silty phases, occasional polished fractures surfaces, core broken at centre		
						1208'	368.20			
	367.85	369.40	1.55				Sandstone	light grey, fine medium grained, thin siltstone and claystone intercalations, carbonaceous laminae at top, many bedding in top 1/2, possible slumping at top, calcite veins at base		
									4.45	
								TOP OF BOX 84		
						1213'	369.72			
	369.40	370.93	1.53							
						1218'	371.25			
	370.93	371.74	0.81				Sandstone	as above, argillaceous at base and slumped		

SAXON PROJECT (SAXON EAST)

HOLE NO. SD 7620 BEARING 040° ANGLE 60° TOTAL DEPTH 200.81
COORDINATES 6021055.8 N 692206.9 E COLLAR ELEVATION 1428.0

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: Hole deepened from 1976.

True Thickness
of Mining Section: _____ Coal _____ Coal _____
Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS:

Seam No. 1 Elevation of Seam (Base) 1269.2

Seam Interval: 174.76 - 183.40

True Thickness
of Mining Section: 8.41 Coal 7.54 Coal _____
Rock 0.87 Rock _____

Core Recovery: 69 % _____ %

INTERSEAM THICKNESS: 10.6

Seam No. 2 Elevation of Seam (Base) 1286.3

Seam Interval: 157.79 - 163.67

True Thickness
of Mining Section: 5.14 Coal 4.68 Coal _____
Rock 0.46 Rock _____

Core Recovery: 51 % _____ %

INTERSEAM THICKNESS: Seam 2 to Seam 4 (see Appendix X, 1976) 54.7

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness
of Mining Section: _____ Coal _____ Coal _____
Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS:

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7620 SHEET No: 1

DATE BEGUN: _____ DEPTH: _____ BEARING: 200.81 U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: 60° LOGGED BY: I. Delas CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							NOTE: the drillers markers are not adequate to depth and also are wrong marked (see sheet no. 4)		
35°	153.32	153.93	0.61			516' / 57.28	Sandstone	light grey, very fine grained occasionally CaCO ₃ in stringers and veins broken at base	
	153.93	155.81	1.88			518' / 57.89	Siltstone	med. grey with carbon fragments and CaCO ₃	
	155.81	156.36	0.55				Claystone	black carbonaceous with thin layers of coal at base	
	156.36	156.54	0.18	0.16			Coal loss		
	156.54	156.64	0.10	0.09			Coal	bright dull, highly broken	
	156.64	156.96	0.32	0.28			Claystone loss		
	156.96	157.14	0.18	0.16			Coal loss		
	157.14	157.28	0.14	0.12			Claystone	carbonaceous and broken with coaly inclusions	
		157.71	0.43	0.38			Claystone	as above completely broken	
						526.5' / 160.48		<u>END OF BOX 1</u>	
		157.79	0.08	0.07			Claystone	as above	
	157.79	158.13	0.34	0.30	↑		Coal	dull banded, partly sheared	
					2.2.2a				
	158.13	158.25	0.12	0.11	↓		Claystone	black, carbonaceous broken	
	158.25	159.66	1.41	1.20	↑		Coal loss		
		159.81	0.15	0.13	2.2.2		Coal	bright banded	
						530.5' / 161.54	Coal	bright dull	
		160.21	0.40	0.36			Coal	dull with few bright wisps	
		160.28	0.07	0.06			Coal	bright banded	
		160.39	0.11	0.10	↓		Coal	bright banded	
						535.5' / 163.22			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7600 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY			
	From	To	Thick.	True				m.Rec.	%		
	160.39	160.73	0.34	0.30			Coal	bright banded			
		161.01	0.28	0.24			Coal	bright			
		161.11	0.10	0.09		540.5'	/164.74	Coal	bright		
		161.24	0.13	0.11				Coal	bright sheared		
						542' /	165.20				
	161.24	161.31	0.07	0.06	2.2.1		Claystone	black carbon with fragments of stoney coal			
		161.64	0.33	0.29			Claystone	loss			
	161.64	161.93	0.29	0.26			Coal	dull bright; highly broken			
						544.5' /	165.96				
	161.93	163.09	1.16	1.02			Coal loss				
		163.67	0.58	0.51			Coal	pulverized (any determination impossible)			
						548' /	167.03				
	163.67	164.23	0.56	0.49			Claystone	loss			
		165.60	1.37	1.21			Claystone	dark grey carbon, slickensides toward base			
						557' /	169.71				
	165.60	166.97	1.37	1.21			Coal loss				
		167.21	0.24	0.21			Coal	dull banded			
		167.29	0.08	0.07	2.1.1		Coal	bright friable			
		167.72	0.43	0.38			Coal	bright banded			
						562' /	171.30				
	167.72	167.93	0.21	0.18			Claystone	loss			
		168.63	0.70	0.62			Claystone	very carbon, sheared and highly broken			
						566' .	172.52				
		169.19	0.56	0.49			Claystone	carbon, partly sheared, slickensides			
						568' /	173.13				
90°		170.02	0.83	0.73			Claystone	as above highly sheared, broken			
								highly sheared in top part with vertical bedding in lower ½ m.			

END OF BOX 3

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7620 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	170.02	170.30	0.28	0.26			Claystone as above		
						572'/174.35			
	170.30	171.15	0.85	0.79			Coal loss		
		171.51	0.36	0.33			Coal bright banded		
					1.6.1	576'/175.56			
		171.62	0.11	0.10			Coal bright banded		
	171.62	171.74	0.12	0.11			Claystone dark grey with some carb., inclusions		
		171.84	0.10	0.09			Claystone very carbon some coal mixed highly broken		
						578'/176.17			
		172.42	0.58	0.53			Claystone dark grey partly carbon sheared toward base		
						581'/177.09			
		173.24	0.82	0.76			Claystone loss		
		174.43	1.19	1.11			claystone as above with coaly wisp at top		
						585'/178.31			
		174.76	0.33	0.31					
	174.76	174.94	0.18	0.18			Coal loss		
		175.58	0.64	0.62	1.5.1		Coal bright		
						588'/179.22			
					1.4.1A				
	175.58	175.96	0.38	0.37			Claystone carbon. mixed with coal and drilling mud		
						591'/180.14			
	175.96	176.27	0.31	0.30			Coal sheared, highly broken		
						593'/180.75			
		176.57	0.30	0.29	1.4.1		Coal bright		
		176.81	0.24	0.23			Coal sheared friable		
						595'/181.36			
		177.19	0.38	0.37			Coal dull sheared broken		
		178.23	1.64	1.58			coal loss		
						599'/182.58			
		178.99	0.26	0.25			Coal bright dull friable		

END OF BOX 4

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7620 SHEET No: 4

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	178.99	179.22	0.23	0.21			Claystone	carbonaceous broken and mixed with coal and mud		
		179.52	0.30	0.29	1.3.1		Claystone	very carbon and sheared at base		
						601.5'	183.34			
	179.52	180.01	0.49	0.47			Coal	dull bright partly sheared		
						603'	183.79			
	180.01	180.11	0.10	0.10			Coal	dull banded		
		180.59	0.45	0.46	1.2.2		Coal	bright dull friable		
		180.80	0.21	0.20			Coal	dull banded	END OF BOX 5	
		181.69	0.89	0.86		606'	184.71	Coal loss		
		181.85	0.16	0.15			Coal	bright dull		
						599'	182.58			
		182.26	0.41	0.39			Coal	bright dull		
		182.32	0.06	0.06			Coal	dull		
		182.53	0.21	0.20			Coal	bright banded		
						602'	183.49			
		182.66	0.13	0.13	1.2.1		Coal	bright		
		182.82	0.16	0.15			Coal	dull		
		183.07	0.25	0.24			Coal	bright		
						604'	184.10			
		183.40	0.33	0.31			Coal	dull banded		
	183.40	183.47	0.07	0.07			Claystone	carbonaceous with coaly inclusions		
						606'	184.71			
		183.92	0.45	0.43			Claystone	as above		
	183.92	183.98	0.06	0.06			Coal	bright pulverized		
		184.08	0.10	0.10			Coal loss			
		184.08	184.25	0.17	0.16		Claystone	black carbon with coaly stringers and inclusions		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7620 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	184.25	184.31	0.06	0.06			Coal sheared		
	184.31	184.39	0.08			608' /	Claystone very carbonaceous, sheared, broken		
8°	184.77	0.38					Claystone as above		
	185.45	0.68					Claystone dark grey massive, with few plant fossils		
						612' /			
	185.73	0.28					Claystone as above <u>END OF BOX 6</u>		
	186.93	0.20					Claystone med., grey, massive, fossiliferous, some carbon specks		
						617' /			
	187.17	0.24					Claystone as above		
	187.50	0.33					Claystone very carbon and coaly inclusions		
	187.50	187.60	0.10				Claystone and coal highly broken and mixed		
	187.60	187.76	0.16				coal loss		
	187.76	187.81	0.05				Claystone and coal as above		
	187.81	188.48	0.67				Claystone partly carbon with few thin coal layers		
						622' /			
10°	188.48	189.23	0.75				Sandstone light grey, very fine grained irregular bedded silty at base		
	189.23	189.50	0.27				Siltstone dark grey massive		
	189.50	189.98	0.48				Claystone dark grey, occasionally silty massive		
							<u>END OF BOX 7</u>		
	190.14	0.16					Claystone carbonaceous broken		
	190.14	190.60	0.46				Siltstone med. grey with CaCO ₃ veins and stringers, massive		
	190.60	191.25	0.65				Claystone med. grey, shelly silty at top		
						632' /			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7620 SHEET No: 6

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	191.25	191.69	0.44	0.43	1.1.1A	Coal	bright dull		
						633' /	92.94		
		192.25	0.56	0.55	1.1.1	Coal	bright banded partly sheared toward base		
		192.60	0.35	0.35		Coal loss			
						635' /	93.55		
	192.60	193.21	0.61	0.60		Claystone	as claystone above		
						637' /	94.16		
		193.66	0.45			Claystone	carbon. broken and sheared at base, slickensides		
	193.66	193.88	0.22			Sandstone	light grey, fine to med. grained, massive.		
						641' /	95.38		
		195.41	1.53			Sandstone	as above med. grained come CaCO ₃ veins		
15°		196.87	1.46			Sandstone	as above		
						651' /	98.42		
		197.93	1.06			Sandstone	as above		
							END OF BOX 9		
		199.30	1.37			Sandstone	med. to coarse grained		
						658' /	200.56		
		200.11	0.81			Sandstone	as above, coarse grained		
		200.81	0.70			Sandstone	light grey, sandstone matrix grit pables		
							END OF HOLE		
							I. Deles March 1977		

SAXON PROJECT (SAXON EAST)

HOLE NO. SD 7701 BEARING -- ANGLE 90° TOTAL DEPTH 320.04
COORDINATES 6021568.4 N 691388.9 E COLLAR ELEVATION 1240.4

Seam No. 1 Elevation of Seam (Base) 1112.2
Seam Interval: 120.86 - 128.21
True Thickness of Mining Section: 4.82 Coal 4.36 Coal _____
Rock 0.46 Rock _____
Core Recovery: 38 % _____ %

INTERSEAM THICKNESS: 14.36

Seam No. 2 Elevation of Seam (Base) 1141.9
Seam Interval: 92.68 - 98.52
True Thickness of Mining Section: 3.68 Coal 3.34 Coal _____
Rock 0.34 Rock _____
Core Recovery: 23 % _____ %

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____
Seam Interval: _____
True Thickness of Mining Section: _____ Coal _____ Coal _____
Rock _____ Rock _____
Core Recovery: _____ % _____ %

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____
Seam Interval: _____
True Thickness of Mining Section: _____ Coal _____ Coal _____
Rock _____ Rock _____
Core Recovery: _____ % _____ %

INTERSEAM THICKNESS:

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. SD7701 SHEET No: 1
 DATE BEGUN: 3/3/77 DEPTH: 320.04M BEARING: _____ U.T.M.: _____
 DATE FINISHED: 8/3/77 ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: 90° LOGGED BY: PALLOKS CORE SIZE: HQ



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	0	7.57	7.57				No Core Recovery		
	7.57	7.92	0.35			26'	Claystone - dark, carbonaceous, few bright coal streaks		
						7.92			
	7.92	8.00	0.08				as above		
	8.00	9.01	1.01			30'	Claystone - grey		
						9.14			
	9.01	9.07	0.06				as above		
	9.07	9.59	0.52				Sandstone - grey, fine grained, argillaceous		
	9.59	10.34	0.75			35'	Claystone - grey, sandy at top		
						10.67			
	10.34	11.36	1.02				Claystone - dark grey, with sandstone intercalations		
							Top of Box 2		
55°	11.36	12.25	0.89			41'	as above, few calcite veins		
						12.50			
52°	12.25	13.28	1.03				Claystone - dark grey, with sandstone intercalations		
						45'			
						13.72			
	13.28	16.30	3.02			55'	Claystone - dark grey		
						16.76			
	16.30	16.64	0.34				Claystone - dark grey, few coal streaks, occasionally slicken-sided		
							Top of Box 3		
	16.64	18.91	2.27				as above		
	18.91	19.51	0.60			64'	Core Loss	0.00	
						19.51			
	19.51	20.53	1.02				Claystone - dark grey, at base sandy		
45°	20.53	22.56	2.03			75'	Sandstone - grey, fine grained, argillaceous, some calcite veins		
						22.86			
	22.56	23.30	0.74			79'	Claystone - dark grey, some coal streaks, at top sandy		
						24.08			
							Top of Box 5		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD7701 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
(45 ^c)	23.30	23.84	0.54	0.38	#3		Coal - core loss	0.00	
	23.84	24.06	0.22	0.16			Claystone - core loss	0.00	
	24.06	25.50	1.44	1.02			Coal - core loss	0.00	
	25.50	26.02	0.52				Claystone - dark grey, slickensided		
	26.02	26.89	0.87				as above, some coal streaks		
	26.89	27.94	1.05				Claystone - core loss	0.00	
	27.94	29.26	1.32			96'	Silty Claystone - dark grey		
						29.26			
	29.26	30.32	1.06				Silty Claystone - dark grey		Top of Box 6
	30.32	31.37	1.05				Claystone - dark grey, at base some coal streaks and slickensided		
	31.37	32.00	0.63			105'	Core loss	0.00	
						32.00			
46 ^c	32.00	33.83	1.83				as above, grading into siltstone		
	33.83	34.90	1.07				Sandstone - grey, finegrained, argillaceous		
									Top of Box 7
	34.90	35.10	0.20			115'	as above		
						35.05			
	35.10	36.91	1.81				as above, with carb. impurities, at base claystone intercalations and slickensided		
	36.91	38.10	1.19			125'	Core loss -	0.00	
						38.10			
	38.10	40.20	2.10				Siltstone and Claystone alternating, some coal streaks		
									Top of Box 8
	40.20	41.21	1.01			135'6"	Claystone - dark grey		
						41.30			
	41.21	41.63	0.42				as above, grading into sandstone		
	41.63	43.54	1.91				Sandstone - medium grey, fine grained, at base claystone streaks		
	43.54	44.28	0.74			146'	Silty Claystone - grey, occ. carb. and slickensided		
						44.50			
	44.28	44.48	0.20				as above		
									Top of Box 9

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7701 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
55°	44.48	47.33	2.85				Siltstone - grey, arg. to Claystone, grey, silty, occ. some coal streaks and slickensided		
						156'			
						47.55			
	47.33	48.76	1.43			161'	as above		
						49.07	Top of Box 10		
57°	48.76	50.17	1.41				Siltstone - grey, grading into sandstone		
	50.17	50.46	0.29				Claystone - dark, carb., a few coal streaks		
	50.46	51.92	1.46			171'	Siltstone - grey, argillaceous		
						52.12			
	51.92	52.27	0.35			172.5	as above		
						52.58			
55°	52.27	52.88	0.61				as above		
							Top of Box 11		
	52.88	53.87	0.99				as above, grading into dark claystone		
	53.87	55.43	1.56			182.5	Claystone - dark, carb., at base some coal streaks		
						55.63			
	55.43	55.95	0.52				as above, grading into siltstone		
	55.95	56.98	1.03				Siltstone - grey, arg., some calcite veins		
							Top of Box 12		
53°	56.98	58.00	1.02			192'	as above		
						58.52			
	58.00	60.72	2.72				as above, a few claystone layers, slickensided, some coal streaks		
	60.72	61.26	0.54			201'	Core loss	0.00	
						61.26			
	61.26	61.53	0.27				as above, grading into fine grained sandstone		
							Top of Box 13		
	61.53	64.45	2.92			212'	Sandstone - grey, fine grained, arg.		
						64.62			
55°	64.45	65.72	1.27				Claystone - dark grey, slickensided, siltstone at top		
							Top of Box 14		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7701 SHEET No: 4

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	65.72	67.62	1.90				Claystone - dark grey, slickensided, some coaly inclusions, occ. silty		
						222'			
						67.67			
	67.62	68.92	1.30				as above		
						226'			
						68.88			
	68.92	69.50	0.58				Siltstone - dark grey, argillaceous		
							Top of Box 15		
	69.50	70.25	0.75			230'	as above		
						70.10			
60°	70.25	72.08	1.83			236'	as above, sandy at base		
						71.93			
	72.08	73.49	1.41				as above, with sandy bands, occ. bioturbated, some calcite veins		
							Top of Box 16		
	73.49	74.95	1.46			246'	as above		
						74.98			
	74.95	76.19	1.24				as above, grading into sandstone		
56°	76.19	77.55	1.36				Sandstone - medium grey, fine grained, arg.		
							Top of Box 17		
	77.55	77.84	0.29			256'	as above		
						78.03			
	77.84	80.89	3.05				as above, some calcite veins		
						266'			
						81.08			
	80.89	81.43	0.54				as above		
							Top of Box 18		
50°	81.43	83.96	2.53				Sandstone - medium grey, fine to medium grained, laminated, a few thin calcite veins		
						276'			
						84.12			
	83.96	85.48	1.52				as above, calcite veins at base		
							Top of Box 19		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7701 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	85.48	87.02	1.54			286'	Sandstone - medium grey, fine to medium grained		
						87.17			
52°	87.02	89.58	2.56				as above, argillaceous at base		
							Top of Box 20		
	89.58	90.04	0.46			296'	as above		
						90.22			
	90.04	90.43	0.39				as above, grading into siltstone		
	90.43	92.65	2.22				Siltstone - interbedded with claystone layers, slickensided, some coaly streaks		
							Top of Box 21		
	92.65	92.68	0.03				Siltstone - dark, carb.		
	92.68	92.77	0.09	0.06			Coal - dull, banded	0.09	
	92.77	92.85	0.08	0.05	2/2/1		Siltstone - with coal bands	0.08	
	92.85	93.05	0.20	0.12			Coal - dull, banded	0.20	
51°	93.05	93.22	0.17	0.11			Coal - core loss	0.00	
	93.22	93.54	0.32	0.20			Claystone - dark, carb., coal streaks	0.32	
	93.54	93.68	0.14	0.09			Claystone - core loss	0.00	
	93.68	94.33	0.65	0.41	2/1/1		Coal - dull and bright	0.65	
	94.33	98.52	4.19	2.64			Coal - core loss	0.00	
	98.52	99.52	1.00				Claystone - core loss	1.34	23
	99.52	100.60	1.08				Claystone - dark, at top carb.		
	100.60	101.33	0.73				Claystone - core loss		
	101.33	101.90	0.57				Sandstone - med. grey, fine grained, arg., at base 12 cm claystone		
							Top of Box 22		
	101.90	102.41	0.51			336'	Sandstone - med. gray, fine grained, alternating with claystone layers		
						102.41			
	102.41	105.13	2.72				Sandstone - med. grey, fine grained, arg.		
							Top of Box 23		
50°	105.13	105.44	0.31			346'	as above		
						105.46			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7701 SHEET No: 6

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	105.44	108.49	3.05			356'	Sandstone - medium grey, fine grained, argillaceous		
						108.51			
	108.49	109.27	0.78				as above, with some calcite veins		
							Top of Box 24		
	109.27	109.75	0.48				as above, grading into claystone		
	109.75	111.42	1.67			366'	Claystone - dark grey, occ. carb., slickensided		
						111.56			
	111.42	113.52	2.10				Silty Claystone - grey		
							Top of Box 25		
50°	113.52	114.49	0.97			376'	as above, sandy at base		
						114.60			
	114.49	117.66	3.17				as above, sandy at top grades into claystone		
							at base		
	117.66	117.87	0.21				Claystone - dark		
							Top of Box 26		
	117.87	120.87	2.99				as above		
	120.86	121.58	0.72	0.47			Coal - core loss		
							Top of Box 27		
	121.58	121.78	0.20	0.13			Claystone - dark grey		
	121.78	122.28	0.50	0.33			Claystone - core loss		
(49)	122.28	124.88	2.60	1.71	1/2/1		Coal - highly broken or pulverized, mainly dull	2.60	44
							and bright, 9 cm dull, stoney		
	124.88	128.21	3.33	2.18			Coal - core loss		
	128.21	129.29	1.08				Claystone - core loss		
	129.29	129.84	0.55			426'	Claystone - dark, at top carb.		
						129.84			
	129.84	130.06	0.22				Claystone - dark		
							Top of Box 28		
	130.06	131.65	1.59				as above, with siltstone layers		
47°	131.65	132.76	1.11			436'	Sandstone - med. grey, fine grained, arg. at top		
						132.89			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7701 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	132.76	134.27	1.51				Sandstone - med. grey, fine grained Top of Box 29		
	134.27	135.78	1.51			446'	Sandstone - med. grey, fine grained, irregular bedded, shaly 135.94		
50°	135.78	138.38	2.60				as above, silty at base Top of Box 30		
	138.38	138.70	0.32			456'	Claystone - dark grey, occ. silty, some sandstone lenses and layers 138.99		
	138.70	141.75	3.05			466'	as above 142.04		
	141.75	142.57	0.82				Silty Claystone - dk. grey, grading into carb. claystone, a few coal streaks Top of Box 31		
	142.57	142.77	0.20				Claystone - dk. carb., few coal bands		
	142.77	142.87	0.10	0.07			Coal - dull, banded, shaly at base		
	142.87	143.90	1.03	0.68			Claystone - dk. grey, grading into sandstone		
	143.90	144.51	0.61	0.40			Sandstone - med., fine grained, arg., grading into claystone		
	144.51	145.56	1.05	0.69			Claystone - dk. grey		
(49°)	145.56	146.86	1.30	0.85			Coal - dull and bright, highly broken	1.30	71
	146.86	147.38	0.52	0.34	1/1/1		Coal - core loss Top of Box 32		
	147.38	148.06	0.68	0.45			Claystone -		
	148.06	148.42	0.36	0.24			Claystone - core loss		
	148.42	148.52	0.10	0.07			Coal - core loss		
	148.52	150.62	2.10				Sandstone - grey, med. grained, at top carb. Top of Box 33		
	150.62	152.70	2.08				Sandstone - med. grey, med. grained, massive		
	152.70	153.92	1.22			505'	Core loss - 153.92		
47°	153.92	155.80	1.88				as above Top of Box 34		
	155.80	156.98	1.18			515'	Sandstone - medium grey, medium grained 156.97		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7701 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	156.98	158.51	1.53				Sandstone - med. grey, med. grained, 3 cm shale at base		
	158.51	159.58	1.07				Sandstone - med. grey, med. to coarse grained, some pebbles near base		
	159.58	159.74	0.16				Silty Claystone -		
53°	159.74	160.04	0.30		526'		Grit - very small pebble conglomerate		
					60.32		Top of Box 35		
	160.04	160.40	0.36				Sandstone - med. grey, coarse grained, gritty at top		
	160.40	162.21	1.81				Sandstone - med. grey, fine grained, occ. coarse grained layers, a few shaly intercalations, conglomeratic in middle portion		
	162.21	163.16	0.95		536'		Silty Claystone - dk. grey, off. sandy		
					163.37				
	163.16	163.52	0.36				as above		
50°	163.52	164.30	0.78				Sandstone - med. grey, fine grained, some pebbles, at base 3 cm small-pebble-conglomerate		
							Top of Box 36		
	164.30	166.28	1.98				Sandstone - grey, fine grained, occ. small pebbles, a few calcite veins, at top 2cm small-pebble-congl.		
					546'				
					166.42				
55°	166.28	168.64	2.36				Sandstone - grey, fine grained		
							Top of Box 37		
	168.64	169.42	0.78		556'		as above		
					169.47				
53°	169.42	172.47	3.05		566'		as above		
					172.52				
	172.47	172.87	0.40				as above		
							Top of Box 38		
	172.87	175.53	2.66		576'		as above		
					175.56				
48°	175.53	177.23	1.70				as above		
							Top of Box 39		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7701 SHEET No: 9

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	177.23	178.54	1.31			586'	Siltstone - grey, very sandy		
						178.61			
47'	178.54	181.54	3.00			596'	as above, sandy, arg.		
						181.66	Top of Box 40		
	181.54	183.37	1.83			602'	as above		
						183.49			
	183.37	184.58	1.21			606'	as above		
						184.71			
	184.58	185.67	1.09				as above, a few calcite veins		
							Top of Box 41		
52'	185.67	187.66	1.99			616'	as above, with a few mudstone pebbles		
						187.76			
	187.66	189.99	2.33				Siltstone - grey, sandy, few calcite veins		
							Top of Box 42		
	189.99	190.59	0.60			626'	as above, very sandy		
						190.80			
47'	190.59	193.52	2.93				Sandstone - grey, fine grained, very arg., with thin shale bands		
						636'			
						193.85			
	193.52	194.15	0.63				as above		
							Top of Box 43		
	194.15	196.62	2.47			646'	Sandstone - grey, fine grained, arg., thin shale bands at top		
						169.90			
	196.62	196.98	0.36				as above, grading into siltstone		
	196.98	198.45	1.47				Siltstone - grey		
							Top of Box 44		
	198.45	199.31	0.86				as above, sandy shale bands at base		
	199.31	199.46	0.15				Silty Claystone - dark grey		
	199.46	199.95	0.49			656'	Core loss	0.00	
						199.95			
	199.95	200.78	0.83				as above		

HOLE No. 7701 SHEET No: 10

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
55°	200.78	201.99	1.21				Siltstone -	grey, arg., sandy, some pebbles, grading into sandstone		
	201.99	203.06	1.07				Sandstone -	grey, fine grained, arg., some shale pebbles, silty		
						<u>666'</u>		at base		
						203.00				
	203.06	203.19	0.13				Sandstone -	silty		
								Top of Box 45		
	203.19	206.05	2.86			<u>676'</u>	Sandstone -	grey, very fine grained, argillaceous		
						206.04				
54°	206.05	207.31	1.26					as above, with shale bands		
	207.31	207.47	0.16				Claystone -	dark grey, silty bands		
								Top of Box 46		
	207.47	209.07	1.60			<u>686'</u>	Sandstone -	med. grey, fine grained, with shale layers		
						209.09				
	209.07	211.53	2.46					as above, with shale layer in middle portion		
								Top of Box 47		
	211.53	212.10	0.57			<u>696'</u>	Sandstone -	med. grey, fine grained, with shale layers		
						212.14				
	212.10	213.87	1.77					as above		
								GATES		
								MOOSEBAR		
57°	213.87	215.14	1.27			<u>706'</u>	Shale -	dark grey, with sandstone laminae and layers		
	215.14	215.53	0.39			215.19		as above		
								Top of Box 48		
	215.53	218.17	2.64			<u>716'</u>	Shale -	dark grey, sandstone intercalations, occ. calcite veins		
						218.24				
	218.17	219.67	1.50					as above		
								Top of Box 49		
	219.67	221.21	1.54			<u>726'</u>		as above		
						221.28				
	221.21	223.96	2.75					as above, near base Sandstone with glauconite		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7701 SHEET No; 11

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>Top of Box 50</u>		
	223.96	224.19	0.23			736'	Shale - dark grey		
						224.33			
	224.19	227.11	2.92			746'	as above		
						227.38			
	227.11	228.15	1.04				as above		
							<u>Top of Box 51</u>		
	228.15	230.23	2.08			756'	as above		
						230.43			
	230.23	232.48	2.25				as above		
							<u>Top of Box 52</u>		
	232.48	233.35	0.87			766'	as above		
						233.48			
	233.35	236.34	2.99			776'	as above		
						236.52			
	236.34	236.60	0.26				as above		
							<u>Top of Box 53</u>		
	236.60	238.87	2.27			784'	Shale - dark grey, with sandstone intercalations		
						238.96			
	238.87	239.86	0.99			787.5'	as above		
						240.03			
75°	239.86	240.67	0.81				as above		
							<u>Top of Box 54</u>		
	240.67	242.56	1.89			796'	as above		
						242.62			
	242.56	245.00	2.44				Shale - dark		
							<u>Top of Box 55</u>		
	245.00	245.58	0.58			806'	as above		
						245.67			
68°	245.58	248.19	2.61			815'	Shale - dark grey, with sandstone intercalations		
						248.41			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7701 SHEET No: 12

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	248.19	249.19	1.00				Shale - dark grey, with sandstone intercalations		
							<u>Top of Box 56</u>		
	249.19	251.22	2.03			825'	as above		
						251.46			
65°	251.22	253.45	2.23				as above		
							<u>Top of Box 57</u>		
	253.45	254.29	0.84			835'	as above		
						254.51			
	254.29	257.19	2.90			845'	as above		
						257.56			
	257.19	257.60	0.41				as above		
							<u>Top of Box 58</u>		
58°	257.60	260.12	2.52			855'	as above		
						260.60			
	260.12	261.81	1.69				as above		
							<u>Top of Box 59</u>		
	261.81	263.19	1.38			865'	as above		
						263.65			
	263.19	266.07	2.88				as above		
							<u>Top of Box 60</u>		
	266.07	266.28	0.21			875'	as above		
						266.70			
	266.28	269.31	3.03			885'	as above		
						269.75			
63°	269.31	270.27	0.96				as above		
							<u>Top of Box 61</u>		
	270.27	272.48	2.21			895'	Siltstone - grey, arg. with sandstone layers, occ. thin calcite veins		
						272.80			
55°	272.48	274.52	2.04				as above		
							<u>Top of Box 62</u>		
	274.52	275.50	0.98			905'	as above		
						275.84			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7701 SHEET No: 13

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
58 ^c	275.50	278.57	3.07			915'	Siltstone - grey, arg., with sandstone layers, occ. thin calcite veins		
						275.84			
	278.57	278.73	0.16				Shale - dark grey		
							Top of Box 63		
	278.73	281.64	2.91			925'	Shale - dark grey, few sandstone intercalations at top		
						281.94			
	281.64	283.03	1.39				Shale - dark grey		
							Top of Box 64		
	283.03	284.67	1.64			935'	as above		
						284.99			
	284.67	287.38	2.71				as above		
							Top of Box 65		
	287.38	287.76	0.38			945'	as above		
						288.04			
	287.76	290.06	2.30				as above		
	290.06	290.78	0.72			954'	Core loss	0.00	
						290.78			
	290.78	292.18	1.40				as above		
							Top of Box 66		
	292.18	293.93	1.75			963'	as above		
						293.52			
	293.93	296.35	2.42				as above		
							Top of Box 67		
	296.35	297.11	0.76			973'	as above		
						296.57			
	297.11	300.25	3.14			983'	as above		
						299.62			
	300.25	300.53	0.28				as above		
							Top of Box 68		
	300.53	303.27	2.74			994'	as above		
						302.97			
	303.27	304.75	1.48				as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7701 SHEET No: 14

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>Top of Box 69</u>		
	304.75	306.40	1.65			1004'	Shale - dark grey		
						306.02			
	306.40	308.87	2.47				as above		
							<u>Top of Box 70</u>		
	308.87	309.40	0.53			1014'	as above		
						309.07			
	309.40	312.52	3.12			1024'	as above		
						312.12			
	312.52	312.95	0.43				as above		
							<u>Top of Box 71</u>		
	312.95	315.60	2.65			1035'	as above		
						315.47			
47'	315.60	317.03	1.43				as above, sandy layers at base		
							<u>Top of Box 72</u>		
	317.03	317.97	0.94				Shale - dark grey, grading into siltstone with sandstone pebbles at base		
							<u>MOOSEBAR</u>		
							GETHING		
	317.97	318.55	0.58			1045'	Sandstone - grey, argillaceous, with shale inclusions		
						318.52			
	318.55	320.04	1.49			1050'	as above		
						320.04			
							<u>320.04m END OF HOLE</u>		

SAXON PROJECT (SAXON EAST)

413 M.

HOLE NO. SD 7702 BEARING 038° ANGLE 60° TOTAL DEPTH 4113.00

COORDINATES 6020269.3 N 692620.1 E COLLAR ELEVATION 1367.3

Seam No. 1 Elevation of Seam (Base) 1029.5

Seam Interval: 385.86 - 390.10

True Thickness of Mining Section: 3.90 Coal 3.82 Coal

Rock 0.08 Rock

Core Recovery: 75 % %

INTERSEAM THICKNESS: 7.67

Seam No. 2 Elevation of Seam (Base) 1039.8

Seam Interval: (363.02 - 369.04) Upper 371.04 - 378.19 Lower

True Thickness of Mining Section: 5.91 Coal (4.92) 6.48 Coal 5.88

Rock (0.99) Rock 0.60

Core Recovery: % 24 %

INTERSEAM THICKNESS: 80.75

Seam No. 4 Elevation of Seam (Base) 1124.7

Seam Interval: 270.84 - 280.16

True Thickness of Mining Section: 9.15 Coal 7.90 Coal

Rock 1.25 Rock

Core Recovery: 32 % %

INTERSEAM THICKNESS:

Seam No. Elevation of Seam (Base)

Seam Interval:

True Thickness of Mining Section: Coal Coal

Rock Rock

Core Recovery: % %

INTERSEAM THICKNESS:

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7702 SHEET No: 1

DATE BEGUN: March 1977 DEPTH: _____

BEARING: N. 038 U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____

TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: 60°

LOGGED BY: J. Perry CORE SIZE: HQ



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>Top of Box 1</u>		
	0.00	3.35	3.35				No core recovery		
						<u>11'</u> 3.35			
	3.35	4.65	1.30				Sandstone - medium grey, medium to coarse grained, occasional shale and chert pebbles and a few thin, small pebble conglomerate bands		
	4.65	5.28	0.63				Conglomerate - green-grey, small to medium sized pebbles of green, grey and white chert and black shale.		
						<u>17'</u> 5.18			
5°	5.28	7.75	2.47				as above. Occasional large pebbles and thin sandstone layers		
						<u>25'</u> 7.62	<u>Top of Box 2</u>		
	7.75	8.88	1.13				Sandstone - light grey, med. grained, massive. Occasional thin, small pebble conglomerate layers.		
10°	8.88	10.66	1.78				Conglomerate - green-grey, small pebble. Pebbles of green, grey, white chert and black shale. Thin, fine to medium grained sandstone layers. Thin, sandy - shale near base.		
						<u>35'</u> 10.67			
	10.66	12.09	1.43				Sandstone - medium grey, fine to medium grained, massive. A few bands of medium pebble conglomerate.		
							<u>Top of Box 3</u>		
7°	12.09	13.77	1.68				as above; conglomerate bands are thinner		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7702 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						45'			
						13.72			
	13.77	14.89	1.12				as above		
14°	14.89	16.22	1.33				Sandstone - medium grey, medium grained with bands of small and medium pebble conglomerate.		
							<u>Top of Box 4</u>		
	16.22	16.73	0.51				as above; less conglomerate bands		
						55'			
						16.76			
	16.73	19.80	3.07				as above		
						65'			
						19.81			
	19.80	20.07	0.27				as above; many pebbles at base		
	20.07	20.59	0.52				Conglomerate - grey, small-pebble. White, grey, green chert and black shale pebbles.		
							<u>Top of Box 5</u>		
12°	20.59	22.89	2.30				as above with thin, fine to medium grained sandstone layers. Occasional thin coal laminae.		
						75'			
						22.88			
	22.89	25.01	2.12				as above		
							<u>Top of Box 6</u>		
	25.01	25.91	0.90				Sandstone medium grey, medium grained with occasional coarse bands, massive. Conglomerate at top.		
						85'			
						25.91			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7702 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	25.91	28.97	3.06				as above; no conglomerate. Carbonaceous laminae throughout.		
						95'			
						28.96			
5°	28.97	29.32	0.35				as above. Less carbonaceous laminae, occasional pebble bands		
							<u>Top of Box 7</u>		
	29.32	29.96	0.64				as above		
8°	29.96	31.91	1.95				Sandstone - light grey, fine grained, massive. A few dispersed pebbles. A friable, carbonaceous silty - sandstone layer in centre.		
						105'			
						32.00			
	31.91	33.65	1.74				as above. No friable silty-sandstone		
							<u>Top of Box 8</u>		
	33.65	35.04	1.39				as above		
						115'			
						35.05			
	35.04	37.89	2.85				as above		
						125'			
						38.10			
							<u>Top of Box 9</u>		
12°	37.89	40.87	2.98				as above; pebble band near top		
						135'			
						41.15			
	40.87	42.31	1.44				as above; no pebbles		
							<u>Top of Box 10</u>		
	42.31	43.59	1.28				Sandstone - medium grey, fine to medium grained, massive		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 4

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	43.59	43.98	0.39				Shale - black, fissile		
						145'			
						44.20			
	43.98	44.54	0.56				as above		
	44.54	44.72	0.18				Sandstone - med. grey, med. grained; carbonaceous at base.		
	44.72	44.79	0.07				Coal - dull		
	44.79	44.82	0.03				dull banded		
	44.82	44.85	0.03				dull		
	44.85	45.18	0.33				Claystone - black, carbonaceous; plant remains, pyritiferous. Silty at base with some thin fine - grained sandstone layers		
	45.18	45.60	0.42				Sandstone - med. grey, med. grained. Silty at top with fine, carbonaceous claystone bands		
						150'			
						45.72			
9°	45.60	46.49	0.89				Sandstone - light grey, fine grained, argillaceous occasional thin calcite veins		
							<u>Top of Box 11</u>		
	46.49	47.13	0.64				as above; med. grey. Many laminae of carbonaceous claystone; grades to siltstone at base. Small-scale ripples, cross-bedding, slumps, some bioturbation		
						155'			
						47.24			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	47.13	47.53	0.40				Siltstone - grey; thin sandstone and claystone bands; possible shell fragments near base.		
							<u>BOULDER CREEK</u> <u>HULCROSS</u>		
	47.53	48.58	1.05				Silty Claystone - dark; intercalations of siltstone and claystone, carbonaceous, plant remains and shell bands (pelecypods)		
						160' 48.77			
	48.58	49.02	0.44				as above. Occasional shell fragments; sandy lenses.		
10°	49.02	50.12	1.10				Sandstone - light grey, fine grained, argillaceous at top. Siltstone & claystone laminae throughout which occasionally contain shell fragments, occasional calcite veins.		
						165' 50.29			
	50.12	50.55	0.43				Siltstone - grey. Sandstone layers at top & sandy lenses throughout <u>Top of Box 12</u>		
	50.55	51.55	1.00				Shale - black. Many shell fragments		
						170' 51.82			
	51.55	52.25	0.70				as above; with sandy lenses		
	52.25	53.07	0.82				Sandstone - light grey, med. grained. Argillaceous, particularly at top & base. Some shell fragments. Calcite filled joints; slickensided.		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 6

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						175'			
						53.34			
	53.07	53.29	0.22				as above; very argillaceous		
	53.29	54.39	1.10				Claystone - dark grey. Many shell fragments in centre. Coal bands at base.		
	54.39	54.48	0.09				Coal - dull		
	54.48	54.51	0.03				dull banded		
						180'			
						54.86			
	54.51	54.62	0.11				dull		
	54.62	54.64	0.02				dull banded		
							Top of Box 13		
	54.64	54.68	0.04				dull (steely)		
	54.68	54.77	0.09				bright		
	54.77	54.83	0.06				bright banded; some woody bands		
	54.83	54.89	0.06				bright banded; some woody bands		
	54.89	54.90	0.11				dull banded (steely)		
	54.90	54.94	0.04				dull (steely)		
	54.94	55.06	0.12				dull & bright(steely)		
	55.06	55.11	0.05				bright		
	55.11	55.15	0.04				dull (steely)		
	55.15	55.30	0.15				bright banded		
	55.30	55.35	0.05				bright		
	55.35	55.38	0.03				dull & bright (steely)		
	55.38	55.51	0.13				dull (steely)		
	55.51	55.72	0.21				Core loss - coal		0
							HULCROSS		
							GATES		
	55.72	55.84	0.12				Claystone - dark		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						184'			
						56.08			
	55.84	56.31	0.47				as above		
						186'			
						56.69			
	56.31	56.76	0.45				Claystone - med. grey		
	56.76	56.80	0.04				Coal - sheared		
	56.80	56.89	0.09				dull, somewhat sheared		
	56.89	57.05	0.16				Core loss - coal		
	57.05	57.59	0.54				Claystone - dark, carbonaceous at top. Occasional coal bands.		
						190'			
						57.91			
	57.59	58.98	1.39				as above. Occasional iron-clay nodules, somewhat silty at base.		
	58.98	59.44	0.46				Core loss - rock		
						195'			
						59.44			
							<u>Top of Box 14</u>		
	59.44	60.90	1.46				Claystone - dark; IRON-clay; Internal cast of of pelecypod.		
						200'			
						60.96			
	60.90	61.31	0.41				Claystone - dark, carbonaceous; coal laminae		
	61.31	61.33	0.02				Coal and Bands		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	61.33	61.37	0.04				Coal	bright banded, woody bands		
	61.37	61.39	0.02					dull		
	61.39	61.42	0.03					dull banded		
	61.42	61.81	0.39				Core loss	coal		
	61.81	61.96	0.15				Core loss	Rock		
4°	61.96	63.70	1.74				Claystone -	dark; iron-clay. bands & nodules. Sandy bands, particularly at base. Core broken at top		
						209'				
						63.70				
	63.70	64.20	0.50					as above		
								Top of Box 15		
	64.20	65.31	1.11					as above. Silty at base.		
						214'				
						65.23				
	65.31	66.94	1.63					as above; silty at top. Siltstone & sandstone bands.		
						219'				
						66.75				
7°	66.94	68.58	1.64				Siltstone -	grey, sandy; some sandstone bands Occasional thin claystone bands and iron-clay nodules. A few calcite-filled joints - slickensided.		
						225'				
						68.58				
								Top of Box 16		
5°	68.58	70.06	1.48				Sandstone -	med. grey, fine grained; laminated, argillaceous. Bioturbated.		
						230'				
						70.10				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 9

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	70.06	71.28	1.22				as above. Silty at base		
	71.28	71.62	0.34				Siltstone - grey, sandy; sandstone bands		
						235'			
						71.63			
	71.62	71.88	1.26				Claystone - dark. Silty bands at top. Occasional thin sandstone bands. Carbonaceous towards base <u>Top of Box 17</u>		
	72.88	72.95	0.07				as above, carbonaceous		
	72.95	72.98	0.03				Coal powdered (dull & bright?), some claystone chips		
	72.98	73.01	0.03				Claystone dark, carbonaceous; coal laminae		
	73.01	73.04	0.03				Coal dull (steely)		
	73.04	73.09	0.05				dull banded (steely)		
	73.09	73.17	0.08				bright banded with ash band		
	73.17	73.37	0.20				Core loss coal		
	73.37	73.56	0.19				Claystone dark, carbonaceous. Occasional coal bands		
	73.56	73.63	0.07				Coal bright - a few ash bands		
	73.63	73.94	0.31				Claystone as above		
	73.94	73.98	0.04				Coal bright		
	73.98	74.35	0.37				Claystone dark to med. grey. At top carbonaceous with coal bands. Not carbonaceous towards base		
	74.35	74.55	0.20				as above. Carbonaceous		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 10

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	74.55	74.57	0.02				Coal	powdered, some claystone chips		
	74.57	74.60	0.03				Claystone	dark, carbonaceous		
						245'				
						74.68				
	74.60	74.90	0.30				Claystone	as above. Occasional coal bands		
	74.90	74.95	0.05				Coal	bright		
	74.95	75.45	0.50				Core loss	coal		
	75.45	75.65	0.20				Claystone	as above		
	75.65	75.70	0.05				Coal	dull banded		
	75.70	75.78	0.08				Claystone	as above		
10°	75.78	76.11	0.33				Siltstone	grey. Grades to sandstone at base		
						250'				
						76.20				
13°	76.11	77.54	1.43				Sandstone	med. grey, med. grained. Siltstone and claystone intercalations. Small-scale sedimentary structures; bioturbated. Thick claystone layers at base, well preserved plant remains		
								Top of Box 18		
	77.54	77.72	0.18					as above		
						255'				
						77.72				
	77.72	78.39	0.67				Silty Claystone	dark grey; siltstone layers at top with sandstone laminae. Carbonaceous at base with coal laminae.		
	78.39	79.21	0.82				Sandstone	med. grey. Siltstone & claystone intercalations		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 11

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						260'			
						79.25			
11°	79.21	80.76	1.55				as above. Argillaceous at base		
						265'			
						80.77			
	80.76	81.76	1.00				Claystone dark. Occasional sandstone and coal bands slickensides along some bedding surfaces polished.		
							Top of Box 19		
	81.76	82.09	0.33				as above. Sandy bands at base.		
						270'			
						82.30			
	82.09	83.71	1.62				Sandy Siltstone med. grey; sandstone and claystone bands		
						275'			
						83.82			
	83.71	84.63	0.92				as above. Claystone layer at base		
5°	84.63	85.12	0.49				Sandstone grey, fine grained, silty. Siltstone and claystone intercalations		
						280'			
						85.34			
	85.12	85.41	0.29				as above		
	85.41	86.07	0.66				Claystone dark, silty at top		
							Top of Box 20		
	86.07	86.64	0.57				as above. Not silty		
						285'			
						86.87			
	86.64	87.85	1.21				as above. Slickensided listric surfaces along bedding planes and fracture surfaces. Core broken at top.		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 12

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	87.85	88.39	0.54				Core loss rock		
						290'			
						88.39			
	88.39	89.11	0.72				Claystone dark; sandy bands near base		
14°	89.11	89.88	0.77				Sandstone grey, fine to med. grained. Argillaceous. claystone layers near base.		
						295'			
						89.92			
25°	89.99	90.81	0.93				as above. Claystone layers at top and base Occasional calcite filled joints <u>Top of Box 21</u>		
	90.81	91.44	0.63				as above. Claystone bands from top to centre. Reworked claystone chips in bottom half.		
						300'			
						91.44			
	91.44	93.03	1.59				Sandstone light grey, fine grained, laminated at top, thin claystone bands.		
						305'			
						92.96			
18°	93.03	94.46	1.43				as above. Claystone and siltstone bands near base		
						310'			
						94.49			
	94.46	95.12	0.66				as above <u>Top of Box 22</u>		
17°	95.12	95.99	0.83				Sandstone med. grey, fine to med. grained. Argillaceous		
						315'			
						96.01			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 13

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
25°	95.95	97.49	1.54				as above		
						320'			
						97.54			
	97.49	97.94	0.45				as above		
	97.94	98.73	0.79				Claystone dark, contact with overlying sandstone has listric surface with slickensides. Movement along bedding suggested. Coaly bands		
	98.73	98.77	0.04				Coal dull banded		
	98.77	98.79	0.02				bright		
	98.79	98.89	0.10				dull, somewhat sheared		
						325'			
						99.06			
	98.89	98.95	0.06				dull, sheared, listric surfaces, core broken		
	98.95	99.29	0.34				Core loss coal		
	99.29	99.37	0.08				Claystone dark, broken, sheared with listric surfaces,		
	99.37	99.79	0.42				Claystone dark, carbonaceous.		
							<u>Top of Box 23</u>		
	99.79	99.95	0.16				as above		
	99.95	100.07	0.12				Coal stoney		
	100.07	100.13	0.06				dull banded with occasional ash bands		
	100.13	100.21	0.08				bright		
	100.21	100.26	0.05				powdered, mainly bright		
	100.26	100.30	0.04				dull		
	100.30	100.32	0.02				boney		
	100.32	100.58	0.26				Silty Claystone dark grey		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 14

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						330'			
						100.58			
	100.58	102.20	1.62				as above. Some siltstone layers		
						335'			
						102.11			
9°	102.20	103.62	1.42				as above. Some sandstone bands		
						340'			
						103.63			
	103.62	104.16	0.54				Sandstone dark grey, med. grained. Silty & clay-rich bands, particularly at top.		
							<u>Top of Box 24</u>		
	104.16	104.63	0.47				as above. Argillaceous; silty bands at base		
	104.63	105.92	1.29				Siltstone dark grey. Sandstone bands		
	105.92	106.74	0.82				Sandstone med. grey, med. grained. Siltstone & claystone bands.		
						350'			
						106.68			
14°	106.74	108.28	1.54				as above. Thick claystone layers at top and base.		
						355'			
						108.20			
	108.28	108.48	0.20				as above. Many claystone interbeds.		
							<u>Top of Box 25</u>		
13°	108.48	109.80	1.32				as above. Siltstone band at base		
						360'			
						109.73			
	109.80	111.26	1.46				as above. Argillaceous; siltstone bands.		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 15

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						365'			
						111.25			
10°	111.26	112.69	1.43				as above		
						370'			
						112.78			
							<u>Top of Box 26</u>		
	112.69	114.27	1.58				Siltstone dark grey. Occasional thick claystone bands and thinner sandstone lenses. A few iron-clay nodules.		
						375'			
						114.30			
	114.27	115.75	1.48				as above		
						380'			
						115.82			
	115.75	116.45	0.70				Sandstone med. grey, med. grained. Siltstone and claystone intercalations		
						385'			
						116.45			
	116.45	116.92	0.47				Siltstone dark grey. Joint at top; surface smooth & regular, CA = 15°		
						385'			
						117.35			
							<u>Top of Box 27</u>		
18°	116.92	118.55	1.63				as above. Sandstone and claystone bands.		
						390'			
						118.87			
	118.55	119.58	1.03				Claystone dark. Thin coaly bands. Grades to siltstone at base.		
						395'			
						120.40			
8°	120.15	121.17	1.02				Sandstone med. grey, med. grained. Argillaceous; grades to siltstone at base.		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 16

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Top of Box 28		
	121.17	121.78	0.61				as above. Silty at top		
					400'				
					121.92				
17°	121.78	123.12	1.34			Silty Sandstone	Grey, laminated at top. Core broken near base		
					405'				
					123.44				
	123.12	123.62	0.50			Core loss	rock		
	123.62	124.97	1.35				as above. Claystone bands in lower half		
					410'				
					124.97				
	124.97	125.62	0.65			Siltstone	dark grey. Sandstone & claystone bands.		
							Top of Box 29		
20°	125.62	126.54	0.92			Sandstone	med. grey, med. grained claystone and siltstone intercalations. Occasional calcite filled joints and veins		
					415'				
					126.49				
	126.54	128.12	1.58				as above. Less intercalations		
					420'				
					128.02				
10°	128.12	129.57	1.45				as above. Coaly inclusions & veins at base		
					425'				
					129.54				
	129.57	129.72	0.15			Silty Claystone	dark grey		
							Top of Box 30		
	129.72	129.90	0.18				as above		
	129.90	130.11	0.21			Sandstone	med. grey, med. grained		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 17

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
9°	130.11	131.02	0.91				Claystone	dark, carbonaceous, thinly interbanded with sandstone in centre. Occasional iron-clay bands and nodules. A few calcite veins.		
						430'				
						131.06				
	131.02	131.70	0.68					as above		
	131.70	132.66	0.96				Silty Sandstone	med. grey, med. grained. Occasional calcite veins		
						435'				
						132.59				
3°	132.66	132.83	0.17					as above		
	132.83	132.87	0.04				Coal	dull		
	132.87	133.07	0.20					stoney		
	133.07	133.53	0.46				Siltstone	grey. Sandstone hard at top, claystone at base. Some calcite along the contact between sandstone and overlying coal; movement suggested.		
						438'				
						133.50				
	133.53	133.73	0.20				Silty Claystone	dark grey. Sandstone bands at base		
								<u>Top of Box 31</u>		
	133.73	134.21	0.48				Sandstone	med. grey, fine grained, argillaceous		
						440'				
						134.12				
14°	134.21	135.80	1.59					as above. Some calcite filled veins and joints in centre. Occasional claystone bands		
						445'				
						135.64				
20°	135.80	137.24	1.44					as above. Claystone & coal laminae.		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 18

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						450'			
						137.16			
	137.24	137.86	0.62				Claystone	dark; sandstone and coaly bands near top iron-clay nodules.	
								Top of Box 32	
	137.86	138.67	0.81					as above	
						455'			
						138.68			
	138.67	139.26	0.59					as above. Grades to siltstone at base	
14°	139.26	139.95	0.69				Siltstone	grey. Occasional sandstone and claystone layers, grades to claystone at base.	
	139.95	140.22	0.27				Claystone	dark	
						460'			
						140.21			
	140.22	141.53	1.31					as above	
	141.53	141.77	0.24				Siltstone	med. grey. Sandy layers at base	
						465'			
						141.73			
8°	141.77	142.11	0.34				Silty Sandstone	med. grey, med. grained Top of Box 33	
	142.11	143.23	1.12				Claystone	dark. Sandy bands at top & silty layers throughout. Iron-clay bands and nodules.	
						470'			
						143.26			
	143.23	144.05	0.82					as above. Silty at base	
	144.05	144.26	0.21					as above. Heavily broken, sheared, listric surfaces with slickensides.	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 19

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
19°	144.26	144.69	0.43				Sandstone	dark grey, fine grained. Silty at top; argillaceous.		
						475'				
						144.78				
	144.69	146.23	1.54					as above		
						480'				
						146.30				
	146.23	146.39	0.16					as above		
								Top of Box 34		
	146.39	146.95	0.56					as above. Claystone band at base		
	146.95	147.81	0.86				Claystone	dark, plant fragments, seeds. Iron-clay nodules.		
						485'				
						147.83				
22°	147.81	149.26	1.45					as above. Sandstone bands, particularly at base		
						490'				
						149.35				
	149.26	149.85	0.59					as above. Coaly inclusions at base.		
	149.85	150.67	0.82				Silty Claystone	dark; iron-clay bands & nodules		
						495'				
						150.88				
								Top of Box 35		
	150.67	151.55	0.88					as above		
15°	151.55	152.08	0.53				Siltstone	grey. Sandstone bands		
						500'				
						152.40				
18°	152.08	153.57	1.49					as above		
						505'				
						153.92				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 20

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: ' _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	153.57	154.41	0.84				as above		
19°	154.41	154.76	0.35			Sandstone	dark grey, med. grained. Argillaceous		
	154.76	154.97	0.21			Siltstone	grey. Occasional calcite filled joints		
							<u>Top of Box 36</u>		
	154.97	155.07	0.10				as above		
						510'			
						155.45			
	155.07	155.81	0.74				as above		
	155.81	156.61	0.80				Silty Claystone	dark grey	
						515'			
						156.97			
	156.61	157.00	0.39	0.37			Claystone	dark. Thin coal bands. Core broken	
	157.00	157.03	0.03	0.03			Coal	dull (steely)	
(16°)	157.03	157.13	0.10	0.10				dull & bright	
	157.13	157.70	0.57	0.55			Core loss	coal	
	157.70	157.77	0.07	0.07			Coal & Bands		
	157.77	158.10	0.33	0.32			Claystone	dark	
	158.10	158.18	0.08	0.08			Coal	bright; broken	
	158.18	158.30	0.12	0.11			Siltstone	dark grey	
						520'			
						158.50			
	158.30	158.56	0.26	0.25				as above. Thin bright coal bands and thin calcite veins at base	
	158.56	158.66	0.10	0.10			Coal & Bands		
(16°)	158.66	158.77	0.11	0.11			Coal	bright	
	158.77	159.01	0.24	0.23			Core loss	coal	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 21

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	159.01	159.78	0.77				Siltstone	grey. Silty claystone at top. Occasional coal bands. Some calcite veining.		
								<u>Top of Box 37</u>		
	159.78	159.85	0.07				as above			
						<u>525'</u>				
						<u>160.02</u>				
	159.85	160.59	0.74				Sandstone	med. grey, fine grained. Argillaceous		
	160.59	161.20	0.61				Claystone	dark. Silty in places		
						<u>530'</u>				
						<u>161.54</u>				
14°	161.20	162.79	1.59				Sandstone	med. grey, med. grained. Silty at top. Argillaceous		
						<u>535'</u>				
						<u>163.07</u>				
	162.79	164.04	1.25				as above			
								<u>Top of Box 38</u>		
	164.04	164.29	0.25				Claystone	dark. Sandstone band at top		
						<u>540'</u>				
						<u>164.59</u>				
	164.29	165.12	0.83				as above.	Occasional sandstone bands		
	165.12	165.87	0.75				Siltstone	grey. Occasional sandstone bands		
						<u>545'</u>				
						<u>166.12</u>				
21°	165.87	167.36	1.49				Silty Claystone	dark grey. Occasional sandstone bands		
						<u>550'</u>				
						<u>167.64</u>				
	167.36	168.28	0.92				Siltstone	grey		
								<u>Top of Box 39</u>		
	168.28	169.03	0.75				as above			
						<u>555'</u>				
						<u>169.16</u>				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 22

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	169.03	170.54	1.51				Silty Clatstone	dark grey		
						560'				
						170.69				
	170.54	171.36	0.82				Siltstone	grey. Occasional sandstone band		
						536'				
						171.60				
16°	171.36	172.42	1.06				Sandstone	med. grey, med. grained. Silty at top. Argillaceous laminae.		
								<u>Top of Box 40</u>		
	172.42	173.00	0.58					as above. Massive		
						568'				
						173.13				
	173.00	173.58	0.58					as above		
						570'				
						173.74				
24°	173.58	173.99	0.41					as above at top. Reworked claystone chips throughout rest of unit; particularly near base		
	173.99	174.49	0.50				Silty Claystone	dark grey. Sandstone bands		
	174.49	175.17	0.68				Sandstone	med. grey, fine grained at top grading to med. grained. Occasional silty bands.		
						575'				
						175.26				
15°	175.17	176.57	1.40					as above		
								<u>Top of Box 41</u>		
	176.57	176.71	0.14					as above. Thin claystone layer at base		
						580				
						176.78				
30°	176.71	177.91	1.20					as above. Many claystone bands		

HOLE No: 7702 SHEET No: 23

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	177.91	178.31	0.40				Claystone	dark. Silty at base. Occasional sandstone bands		
						585'				
24°	178.31	179.84	1.53			178.31	Sandstone	med. grey, med. grained. Claystone bands at top Argillaceous laminae throughout.		
						590'				
						179.83				
	179.84	180.70	0.86					as above		
								<u>Top of Box 42</u>		
	180.70	181.42	0.72					as above		
						595'				
						181.36				
	181.42	181.72	0.30					as above. Coaly band at base		
	181.72	182.06	0.34					as above with many bright-coal bands. Coaly layers have high ash. Some listric fracture surfaces with slickensides. Sandstone contact with underlying coal (see below) is at a high angle to bedding; faulted. Core extensively broken		
	182.06	182.14	0.08				Coal	bright, with ash bands		
	182.14	182.35	0.21					bright, minor ash bands		
	182.35	182.67	0.32				Siltstone	dark grey. Coal band perpendicular to bedding. Some calcite veining in coal		
	182.67	182.90	0.23					as above. No coal bands		
						600'				
						182.88				
	182.90	183.74	0.84					as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 24

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M. : _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT. : _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	183.74	184.13	0.39				Claystone	dark		
	184.13	184.42	0.29				Coal & Bands	0.01-0.02 m interbands of claystone and bright coal. Some listric fracture surfaces		
	184.42	184.52	0.10				Coal	bright banded		
						605'				
						184.40				
	184.52	184.61	0.09					dull & bright		
	184.61	184.65	0.04					bright		
	184.65	184.67	0.02					dull & bright		
	184.67	184.69	0.02					dull		
	184.69	184.71	0.02				Coal & Bands			
	184.71	184.79	0.08				Claystone	dark with coaly bands		
								Top of Box 43		
	184.79	184.81	0.02				Coal	dull banded		
	184.81	184.85	0.04					dull & bright		
	184.85	185.30	0.45				Claystone	as above		
	185.30	185.41	0.11				Coal	bright banded		
	185.41	185.47	0.06					dull banded		
	185.47	185.51	0.04					dull		
	185.51	185.74	0.23				Claystone	as above		
						610'				
						185.93				
	185.74	185.84	0.10					as above. Sheared, listric surfaces. Core broken		
	185.84	186.44	0.60				Core loss	rock		
	186.44	186.69	0.25				Claystone	dark		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 25

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						612.5'			
						186.69			
16°	186.69	187.22	0.53				Silty Claystone	dark grey. Occasional sandstone bands	
						615.5'			
						187.60			
	187.22	187.54	0.32					as above	
	187.54	188.54	1.00				Siltstone	grey. Sandstone and claystone laminae	
	188.54	188.91	0.37				Core loss	rock	
						620'			
						188.98			
	188.91	189.60	0.69	0.67			Claystone	dark grey. Silty at top. Core broken.	
		189.70	0.10	0.10	1			as above	
	189.70	189.76	0.06	0.06	2		Coal	dull, thin ash bands	
								<u>Top of Box 44</u>	
	189.76	189.87	0.11	0.10	3			dull	
	189.87	189.90	0.03	0.03	4			bright	
	189.90	189.94	0.04	0.04				dull & bright	
	189.94	189.99	0.05	0.05	5			bright	
	189.99	190.01	0.02	0.02				dull (steely)	
	190.01	190.10	0.09	0.09				bright	
	190.10	190.16	0.06	0.06	6			dull & bright	
	190.16	190.22	0.06	0.06				bright	
						625'			
						190.50			
	190.22	190.26	0.04	0.04	7			bright	
	190.26	190.30	0.04	0.04				dull & bright	
	190.30	190.73	0.43	0.42	8			bright	
	190.73	190.77	0.04	0.04				dull & bright	
	190.77	190.86	0.09	0.09	9			dull (steely)	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 26

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	190.86	190.96	0.10	0.09			powdered; mainly dull		
	190.96	191.15	0.19				Claystone dark, carbonaceous. Coal bands at top		
8°	191.15	191.71	0.56				Sandstone light grey, fine grained. Claystone bands at top		
						630'			
						192.02			
10°	191.71	193.16	1.45				as above		
	193.16	193.55	0.39				Core loss rock		
						635'			
						193.55			
	193.55	194.32	0.77				as above		
11°	194.32	195.16	0.84				as above		
						640'			
						195.07			
	195.16	196.61	1.45				as above. Silty and argillaceous in top half		
						645'			
						196.60			
	196.61	197.55	0.94				Claystone dark; silty near top		
	197.55	197.58	0.03				Coal dull (steely)		
	197.58	197.63	0.05				dull banded		
	197.63	197.95	0.32				Core loss coal		
	197.95	198.33	0.38				Claystone dark, carbonaceous. Many thin coal bands		
						650'			
						198.12			
	198.33	198.89	0.56				as above		
	198.89	198.97	0.08				as above		

HOLE No: 7702 SHEET No: 27

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						652.5'			
						198.88			
	198.97	199.73	0.76				as above. Occasional iron-clay nodules.		
19°	199.73	200.52	0.79			Siltstone	grey. Occasional thin sandstone bands		
						657.5'			
						200.41			
	200.52	201.26	0.74				Silty Claystone dark grey. Sandstone layers near top		
						660'			
						201.17			
	201.26	202.65	1.39				Claystone dark grey. Silty at top. Occasional calcite veins.		
						665'			
						202.69			
	202.65	202.69	0.04				Coal dull (steely)		
	202.69	202.73	0.04				bright banded		
	202.73	202.75	0.02				dull (steely)		
	202.75	203.05	0.30				Core loss coal		
	203.05	203.23	0.18				Claystone dark, carbonaceous		
							<u>Top of Box 47</u>		
	203.23	203.66	0.43				as above		
	203.66	204.01	0.35				Core loss coal		
	204.01	204.51	0.50				Claystone dark, powdered, sheared. Some coal chips.		
	204.51	204.81	0.30				Core loss coal		
						670'			
						204.22			
	204.81	205.82	1.01				Claystone as above		
	205.82	206.47	0.65				Core loss coal		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 28

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						675'			
						205.74			
	206.47	206.66	0.19				Claystone	as above. Not so heavily broken.	
	206.66	207.25	0.59					as above. Sandstone bands at base.	
23°	207.25	207.60	0.35				Sandstone	light grey, fine grained. Argillaceous.	
						680'			
						207.26			
	207.60	207.98	0.38					as above	
								Top of Box 48	
15°	207.98	209.10	1.12				Siltstone	med. grey. Thin sandstone & claystone bands.	
						685'			
						208.79			
	209.10	210.53	1.43				Sandstone	as above. Occasional calcite filled joints with slickensides. Claystone layer at base.	
						690'			
						210.31			
	210.53	211.87	1.34					as above	
								Top of Box 49	
	211.87	212.08	0.21				Claystone	dark grey	
						695'			
						211.84			
	212.08	212.93	0.85				Sandstone	as above. Claystone & siltstone layers.	
	212.93	213.44	0.51				Claystone	dark grey. Thin sandstone bands.	
						700'			
						213.36			
	213.44	214.98	1.54				Sandstone	as above	
						705'			
						214.98			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 2207 SHEET No: 29

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
15°	214.98	215.86	0.88				as above. Silty at base		
	215.86	216.38	0.52				<u>Top of Box 50</u> Siltstone med. grey. Grades to claystone at base.		
						<u>710'</u>			
						216.41			
	216.38	217.13	0.75				Silty Claystone med grey		
	217.13	217.97	0.84				Claystone med. grey. Occasional bright coal band.		
						<u>715'</u>			
						217.93			
	217.97	218.26	0.29				as above		
	218.26	218.33	0.07				Coal bright; powdered		
	218.33	218.45	0.12				dull & bright; broken		
	218.45	218.49	0.04				bright banded		
	218.49	218.61	0.12				bright		
	218.61	218.76	0.15				Core loss coal		
	218.76	218.96	0.20				Claystone dark grey		
	218.96	219.51	0.55				Siltstone grey. Sandstone layers.		
						<u>720'</u>			
						219.46			
13°	219.51	220.02	0.51				Sandstone light grey, fine grained. Siltstone & claystone layers.		
							<u>Top of Box 51</u>		
	220.02	221.04	1.02				as above. Massive. Occasional claystone layers. Calcite filled veins & joints near centre.		
						<u>725'</u>			
						220.98			
	221.04	221.54	0.50				Claystone dark grey. In sharp, faulted contact with overlying sandstone. //		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 30

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	221.54	221.99	0.45				Siltstone	grey. Sandstone bands.		
	221.99	222.59	0.60				Sandstone	light grey, fine grained, silty.		
						730'				
						222.50				
	222.59	222.86	0.27					as above		
15°	222.86	223.17	0.31				Siltstone	light grey. Sandstone and claystone laminae. Claystone layer at base.		
	223.17	223.21	0.04				Coal	bright		
	223.21	223.25	0.04					dull (steely)		
	223.25	223.48	0.23				Claystone	dark. Coal bands.		
	223.48	223.56	0.08				Coal	bright		
	223.56	223.60	0.04					dull & bright		
	223.60	223.63	0.03					dull		
	223.63	223.68	0.05					stoney		
	223.68	223.98	0.30				Core loss	coal		
	223.98	224.22	0.24				Claystone	dark, carbonaceous at top. Coal bands.		
						735'				
						224.03				
	224.22	224.40	0.18					as above. Carbonaceous throughout.		
								<u>Top of Box 52</u>		
	224.40	225.70	1.30				Siltstone	med. grey. Carbonaceous claystone band at top. Grades to sandstone at base.		
						740'				
						225.55				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7702 SHEET No: 31

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	225.70	225.98	0.28				Claystone dark		
	225.98	227.09	1.11				Sandstone med. grey, fine grained. Many claystone and siltstone bands.		
	227.09	227.20	0.11				Claystone dark		
						<u>745'</u> 227.07			
	227.20	228.66	1.46				as above. Thin coal bands; occasional calcite veins. Core broken.		
							<u>Top of Box 53</u>		
						<u>750'</u> 228.60			
	228.66	229.97	1.31				as above		
	229.97	229.99	0.02				Coal bright		
						<u>755'</u> 230.12			
	229.99	230.03	0.04				bright		
	230.03	230.28	0.25				Core loss coal		
	230.28	230.43	0.15				Claystone dark, carbonaceous. Occasional coal bands.		
	230.43	231.69	1.26				Sandstone light grey, fine grained. Argillaceous. Joint in centre; surface smooth & regular. CA = 12°.		
						<u>760'</u> 231.65			
11°	231.69	232.27	0.58				as above. Grades to claystone at base.		
	232.27	232.79	0.52				Claystone dark. Siltstone & sandstone intercalations & thin coal bands.		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7702 SHEET No: 32

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	232.79	232.86	0.07				Coal	bright		
	232.86	232.96	0.10				Claystone	as above		
	232.96	233.06	0.10					as above		
						765'				
						233.17				
	233.06	234.52	1.46					as above. Silty towards base.		
						770'				
						234.70				
	234.52	236.03	1.51				Sandstone	light grey, fine grained. Siltstone and claystone intercalations.		
						775'				
						236.22				
15°	236.03	237.09	1.06					as above		
	237.09	237.59	0.50					as above		
						780'				
						237.74				
	237.59	238.38	0.79					as above		
20°	238.38	239.11	0.73				Sandstone	med. grey, med. grained. Occasional coarse grained layers. Thin claystone bands.		
						785'				
						239.27				
35°	239.11	240.13	1.02					as above. Claystone layer near top. Joint, smooth, regular, CA = 30°.		
	240.13	240.62	0.49				Claystone	dark; silty bands. Iron-clay nodules & bands.		
						790'				
						240.79				

HOLE No. 7702 SHEET No: 33

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
12°	240.62	241.31	0.69				Siltstone	light grey. Claystone & sandstone intercalations.		
	241.31	242.16	0.85					<u>Top of Box 56</u>		
							Sandstone	light grey, fine grained. Siltstone and claystone intercalations.		
						<u>795'</u>				
						242.32				
	242.16	242.74	0.58					as above		
19°	242.74	243.64	0.90				Siltstone	light grey, very sandy. Sandstone & claystone intercalations.		
						<u>800'</u>				
						243.84				
22°	243.64	245.15	1.51				Silty Sandstone	light grey, fine grained. Silty.		
						<u>805'</u>				
						245.36				
	245.15	245.49	0.34					as above. Claystone layers.		
								<u>Top of Box 57</u>		
20°	245.49	248.08	2.59					as above with siltstone layers and claystone laminae. Occasional, thin calcite veins.		
						<u>815'</u>				
						248.41				
	248.08	249.87	1.79					as above		
								<u>Top of Box 58</u>		
15°	249.87	251.18	1.31					as above		
						<u>825'</u>				
						251.46				
	251.18	254.24	3.06					as above		
								<u>Top of Box 59</u>		
	254.24	254.30	0.06					as above		
						<u>835'</u>				
						254.51				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7702 SHEET No: 34

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
13°	254.30	257.31	3.01				as above. Massive		
						845'			
	257.31	258.62	1.31			257.56	as above		
							<u>Top of Box 60</u>		
	258.62	260.37	1.75				as above. Occasional coaly bands.		
						855'			
						260.60			
22°	260.37	261.48	1.11				as above. Silty towards base.		
	261.48	262.99	1.51				Silty Sandstone light grey, fine grained. Claystone laminae.		
							<u>Top of Box 61</u>		
	262.99	263.28	0.29				as above		
						865'			
						263.65			
	263.28	264.41	1.13				Siltstone grey, sandy with claystone and sandstone layers. Joint in centre, rough, curved; CA=10°.		
14°	264.41	265.84	1.43				as above. Sandy at top; grades to claystone at base. Core extensively broken.		
	265.84	266.17	0.33				Core loss rock		
						875'			
						266.70			
	266.17	267.04	0.87				Sandstone light grey. Siltstone & claystone intercalations. Much calcite veining & calcite filled joints. Local "movement" zone.		
	267.04	267.32	0.28				as above. No calcite veining.		
							<u>Top of Box 62</u>		
	267.32	268.70	1.38				Siltstone grey. Sandstone & claystone intercalations.		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 35

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	268.70	269.35	0.65				Sandstone med. grey, fine grained. Silty.		
						885'			
11°	269.35	270.13	0.76	0.76		269.75	as above		
	270.13	270.84	0.71	0.69			Claystone dark, carbonaceous		
	270.84	271.08	0.24	0.23	↑		Core loss coal		
	271.08	271.44	0.36	0.35			Core loss rock		
	271.44	271.61	0.17	0.16			Core loss coal		
	271.61	271.76	0.15	0.14			Core loss rock		
	271.76	272.12	0.36	0.35			Core loss coal		
	272.12	272.26	0.14	0.14			Core loss rock		
	272.26	272.80	0.54	0.52			Core loss coal		
						895'			
						272.80			
	272.80	272.88	0.08	0.08	4/2/1		Coal dull & bright		
	272.88	272.92	0.04	0.04	735		stoney, thin claystone laminae, heavily broken		
	272.92	273.02	0.10	0.10			dull banded; heavily broken		
	273.02	273.09	0.07	0.07			dull (steely)		
	273.09	273.24	0.15	0.15			pulverized - mainly dull		
							<u>Top of Box 63</u>		
	273.24	273.27	0.03	0.03			dull & bright		
	273.27	273.35	0.08	0.08			pulverized (dull banded?)		
	273.35	273.43	0.08	0.08			dull; high ash		
	273.43	273.49	0.06	0.06			Claystone coaly shale. Many coal laminae. Pulverized.		
							coal pieces mixed in		
	273.49	273.55	0.06	0.06			Coal dull (steely) - pulverized. Coaly shale mixed in		
	273.55	273.58	0.03	0.03			sheared		
	273.58	273.62	0.04	0.04			dull; heavy; probably high ash		
	273.62	273.70	0.08	0.08			dull & bright		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7702 SHEET No: 36

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	273.70	273.76	0.06	0.06			dull banded (steely)		
	273.76	273.85	0.09	0.09			dull; heavily broken		
	273.85	273.89	0.04	0.04			pulverized		
	273.89	273.95	0.06	0.06			boney; thin claystone band		
	273.95	274.11	0.16	0.15			dull banded; heavily broken		
	274.11	275.84	1.73	1.70		905	Core loss		
						275.84	coal		
	275.84	275.88	0.04	0.04			dull & bright		
	275.88	275.92	0.04	0.04			boney		
	275.92	275.96	0.04	0.04			dull banded		
	276.96	276.00	0.04	0.04			dull; high ash		
	276.00	276.03	0.03	0.03			dull (steely)		
	276.03	276.08	0.05	0.05			dull; high ash		
	276.08	276.24	0.16	0.15			dull & bright		
	276.24	276.30	0.06	0.06			bright banded		
	276.30	276.38	0.08	0.08			dull banded		
	276.38	276.42	0.04	0.04			boney		
	276.42	276.49	0.07	0.07			bright banded		
	276.49	276.54	0.05	0.05			sheared		
	276.54	278.85	2.31	2.27			Core loss		
	278.85	278.88	0.03	0.03			coal		
	278.88	279.12	0.24	0.23	✓		boney		
							Core loss		
	279.12	279.17	0.05	0.05			rock		
	279.17	279.25	0.08	0.08			sheared		
	279.25	279.34	0.09	0.09			bright		
	279.34	279.49	0.15	0.15	4/1/1		pulverized; sheared		
	279.49	279.63	0.14	0.14	0734		Claystone		
							pulverized; sheared. Coal chips.		
	279.63	279.69	0.06	0.06			Core loss		
	279.69	279.82	0.13	0.13			rock		
	279.82	279.88	0.06	0.06			dull; heavy; high ash		
	279.88	279.95	0.07	0.07			dull & bright; powdered, sheared		
							bright		
							dull & bright		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 20

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						613' / 186.84			
	185.72	186.33	0.61						
							<u>TOP OF BOX 42</u>	4.17	
	186.33	187.14	0.81						
						618' / 188.37			
	187.14	188.57	1.43						
						623' / 189.89			
	188.57	190.15	1.58						
						628' / 191.41			
	190.15	190.49	0.34						
							<u>TOP OF BOX 43</u>	4.28	
	190.49	191.71	1.21			Conglomerate as above pebble			
						633' / 192.94			
	191.71	193.12	1.42						
						638' / 194.46			
	193.12	194.76	1.64						
							<u>TOP OF BOX 44</u>	4.31	
						643' / 195.99			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 38

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						935'			
						284.99			
10°	285.08	285.58	0.50				Silty Sandstone	light grey, fine grained. Siltstone & claystone intercalations.	
	285.58	286.38	0.80				Sandstone	as above. Less silty.	
	286.38	286.83	0.45				Claystone	dark, occasional coal bands.	
	286.83	286.88	0.05				Coal	dull banded	
	286.88	286.93	0.05				Coal & Bands		
	286.93	287.05	0.12				Coal	bright	
	287.05	287.10	0.05					dull banded	
	287.10	287.15	0.05					bright	
	287.15	287.35	0.20				Core loss	coal	
	287.35	287.62	0.27				Silty Claystone	med. grey	
	287.62	288.08	0.46				Silty Sandstone	light grey, fine grained Siltstone & claystone intercalations.	
						945'			
						288.04			
8°	288.08	289.82	1.74				Claystone	dark. Thick sandstone layers in centre.	
								Top of Box 66	
	289.82	290.92	1.10				Sandstone	med. grey, fine grained; silty. Many intercalations of siltstone & claystone.	
						955'			
						291.08			
26°	290.92	291.48	0.56					as above	
	291.48	291.87	0.39				Claystone	dark	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 39

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	291.87	292.77	0.90				Siltstone	grey. Sandstone & claystone intercalations		
	292.77	293.91	1.14				Claystone	dark. Sandstone at base. Occasional calcite veins.		
							<u>Top of Box 67</u>			
						965'				
						294.13				
15'	293.91	295.90	1.99				Sandstone	light grey, fine grained. Claystone & siltstone laminae.		
25'	295.90	296.98	1.08				Claystone	dark; carbonaceous at base. Siltstone & sandstone intercalations		
						975'				
						297.18				
	296.98	298.16	1.18					as above. Carbonaceous at top. Occasional coal bands.		
							<u>Top of Box 68</u>			
10'	298.16	300.06	1.90				Siltstone	grey. Claystone & sandstone layers. Calcite filled joint CA=25'. Grades to sandstone at base.		
						985'				
						300.23				
	300.06	302.44	2.38				Sandstone	light grey, fine grained. Siltstone & claystone intercalations. Heavily veined portion, calcite filled, near top.		
							<u>Top of Box 69</u>			
11'	302.44	303.00	0.56				Claystone	dark, sandy at top		
						995'				
						303.28				
	303.00	304.50	1.50					as above. Coal bands.		
	304.50	304.55	0.05				Coal	bright banded		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7702 SHEET No: 40

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	304.55	304.58	0.03				Claystone	dark, carbonaceous		
	304.58	304.62	0.04				Coal	bright		
	304.62	304.66	0.04				Claystone	as above		
	304.66	304.74	0.08				Coal	bright banded; ash bands		
	304.74	305.10	0.36				Core loss	coal		
	305.10	305.23	0.13				Claystone	as above. Extensively broken		
	305.23	305.45	0.22				Core loss	rock		
	305.45	305.81	0.36					as above. Unbroken		
	305.81	306.32	0.51				Siltstone	med. grey. Sandstone layers & claystone laminae		
								<u>1005'</u>		
								306.32		
	306.32	306.89	0.57				Claystone	dark. Coal bands. Grades to siltstone at base		
15°	306.89	307.24	0.35				Sandstone	light grey, fine grained. Argillaceous laminae. <u>Top of Box 70</u>		
	307.24	308.37	1.13					as above		
	308.37	309.24	0.87					as above to med. grey - med. grained. Massive.		
								<u>1015'</u>		
								309.37		
	309.24	311.56	2.32					as above		
								<u>Top of Box 71</u>		
	311.56	312.29	0.73					as above. Coal bands at base		
								<u>1025'</u>		
								312.42		
18°	312.29	315.29	3.00				Sandstone	med. grey, med. to coarse grained. Coal bands and occasional calcite veins.		
								<u>1035'</u>		
								315.47		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7702 SHEET No: 41

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	315.29	315.84	0.55				as above		
							<u>Top of Box 72</u>		
	315.84	318.31	2.47				as above. Substantial calcite veining and "intrusion" of coal along fracture surfaces.		
						1045'			
						318.52			
10 ^c	318.31	320.09	1.78				as above; fine grained. Argillaceous. Siltstone & claystone intercalations.		
	320.09	320.49	0.40				Core loss rock		
							<u>Top of Box 73</u>		
5 ^c	320.49	321.36	0.87				as above. Thick calcite veins. Small amount of breccia in one local movement zone		
						1055'			
						321.56			
12 ^c	321.36	322.13	0.77				as above		
	322.13	324.10	1.97				Claystone dark breaks along sheared, listric surfaces. Thick calcite veins at top. Faulted contact with overlying sandstone		
						1065'			
						324.61			
	324.10	324.59	0.49				as above. Occasional calcite veins. Less disturbance.		
							<u>Top of Box 74</u>		
	324.59	326.03	1.44				as above; sheared		
	326.03	326.29	0.26				Core loss rock		
	326.29	327.33	1.04				Sandstone med. grey, med. grained. Some thick calcite filled fractures. Massive		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 42
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						<u>1075'</u> 327.66			
22 ^a	327.33	329.14	1.81				as above		
							<u>Top of Box 75</u>		
	329.14	330.39	1.25				as above		
						<u>1085'</u> 330.71			
	330.39	330.94	0.55				as above		
15 ^c	330.94	333.39	2.45				Sandstone		
							light grey, fine to med. grained. Argillaceous heavy calcite veining at top. Occasional coal bands		
						<u>1095'</u> 333.76			
10 ^c	333.39	336.45	3.06				as above		
						<u>1105'</u> 336.80			
20 ^c	336.45	337.69	1.24				as above; grades to siltstone at base		
							<u>Top of Box 77</u>		
	337.69	339.22	1.53				Siltstone		
							light grey. Occasional sandy bands		
	339.22	339.51	0.29				Claystone		
							dark grey		
						<u>1115'</u> 339.85			
	339.51	340.82	1.31				Silty Claystone		
							light grey. Dark grey & carbonaceous at top occasional siltstone & sandstone layers		
	340.82	341.99	1.17				Siltstone		
							grey, sandstone & claystone intercalations		
							<u>Top of Box 78</u>		
	341.99	342.60	0.61				Silty Sandstone		
							med. grey, fine grained		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 43

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						1125' 342.90			
7°	342.60	345.59	2.99			Sandstone	med. gray, fine grained. Siltstone & claystone layers		
						1135' 345.95			
	345.59	346.29	0.70				as above		
							<u>Top of Box 79</u>		
	346.29	348.71	2.42				as above. Massive & clean at base		
						1145' 349.00			
10°	348.71	349.20	0.49			Sandstone	med. grey, med. grained. Massive. Siltstone laminae at base.		
	349.20	350.65	1.45				Siltstone	grey, sandstone intercalations & occasional claystone layers	
							<u>Top of Box 80</u>		
	350.65	351.63	0.98				Silty Claystone	med. grey	
						1155' 352.04			
6°	351.63	354.76	3.13				Siltstone	grey sandstone & claystone intercalations occasional calcite veins	
						1165' 355.09			
	354.76	354.95	0.19				Sandstone	light grey, fine grained. Claystone laminae	
							<u>Top of Box 81</u>		
6°	354.95	357.52	2.57					as above	
						1175' 358.14			
	357.52	359.24	1.72					as above. Joint at base; surface is smooth & regular; CA = 75°	
							<u>Top of Box 82</u>		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7702 SHEET No: 44

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
14 ^c	359.24	360.62	1.38				Siltstone	grey, sandstone & claystone intercalations		
						1185'		Occasional calcite veins.		
						361.19				
4 ^c	360.62	362.42	1.80	1.77				as above		
	362.42	363.02	0.60	0.58			Claystone	dark. Carbonaceous towards base. Coaly bands		
							SEAM 2 (UPPER)			
	363.02	363.09	0.07	0.07			Coal	bright; ash bands		
	363.09	363.36	0.27	0.26			Core loss	coal		
	363.36	363.43	0.07	0.07			Claystone	dark, carbonaceous		
	363.43	363.57	0.14	0.14			Core loss	rock		
							1195'			
							364.24			
	363.57	363.70	0.13	0.13			Claystone	as above		
								Top of Box 83		
	363.70	363.97	0.27	0.26			Coal	stoney; powdered at base		
	363.97	364.02	0.05	0.05				dull banded; powdered at top (steely)		
	364.02	364.15	0.13	0.13				dull (steely)		
	364.15	364.26	0.11	0.11				powdered; mainly dull		
	364.26	364.32	0.06	0.06				dull banded (steely)		
	364.32	364.40	0.08	0.08				dull & bright		
	364.40	364.49	0.09	0.09			2/4/2	dull banded		
	364.49	364.58	0.09	0.09			0731	dull; sheared		
	364.58	364.62	0.04	0.04				dull (steely)		
	364.62	364.66	0.04	0.04				dull		
	364.66	364.90	0.24	0.23				sheared; pulverized		
	364.90	365.50	0.60	0.58			Core loss	coal		
							1201			
							366.06			
	365.50	365.67	0.17	0.17			Claystone	dark, very carbonaceous. Coal streaks. Heavily broken and powdered. Intermixed stoney coal & coal powder		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 45

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	365.67	365.90	0.23	0.22			Core loss		
	365.90	365.96	0.06	0.06			Coal		
							rock		
							pulverized (dull banded?)		
							intermixed stoney coal		
							& claystone chips.		
	365.96	366.02	0.06	0.06			dull & bright		
	366.02	366.15	0.13	0.13			pulverized (dull & bright?)		
	366.15	366.22	0.07	0.07			dull		
						<u>1205'</u>			
						367.28			
	366.22	366.35	0.13	0.13			dull; woody		
	366.35	366.42	0.07	0.07			dull (steely)		
	366.42	366.60	0.18	0.17	2/4/1		pulverized (dull banded?)		
	366.60	366.67	0.07	0.07	0730		Some claystone chips		
	366.67	366.77	0.10	0.10			dull & bright; woody bands		
	366.77	366.86	0.09	0.09			pulverized (dull & bright?)		
	366.86	366.92	0.06	0.06			bright banded		
							pulverized (bright banded?)		
						<u>1210'</u>			
						368.81			
	366.92	367.00	0.08	0.08			dull banded		
	367.00	369.04	2.04	2.00			Core loss		
							coal		
	369.04	369.56	0.52	0.50			Claystone		
							dark, carbonaceous. Coal streaks & bands. Tectonised.		
							Many thin calcite veins. Slickensided along fracture surface.		
						<u>1215'</u>			
						370.33			
(18)	369.56	369.99	0.43	0.41			as above		
	369.99	370.93	0.94	0.85			as above		
	370.93	371.04	0.11	0.09			Core loss		
							rock		
	371.04	371.08	0.04	0.04	2/3/1		Coal		
	371.08	371.17	0.09	0.08			dull (steely)		
							pulverised (dull?)		

Top of Box 84

SEAM 2 (LOWER)

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7702 SHEET No: 46

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	371.17	371.26	0.09	0.08			dull banded (steely)		
		371.36	0.10	0.09	729		pulverised (dull banded?) A few claystone chips		
		371.45	0.09	0.08	2/3/1		sheared		
		372.21	0.76	0.68			Core loss coal		
		372.25	0.04	0.04	0728		Claystone sheared		
		372.63	0.38	0.34	2/2/1		Claystone dark coal bands & streaks. Sheared & fractured		
		372.71	0.08	0.07			Core loss Coal.		
		372.91	0.20	0.18			Core loss rock		
						1225'			
						373.38			
	372.91	373.15	0.24	0.22			Coal dull; somewhat sheared		
		373.22	0.07	0.07			dull & bright		
		375.97	2.75	2.49		1235'	Core loss coal		
						376.43			
	375.97	376.05	0.08	0.07			dull; sheared		
		376.09	0.04	0.04			bright banded; sheared		
		376.13	0.04	0.04			stoney		
		376.18	0.05	0.05			dull		
		376.23	0.05	0.05	0727		boney		
		376.30	0.07	0.07	2/1/1		bright banded		
		376.41	0.11	0.10			dull & bright		
	376.41	378.19	1.78	1.60			Core loss coal		
	378.19	378.29	0.10	0.09			Claystone dark, carbonaceous. Coaly bands		
32°	378.29	379.11	0.82	0.74			Sandstone med. grey, fine grained. Argillaceous; silty intercalation.		
						1245'			
						379.48			
	379.11	379.50	0.39				as above		
							Top of Box 85		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 47

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
33'	379.50	382.24	2.74				Sandstone med. grey, med. grained. Claystone & siltstone layers Occasional calcite veins. Joint at base, smooth, regular; CA = 70		
						1255' 382.52			
	382.24	383.10	0.86				Claystone dark siltstone & sandstone intercalations		
28'	383.10	383.63	0.53				Siltstone grey. Sandstone & claystone intercalations		
							<u>Top of Box 86</u>		
29'	383.63	385.18	1.55	1.41			as above		
						1265' 385.57			
	385.18	385.86	0.68	0.61			Claystone dark, carbonaceous		
							SEAM \nearrow UPPER SPLIT		
	385.86	386.64	0.78	0.70			Core loss coal		
		386.76	0.12	0.11			Coal dull banded (steely)		
		386.84	0.08	0.07		1/5/2	bright		
		387.00	0.16	0.14		0733	dull & bright; woody bands		
		387.08	0.08	0.07			bright banded		
		387.17	0.09	0.08			dull & bright		
		387.23	0.06	0.06			dull (steely)		
		387.29	0.06	0.06			bright; some woody bands		
		387.35	0.06	0.06			dull banded (steely)		
		387.45	0.10	0.09			bright		
		387.50	0.05	0.05			dull (steely)		
		387.59	0.09	0.08			dull & bright		
		387.67	0.08	0.07			dull (steely)		
		387.73	0.06	0.06			bright		
		387.78	0.05	0.05			dull & bright		
		387.83	0.05	0.05			dull (steely)		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7702 SHEET No: 48

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	387.83	387.91	0.08	0.07			bright banded		
		387.95	0.04	0.04			dull & bright		
		388.00	0.05	0.05			dull banded (steely)		
		388.09	0.09	0.08			sheared		
		388.11	0.02	0.02	1/5/2		dull (steely)		
	388.11	388.16	0.05	0.05	0733		Claystone		
	388.16	388.48	0.30	0.27			Core loss		
	388.48	388.58	0.10	0.09			Coal		
							pulverized; mainly bright banded. Some claystone powder.		
		388.64	0.06	0.06			pulverised; mainly dull banded		
		388.71	0.07	0.07			pulverised; mainly bright banded		
						1275'			
					X	388.62			
	388.77	388.73	0.02	0.02			dull (steely)		
		388.76	0.03	0.03			stoney		
		388.81	0.05	0.05			dull & bright		
		389.07	0.20	0.18			dull banded (steely)		
		389.17	0.16	0.15			dull & bright		
		389.26	0.09	0.08	1/5/1		dull banded		
		389.30	0.04	0.04	0732		bright		
		389.37	0.07	0.07			sheared		
		389.42	0.05	0.05			dull & bright		
		389.50	0.08	0.07			dull & bright (dull portion is woody)		
		389.54	0.04	0.04			sheared		
		389.66	0.12	0.11			dull banded; sheared		
		389.71	0.05	0.05			dull		
		389.88	0.17	0.16			dull banded		
	389.88	390.10	0.22	0.20	✓		pulverised; sheared		
	390.10	390.95	0.85	0.77			Claystone		
							dark. Very carbonaceous, coal streaks. Tectonised, sheared. Thin calcite veins.		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 49

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	390.95	391.20	0.25	0.23			Claystone	as above. Heavily sheared & broken		
	391.20	391.52	0.32	0.29			Core loss	rock		
						1285'				
						391.67				
	391.52	392.91	1.39	1.27				as above. Tectonised still. Some calcite washed out from veins.		
								<u>Top of Box 88</u>		
	392.91	393.11	0.20	0.18				as above. Pulverised at base & intermixed with coal powder.		
						SEAM	MIDDLE SPALT			
	393.11	393.44	0.33	0.30		↑	Coal	pulverised; sheared. Pulverised claystone mixed in at top & base		
	393.44	393.82	0.38	0.34		1/4/1	Core loss	coal		
	393.82	394.04	0.22	0.20		0726	Core loss	rock		
	394.04	394.43	0.39	0.35			Core loss	coal		
						1295'				
						↓	394.72			
	394.43	394.88	0.45	0.40		1/3/1	Claystone	dark, carbonaceous, tectonised		
	394.88	394.99	0.11	0.10		↑	Coal	dull & bright		
		395.02	0.03	0.03				bright		
		395.05	0.03	0.03		1/2/1		dull (steely)		
		395.11	0.06	0.06		0724		bright		
		395.20	0.09	0.08				bright banded		
		395.29	0.09	0.08				bright; woody bands; sheared		
		395.34	0.05	0.05				dull; sheared		
		395.38	0.04	0.04				stoney		
		395.43	0.05	0.05				dull (steely)		
		395.51	0.08	0.08				dull & bright		
	395.51	395.63	0.12	0.11		↓	Core loss	coal		
	395.63	395.71	0.08	0.08			Claystone	dark, carbonaceous, coal streaks		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 50

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	395.71	396.98	1.27	1.16			as above. Occasional thin calcite veins, coal bands		
	396.98	397.26	0.28	0.25			Siltstone grey, clay - rich at top . Some sandstone lenses and thin coal bands.		
						1305' 397.76			
12°	397.26	397.71	0.45	0.40			Silty Claystone dark grey. Siltstone & sandstone intercalations		
	397.71	397.98	0.27	0.24			Siltstone grey, claystone & sandstone intercalations		
							<u>Top of Box 89</u>		
19°	397.98	400.38	2.40	2.19			as above		
						1315' 400.81			
	400.38	401.75	1.37	1.30			as above		
17°	401.75	402.38	0.63	0.60			Sandstone light grey, fine grained. Claystone bands at top Argillaceous laminae throughout.		
							<u>Top of Box 90</u>		
	402.38	403.32	0.94	0.90			Claystone dark, carbonaceous. Occasional thin coal bands		
						1325' 403.86			
	403.32	403.89	0.57	0.54			as above; iron-clay nodules.		
	403.89	404.80	0.91	0.90			Silty Claystone dark grey; grades to sandstone at base		
19°	404.80	405.36	0.56	0.51			Sandstone light grey, fine grained. Claystone intercalations		
8°	405.36	406.20	0.84	0.76			Claystone dark. Many sandstone layers		
							SEAM LOWER SPLIT		
	406.20	406.28	0.08	0.07		///	Coal dull banded (steely)		
	406.28	406.31	0.03	0.03		0723	dull & bright		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7702 SHEET No: 51

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	406.31	406.44	0.13	0.11			dull & bright; woody bands		
						1335'			
						406.91	Top of Box 91		
	406.46		0.02	0.02			bright		
	406.50		0.04	0.04			stoney, with thin bright bands		
	406.59		0.09	0.08			dull banded (steely)		
	406.67		0.08	0.07			bright		
	406.70		0.03	0.03	11/11		dull		
	406.78		0.08	0.08	0723		dull banded		
	406.85		0.07	0.07			dull & bright		
	406.89		0.04	0.04			stoney		
	406.89	407.00	0.11	0.10			Core loss coal		
	407.00	407.09	0.09	0.08			Claystone dark, carbonaceous		
	407.09	407.12	0.03	0.03			Coal bright banded		
	407.12	407.42	0.30	0.27			Siltstone dark grey		
	407.42	408.07	0.65	0.59			Claystone dark		
	408.07	408.48	0.41				Siltstone dark grey		
	408.48	408.89	0.41				Core loss rock		
	408.89	408.93	0.04				Coal pulverised (bright?)		
	408.93	409.03	0.10				Core loss coal		
	409.03	409.81	0.78				Sandstone med. grey, med. grained. Massive		
						1345'			
						409.96			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7702 SHEET No: 52

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	409.87	411.67	1.80				as above. Many worm burrows in lower part of core. Gives the sandstone a very mottled appearance		
							Top of Box 92		
22'	411.67	413.00	1.39				as above. Massive. Many worm burrows in top metre.		
						1355'			
						413.00			
							<u>END OF HOLE</u>		

SAXON PROJECT (SAXON EAST)

HOLE NO. SD 7703 BEARING -- ANGLE 90° TOTAL DEPTH 291.39
COORDINATES 6023864.0 N 688721.9 E COLLAR ELEVATION 1716.5

Seam No. 1 Elevation of Seam (Base) 1448.4

Seam Interval: 261.30 - 268.05

True Thickness of Mining Section: 5.51 Coal 5.44 Coal

Rock 0.07 Rock

Core Recovery: 56 % %

INTERSEAM THICKNESS: 25.48

Seam No. 2 Elevation of Seam (Base) 1480.7

Seam Interval: 227.13 - 235.82

True Thickness of Mining Section: 6.74 Coal 6.14 Coal

Rock 0.60 Rock

Core Recovery: 64 % %

INTERSEAM THICKNESS: 74.25

Seam No. 4 Elevation of Seam (Base) 1589.2

Seam Interval: 122.44 - 127.27

True Thickness of Mining Section: 3.78 Coal 3.51 Coal

Rock 0.27 Rock

Core Recovery: 53 % %

INTERSEAM THICKNESS:

Seam No. Elevation of Seam (Base)

Seam Interval:

True Thickness of Mining Section: Coal Coal

Rock Rock

Core Recovery: % %

INTERSEAM THICKNESS:

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7703 SHEET No: 1

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: March 1977 ELEV. COLLAR: _____ TOTAL DEPTH: 291.40 COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: 90 LOGGED BY: I. Delas CORE SIZE: HQ



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	0.00	3.59					Core loss casing		
	3.59	4.88	1.29				Sandstone light grey, med. gr. oxidized & broken, occasionally carbon laminae.		
						16' / 4.88			
43'		4.99	0.11				Sandstone as above		
		7.65	2.66				Sandstone med. to coarse grained, massive		
		7.91	0.26				Sandstone as above End of Box 1		
						26' / 7.92			
		8.26	0.35				Sandstone as above		
		8.39	0.13				Sandstone grey to yellow, fine to med. grained. oxidized		
		8.54	0.15				Sandstone Fine - med. gr. massive		
		9.24	0.70				Sandstone med. grey, med. grained, massive		
		9.36	0.12				Sandstone as above, partly oxidized		
		10.86	1.50				Sandstone dark grey, black coaly inclusions and laminae, med. grained		
						36' / 10.97			
		11.16	0.30				Sandstone as above, one 0.02 vein of CaCO ₃ at base		
		11.89	0.73				Sandstone light grey, med. gr. regular bedded massive		
							End of Box 2		
		13.20	1.31				Sandstone as above - fine to med. grained.		
	13.20	13.32	0.12				Siltstone dark grey, carbonaceous, highly broken		
45'	13.32	13.46	0.14				Sandstone dark grey, fine to med. grey irregular carbon-laminae		
		13.73	0.27				Sandstone med. to dark gr., fine grind with some carbon specks		
	13.73	14.02	0.29				Core loss		
						46' / 14.02			
	14.02	14.51	0.49				Sandstone med. grey, med. grained very fine bedded, massive		
		14.66	0.15				Sandstone as above but partly oxidized		
		15.60	0.94				Sandstone as above (not oxidized)		
	15.60	16.28	0.68				Siltstone med. grey, some carbon inclusions at base, massive at top		
						54' / 16.46			
							End of Box 3		
		17.01	0.73				Siltstone as above, sandy at base		
						56' / 17.07			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7703 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
50	17.01	18.63	1.62				Sandstone	med to dark grey, med. grained, massive.		
	18.63	19.81	1.18				Claystone	dark grey, carbonaceous; many plant fossils		
						66'/20.12				
		20.18	0.37				Claystone	as above	End of Box 4	
		21.04	0.86				Claystone	dark grey, with some fragments of fossils, massive		
	21.04	21.29	0.25				Core loss	claystone		
	21.29	21.79	0.50				Siltstone	dark grey, massive, sandy at base		
	21.79	23.16	1.37				Sandstone	very fine grained, massive		
						76'/23.16				
		23.26	0.10				Sandstone	as above		
	23.26	23.44	0.18				Silty Claystone	dark to black, carbon, with some plant fossils - broken		
	23.44	24.71	1.27				Sandstone	lt. grey, fine to med. grained, regular bedded, some coaly laminae at base, massive		
								End of Box 5		
55		25.43	0.72				Sandstone	as above		
	25.43	25.90	0.47				Core loss	coal		
	25.90	26.00	0.10				Claystone	dark to black with specks and stringers of coal, argillaceous		
	26.00	26.32	0.32				Silty Claystone	lt. to med. grey, thin layers, irregular, weathered		
		27.20	0.88				Silty Claystone	as above		
	27.20	27.29	0.09				Claystone	very carbonaceous with coaly laminae, highly broken		
						92'/28.04				
		27.55	0.26				Claystone	as above		
	27.55	29.18	1.63				Silty Claystone	med. grey, reg. bedded, massive		
								End of Box 6		
		29.68	0.50				Silty Claystone	as above - dark grey		
						100'/30.48				
		30.24	0.56				Silty Claystone	as above		
	30.24	30.72	0.48				Claystone	carbon, sheared, slickensides, coaly at base, highly broken		
						106'/32.31				
		30.93	0.21				Claystone	as above		
	30.93	32.52	1.59				Core loss	claystone		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7703 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	32.52	32.96	0.44				Silty Claystone	lt. grey with carbon fragments		
	32.96	33.41	0.45				Claystone	very carbonaceous, sheared and broken		
	33.41	35.20	1.79				Core loss	claystone		
	35.20	35.53	0.33	0.21		111'/33.83	Coal	coal mixed with drilling mud (any separation impossible)		
	35.53	35.95	0.42	0.26			Coal loss			
	35.95	36.37	0.42	0.26			Claystone	carbon very sheared & broken, slickensides		
						120'/36.58				
		36.94	0.57	0.36			Claystone	as above		End of Box 7
		37.30	0.36	0.23			Claystone	as above		
		37.68	0.38	0.24			Claystone	carbon, sheared, top broken & mixed with drill. mud.		
						124'/37.80				
	37.68	38.10	0.42	0.26			Core loss	claystone		
	38.10	38.17	0.07	0.04			Coal -	dull banded, partly sheared		
	38.17	39.60	1.43	0.10			Coal loss			
47	39.60	39.77	0.17				Sandstone	lt. to med. grey, fine grained, some carb. fragments		
	39.77	40.47	0.70				Siltstone	med. grey with sandy bands and laminae, massive		
	40.47	41.05	0.58				Sandstone	lt. grey, fine grained, silty at base		
						136'/41.45				
	41.05	41.70	0.65				Claystone	dk. grey, with some coaly laminae, fossiliferous		
	41.70	42.06	0.36				Claystone loss			
	42.06	42.26	0.20				Sandstone	fine grained with irregularly thin silty bands		
	42.26	42.83	0.57				Claystone	as claystone above		
45	42.83	42.98	0.15				Sandstone	fine grained, massive		
						141'/42.98				
		43.29	0.31				Sandstone	as above		
		44.57	1.28				Sandstone	as above		
		44.70	0.13				Sandstone	as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7703 SHEET No: 4

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	44.70	44.74	0.04				Coal	bright		
	44.74	45.61	0.87				Sandstone	lt. grey med. grained, massive		
						151'/46.02				
58		46.66	1.58				Sandstone	as above with few CaCo ₃ veins	End of Box 9	
						156'/47.55				
		48.24	0.69				Sandstone	as above, silty at base		
	48.24	48.81	0.57				Claystone	dk. grey, few thin laminae of coal		
	48.81	49.14	0.33				Sandstone	fine grained, with occasionally silty laminae		
						161'/49.07				
		49.32	0.18				Sandstone	med. grained with carbon specks		
	49.32	50.35	1.03				Claystone	dk. grey, partly carbon few thin coal layers		
						166'/50.60				
		50.68	0.33				Claystone	very carbonaceous and highly broken		
		51.34	0.66				Claystone	as above, more compact and massive	End of Box 10	
		52.15	0.81				Claystone	as above - plant fossil fragments		
						171'/52.12				
	52.15	52.50	0.35				Claystone & Coal	carbonaceous, highly mixed and broken		
	52.50	52.81	0.31				Sandstone	lt. grey, fine grained, irregular, silty bands		
	52.81	55.01	0.20				Claystone	dk. grey with black specks & layers of coal		
						181'/55.17				
		55.38	0.37				Claystone	as above	End of Box 11	
		55.83	0.45				Claystone	dk. grey - carbonaceous fragments - occasionally		
	55.83	55.86	0.03				Claystone & Coal	carbonaceous, sheared & highly broken		
	55.86	56.22	0.39				Claystone	dk. carbon - sheared/broken		
		56.39	0.17				Claystone	as above		
	56.39	57.15	0.76	0.40			Coal loss			
						186'/56.69				
	57.15	57.65	0.50				Claystone	as claystone above, sheared		
						189'/57.61				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7703 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
		57.70	0.05				Claystone	carbon, sheared and broken	
	57.70	58.40	0.70				Claystone loss		
	58.40	58.60	0.20	0.11			Coal	sheared - broken	
	58.60	58.82	0.22	0.12			Coal	dull - pulverized	
	58.82	59.37	0.55				Claystone	carbonecious, slickensides	
		59.71	0.34				Claystone	partly carbonecious, silty toward base	
						196'/59.74			
		60.28	0.57				Claystone	as above - occasionally silty	
	60.28	60.67	0.39				Siltstone	dark grey, massive	End of Box 12
	60.67	61.57	0.90				Claystone	dk. grey with carbon inclusions, regular bedded	
	61.57	62.15	0.58				Sandstone	fine grained, occasionally, small silty bands	
						205'/62.48			
		64.99	2.84				Sandstone	as above	End of Box 13
		65.14	0.15				Sandstone	as above	
	65.14	65.69	0.55			215.3'/65.62	Claystone	black, carbon with coaly inclusions	
		66.02	0.33				Claystone	as above	
	66.02	66.40	0.38				Claystone loss		
						219'/66.75			
	66.40	66.56	0.16	0.09			Coal	dull, sheared, highly broken	
	66.56	66.63	0.07	0.04			Coal	sheared, broken	
	66.63	66.83	0.20	0.11			Claystone	as one above, very carbonecious	
	66.83	67.11	0.28	0.16			Coal	sheared, pulverized	
	67.11	67.76	0.65				Claystone	loss	
	67.76	68.04	0.28				Claystone	carbonecious, broken	
	68.04	68.88	0.84				Sandstone	med. grey, fine grained with irregular silty layers	
						226'/68.88			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7703 SHEET No: 6

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	68.88	69.02	0.14				Siltstone	med. grey, sandy toward base, massive		
65	69.02	69.86	0.84				Sandstone	lt. to med. grey, fine grained, irregular silty.	bands	
	69.86	70.21	0.35				Silty Claystone	med. grey regular bedded, massive	massive.	
		70.75	0.54				Silty Claystone	as above <u>End of Box 14</u>		
	70.75	71.54	0.79				Siltstone	dk grey, sandy		
	71.54	71.85	0.31				Claystone	very carbonaceous with thin coaly beds.		
					236'/71	.93				
		72.58	0.73				Claystone	as above with fragments of plant fossils		
	72.58	72.63	0.05				Coal	dull friable		
	72.63	74.06	1.43				Claystone	dark, massive fossiliferous		
	74.06	74.55	0.49				Sandstone	very fine grained, occasionally silty, massive		
								<u>End of Box 15</u>		
		74.98	0.43				Sandstone	as above		
					246'/74	.98				
	74.98	75.46	0.48				Siltstone	med. grey, massive		
40	75.46	76.18	0.72				Sandstone	med. grey, very fine grained, some carbon specks		
	76.18	78.02	1.84				Siltstone	as siltstone above, sandy toward base.		
					256'/78	.03				
	78.02	78.63	0.61				Sandstone	med. grey, fine grained, massive		
		81.08	2.45				Sandstone	as above <u>End of Box 16</u>		
					266'/81	.08				
42		82.43	1.35				Sandstone	as above		
	82.43	82.99	0.56				Siltstone	dk. to med. grey, uniform massive		
								<u>End of Box 17</u>		
	82.99	84.05	1.06				Silty Claystone	dk. grey, regular bedded		
					276'/84	.12				
		84.61	0.56				Silty Claystone	as above		
	84.61	85.04	0.43				Sandstone	dk, very fine grained, silty laminae, occasionally.		
	85.04	85.71	0.67				Claystone	black carbon with coaly inclusions & stringers		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7703 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	85.71	85.74	0.03				Coal	bright friable		
	85.74	86.16	0.42				Claystone	as claystone above		
45	86.16	86.59	0.43				Sandstone	very fine grained, small layers of siltstone & claystone occasionally interbedded		
	86.59	86.94	0.35				Siltstone	dark grey massive		
						286'/87.17				
	86.94	87.11	0.17				Sandstone	lt. grey, fine grained massive <u>End of Box 18</u>		
		89.29	2.18				Sandstone	as above		
	89.29	89.42	0.13				Claystone	very carbonaceous with thin coaly layers		
	89.42	89.50	0.08	0.06			Coal	sheared, highly broken		
	89.50	89.60	0.10	0.07			Coal	bright banded		
	89.60	89.79	0.19	0.14			Coal	dull - bright, friable		
	89.79	89.95	0.16				Claystone	black, carbon slickensides		
	89.95	90.22	0.27				Claystone loss			
						296'/90.22				
	90.22	91.69	1.47				Sandstone	lt. to med. grey, fine grained - silty <u>End of Box 19</u>		
		91.88	0.19				Sandstone	as above		
	91.88	93.29	1.41				Siltstone	med. grey, some carbonaceous laminae and inclusions		
						306'/93.27				
41	93.29	96.04	2.75				Sandstone	very fine grained occasionally change into siltstone few fragments of plantfossils. <u>End of Box 20</u>		
		96.40	0.36				Sandstone	as above		
						316'/95.32				
		97.05	0.65				Sandstone	as above		
	97.05	98.96	1.91				Siltstone	med grey, very massive		
	98.96	99.45	0.49				Sandstone	lt. grey, fine grained, massive		
						326'/99.36				
		100.30	0.85				Sandstone	as above <u>End of Box 21</u>		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7703 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
		102.52	2.22				Sandstone	As above		
	102.52	102.57	0.05				Claystone	very carbonaceous, coal, laminae and specks.		
						336' /	102.41			
		102.66	0.09				Claystone	as above		
	102.66	102.70	0.04				Coal and claystone	highly broken, mixed.		
	102.70	103.44	0.74				Sandstone	light to med. goes fine grained, stainings of CaCO ₃		
	103.44	103.50	0.06	0.05			Coal	dull banded		
	103.50	103.60	0.10	0.08			Coal, Loss			
	103.60	103.96	0.36				Claystone Loss			
						341' /	103.94			
	103.96	104.13	0.17				Claystone	carbonaceous with wisps and specks of coal		
	104.13	104.43	0.30				Silty claystone	med. grey sandy toward base.		
40°	104.43	104.57	0.14				Sandstone	fine grained, occasionally carbon stringers		
		104.83	0.26				"	as above	END OF BOX 22	
	104.83	105.46	0.63				Silty claystone	dark grey, regular beded, massive compact.		
						346' /	105.46			
		108.25	2.79				Silty claystone	as above		
						356' /	108.51			
		108.82	0.57				Silty claystone	as above		
		108.91	0.09				Silty claystone	as above	END OF BOX 23	
	108.91	111.35	2.44				Siltstone	Med. grey with sand laminae, and carbon specks		
						366' /	111.56			
34°		113.12	1.77				Siltstone	as above	END OF BOX 24	
		114.51	1.39				Siltstone	as above		
		117.45	2.94			376' /	114.60	"		
		117.60	0.15				Siltstone	as above	END OF BOX 25	
		119.05	1.45			386' /	117.65	"		
	119.05	119.19	0.14				Claystone	dark, fossiliferous with coal layers toward base		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7703 SHEET No: 9

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	119.19	119.27	0.08	0.06			Coal	bright banded		
	119.27	119.36	0.09				Claystone	carbonecious with bright thin beds of coal		
		119.51	0.15			392' /	119.48 "	as above		
		120.41	0.90				Claystone	as above, but silty at base		
						396' /	120.70			
	120.41	121.24	0.83				Silty claystone	med. grey, regular bedded, massive.		
							END OF BOX 26			
	121.24	122.25	1.01				Claystone	occasionally silty bands, fossiliferous		
		122.44	0.19				Claystone	very carbon and coaly, highly broken.		
	122.44	122.71	0.27	0.21			Coal	loss		
	122.71	123.06	0.35	0.27			Claystone	loss		
						406' /	123.75			
	123.06	123.23	0.17	0.13			Coal	sheared, highly broken		
		123.54	0.31	0.24				dull - bright		
		123.99	0.45	0.35				dull - banded		
	123.99	125.27	1.28	1.00	4/1/2	411' /	125.27	Coal	loss	
	125.27	125.68	0.41	0.32			Coal	dull, banded		
	125.68	125.88	0.20	0.16			Coal	loss		
						413' /	125.88			
	125.88	126.11	0.23	0.18			Coal	dull - bright		
		126.26	0.15	0.12				sheared		
		126.33	0.07	0.05				bright - dull		
		126.43	0.10	0.08	4/1/1			dull		
		126.61	0.18	0.14				bright banded		
		126.67	0.06	0.05				dull - bright		
		126.85	0.18	0.14				sheared - highly broken		

416' / 126.80

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7703 SHEET No: 10

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
		127.08	0.23	0.19	4/1/1		Coal	bright		
	127.08	127.27	0.19	0.15			Coal	loss		
						420' /	128.02	END OF BOX 27		
	127.27	127.52	0.25	0.19			Claystone	very carbonecious, thin coal cayer - slickensides		
	127.52	127.72	0.20	0.16			Claystone	loss		
	127.72	127.84	0.12	0.09			Coal	loss		
	127.84	127.96	0.12	0.09			Claystone	loss		
	127.96	128.15	0.19	0.15			Coal	loss		
	128.15	128.44	0.29	0.23			Claystone	loss		
	128.44	128.56	0.12	0.09			Coal	loss		
						424' /	129.24			
	128.56	129.17	0.61	0.47			Claystone	carbonecious, with coal inclusions, slickensides		
	129.17	129.23	0.05	0.04			Coal	bright		
						426' /	129.24			
	129.23	129.45	0.22				Claystone	dark grey - carbonecious at top		
	129.45	131.82	1.37				Silty claystone	med. grey, massive		
	131.82	132.89	1.07				Siltstone	light grey, regular bedded sandy toward base		
						436' /	132.89			
		133.09	0.20				Siltstone	as above with CaCO ₃ veins	END OF BOX 28	
		133.47	0.38				Siltstone	as above		
	133.47	134.10	0.63				Silty claystone	med. grey with few carbon stringers		
	134.10	134.52	0.42				Claystone	carbonecious, and coal thin/layers interbeded		
	134.52	134.98	0.46				Sandstone	light grey, very fine grained, occassionally silty.		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7703 SHEET No: 11

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	134.98	135.73	0.75				Claystone	dark grey, very carbon at top.	
	135.73	135.94	0.21				Claystone	loss	
					446'	135.94			
	135.94	136.81	0.87				Siltstone	med. grey, sandy toward base.	
45°	136.81	137.00	0.19				Sandstone	light grey, fine grained, massive	
	137.00	137.37	0.37				Siltstone	as siltstone above - sandy	
							<u>END OF BOX 29</u>		
	137.37	137.95	0.58				Sandstone	light grey, fine grained with irregular silty laminae	
	137.95	139.06	1.11				Siltstone	med. grey, massive	
					456'	138.99			
		141.69	2.63				Siltstone	as above	END OF BOX 30
		142.11	0.42				Siltstone	as above	
		143.96	1.85		466'	142.04	"	as above	
	143.96	144.51	0.55				Claystone	carbon, coaly specks and laminae occasionally interbedded.	
	144.51	145.09	0.58				Silty claystone	dark grey massiv.	
					476'	145.08			
		145.77	0.68				Silty claystone	as above	END OF BOX 31
		146.09	0.32				Silty claystone	as above	
	146.09	147.06	0.97				Siltstone	light grey massive	
	147.06	148.09	1.03				Sandstone	light or fine grained, CaCO ₃ in stringers	
					486'	148.13			
	148.09	148.32	0.23				Siltstone	as siltstone above	
		149.94	1.67				Siltstone	med. grey, sandy few plant fossils fragments broken at base	
		151.06	1.07				Siltstone	as above	END OF BOX 32
					496'	151.18			
47°	151.06	152.27	1.21				Sandstone	light to med. grey, occasionally silty, CaCO ₃ at top	
	152.27	154.07	1.80				Siltstone	light grey, sandy toward base, massiv.	
					506'	154.23			
	154.07	154.26	0.19				Sandstone	light grey, fine grained, silty, massiv.	
							<u>END OF BOX 33</u>		
		157.14	2.88				Sandstone	as above	

516' / 157.28

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE NO: SD 7703 SHEET No: 12

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
		158.61	1.47				Sandstone as above		
							<u>END OF BOX 34</u>		
450		160.20	1.59				Sandstone as above		
					526'	160.32			
		162.90	2.70				Sandstone as above		
(700- Joint)		163.36	0.46				Sandstone as above		
					536'	163.37			
		164.86	1.50				Sandstone as above with few CaCO ₃ veins.		
		164.86	165.69	0.83			Claystone dark, partly carbonaceous and some coaly laminae.		
420		165.69	165.85	0.16			Sandstone light grey with black carbon specks		
		165.85	165.91	0.06			Claystone black - very carbonaceous		
					546'	166.42			
		166.35	0.44				Claystone as above		
		166.35	166.75	0.40			Claystone and coal very carbon, coal in small bands and stringers highly broken core		
							<u>END OF BOX 36</u>		
		166.75	166.82	0.07			Claystone black carbon, coaly laminae.		
		166.82	166.86	0.04	0.03		Coal bright		
		166.86	167.20	0.34	0.27		Claystone as claystone above		
					550'	167.64			
		167.20	167.30	0.10	0.08		Coal bright		
			167.48	0.18	0.14		Coal bright banded		
		167.48	167.56	0.08	0.06		Claystone black carbonaceous, with coaly layers		
		167.56	167.69	0.13	0.10		Coal bright		
		167.69	168.24	0.55	0.43		Coal loss		
		168.24	168.26	0.02	0.02		Claystone as claystone above		
					552'	168.25			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7703 SHEET No: 13

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	168.26	169.04	0.78	0.61			Claystone loss		
	169.04	169.45	0.41	0.32			Coal dull banded		
	169.45	169.80	0.35	0.26			Coal loss		
	169.80	170.12	0.32	0.25			Claystone as claystone above, highly broken		
	179.12	170.25	0.13	0.10			Coal loss		
						556' /			
	170.25	170.47	0.22	0.17			Claystone carbonaceous, broken, with coal at base		
	170.47	170.56	0.09	0.07			Claystone loss		
	170.56	170.80	0.24	0.19			Coal loss		
						561' /			
	170.80	171.08	0.28	0.22			Claystone very carbon coaly laminae and inclusions broken		
	171.08	171.30	0.24	0.19			Coal loss		
	171.30	171.71	0.41	0.32			Claystone as claystone above		
	171.71	171.79	0.08	0.06			Claystone and Coal broken and highly mixed		
	171.79	172.00	0.21	0.17			Coal dull broken		
	172.00	172.20	0.20	0.16			Claystone loss		
	172.20	172.31	0.11	0.09			Coal dull		
						565' /			
	172.31	172.50	0.19	0.15			Claystone loss		
	172.50	172.88	0.38	0.30			Coal dull bright		
						567' /			
						172.82			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7703 SHEET No: 14

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	172.88	173.44	0.56	0.44			Coal loss		
	173.44	173.91	0.47				Claystone loss		
	173.91	174.36	0.45				Claystone dark grey, similar to shell, reg-bedded		
							END OF BOX 37		
350	174.36	175.56	1.20				Sandstone light to med. grey fine grained massive		
					576' /	175.56			
		176.84	1.28				Sandstone as above		
		177.11	0.27				Sandstone as above		
	177.11	177.91	0.80				Siltstone med. grey, sandy toward base		
340	177.91	178.19	0.28				Sandstone fine grains, silty, massive		
	178.19	178.59	0.40				Siltstone dark grey with coaly stringers, fossiliferous		
					586' /	178.61			
							END OF BOX 38		
	178.59	178.78	0.19				Claystone very carbon highly broken		
	178.78	179.14	0.36				Silty claystone dark grey irregular coaly specks fossils		
	179.14	180.82	1.68				Siltstone med. grey, occasionally sandy bands, massive		
	180.82	181.14	0.32				Sandstone light to med. grey, fine grained, silty at base		
	181.14	181.74	0.60				Siltstone as siltstone above		
					596' /	181.66			
380	181.74	182.18	0.44				Sandstone Fine grained, massive regular bedded.		
		182.54	0.36				Sandstone as above		
							END OF BOX 39		
	182.54	183.36	0.82				Silty claystone dark grey with carbon inclusions and wisps		
					604' /	184.10			
	183.36	183.46	0.10				Claystone carbon, mixed with coal broken		
	183.46	185.21	1.75				Sandstone light grey, med. grained, massive		
	185.21	185.32	0.11				Siltstone Dark grey, massive		
	185.32	186.05	0.73				Sandstone as siltstone above		
	186.05	186.34	0.29				Claystone carbonaceous with coaly wisps and inclusions broken		
		186.38	0.04				Claystone as above		
							END OF BOX 40		
	186.88	0.50			614' /	187.15	" as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7703 SHEET No: 15

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	186.88	187.20	0.32				Claystone loss		
	187.20	187.37	0.17	0.14			Coal loss		
	187.37	187.50	0.13	0.11			Coal Bright banded, broken		
	187.50	187.92	0.42				Claystone loss		
	187.92	188.66	0.74				Claystone very carbonaceous, slickensides.		
33°	188.66	188.90	0.24				Sandstone light grey, med. grained massive		
	188.90	189.83	0.93				Siltstone med. grey, occasionally sandy, fossiliferous		
	189.83	190.50	0.67				Silty claystone partly carbon coaly wisps at top and specus		
					625' / 190.50				
	190.50	190.86	0.36				Sandstone light grey, fine to med. grained massive		
	190.86	191.31	0.45				Siltstone med. grey, massive <u>END OF BOX 41</u>		
		192.21	0.90				Siltstone as above		
	192.21	193.32	1.11				Silty claystone dark grey with black carbon specks, core broken		
		193.61	0.29		634' / 193.24	"	as above		
37°	193.61	194.72	1.11				Sandstone med. grey, fine grained silty interbeded.		
	194.72	194.92	0.20				Siltstone dark, massive sandy toward top		
	194.92	195.17	0.25				Silty claystone dark grey, irregular beded, coaly wisps at top		
		195.78	0.61				Silty claystone as above <u>END OF BOX 42</u>		
	195.78	195.93	0.15				Claystone very carbon thin coal layers 0.01m, highly broken		
		196.18	0.25		644' / 196.29	"	as above		
	196.18	196.40	0.22	0.18			Coal dull - bright banded		
	196.40	196.51	0.11	0.09			bright dull		
	196.51	197.42	0.91	0.74			Claystone as claystone above		
	197.42	197.60	0.18	0.15			Coal dull banded, highly broken		
	197.60	198.22	0.62				Claystone loss		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7703 SHEET No: 16

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	198.22	198.26	0.04				Claystone	as claystone above		
350	198.26	198.71	0.45				Siltstone	dark grey, occassionally sandy bands, massive		
	198.71	199.64	0.93				Silty claystone	dark grey, regular beded, massive		
					655'	199.64	END OF BOX 43			
		199.79	0.15				Silty Claystone	as above		
400	199.79	202.72	2.93				Sandstone	light grey fine grained, massive		
	202.72	202.79	0.07				Claystone	dark grey massive silty bands at top		
		203.92	1.13		665'	202.69	"	as above		
		203.99	0.07				Claystone	as above, highly broken		
		205.03	1.04				Claystone	as above	END OF BOX 44	
	205.03	205.05	0.02				Coal	Bright - dull, friable		
	205.05	205.13	0.08				Claystone	dark grey, silty banded, iregular beds		
	205.13	205.74	0.61				Siltstone	med. grey massive		
					675'	205.74				
		207.70	1.96				Siltstone	as above		
	207.70	207.80	0.10				Claystone	carbon with thin soal layers 0.01m at top.		
	207.80	208.27	0.47				Siltstone	as siltstone above but sandy occassionally		
	208.27	208.84	0.57				Sandstone	very fine grained, massive	END OF BOX 45	
	208.84	208.89	0.05				Claystone	dark to black some carbon specks		
					685'	208.79				
	208.89	209.24	0.35				Sandstone	as sandstone above		
	209.24	210.98	1.74				Claystone	dark grey with carbon specks broken at top		
	210.98	211.14	0.16				Sandstone	light grey, fine grained massive		
	211.14	211.69	0.55				Siltstone	med. grey Fossiliferous massive		
	211.69	212.10	0.41				Sandstone	fine to med. grained massive		
					696'	212.14				
(550-Joint)	212.26	0.16					Sandstone	as above joints with CaCo ₃ at base		
							END OF BOX 46			
	212.54	0.28					Sandstone	as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7703 SHEET No: 17

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	212.54	212.79	0.25				Siltstone	light grey with thin irregular sandy laminae		
350	212.79	213.58	0.79				Sandstone	light grey med. grained massive reg. beded		
	213.58	215.14	1.56				Sandstone	as above		
					706'/215.19					
	215.14	216.60	1.46				Sandstone	as above		END OF BOX 47
		217.03	0.43				Sandstone	as above		
	217.03	218.26	1.23				Siltstone	light grey with occasionally sandy laminae		
					716'/218.24					
	218.26	219.93	1.67				Sandstone	as sandstone above		
	219.93	220.85	0.92				Silty claystone	med. grey massive fossiliferous		
										END OF BOX 48
	220.85	221.34	0.49				Claystone	dark grey with carbon stringers		
					726'/221.28					
		223.92	2.58				Claystone	as above		
					736'/224.33					
		224.59	0.67				Claystone	as above		
										END OF BOX 49
		224.84	0.25				Claystone	black, carbonecious, coal inclusions		
	224.84	225.08	0.24	0.18			Coal	dull		
	225.08	225.48	0.40	0.31			Claystone	as claystone above		
	225.48	225.60	0.12	0.09			Coal loss			
	225.60	226.00	0.40	0.31			Claystone	As above		
	226.00	226.30	0.30	0.23			Coal loss			
	226.30	226.74	0.44	0.34			Claystone	dark, carbonecious, coaly stringers, broken		
	226.74	226.84	0.10	0.08			Coal	dull		
	226.84	227.13	0.29	0.22			Claystone	as above, slickensides		
					2/5/1 746'/227.38					

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7703 SHEET No: 18

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	227.13	227.48	0.35	0.27			Coal	Bright banded		
	227.48	227.53	0.05	0.04			Claystone	black carbonaceous		
	227.53	227.70	0.17	0.13	2/5/1		Claystone loss			
						748'	227.99			
	227.70	227.96	0.26	0.20			Coal	dull banded		
	227.96	228.29	0.33	0.25			Claystone	carbonaceous sheared to Coal, dull sheared		
	228.29	228.66	0.37	0.28			Coal	sheared		
	228.66	229.21	0.55	0.50			Coal loss			
						752'	229.21			
	229.21	229.35	0.14	0.11	2/4/1		Coal	sheared (high ash)		
	229.35	229.82	0.47	0.36			Coal loss			
						754'	229.82			
	229.82	230.08	0.26	0.20			Coal	dull highly broken		
						756'	230.43			
	230.08	230.43	0.35	0.27			Coal loss			
	230.43	230.75	0.32	0.25			Coal	dull - bright		
						758'	231.04			
	230.75	231.44	0.69	0.53			Coal	bright banded		
						760'	231.65			
	231.44	231.96	0.52	0.40	2/3/1		Coal	bright		
	231.96	232.17	0.21	0.16			Coal	sheared pulverized		
	232.17	232.56	0.39	0.30			Coal loss			
						763'	232.56			
	232.56	232.63	0.07	0.05			Coal	bright banded		
	232.63	232.72	0.09	0.07			Coal loss			
	232.72	232.95	0.23	0.18			Claystone loss			
	232.95	233.33	0.38	0.29			Coal	sheared		
		233.53	0.20	0.15	2/2/1	766'	233.48	Coal	sheared	
		233.68	0.15	0.11			Coal	sheared		
	233.68	233.80	0.12	0.09			Coal	dull banded		
						770'	234.70			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7703 SHEET No: 19

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
		234.27	0.47	0.36	2/2/1		Coal dull banded		
						773'/235.61			
	234.27	234.93	0.66	0.51	2/1/1		Coal bright		
	234.93	235.82	0.89	0.68			Coal loss		END OF BOX 51
						775'/236.22			
	235.82	236.12	0.30	0.23			Claystone carbonecious, sheared		
	236.12	236.39	0.27	0.21			Coal and claystone highly sheared and broken		
	236.39	237.49	1.10				Claystone dark grey, massive fossiliferous		
						780'/237.74			
		238.32	0.83				Claystone as above		
45°	238.32	239.00	0.68				Siltstone med. to dark grey with sandy bands		
						785'/239.27			
		239.95	0.95				Siltstone as above		END OF BOX 52
	239.95	240.65	0.70				Silty claystone dark grey Massive		
						790'/240.79			
	240.65	241.01	0.36				Claystone dark to med. grey regular bedded, massive		
	241.01	242.41	1.41				Siltstone med. grey with thin bands of silty claytone		
						795'/242.32			
		243.68	1.27				Siltstone as above		
						800'/243.84			
		244.31	0.63				Siltstone as above		END OF BOX 53
42°		246.87	2.56				Siltstone as above		
						815'/248.41			
		248.66	1.79				Siltstone as above		END OF BOX 54
		249.90	1.24				Siltstone as above		
						820'/249.94			
		251.41	1.51				Siltstone as above		
						825'/251.46			
		251.89	0.48				Siltstone as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7703 SHEET No: 20

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
400	251.89	252.88	0.99				Claystone med. to dark grey with fragments or plant follils		
	252.88	253.39	0.51		830'	252.98	End of Box 55	-	
	253.39	253.49	0.10				Silty claystone dark grey with coaly wisps at base		
	253.49	253.70	0.21		832'	253.59	Claystone very carbon highly broken		
	253.70	253.98	0.28	0.21			Claystone loss		
	253.98	254.03	0.05	0.04			Coal dull bright banded		
	254.03	254.07	0.04		834'	254.20	Coal loss		
	254.07	255.19	1.12				Claystone carbonecious broken		
	255.19	256.03	0.84				Claystone med. to dark grey, fragments of plants fossils		
	256.03	257.42	1.39		840.2	256.03	Claystone loss		
	257.42	257.64	0.22				Claystone loss as above		
	257.64	257.93	0.29		845'	257.56	Claystone loss as above		
	257.93	258.98	1.05				Siltstone med. grey, hard massiv		
	258.98	259.27	0.29				Siltstone as above	END OF BOX 56	
	259.27	260.59	1.32		850'	259.08	Siltstone as above		
	260.59	261.00	0.41				Claystone med to dark grey, with silty laminae slickensides	at base	
	261.00	261.03	0.03		855'	260.60	Claystone as above		
	261.03	261.14	0.11		860'	262.13	Claystone as above		
	261.14	261.30	0.16		863'	263.04	Claystone very carbon, broken		
	261.30	264.26			867'	264.26	Claystone loss		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7703 SHEET No: 21
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	261.30	264.28	2.98	2.44			Coal loss		
	264.28	264.45	0.17	0.14	} ①		Coal dull banded		
		264.51	0.06	0.05			Coal bright pulverized		
	264.86	264.95	0.35	0.29		.30 ②	Coal dull banded		
			0.09	0.07	.057 ③		Coal stony - high ash sp.G 1.8		
					:09 ④		END OF BOX 57		
	255.10	255.16	0.15	0.12	.12 ④		Coal bright		
			0.06	0.05	.05 ④		Coal dull banded		
					.15 ⑤	871' / 265.48			
	265.38	265.63	0.22	0.18	.07 ⑤		Coal dull bright		
			0.25	0.20	.14 ⑥		Coal bright banded, pulverized		
					.11 ⑦				
	265.74	265.90	0.11	0.09	.09 ⑧		Coal dull banded		
			0.16	0.13	.12 ⑨		Coal bright sheared		
					.04 ⑩				
	266.04	266.48	0.14	0.11	.14 ⑩		Coal dull bright		
			0.44	0.36	.12 ⑪		Coal bright		
					.10 ⑫				
					.22 ⑬				
	266.63		0.15	0.12	.12 ⑭		Coal dull bright		
					.13 ⑮	876' / 267.00			
	266.92		0.29	0.24	.12 ⑮		Coal dull bright		
					.12 ⑯				
	268.00		1.08	0.88	.04 ⑰		Coal bright		
					.12 ⑱				
					.16 ⑲				
					.29 ⑲				
					.20 ⑳				
					.13 ㉑				
					.20 ㉒	880' / 268.38			
	268.05		0.05	0.04	.05 ㉒		Coal bright		
	268.05	268.29	0.23	0.19	.19 ㉓		Claystone black carbon coaly inclusions, sheared at base		
	268.29	268.43	0.14	0.11	.11 ㉔		Coal bright (pulverized claystone & stoney coal) SPS		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7703 SHEET No: 22
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	268.43	268.59	0.16	0.13	(25)		Claystone	as claystone above	
	268.59	268.63	0.04	0.03	(26)		Coal	bright dull friable (pulvenized claystone & stoney coal)	STS
	268.63	268.75	0.12	0.10			Coal Loss		
	268.75	269.43	0.68	0.56			Claystone	very carbon, sheared	
	269.43	269.60	0.17	0.14			Coal loss	END OF BOX 58	
	269.60	269.72	0.12	0.10			Claystone	as claystone above	
	269.72	269.79	0.07	0.06			Coal	bright pulverized	
	269.79	269.94	0.15	0.12			Coal loss		
						885.5'	/269.75		
	269.94	270.02	0.08	0.07			Claystone	dark carbonecious slickensides highly broken	
		270.27	0.25	0.20			Claystone	as above, silty at base	
35°	270.27	270.87	0.60	0.49			Sandstone	light to med. grey fine grained, regular beded	
	270.87	271.25	0.38	0.31			Claystone	dark grey, silty massiv.	
							890.5'	/271.03	
		271.65	0.40	0.33			Claystone	as above	
							892.5'	/272.03	
	271.65	271.93	0.28	0.23	(27)		Coal	dull with bright stringers	
		272.80	0.87	0.73	16 (28)		Coal	bright breaks into thin rod like elongated prisms	
					.36 (29)			as actual size SPS	
					.12 (30)				
					.23 (31)				
	272.80	273.16	0.36	0.29			Claystone	carbon with thin coal layers slickensides	
					(32)		897.5'	/273.56	
		273.21	0.05	0.04			Claystone	as above	
	273.21	273.31	0.10	0.08	(33)		Coal	bright	
					SPS				
	273.00	273.87	0.56		4/4/77		Sandstone	light grey, fine to med grained massiv. reg. beded.	
								END OF BOX 59	
37°		274.30	0.43				Sandstone	as above	
						901'	/274.62		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7703 SHEET No: 23
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
		275.83	1.53				Sandstone as above		
						906'/276.15			
		277.37	1.54				Sandstone as above		
						911'/277.67			
		278.45	1.08				Sandstone as above		
		279.18	0.73				Sandstone as above		END OF BOX 60
						916'/279.20			
		280.66	1.48				Sandstone as above		
						921'/280.72			
		282.11	1.45				Sandstone as above		
						926'/282.24			
		282.91	0.80				Sandstone as above		
39°		283.73	0.82				Sandstone as above		END OF BOX 61
						931'/283.77			
		284.36	0.63				Sandstone light grey coarse grained massiv.		
	284.36	284.65	0.29				Claystone med. crey, massiv with few thin sandy layers		
	284.65	284.76	0.11				Conglomerate sandy coarse matrix with different size of pebles		
39°	284.76	285.19	0.43				Sandstone light grey pine to med. grained, massiv.		
						936'/285.29			
		286.76	1.57				Sandstone as above		
						941'/286.82			
		287.14	0.38				Sandstone as above		END OF BOX 62
		288.32	1.18				Sandstone as above		
						946'/288.34			
		289.80	1.48				Sandstone as above		
						951'/289.86			
		291.39	1.59				Sandstone as above		
						956'/291.39			END OF BOX 63
							EOH March/77 Ivan Delas		

SAXON PROJECT (SAXON EAST)

HOLE NO. SD 7704 BEARING -- ANGLE 90° TOTAL DEPTH 251.59
 COORDINATES 6024290.5 N 687524.2 E COLLAR ELEVATION 1405.1

Seam No. 1 Elevation of Seam (Base) 1161.6

Seam Interval: 237.52 - 243.52

True Thickness of Mining Section: 5.20 Coal 4.77 Coal

Rock 0.43 Rock

Core Recovery: 86 % %

INTERSEAM THICKNESS: 21.04

Seam No. 2 Elevation of Seam (Base) 1191.87

Seam Interval: 210.02 - 213.23

True Thickness of Mining Section: (2.77) Coal (2.43) Coal

Rock (0.34) Rock

Core Recovery: 87 % %

INTERSEAM THICKNESS: 66.66

Seam No. 4 Elevation of Seam (Base) 1275.4

Seam Interval: 126.33 - 129.74

True Thickness of Mining Section: (2.79) Coal (2.01) Coal

Rock (0.78) Rock

Core Recovery: 80 % %

INTERSEAM THICKNESS:

Seam No. Elevation of Seam (Base)

Seam Interval:

True Thickness of Mining Section: Coal Coal

Rock Rock

Core Recovery: % %

INTERSEAM THICKNESS:

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7704 SHEET No: 1 of 36

DATE BEGUN: March 16, 1977 DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: March 22, 1977 ELEV. COLLAR: _____ TOTAL DEPTH: 251.55m. COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: 90° LOGGED BY: S.P. Santiago CORE SIZE: HQ



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	0	4.95					No core recovery		
							Top of Box 1		
						20'	Marker off		
						6.10			
	4.95	5.05	0.10	0.09			Overburden chips & fragments of dirty white quartzite		
25°	5.05	5.15	0.10	0.09			Sandstone med. - dk. grey, med. grain, core broken		
		6.90	1.75	1.59			as above with coal stringers at 0.54 and 0.60m.		
						25'/7.62			
25°		8.22	1.32	1.20			as above		
						30'/9.14			
		10.02	1.80	1.63			as above with thin lensy coal interbeds		
						34'/10.36			
25°		10.33	0.31	0.28			as above		
							Top of Box 2		
25°		10.75	0.42	0.38			as above with thin coal interbeds / inclusions		
						39'/11.89			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7704 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						39'/11.89			
	10.75	11.34	0.59	0.53			as above core broken ($\frac{1}{4}$ - $\frac{1}{2}$ " fragments/chips)		
		11.77	0.43	0.39			as above		
						43'/13.11			
		12.65	0.88	0.80			as above		
							<u>TOP OF BOX 3</u>		
30°		13.15	0.50	0.43		Coal	as above striated		
						48p 14.63			
		14.60	1.45	1.25			as above, calcite filled fractures at top.0.79 and 1.19 (dip 45)		
						53'/16.15			
		16.90	2.30	2.00			as above		
							<u>TOP OF BOX 4</u>		
		17.77	0.87	0.75			as above		
						63'/19.20			
		17.85	0.08	0.07			as above, core broken		
		18.55	0.70	0.60			as above, with thin coal inclusions/lenses		
		19.71	1.16	1.05			as above, core broken		
						68'/20.73			
45°		20.45	0.74	0.52			as above with calcite filled fracture at 0.46m. (80° dip) & coal inclusions		
	20.45	21.22	0.77	0.54		Claystone	dark grey with grey SS intercalations with calcite filled fractures & inclusions		
							<u>TOP OF BOX 5</u>		
		21.35	0.13	0.09			as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7704 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						73'/22.25			
	21.35	22.41	1.06			Siltstone	med. gray with sandy phases near top		
30°		22.49	0.08				as above		
40°		22.72	0.23				as above		
		22.80	0.08				as above		
		22.97	0.17				as above, lower half sandy		
						78'/23.77			
25°	22.97	23.45	0.48			Sandstone	light gray, fine grain, calcite filled fractures on top		
contact									
	23.45	23.76	0.31			Claystone	dark gray		
	23.76	23.95	0.19			Sandstone	light gray, fine grain, calcite filled fracture (80° dip)		
	23.95	24.06	0.11			Claystone	dark gray		
		24.21	0.15			Claystone	powder compacted		
		24.31	0.10			Claystone	dark gray		
						83'/25.30			
		25.00	0.69				as above		
							<u>TOP OF BOX 6</u>		
		25.28	0.28				as above		
		25.34	0.06				as above, core broken		
		25.85	0.51				as above		
						88'/26.82			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7704 SHEET No: 4

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	.Thick.	True				m.Rec.	%
						88'/26.82			
	25.85	25.91	0.06				as above, core broken		
		26.27	0.36				as above with odd thin coal stringers/lenses		
45°	26.27	26.52	0.25			Sandstone	light grey, medium grained		
contact	26.52	26.88	0.36			Claystone	dark grey with thin wavy carbonaceous ibds.		
		27.14	0.26				as above core broken		
		27.28	0.14				as above		
						93'/28.35			
		28.04	0.76				as above		
	28.04	28.26	0.22			Sandstone	light grey, fine - med. grain with wispy, irregular ibds of carbonaceous material and dark claystone		
	28.26	28.64	0.38			Siltstone	med - dark grey with dark claystone wisps, upper contact gradational-blended		
		28.86	0.22				as above, core broken		
						98'/29.87			
	28.86	28.94	0.08			Claystone	dark grey, carbonaceous, core broken		
		29.47	0.53				as above		
	29.47	30.32	0.85			Siltstone	medium to dark grey		
45°		31.22	0.90			103'/31.39			
		31.31	0.09				as above, core broken		
		31.61	0.30				as above		
		31.67	0.06				as above core broken		
		31.85	0.18				as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7704 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
35°	31.88	33.16	1.31			108'/32.92	Sandstone	light grey, fine -med. grained, x-bdd with thin, filled fractures		
								TOP OF BOX 8		
		34.88	1.72					as above		
25°		36.02	1.14			118'/35.97		as above		
		37.22	1.20			122'/37.19		as above		
								TOP OF BOX 9		
45°		37.62	0.40					as above		
						126'/38.41		as above		
45°		39.18	1.56					as above		
						131'/39.93		as above		
45°		39.52	0.34				Sandstone	as above		
45°	39.52	40.72	1.20				Claystone	dark gray, carbonaceous, upper contact with coaly wisps		
Contact						136'/41.45		as above		
		40.81	0.09					as above		
		40.91	0.10					as above, core broken		
		41.38	0.47					as above		
								TOP OF BOX 10		
		42.26	0.88					as above		
45°		43.86	1.60				Claystone	as above		
						141'/42.98				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7704 SHEET No: 6
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						146'/44.50			
	43.86	44.40	0.54	0.87		Claystone	as above, carbonaceous		
		44.90	0.50		Coal	dull, solid core			
		45.15	0.25			dull, core highly broken to chip sizes			
40°		45.21	0.06			dull			
		45.30	0.09			dull, core broken			
		45.39	0.09			dull			
		45.54	0.15			dull, core highly broken			
	45.54	46.04	0.50		Claystone	dark gray, carbonaceous, upper 13 core broken			
						<u>TOP OF BOX 11</u>			
		46.09	0.05			as above, core broken			
		46.30	0.21		Siltstone	grey			
		46.36	0.06			as above, core broken			
		47.14	0.78			as above, with fine grained sand stone phases			
						155'/47.24			
35°		48.74	1.60		Siltstone	as above			
						161'/49.07			
		50.19	1.45		Siltstone	as above			
						<u>TOP OF BOX 12</u>			
						156'/50.60			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. SD 7704 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						166'/50.60			
	50.19	51.03	0.84			Siltstone	as above with sandy phases		
	51.03	51.23	0.20	.16		Coal	missing		
		51.30	0.07			Clay	ground core		
				0.16					
	51.30	51.43	0.13			Claystone	dark grey, carbonaceous		
	51.43	51.50	0.07			Coal	dull, friable		
		51.56	0.06				dull, core broken to chip sizes		
		51.64	0.08				dull		
		51.72	0.08				dull, core broken to chip sizes, packed		
	51.72	51.79	0.07			Claystone	black, carbonaceous		
		51.88	0.09				as above with coal stringers, core broken		
		52.19	0.31	0.70			as above		
		52.25	0.06				as above, core highly broken		
		52.39	0.14				as above, lower .05m. core broken		
						172'/52.43			
		52.57	0.18			Claystone	black, carbonaceous with coaly inclusions, core broken		
		52.71	0.14	.16		Coal	missing		
		52.77	0.06			Coal	bright, core highly broken		
		52.87	0.10	0.08		Claystone	dark grey, carbonaceous with coaly inclusions, core broken as chips		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7704 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY			
	From	To	Thick.	True				m.Rec.	%		
	52.87	53.27	0.40	0.33			Coal	bright, upper portion broken			
						177' / 53.95					
		54.61	1.34	2.98			Claystone	dark grey, carbonaceous with calcite filled fractures, coal stringers TOP OF BOX 13			
		56.02	1.41				182' / 55.47	Claystone	dark grey with sandy phases		
						187' / 57.00					
		56.64	0.62	0.27			Claystone	as above			
	56.64	56.91	(0.27)			189' / 57.61	Claystone	missing			
	56.91	57.00	0.09				Coal	dull			
		57.27	0.27	.68				dull and bright, core broken to chip sizes			
		57.46	0.19						dull		
		57.69	0.23						dull, core highly broken		
		57.74	0.05						dull		
	57.74	57.77	0.03	.02			Claystone	dark grey, carbonaceous			
	57.77	57.91	0.14	.11			Coal	dull and bright, core highly broken			
		58.31	0.40	.90			Claystone	dark grey with sandy phases			
		59.01	0.70				Claystone	dark grey with sandy phases			
								<u>TOP OF BOX 14</u>			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7704 SHEET No: 9

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						196'/59.74			
	59.01	60.72	1.71			Sandstone	dark grey with claystone phases		
35°		61.52	0.80			Sandstone	light-med. grey, fine grained		
40°		62.30	0.78			Sandstone	light grey, med. grained		
						206'/62.79			
		63.03	0.73						
		63.68	0.65			Sandstone	TOP OF BOX 15 as above		
		63.90	0.22			Sandstone	as above, with thin dark claystone interbeds/calations		
50°		64.64	0.74			211'/64.31 Sandstone	as above		
	64.64	65.47	0.83			Claystone	dark grey with occasional thin, coaly stringers		
45°		67.03	1.56			216'/65.84 Claystone	as above, bottom .13m core broken, occasional very thin calcite stringers		
						221'/67.36			
							TOP OF BOX 16 Core loss and drillers mkr.		
	67.03	67.43	(0.40)						
		67.58	0.15			Claystone	as above, core broken		
		67.72	0.14			Claystone	as above		
		67.78	0.06			Claystone	as above, core broken		
		68.91	1.13			Claystone	as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. SD 7704 SHEET No: 10

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						228'/69.49			
45°	68.91	70.46	1.55			Claystone	as above		
						233'/71.02			
		70.60	0.14			Claystone	as above, broken core		
		71.44	0.84			Claystone	as above		
						TOP OF BOX 17			
		71.98	0.54			Claystone	as above		
						238'/72.54			
		73.49	1.51			Claystone	as above		
						243'/74.07			
		74.89	1.40			Claystone	as above with thin calcite veinlets		
						248'/75.59			
		75.53	0.64			Claystone	as above		
						TOP OF BOX 18			
		76.39	0.86			Claystone	as above, carbonaceous with coal stringers at top		
						253'/77.11			
		77.65	1.26			Claystone	as above with sandy phases, calcite fracture fillings dip 75°		
	77.65	77.95	0.30			Sandstone	light grey, med. grained		
						258'/78.64			
40°		79.35	1.40			Sandstone	as above, calcite fracture fillings at 0.2 (50°) & 0.7 (70°)		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7704 SHEET No: 11

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	79.35	79.55	0.20				Sandstone as above, core highly broken		
		79.80	0.25				Sandstone as above		
						263'/80.16			
35°		81.41	1.61				TOP OF BOX 19 Sandstone as above		
						269'/81.99			
	81.41	82.58	1.17				Claystone dark grey, sandy near top with tin calcite veinlets		
		82.85	0.27				Claystone missing, with coal		
		83.03	0.18				Claystone dark grey with coaly stringers and calcite veinlets		
		83.13	0.10				Claystone as above, core highly broken		
						274'/83.52			
		83.44	0.31				Claystone missing		
		83.75	0.31				Claystone as above, core highly broken		
		84.05	0.30				Claystone missing		
						276'/84.13			
35°	84.05	84.33	0.28				Sandstone light grey, fine grained		
25°		84.84	0.51				Sandstone light grey, med. grained		
40°		85.43	0.59				TOP OF BOX 20 Sandstone as above		
						281'/85.05			
		86.97	1.54				Sandstone as above		
						286'/87.17			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7704 SHEET No: 12

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						286'/87.17			
35°	86.97	86.97	0.45			Sandstone	as above		
		88.27	0.85			Claystone	dark grey, slightly carbonaceous, with silty/sandy phases		
		88.62	0.35			Claystone	Missing		
						292'/89.00			
		89.35	0.73			Claystone	as above, marked by micro folds and convoluted bedding (62°)		
							TOP OF BOX 21		
30°		92.85	3.50			Claystone	as above		
		92.95	0.10			Claystone	as above		
		93.27	0.32			Claystone	as above		
						307'/93.57			
							TOP OF BOX 22		
45°		94.25	0.98			Claystone	as above		
contact									
	94.25	94.55	0.30			Sandstone	light grey, fine - med. grained		
		94.64	0.09			Claystone	dark grey		
						312'/95.10			
30°		96.20	1.56			Claystone	as above with calcite veinlets and light grey sandstone interbeds/calations near the top		
						317'/96.62			
		96.40	0.20			Claystone	missing		
		97.00	0.60			Claystone	black, carbonaceous		
		97.07	0.07			Claystone	as above, broken core		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7704 SHEET No: 13

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	97.07	97.19	0.12				Claystone	as above		
		97.23	0.04				Claystone	as above, broken core		
		97.42	0.19				Claystone	as above		
	97.42	97.48	0.06				Sandstone	light grey, fine grained		
							TOP OF BOX 23			
						322'/98.15				
		99.00	1.52				Sandstone	as above with dark claystone phases at top and calcite filled fractures .07m. from base (60° dip)		
40°						327'/99.67				
		99.64	0.64				Sandstone	as above		
	99.64	99.99	0.35				Claystone	dark grey with calcite fracture filling (dip 40°)		
	99.99	100.13	0.14				Coal	dull, crushed to powdery, gritty chips		
		100.28	0.15				Coal	missing		
	100.28	100.39	0.11				Claystone	dark grey		
						332'/101.19				
30°		101.79	1.40				Sandstone	light grey, fine - med. grained with dark grey phases near t		
							TOP OF BOX 24			
		101.95	0.16				Sandstone	as above		
						337'/102.72				
40°		102.65	0.70				Sandstone	as Above		
		103.00	0.35				Sandstone	missing		
	103.00	103.48	0.48				Claystone	black, carbonaceous		
40°	103.48	103.72	0.24				Sandstone	med. grey, fine grain with thin; dark clyst ibds		
contact						342'/104.24				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. SD 7704 SHEET No: 14

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						342'/104.24			
50° contact	103.72	104.27	0.55			Sandstone	med. grey, fine grained with thin dark clyst ibds & calcite filled fractures		
40°		105.38	1.11			Claystone	dark grey with fin grained sandstone phases		
		106.12	0.74			Claystone	as above		
							TOP OF BOX 25		
		106.54	0.42			Claystone	as above		
		106.84	0.30			Claystone	black, carbonaceous		
						352'/107.29			
		107.68	0.84			Claystone	as above		
		107.95	0.27			Claystone	black, carbonaceous with coal stringers, soft partially broken core		
		108.15	0.20			356'/108.51	Claystone	dark grey	
	108.15	108.26	0.11			Sandstone	missing		
25°		109.52	1.26			Sandstone	light grey, fine-med. grained with wavy laminations (clayston		
						361'/110.03			
		110.26	0.74			Sandstone	as above		
							TOP OF BOX 26		
35°		111.05	0.79			Sandstone	as above		
						366'/111.56			
		111.80	0.75			Sandstone	as above		
	111.80	112.31	0.51			Claystone	black, with silty sandy phases		
	112.31	112.50	0.19			Claystone	missing		
						371'/113.08			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M. : _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT. : _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						291'/88.70			
								4.34	
	89.11	90.58	1.47						
						296'/90.22			
	90.58	92.11	1.53						
						301'/91.74			
	92.11	93.46	1.35						
								4.32	
	93.46	94.88	1.42						
	94.88	95.28	0.40						
						311'/94.79			
	95.28	96.80	1.52						
						316'/96.32			
	96.80	97.58	0.78						
						319'/97.23			
								4.36	
	97.58	98.06	0.48						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7704 SHEET No: 16
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		GYE SAMPLE NUMBER 4-4-	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						408' / 124.36	No. 4 seam and samples 4-4-1 to 4-4-20		
	123.85	123.96	0.11				Claystone dark grey, carbonaceous, core broken in 3 places		
		124.20	0.24				Claystone as above, w/highly broken slickenside surfaced coal chips and powdered grit		
40°		124.45	0.25	0.19			Claystone missing		
		125.07	0.62	0.47	21 22		Claystone as above, carbonaceous, base w/coal stringers		
						412' / 125.58			
		125.20	0.13	0.10	23		Claystone as above, core highly broken		
		125.55	0.35	0.29			Claystone missing		
		125.98	0.43	0.35	24		Claystone as above		
		126.10	0.12	0.10			Claystone missing		
						415' / 126.49			
		126.22	0.12	0.10	25		Claystone as above		
		126.33	0.11	0.09			Claystone missing		
	126.33	126.41	0.08	0.07	↑		Coal dull/bright, broken to chip sizes		
35°		126.48	0.07	0.06			Coal missing		
						416' / 126.80			
	126.48	126.55	0.07	0.06			Claystone missing		
	126.55	126.79	0.24	0.20	2		Coal dull, core broken to chip sizes		
						418' / 127.41			
		126.88	0.09	0.07	3		Coal dull, core highly broken to chip sizes		
		127.05	0.17	0.14	4		dull, solid core, stoney high sp. gr. (heavy)		
		127.16	0.11	0.09	5		dull, core highly broken to chip sizes		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7704 SHEET No: 17

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	127.16	127.62	0.46	0.38			Claystone	missing	
	127.62	127.67	0.05	0.04			Coal	dull, solid core	
					6			TOP OF BOX 30	
	127.90		0.23	0.35	1		Coal	dull, metallic luster, solid core, woody	
	128.10		0.20	0.16	7				
						421' /	128.32		
	128.34		0.24	0.29	8		Coal	dull, solid core, woody	
	128.46		0.12						
	128.54		0.08	0.11	9			dull, metallic luster, core highly broken, upper .08m. sheared	
	128.60		0.06						
	128.70		0.10	0.08				dull, core highly ground to gritty chips	
					10	423' /	128.93		
	128.75		0.05						
	128.83		0.08	0.11				dull w/lustric surfaces	
					11				
	128.93		0.10	0.08				as above, core highly broken	
	129.08		0.15	0.12	12			dull/bright	
	129.12		0.04	0.08				dull, core broken	
	129.18		0.06						
	129.22		0.04	0.06	13			dull, solid metallic lustre	
	129.25		0.03						
	129.35		0.10	0.08	14			dull, core broken to 1 cm. chips	
	129.43		0.08	0.07				dull, metallic lustre, solid core, banded, odd bright bands	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7704 SHEET No: 18

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		G.Y.E. SAMPLE NUMBER 4-4-	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	129.43	129.57	0.14	0.11	15		Coal	dull, core highly broken		
		129.65	(0.08)	0.07			Coal	missing		
		129.74	0.09	0.07	16		Coal	dull banded (30% bright), basal contact w/claystone, stoney ch		
	129.74	129.86	0.12	0.10			Claystone	dark grey, carbonaceous		
		130.13	0.27	0.22			Claystone	dark grey, carbonaceous w/ 1mm. white bands		
						427'/130.15				
	130.13	130.37	0.24	0.20			Claystone	missing		
35°	130.37	130.46	0.09	0.07	17		Claystone	as above, w/stoney coal		
	130.46	130.54	0.08	0.07	18		Coal	dull w/faint, core highly broken, packed for measurement, thin metallic luster bands		
	130.54	130.60	0.06	0.05			Claystone	dark grey, highly carbonaceous		
		130.63	0.03	0.02			Claystone	as above, core highly broken to 2 cm. size pieces		
						429'/130.76				
		130.75	0.12	0.10			Claystone	as above w/2 cm. coal (stoney woody) at 0.02 - 0.04 m.		
	130.75	130.89	0.14	0.11	20		Coal	dull, core highly broken, packed for measurement		
		130.93	0.04	0.03			Coal	missing		
						430'/131.06				
		131.35	0.42	0.34	✓		Coal	missing		
	131.35	131.51	0.16	0.13	21		Claystone	missing		
	131.51	131.65	0.14	0.11			Coal	missing		
	131.65	132.40	0.75	0.59			Claystone	missing		
						433'/131.98				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7704 SHEET No: 19

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						433' / 31.98			
	132.40	132.70	0.30	0.24	29	Sandstone	light grey fine grained		
	132.70	133.22	0.52	0.43					
							TOP OF BOX 31		
						436' / 32.89			
	133.22	133.36	0.14			Claystone	dark grey, carbonaceous w/ 1 mm. coal bands		
		133.72	0.36			Claystone	med. dark grey, silty/sandy		
35°	133.72	134.82	1.10			Sandstone	light grey, fine grained, w/ dark claystone phases		
						441' / 34.42			
		136.30	1.48			Sandstone	as above		
						446' / 35.94			
35°		136.96	0.66			Sandstone	as above		
							TOP OF BOX 32		
		137.90	0.94			Sandstone	as above, calcite filling on fracture, 0° dip at 0.36 m.		
						451' / 37.46			
25°		139.33	143			Sandstone	as above		
	139.33	139.49	0.16			Claystone	dark grey		
						456' / 38.99			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7704 SHEET No: 20

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						456' / 38.99			
	139.49	140.05	0.56			Claystone	dark grey		
	140.05	141.06	1.01			Sandstone	light grey, fine grained		
						461' / 140.51			
							<u>TOP OF BOX 33</u>		
		142.63	1.57			Sandstone	as above, calcite filled fracture 45° dip at 1.2 m.		
						466' / 142.04			
35°		143.59	0.96			Sandstone	as above, occasional calcite filling in bedding		
	143.59	144.12	0.53			Claystone	dark grey, w/thin wavy laminations/bands		
						471' / 143.56			
35°	144.12	145.10	0.98			Claystone	as above w/sandy phases		
							<u>TOP OF BOX 34</u>		
		145.69	0.59			Claystone	as above		
						477' / 145.39			
		145.77	0.08			Claystone	breccia calcite cement		
		145.87	(0.10)			Claystone	missing		
		146.25	0.38			Claystone	dark grey, with thin, wavy bands and odd coal stringers		
						482' / 146.91			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7704 SHEET No: 21

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						482' / 146.91			
	146.25	146.63	0.38			Claystone	dark grey, wavy bands and odd coal stringers		
	146.63	147.79	1.16			Sandstone	light grey, fine grained w/calcite veinlets		
		148.30	0.51			487' / 148.44 Sandstone	as above		
							TOP OF BOX 35		
		149.29	0.99			Sandstone	as above, calcite fracture fillings at .11 (30°), .38 (30°), .46 (20°), .49-.55 (35°) and .78 (40°)	28 (20°)	
		149.84	0.55			492' / 149.96 Sandstone	as above, base w/thin coal stringers & calcite veinlets		
	149.84	150.29	0.45			Claystone	grey, at base 0.02 m. coal		
25°		150.84	0.55			Claystone	as above		
		150.91	0.07			497' / 151.49 Claystone	as above, broken core		
30°		152.24	1.33			Claystone	as above w/fractures filled by calcite and coal stringer at 0.10 (40°), 0.24 (30°), 0.68 (40°) and 1.27 (30°)		
						502' / 153.01			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7704 SHEET No: 22
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						502' / 158.01			
	152.24	152.38	0.14			Claystone	as above		
40°		153.43	1.05			Claystone	<u>TOP OF BOX 36</u> as above w/thin coal stringers		
	153.43	153.79	0.36			Sandstone	light grey, fine grained		
		153.96	0.17			507' / 154.53 Sandstone	as above, w/wavey and cross bedding		
		153.99	0.03			Sandstone	as above, calcite veinlets, broken core		
30°		154.40	0.41			Sandstone	as above		
	154.40	155.30	0.90			Claystone	med. grey w/thin white bands and calcite veinlets		
30°		156.26	0.96			512' / 156.06 Claystone	as above		
	156.26	156.57	0.31			Sandstone	light grey, fine grained		
		156.91	0.34				<u>TOP OF BOX 37</u> Sandstone	as above	
40°		158.14	0.23			517' / 157.58 "	missing		
		158.63	0.49			Sandstone	as above		
		159.66	1.03			522' / 150.11 Sandstone	as above		
		159.71	0.05			Coal	core highly broken		
		160.22	0.51			Sandstone	light grey, fine grained, cross bedded		

527' / 160.63

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7704 SHEET No: 23

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	No. 3 Seam	DESCRIPTION	RECOVERY	
	From	To	Thick.	True					m.Rec.	%
						527' /	60.63			
30°	160.22	160.42	0.20	0.17			Sandstone	light grey, fine grained x-bdd		
	160.42	160.83	0.41	0.35			Claystone	dark grey, slightly carbonaceous		
	160.83	160.95	0.12	0.10	↓		Coal	missing		
		161.11	0.16	0.14			Coal	core broken in 4 places, dull banded		
30°	161.11	161.14	0.03	0.03			Claystone	black, carbonaceous		
								TOP OF BOX 38		
		161.21	0.07	0.06			Claystone	as above		
		161.48	0.27	0.23		531' /	161.85	Claystone	as above	
	161.48	161.52	0.04	0.03			Coal	bright, clayey in part		
		161.56	0.04	0.03			Coal	missing		
	161.56	161.84	0.28	0.24			Claystone	black, carbonaceous w/odd coal stringer		
		161.91	0.07	0.06			Claystone	as above, core crushed w/coal chips mixed		
		162.17	0.26	0.22			Claystone	as above		
		162.23	0.06	0.05			Claystone	missing		
	162.23	162.26	0.03	0.02	↓		Coal	missing		
40° contact		162.34	0.08	0.07	3/1/1		Coal	dull, core highly broken, listric slickensided surfaces, sheared, base stoney		
						535' /	163.07			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7704 SHEET No: 24
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						535' /	63.07		
	162.34	162.41	0.07	0.06			Coal missing		
		162.49	0.08	0.07			Coal bright, highly broken core, surfaces of which listric, slickensided, banded		
	162.49	162.60	0.11	0.09	3/2/1		Claystone black, carbonaceous, w?coal stringers, broken surfaces shiny		
		162.67	0.07	0.06			Claystone base sheared missing		
	162.67	162.74	0.07	0.06			Coal dull, core highly broken, base stoney		
		163.01	0.27	0.23			Coal missing		
		163.21	0.20	0.17			Coal dull, solid, woody appearance		
		163.63	0.42	0.36			Coal missing		
		163.73	0.10	0.09	3/3/1		Coal bright banded, core highly broken, packed for measurement		
		163.85	0.12	0.10			Coal missing		
	163.85	163.97	0.12	0.10			Claystone black, carbonaceous, bottom half broken core		
		164.11	0.14	0.12			Claystone as above w/coal stringers		
	164.11	164.17	0.06	0.05			Coal missing samples inside big sack		
		164.26	0.09	0.08		541' /	64.90		
		164.26	0.09	0.08			Claystone black, carbonaceous, core highly broken		
		165.41	1.15				Claystone as above w/ clayey material filling on break at 0.70 m.		
		165.65	0.24				Claystone as above, soft, clayey		
		165.81	0.16				Claystone as above, lower half core broken as chips and grit		
20°?		166.13	0.32				Claystone as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. SD 7704 SHEET No: 25

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 39		
	166.13	166.21	0.08				Claystone as above		
30°	166.21	166.43	0.22				Sandstone light grey, fine grained w/wavy, dark claystone laminations		
	166.43	166.80	0.37				Claystone dark grey w/thin, wavy, silty/sandy laminations		
35°	166.80	167.04	0.24				Sandstone light grey, fine grained		
	167.04	167.29	0.25				Claystone dark grey, w/sandy laminations near top and bottom		
		168.77	1.48		551'	167.95	Claystone as above, generally sandy throughout		
		169.08	0.31		556'	169.47	Claystone as above		
25°	169.08	169.51	0.43				Sandstone missing		
	169.51	170.73	1.22				Sandstone light grey, fine grained, w/silty/clayey phases		
					561'	170.99			
25°		172.28	1.55				TOP OF BOX 40 Sandstone as above		
		173.03	0.75		566'	172.52	Sandstone as above		
30°	173.03	173.83	0.80				Claystone dark grey, w/silty bands		
					571'	174.04			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7704 SHEET No: 26

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						571' / 174.04			
	173.83	174.51	0.68			Claystone	as above		
30°	174.51	175.13	0.62			Sandstone	light grey, fine grained, w/wavey claystone bands/lamination		
		175.48	0.35			Sandstone	TOP OF BOX 41 as above		
40°		176.32	0.84		576' /	175.56 Sandstone	as above		
	176.32	176.70	0.38			Claystone	dark grey, carbonaceous w/coaly stringers		
	176.70	176.90	(0.20)			Coal	missing		
						581' / 177.09			
	176.90	178.43	1.53			Claystone	as above		
		179.42	0.99			586' / 178.61 Claystone	as above		
							TOP OF BOX 42		
		179.78	0.36			Claystone	as above		
	179.78	180.22	0.44			Sandstone	light grey fine - med. grained w/ silty laminations		
						591' / 180.14			
	180.22	180.71	0.49			Claystone	dark grey, carbonaceous w/silty/sandy phases		
40°	180.71	181.45	0.74			Sandstone	light gray fine grained		
						596' / 181.66			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: Sd 7704 SHEET No: 27

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
40°	181.45	182.97	1.52			596' / 81.66	Claystone	dark grey, carb. w/calcite fillings at top		
		183.35	0.38			602' / 83.49	Claystone	as above		
	183.35	183.48	0.13				Coal	dull, broken core		
		183.64	0.16				Coal	missing		
								TOP OF BOX 43		
	183.64	184.20	0.56				Claystone	black, carbonaceous		
						606' / 84.71	Coal	dull and bright, core broken to chips		
	184.20	184.60	0.40				Claystone	missing		
		184.60	0.09							
35°	184.69	185.34	0.65				Sandstone	light grey, fine grained w/wavey laminations		
	185.34	185.99	0.65				Claystone	light grey, w/calcite fracture fillings near top		
						611' / 86.23	Claystone	as above		
		186.60	0.61							
30°		187.50	0.90				Claystone	as above, silty		
	187.50	187.58	0.08				Sandstone	light grey, fine grained w/dark grey claystone bands/laminations		
						616' / 87.76				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7704 SHEET No: 28

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						616' / 87.76			
30°	187.58	187.82	0.24			Sandstone	as above		
							TOP OF BOX 44		
35°		188.06	0.24			Sandstone	as above		
	188.06	189.06	1.00			Claystone	dark grey, massive.		
						621' / 89.28			
		189.16	0.10			Coal	stringers and calcite-upper half, claystone-lower half		
30°		190.00	0.84			Claystone	dark grey, w/odd coal stringers		
	190.00	190.08	0.08			Coal	dull, core highly broken to chips		
	190.08	190.57	0.49			Claystone	dark grey, slightly carbonaceous w/odd coal stringers		
		191.29	0.72			626' / 90.80			
						Claystone	as above		
	191.29	192.07	0.78			Sandstone	light grey, fine grained, massive		
							TOP OF BOX 45		
		192.11	0.04			Sandstone.	as above		
40°		193.67	1.56			631' / 92.33			
						Sandstone	as above		
						637' / 94.16			
	195.20		1.53			Sandstone	as above		
						642' / 95.68			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7704 SHEET No: 29

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						642' / 195.68			
	195.20	196.33	1.13			Sandstone as above			
						TOP OF BOX 46			
		196.44	0.11			Sandstone as above			
50° contact	196.44	196.78	0.34			Claystone dark grey			
						647' / 197.21			
40°		198.16	1.38			Claystone as above w/silty/sandy bands/laminations			
						652' / 198.73			
35°		199.60	1.44			Claystone as above			
						657' / 200.25			
		200.37	0.77			Claystone as above			
						TOP OF BOX 47			
30°		201.12	0.75			Claystone as above			
						662' / 201.78			
30°		202.75	1.63			Claystone as above, sandy phases at upper half			
		204.04	1.29			Claystone as above			
30°	204.04	204.23	0.19			Sandstone light grey, fine grained, w/claystone ^{thin} bands/laminations			
						672' / 204.83			
		204.57	0.34			Sandstone as above			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7704 SHEET No: 30

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 48		
	204.57	205.72	1.15				Sandstone as above w/thin calcite fillings along bedding in 3 places		
						677'	206.35		
		206.39	0.67				Sandstone as above		
40°	206.39	207.19	0.80				Claystone dark grey, w/ sandy phases		
						682'	207.87		
35°	207.19	208.41	1.22				Claystone as above		
	208.41	208.76	0.35				as above		
				0.38	19		TOP OF BOX 49		
	208.76	208.85	0.09			687'	209.40		
30°		209.23	0.38	0.33	20		Claystone dark grey w/ sandy phases, slightly carbonaceous		
		209.71	0.48	0.42	21		as above		
		209.96	0.25	0.22	22		as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7704 SHEET No: 31

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		GYE SAMPLE NUMBER 4-2-	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	209.96	210.02	0.06	0.05	1		Claystone dark grey, carbonaceous w/ coaly stringers, sheared,		
						691' / 210.62	highly broken core		
	210.02	210.08	0.06	0.05	2		Coal stoney, core broken		
		210.16	0.08	0.07			Coal missing		
	210.16	210.31	0.15	0.13	3		Claystone dark grey, carb., coaly, core solid except top broken		
		210.44	0.13	0.11	4		Claystone dark grey, carb., v. coaly, sheared, pulverized in part, broken		
		210.68	0.24	0.21	5		Coal boney, sheared, looks like stoney coal but heavy, top and bottom of core broken		Core
	210.68	210.96	0.28	0.24	6	694' / 211.53	Coal dull/bright, sheared, slickensided, top pulverized		
		211.29	0.33	0.29			Coal missing		
30°		211.48	0.19	0.16	7		dull banded, sheared, slickensided, upper half core broken		
		211.72	0.24	0.21	8		dull banded, sheared, slickensided, partly broken		
		211.90	0.18	0.16	9		dull banded, sheared, slickensided, core solid		
		212.05	0.15	0.13	10		dull banded, sheared, slickensided, broken core		
		212.26	0.21	0.18	11		dull core upper half solid, lower half broken, base pulverized		
		212.38	0.12	0.10	12	699' / 213.06	dull, solid core		
		212.51	0.13	0.11	13		dull, solid core		
		212.68	0.17	0.15	14		dull, solid core		
		212.88	0.20	0.17	15		dull, core partly broken		
		213.01	0.13	0.11	16		dull, slightly sheared, solid core		
		213.07	0.06	0.05	17	702' / 213.97	stoney to coaly claystone		
		213.23	0.16	0.14	18		dull, upper half solid core, lower half powdery-broken w/ base from claystone contact		
	213.23	213.34	0.11	0.09	23		Claystone dark grey, carbonaceous		
							TOP OF BOX 50		
		213.51	0.17	0.15	24		black, carbonaceous w/coaly stringers		
30°		213.67	0.16	0.14	25		as above		
		214.06	0.39	0.34	26		as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7704 SHEET No: 32

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		CYE SAMPLE NUMBER 4-2-	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	214.06	214.28	0.22				Claystone	black, carbonaceous w/coaly stringers, base-broken	core	
	214.28	214.37	0.09	0.27	27	706' /	215.19			
	214.37	215.85	1.49				Claystone	as above		
						711' /	216.71			
		217.45	1.59	1.38			Claystone	as above		
						716' /	218.24			
										TOP OF BOX 51
30°		217.56	0.11	0.09			Claystone	as above		
	217.56	217.60	0.04	0.03			Coal	highly broken core as chips (dull?)		
		217.81	0.21	0.18			Coal	dull (w/2 mm vitrain bands), solid core		
		218.08	0.27	0.23			Coal	dull and bright, highly broken core (packed for measurement)		
30°	218.08	218.97	0.89	0.77			Claystone	dark grey, slightly carbonaceous w/ odd coal stringers		
						721' /	219.76			
30°		220.55	1.58				Claystone	as above		
						726' /	221.28			
30°		221.24	0.69				Claystone	as above base w/ thin calcite fillings		
		221.35	0.11				Claystone	as above top w/ coal stringers		
	221.35	221.54	0.19				Sandstone	light grey, fine - medium grained x- bdd		
										TOP OF BOX 52
		222.12	0.58				Sandstone	as above		
						731' /	222.81			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: Sd 770 4 SHEET No: 33

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		G.Y.E. SAMPLE NUMBER 4-1-	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						731'/222.81			
30°	222.12	223.64	1.52			Sandstone	as above		
						736'/224.333			
30°		225.16	1.52			Sandstone	as above, .09m. from base w/calcite fillings/veinlets		
						741'/225.857			
		225.73	0.57			Sandstone	as above, upper half w/calcite fillings/veinlets		
							TOP OF BOX 53		
30/45°	226.68	0.95				Sandstone	as above, cross bedded (BCA)		
						746'/227.381			
30°		228.20	1.52			Sandstone	as above, w/calcite veinlets and fracture fillings on lower half		
						751'/228.905			
35°		229.77	1.57			Sandstone	as above, w/thin, wavy, carbonaceous laminations		
						756'/230.429			
							TOP OF BOX 54		
30°		231.30	1.53			Sandstone	as above		
						761'/231.953			
30°		232.88	1.58			Sandstone	as above		
						766'/233.477			
30°		234.09	1.21		39	Sandstone	as above		
							TOP OF BOX 55		
20/35°		234.30	0.21			Sandstone	as above, x-bdd.		
		234.47	0.17			Sandstone	missing		
						771'/235.00			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7704 SHEET No: 34

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	234.47	234.60	0.13	0.11	40		Claystone	dark grey, carbonaceous w/ odd coal stringers		
45°		234.80	0.20	0.17	41			as above		
contact		234.99	0.19	0.16	42			as above		
	234.99	235.08	0.09	0.08			Coal	bright core broken to chip sizes		
		235.11	0.03	0.03	X		Coal	missing		
	235.11	235.30	0.19	0.16	43		Claystone	as described above		
		235.55	0.25	0.22	X		Claystone	missing		
		235.84	0.29	0.25	44		Claystone	dark grey, carbonaceous		
		236.09	0.25	0.22	45		"			
		236.23	0.14	0.12	46		"			
		236.30	0.07	0.12	47	777'/	236.83 "			
		236.37	0.07			Claystone				
		236.77	0.40	0.35	48		"			
		236.95	0.18	0.16	49		"			
		237.11	0.16	0.14	50		"			
		237.36	0.25	0.22	51		"			
	237.36	237.52	0.16	0.14	X	781'/	238.05 "	missing		
	237.52	237.75	0.23	0.20	1		Coal	dull banded, (broken core packed for measurement)		
30°		238.12	0.51	0.44		783'/	238.66 "	missing		
		238.26				Coal	missing			
		238.44	0.18	0.16	2		Coal	dull/bright, (solid core)		
		238.58	0.14	0.12	3		"	" " " "		
		238.67	0.09	0.12	4		"	" " " "		
		238.72	0.05			Coal	bright banded, " "			
		238.98	0.26	0.22	X	786'/	239.57 Coal	missing		
		239.11	0.13	0.11	5		Coal	bright banded, solid core		
		239.29	0.18	0.16	6		"	dull bright " "		
		239.49	0.20	0.17	7		Coal	<u>TOP OF BOX 56</u> dull banded metallic solid core		
		239.63	0.14	0.12	8		"	" " " " "		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7704 SHEET No: 35

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		CYE SAMPLE NUMBER 4-1-	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	239.63	239.77	0.14	0.12	9		Coal	dull banded, metallic luster, solid core		
		239.97	0.20	0.17	10		"	" " " " " "		
		240.10	0.17	0.15	11		"	" " " " " "		
		240.31	0.17	0.15	12		"	" " " " " "		
		240.41	0.10	0.09	13		"	" " " " " "		
		240.58	0.17	0.15	14	791' / 241.10	"	" " " " " " , hard, solid core broken core		
		240.75	0.17	0.15	15		Coal	dull banded, (highly broken core packed for measurement)		
		240.88	0.13	0.11	16		"	" " " " " " " " " "		
		241.08	0.20	0.17	17		"	" " " " " " " " " "		
	241.08	241.15	0.07	0.06	X		Coal	missing		
		241.29	0.14	0.12	18		Coal	dull/bright, hard, solid core		
		241.43	0.14	0.12	19			dull banded, " " "		
		241.60	0.17	0.15	20		Coal	" " " " "		
		241.76	0.16	0.14	21	793' / 241.71		dull banded, solid core breaks // core axis		
		241.96	0.20	0.17	22		"	" " " " " " " " "		
		242.16	0.20	0.17	23			bright " " " " " "		
		242.34	0.18	0.16	24			" " " " " " " " "		
		242.50	0.16	0.14	25			" " " " " " " " "		
		242.72	0.22	0.19	26			bright banded " " " " " "		
	242.72	242.96	0.24	0.21	27	798' / 243.23	Claystone	black, carbonaceous w/ coal stringers at 0.16 and base		
		243.13	0.17	0.15	28		Coal	dull/bright, solid core		
40°		243.38	0.25	0.22	29		Claystone	black, carbonaceous		
contact		243.52	0.14	0.12	30		Coal	dull, metallic luster, broken core		
40°								TOP OF BOX 57		
	243.52	243.74	0.22	0.19	52		Claystone	black, carbonaceous		
		243.90	0.16	0.14	53			as above		
		243.98	0.08	0.07	54	802' / 244.45		as above		
		244.14	0.16	0.14	54			as above		
		244.20	0.06	0.05	55			as above		
		244.60	0.40	0.35	56			as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7704 SHEET No: 36

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	244.60	244.92	0.32	0.28	57		Claystone	black, carbonaceous		
		245.19	0.27	0.23	58			as above		
	245.19	245.35	0.16	0.14	X		Coal	missing		
		245.44	0.09	0.08	59		Claystone	black, carbonaceous		
		245.52	0.08	0.07	60	807'/245.97	" "	" "		
		245.58	0.06	0.05			" "	" "		
30°		246.20	0.62	0.54	61		" "	" "		
		246.39	0.19	0.16	X		Claystone	missing		
	246.39	246.60	0.21	0.18	31		Coal	dull/bright, solid core, breaks//core axis		
		246.76	0.16	0.14	32		"	" " " " " " " "		
		246.91	0.15	0.13	33		"	" " " " " " " "		
		247.06	0.15	0.13	34	812'/247.50		bright banded " " lower half broken		
		247.14	0.08	0.07	X		Coal	missing		
		247.27	0.13	0.11	35		Coal	bright banded, solid core		
40°		247.49	0.22	0.19	36		"	" " " " "		
contact		247.77	0.28	0.24	37		Claystone	black, carbonaceous w/odd coal stringers, sharp contact w/coal		
40°		247.85	0.08	0.07	38		Coal	bright banded, stoney to clay banded near top (contact w/ cl		
		247.94	0.09	0.08	X		Coal	missing		stor
								TOP OF BOX 58		
		248.16	0.22	0.19	62		Sandstone	light grey, medium grained, massive		
		248.39	0.23	0.20	63	816'/248.72	"	" " " " "		
		248.50	0.11	0.09			"	" " " " "		
		248.90	0.40	0.35	64		"	" " " " "		
		249.85	0.95			821'/250.24	"	" " " " " S.P. Santiago March 26, 1977		
		251.37	1.52			826'/251.76	"	" " " " " calculated and coal seams		
							"	" " " " " adjusted to geophysical log		
		251.59	0.22				"	" " " " " March 30, 1977 sampled in		
							"	" " " " " detail for standard of		
							E.O.H.	petrophysical studies April 3, 1977		
							T.D. 251.59m - 825.43 ft.	and mining section SPS		
								Redrafted April 27, 1977		

SAXON PROJECT (SAXON EAST)

HOLE NO. SD 7705 BEARING _____ ANGLE 90° TOTAL DEPTH 261.83

COORDINATES 6022899.6 N 689822.6 E COLLAR ELEVATION 1634.3

Seam No. 1 Elevation of Seam (Base) 1381.50

Seam Interval: 246.08 - 252.82 Upper _____

True Thickness of Mining Section: 5.73 Coal 4.91 _____ Coal _____

Rock 0.82 Rock _____

Core Recovery: 67 % _____ %

INTERSEAM THICKNESS: 21.32

Seam No. 2 Elevation of Seam (Base) 1413.6

Seam Interval: 218.24 - 220.66 _____

True Thickness of Mining Section: (1.98) Coal 1.98 _____ Coal _____

Rock -- Rock _____

Core Recovery: 43 % _____ %

INTERSEAM THICKNESS: 40.0

Seam No. 4 Elevation of Seam (Base) 1502.8

Seam Interval: 127.16 - 131.54 _____

True Thickness of Mining Section: 3.61 Coal 3.55 _____ Coal _____

Rock 0.06 Rock _____

Core Recovery: 100 % _____ %

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness of Mining Section: _____ Coal _____ Coal _____

Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS:

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7705 SHEET No: 1
 DATE BEGUN: 16/3/77
 DATE FINISHED: 20/3/77
 LAT.: _____

DEPTH: 262.4 m. BEARING: _____ U.T.M.: _____
 ELEV. COLLAR: _____ TOTAL DEPTH: 262.4 m COAL LICENSE: _____
 HOLE ANGLE: Vertical LOGGED BY: Polloks CORE SIZE: HQ



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	0.0	6.10	6.10				No Core		
	6.10	7.80	1.70				20' casing Claystone		
					26'/7.92		dark occasionally sandstone layers, occ. weathered		
		9.98	2.18				as above		
							<u>TOP OF BOX 2</u>		
		10.87	0.89				Claystone		
					36'/10.97		dark grey		
		13.52	2.65				as above		
					46'/14.02				
		13.98	0.46				as above at top carbonaceous with coal streaks		
							<u>TOP OF BOX 3</u>		
		16.15	2.17				Claystone		
		17.07	0.92				dark, carb.		
					56'/17.07		Core loss		
		17.41	0.34				Claystone		
							dark		
48°	17.41	18.34	0.93				Sandstone		
	18.34	19.02	0.68				grey, fine grained, argillaceous, at top and base carb.		
							Claystone		
							dark, carb.		
							<u>TOP OF BOX 4</u>		
		20.16	1.14				as above		
					66'/20.12				
		23.19	3.03				as above, occ. sandy		
					76'/23.17				
		26.19	3.00				Claystone		
					86'/26.22		dark grey, silty, occ. sandstone layers		
		27.42	1.23				as above		
							<u>TOP OF BOX 6</u>		
		29.16	1.74				Claystone		
					96'/29.27		dark grey, with sandstone layers		
		31.56	2.40				as above		
							<u>TOP OF BOX 7</u>		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: Sd 7705 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
		32.14	0.58				Claystone dark		
					106'	32.32			
		35.04	2.90				Claystone dark grey, with sandstone layers		
					116'	35.37			
	35.04	35.98	0.94				Core loss Coal		
					118'	35.98			
	35.98	36.61	0.63				Claystone dark, carb., at top 3 cm coal		
							TOP OF BOX 8		
		37.46	0.85				Claystone dark grey		
					123'	37.49			
		39.01	1.55				as above		
					128'	39.02			
		39.67	0.66				as above		
					131'	39.93			
		40.67	1.00				as above		
							TOP OF BOX 9		
		42.84	2.17				as above		
					141'	42.98			
		44.28	1.44				Claystone dark, occ. carb. and slickensided, some coal streaks		
					146'	44.50			
		44.48	0.20				as above		
		46.02	1.54				Core loss Coal and Claystone		
					151'	46.02			
							TOP OF BOX 10		
	46.02	46.15	0.13				Coal dull and bright		
	46.15	46.92	0.77				Core loss claystone		
					154'	46.93			
		47.23	0.31				Claystone dark, carb.		
					155'	47.23			
		47.55	0.32						
					157'	47.84			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7705 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
		48.13	0.58				Claystone	dark	
	48.13	49.05	0.92	.63			Core loss	Coal and Claystone	
						161'/49.06			
	49.05	49.60	0.55	.38			Coal	dull	
	49.60	50.27	0.67	.46			Core loss	Coal	
						165'/50.28			
	50.27	50.50	0.23				Claystone	dark grey, sandy	
						166'/50.58			
47°	50.50	51.86	1.36				as above		
								TOP OF BOX 11	
	51.86	52.04	0.18				Sandstone	grey, fine to medium grained, argillaceous	
						171'/52.12			
		52.29	0.25				as above,	grading into claystone	
	52.29	53.57	1.28				Claystone	dark grey, sandy, at base sandstone, arg.	
						176'/53.64			
	53.57	55.06	1.49				Sandstone	grey, fine grained, arg.	
						181'/55.17			
		55.68	0.62				as above		
								TOP OF BOX 12	
	55.68	56.71	1.03				Siltstone	grey, sandy, very arg., some sandstone layers	
						186'/56.69			
		58.13	1.42				as above		
						191'/58.22			
47°		59.71	1.58				as above, at base	grading into claystone, near top	a few
						196'/59.74		coal streaks	
								TOP OF BOX 13	
	59.71	60.11	0.40				Claystone	dark, grading into sandstone	
45°	60.11	61.11	1.00				Sandstone	grey, fine grained, arg.	
						201'/61.26			
		61.32	0.21				as above		
	61.32	62.67	1.35				Claystone	dark grey	
						206'/62.79			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7705 SHEET No: 4

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	62.67	63.94	1.27				Claystone dark grey, occ. carb., a few coal streaks		
						211'/64.21			
							TOP OF BOX 14		
		65.50	1.56				as above		
						216'/65.84			
		67.01	1.51				as above		
						221'/67.36			
		67.93	0.92				as above		
							TOP OF BOX 15		
		68.64	0.71				as above, slickensided		
	68.64	69.80	1.16				Core loss Coal and claystone		
						229'/69.80			
	69.80	70.38	0.58				Claystone dark, carb, with coal bands		
						231'/70.41			
		71.08	0.70				as above		
						236'/71.93			
	71.08	72.57	1.49				Core loss Coal and claystone		
	72.57	73.21	0.64				Claystone dark, a few coal streaks, grading into sandstone		
41°	73.21	73.46	0.25				Sandstone grey, fine grained, arg.		
						241'/73.46			
		74.02	0.56				as above		
	74.02	74.20	0.18				Claystone dark grey		
							TOPOF BOX 16		
		74.58	0.38				as above, grading into siltstone		
	74.58	75.01	0.43				Siltstone very sandy and arg.		
						246'/74.98			
	75.01	76.11	1.10				Claystone dark, a few coal streaks, at top silty		
						251'/76.50			
	76.11	77.73	1.62				Sandstone grey, fine grained, arg., with 34cm silty claystone band		
						256'/78.03			
	77.73	78.23	0.50				Sandstone grey, fine grained, arg.		
							TOP OF BOX 17		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7705 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	78.23	79.08	0.85				Mainly Siltstone grey, occ. claystone bands and sandstone bands		
						261'/79.55			
		80.63	1.55				as above		
						266'/81.08			
		82.21	1.58				as above		
						271'/82.60			
		82.41	0.20				as above		
	82.41	82.90	0.49				Siltstone grey, grading into sandstone		
							TOP OF BOX 18		
	82.90	83.80	0.90				Sandstone med. grey, fine grained, arg.		
						276'/84.12			
		84.72	0.92				as above, at base medium grained, a few coal inclusions		
	84.72	85.29	0.57				Claystone dark		
						281'/85.65			
		86.74	1.45				as above		
							TOP OF BOX 19		
		86.83	0.09				as above		
						286'/87.17			
		88.29	1.46				as above, a few coal streaks		
						291'/88.70			
		89.81	1.52				Claystone dark		
						296'/90.22			
		90.85	1.04				as above		
							TOP OF BOX 20		
		91.35	0.50				as above		
						301'/91.75			
		92.86	1.51				Claystone dark, carb, with coal streaks		
						306'/93.27			
		94.39	1.53				as above, at base silty		
						311'/94.80			
		94.95	0.56				Claystone dark grey, silty		
							TOP OF BOX 21		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7705 SHEET No: 6

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	94.95	95.17	0.22				Claystone	dark, carb.		
	95.17	95.44	0.27				Coal	dull		
	95.44	96.00	0.56				Core loss	claystone		
	96.00	96.32	0.32				Claystone	dark, at top carb.		
						316'/	96.32			
	96.32	97.86	1.54				Sandstone	grey, arg. and silty claystone		
						321'/	97.85			
35°		99.39	1.53				Sandstone	medium grey, fine grained, arg. with claystone layers		
						326'/	99.37			
		99.57	0.18					as above		
								<u>TOP OF BOX 22</u>		
		100.84	1.27				Sandstone	med. grey, fine to med. grained, arg.		
						331'/	100.90			
		102.39	1.55					as above		
						336'/	102.42			
33°		103.82	1.43					as above, near base 1 cm. coal and shale		
								<u>TOP OF BOX 23</u>		
		103.92	0.10				Sandstone	grey, fine grained, arg.		
						341'/	103.94			
	103.92	105.47	1.55				Claystone	dark, grading into siltstone		
						346'/	105.46			
	105.47	106.91	1.44				Siltstone	grey, very sandy		
						351'/	106.99			
		107.26	0.35				Siltstone	grey		
	107.26	107.57	0.31				Claystone	dark, carb., with coal streaks, slickensided		
	107.57	108.22	0.65				Core loss	Claystone		
								<u>TOP OF BOX 24</u>		
	108.22	108.51	0.29				Claystone	dark, carb. with coal streaks, slickensided		
						356'/	108.51			
		109.95	1.44				Claystone	dark grey, grading into siltstone		
						361'/	110.04			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7705 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY			
	From	To	Thick.	True				m.Rec.	%		
	109.95	111.52	1.57				Siltstone	grey, sandy and arg.			
		112.33	0.81			366' /	111.56	as above			
		112.99	0.66					<u>TOP OF BOX 25</u>			
		113.17	0.18			371' /	113.09	as above			
	113.17	114.51	1.34				Sandstone	grey, fine to med. grained, very arg., some calcite veins'			
						376' /	114.61				
37°		116.04	1.53					as above			
		116.40	0.36			381' /	116.14	as above			
		117.58	1.18				Sandstone	med. grey, med. grained			
		119.00	1.42			386' /	117.66	as above, at base grading into siltstone			
		120.55	1.55			391' /	119.19				
							Sandstone	grey, fine to med. grained, arg., at top and base siltstone			
						396' /	120.71	<u>TOP OF BOX 27</u>			
	120.55	122.06	1.51				Claystone	dark, carb., sandy, a few coal streaks, at base 14 cm. sandst			
		123.64	1.58			401' /	122.23	Claystone	dark, carb, a few coal streaks, at top 2 cm. sandstone		
		124.63	0.99			406' /	123.75	as above			
		125.88	1.25					<u>TOP OF BOX 28</u>			
								as above, at base slickensided			
	125.88	126.16	0.28				Coal	core loss			
	126.16	126.44	0.28				Claystone	dark, carb, slickensided			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7705 SHEET No: 7A

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
(35°)	126.44	126.88	(0.44)				Coal	core loss	
	126.88	127.16	0.28		5-4-		Claystone	dark, carb, slickensided	
		127.44	0.28	0.23	1		Coal	dull, metallic, upper contact w/claystone, stoney, sheared core broken to chips and grit	
		127.71	0.27	0.22	2			dull, metallic luster, sheared in part, shiny slickensided faces, solid core	
		127.88	0.17	0.14	3			dull, metallic luster, sheared, core broken, base pulverized	
						421'/	128.32		
		128.03	0.15	0.12	4			sheared, pulverized core & chips	
		128.28	0.25	0.20	5			dull, metallic luster, partly sheared, solid core	
		128.58	0.30	0.25	6			" " " " " " "	
		128.74	0.16	0.13	7			dull banded (30% bright), metallic lustre, solid core	
		128.92	0.18	0.15	8			} dull metallic lustre partly sheared solid core breaks near L.C.A., shiny and slickensided	
		129.10	0.18	0.15	9				
		129.28	0.18	0.15	10				
		129.44	0.16	0.13	11			as above, upper half broken core, lower half solid	
		129.61	0.17	0.14	12	42'/	129.84		
		129.87	0.26	0.21	13			} dull, partly sheared, solid core breaks near L.C.A. (20°) and slickensided	
		130.03	0.16	0.13	14				
		130.14	0.11	0.09	15				
		130.22	0.08	0.07	16				
		130.32	0.10	0.08	17				
		130.44	0.12	0.10	18				
		130.12	0.13	0.11	19			} dull, sheared, solid core breaks very shiny and slickensided	
		130.70	0.13	0.11	20				
		131.05	0.35	0.29	21			dull, metallic lustre, sheared, core breaks very shiny and slickensided, upper 0.08 m. pulverized w/odd flakey chips	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7705 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 30		
	133.35	133.74	0.39				Sandstone	med. grey, med. grained arg.	
						441' / 134.42			
		134.81	1.07				as above		
	134.81	135.52	0.71				Core loss	claystone	
	135.52	135.94	0.42				Claystone	dark	
						446' / 135.94			
		137.36	1.42				as above, at base slickensided		
						451' / 137.47			
33 ⁰	137.36	138.02	0.66				Sandstone	grey, fine to med. grained, arg.	
							TOP OF BOX 31		
		138.27	0.25				as above		
	138.27	138.87	0.60				Claystone	dark grey	
						456' / 138.99			
		140.40	1.53				as above		
						461' / 140.52			
		141.96	1.56				as above		
						466' / 142.04			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7705 SHEET No: 8A

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						431' / 131.37			
	131.05	131.23	0.18	0.15	22	Coal	sheared, bright w/odd dull bands, breaks flakey, very shiny, slickensided upper 0.05 broken		
		131.41	0.18	0.15	23		dull/bright to stoney, quite heavy and clayey, solid core		
		131.54	0.13	0.11	24	Coal-Claystone	ground pulverized core - mixture of stoney & shiny coal, coaly claystone, 0.06 rock, 0.05 coal		
	131.54	131.76	0.22	0.18	25	Claystone	black carbonaceous, upper .03 claystone w/coal at contact with coal sample 29		
	131.76	131.81	0.05	0.04	26	Coal - Claystone	ground, pulverized core - mixture of stoney & shiny coal, coaly claystone		
		131.87	(0.06)	0.05		Coal	core loss		
	131.87	131.96	0.09	0.07	27	Claystone	med. dark grey		
		131.25	0.29	0.24			as above		
						436' / 132.89			
33°		132.64	0.39	0.32			as above, gradational contact w/ 2		
	132.64	133.35	0.71	0.60		Sandstone	light grey, fine grained		
							TOP OF BOX 30		
							Relogged 5/4/77 (126 '44 - 133.35) & sampled SPSantiago in detail.		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7705 SHEET No: 9

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	141.96	142.21	0.25				Claystone dark grey		
							<u>TOP OF BOX 32</u>		
		143.42	1.21				as above		
					471'	143.57			
		144.95	1.53				as above, silty		
					476'	145.09			
	144.95	146.37	1.42				Siltstone dark grey, occ. sandy		
					481'	146.62			
		147.89	1.52				as above		
					486'	148.14			
		149.35	1.46				as above		
					491'	149.66			
		150.69	1.34				as above		
							<u>TOP OF BOX 34</u>		
	150.69	150.85	0.16				Sandstone med. grey, fine to med. grained, arg.		
					496'	151.19			
35°		152.38	1.53				as above		
					501'	152.70			
		153.92	1.54				as above		
					506'	154.23			
		155.01	1.09				as above		
							<u>TOP OF BOX 35</u>		
		155.44	0.43				Sandstone med. grey, med. grained, arg.		
					511'	155.75			
37°		157.03	1.59				as above		
					516'	157.28			
		158.53	1.50				as above, with coaly inclusions		
					521'	158.80			
		159.26	0.73				as above		
							<u>TOP OF BOX 36</u>		
		160.10	0.84				Sandstone grey, med. grained, very argillaceous		
					526'	160.33			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7705 SHEET No: 10

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	160.10	161.56	1.46				Sandstone grey, med. grained, very arg., at base med. grey		
38°		163.07	1.51			531' / 161.85	Sandstone med. grey, med. grained, arg.		
		163.50	0.43			536' / 163.38	as above, with coarse grained layers and coaly inclusions		
		163.76	0.26				TOP OF BOX 37		
	163.76	163.98	0.22				as above		
	163.98	164.45	0.47				Grit black and light grey grains 3 mm, subangular		
	164.45	164.68	0.23				Sandstone med. grey, med. grained, with coaly inclusions, at base 6cm gr		
		166.10	1.42			541' / 164.90	Claystone dark grey at top sandy		
		166.10	1.35			546' / 166.43	Claystone dark grey, at base sandy		
	167.45	167.67	0.22			551' / 167.95	Sandstone grey, fine grained, very arg., at base 8 cm claystone		
36°	167.67	168.80	1.13				Claystone dark, carb, with coal streaks, slickensided		
		168.80	0.06				Coal core loss		
		170.31	1.45				TOP OF BOX 38		
		170.89	0.58			554' / 168.86	Claystone dark carb. with coal streaks, slickensided		
		172.36	1.47			560' / 170.69	Claystone dark carb., with coal streaks, near base 1cm bright coal		
		173.50	1.14				Core loss		
		173.88	0.38			565.5' / 172.36	Claystone dark		
35°		175.46	1.58				as above, at top slickensided and coal streaks		
							TOP OF BOX 39		
						571' / 174.04	Claystone dark		
						576' / 175.56	Claystone dark grey, at base sandy		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7705 SHEET No: 11

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	175.46	176.98	1.52				Sandstone	grey, fine grained, very agr.		
						581' /	177.09			
	176.98	177.72	0.74				Siltstone	grey, at top sandy		
								TOP OF BOX 40		
	177.72	178.53	0.81				Silty Claystone	grey		
						586' /	178.61			
	178.53	179.13	0.60				Claystone	dark, carb, a few coal streaks		
	179.13	179.50	0.37				Siltstone	grey		
	179.50	179.73	0.23				Sandstone	med. grey, fine to med. grained		
	179.73	180.01	0.28				Claystone	dark		
						591' /	180.14			
36°	180.01	181.26	1.25				Sandstone	med. grey, med. grained, arg.		
	181.26	181.46	0.20				Claystone	dark grey		
						596' /	181.66			
		181.88	0.42				Claystone	dark, carb., some coal streaks		
								TOP OF BOX 41		
		182.81	0.93				Claystone	dark, at top carb., near top 1 cm. bright coal		
						601' /	183.19			
		184.36	1.55				Claystone	dark		
						606' /	184.71			
		185.84	1.88				Claystone	dark grey, at base silty		
						611' /	186.24			
		186.10	0.26				Silty Claystone	dark grey		
								TOP OF BOX 42		
		187.33	1.23				Claystone	dark, carb., some coal streaks		
						616' /	187.76			
		188.85	1.52					as above, at base 3 cm. coal		
						621' /	189.29			
		190.39	1.54					as above		
								TOP OF BOX 43		
		190.45	0.06					as above		
						626' /	190.81			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7705 SHEET No: 12

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	190.45	191.94	1.49				Claystone	dark grey, occ. silty		
		193.53	1.59			631' / 192.34		as above		
						636' / 193.86				
37°	193.53	194.54	1.01				Sandstone	med. grey, med. grained, arg., some calcite veins, at top grey, fine grained, very arg.		
								TOP OF BOX 44		
		195.14	0.60				Sandstone	med. grey, med. grained, arg.		
						641' / 195.38				
		196.40	1.26					as above		
	196.40	196.73	0.33				Claystone	dark		
						646' / 196.90				
		197.96	1.23					as above, slickensided		
						651' / 198.43				
		198.67	0.71				Claystone	dark grey, silty		
								TOP OF BOX 45		
37°	198.67	199.58	0.91				Sandstone	med. grey, med. grained, arg., at top siltstone		
						656' / 199.95				
		201.00	1.42				Sandstone	med. grey, fine grained, interbedded with thin layers of siltstone and claystone		
						661' / 201.48				
		202.62	1.62					as above grading into sandy and shaly siltstone		
						666' / 203.00				
	202.62	202.96	0.34				Siltstone	grey, shaly and very sandy		
								TOP OF BOX 46		
		204.01	1.05					as above, a few coaly inclusions		
						671' / 204.53				
		205.53	1.52					as above, occ. sandstone layers		
						676' / 206.05				
		207.06	1.53				Siltstone	grey, very sandy, arg., grading into sandstone		
						681' / 207.58				
								TOP OF BOX 47		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7705 SHEET No: 13

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
36 ⁰	207.06	208.68	1.62				Sandstone med. grey, fine to med. grained, arg. with shale bands		
						686'/209.10			
		211.33	2.65				as above		
							TOP OF BOX 48		
		211.68	0.35				as above		
						696'/212.15			
		213.16	1.48				as above		
						701'/213.68			
		214.57	1.41				as above		
						706'/215.20			
		215.53	0.96				as above		
							TOP OF BOX 49		
35 ⁰		216.22	0.69				as above, grading into siltstone		
						711'/216.73			
	216.22	217.50	1.28				Siltstone grey, at top sandy		
						716'/218.25			
	217.50	218.10	0.60				Claystone dark, carb., with coal streaks		
	218.10	218.24	0.14				Core loss Claystone		
35 ⁰	218.24	219.29	1.05	0.86	2/1/1		Coal highly sheared	1.05	
	219.29	220.66	1.37	1.12			Core loss Coal		
	220.66	220.88	0.22				Claystone dark, carb., slickensided	1.05	43
							TOP OF BOX 50		
	220.88	222.50	1.62				Core loss claystone with coal bands		
						730'/222.50			
	222.50	224.03	1.53				Claystone dark grey, at top slickensided, at base silty		
						735'/224.02			
	224.03	225.55	1.52				Siltstone grey with claystone bands, at base sandy		
	225.55	225.64	0.09				Sandstone med. grey, fine to med. grained, arg.		
						740'/225.55			
		226.20	0.56				as above		
							TOP OF BOX 51		
		227.27	1.07			746'/227.37	as above, grading into med. grained		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7705 SHEET No: 14

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	227.27	227.45	0.18				Sandstone	med. grey, med. grained		
		228.88	1.43				Sandstone	grey, fine grained, arg., occ. siltstone layers.		
		230.36	1.48			751'/228.89		as above		
								<u>TOP OF BOX 52</u>		
		230.49	0.13				Sandstone	med. grey, med. grained		
						756'/230.42		as above		
		231.85	1.36					as above		
						761'/231.94		as above		
		233.39	1.54					as above		
						766'/233.47		as above		
		234.65	1.26					as above		
								<u>TOP OF BOX 53</u>		
		234.91	0.26					as above		
						771'/234.99		as above, a few carb. inclusions		
		236.42	1.51					as above, a few carb. inclusions		
						776'/236.52		as above, a few carb. inclusions		
		237.94	1.52				Sandstone	med. grey, fine grained, arg.		
						781'/238.04		as above, silty at top		
33°		238.78	0.84					as above, silty at top		
								<u>TOP OF BOX 54</u>		
		239.50	0.72				Sandstone	grey, fine grained, arg., with coaly inclusions, some calcite veins		
						786'/239.57		as above		
		239.76	0.26					as above		
		240.66	0.90				Sandstone	grey, fine grained, arg., some calcite veins		
	240.66	240.91	0.25				Siltstone	dark grey, sandy		
						791.241.09		as above		
		242.48	1.57					as above		
						796'/242.62		as above		
		242.99	0.51					as above		
								<u>TOP OF BOX 55</u>		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7705 SHEET No: 15

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	242.99	243.95	0.96				Silty Claystone	dark grey, grading into dark, carb. claystone		
						801' /	244.14			
	243.95	245.47	1.52				Claystone	dark, carb.		
						806' /	245.67			
	245.47	246.08	0.61		5-1-			as above		
	246.08	246.68	0.60	0.51			Coal	dull, metallic lustre		
	246.68	246.83	0.15	0.13			Claystone	dark carb., some coal streaks, at top and base slickensided		
								<u>TOP OF BOX 56</u>		
	246.83	247.49	0.66	0.58				as above		
	247.49	247.82	0.13	0.11			Core loss	claystone		
						815' /	248.41			
	247.62	247.65	0.03	0.03			Coal	dull	0.03	
	247.65	247.74	0.09	0.08			Coal	sheared	0.09	
	247.74	248.70	0.96	0.81	1/5/1		Coal	dull, banded	0.96	
	248.70	249.15	0.45	0.38			Coal	core loss		
							820' /	249.94		
	249.15	249.39	0.24	0.20			Coal	dull, metallic lustre	0.24	
(32°)	249.39	250.37	0.98	0.83			Coal	core loss		
							824' /	251.16		
	250.37	250.47	0.10	0.08			Coal	sheared	0.10	
	250.47	250.85	0.38	0.32			Coal	dull, banded	0.38	
	250.85	250.97	0.12	0.10			Coal	sheared	0.12	
	250.97	251.17	0.20	0.17			Coal	dull, banded	0.20	
	251.17	251.62	0.45	0.38	1/4/1		Coal	bright, banded	0.45	
	251.62	251.73	0.11	0.09			Coal	dull, banded	0.11	
	251.73	251.79	0.06	0.05			Coal	sheared	0.06	
	251.79	251.90	0.11	0.09			Coal	dull, banded	0.11	
							829' /	252.68		
	251.90	252.13	0.23	0.20			Coal	dull, banded	0.23	
	252.13	252.82	0.69	0.59			Coal	core loss	3.08	59

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7705 SHEET No: 16

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	252.82	252.93	0.11	0.09			Claystone dark, slickensided		
		254.35	1.42	1.22			as above, some coal streaks		
		254.71	0.36	0.31		836'/254.81	as above		
		254.88	0.17	0.15			Core loss Claystone		
(31°)	254.88	255.03	0.15	0.13			Coal sheared		
	255.03	255.28	0.25	0.21			Coal core loss		
	255.28	255.56	0.28	0.23			Claystone dark, carb., sheared		
(31°)	255.56	255.65	0.09	0.08			Coal sheared		
	255.65	255.76	0.11	0.09			Coal core loss		
	255.76	255.90	0.14	0.12			Claystone dark grey, with sandstone layers, occ. silty		
	255.90	257.00	1.10	0.94	5-1-	841'/256.34	as above		
	257.00	257.20	0.20	0.17	5		as above		
	257.20	257.31	0.11	0.09	6		Coal dull, banded	0.11	
						846'/257.86			
	257.31	257.54	0.23	0.20	7		Coal dull, banded	0.23	
	257.54	258.17	0.63	0.54	10		Coal dull and bright TOP OF BOX 57	0.63	
(31°)	258.17	258.28	0.11	0.09			Coal core loss		
	258.28	258.64	0.36	0.31	11		Claystone dark, carb.	0.36	
	258.64	258.78	0.14	0.12	12		Coal dull and bright	0.14	
	258.78	258.90	0.12		13		Sandstone grey, fine grained, arg.	1.47	95
						851'/259.38			
30°	258.90	260.45	1.55				Sandstone med. grey, med. grained, massive, with re-crystallized feldspar		
						856'/260.91			
	260.45	261.83	1.38				as above, a few coal streaks at base		
						861'/262.43			
							END OF HOLE.		

SAXON PROJECT (SAXON EAST)

HOLE NO. SD 7706 BEARING _____ ANGLE 90° TOTAL DEPTH 507.84
COORDINATES 6019256.4 N 693737.1 E COLLAR ELEVATION 1422.4

Seam No. 4 Elevation of Seam (Base) 921.0

Seam Interval: 492.32 - 501.40

True Thickness of Mining Section: 7.62 Coal 7.33 Coal _____

Rock 0.29 Rock _____

Core Recovery: 56 % _____ %

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness of Mining Section: _____ Coal _____ Coal _____

Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness of Mining Section: _____ Coal _____ Coal _____

Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness of Mining Section: _____ Coal _____ Coal _____

Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS:

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 1

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: VERTICAL LOGGED BY: G. JORDAN CORE SIZE: HQ



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 1</u>	4.03	
	0	13.62					No core tricone to 13.62 m.		
	13.62	14.33	0.71				Glacial Till		
						47'/14.33			
	14.33	15.39	1.06			50'/15.24			
	15.39	16.81	1.42						
						55'/16.76			
40°	16.81	17.76	0.86				Claystone dark grey, occasional thin grey siltstone interbeds and a few thin sandstone interbeds		
							<u>TOP OF BOX 2</u>	4.02	
	17.67	18.43	0.76			60'/18.29			
	18.43	19.96	1.53						
						65'/19.81			
	19.96	21.29	1.33						
						70'/21.34			
	21.29	21.68	0.39						
							<u>TOP OF BOX 3</u>	3.93	
	21.68	22.11	0.43						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						72'/21.95			
	22.11	23.61	1.50						
						77'/23.47			
	23.61	25.16	1.55						
						82'/24.99			
	25.16	25.65	0.49				TOP OF BOX 4	4.04	
	25.65	26.56	0.91						
						87'/26.52			
	26.56	28.17	1.61						
						92'/28.04			
	28.17	29.67	1.50						
						97'/29.57			
							TOP OF BOX 5	4.12	
	29.67	31.11	1.44						
						102'/31.09			
	31.11	32.61	1.50						
						107'/32.61			
	32.61	33.77	1.16						

SHAFESBURY FORMATION

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 6</u>	4.09	
	33.77	34.24	0.47			112'/34.14			
	34.24	35.75	1.51			117'/35.66			
	35.75	37.07	1.32			122'/37.19			
	37.07	37.87	0.80				<u>TOP OF BOX 7</u>	3.98	
	37.87	38.52	0.65			127'/38.71	SHAFTESBURY FORMATION		
	38.52	39.96	1.44			132'/4.23			
	39.96	41.68	1.72			137'/41.76			
	41.68	41.87	0.19				<u>TOP OF BOX 8</u>	4.25	
30°	41.87	43.25	1.38			142'/43.28			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 4

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	43.25	44.75	1.50						
						147' / 44.81			
	44.75	46.12	1.37						
							TOP OF BOX 9	4.22	
	46.12	46.31	0.19						
						152' / 46.33			
	46.31	47.88	1.57						
						157' / 47.85			
	47.88	49.42	1.54						
						162' / 49.38			
	49.42	50.44	1.02						
							TOP OF BOX 10	4.35	
	50.44	51.00	0.56						
						167' / 50.90			
	51.00	52.50	1.50						
						172' / 52.43			
	52.50	54.04	1.54						
						177' / 53.95			
	54.04	54.78	0.74						
							TOP OF BOX 11	4.25	
	54.78	55.57	0.79						
						182' / 55.47			

SHAFTESBURY FORMATION

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	55.57	57.13	1.56			187' / 57.00			
	57.13	58.69	1.56			192' / 58.52			
	58.69	59.02	0.33			<u>TOP OF BOX 12</u>	4.35		
	59.02	60.24	1.22			197' / 60.05			
	60.24	61.84	1.60			203' / 61.87			
	61.84	63.46	1.62			208' / 63.40			
	63.46	64.84	1.38			<u>TOP OF BOX 13</u>	4.13		
	64.84	66.45	1.61			213' / 64.92			
	66.45	67.50	1.05			218' / 66.45			
	67.50	67.96	0.46			<u>TOP OF BOX 14</u>	4.07		
						233' / 67.97			

SHAFTESBURY FORMATION



HOLE No: SD 7706 SHEET No: 6
 DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	67.96	69.48	1.52						
						228' / 69.49			
	69.48	70.90	1.42						
						233' / 71.02			
	70.90	71.55	0.65						
							TOP OF BOX 15	4.28	
	71.55	72.45	0.90						
						238' / 72.54			
	72.45	73.91	1.46						
						243' / 74.07			
	73.91	75.54	1.63						
	75.54	75.89	0.35			Core loss	rock		
						248' / 75.59			
	75.89	76.21	0.32						
							TOP OF BOX 16	4.09	
	76.12	77.13	0.92			Claystone	as above		
						253' / 77.11			
	77.13	78.54	1.41						
						258' / 78.64			
	78.54	80.11	1.57						

HOLE No: SD 7706 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						263' / 30.16			
	80.11	80.26	0.15						
							TOP OF BOX 17	4.39	
	80.26	81.72	1.46						
						268' / 31.69			
	81.72	83.15	1.43						
						273' / 33.21			
	83.15	84.63	1.48						
							TOP OF BOX 18	3.97	
						278' / 34.73			
	84.63	86.00	1.37						
	86.00	87.78	1.78						
						286' / 37.17			
	87.78	87.83	0.05						
30 ⁰	87.83	88.90	1.07				Conglomerate: Pebbled, Dark grey-green pebbles of green, black, white and grey chert interbedded with phases of dark grey claystone.		
	88.90	89.11	0.21				Conglomerate: Granuled massive grains of chert as above in a fine sandstone, matrix of same material		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						291'/88.70			
							TOP OF BOX 19	4.34	
	89.11	90.58	1.47						
						296'/90.22			
	90.58	92.11	1.53						
						301'/91.74			
	92.11	93.46	1.35						
							TOP OF BOX 20	4.32	
	93.46	94.88	1.42						
	94.88	95.28	0.40						
						311/94.79			
	95.28	96.80	1.52						
						316'/96.32			
	96.80	97.58	0.78						
						319'/97.23			
							TOP OF BOX 21	4.36	
	97.58	98.06	0.48						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 9

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	98.06	99.59	1.53				Conglomerate: Pebble as above		
		327							
	99.59	100.50	0.91				Sandstone med. grained dark grey phases of dark grey siltstone and claystone throughout, numerous large irregular coaly inclusions throughout		
						328'/99.97			
	100.50	101.93	1.43						
							TOP OF BOX 22	4.12	
	101.93	102.03	0.10						
						333'/101.50			
	102.03	103.40	1.37				Siltstone dark grey grading to claystone in centre core, broken in lower half		
						338'/103.02			
	103.40	104.84	1.44						
						343'/104.55			
	104.84	104.97	0.13						
	104.97	106.07	1.10				Sandstone fine grained, grey, with irregular inclusions of grey claystone and irregular coaly inclusions		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 10

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 23</u>	4.27	
	106.07	106.46	0.39			348' / 106.07			
	106.46	107.95	1.49			353' / 107.59			
	107.95	108.18	0.23						
		355							
	108.18	109.43	1.25			Claystone	dark grey, occasional irregular coaly inclusions		
						358' / 109.12			
	109.43	110.37	0.94						
							<u>TOP OF BOX 24</u>	4.33	
	110.37	110.64	0.27			Sandstone	fine grained, grey, irregular inclusions of claystone, pebble conglomerate bands towards base		
						363' / 110.64			
	110.64	112.22	1.58			368' / 112.17			
	112.22	112.24	0.02						
	112.24	112.75	0.51			Conglomerate	grey, pebble large irregular grains of siltstone, bedding irregular and abundance of sandstone, matrix as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 11

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	112.75	113.58	0.83				Sandstone medium grained, light grey lithic occasional coaly wisps		
						373' /	113.69		
	113.58	114.41	0.83						
							<u>TOP OF BOX 25</u>	4.19	
	114.41	115.13	0.72			378' /	115.21		
	115.13	116.61	1.48			383' /	116.74		
31°	116.61	118.21	1.51			388' /	118.26		
	118.12	118.26	0.14						
	118.26	118.65	0.39				Siltstone grey, brown, sandy, massive.		
							<u>TOP OF BOX 26</u>	4.22	
	118.65	119.85	1.20			393' /	119.79		
	119.85	121.23	1.38			398' /	121.31		
	121.23	121.91	0.68						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 12
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	121.91 <i>400</i>	122.61	0.70				Conglomerate: pebble, densely packed pebbles of black, white, green and grey chert, extremely impervious carbonate cement		
						403' /	122.83		
	122.61	123.04	0.43						
							<u>TOP OF BOX 27</u>		
	123.04	123.50	0.46						
						406' /	123.75		
	123.50	124.20 <i>407</i>	0.70						
	124.30	124.52	0.32				Siltstone dark grey with inclusions of coaly fragments throughout and few fine grained, grey sandstone interbeds		
						409' /	124.66		
	124.52	125.89	1.37						
						413' /	125.88		
	125.89	127.21	1.32						
							<u>TOP OF BOX 28</u>	4.30	
	127.21	127.37	0.16						
						418' /	127.41		
	127.37	128.87	1.50						
						423' /	128.93		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 13

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M. : _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT. : _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	128.87	130.39	1.52						
						428' / 130.45			
	130.39	131.59	1.20						
							TOP OF BOX 29	4.32	
	131.59	132.00	0.41						
						433' / 131.98			
	132.00	133.44	1.44						
						438' / 133.50			
	133.44	134.95	1.55						
						443' / 135.03			
	134.95	135.90	0.95						
							TOP OF BOX 30	4.18	
38 ⁰	135.90	136.50	0.60						
						448' / 136.55			
	136.50	137.98	1.48						
						453' / 138.07			
	137.98	139.38	1.40						
						458' / 139.60			
	139.38	140.09	0.71						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 14

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 31</u>	4.32	
	140.09	140.94	0.85			463' / 141.12			
	140.94	142.49	1.55			468' / 142.65			
	142.49	144.05	1.56			473' / 144.17			
	144.05	144.45	0.38				<u>TOP OF BOX 32</u>	3.68	
	144.43	145.53	1.10			478' / 145.69			
	145.53	146.85	1.32			483' / 147.22			
	146.85	146.88	0.03						
	146.88	148.04	1.16			487' / 148.44	Claystone carbonaceous, bright coal bands and inclusions		
	148.04	148.15	0.11			488' / 148.74			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 15

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 33	4.01	
	148.15	149.58	1.43			493' /	150.27		
	149.58	150.00	0.42						
	150.00	151.05	1.05			Claystone	light grey, black coaly inclusions and plant fragments throughout, possibly kaolinitic or calcareous, massive		
						498' /	151.79		
	151.05	152.16	1.11				TOP OF BOX 34	4.06	
	152.16	152.61	0.45			Sandstone	fine grained, massive, grey brown		
	149	5				503' /	153.31		
	152.61	154.20	1.59			508' /	154.84		
	154.20	155.02	0.82						
36 ⁰	155.02	155.56	0.54			Sandstone	coarse grained, grades to fine at top, light grey, coaly wisps throughout, but prominent at top, large irregular coaly inclusions in lower m. and pebbles 0.5 m. from top		

DENISON COAL LIMITED,

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 16
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	155.56	156.21	0.65		513'	156.36			
							<u>TOP OF BOX 35</u>	4.28	
	156.21	157.17	0.96		518'	157.89			
	157.17	158.65	1.48						
					523'	159.41			
	158.65	160.19	1.54						
					528'	160.93			
	160.19	160.50	0.31				<u>TOP OF BOX 36</u>	3.95	
	160.50	161.34	0.84						
	161.34	161.72	0.38			Claystone	carbonaceous, numerous plant fragments throughout, coaly inclusions throughout		
					533'	162.46			
	161.72	162.87	1.15						
	162.87	162.96	0.09			Coal	dull lusterous and bright		
	162.96	163.04	0.08			Claystone	carbonaceous, black, numerous thin coaly bands throughout, sub-fossile at centre and base		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 17

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						538' / 63.98			
	163.04	163.53	0.49						
	163.53	163.65	0.12			Coal	dull, lusterous		
	163.65	164.37	0.72			Sandstone	dark grey, fine grained, massive		
							TOP OF BOX 37	4.30	
						543' / 65.51			
	164.37	164.89	0.52						
	164.89	165.80	0.91			Claystone:	carbonaceous, black, numerous thin coaly bands throughout, sub-fossile at centre and base		
						548' / 67.03			
	165.80	167.16	1.36						
						553' / 68.55			
	167.16	168.72	1.56						
35°	168.72	169.06	0.34			Sandstone	fine grained, light grey, coaly wisps		
							TOP OF BOX 38	4.47	
						558' / 70.08			
	169.06	169.12	0.06						
	169.12	170.10	0.98			Claystone	carbonaceous, black		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 18
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	170.10	170.55	0.45				Conglomerate granule grading to pebble in lower half and very coarse grained sandstone in top metre, pebbles green, grey, black and white chert and quartzite, porous towards base, matrix 10% calcareous cement.		
						563'	171.60		
	170.55	172.07	1.52						
						568'	173.13		
	172.07	173.51	1.44						
							<u>TOP OF BOX 39</u>		4.27
	173.51	173.63	0.12						
						573'	174.65		
	173.63	175.18	1.55						
						578'	176.17		
	175.18	175.79	0.61						
	175.79	176.64	0.85				Sandstone medium grained, light grey, lithic, coaly wisps throughout and occasional granule conglomerate bands		
						583'	177.70		
	176.64	177.79	1.15						
							<u>TOP OF BOX 40</u>		4.33
	177.79	178.19	0.40						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 19

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	178.19	179.35	1.16				Conglomerate	pebble grains of grey, white and green chert, well rounded, matrix 30% impervious and dense, sandstone phases		
						592'	180.44			
	179.35	180.01	0.66							
						594'	181.05			
	180.01	180.54	0.53							
	180.54	181.60	1.06				Sandstone	medium grained, light grey, lithic coaly wisps, conglomerate bands in the centre		
						599'	182.58			
	181.60	182.09	0.49							
	595							TOP OF BOX 41	4.20	
	182.09	182.71	0.62							
						603'	183.79			
	182.71	183.43	0.72				Claystone	carbonaceous, black, fragments and bright coal bands		
	183.43	184.21	0.78				Conglomerate	grey, granule, porous matrix less 10% pebbles of green, grey and black chert, carbonate cement, very well sorted carbonaceous in top half m.		
						608'	185.32			
	184.21	185.72	1.51							

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 20

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						613' / 186.84			
	185.72	186.33	0.61						
							<u>TOP OF BOX 42</u>	4.17	
	186.33	187.14	0.81			618' / 188.37			
	187.14	188.57	1.43						
						623' / 189.89			
	188.57	190.15	1.58			628' / 191.41			
	190.15	190.49	0.34						
							<u>TOP OF BOX 43</u>	4.28	
	190.49	191.71	1.21			Conglomerate as above pebble			
						633' / 192.94			
	191.71	193.12	1.42			638' / 194.46			
	193.12	194.76	1.64						
							<u>TOP OF BOX 44</u>	4.31	
						643' / 195.99			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 21

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	194.76	196.24	1.48						
						648' / 197.51			
	196.24	197.82	1.58						
						653' / 199.03			
	197.82	199.07	1.25						
							TOP OF BOX 45	4.25	
	199.07	199.45	0.38						
						658' / 200.56			
	199.45	201.06	1.61						
						663' / 202.08			
	201.06	202.56	1.50						
						668' / 203.61			
	202.56	202.92	0.36						
						669' / 203.91			
	202.92	203.36	0.44						
							TOP OF BOX 46	4.31	
	203.36	204.09	0.73						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 22

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To*	Thick.	True				m.Rec.	%
						673'/205.13			
	204.09	205.35	1.26						
	37°								
	205.35	205.64	0.29			Sandstone	fine grained, thin pebble bands spaced 0.5 m. minor coaly wisps light grey		
	673								
						678'/206.65			
	205.64	207.17	1.53						
						683'/208.18			
	207.17	207.66	0.49						
							<u>TOP OF BOX 47</u>	4.41	
	207.66	208.74	1.08			688'/209.70			
	208.74	210.17	1.43						
						693'/211.23			
	210.17	211.77	1.60						
						698'/212.75			
	211.77	212.09	0.32						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 23

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 48	4.41	
	212.09	213.27	1.18						
						703'/214.27			
	213.27	214.83	1.56			708'/215.80			
	214.83	215.93	1.10						
	215.93	216.25	0.32				Conglomerate pebble as above		
						713'/217.32			
	216.25	216.49	0.24						
							TOP OF BOX 49	4.31	
	216.49	216.67	0.18						
	216.67	217.72	1.05				Claystone dark grey occasional shell fossils		
						718'/218.85			
	217.72	219.23	1.51						
						723'/220.37			
	219.23	220.72	1.49						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 24

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 50</u>	4.18	
	220.72	220.82	0.10						
						728' /	221.89		
	220.82	222.33	1.51						
						733' /	223.42		
	222.33	222.44	0.11			Sandstone	fine grained, light grey, lithic		
	222.44	222.61	0.17			Coal	D.L. Luster and bright		
		⁷³⁰							
	222.61	223.90	1.29			Sandstone	fine grained, light grey, lithic, occasional, claystone interbeds and coaly inclusions towards top		
		⁷³⁴							
						738' /	224.94		
	223.90	224.87	0.97						
							<u>TOP OF BOX 51</u>	3.99	
	224.81	225.31	0.44						
						743' /	226.47		
37°	225.31	225.89	0.67			Siltstone,	grey, thin, fine grained sandstone interbeds, some coaly inclusions.		
	225.89	226.77	0.79			Claystone	black, abundant, shell fossils, calcite along bedding fractures at base		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 25

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						748' / 227.99			
	226.77	227.67	0.90						
	227.67	228.26 751	0.59			Sandstone	fine grained, light grey, phases and interbeds of carbonaceous claystone, bedding disturbed by worm burrows, light coloured tubes 2 mm in diameter		
						753' / 229.51			
	228.26	228.77	0.51						
							TOP OF BOX 52		4.07
	228.77	229.03	0.26						
	229.03	229.80	0.77			Claystone	black, carbonaceous in places abundant, shell fossils, some phases of calcareous sandstone BASE OF HULCROSS MEM.		
						758' / 231.04			
	229.80	231.23	1.43						
						763' / 232.56			
	231.23	232.83	1.60						
						768' / 234.09			
							TOP OF BOX 53		4.08
28°	232.83	233.63	0.80	0.59					
	233.63	233.89 767	0.26	0.19		Coal	dull lusterous		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 26

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	233.89	233.93	0.04	0.03			Coal	dull lusterous bright		
	233.93	234.02	0.09	0.07			Coal	bright		
	234.02	234.09	0.07	0.05			Coal	bright banded		
	234.09	234.19	0.10	0.07			Claystone	broken carbonaceous		
	234.19	234.29	0.10	0.07			Coal	dull lusterous and bright		
						773' / 235.61				
	234.29	234.39	0.10	0.07			Coal	dull lusterous bright		
	234.39	234.46	0.07	0.05			Coal	dull lusterous banded		
	234.46	234.50	0.04	0.03			Coal	dull lusterous bright		
	234.50	234.58	0.08	0.06			Coal	bright banded		
	234.58	234.68	0.10	0.07			Coal	dull lusterous bright		
	234.68	234.80	0.12	0.09			Coal	bright banded		
	234.80	234.86	0.06	0.05			Coal	dull lusterous, core broken		
	234.86	234.96	0.10	0.07			Coal	dull lusterous		
	234.96	235.03	0.07	0.05			Claystone	carbonaceous with many bright coal bands		
	235.03	235.09	0.06	0.05			Coal	bright		
		771								

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD.7706 SHEET No: 27

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	235.09	235.94	0.85	0.63			Claystone carbonaceous as above		
						778' / 237.13			
	235.94	236.00	0.06	0.05			Coal dull luster and bright, broken		
	236.00	236.04	0.04	0.03			Claystone carbonaceous		
	236.04	237.23	1.19	0.88			Core loss rock		
	237.23	237.30	0.07	0.05			Coal dull luster, and bright, sheared		
	237.30	237.96	0.66	0.49			Claystone carbonaceous		
	237.96	238.12	0.16	0.12			Coal stoney		
		7&1							
							TOP OF BOX 54	4.12	
	238.12	238.23	0.11	0.08					
	238.23	238.39	0.16	0.12			Claystone carbonaceous, black, coaly inclusions		
						785' / 238.66			
	238.39	238.69	0.30	0.22					
	238.69	239.80	1.11				Siltstone dark grey, coaly inclusion		
	239.80	239.94	0.14				Claystone carbonaceous, numerous bright coal bands throughout		
						788' / 240.18			
	239.94	241.39	1.45						
	241.39	242.24	0.85						
						793' / 241.71			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 28

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 55	4.15	
	242.24	242.36	0.12				Siltstone dark grey, tectonical disturbed, numerous calcite veins along regular fractures		
	242.36	242.67	0.31				Claystone carbonaceous, black, numerous bright coal bands		
						798' / 243.23			
	242.67	244.13	1.46						
						803' / 244.75			
	244.13	244.29	0.16				Coal dull, lusterous, bright		
		801							
	244.29	244.36	0.07				Coal bright banded'		
	244.36	244.42	0.06				Coal stoney		
	244.42	244.51	0.09				Claystone carbonaceous		
	244.51	245.63	0.12				Coal dull, lusterous, bright		
		806							
	245.63	245.21	0.58				Claystone carbonaceous, bright coal bands		
	245.21	245.39	0.18				Sandstone fine grained, many dark grey claystone and coal interbeds throughout		
						808' / 246.28			
	245.39	246.30	0.91						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 29

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 56	4.18	
	246.30	246.88	0.58				Claystone carbonaceous, bright coal bands at base		
						813' /	247.80		
48 ⁰	246.88	246.91	0.03				Sandstone as above		
	246.91	248.22	1.31						
						818' /	249.33		
	248.22	249.75	1.53						
						823' /	250.85		
	249.75	250.50	0.75						
							TOP OF BOX 57	4.29	
	250.50	251.35	0.85						
						828' /	252.37		
	251.35	252.84	1.49						
						833' /	253.90		
	252.84	254.42	1.58						
						838' /	255.42		
	254.42	254.63	0.21						
	254.63	254.79	0.16				Siltstone dark grey, few light grey, sandstone interbeds		
							TOP OF BOX 58	3.84	
	254.79	255.65	0.86						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 30

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	255.65	255.76	0.11				Claystone carbonaceous, black, bright coal bands		
						843' /	256.95		
	255.76	255.96	0.20						
	255.96	256.08	0.12				Coal dull, lusterous, banded		
	256.08	256.19	0.11				Coal dull, lusterous, bright		
	256.19	256.27	0.08				Coal & Claystone interbedded		
	256.27	256.32	0.05				Claystone carbonaceous, black		
	256.32	256.41	0.09				Coal dull, lusterous, bright, core broken		
	256.41	256.48	0.07				Coal bright banded		
	256.48	256.49	0.01				Claystone carbonaceous, black		
	256.49	256.54	0.05				Coal dull, lusterous, bright and broken		
	256.54	257.03	0.49				Claystone carbonaceous, black, many bright coal bands		
						848' /	258.47		
	257.03	257.68	0.65						
36°	257.68	258.54	0.86				Siltstone dark grey, carbonaceous with numerous bright coal bands and occasional thin, fine grained sandstone interbeds.		
						853' /	259.99		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 31

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 59</u>	4.09	
	258.54	258.67	0.13						
	258.67	259.91	1.24				Claystone carbonaceous, numerous bright coal penny bands		
		852							
	259.91	259.95	0.04				Coal dull, lusterous, bright pulverized		
					858'	261.52			
	259.95	260.20	0.25				Coal & Claystone interbedded, black carbonaceous claystone or stoney coal with many bright coal penny bands		
	260.20	261.30	1.10				Claystone carbonaceous many bright coal penny bands		
					863'	263.04			
	261.30	261.39	0.09				Coal dull, lusterous, bright.		
							Claystone carbonaceous, black, with bright coal bands		
	261.39	261.77	0.38				Sandstone medium grained light grey many coaly inclusions throughout		
	261.77	262.00	0.23				Coal bright, core pulverized		
	262.00	262.09	0.09				Coal bright		
							<u>TOP OF BOX 60</u>	4.19	
					868'	264.57			
	262.09	262.12	0.03				Coal bright		
	262.12	262.51	0.39				Claystone carbonaceous, black, large, bright coal bands at top		
	262.51	262.61	0.10				Claystone as above, core sheared and badly broken		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 32

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	262.61	262.66	0.05				Coal stoney		
		862							
	262.66	262.86	0.20				Claystone carbonaceous, bright coal bands		
	262.86	263.61	0.75				Siltstone grey, interbeds of dark grey claystone throughout forming graded units		
						873' / 266.09			
	263.61	264.48	0.87						
20°	264.48	265.16	0.68				Sandstone medium grained, light grey, lithic, interbeds of dark grey claystone, at top coaly wisps		
						878' / 267.61			
	265.16	266.24	1.08						
							TOP OF BOX 61		4.29
	266.24	266.45	0.21						
40°	266.45	266.61	0.16				Claystone dark grey, black carbonaceous, bright coal penny bands throughout, some grey siltstone interbeds.		
						883' / 269.14			
	266.61	268.09	1.48						
	268.09	269.53	1.44						
						888' / 270.66			
	269.53	269.67	0.14						
						893' / 272.19			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 33

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	269.67	270.48	0.81				Sandstone medium grained, light grey, lithic carbonaceous at top coaly wisps throughout, sediment breccia with grey siltstone near base		
		887							
	270.48	271.06	0.58				TOP OF BOX 62	4.19	
						898'/273.71			
	271.06	271.64	0.58						
	271.64	272.32	0.68				Siltstone grey, grading to carbonaceous claystone at base flecks of coaly plant fragments throughout		
	272.32	272.59	0.27				Claystone carbonaceous bright coal bands		
						903'/275/23			
	272.59	272.69	0.10						
	272.69	272.74	0.05				Coal D.L. lusterous and bright		
	272.74	272.88	0.14				Claystone carbonaceous coal bands at top plant fragments		
	272.88	272.93	0.05				Coal D.L. Lusterous bright		
	272.93	273.36	0.43				Claystone carbonaceous as above		
	273.36	273.64	0.28				Coal & Claystone interbedded dark grey, carb. claystone with abundant bright coal bands		
	273.64	273.80	0.16				Claystone carbonaceous as above		
		898				908'/276.76			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 34

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	273.80	274.23	0.43						
	274.23	274.60	0.37			Siltstone	grey, many plant fragments		
							TOP OF BOX 63	4.27	
	274.60	275.26	0.66			913' / 278.28			
40°	275.26	276.44	1.18						
	276.44	276.67	0.23			Sandstone	fine grained fragment interbeds of grey claystone bedding disturbed by worm burrows in places, small graded units.		
						918' / 279.81			
	276.67	277.97	1.30						
	277.97	278.27	0.30			Sandstone	medium grained light grey, coaly wisps throughout and occasional large irregular coaly inclusions		
						923' / 281.33			
	287.27	278.93	0.66						
							TOP OF BOX 64	4.33	
	278.93	279.86	0.93			928' / 282.85			
	279.86	281.46	1.60						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 35

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	281.46	281.68	0.22				Claystone carbonaceous with interbeds of light grey sandstone some coaly bands and calcite filled fractures along bedding		
	281.68	282.99	1.31				Siltstone grey, interbeds of grey claystone throughout and a few light grey, sandstone phases forming graded units.		
						933' / 284.37			
	282.99	284.57	1.58						
						938' / 285.90			
	284.57	284.89	0.32						
							TOP OF BOX 65	4.42	
	284.89	285.37	0.48						
	285.37	285.83	0.46				Claystone carbonaceous, few bright coal penny bands, fine interbeds of grey siltstone at base, grades to upper contact, base contact irregular		
42°	285.83	285.92	0.09				Siltstone grey, with fragment interbeds of light grey, sandstone and light grey claystone		
						943' / 287.43			
	285.96	287.47	1.55						
						948' / 288.95			
	287.47	289.11	1.64						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 36

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	289.11	289.32	0.21						
						953' / 290.47			
							TOP OF BOX 66	4.32	
	289.32	289.43	0.11						
	289.43	289.73	0.30				Claystone carbonaceous, black, occasional bright coal bands		
	289.73	289.86	0.13				Claystone as above with many bright coal bands		
	289.86	289.91	0.05				Coal dull, lusterous, bright		
	289.91	290.18	0.27				Claystone carbonaceous phases of sub-fissile and broken core towards		
	290.18	291.18	1.00				Core loss-Coal base sandstone		
	291.18	291.24	0.06				Coal dull and bright		
	291.24	291.36	0.12				Claystone as above		
						958.2	292.00		
	291.36	291.97	0.61				Claystone as above, listric surfaces		
	291.97	292.09	0.12				Coal D.L. Banded, core pulverized		
	292.09	292.74	0.65				Siltstone dark grey with irregular coaly fragments, some phases of fine grained light grey s dstone		
							963' / 293.52		
	292.74	294.32	1.58						
							968' / 295.05		
	294.32	294.61	0.29						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD.7706 SHEET No: 37

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 67</u>		
	294.61	295.83	1.22					4.30	
						977' / 297.79			
	295.83	296.39	0.56						
	296.39	297.13	0.74			Claystone	dark grey, occasional grey, siltstone interbeds, grades to contact at base, irregular top contact		
32°	297.13	297.41	0.28			Sandstone	fine grained with numerous irregular grey siltstone interbeds.		
						978' / 298.09			
	297.41	298.43	1.02						
	298.43	298.91	0.48			Sandstone	medium grained, light grey, lithic cross-bedded irregular claystone inclusions, calcite on bedding plane fractures		
						983' / 299.62			
							<u>TOP OF BOX 68</u>	4.35	
	298.91	299.91	1.00						
	299.91	300.28	0.37			Claystone	dark grey, some interbeds of grey, siltstone on top half meter		
						988' / 301.14			
	300.28	301.28	1.00			Core loss	rock		
	301.28	302.69	1.41			Claystone	as above		
						995' / 302.67			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 38

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	302.69	303.24	0.55						
	303.24	303.82	0.58			Sandstone	medium grained, light grey, lithic, coaly wisps		
	303.82	304.15	0.33			Siltstone	grey with fragment interbeds of grey claystone and grey sandstone phases		
							TOP OF BOX 69	4.31	
	304.15	304.27	0.12			998' / 304.19			
	304.27	305.71	1.44			1003' / 305.71			
	305.71	307.26	1.55			1008' / 307.24			
43°	307.26	308.01	0.75						
	308.01	308.49	0.48			Claystone	grey with interbeds and phases of dark grey claystone contact at top		
							TOP OF BOX 70	4.30	
	308.49	308.73	0.24			1013' / 308.76			
	308.73	309.20	0.47						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7706 SHEET No: 39

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	309.20	310.25	1.05				Siltstone	grey, with interbeds and phases of dark grey claystone, gradational contact at top, irregular at base		
						1018'	310.29			
	310.25	310.32	0.07							
40°	310.32	311.13	0.81				Sandstone	medium grained, light grey, lithic, ooaly wisps throughout, cross bedded		
	311.13	311.74	0.61				Sandstone	fine grained light grey, lithic with numerous interbeds of light grey claystone forming graded units		
						1023'	311.81			
	311.74	312.73	0.99							
		<i>1976</i>								
	312.73	312.80	0.07				Claystone	carbonaceous		
								<u>TOP OF BOX 71</u>	4.26	
	312.80	313.29	0.49							
						1028'	313.33			
	313.29	313.40	0.11							
	313.40	314.73	1.33				Siltstone	Sandy, grades from upper units, grey, massive		
						1033'	314.86			
	314.73	315.41	0.68							

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 40

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
31°	315.31	316.28	0.87				Sandstone grey, medium grained numerous interbeds of grey siltstone and claystone, minor cross bedding, bedding irregular at claystone contact		
					1038'	316.38			
	316.28	317.04	0.76						
							TOP OF BOX 72	4.27	
	317.04	317.12	0.08						
	317.12	317.56	0.44				Siltstone dark grey massive		
	317.56	317.89	0.24				Sandstone dark grey, fine grained, lithic		
						1043'	317.91		
	317.80	318.36	0.56						
38°	318.36	319.41	1.05				Sandstone medium grained, light grey, lithic, occasional dark grey claystone interbeds and coaly inclusions throughout		
						1048'		319.43	
	319.41	320.80	1.39						
	320.80	321.21	0.41						
						1053'	320.95		
							TOP OF BOX 73	4.21	
	321.21	322.02	0.81						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD. 7706. SHEET No: 41

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
38 ⁰	322.02	322.25	0.23				Siltstone	dark grey, black, a few phases of fine grained, light grey sandstone, carbonaceous, coaly bands throughout.		
						1058'	322.48			
	322.25	323.76	1.51							
						1063'	324.00			
	323.76	323.89	0.13							
	323.89	324.76	0.87				Sandstone	medium grained, light grey, coaly wisps throughout, irregular contact at base		
	324.76	325.34	0.58				siltstone	as above		
								TOP OF BOX 74	4.44	
						1068'	325.53			
	325.34	326.81	1.47							
						1073'	327.05			
	326.81	327.00	0.19							
	327.00	328.30	1.30				Sandstone	fine grained few grey claystone interbeds, coal penny bands phases of carbonaceous, dark grey, silty claystone		
						1078'	328.57			
	328.30	328.89	0.59							

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 42

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
43 ⁰	328.89	329.14	0.25				Sandstone	fine grained, light grey, lithic, grades to units above and below		
	329.14	329.80	0.66				Claystone	dark grey, carbonaceous, occasional bright coal penny bands		
							TOP OF BOX 75		4.13	
	329.80	329.94	0.14			1083'	330.10			
	329.94	331.28	1.34				Siltstone	grey with many interbeds of dark grey claystone and fine grained, light sandstone forming graded units, bedding wavy, grades on carbon claystone at base		
	331.28	331.38	0.10				Claystone	carbonaceous, bright coal penny bands increase at base, slickensides at base, many plant fragments		
						1088'	331.62			
	331.38	332.00	0.62				Siltstone	grey, sandy, some calcite along bedding plane fractures		
						1093'	333.15			
	332.00	332.07	0.07							
35 ⁰	332.07	332.87	0.80				Claystone	carbonaceous as above		
							Sandstone	fine grained, many grey claystone interbeds, calcite filled fractures near top CA=38 ⁰ and approximately perpendicular to bedding		
							TOP OF BOX 76		4.18	
	332.87	332.95	0.08							
	332.95	333.26	0.31				Siltstone	grey with occasional interbeds of light grey, fine grained sandstone and fragment interbeds of dark grey claystone forming graded units, many calcite filled fractures 0.1 m. apart.		
						1098'	334.67			
	333.26	334.79	1.53							

HOLE No: SD 7706 SHEET No: 43
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						1103'/336.19			
	334.79	336.11	1.32						
42°	336.11	336.18	0.07			Sandstone	fine grained, grey interbeds of dark grey claystone throughout, some cross bedding		
						1108'/337.72			
	336.18	337.06	0.88						
	337.06	337.16	0.10				TOP OF BOX 77	4.08	
	337.16	337.80	0.64			Claystone	dark grey with minor interbeds of grey siltstone throughout, coaly bands on top and base		
						1113'/339.24			
	337.80	338.38	0.58						
	338.38	338.94	0.56			Sandstone	medium grained, light grey interbeds and phases of grey claystone		
42°	338.94	339.32	0.38			Claystone	dark grey, few interbeds of grey siltstone, coaly bands towards top, slickensides along bedding plane fractures along first 0.5 m.		
62° 38°						1118'/340.77			
	339.32	340.82	1.50						
						1123'/342.29			
70°	340.82	341.18	0.36						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: _____

44

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 78</u>	4.23	
	341.18	341.23	0.05						
	341.23	342.30	1.07			Siltstone	grey interbeds of grey claystone throughout		
	342.30	342.39	0.09			Sandstone	fine grained, grey, phases and interbeds of grey siltstone and grey claystone, few calcite filled fractures near base		
						1128'	343.81		
	342.39	343.38	0.99						
	343.38	343.88	0.50			Claystone	dark grey interbeds of grey siltstone, carbonaceous towards base		
						1133'	345.34		
	343.88	345.30	1.42						
						1138'	346.86		
	345.30	345.44	0.14			Claystone	carbonaceous, black, slickensides on irregular surfaces, bright coal bands, listric surfaces, plant fragments		
							<u>TOP OF BOX 79</u>	4.08	
	345.44	346.62	1.18						
						1143'	348.39		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7706 SHEET No: 45

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
28 ⁰	346.62	346.85	0.23						
	346.85	347.66	0.81			Claystone	as above, core broken		
	347.66	348.66	1.00			Core loss	coal		
					1148'	349.91			
	348.66	348.78	0.12			Claystone	as above		
	348.78	349.42	0.64			Sandstone	fine grained, dark grey, carbonaceous at top, phase of grey, siltstone		
	349.42	350.08	0.66			Claystone	carbonaceous as above		
					1153'	351.43			
	350.08	350.56	0.48				TOP OF BOX 80	4.22	
	350.56	351.23	0.67						
					1158'	352.96			
	351.23	351.94	0.71						
	351.94	352.94	1.00			Core loss	coal		
	352.94	353.11	0.17						
	353.11	353.62	0.51			Siltstone	grey with phases and interbeds of dark grey claystone throughout		
					1163'	354.48			
	353.62	354.10	0.48						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7706 SHEET No: 46

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	354.10	355.14	1.04				Sandstone medium grained, light grey, many interbeds of grey claystone prominent towards top, coaly wisps and inclusions towards base, cross bedded		
						1168'	356.01		
	355.14	355.56	0.42						
	355.56	355.84	0.28				Claystone carbonaceous, black, bright coal bands, plant fragments		
							<u>TOP OF BOX 81</u>		4.23
	355.84	356.51	0.67						
						1173'	357.53		
	356.51	357.07	0.56				Siltstone dark grey, massive, grades to unit above regular contact at base		
30°	357.07 170	357.83	0.76				Sandstone fine grained, interbeds and phases of grey siltstone, large phase of grey siltstone at base		
	357.83	358.09	0.26						
						1178'	359.05	Sandstone medium grained, light grey, lithic interbeds of grey claystone towards base	
	358.09	358.21	0.12						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 47

DATE-BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	358.27	359.56	1.35				Siltstone	grey with fragment phases of grey, fine grained sandstone, phases and interbeds of grey claystone throughout, coaly inclusions towards base		
						1183'	360.58			
	359.56	360.05	0.49					TOP OF BOX 82	4.08	
	360.05	361.11	1.06				Sandstone	medium grey, fine grained fragment phases of siltstone and claystone grades into upper contact, claystone bands at top, polished bedding planes with calcite veining and occasional veining throughout small cross bedding		
						1188'	362.10			
	361.11	362.65	1.54				Sandstone	as above-medium grained, lithic sandstone layer at centre		
						1193'	363.63			
	362.65	363.04	0.39				Siltstone	dark grey, sandy at top grades to claystone at base		
	363.04	364.11	1.07				Claystone	dark carbonaceous plant fragments, occasional siltstone and sandstone phases in lower area thin bright coal bands		
						1198'	365.15			
								TOP OF BOX 83	4.21	
	364.11	364.23	0.12							

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: _____ SHEET No: _____

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
31 ⁰	364.23	365.08	0.85				Siltstone	dark grey, sandy with many sandstone phases, occasional calcite veins		
	365.08	366.52	1.44				Silty claystone	dark grey, carbonaceous at base, calcite veins occasionally		
						1203'	366.67			
	366.52	367.85	1.33				Claystone	carbonaceous, black, plant fragments, silty phases, occasional polished fractures surfaces, core broken at centre		
						1208'	368.20			
	367.85	369.40	1.55				Sandstone	light grey, fine medium grained, thin siltstone and claystone intercalations, carbonaceous laminae at top, many bedding in top 1/2, possible slumping at top, calcite veins at base		
								<u>TOP OF BOX 84</u>		4.45
						1213'	369.72			
	369.40	370.93	1.53							
						1218'	371.25			
	370.93	371.74	0.81				Sandstone	as above, argillaceous at base and slumped		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 49

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	371.74	372.56	0.82				Siltstone	clay rich at top, sandy towards base, few thin coal bands in top 1/2, thin calcite veins wisps, also CA=3° approximately penpendicular bedding surface irregular and rough.		
						1223'	372.77			
32°	372.56	373.83	1.27				Sandstone	medium grey, fine-medium grained silty at top, grades to upper contact claystone and siltstone, interbeds wavy, regular bedding, some bioturbation, few coal laminae in bottom 1/2 grades to claystone at base		
							TOP OF BOX 85		4.35	
	373.83	374.09	0.26							
						1228'	374.29			
	374.09	374.56	0.47				Silty claystone	dark grey, plant fragments		
	374.56	375.59	1.03				Claystone	black carbonaceous, plant fragments, coaly bands at top less throughout to bottom polished fracture surfaces with secondary calcite, core broken at top, sandy bands at base.		
						1233'	375.82			
	375.59	376.12	0.53							
	376.12	377.12	1.00				Siltstone	medium grey, sandy irregular coal laminae		
						1238'	377.34			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 50

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	377.12	377.91	0.79						
32°	377.91	378.19	0.26			Sandstone fine grained, silty, carbonaceous at base coaly wisps in lower half			
							<u>TOP OF BOX 86</u>	4.39	
	378.19	378.64	0.47						
						1243' / 378.87			
	378.64	380.22	1.58						
						1248' / 380.39			
	380.22	381.44	1.22						
	381.44	381.68	0.24			Siltstone dark grey with interbeds of fine grained, dark grey sandstone			
						1253' / 381.91			
	381.68	382.24	0.56						
	382.24	382.58	0.34			Sandstone fine grained, light grey with many phases of dark grey claystone throughout, bedding inverted by slump structure over lower 1/2 m., few coaly wisps inclusions.			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 51

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 87	4.31	
	382.58	383.32	0.74						
						1258'	/383.44		
	383.32	384.11	0.79						
	384.11	384.83	0.72				Siltstone dark grey, black, carbonaceous towards base, grades to unit below irregular fine grained sandstone inclusions		
						1263'	/384.96		
	384.83	385.04	0.21						
	385.04	386.45	1.41				Claystone carbonaceous, black, many bright coaly bands throughout listric surfaces on irregular surfaces at base		
	386.45	387.45	1.00				Core loss rock		
						1268'	/386.49		
	387.45	387.92	0.47				Claystone as above		
							TOP OF BOX 88	3.91	
	387.92	388.37	0.45						
						1271'	/387.40		
	388.37	388.57	0.20				Coal bright banded		
						1273.5'	/388.16		
	388.57	388.70	0.13				Claystone carbonaceous as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 52
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						1278'	389.53		
	388.70	388.86	0.16						
	388.86	389.15	0.29			Siltstone	dark grey, carbonaceous, sandy		
	389.15	389.78	0.63			Claystone	carbonaceous as above		
						1283'	391.06		
	389.78	389.80	0.02						
	389.80	389.84	0.04			Coal	dull, lusterous and bright		
	389.84	390.11	0.27			Claystone	carbonaceous, bright coal bands		
36°	390.11	391.23	1.10			Siltstone	dark grey, black, numerous interbeds of dark grey, claystone forming coarse graded units		
						1288'	392.58		
	391.23	391.86	0.63						
								TOP OF BOX 89	4.15
	391.86	392.03	0.17						
	392.03	392.45	0.42			Sandstone	medium grained, dark grey, few dark grey claystone interbeds, bedding wavy, core broken, large irregular calcite fractures and some tectonic disturbance at base.		
	392.45	392.78	0.33			Sandstone	as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 53

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						1293'	394.11		
60°	392.78	393.82	1.04				Sandstone large calcite filled bedding fracture at base		
	393.82	394.56	0.74				Sandstone medium grained, light grey, lithic, cross bedded and coaly wisps throughout massive phases with irregular coaly inclusions, occasional dark grey siltstone interbeds.		
						1298'	395.63		
	394.56	396.03	1.47						
							<u>TOP OF BOX 90</u>	4.14	
	396.03	396.09	0.06						
						1303'	397.15		
	396.09	397.66	1.57						
						1308'	398.67		
	397.66	399.07	1.41						
						1313'	400.20		
	399.07	400.21	1.14						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 54

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 91	4.20	
	400.21	400.78	0.57						
						1318'	401.73		
27°	400.78	401.14	0.36						
	401.14	402.30	1.16			Siltstone	dark grey, sandy interbeds of light grey sandstone at base		
	402.30	402.32	0.02			Claystone	dark grey, few grey siltstone interbeds, grades to carbonaceous claystone at base, many plant fragments, few coaly bands increasing towards base.		
						1328'	403.25		
	402.32	403.14	0.82						
	403.14	403.59	0.45						
	403.59	404.05	0.46			Claystone	carbonaceous, many bright coal bands throughout, slickensides on bedding surfaces bedding irregular		
						1328'	404.77		
	404.05	404.48	0.43	0.36					
	404.48	404.74	0.26	0.22			TOP OF BOX 92	3.75	
						1331'	405.69		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 55

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	404.74	405.82	1.08	0.92					
						1336'	407.21		
	405.82	405.84	0.02	0.02					
	405.84	406.77	0.93	0.79			Core missing coal		
	406.77	406.86	0.09	0.08			Coal dull lusterous banded		
	406.86	406.93	0.07	0.06			Coal dull lusterous		
32°	406.93	406.98	0.05	0.04			Coal dull lusterous banded		
	406.98	407.08	0.10	0.08			Coal dull lusterous banded		
	407.08	407.12	0.04	0.03			Coal dull lusterous bright		
	407.12	407.45	0.33	0.28			Claystone carbonaceous, black, bright coal bands at base		
						1341'	408.74		
	407.45	407.51	0.06	0.05					
	407.51	408.20	0.69	0.59			Sandstone fine grained, light grey, many irregular interbeds of dark grey claystone throughout, bright coal bands at base		
	408.20	408.38	0.18				Claystone carbonaceous as above		
37°	408.38	408.93	0.55				Siltstone dark grey, bedding irregular phases of light grey fine grained sandstone with irregular coaly inclusions		
						1348'	410.87		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 56

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	408.93	409.21	0.28						
							<u>TOP OF BOX 93</u>	3.81	
	409.21	409.68	0.47						
	409.68	410.31	0.63			Claystone	carbonaceous, many bright coal bands as above		
	410.31	410.48	0.17			Siltstone	as above		
						1351'	/411.78		
	410.51	410.62	0.11			1352'	/412.09		
	410.62	410.72	0.10						
	410.72	411.53	0.81			Siltstone	as above, bright coal bands at top, core broken at base		
						1357'	/413.61		
	411.53	411.78	0.25						
	411.78	412.57	0.79			Claystone	carbonaceous as above, listric surfaces near base		
	412.57	412.76	0.19			Claystone	dark grey, calcite on bedding plane fractures throughout		
						1362'	/415.14		
	412.76	413.09	0.33						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 57

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 94</u>	4.07	
	413.09	413.90	0.81				Claystone carbonaceous at base		
	413.90	414.29	0.39				Sandstone fine grained, light grey, irregular coaly inclusions throughout		
						1367'/416.66			
	414.29	414.60	0.31						
38°	414.60	414.89	0.29				Siltstone dark grey, becoming carbonaceous at base, bright coal bands		
	414.89	414.97	0.08				Coal and claystone core badly broken		
	414.97	415.25	0.28				Core loss coal		
	415.25	415.33	0.08				Coal dull, lusterous, bright		
	415.33	415.93	0.60				Claystone carbonaceous, with bright coal bands, grades to siltstone at base		
	415.93	416.14	0.21				Siltstone grey, with fragment interbeds of dark grey, claystone throughout and large irregular coaly inclusions in lower 1/2 grading to carbonaceous claystone at base		
						1372'/418.19			
	416.14	417.46	1.32						
							<u>TOP OF BOX 95</u>	3.93	
	417.46	417.59	0.13						
						1377.2'/419.77			
	417.59	419.17	1.58			1382.4'/421.36			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 58

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
30 ⁰	419.17	419.54	0.37						
	419.54	419.97	0.43			Claystone carbonaceous, bright coal			
	419.97	421.47	1.50			Core missing rock	bands abundant at base, listric		
	421.47	421.97	0.50			Core missing coal	surface on bedding planes		
	421.97	422.02	0.05			Coal	ulverized, dull, lusterous and bright		
	422.02	422.18	0.16			Claystone	as above core broken at base		
	422.18	422.31	0.13			Coal and Claystone	core pulverized		
	422.31	422.41	0.10			Claystone	carbonaceous as above		
						138 ⁵ '/422.91			
	422.41	422.59	0.18						
	422.59	422.63	0.04			Coal	dull, lusterous and bright		
	422.63	423.13	0.50			Claystone	carbonaceous occasional bright coal bands interbeds of grey siltstone at base		
	423.13	423.32	0.19			Coal and claystone	core pulverized, coal D.L. and bright		
	423.32	423.44	0.12			Claystone	carbonaceous as above		
							TOP OF BOX 96	4.09	
	423.44	424.46	0.09						
						1392.5'/424.46			
	423.53	424.41	0.88						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 59

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	424.41	424.75	0.34				Coal	D.L. and bright sheared		
28°	424.75	426.05	1.30				Sandstone	Medium grained, light grey carbonaceous in top 0.33 m. coaly wisps and bright coal penny bands throughout prominent at top calcite filled joints CA-30° approximately perpendicular bedding 0.5 m. from top.		
						1402.6'		427.51		
	426.05	427.52	1.47							
								TOP OF BOX 97	4.10	
	427.52	427.64	0.12							
						1407.8'		429.10		
33°	427.64	428.02	0.38				Siltstone	grey with fragment interbeds of dark grey claystone throughout grading to fine grained sandstone at base		
	428.02	429.19	1.17							
						1412.8'		430.62		
	429.19	429.42	0.23							
	429.42	429.76	0.34				Sandstone	fine grained, light grey, lithic, cross bedded, coaly wisps		
	429.76	430.80	1.04				Siltstone	grey, numerous interbeds of dark grey claystone forming graded units, few fine grained sandstone phases with irregular of base contact, coal penny bands and irregular coal inclusions		
						1418'		432.21		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 60

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	430.80	431.64	0.84							
							<u>TOP OF BOX 98</u>		4.19	
	431.64	432.27	0.63							
						1423'	433.73			
	432.27	433.80	1.53							
						1428'	435.25			
	433.80	434.65	0.85							
	434.65	435.13	0.48			Sandstone	fine grained, light grey interbeds of dark grey claystone prominent cross bedding			
	435.13	435.40	0.27			Siltstone	as above			
	435.40	435.85	0.45							
						1433'	436.78			
								<u>TOP OF BOX 99</u>		4.14
	435.85	436.81	0.96							
35°	436.81	436.88	0.07			Sandstone	light grey, medium grained, coaly wisps, large irregular coaly inclusions in bottom 1. c.m. dark claystone interbeds in lower half meter, occasional calcite filled bedding plane fractures, bedding disturbed by large worm burrows 1/2 m. from base			
						1438'	488.30			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 61
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	436.88	438.40	1.52						
		<i>1103</i>				1443'	439.83		
	438.40	439.42	1.02						
	439.42	440.00	0.58			Claystone	dark grey, few grey siltstone interbeds		
							TOP OF BOX 100	4.25	
	440.00	440.92	0.92						
	440.92	441.05	0.13			Coal	D.L. bright		
		<i>1106</i>				1453'	442.87		
28°	441.05	442.64	1.59			Sandstone	fine grained, with interbeds of grey claystone and siltstone throughout, irregular bedding contacts, phases of disturbed bedding by large worm burrows.		
						1458'	444.40		
	442.64	444.15	1.51				TOP OF BOX 101	4.10	
	444.15	444.21	0.06			1463'	445.92		
	444.21	444.94	0.73						
		<i>1159</i>				1467'	447.14		
	444.94	445.17	0.23			Coal	D.L., Bright		
	445.17	446.17	1.00			Core loss	coal		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 62

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	446.74	446.63	0.46				Sandstone	fine grained, phases of grey siltstone throughout		
	446.63	446.80	0.17				Shale	carbonaceous, sub fissile many bright coal bands		
18°	446.80	447.02	0.22				Sandstone	fine grained, light grey, half interbeds of grey claystone, cross bedded, occasional calcite fractures on bedding planes		
						1472'	448.67			
	447.02	448.58	1.56							
						1477'	450.19			
	448.58	449.17	0.59							
								TOP OF BOX 102	3.97	
	449.17	449.78	0.61							
	449.78	449.86	0.08				Claystone	carbonaceous, many bright coal penny bands		
						1481'	451.41			
	449.86	450.14	0.28							
	450.14	450.37	0.23				Sandstone	as above		
	450.37	451.40	1.03							
						1486'	452.93			
	451.40	451.79	0.39							

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 63

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	451.79	451.87	0.08				Coal and claystone interbeds, core broken		
24°	451.87	452.87	1.00				Core missing coal & Rock		
	452.87	453.64	0.77				Siltstone dark grey, carbonaceous, at top bright coal bands		
						1492' / 454.76			
	453.64	454.15	0.51				Sandstone medium grained, light grey, lithic, coaly wisps, cross bedded, interbeds of grey siltstone		
							<u>TOP OF BOX 103</u>	4.16	
	454.15	454.94	0.79						
	454.94	455.10	0.16				Claystone carbonaceous, bright coal bands		
						1496' / 455.98			
	455.10	455.52	0.42						
	455.52	456.82	1.30				Siltstone grey, with phases of light grey-sandstone, carbonaceous at base		
						1501' / 457.50			
	456.82	457.55	0.73						
30°	457.55	458.24	0.69				Sandstone as above		
	458.24	458.33	0.09				Siltstone grey, with interbeds of grey claystone forming graded units phase of light grey sandstone at top		
						1506' / 459.03			
							<u>TOP OF BOX 104</u>	4.20	
	458.33	459.86	1.53						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 64

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
37 ⁰	459.86	461.42	1.56			1511' / 460.55			
						1516' / 462.08			
	461.42	462.53	1.11						
							TOP OF BOX 105	4.30	
	462.53	462.99	0.46			1521' / 463.60			
	462.99	464.58	1.59						
						1526' / 465.12			
	465.58	466.08	1.50						
						1531' / 466.65			
	466.08	466.41	0.33						
	466.41	466.84	0.43			Sandstone	medium grained, light gr. y. coaly wisps abundant throughout, few interbeds of grey claystone		
							TOP OF BOX 106	4.09	
	466.84	467.64	0.80						
						1536' / 468.17			
	467.64	469.05	1.41						
						1541' / 469.70			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 65

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M. : _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT. : _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	469.05	469.56	0.51						
						1543'	470.31		
	469.56	470.93	1.37						
							TOP OF BOX 107	4.17	
42°	470.93	471.13	0.20			1548'	471.83		
	471.13	472.08	0.95						
						1552'	473.05		
	472.08	473.63	1.55			1557'	474.57		
	473.63	475.09	1.46						
							TOP OF BOX 108	4.13	
						1562'	476.10		
	475.09	476.56	1.47			1567'	477.62		
	476.56	478.16	1.60						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 66

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						1572'	479.15		
38°	478.16	479.20	1.04						
							TOP OF BOX 109	4.19	
	479.20	479.70	0.50						
						1577'	480.67		
	479.70	481.17	1.47						
						1582'	482.19		
	481.17	481.64	0.47						
		1580							
35°	481.64	482.72	1.08				Siltstone grey, many thin sandstone interbeds, bedding irregular		
						1587'	483.72		
	482.72	483.39	0.67						
							TOP OF BOX 110	4.11	
	483.39	484.24	0.85						
						1592'	485.24		
	484.24	485.69	1.45						
						1597'	486.77		
	485.69	486.70	1.01						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 67

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	486.70	487.06	0.36				Claystone carbonaceous, bright coal bands		
						1602	/488.29		
	487.06	487.40	0.34						
							TOP OF BOX 111	4.27	
	487.40	488.09	0.69						
35°	488.09	488.47	0.38				Siltstone grey, with many interbeds of dark grey claystone and thin interbeds of light grey fine grained sandstone		
						1607	/489.81		
	488.47	490.06	1.59						
						1612	/491.34		
	490.06	490.13	0.07						
37°	490.13	491.67	1.54				Sandstone as above		
						1617	/492.86		
							TOP OF BOX 112	3.96	
	491.67	491.71	0.04				Core loss rock		
	491.71	491.78	0.07						
	491.78	491.95	0.17	0.14			Claystone grey, carbonaceous at base		
	491.95	492.02	0.07	0.06			Coal bright, banded		
	492.02	492.27	0.25	0.21			Core loss rock		
	492.27	492.32	0.05	0.04			Claystone dark grey, coaly inclusions		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 68

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	492.32	492.38	0.06	0.05			Coal	dull		
	492.38	492.45	0.07	0.06			Coal	D.L.		
	492.45	492.64	0.19	0.16			Coal	D.L. banded		
	492.64	492.69	0.05	0.04			Coal	D.L. bright		
	492.69	492.80	0.11	0.09			Coal	bright banded		
	492.80	492.85	0.05	0.04			Coal	D.L. bright		
						1621'	494.08			
	492.85	492.90	0.05	0.04						
	492.90	492.98	0.08	0.07			Coal	D.L.		
	492.98	493.07	0.09	0.08			Coal	pulverized, d.l. and bright		
	493.07	493.16	0.09	0.08			Coal	d.l. banded		
	493.16	493.27	0.11	0.09			Coal	bright banded		
	493.27	493.44	0.17	0.14			Coal	bright		
	493.44	493.50	0.06	0.05			Coal	D.L.		
	493.50	493.59	0.09	0.08			Coal	sheared, core pulverized		
	493.59	494.59	1.00	0.84			Core loss	coal		
	494.59	494.69	0.10	0.08			Coal	D.L. bright		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 69

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	494.69	494.73	0.04	0.03			Coal D.L.		
	494.73	494.82	0.09	0.08			Coal bright		
	494.82	494.90	0.08	0.07			Coal D.L. Banded		
	494.90	494.98	0.08	0.07			Coal D.L. Bright pulverized		
	494.98	495.04	0.06	0.05			Coal D.L. banded		
	495.04	495.10	0.06	0.05			Coal D.L.		
						1625.2'/495.36			
	495.10	495.17	0.07	0.06			Coal D.L. Bright		
	495.17	495.25	0.08	0.07			Coal D.L.		
	495.25	495.36	0.11	0.09			Coal D.L. banded		
	495.36	495.48	0.12	0.10			Coal D.L. bright		
	495.48	495.56	0.08	0.07			Coal bright banded		
	495.56	495.65	0.09	0.08			Coal D.L. bright		
						1628'/496.21			
	495.65	495.73	0.08	0.07			Coal D.L. banded		
	495.73	495.80	0.07	0.06			Coal D.L. bright		
	495.80	495.87	0.07	0.06			Coal D.L.		
	495.87	495.93	0.06	0.05			Coal D.L. bright		
	495.93	496.05	0.12	0.10			Coal bright banded		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 70

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	496.05	496.21	0.16	0.13			Coal	D.L. bright	
						1632'	497.43		
	496.21	496.32	0.11	0.09			Coal	bright banded	
	496.32	496.42	0.10	0.08			Coal	D.L. bright	
	496.42	496.52	0.10	0.08			Coal	D.L. banded	
	496.52	496.57	0.05	0.04			Coal	dull	
	496.57	496.70	0.13	0.11			Coal	D.L. bright pulverized	
	496.70	496.78	0.08	0.07			Coal	bright banded	
	496.78	496.84	0.06	0.05			Coal	D.L. bright	
	496.84	496.91	0.07	0.06			Coal	bright banded	
	496.91	496.95	0.04	0.03			Coal	D.L. bright	
	496.95	497.02	0.07	0.06			Coal	bright banded	3.77
	497.02	497.06	0.04	0.03			Coal	DL bright	
	497.06	497.18	0.12	0.10			Coal	D.L. bright core pulverized	
	497.18	498.80	1.62	1.36			Core loss	coal	
	498.80	498.85	0.05	0.04			Coal	d.l. bright	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 71

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	498.85	498.94	0.09	0.08			Coal	bright banded, pulverized		
	498.94	499.04	0.10	0.08			Coal	D.L. banded		
						1637'	498.96			
	499.04	499.38	0.34	0.29			Core loss	claystone		
						1641'	500.18			
	499.38	499.44	0.06	0.05			Coal	D.L. bright		
	499.44	500.12	0.68	0.57			Coal	completely pulverized		
	500.12	501.16	1.04	0.87			Core loss	coal		
	501.16	501.24	0.08	0.07			Coal	bright banded		
						1647'	502.01			
	501.24	501.32	0.08	0.07			Coal	D.L. bright		
	501.32	501.36	0.04	0.03			Coal	dull		
	501.36	501.40	0.04	0.03			Coal	D.L. bright		
	501.40	501.66	0.22	0.18			Claystone	carbonaceous, core broken		
	501.66	502.33	0.67	0.57			Sandstone	fine grained, many grey claystone interbeds, some phases with coaly wisps, carbonaceous at top		
	502.33	502.66	0.33				Claystone	carbonaceous, bright coal bands throughout		
	502.66	502.85	0.19				Claystone	as above, core broken with listric surfaces and slickensides		
	502.85	503.17	0.32				Claystone	broken as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7706 SHEET No: 72

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	503.17	503.30	0.13				Coal and claystone interbedded core badly broken		
	503.30	505.09	1.79				Core loss rock		
						1657'/505.05			
	505.09	505.47	0.38				Siltstone grey with interbeds of fine grained, light gray sandstone and fragments dark grey claystone, interbeds carbonaceous at top		
							TOP OF BOX 114	2.39	
28°	505.47	506.35	0.88			1661'/506.27			
	506.35	507.84	1.49			1666'/507.80			
							END OF HOLE 7706		

SAXON PROJECT (SAXON SOUTH)

HOLE NO. 7707 BEARING 220° ANGLE 60° TOTAL DEPTH 352.80
 COORDINATES 6015500.7 N 693512.5 E COLLAR ELEVATION 1726.7

Seam No. 1 Elevation of Seam (Base) 1425.1

Seam Interval: 344.24 - 348.20

True Thickness of Mining Section: 3.25 Coal 2.95 Coal
 Rock 0.30 Rock

Core Recovery: 35 % %

INTERSEAM THICKNESS: 16.0

Seam No. 2 Elevation of Seam (Base) 1445.9

Seam Interval: 318.41 - 324.29

True Thickness of Mining Section: 4.67 Coal 4.51 Coal
 Rock 0.61 Rock

Core Recovery: 83 % %

INTERSEAM THICKNESS: 23.9

Seam No. 3 Elevation of Seam (Base) 1477.2

Seam Interval: 285.16 - 288.14

True Thickness of Mining Section: 2.55 Coal 2.02 Coal
 Rock 0.53 Rock

Core Recovery: 43 % %

INTERSEAM THICKNESS: 42.1

Seam No. 4 Elevation of Seam (Base) 1525.9

Seam Interval: 216.49 - 223.88 Upper 229.63 - 231.91 Lower

True Thickness of Mining Section: 6.22 Coal 5.84 1.88 Coal 1.71
 Rock 0.38 Rock 0.17

Core Recovery: 57 % 38 %

INTERSEAM THICKNESS: 3.66 Upper to Lower; 36.6

SAXON PROJECT (SAXON SOUTH)

HOLE NO. 7707 BEARING _____ ANGLE _____ TOTAL DEPTH _____
COORDINATES _____ COLLAR ELEVATION _____

Seam No. 5 Elevation of Seam (Base) 1577.3

Seam Interval: 171.40 - 172.56

True Thickness
of Mining Section: (0.89) Coal 0.71 Coal _____
Rock 0.18 Rock _____

Core Recovery: 72 % _____ %

INTERSEAM THICKNESS: 29.3

Seam No. 10 Elevation of Seam (Base) 1610.7

Seam Interval: 132.89 - 133.90

True Thickness
of Mining Section: (0.82) Coal _____ Coal _____
Rock _____ Rock _____

Core Recovery: 87 % _____ %

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness
of Mining Section: _____ Coal _____ Coal _____
Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness
of Mining Section: _____ Coal _____ Coal _____
Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS:

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7707 SHEET No: 1

DATE BEGUN: _____ DEPTH: _____ BEARING: N. 220° U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: 60° LOGGED BY: J. Perry CORE SIZE: HQ



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	0	10.23	10.23				No core recovery	TOP OF BOX 1		
	10.23	10.67	0.44				Sandstone	med. grey, fine grained, argillaceous laminae core broken		
						35'/10.67				
34°	10.67	12.07	1.40					as above, very silty in centre, broken		
	12.07	13.91	1.84				Silty sandstone	dull grey; heavily weathered, Core extensively broken at top and near base.		
						45'/13.72				
	13.91	14.10	0.19				Sandstone	med. grey, fine grained, argillaceous laminae		
								TOP OF BOX 2		
37°	14.10	16.86	2.76					as above; med. grained, Claystone layers		
						55'/16.76				
	16.86	18.23	1.37					as above, many claystone and argillaceous		
								TOP OF BOX 3		
	18.23	19.15	0.92				Siltstone	grey, sandstone and claystone bands		
	19.15	19.64	0.49				Silty sandstone	med. grey, med. grained, claystone bands and argillaceous laminae		
						65'/19.81				
39°	19.64	21.75	2.11				Sandstone	med. grey, med. grained, claystone bands and argillaceous laminae, convolute bedding near base silty in places		
	21.75	22.14	0.39				Siltstone	grey, "Soapy" texture.		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						75'/22.86			
	22.14	22.54	0.40			Core loss	coal		
	22.54	22.71	0.17			Claystone	dark, carbonaceous, Core extensively broken		
							TOP OF BOX 4		
	22.71	23.20	0.49			Core loss	rock		
	23.20	23.43	0.23			Claystone	as above, core stilt broken, silty at base		
	23.43	23.98	0.55			Siltstone	dark grey, grades to sandstone at base		
58 ⁰	23.98	25.62	1.64			Sandstone	med. grey, fine grained at top; rest is medium grained. argillaceous laminae. Occasional calcite veins in lower part.		
						85'/25.91			
	25.62	25.73	0.11				as above core, extensively broken		
	25.73	25.93	0.20			Core loss	rock		
53 ⁰	25.93	26.92	0.99			Sandstone	med. to light grey, med. to coarse grained, massive at base		
						89'/27.13			
	26.92	27.47	0.55				as above; dark grey, coaly wisps, heavily weathered		
							TOP OF BOX 5		
	27.47	28.68	1.21				as above, broken in middle		
	28.68	28.88	0.20			Core loss	rock		
						95'/28.96			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7707 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	28.88	29.16	0.28				as above; silty		
43°	29.16	31.62	2.46				Sandstone med. grey, med. to coarse grained argillaceous at top elongate reworked claystone chips in centre, veins occasional brown coloured weathered zones, broken at base.		
							<u>TOP OF BOX 6</u>		
						106'/32.31			
	31.62	31.84	0.22				Siltstone grey, thin claystone and sandstone laminae, grades to sandstone at base		
31°	31.84	34.67	2.83				Sandstone med. grey, fine grained. Thin siltstone and claystone intercalations.		
						116'/35.36			
	34.67	35.60	0.93				as above		
40°	35.60	35.96	0.36				Claystone dark, carbonaceous, Sandy at base		
							<u>TOP OF BOX 7</u>		
	35.96	36.42	0.46				Siltstone grey, laminated with claystone and sandstone bands		
44°	36.42	36.86	0.44				Sandstone dark grey, fine grained, Claystone intercalations, joint at top, surface smooth, regular CA=5°		
	36.86	37.32	0.46				Siltstone grey, sandstone intercalations, core-broken extremely so at top		
	37.32	37.71	0.39				Core loss rock		
						126'/38.40			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 4

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	37.71	38.42	0.71				Siltstone	dark grey, claystone intercalations and sandstone laminae		
43°	38.42	40.44	2.02				silty sandstone	light grey, fine grained, claystone laminae at top siltstone layer in centre siltstone and claystone bands from centre to base. Occasional coaly layers at top		
							<u>TOP OF BOX 8</u>			
						136' / 11.45				
50°	40.44	43.16	2.72				as above, claystone layer at top, occasional coal laminae, some clean sandstone layers			
	43.16	43.62	0.46				Silty claystone	dark grey, sandy bands at top		
							<u>TOP OF BOX 9</u>			
40°	43.62	44.72	1.10			145' / 14.20	Silty sandstone	med. grey, thin clean sandstone and claystone intercalations, claystone layer at base occasional coal laminae		
44°	44.72	46.52	1.80				Silty claystone	dark grey, occasional sandy bands, carbonaceous claystone layers and coal bands, core broken in centre		
							<u>TOP OF BOX 10</u>			
	46.52	46.99	0.47			155' / 17.24	Claystone	dark, carbonaceous, core broken near top occasional coal bands, silty at base		
	46.99	47.21	0.22				Core loss	rock		
	47.21	49.00	1.79				Siltstone	med grey, occasional sandstone bands, sandy at base		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7707 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						165'/50.29			
							<u>TOP OF BOX 10</u>		
	49.00	49.06	0.06				Claystone dark, carbonaceous, coal bands, core heavily broken		
	49.06	49.56	0.50				Core loss coal		
50°	49.56	52.45	2.89				Sandstone light grey, argillaceous laminae, laminated from centre to base, occasional calcite veins		
						175'/53.34			
58°	52.45	53.58	1.13				as above, laminated, occasional reworked claystone chips, claystone layer near base, occasional thin calcite veins		
							<u>TOP OF BOX 11</u>		
48°	53.58	55.58	2.00				as above, med. grained, massive, reworked claystone chips, coarse grained at base		
	55.58	58.01	2.43				Sandstone dark grey, coarse grained, massive, relatively porous		
							<u>TOP OF BOX 12</u>		
	58.01	58.45	0.44				as above		
						195'/59.44			
	58.45	60.12	1.67				as above, grades to med grained, coal band near base, occasional joints with secondary calcite, some of which has been removed by later solution		
48°	60.12	61.52	1.40				Sandstone med. grey, med. grained, coaly laminae near base		
						205'/62.48			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7707 SHEET No: 6

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	61.52	62.02	0.50				as above, coarse grained, with coaly bands at centre		
							<u>TOP OF BOX 13</u>		
	62.02	62.80	0.78			Sandstone	coarse grained, many coal laminae, often irregular		
	62.80	64.44	1.64			Claystone	dark grey, occasional thin coal bands a few calcite veins		
					215.65	53			
	64.44	64.80	0.36				as above, very carbonaceous, core broken		
	64.80	64.87	0.07			Coal	dull and bright, high ash, broken		
	64.87	66.22	0.36			core loss	coal		
	65.22	65.49	0.27			Claystone	dark, carbonaceous, many coal bands throughout, core heavily broken at base		
45°	65.49	66.66	1.17			Siltstone	grey, occasional sandy bands, sandy towards base		
							<u>TOP OF BOX 14</u>		
	66.66	66.86	0.20			Core loss	coal		
	66.86	67.49	0.63			Claystone	dark, carbonaceous at top		
					225'	68.58			
	67.49	68.14	0.65				as above, not carbonaceous		
47°	68.14	69.66	1.52			Siltstone	grey, clay rich, at top sandy, at base claystone and sandstone intercalations, nodules at top		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7707 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
45°	69.66	70.43	0.77				Sandstone med. grey, fine grained, siltstone and claystone intercalations		
						235' /	71.63		
	70.43	70.93	0.50				as above		
							TOP OF BOX 15		
47°	70.93	73.20	2.27				as above		
40°	73.20	73.53	0.33				Silty claystone dark grey		
						245' /	74.68		
	73.53	73.97	0.44				as above		
	73.97	74.52	0.55				claystone dark, carbonaceous, occasional thin coal bands.		
	74.52	74.58	0.06				Coal stoney		
	74.58	74.62	0.04				dull banded, high ash		
	74.62	74.65	0.03				stoney		
	74.65	74.68	0.03				dull bright		
	74.68	74.94	0.26				core loss coal		
	74.94	75.03	0.09				Claystone dark, very carbonaceous		
	75.03	75.10	0.07				Coal stoney		
	75.10	75.31	0.21				Claystone med. grey		
	75.31	75.47	0.16				sandstone dark grey, fine grained, silty		
							TOP OF BOX 16		
43°	75.47	76.87	1.40				as above, claystone intercalations		
						255' /	77.72		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	76.87	77.29	0.42				as above		
	77.29	77.54	0.25			Claystone	dark, carbonaceous, many coal laminae		
	77.54	77.79	0.25			Siltstone	dark grey, sandy sandstone intercalations		
	77.79	78.10	0.31			Claystone	dark, carbonaceous, coal laminae		
	78.10	78.19	0.09			Coal	dull, lustrous		
	78.19	78.23	0.04				d.l. banded		
	78.23	78.40	0.17			Core loss	coal		
	78.40	78.46	0.06			Coal & bands			
	78.46	78.75	0.29			Siltstone	dark grey, sandy grades to sandstone at base		
40°	78.75	79.81	1.06			Sandstone	dark grey, fine grained, silty, laminae		
						265'/80.77	TOP OF BOX 17		
	79.81	82.28	2.47			Silty sandstone	dark grey, fine grained, argillaceous laminae, occasional calcite filled joints, surfaces are rough and irregular CA-30° less silty towards base		
30°	82.28	83.02	0.74			Sandstone	med. grey, med. grained, clay rich layers and claystone bands, occasional calcite veining		
						275'/83.82			
32°	83.02	84.03	1.01				as above		
							TOP OF BOX 18		
	84.03	84.38	0.35				as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7707 SHEET No: 9

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	84.38	85.01	0.63				Sandstone dark grey, fine to medium grained, argillaceous, grades to siltstone at base joint near top, smooth regular CA=40°		
45°	85.01	85.96	0.95				Silty claystone dark grey, sandy, particularly at top, occasional sandstone bands and carbonaceous claystone layers		
						285' / 86.87			
	85.96	86.40	0.44				Claystone dark, carbonaceous, occasional coal laminae.		
	86.40	87.45	1.05				sandstone med. grey, fine grained, silty at top, siltstone and claystone intercalations.		
49°	87.45	87.86	0.41				Siltstone med. grey, intercalations of sandstone and claystone		
							TOP OF BOX 19		
	87.86	88.50	0.64				Claystone dark, carbonaceous, silty at top, occasional coal bands a few nodules (Fe).		
	88.50	88.80	0.30				core loss rock		
						295' / 89.92			
	88.80	89.82	1.02				Silt claystone dark grey, carbonaceous, claystone at top, coaly bands in upper part sandstone layer at base.		
47°	89.82	91.75	1.93				Claystone dark, occasional silty layers and some sandy lenses, nodules, coaly laminae		
						305' / 92.96			
	91.75	92.36	0.61				as above		
							TOP OF BOX 20		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 10

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	92.36	94.73	2.37				as above, sandstone and siltstone intercalations		
						315'/96.01			
47°	94.73	96.67	1.94				as above		
							<u>TOP OF BOX 21</u>		
	96.67	97.42	0.75				as above		
	97.42	97.73	0.31				Core loss rock		
						325'/99.06			
35°	97.73	99.83	2.10				Claystone as above, silty at top		
	99.83	100.73	0.90				Sandstone light grey, fine grained, coaly wisps often irregular, plant remains, occasional shale laminae, rubbly sandstone, core broken.		
						335'/102.11			
	100.73	101.18	0.45				as above less coaly matter		
							<u>TOP OF BOX 22</u>		
34°	101.18	102.67	1.49				Sandstone med. grey, med. grained, massive coaly laminae at base		
	102.67	103.77	1.10				siltstone grey sandstone and claystone layers		
						345'/105.16			
46°	103.77	105.55	1.78				Sandstone med. grey, fine grained, silty in places, argillaceous, laminae, plant remains		
							<u>TOP OF BOX 23</u>		
	105.55	106.20	0.65				as above, thinly intercalated with siltstone and claystone, claystone predominates at base		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 11

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
36°	106.20	106.60	0.40				Claystone	dark grey, at top intercalated with sandstone and siltstone		
	106.60	107.05	0.45				Core loss	coal		
						355' /	108.20			
	107.05	107.48	0.43				Claystone	dark grey, carbonaceous		
	107.48	107.79	0.31				Sandstone	light grey, fine grained		
	107.79	109.07	1.28				Claystone	as above, core broken		
	109.07	109.60	0.53				Core loss	coal		
						365' /	11.25			
	109.60	109.83	0.23				Claystone	as above, core broken at top; has coal chips		
	109.83	110.50	0.67				Core loss	rock		
	110.50	110.53	0.03				Coal	bright		
	110.53	110.90	0.37				Core loss	coal		
	110.90	111.05	0.15				Claystone	as above, broken		
	111.05	111.20	0.15				Core loss	rock		
	111.20	111.24	0.04				Coal	bright banded		
	111.24	111.70	1.46				Core loss	coal		
	111.70	112.06	0.36				Claystone	as above, slightly broken		
	112.06	112.40	0.34				Core loss	rock		
	112.40	112.69	0.29				Core loss	coal		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 12

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	112.69	113.33	0.64				Claystone	dark grey, carbonaceous, slightly broken		
35°	113.33	114.14	0.81			375' / 114.30	Siltstone	dark grey, claystone at top, grades to sandstone at base, occasional coal bands		
	114.14	114.99	0.85				Sandstone	light grey, fine grained, argillaceous layers, occasional calcite filled joints, surfaces are smooth and regular, CA=53		
38°	114.99	116.22	1.23				Siltstone	med. grey, claystone layer at top, thin sandstone and claystone intercalations throughout		
	116.22	116.82	0.60			385' / 117.34		as above, occasional coal bands, grades to sandstone at base, some calcite veining		
	116.82	117.61	0.79				Sandstone	med. grey, fine grained, laminated at top, argillaceous		
40°	117.61	118.72	1.11				Siltstone	dark grey, claystone at top with coal laminae, grades to sandstone at base		
	118.72	119.20	0.48				Sandstone	med. grey, fine grained, argillaceous		
58°	119.20	120.69	1.49			395' / 120.40		as above, calcite veins in centre		
	120.69	121.23	0.54				Claystone	dark, carbonaceous		
								TOP OF BOX 26		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 13

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
40°	121.23	122.22	0.99				Siltstone	dark grey, claystone layers and sandstone laminae		
						405' /	123.44			
46°	122.22	124.52	2.30					as above		
	124.52	125.23	0.71				Sandstone	med. grey, fine to med. grained, argillaceous, and coaly laminae		
						415' /	126.49			
								TOP OF BOX 27		
40°	125.23	128.32	3.09					as above, occasional claystone layers and calcite veins		
						425' /	129.54			
	128.32	128.71	0.39					as above		
	128.71	129.53	0.82				Claystone	dark, carbonaceous, plant remains, occasional sandy bands		
								TOP OF BOX 28		
	129.53	129.70	0.17					as above		
	129.70	129.72	0.02				Coal	bright		
	129.72	129.75	0.03					stoney		
	129.75	129.77	0.02				Claystone	dark, carbonaceous		
	129.77	129.86	0.09				Coal	bright with thin claystone band		
	129.86	129.90	0.04					dull		
	129.90	130.09	0.19				Core loss	coal		
35°	130.09	131.52	1.43				Claystone	blue; grey, occasional coaly bands, nodules		
						435' /	132.59			
	131.52	132.89	1.37					as above, dark grey, silty bands at top		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 14
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	132.89	132.95	0.06	0.05			Coal		
	132.95	133.07	0.12	0.10			bright banded		
	133.07	133.13	0.06	0.05			dull banded (lustrous)		
	133.13	133.19	0.06	0.03			dull lustrous		
	133.19	133.24	0.05	0.04			bright; occasional woody bands		
	133.24	133.34	0.10	0.08			bright banded occasional woody bands		
	133.34	133.38	0.04	0.03			bright		
	133.38	133.44	0.06	0.05			dull and bright		
	133.44	133.48	0.04	0.03			bright		
	133.48	133.76	0.28	0.23			dull banded (lustrous)		
	133.76	133.90	0.14	0.11			dull; sheared in lower half		
							core loss coal		
	133.90	133.99	0.09				Claystone		
							med. grey		
35°	133.99	134.08	0.09				Silty claystone		
							med. grey		
							TOP OF BOX 29		
	134.08	134.59	0.51				Silty sandstone		
						445' / 135.64	dark grey, siltstone and claystone intercalations		
	134.59	135.73	1.14				Claystone		
							dark grey, siltstone and sandstone intercalations, siltstone at top and base		
	135.73	137.69	1.96				Sandstone		
							med. grey, fine med. grained, argillaceous, particularly at top, large scale X bedding have very steep bedding in center, occasional coaly laminae, a few thick calcite veins		
28°	137.69	138.24	0.55			455' / 138.68	as above		
							TOP OF BOX 30		
	138.24	138.57	0.33				as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 15

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
43°	138.57	140.79	2.22				Claystone	dark grey, sandstone and siltstone intercalations, carbonaceous in places		
						465' /				
	140.79	141.24	0.45				Core loss	coal		
	141.24	142.15	0.91				Claystone	as above		
30°	142.15	143.02	0.87				Sandstone	med. grey, fine grained, laminated at top, argillaceous		
								<u>TOP OF BOX 31</u>		
	143.02	143.85	0.83					as above		
						475' /				
	143.85	144.70	0.85				Siltstone	dark grey, sandy at top and base, thin sandstone and claystone intercalations		
	144.70	145.51	0.81				sandstone	as above, med grained, occasional calcite veins		
	145.51	146.76	1.25				Claystone	dark grey, occasionally carbonaceous, grades to silty claystone at base		
						485' /				
37°	146.76	147.10	0.34				Silt claystone	dark grey		
								<u>TOP OF BOX 32</u>		
	147.10	147.48	0.38					as above, grades to sandstone at base		
35°	147.48	149.91	2.43				Sandstone	med. grey, fine grained, argillaceous laminae and occasional claystone layers		
						495' /				
						150.88				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 16

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	149.91	150.66	0.75				as above, thick claystone layer at base		
	150.66	151.39	0.73				silty claystone . dark grey, siltstone at top		
							<u>TOP OF BOX 33</u>		
	151.39	151.93	0.54				as above		
	151.93	153.04	1.11				Claystone dark, carbonaceous in places, some coal bands occasional listric fracture surfaces		
					505'	153.92			
	153.04	154.18	1.14				as above		
35°	154.18	155.67	1.49				Sandstone light grey, fine grained, argillaceous laminae and occasional claystone bands, joint near base, secondary calcite, surface smooth and regular; CA=40°		
							<u>TOP OF BOX 34</u>		
	155.67	156.16	0.49				as above		
					515'	156.97			
	156.16	157.89	1.73				as above, occasional calcite veins		
34°	157.89	159.12	1.23				Claystone dark grey, intercalations of sandstone, and silt stone, carbonaceous with coaly bands near base		
					525'	160.02			
	159.12	159.26	0.14				Claystone dark, carbonaceous, core broken		
	159.26	159.38	0.12				Claystone as above, pulverized		
	159.38	159.46	0.08				Coal dull; broken		
	159.46	159.66	0.20				Core loss coal		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 17

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	159.66	159.77	0.11				Claystone	very carbonaceous; almost a stoney coal		
	159.77	159.91	0.14				Core loss	rock		
	159.91	160.00	0.09				Coal	dull lustrous		
	160.00	160.09	0.09					bright		
	160.09	160.13	0.04					d.l. and bright		
	160.13	160.16	0.03					boney		
	160.16	160.38	0.22				core loss	coal		
								<u>TOP OF BOX 35</u>		
	160.38	160.69	0.31				Claystone	dark, very carbonaceous, coal bands a few cons. thick present		
30°	160.69	162.19	1.50				Sandstone	med. grey, fine grained, argillaceous laminae and claystone bands, somewhat silty		
						535' /	163.07			
	162.19	164.76	2.57				siltstone	med. grey, very sandy with sandstone phase		
								<u>TOP OF BOX 36</u>		
	164.76	165.24	0.48					as above		
						545' /	166.12			
40°	165.24	166.29	1.05				Sandstone	dark grey, fine grained, argillaceous laminae and claystone bands		
	166.29	167.03	0.74				Claystone	dark, carbonaceous, coal bands		
	167.03	167.67	0.64				Siltstone	grey		
	167.67	168.03	0.36				Sandstone	med. grey, med. grained, argillaceous		
						555' /	169.16			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 18

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	168.03	169.02	0.99				as above		
							TOP OF BOX 37		
	169.02	170.50	1.48				as above		
	170.50	170.98	0.48				claystone		
					565'	172.21	dark, carbonaceous, occasional coal bands		
	170.98	171.13	0.15	0.11			Core loss		
	171.13	171.33	0.20	0.15			Claystone		
	171.33	171.40	0.07	0.05			Core loss		
	171.40	171.43	0.03	0.02			Coal		
	171.43	171.67	0.24	0.18			dull lustrous		
	171.67	171.71	0.04	0.03			stoney		
	171.71	171.80	0.09	0.07			dull		
	171.80	171.87	0.06	0.05			d.l. bright		
	171.87	171.87	0.00	0.00			d.l. banded		
	171.86	171.95	0.09	0.07			d.l. and bright		
	171.95	172.18	0.23	0.18			bright		
	172.18	172.23	0.05	0.04			d.l. bright		
	172.23	172.56	0.33	0.25			Core loss		
					569.5'	173.58	coal		
	172.56	173.10	0.54				Claystone		
							dark, very carbonaceous, stoney coal bands in places, thin bright coal bands occur, broken		
					571.5'	174.19	TOP OF BOX 38		
	173.10	173.20	0.10				as above		
	173.20	173.42	0.22				Siltstone		
							grey		
40°	173.42	174.77	1.35				Silty sandstone		
							dark grey, fine grained, claystone intercalations		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 19

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						576.5' / 175.72			
	174.77	175.69	0.92			Silty sandstone	dark grey, fine grained, otherwise as above, occasional coal bands		
						580' / 176.78			
32°	175.69	177.26	1.57			Siltstone	dark grey, sandy intercalations, nodules		
						585' / 178.31			
	177.26	177.57	0.31				as above		
							TOP OF BOX 39		
	177.57	177.98	0.41				as above		
	177.98	178.76	0.78			Sandstone	med. grey, fine grained, claystone intercalations		
						590' / 179.83			
	178.76	179.31	0.55				as above		
	179.31	180.31	1.00			Sandstone	as above, only a few claystone layers, occasional calcite veins and joints		
						595' / 181.36			
	180.31	180.97	0.66				as above		
37°	180.97	181.81	0.84			Siltstone	dark grey, claystone layers		
							TOP OF BOX 40		
						600' / 182.88			
	181.81	182.49	0.68				as above		
	182.49	183.39	0.90			Sandstone	med. grey, fine grained, argillaceous, claystone bands		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 20

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						605'/184.40			
35 ⁰	183.39	184.95	1.56			as above			
						610'/185.93			
	184.95	185.65	0.70			as above			
	185.65	185.86	0.21			Claystone dark carbonaceous, several bright coal bands, all powdered			
	185.86	186.01	0.15			Sandstone as above			
						TOP OF BOX 41			
	186.01	186.64	0.63			as above			
						615'/187.45			
32 ⁰	186.64	188/07	1.43			as above			
						620'/188.98			
	188.07	188.80	0.73			as above, grades to sandy siltstone at base, joint at base; surface rough, regular, calcite infill; CA=45 ⁰			
	188.80	189.70	0.90			Siltstone dark grey, sandy			
						625'/190.50			
	189.70	190.17	0.47			as above			
						TOP OF BOX 42			
	190.17	191.14	0.97			Sandstone med. grey, fine grained, silty claystone intercalations			
						630'/192.02			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 21

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
27 ⁰	191.14	192.73	1.59				as above		
						635' /	193.55		
	192.73	193.21	0.48				as above, silty at base		
	193.21	194.22	1.01				Siltstone grey, sandstone intercalations, sandstone at base		
						640' /	195.07		
	194.22	194.39	0.17				Sandstone as above		
							TOP OF BOX 43		
35 ⁰	194.39	195.80	1.41				as above, very silty at base		
						645' /	196.60		
	195.80	197.23	1.43				as above, siltstone band at base		
						650' /	198.12		
	197.23	198.58	1.35				as above, silty		
						655' /	199.64		
							TOP OF BOX 44		
	198.58	200.20	1.62				Sandstone med. grey, fine to medium grained, claystone laminae and bands, silty in places		
						660' /	201.17		
34 ⁰	200.20	201.79	1.59				as above		
						665' /	202.69		
	201.79	202.80	1.01				as above, occasional calcite veins and joints, joint at base; smooth regular CA=34 ⁰		
							TOP OF BOX 45		
25 ⁰	202.80	203.37	0.57				as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 ~~SHEET~~ No: 22

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						670'/204.22			
22°	203.37	204.97	1.60			as above			
						675'/205.74			
	204.97	206.44	1.47			as above			
20°	206.44	206.96	0.52			680'/207.26 Sandstone	med. grey, med. grained, argillaceous laminae		
							TOP OF BOX 46		
	206.96	207.98	1.02			as above			
26°	207.98	209.50	1.52			685'/208.79	as above		
						690'/210.31			
	209.50	211.06	1.56			as above			
						695'/211.84			
35°	211.06	211.22	0.16			as above			
	211.22	212.24	1.02			as above			
	212.24	212.49	0.25			Siltstone	med. to dark grey, sandy bands		
32°	212.49	214.05	1.56			700'/213.36	Silty claystone	dark grey, silty bands	
						705'/214.88			
	214.05	215.52	1.47			Claystone	dark grey, silty, occasional carbonaceous layers, coal laminae		
							TOP OF BOX 48		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 23

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						710'/216.41			
35°	215.52	216.37	0.85				As above, siltstone bands		
	216.37	216.39	0.02	0.02			Coal & bands		
	216.39	216.43	0.04	0.03			Coal & claystone intermixed chips, havily broken		
	216.43	216.49	0.06	0.05			Core loss coal and claystone		
	216.49	216.56	0.07	0.06	↑		Coal d.l. bright		
	216.56	216.59	0.03	0.03			bright banded		
	216.59	216.63	0.04	0.03			bright		
	216.63	216.69	0.06	0.05			d. l.		
	216.69	216.75	0.06	0.05			d.l. banded		
	216.75	216.79	0.04	0.03			bright		
	216.79	216.96	0.17	0.14			dull; sheared, powdered in centre		
						714'/217.63			
	216.96	217.81	0.85	0.72			Core loss coal		
	217.81	217.84	0.03	0.03			dull; heavily broken		
	217.84	217.88	0.04	0.03			Claystone dark, carbonaceous, listric surfaces, heavily broken		
	217.88	217.93	0.05	0.04			Coal d.l. banded; broken		
	217.93	218.02	0.09	0.08			dull banded; many thin ash bands; heavy		
	218.02	218.07	0.05	0.04			d.l. and bright		
	218.07	218.10	0.03	0.03			boney with bright band		
	218.10	218.14	0.04	0.03			bright banded		
	218.14	218.17	0.03	0.03			dull and bright with boney bands		
	218.17	218.21	0.04	0.03			boney with bright bandes		
	218.21	218.26	0.05	0.04	4.1.1		dull and bright pulverized		
	218.26	218.30	0.04	0.03			dull		
						720'/219.46			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 24
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	218.30	218.41	0.11	0.09			dull banded; some boney bands		
	218.41	218.48	0.07	0.06			d.l.		
	218.48	218.54	0.06	0.05			dull; sheared		
	218.54	218.66	0.12	0.10			boney; very hard, compact		
	218.66	218.71	0.05	0.04			d.l.		
	218.71	218.84	0.13	0.11			d.l. banded		
	218.84	218.87	0.03	0.03			d.l.		
	218.87	218.90	0.03	0.03			d.l. banded		
						722' / 220.07			
	218.90	218.93	0.03	0.03			d.l. banded		
	218.93	218.97	0.04	0.03			boney; some bright bands		
	218.97	219.02	0.05	0.04	4.1.1		d.l. banded		
	219.02	219.07	0.05	0.04			d.l. and bright with a boney band		
	219.07	219.09	0.02	0.02			sheared		
	219.09	219.15	0.06	0.05			bright		
	219.15	219.22	0.07	0.06			d.l. and bright		
	219.22	219.28	0.06	0.05			d.l. banded		
	219.28	219.38	0.10	0.08			bright heavily sheared near base		
	219.38	219.49	0.11	0.09			bright; heavily sheared		
	219.49	219.51	0.02	0.02			pulverized dull and bright		
	219.51	219.56	0.05	0.04			dull and bright		
	219.56	219.66	0.10	0.08			dull		
	219.66	219.70	0.04	0.04			pulverized, dull and bright		
	219.70	219.75	0.05	0.04			d.l. banded		
	219.75	219.82	0.07	0.06			dil. sheared		
	219.82	220.45	0.63	0.53	X	727' / 221.59	Core loss coal		
	220.45	220.56	0.11	0.09			sheared,,heavily broken		
	220.56	220.64	0.08	0.07			dull banded, sheared; woody bands		
	220.64	220.66	0.02	0.02			d.l.		
	220.66	220.71	0.05	0.04			sheared		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG



HOLE No: 7707 SHEET No: 25

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 49</u>		
..	220.71	220.74	0.03	0.03			dull; sheared broken		
-	220.74	220.80	0.06	0.05			d.l. and bright; sheared		
..	220.80	220.84	0.04	0.03			dull; hard compact		
..	220.84	220.89	0.05	0.04			d.l. sheared		
-	220.89	221.35	0.46	0.39			Core loss coal		
						730.1	222.50		
..	221.35	221.43	0.08	0.07			d.l. banded; sheared, broken		
..	221.43	221.58	0.15	0.13			d.l. sheared		
	221.58	221.63	0.05	0.04			d.l. banded; sheared		
	221.63	221.67	0.04	0.03			sheared broken		
	221.67	221.92	0.25	0.21	4.1.2		d.l. sheared		
						732.;	223.11		
..	221.92	222.05	0.13	0.11			d.l. and bright; sheared, core broken		
..	222.05	222.16	0.11	0.09			sheared - soft, puggy		
-	222.16	222.34	0.18	0.15			Core loss coal		
-	222.34	222.46	0.12	0.10			Core loss rock		
-	222.46	222.90	0.44	0.37			Core loss coal		
						735.1	224.03		
..	222.90	223.00	0.10	0.08			d.l. and bright, sheared		
..	223.00	223.48	0.48	0.40			Core loss coal		
						736.1	244.33		
-	223.48	223.50	0.02	0.02	*		Coal and bandes	thin bright coal bands, core broken,	
-	223.50	223.53	0.03	0.03	*		Claystone	dark grey, carbonaceous, many bright coal laminae, core broken	
					4.2.1				
..	223.53	223.62	0.09	0.08				as above, plant remains (roots)	
..	223.62	223.67	0.05	0.04	v		Core loss	rock	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 26

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	223.67	223.71	0.04	0.03	↑		Coal	boney; with many bright bands		
	223.71	223.74	0.03	0.03	↑			stoney; with few bright bands and laminae a few CaCo ₃ laminae		
	223.74	223.79	0.05	0.04	4.3.1			bright		
	223.79	223.82	0.03	0.03	↑			stoney; with bright bands and laminae		
	223.82	223.85	0.03	0.03	↑			bright; with stoney bands		
	223.85	223.88	0.03	0.03	↑			stoney; with bright bands		
25°	223.88	224.04	0.16	0.13	*		Claystone	medium grey, many plant remains; several bright coal bands		
	224.04	224.15	0.11	0.09	↑			as above, few plant remains, one 0.01 m. bright coal band		
	224.15	224.17	0.02	0.02	↑			as above, dark grey, carbonaceous, bright coal laminae		
	224.17	224.46	0.29	0.24	4.4.1			as above, med. grey, with plant remains and several bright bands		
30°	224.46	224.75	0.29	0.24		740' / 225.55	Claystone	dark grey, bright coal bands and plant remains, listric surfaces, carbonaceous at base		
	224.75	224.82	0.07	0.06	*		Coal	stoney; with many bright bands		
	224.82	224.93	0.11	0.09	↑			bright with stoney chips, sheared, core broken		
	224.93	225.04	0.11	0.09	4.5.1		Core loss	coal		
	225.04	225.13	0.09	0.08	↑			stoney, with bright coal bands and laminae sheared, core broken		
	225.13	225.28	0.15	0.13	↑		Core loss	stoney		
	225.28	225.32	0.04	0.03	*		Claystone	dark grey, bright coal bands and laminae		
35°	225.32	226.27	0.95	0.80			Claystone	med. grey, many plant remains in top part, silty bands, at base have calcite filled fractures, sub parallel		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 27

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							cont,d to bedding, iron clay concretion at base		
						745'/227.08			
							TOP OF BOX 50		
32°	226.27	227.62	1.35	1.14	NOT SAMPLED		Claystone dark, carbonaceous in places, occasional calcite veins at base, a few coaly bands, nodules		
40°	227.62	229.20	1.58	1.33			as above		
	229.20	229.63	0.43	0.36			as above, carbonaceous, coal bands		
	229.63	229.72	0.09	0.07			Coal dull		
	229.72	229.78	0.06	0.05			bright		
	229.78	229.81	0.03	0.03			sheared		
	229.81	229.87	0.06	0.05			dull; sheared		
	229.87	229.90	0.03	0.03			d.l. and bright; sheared		
	229.90	229.94	0.04	0.03			sheared		
	229.94	230.65	0.71	0.59			Core loss coal		
						760'/231.65			
	230.65	230.69	0.04	0.03					
	230.69	230.73	0.04	0.03	4.6.1		dull; broken		
	230.73	230.83	0.10	0.08			bright		
							d.l.; broken		
							TOP OF BOX 51		
	230.83	230.99	0.16	0.13			d.l.		
	230.99	231.08	0.09	0.07			d.l. banded		
	231.08	231.11	0.03	0.03			sheared		
	231.11	231.14	0.03	0.03			bright		
	231.14	231.49	0.35	0.30			Core loss coal		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 28
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	231.49	231.51	0.02	0.02			Claystone	dark, carbonaceous		
	231.51	231.70	0.19	0.15			Core loss	rock		
	231.70	231.76	0.06	0.05			Coal	bright		
	231.76	231.91	0.15	0.12			Core loss	coal		
					↓	763'/	232.56			
	231.91	232.18	0.27				Claystone	dark, carbonaceous		
	232.18	232.28	0.10					as above; heavily sheared		
	232.28	232.50	0.22					as above; not sheared		
32°	232.50	233.24	0.74				Sandstone	med. grey, med. grained, silty, claystone bands		
						768'/	234.09			
	233.24	233.89	0.65				Siltstone	grey, sandstone and claystone interbeds		
						770'/	234.70			
	233.89	234.66	0.77				Sandstone	as above		
	234.66	235.35	0.69				Siltstone	as above		
						775'/	236.22			
								TOP OF BOX 52		
30°	235.35	236.51	1.16				Silty sandstone	med. grey, fine grained, many siltstone and claystone intercalations		
	236.51	236.83	0.32				Silty claystone	dark grey, carbonaceous bands with coaly laminae		
						780'/	237.74			
	236.83	237.30	0.47				Claystone	dark grey, carbonaceous		
	237.30	237.34	0.04				Coal	d.l. banded		
	237.34	237.43	0.09					bright banded		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 29
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	237.43	237.46	0.03				pulverised; mainly bright		
	237.46	237.59	0.13				Core loss coal		
	237.59	237.62	0.13				Claystone dark, carbonaceous		
	237.62	237.75	0.13				Coal bright		
38°	237.75	238.32	0.57				Siltstone med. grey		
						785' / 239.27			
	238.32	238.35	0.03				Coal bright		
37°	238.35	239.05	0.70				Siltstone grey, occasional sandstone bands, grades to sandstone at base		
	239.05	239.58	0.53				Sandstone light grey, med. grained, argillaceous		
							TOP OF BOX 53		
						790' / 240.79			
	239.58	241.17	1.59				Siltstone grey, sandy sandstone layer at top underlain by a carbonaceous claystone, grades to sandstone at base		
						795' / 242.32			
	241.17	241.73	0.56				Sandstone as above		
	241.73	242.51	0.78				Siltstone grey, sandy		
	242.51	242.76	0.25				Silty Claystone med. grey, occasional coal bands		
						800' / 243.84			
	242.76	242.84	0.06				Coal bright		
	242.84	243.20	0.36				Core loss coal		
	243.20	243.32	0.12				Claystone dark, carbonaceous		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 30

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	243.32	243.37	0.05				as above, sheared		
	243.37	243.64	0.27				as above, unsheared		
29°	243.64	244.15	0.51				Siltstone grey		
							TOP OF BOX 54		
	244.15	244.55	0.40				Claystone dark, carbonaceous in places		
					805'	245.36			
	244.55	245.07	0.52				as above, bright coal bands		
	245.07	246.10	1.03				Silty claystone dark grey		
45°	246.10	246.89	0.79			810'	as above		
	246.89	247.66	0.77				Sandstone dark grey, med. grained, silty		
					815'	248.41			
	247.66	248.32	0.66				as above, calcite veins in centre, 0.01m. of bright coal along joint surface, joint at top surface, smooth and regular; CA=20°		
							TOP OF BOX 55		
	248.32	249.05	0.73				as above, with coal bands, coal appears to border zones of local movement, the coal is veined by calcite, some claystone bands		
	249.05	249.25	0.20				Core loss coal		
					820'	249.94			
	249.25	249.29	0.04				Coal and bands		
47°	249.29	249.46	0.17				Claystone dark carbonaceous		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 31

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	249.46	250.57	1.11				Sandstone as above		
						825'	251.46		
	250.57	250.86	0.29				as above		
	250.86	251.29	0.43				Silty claystone dark grey, sandstone layers		
	251.29	252.12	0.83				Sandstone med. grey, med. grained, argillaceous, claystone layers		
						830'	252.98		
40°	252.12	252.48	0.36				as above		
	252.48	252.63	0.15				Claystone dark, carbonaceous		
							TOP OF BOX 56		
	252.63	253.67	1.04				Silty claystone med. grey		
						835'	254.51		
	253.67	255.15	1.48				Siltstone med. grey, occasional sandstone bands		
						840'	256.03		
34°	255.15	255.73	0.58				as above		
	255.73	256.73	1.00				Silty claystone med. grey		
							TOP OF BOX 57		
						845'	257.56		
	256.73	257.88	1.15				as above		
30°	257.88	258.09	0.21				Claystone blue grey		
						850'	259.08		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 32

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY			
	From	To	Thick.	True				m.Rec.	%		
	258.09	258.35	0.26				Claystone	dark, carbonaceous, occasional coal bands			
						852' /	259.69				
	258.35	258.57	0.22					as above, core broken; lots of coal pieces			
	258.57	258.98	0.41				Core loss	coal			
29°	258.98	259.55	0.57				Claystone	dark, carbonaceous at top, occasional coal bands			
						855' /	260.60				
	259.55	259.70	0.15					as above, carbonaceous throughout, heavily veined with calcite			
	259.70	261.08	1.38				Claystone	blue grey, silty in places			
						860' /	262.13				
	261.08	262.67	1.59				Silty sandstone	dark grey, fine grained, siltstone and claystone intercalations			
								<u>TOP OF BOX 58</u>			
40°	262.67	263.63	0.96			865' /	263.65	Sandstone	med. grey, fine grained, argillaceous		
	263.63	264.17	0.54				Siltstone	grey, sandy			
						870' /	265.18				
35°	264.17	265.30	1.13				Sandstone	med. grey, fine grained, massive at top, silty near base			
								<u>TOP OF BOX 59</u>			
	265.30	266.14	0.84					as above			
	266.14	266.46	0.32				Claystone	dark grey			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 33

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	266.46	267.22	0.76				Sandstone as above, joint near base; smooth, regular; CA=15°		
						880'/268.22			
36°	267.22	268.80	1.58				as above		
						885'/269.75			
	268.80	269.46	0.66				as above		
							TOP OF BOX 60		
	269.46	270.27	0.81				as above, 0.10m claystone band near base		
						890'/271.27			
	270.27	270.75	0.48				as above		
	270.75	270.89	0.14				Claystone dark grey		
25°	270.89	271.87	0.98				Sandstone med. grey, fine grained, claystone band near centre		
						895'/272.80			
	271.87	273.04	1.17				Sandstone med. grey, med. grained, argillaceous, grades to fine grained from centre to base, joint near top smooth, regular, calcite on surface CA=30°		
25°	273.04	273.29	0.25				Siltstone dark grey, sandstone at base		
						900'/274.32			
	273.29	273.65	0.36				Sandstone med. grey, fine grained, argillaceous		
							TOP OF BOX 61		
	273.65	274.03	0.38				Siltstone med. grey, sandstone bands		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 34

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
30 ⁰	274.03	274.80	0.77				Sandstone med. grey, fine grained, many argillaceous laminae, occasional calcite filled joints		
						905' / 275.84			
	274.80	276.34	1.54				Silty claystone dark grey, sandstone layers and siltstone bands, occasional coal laminae		
						910' / 277.37			
36 ⁰	276.34	277.96	1.62				Siltstone dark grey, thin sandstone and claystone intercalations		
							TOP OF BOX 62		
						915' / 278.89			
	277.96	279.47	1.51				as above, many claystone intercalations		
	279.47	280.47	1.00				Sandstone med. grey, med. grained, argillaceous bands, particularly at top, silty in places		
	280.47	281.00	0.53				Claystone dark carbonaceous in places, silty layers and occasional coal bands		
						925' / 281.94			
35 ⁰	281.00	282.03	1.03				as above, many sandstone and siltstone intercalations		
							TOP OF BOX 63		
	282.03	282.49	0.46				as above		
						930' / 283.46			
	282.49	283.00	0.51				Silty claystone dark grey, sandstone and siltstone intercalations		
	283.00	283.80	0.80				Siltstone dark grey, many thin claystone intercalations, sandstone bands towards base, occasional coal bands		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 35

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						935' / 284.99			
32°	283.80	284.71	0.91			Sandstone	dark grey, fine-grained, many siltstone and claystone intercalations		
	284.71	284.85	0.14	0.12		Claystone	dark, carbonaceous, occasionally silty		
	284.85	285.03	0.18	0.15		Siltstone	dark grey, plant remains with calcareous coatings, several bands of bright coal		
	285.03	285.07	0.04	0.03	↑	Coal and bands			
	285.07	285.16	0.09	0.08		Core loss	rock (coal and bands)		
	285.16	285.19	0.03	0.03		Coal	bright		
	285.19	285.27	0.08	0.07		Core loss	coal		
	285.27	285.33	0.06	0.05	3.1.1	Silty sandstone	dark grey, coaly streaks and a bright coal band		
	285.33	285.39	0.06	0.05		Core loss	rock		
	285.39	285.42	0.03	0.03		Coal	bright banded		
	285.42	285.45	0.03	0.03			d.l. banded, thin ash bands		
	285.45	285.50	0.05	0.04			d.l. and bright		
	285.50	285.52	0.02	0.02			sheared, heavily broken		
						940.286.51			
	285.52	286.12	0.60	0.51		Core loss	coal		
	286.12	286.18	0.06	0.05		Coal	sheared, heavily broken		
	286.18	286.28	0.10	0.08	3.2.1	Claystone	dark, carbonaceous, sheared with listric surfaces sub-parallel to bedding, calcite veining		
	286.28	286.42	0.14	0.12		Core loss	rock		
	286.42	286.56	0.14	0.12	↑	Coal	stoney; some bright bands		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 36

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	286.56	286.59	0.03	0.03			dull with woody bands		
	286.59	286.69	0.10	0.08			bright		
	286.69	286.73	0.04	0.03			dull		
	286.73	286.82	0.09	0.07			d.l. and bright		
	286.82	286.84	0.02	0.02			pulverized; mainly bright banded with stoney chips		
	286.84	287.09	0.25	0.21			Core loss coal		
	287.09	287.12	0.03	0.03			stoney with bright bands		
					3.3.1	945'/	288.04		
							TOP OF BOX 64		
	287.12	287.27	0.15	0.13			stoney with bright bands very hard		
	287.27	287.30	0.03	0.03			dull banded sheared		
	287.30	287.33	0.03	0.03			bright; sheared		
	287.33	287.44	0.11	0.09			dull; sheared		
	287.44	288.03	0.59	0.50			Core loss coal		
	288.03	288.06	0.03	0.03			bright with ash band		
	288.06	288.14	0.08	0.07			stoney with several bright bands		
	288.14	288.18	0.04	0.03			Claystone dark, carbonaceous, thin bright bands possibly root remnants		
	288.18	288.20	0.02	0.02			Silty claystone dark, with a bright coal band, heavily broken		
31°	288.20	288.51	0.31	0.26			as above, many plant remains, grades to siltstone at base		
	288.51	288.85	0.34				Sandstone med. grey, fine grained, silty occasional reworked chips of dark grey silty claystone argillaceous, laminae at base		
							950'/	289.56	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 37

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
34 ⁰	288.85	289.57	0.72				Sandstone med. grey, fine grained, siltstone and claystone intercalations		
	289.57	290.32	0.75			955' / 291.08	Claystone dark grey, silty bands		
	290.32	290.94	0.62				as above, coal bands		
	290.94	291.84	0.90				Siltstone med. grey, claystone layers		
							TOP OF BOX 65		
	291.84	292.12	0.28			960' / 292.61	Claystone dark, carbonaceous, occasional coal bands		
	292.12	292.88	0.76				Sandstone med. grey, fine grained, siltstone and claystone intercalations		
	292.88	293.45	0.57				Siltstone dark grey, clay-rich		
38 ⁰	293.45	294.75	1.30			965' / 294.13	Claystone dark to blue gray, carbonaceous at top with coaly bands, occasional sandstone and siltstone bands		
	294.75	296.01	1.26			970' / 295.66	as above, sandstone layer in centre		
							TOP OF BOX 66		
	296.01	296.36	0.35				as above		
						975' / 297.18			
40 ⁰	296.36	297.14	0.78				Sandstone light grey, med. grained, claystone bands, argillaceous		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 38

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	297.14	297.84	0.70				Silty claystone dark		
					980'	298.70			
35°	297.84	299.40	1.56				Claystone blue grey, silty bands, occasional nodules		
					985'	300.23			
	299.40	300.24	0.84				Siltstone dark grey		
							TOP OF BOX 67		
	300.24	300.89	0.65				as above, occasional sandstone layers		
					990'	301.75			
30°	300.89	302.44	1.55				Silty claystone dark grey, siltstone bands		
					995'	303.28			
	302.44	303.89	1.45				Silty sandstone dark grey, fine grained, claystone layers		
					1000'	304.80			
32°	303.89	304.47	0.58				as above		
							TOP OF BOX 68		
	304.47	305.39	0.92				Sandstone med. grey, fine grained, argillaceous laminae		
					1005'	306.32			
	305.39	306.89	1.50				as above		
					1010'	307.85			
33°	306.89	308.45	1.56				as above, calcite veins near top		
					1015'	309.37			
	308.45	308.66	0.21				as above, some calcite veins		
							TOP OF BOX 69		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 39

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	308.66	309.98	1.32				as above, occasional calcite veins and joints, joints are smooth but stepped, CA= 5°		
						1020'	310.90		
	309.98	311.53	1.55				as above, less argillaceous laminae towards base, thick calcite veins in centre		
						1025'	312.42		
33°	311.53	312.83	1.30				as above, massive at top TOP OF BOX 70		
	312.83	312.93	0.10				as above		
						1030'	313.94		
	312.93	313.85	0.92				as above, silty at base		
	313.85	314.53	0.68				Siltstone dark grey, many thin sandstone and claystone intercalations		
						1035'	315.47		
	314.53	315.96	1.43				as above, occasional coaly bands		
						1040'	316.99		
35°	315.96	316.86	0.90				as above TOP OF BOX 71		
40°	316.86	316.98	0.12				Claystone dark, grey, carbonaceous in places		
						1045'	318.52		
40°	316.98	317.80	0.82	0.64			as above		
	317.80	317.87	0.07	0.06			as above, sheared, heavily broken, some coaly powder		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 40

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	317.87	318.04	0.17	0.12			SEAM #2 Core loss		
	318.04	318.41	0.37	0.28			Claystone		
	318.41	318.49	0.08	0.06			Coal		
	318.49	318.53	0.04	0.03			dull, broken		
	318.53	318.57	0.04	0.03			dull, banded, some woody bands; broken		
	318.57	318.61	0.04	0.03			d.l. and bright		
	318.61	318.66	0.05	0.04			bright banded		
	318.66	318.87	0.21	0.17			d.l. and bright; mostly powdered		
	318.87	318.91	0.04	0.03			Core loss		
	318.91	318.95	0.04	0.03			coal		
						1050' / 320.04	d.l. banded		
	318.95	319.11	0.16	0.13			bright banded		
	319.11	319.18	0.07	0.06			bright banded		
	319.18	319.23	0.05	0.04			d.l. and bright slightly sheared		
	319.23	319.28	0.05	0.04			d.l. banded slightly sheared		
	319.28	319.34	0.06	0.05			bright banded		
	319.34	319.38	0.04	0.03			d.l. and bright		
	319.38	319.41	0.03	0.02			d.l. banded		
	319.41	319.48	0.07	0.06			d.l. and bright		
	319.48	319.53	0.05	0.04			bright banded		
	319.53	319.62	0.09	0.07			bright somewhat sheared		
	319.62	319.71	0.09	0.07			d.l. banded		
	319.71	319.77	0.06	0.05			d.l. partially sheared		
	319.77	319.87	0.10	0.08			d.l. banded		
	319.87	319.94	0.07	0.06			d.l.		
	319.94	319.98	0.04	0.03			d.l. banded		
							d.l. and bright		
	319.98	320.13	0.15	0.12			Claystone		
	320.13	320.18	0.05	0.04			Core loss		
						1054' / 321.26	dark grey, carbonaceous coaly inclusions sheared		
							rock		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 41

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	320.18	320.21	0.03	0.02			Coal		
	320.21	320.27	0.06	0.05			d.l. banded d.l.		
	320.27	320.35	0.08	0.06			d.l. and bright sheared		
	320.35	320.39	0.04	0.03			d.l. banded		
	320.39	320.45	0.06	0.05			bright banded		
	320.45	320.56	0.11	0.09			d.l. banded		
	320.56	320.61	0.05	0.04			bright banded		
	320.61	320.65	0.04	0.03			d.l. and bright		
	320.65	320.69	0.04	0.03			d.l.		
	320.69	320.74	0.05	0.04			d.l. banded		
	320.74	320.88	0.14	0.11			bright Fusain bands		
	320.88	320.98	0.10	0.08			Core loss		
						1056.5'	322.02		
	320.98	321.10	0.12	0.09			d.l. and bright broken		
	321.10	321.17	0.07	0.06			bright banded bands of Fusain		
	321.17	321.22	0.05	0.04			d.l. banded		
							TOP OF BOX 72		
	321.22	321.32	0.10	0.08			d.l. banded; badly broken		
	321.32	321.38	0.06	0.05			sheared		
	321.44	321.49	0.05	0.04			d.l. and bright core broken		
	321.49	321.52	0.03	0.02			d.l. banded broken		
	321.52	321.59	0.07	0.06			d.l. and bright woody band included		
	321.59	321.63	0.04	0.03			sheared dull banded		
	321.63	321.73	0.10	0.08			boney		
	321.73	321.80	0.07	0.06			d.l. bright the dull bands are boney		
	321.80	321.82	0.02	0.02			d.l. banded; core pulverized		
	321.82	322.12	0.30	0.23			Core loss		
						1060'	323.09		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7707 SHEET No: 42

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	322.12	323.16	0.04	0.03			d.l. banded		
	322.16	322.21	0.05	0.04			bright banded; Fusain bands		
	322.21	322.27	0.06	0.05			bright		
	322.27	322.38	0.11	0.09			d.l. and bright		
	322.38	322.43	0.05	0.04			bright banded; broken		
	322.43	322.49	0.06	0.05			d.l. banded		
	322.49	322.55	0.06	0.05			bright thin, Fusain bands		
	322.55	322.69	0.14	0.11			sheared, very heavily		
	322.69	322.82	0.13	0.10		Core loss	coal		
	322.82	322.88	0.06	0.05			d.l. heavily broken		
	322.88	322.97	0.09	0.07			bright banded		
	322.97	323.02	0.05	0.04			pulverized, mainly bright banded		
	323.02	323.08	0.06	0.05			d.l. and bright one hard boney bands		
	323.08	323.12	0.04	0.03			sheared		
	323.12	323.15	0.03	0.02			d.l. and bright sheared		
	323.15	323.21	0.06	0.05			d.l. banded sheared Fusain bands		
	323.21	323.33	0.12	0.09			d.l. and bright sheared at top		
	323.33	323.42	0.09	0.07			bright		
	323.42	323.48	0.06	0.05			boney includes a bright band		
	323.48	323.58	0.10	0.08			bright banded sheared		
	323.58	323.66	0.08	0.06			bright		
	323.66	323.74	0.08	0.06			pulverized; mainly dull banded		
	323.74	323.86	0.12	0.09		Core loss	coal		
	323.86	323.89	0.03	0.02			d.l. and bright broken		
	323.89	323.98	0.09	0.07			d.l.		
	323.98	324.05	0.07	0.06			d.l. sheared		
	324.05	324.11	0.06	0.05			d.l. banded sheared		
						1065' / 324.61			
	324.11	324.18	0.07	0.06			sheared		
	324.18	324.29	0.11	0.09		Core loss	coal		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 43

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	324.29	324.46	0.17	0.12			claystone	dark, carbonaceous, occasional coal bands, core broken along listric surfaces, subparallel to bedding		
	324.46	324.54	0.08	0.06			Core loss	rock		
36°	324.54	325.21	0.67				Sandstone	med. grey, med. grained, argillaceous bands particularly at the top, open fractures near base with possible remains of carbonate on the fracture surfaces surface is rough and irregular, CA=19°.		
						1070'	326.14			
35°	325.21	325.88	0.67				Silty sandstone	essentially as above, calcite veins near base		
	325.88	326.83	0.95				Siltstone	medium grey, very sandy, some claystone layers		
						1075'	327.66			
38°	326.83	328.32	1.49				Sandstone	dark grey, fine grained, silty at top, massive thick coal bands at base (bright), occasional calcite veins		
						1080'	329.18			
	328.32	329.87	1.55					as above, thick bright coal bands not parallel to bedding, occasional calcite veins		
						1085'	330.71			
	329.87	329.98	0.11				Sandstone	light gray, medium grained, massive		
								TOP OF BOX 74		
	329.98	331.41	1.43				Sandstone	medium grained, dark grey, coarse grained phases, occasional calcite veins		
						1090'	332.23			
32°	331.41	332.97	1.56					as above, small pebble bands at top (0.07m) and near base (0.06m thick), coal laminae at base		
						1095'	333.77			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 44

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	332.97	334.36	1.39				as above, small and medium sized pebbles scattered throughout-concentrated at top and near base forming several thick pebble conglomerate bands, pebbles of sandstone and claystone and possibly chert, joint at base calcite filled, smooth, regular-CA=25°		
	334.36	334.43	0.07				TOP OF BOX 75 as above, no pebbles		
35°	334.43	335.97	1.54		1100'	335.28	Sandstone	light gray, fine to medium grained, argillaceous at base, occasional calcite filled joints	
	335.97	337.43	1.46		1105'	336.80		as above, argillaceous laminae throughout, calcite filled joints	
35°	337.43	338.53	1.10		1110'	338.33		as above	
	338.53	339.03	0.50				TOP OF BOX 76 Siltstone	dark grey, sandy beds and claystone laminae	
38°	339.03	340.57	1.54		1115'	339.85	silty claystone	dark grey, with siltstone and claystone interbeds.	
	340.57	340.79	0.22		1120'	341.38	Claystone	black, carbonaceous, occasional silty beds core broken, occasional coal bands	
	340.79	341.00	0.21				Siltstone	dark grey	
	341.00	342.10	1.10				Sandstone	light grey, fine grained, argillaceous laminae	
32°	342.10	342.72	0.62		1125'	342.90	Sandy siltstone	grey, sandstone and claystone interbeds	
							TOP OF BOX 77		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 45

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
28 ⁰	342.72	343.53	0.81			Seam #1	Claystone	black, carbonaceous, occasional silty bands at top, occasional coal bands, occasional calcite veins		
	343.53	344.04	0.51			1130' / 344.42		as above		
	344.04	344.17	0.13				Claystone	black, carbonaceous, heavily sheared, broken		
	344.17	344.24	0.07	0.06			Core loss	rock		
	344.24	344.64	0.40	0.04	↑		Core loss	coal		
	344.64	344.68	0.04	0.04			Coal	d.l., extensively broken		
	344.68	344.75	0.07	0.06				d.l. banded, extensively broken		
	344.75	344.82	0.07	0.06				bright banded, extensively broken		
	344.82	345.43	0.61	0.54	7.3.1	1135' / 345.95	Core loss	coal		
	345.43	345.48	0.05	0.04				dull (S.G.-1.5), extensively broken		
	345.48	345.50	0.02	0.02				d.l. banded, extensively broken		
	345.50	345.52	0.02	0.02				stoney, sheared, extensively broken		
	345.52	345.54	0.02	0.02				d.l. and bright		
	345.54	345.56	0.02	0.02				dull		
	345.56	345.96	0.40	0.36	*		core loss	coal		
	345.96	346.06	0.10	0.09	7.2.1		Claystone	black, carbonaceous, coal stringers, extensively broken		
	346.06	346.21	0.15	0.13			Core loss	rock		
	346.21	346.25	0.04	0.04	*		Coal	stoney, bright bands, ash bands		
	346.25	346.28	0.03	0.03				bright banded		
	346.28	346.36	0.08	0.07	7.1.1	1140' / 347.47		d.l.		
	346.36	346.39	0.03	0.03				d.l. banded, extensively broken		
	346.39	346.41	0.02	0.02				sheared powdered, " "		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7707 SHEET No: 46

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	346.41	346.91	0.50	0.45			Core loss	coal		
	346.91	346.93	0.02	0.02			Coal	stoney, extensively broken		
	346.93	346.97	0.04	0.04				d.l. banded, extensively broken		
	346.97	347.22	0.25	0.22				dull SG-1.4, extensively broken		
	347.22	347.26	0.04	0.04	7.1.1			d.l.		
	347.26	347.32	0.06	0.05				dull banded		
	347.32	347.43	0.11	0.10				dull, sheared at base		
	347.43	347.47	0.04	0.04				pulverised, mainly dull, sheared		
	347.47	347.51	0.04	0.04				pulverised, d.l. banded		
	347.51	347.55	0.04	0.04				pulverised, d.l.		
	347.55	348.20	0.65	0.58			Core loss	coal		
	348.20	348.32	0.12				Sandstone	dark grey, medium grained, massive occasional coaly laminae, occasional argillaceous laminae		
							1145'	349.00		
26°	348.32	349.12	0.80					as above		
									TOP OF BOX 78	
25°	349.12	349.74	0.62					as above		
							1150'	350.52		
30°	349.74	351.34	1.60					as above, occasional calcite veins		
							1155'	352.04		
	351.34	352.80	1.46					as above		
							1160'	353.57		
									BASE OF HOLE	

SAXON PROJECT (SAXON EAST)

HOLE NO. SD 7708 BEARING _____ ANGLE 90° TOTAL DEPTH 420.66
COORDINATES 6021608.9 N 691015.9 E COLLAR ELEVATION 1245.7

Seam No. 1 Elevation of Seam (Base) 856.3

Seam Interval: 382.00 - 388.40

True Thickness of Mining Section: 4.86 Coal 4.03 Coal _____
Rock 0.83 Rock _____

Core Recovery: 56 % _____ %

INTERSEAM THICKNESS: 18.8

Seam No. 2 Elevation of Seam (Base) 890.6

Seam Interval: 346.80 - 355.08

True Thickness of Mining Section: 6.13 Coal 5.48 Coal _____
Rock 0.65 Rock _____

Core Recovery: 7 % _____ %

INTERSEAM THICKNESS: 66.0

Seam No. 4 Elevation of Seam (Base) 1033.4

Seam Interval: 202.12 - 212.28

True Thickness of Mining Section: 7.77 Coal 7.68 Coal _____
Rock 0.09 Rock _____

Core Recovery: 54 % _____ %

INTERSEAM THICKNESS: 54.0

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness of Mining Section: _____ Coal _____ Coal _____
Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS: _____

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 1
 DATE BEGUN: _____ DEPTH: 420.66 BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: 90° LOGGED BY: V. Sperber CORE SIZE: HQ



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							No core trigoned to 6.12		
45°	6.12	6.43	0.31	0.21			TOP OF BOX 1	4.10	
							Claystone dark grey, plantremains		
	6.43	7.07	0.64	0.45			Sandstone grey, fine grained, with irregular formed silty bands		
40°	7.07	7.51	0.44	0.33			Siltstone grey with a sandy layer (4 cm)		
						27' / 8.23			
	7.51	7.76	0.25	0.19			Claystone dark grey, calcareous (?)		
	7.76	7.99	0.23	0.17			Sandstone grey, fine grained, darker silty bands		
	7.99	8.86	0.87	0.66			Claystone dark grey silty		
	8.86	9.15	0.29	0.22			Sandstone light grey, fine grained, with dark grey claystone patches, bedding slightly disturbed (synsed)		
	9.15	10.22	1.07				Sandstone light grey, medium grained, a few coal streaks cross bedded		
42°	10.22	10.70	0.48				TOP OF BOX 2	6.00	
							Sandstone light grey, medium grained, at bottom fine grained, sheared, fractures filled with calcite (45°)		
						37' / 11.28			
	10.70	10.82	0.12				Sandstone as above		
	10.82	11.27	0.45				Siltstone grey, at top claystone with coal bands		
	11.27	11.72	0.45				Sandstone grey, fine grained, in the upper part marks of bioturbation a few fractures filled with calcite a few coal bands, in the lower part siltstone		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
45°	11.72	12.83	1.11				Sandstone	light grey, medium grained in the upper part fine grained, alternate bedding of sandstone and irregular coalbands (up to 2 cm), bright coal, at bottom fractures filled with calcite.		
	12.83	13.73	0.90				Sandstone	light grey, coarse grained, grains of light and dark colour.		
						47' / 14.33				
	13.73	14.22	0.49				Sandstone	as above		
								TOP OF BOX 3		4.24
42°	14.22	16.72	2.50				Sandstone	as above, a few coal streaks		
						57' / 17.37				
30°	16.72	17.34	0.62				Sandstone	as above		
	17.34	17.70	0.36				Coal	dull a bright, core broken		
	17.70	18.26	0.56				Claystone	dark grey, carb. in the upper part, plant remains (rootings)		
						61' / 18.59				
	18.26	18.46	0.20				Claystone	as above		
								TOP OF BOX 4		4.28
45°	18.46	19.51	1.05				Claystone	dark grey, carb. plant remains, occ. sheared a few coal bands		
						67' / 20.42				
	19.51	20.96	1.45				Claystone	as above, middle a lower part silty		
	20.96	21.32	0.36				Sandstone	grey, fine grained, at top silty, one fracture in the middle part (45° perp. stratif.)		
	21.32	21.77	0.45				Claystone	dark grey, few plant remains, at base silty		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	21.77	22.74	0.97				Sandstone grey, fine grained, at top silty, several darker grey silty claystone bands		
						77'/23.47			
							TOP OF BOX 5		
	22.74	23.79	1.05				Claystone dark grey, several sandy bands	4.25	
50°	23.79	25.96	2.17				Sandstone grey, fine grained, with phases of siltstone and claystone contacts disturbed (synded) in the lower part well laminated, a few fractured filled with calcite (46° perp. stratif.) at base siltstone		
						87'/26.52			
	25.96	26.99	1.03				Sandstone as above		
							TOP OF BOX 6		
	26.99	27.33	0.34				Siltstone dark grey, occ. grading into claystone grey,		
	27.33	27.80	0.47				" sandy, very homogeneous, probably calcareous		
	27.80	28.94	1.14				Sandstone grey, fine grained, occ. grading into siltstone, homogeneous, at base stratif. slightly disturbed (synded)		
						97.29.57			
45°	28.94	29.82	0.88				Sandstone grey to light grey, fine grained, many darker grey silty bands, several fractures filled with calcite (40°)25° perp. stratif) stratification slightly disturbed (synded).		
	29.82	30.17	0.35				Sandstone grey homogeneous, at base grading into fine grained sandstone		
	30.17	30.57	0.40				Sandstone grey, fine grained, at base medium gr., some silty patches		
	30.57	31.33	0.76				Siltstone grey, occ. grading into claystone, at top disturbed with components of fine grained sandstone		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 4

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 7	4.22	
	31.33	32.08	0.75				Claystone dark grey, silty very homogeneous		
41°	32.08	33.08	1.00			107' / 32.61	Sandstone light grey, fine grained, many bands and laminae of darker grey siltstone at top siltstone stratification slightly disturbed (synsed)		
	33.08	34.17	1.09				Sandstone light grey, fine to medium grained laminae and bands of silt and claystone stratification strongly disturbed by slumping, at base grading into silty claystone		
	37.17	34.90	0.73			117' / 35.66	Claystone dark grey, carb., many plant remains, at base silty		
	34.90	35.55	0.65				Claystone dark grey, carb., at top silty		
							TOP OF BOX 8	4.28	
	35.55	36.99	1.44				Claystone dark grey, silty, cloudy intercalations of iron claystone and siltstone wisps		
	36.99	38.06	1.07				Claystone dark grey, homogeneous		
						127' / 38.71			
	38.06	38.53	0.47				Claystone dark grey, silty, at base siltstone bands		
40°	38.53	39.83	1.30				Sandstone grey to light grey, fine grained, intercalations of siltstone and claystone bands in middle part stratification disturbed by slumping		
							TOP OF BOX 9	4.26	
	39.83	40.63	0.80				Siltstone dark grey, sandy bands, a few claystone wisps laminated		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 5
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
48°	40.63	41.10	0.47				Claystone dark grey, homogeneous		
						137' / 41.76			
	41.10	41.29	0.19				Claystone as above, at base 3 coal bands with CaCO ₃ an shearing surfaces		
	41.29	42.59	1.30				Sandstone light grey, fine to medium grained, laminae of siltstone stratification slightly disturbed (syn.sed) at base fracture filled with calcite (38° perp. stratif.) a few worm tubes (?)		
	42.59	42.92	0.33				Siltstone grey, well laminated		
22°	42.92	44.09	1.17				Sandstone light grey, fine to medium grained, intercalations of siltstone and claystone, at base cross bedded. 3 fractures filled with calcite (35°) at bottom siltstone		
						147' / 44.81			
							TOP OF BOX 10		
	44.09	44.57	0.48				Siltstone grey, laminated, with sandy bands and claystone laminae		
40°	44.57	45.37	0.80				Sandstone light grey, fine grained, laminated, many silty bands and claystone laminae, at base stratification slightly disturbed (syn.sed)		
	45.37	46.49	1.12				Claystone dark grey, at top silty, carb., plant remains and coal bands (bright) in the middle part coal (bright and boney 10 cm) subparallel to coal bands listric surfaces, core broken.		
	46.49	46.98	0.49				Siltstone grey sandy bands, claystone laminae, plant remains, bedding slightly disturbed (synsed)		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 6
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						157'/47.85			
	46.98	47.06	0.08			Siltstone	grey, as above calcareous		
45°	47.06	47.56	0.50			Claystone	dark grey, in the upper part silty carb. with thin coal bands (bright) many plant remains		
46°	47.56	48.37	0.81			Sandstone	grey to light grey, fine grained with silty bands and claystone laminae, many worm tubes, several coaly plant remains, at base silty, bedding slightly disturbed.		
							TOP OF BOX 11		4.30
39°	48.37	49.42	1.05			Siltstone	grey in the upper part sandy layers, well laminated, many claystone laminae, many plant remains		
	49.42	49.85	0.43			Claystone	dark grey, at base siltstone bands, many plant remains		
	49.85	50.15	0.30			167'/50.90 Claystone	as above, carb., sheared, a few coal streaks, at base sandy.		
	50.15	52.67	2.52			Sandstone	light grey, medium grained, a few phases coarse grained thin coal streaks, plant remains, bedding well visible by darker intercalations, a few thin fractures filled with calcite		
							TOP OF BOX 12		4.33
	52.67	52.87	0.20			Sandstone	as above		
	52.87	53.24	0.37			177'/53.95 Sandstone	as above		
	53.24	53.45	0.21			Claystone	dark grey, silty, at top carb., sheared at base grading into siltstone		
	53.45	55.79	2.34			Siltstone	grey many sandy siltstone bands, a few fine grained sand stone bands, claystone laminae plant remains occ. bedding disturbed (syn.sed) slickensides		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						87'/57.00			
	55.79	56.41	0.62			Siltstone	as above, at base claystone dominant, well preserved leaves		
	56.41	57.00	0.59			Claystone	dark grey, at top silty, at base carb., plant remains and coal streaks		
							TOP OF BOX 13	4.32	
	57.00	57.20	0.20			Claystone	very dark grey, very carb., many coal bands, core broken sheared		
	57.20	58.18	0.98			Claystone	dark grey, carb., silty, many coal streaks plant remains, in the lower part sandy bands, fractures fill with calcite displacement along fractures (1 cm) occ bedding disturbed by slumping, compact		
	58.18	59.06	0.88			Claystone	dark grey, at top coal streaks carb., calcareous(?) plant remains, some silty phases, compact		
						197'/60.05			
	59.06	60.66	1.60			Claystone	as above in the middle part very carb., many coal streaks core broken, at base silty		
	60.66	60.76	0.10			Claystone	core loss		
	60.76	61.32	0.56			Sandstone	light grey, medium grained, at top well laminated siltstone coaly bands, plant remains		
							TOP OF BOX 14	4.30	
50°	61.32	62.12	0.80			Sandstone	light grey, medium grained, crossbedded, fractures filled with calcite (40°) slickensides		
						207'/63.09			
	62.12	63.37	1.25			Sandstone	as above, in the lower part grading into fine grained sandstone many coal streaks 1-2 mm.		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7708 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	63.37	65.13	1.76				Claystone	dark grey, plant remains, in the middle and lower part sandy bands showing convolute bedding		
	65.13	65.64	0.51			217' / 66.14	Claystone	dark grey, carb., at top sandy bedding disturbed (syn.sed) at base silty		
28°	65.64	66.69	1.05				Claystone	TOP OF BOX 15 dark grey, in the upper part silty phases and bands, at top one coaly band with plant remains with calcitic skins	4.33	
	66.69	67.54	0.85				Claystone	nearly black, plant remains, very carb., coal bands, calcite covered shearing planes		
	67.54	67.76	0.22				Coal	stoney sheared, pulverised		
	67.76	67.86	0.10				Claystone	dark grey, carb.		
	67.86	68.40	0.54				Claystone and Coal	core loss		
44°	68.40	69.03	0.63			277' / 69.19	Claystone	dark grey, silty, carb., siltstone bands, bedding slightly disturbed (syn.sed) plant remains		
	69.03	70.51	1.48				Claystone	dark grey, coal streaks (bright) many plant remains, iron clay bands in the upper part, in the middle part very carb., nearly black, in the lower part silty		
	70.51	70.62	0.11				Claystone (?)	TOP OF BOX 16 core loss	4.21	
30°	70.62	70.92	0.30				Sandstone	grey, fine grained, coaly bands and laminae plant remains		
	70.92	71.30	0.38				Siltstone	dark grey, plant remains carb.		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7708 SHEET No: 9

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	71.30	71.62	0.32			Claystone	dark grey, carb., plant remains			
						237' / 72.24				
40°	71.62	73.40	1.78			Claystone	as above, very carb., many plant remains coal bands (bright) in the middle part one fresh sater shell, at base nearly black			
	73.40	73.75	0.35			Coal	stoney and boney with bright bands, sheared core broken			
	73.75	74.83	1.08			Siltstone	dark grey, carb., coal streaks and sand bands, in the upper part claystone with rooting			
	74.83	75.03	0.20			Siltstone and Coal	core loss			
							TOP OF BOX 17		4.37	
40°	75.03	75.96	0.93			247' / 75.29	Sandstone	grey, fine grained, coaly bands (covered with calcitic skins) and laminae, plant remains, large leaves lamination slightly disturbed (syn: sed)		
	75.96	76.86	0.90			Claystone	dark grey, carb., coaly bands, a few silty bands, lamination distrubed by slumping			
	76.86	77.32	0.46			Claystone	nearly black, carb., full of coal streaks, at top coal (2 cm) broken, at bottom silty			
	77.32	77.96	0.64			Sandstone	grey, fine grained, silty bands, argillaceous and coaly bands			
						257' / 78.33				
	77.96	78.74	0.78			Sandstone	as above bedding disturbed by slumping at base grading into siltstone			
	78.74	79.40	0.66			Claystone	dark grey, carb., coal bands, plant remains			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7708 SHEET No: 10

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 18	4.31	
	79.40	80.56	1.16			Claystone	as above, at base silty		
	80.56	81.12	0.56			Sandstone	grey, fine grained, slightly disturbed (syn sed) at top and at base silty		
54°	81.12	83.71	2.59		267'/81.38	Sandstone	light grey, medium grained, coaly laminae		
							TOP OF BOX 19	4.21	
	83.71	84.09	0.38			Sandstone	as above		
60°	84.09	84.64	0.55		277'/84.43	Sandstone	as above, siltstone bands, slightly disturbed (syn.sed) slickensides parallel to bedding (36°) contact to the next unit at bottom disturbed by slumping		
	84.64	86.73	2.09			Siltstone	dark grey, claystone intercalations, sandy bands, slightly disturbed by slumping a few plant remains, at base claystone		
					287'/87.48				
	86.73	87.27	0.54			Coal	sheared, core broken, claystone bands		
	87.27	87.92	0.65			Claystone	dark grey, carb., coal streaks many plant remains in the middle part sandy bands.		
							TOP OF BOX 20	4.30	
	87.92	88.76	0.84			Claystone	as above, calcareous (?) in the lower part silty		
					292'/89.00				
	88.76	90.22	1.46			Siltstone	dark grey, with argillaceous and fine grained sandstone bands, a few coal bands, plant remains		
53°	90.22	92.22	2.00		297'/90.53	Siltstone	as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7708 SHEET No. 11

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 21</u>	4.34	
	92.22	93.24	1.07				Siltstone as above, disturbed by slumping		
						307'/93.57			
	93.24	94.36	1.12				Sandstone grey, fine grained, silty bands and argillaceous laminae compact, calcareous (?) in the lower part grading into medium grained sandstone		
	94.36	94.76	0.40				Siltstone dark grey, sandy		
35°	94.76	96.14	1.38				Sandstone light grey, medium grained, at top fine grained, many coaly laminae, cross bedding		
						317'/96.62			
35°	96.14	96.56	0.42				Sandstone grey, fine grained, coaly laminae		
							<u>TOP OF BOX 22</u>	4.27	
30°	96.56	99.08	2.52				Sandstone as above, in the lower part grading into medium grained sst., plant remains, one slickenside covered by calcite		
						327'/99.67			
	99.08	100.83	1.75				Sandstone grey to light grey medium grained, coal streaks cross bedded, in the middle part one silty claystone band (10 cm); many plant remains at top and at base brecciated (syn.sed)		
							<u>TOP OF BOX 23</u>	4.28	
	100.83	102.12	1.29				Sandstone as above, in the lower part many coal bands (bright) medium to coarse grained, core broken		
						337'/102.72			
33°	102.12	105.11	2.99				Sandstone grey to light grey, alternation of medium and coarse grained beds, zones with many coal streaks (mainly bright) cross bedded, plant remains		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7708 SHEET No: 12

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 24</u>	4.20	
	105.11	108.16	3.05			Sandstone as above			
					356'/	108.81			
	108.16	109.31	1.15			Sandstone as above, at base medium to fine grained, slickenside along coal streaks			
							<u>TOP OF BOX 25</u>	3.82	
	109.31	111.06	1.75			Sandstone light grey, medium grained, increase of coal streaks			
					367'/	111.86			
	111.06	112.20	1.14			Sandstone as above, at base coarse grained			
	112.20	112.42	0.22			Coal bright and dull, at base stoney and very carb. claystone, sheared, core broken			
					370'/	112.78			
	112.42	113.13	0.71			Claystone dark grey to black, at top sheared (slickensides) in the upper part rootings, in the lower part plant remains, no visible stratification			
							<u>TOP OF BOX 26</u>	4.30	
	113.13	114.28	1.15			Claystone dark grey, plant remains, a few coal streaks, compact in the lower part calcareous (?)			
					377'/	114.91			
	114.28	117.23	2.95	2.08		Claystone as above, carb., fracture (50°) iron clay concretions			
					387'/	117.96			
	117.23	117.43	0.20	0.14		Claystone as above			
							<u>TOP OF BOX 27</u>	4.05	
	117.43	118.15	0.72	0.52		Claystone as above, plant remains well preserved			
	118.15	118.48	0.33	0.23		Coal sheared, core broken			
	118.48	119.88	1.40	0.99		Claystone dark grey to black, very carb., at top irregular mixture of coaly material and claystone			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7708 SHEET No: 13

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	119.88	120.50	0.62	0.43			Coal	dull, woody, bright, core broken		
	120.50	121.20	0.70	0.49			Claystone	core loss		
					397'	121.01	Coal	stoney with claystone sheared core broken		
	121.20	122.28	1.08	0.76			Claystone	dark grey, silty, in the middle part sandy bands at base carb., many plant remains a few fractures filled with calcite (20°, 35°, 60°)		
46°	122.28	123.36	1.08	0.75			Coal	poor coal		
	123.36	123.66	0.30	0.21			Claystone and Coal	sheared, core broken		
					407'	124.05	TOP OF BOX 28		3.96	
	124.08	124.70	0.62	0.43			Claystone	dark grey to black, very carb., many coal bands, sheared, listric surfaces		
	124.70	125.18	0.48	0.33			Coal	poor coal		
					411'	125.27	Coal	bright and dull, sheared, at top and at base core heavily broken		
	125.18	126.40	1.22	0.84			Sandstone	light grey, fine to medium grained, at top and in lower part carb., claystone plant remains fractures filled with calcite, subparallel and perpendicular to stratification (50° 20° 70°)		
47°	126.40	128.24	1.84	1.25			TOP OF BOX 29			
38°	128.24	129.24	1.00				Sandstone	grey to light grey, at top and at base siltstone and claystone laminated, coal streaks, plant remains calcite filled fractures, a few slickensides, 44° (perpend. stratif.)		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7708 SHEET No: 14

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						427' / 130.15			
	129.24	131.10	1.86			Sandstone	grey, fine grained, intercalations of siltstone and claystone laminated a few worm tubes little cross bedding units (ripple marks) a few coal streaks calcite filled fractures (80° 40° 46° 55°) one open fracture with calcite crystals		
	131.10	131.95	0.85			Claystone	dark grey, carb., coal streaks, plant remains laminae of calcite parallel bedding.		
45°	131.95	132.33	0.38			Sandstone	light grey, medium grained, at top fine grained silty, coal streaks, silty laminae plant remains		
	132.33	132.49	0.16			437' / 133.20 Sandstone	as above		
	132.49	133.14	0.65			Claystone	core loss		
	133.14	134.34	1.20			Claystone and Coal	core loss	TOP OF BOX 30	4.20
42°	134.34	136.78	2.44			Claystone	dark grey, carb., many plant remains, coal streaks at top silty well preserved leaves		
	136.78	138.54	1.78			447' / 136.25 Claystone	as above iron clay stones in the middle part, at base silty		
	138.54	139.71	1.17			Siltstone	grey, claystone laminae, sandy bands, bedding disturbed (syn.sed), in the lower part slumping. coal streaks	TOP OF BOX 31	4.20
	139.71	141.80	2.09			457' / 139.29 as above			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7708 SHEET No: 15

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	141.80	142.74	0.94				Claystone dark grey, in the upper part plant remains, carb.		
						467' / 142.34			
	142.74	143.82	1.08				Coal poor coal TOP OF BOX 32 core loss	4.25	
28°	143.82	145.70	1.92				Claystone dark grey to black, very carb., coal bands (bright up to 2 cm) many plant remains, in the lower part silty		
						477' / 145.39			
	145.70	145.97	0.27				Coal poor coal core loss		
	145.97	147.04	1.07				Coal core loss		
	147.04	147.58	0.54				Claystone dark grey, carb., many plant remains		
	147.58	148.27	0.69				Siltstone grey, at top carb. claystone in the lower part sandstone bands, laminated		
								TOP OF BOX 33	4.17
	148.27	148.49	0.22				Siltstone as above		
						487' / 148.44			
45°	148.49	149.41	0.92				Sandstone grey fine grained with argillaceous bands and laminae fractures filled with CaCO ₃ (45°) plant remains		
	149.41	149.91	0.50				Claystone dark grey, to black, carb, plant remains (well preserved leaves)		
	149.91	151.48	1.57				Sandstone grey to light grey, fine to medium grained, in the lower part siltstone and claystone bands, fractures filled with calcite (32° 42°) partly open with calcite crystals.		
						497' / 151.49			
38°	151.48	152.44	0.96				Sandstone grey to light grey fine to medium gr. laminated siltstone and claystone bands, cross bedded		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7708 SHEET No: 16

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 34	4.23	
	152.44	152.88	0.44				Siltstone grey sandy bands, laminated, plant remains, in the lower part carb., claystone some worm tubes		
	152.88	152.22	0.34				Sandstone light grey fine grained, laminated		
	153.22	154.22	1.00				Claystone dark grey, silty and sandy bands		
	154.22	154.60	0.38				Sandstone light grey, medium grained, silty and coaly bands, laminated		
					507'	154.53			
	154.60	155.14	0.54				Sandstone as above, calcite filled fractures (43°) at base silty		
35°	155.14	156.01	0.87				Claystone dark grey, silty		
	156.01	156.67	0.66				Sandstone light grey, fine to medium gr., calcite filled fractures (perpend. to stratif.)		
							TOP OF BOX 35	4.13	
	156.67	157.55	0.88				Sandstone grey, fine grained, silty and coaly bands, laminated		
					517'	157.58			
	157.55	159.86	2.31				Sandstone light grey, fine to medium gr., silty and coaly bands, occ. sedimentary deformation		
					525'	160.02			
	159.86	160.81	0.95				Sandstone as above in the lower part fine grained, coaly laminae core broken		
							TOP OF BOX 36	4.12	
60°	160.81	163.05	2.24				Sandstone as above, polished surfaces parallel to bedding		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7708 SHEET No: 17

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						535' / 163.07			
	163.05	164.00	0.95			Sandstone	as above, more coaly bands, polished surfaces		
	164.00	164.32	0.32			Claystone	dark grey, silty		
	164.32	164.86	0.54			Siltstone	grey, coal bands, in the lower part grading into very carbonaceous silt and sandstone pyritized tubes		
	164.86	164.92	0.06			Coal	with carb. claystone core broken		
						TOP OF BOX 37			4.07
48°	164.92	165.66	0.74			Sandstone	grey to light grey, fine grained, in the upper part carb., coaly and silty laminae, plant remains		
	165.66	166.02	0.36			Claystone	dark grey, carb., plant remains		
						545.6' / 166.30			
	166.02	166.98	0.96			Claystone	as above, in the lower part silty		
	166.98	168.65	1.67			Sandstone	light grey, medium grained, coaly laminae, silty and argillaceous bands in the upper part, grading into silt and claystone in the lower part, fractures in the middle part partly with thin skins of pyrite a few worm tubes plant remains		
	168.65	168.99	0.34			Claystone	dark grey to black, very carb., in the upper part coal, boney sheared		
						TOP OF BOX 38			4.03
						556' / 169.47			
	168.99	170.74	1.75			Claystone	dark grey, at top coaly claystone sheared core broken in the upper part calcareous (?) zone with rootings (?) a few silty phases, in the lower part very carb., with coal bands at base grading into siltstone		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7708 SHEET No: 18

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
48°	170.74	171.55	0.81				Sandstone	grey, fine grained some medium grained, silty and argillaceous bands, coal streaks		
	171.55	172.14	0.59				Claystone	dark grey coal streaks many plant remains at top and base silty		
					566.6'	172.70				
	172.14	173.02	0.88				Sandstone	grey to light grey in the upper part fine grained with silty bands, at base medium grained, laminated cross bedded, calcite filled fractures (45° 56° 40° preperd. to stratif.)		
								TOP OF BOX 39	4.27	
	173.02	173.37	0.35				Sandstone	as above		
	173.37	175.30	1.93				Siltstone	grey sandy and argillaceous bands laminated slightly disturbed (syn.sed) coal streaks, plant remains at base increase of sandstone bands		
					577.1'	175.87				
	175.30	176.96	1.66				Sandstone	grey, fine grained, many silt and claystone bands coaly lamanae		
	176.96	177.29	0.33				Siltstone	dark grey, carb., coaly streaks plant remains		
								TOP OF BOX 40	4.26	
	177.29	178.05	0.76				Siltstone	grey laminated calcite filled fracture (45° paral bedding)		
					587.1'	178.92				
38°	178.05	180.47	2.42				Sandstone	grey well laminated intercalations of siltstone small crossbed units, at base disturbed by slumping calcareous (?)		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7708 SHEET No: 19

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	180.47	180.87	0.40				Siltstone dark grey, plant remains		
	180.87	181.22	0.35				Sandstone grey fine grained, laminae and bands of siltstone		
	181.22	181.55	0.33		597'	181.97	Sandstone as above		
	181.55	182.00	0.45				Sandstone as above		
	182.00	183.37	1.37				Claystone dark grey, silty phases, at base coal (8 cm) bright and stoney, sheared		
48°	183.37	184.07	0.70				Sandstone grey to light grey, fine grained, plant remains silty bands		
	184.07	184.58	0.51		607'	185.01	Siltstone grey to dark grey, carb., plant remains, at base grading into claystone		
	184.58	185.08	0.50				Coal and Claystone in the upper part coal (bright and stoney) in the middle part very carb. claystone with coal bands, in the lower part coal (12 cm, bright, stoney, dull) sheared core broken.		
	185.08	185.67	0.59				Claystone dark grey to black, many coal bands, plant remains		
	185.67	186.23	0.56				Claystone core loss		
53°	186.23	187.46	1.23				Claystone as above, in the lower part grading into fine grained sandstone		
	187.46	188.10	0.64		617'	188.06	Sandstone grey, fine grained, in the middle part grading into siltstone at base fine to medium grained, argillaceous		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 20

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	188.10	189.11	1.01				Siltstone	grey to dark grey, argillaceous, phases of claystone sandy bands wisps, plant remains bedding disturbed by slumping.		
38°	189.11	190.56	1.45				Claystone	dark grey, silty coal streaks, plant remains, bands of siltstone, bedding slightly disturbed.		
							TOP OF BOX 43		4.15	
						627' /	191.77			
	190.56	190.6					Claystone	as above		
50°	190.69	192.24	1.55				Sandstone	grey to light grey, fine to medium grained, in the upper part grading into siltstone and claystone coaly bands and laminae, a few coal streaks, at base grading into silty claystone, CaCO ₃ filled fractures (+0° subparallel to core axis, 58°)		
	192.24	192.79	0.55				Claystone	silty dark grey, carb. plant remains.		
	192.79	193.60	0.81				Siltstone	grey to dark grey, carb., many bands of claystone, at base grading into fine grained sandstone		
						637' /	194.16			
35°	193.60	194.71	1.11				Siltstone	as above, coal streaks, sandy bands		
							TOP OF BOX 44		4.29	
	194.71	196.66	1.95				Sandstone	grey, fine grained, well laminated, intercalations of siltstone bands and argillaceous laminae, a few coal streaks, occ. bedding disturbed.		
						647' /	197.21			
	196.66	197.70	1.04				Sandstone	as above at base grading into claystone		
40°	197.70	199.00	1.30	0.99			Claystone	dark grey to black, very carb., coal bands many plant remains, sheared, core broken slickensides partly covered with calcite at top silty		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 21

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 45	3.59	
	199.00	199.44	0.44	0.33			Claystone as above, at base core broken and pulverised		
	199.44	199.64	0.20	0.15			Coal and Claystone core heavily broken		
	199.64	200.00	0.36	0.28			Coal and Claystone core missing		
	200.00	200.47	0.47	0.36			Claystone and Coal core missing		
	200.47	201.45	0.98	0.75			Claystone dark grey to black, carb., coal bands, many plant remains, a few iron claystone concretions, at base several coal bands, sheared, core broken.		
						662'/	201.78		
	201.45	202.12	0.67	0.51			Claystone as above at base sheared core broken listric surfaces		
	202.12	202.50	0.38	0.29			Coal poor coal, core missing		
	202.50	202.97	0.47	0.36			Coal poor coal, core missing		
						667'/	203.30		
	202.97	203.52	0.55	0.42			Coal core missing		
	203.52	203.86	0.34	0.26			Coal poor coal core missing		
	203.86	204.55	0.69	0.53			Coal core missing		
						671'/	204.52		
	204.55	204.60	0.05	0.04			Coal sheared, core totaly broken		
	204.60	204.76	0.16	0.12			Coal core missing		
	204.76	294.80	0.04	0.04			Coal dull		
		204.92	0.12	0.09			Coal stoney, core broken		
		205.05	0.13	0.10			Coal dull banded		
		205.23	0.18	0.14			Coal sheared, core broken		
		205.33	0.10	0.08			Coal dull		
		205.78	0.45	0.34			Coal d.l.		
		206.02	0.24	0.18			Coal dull and bright, sheared		
						677'/	206.35		
							TOP OF BOX 46	3.60	
		206.15	0.13	0.10			Coal dull banded		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 22

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	206.15	206.20	0.05	0.04			Coal	dull, core broken		
		206.38	0.14	0.11			"	dull and bright, sheared, core broken		
		206.55	0.17	0.13			"	dull banded		
		206.76	0.21	0.16			"	dull banded, sheared		
		206.84	0.08	0.06			"	d.l.		
		207.06	0.22	0.17			"	dull banded, sheared, core broken		
		207.87	0.81	0.62			"	core missing		
						682'	207.87			
		209.20	1.33	1.02			Coal	dull lustr., partly sheared		
		209.79	0.59	0.45			"	core missing		
						687'	209.40			
		210.08	0.29	0.22			Coal	dull banded		
		210.11	0.03	0.03			"	boney		
		210.58	0.47	0.36			"	bright banded		
		211.02	0.44	0.34			"	dull		
								TOP OF BOX 47	3.98	
		211.40	0.38	0.29			Coal	dull banded		
		211.62	0.22	0.17			"	sheared, core broken		
		212.28	0.66	0.51			"	core missing		
						697'	212.45			
		212.91	0.63				Claystone	dark grey to black, very carb., in the upper part many coal bands, lustric surfaces, plant remains		
						700'	213.36			
		213.11	0.20				Claystone	as above, silty		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 22

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
32 ⁰	213.11	214.40	1.29				Siltstone	grey, laminated, sandy phases, at base grading into silty claystone, polished surfaces parallel bedding partly open, fractures filled with calcite (50° 55° perpend. bedding)		
		215.15	0.75				Claystone	dark grey, plant remains, coal streaks, listric surfaces, at base silty		
						707' / 215.49	Claystone	as above		
		215.66	0.51							
							TOP OF BOX 48		4.19	
		218.15	2.49				Siltstone	grey, in the upper and middle part argillaceous sandy bands, in the upper part bedding slightly disturbed in the lower part well laminated slickensides parallel bedding, calcite filled fractures (subparallel and perpend. to bedding) a few plant remains.		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 24

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						717'/218.54			
40°		218.42	0.27			Sandstone	grey, fine grained with claystone bands calcite filled fractures		
		219.84	1.43			Claystone	dark grey, carbonaceous grading to siltstone at top, a few coal streaks, plant remains in the upper part		
							TOP OF BOX 49	4.41	
		221.20	1.36				as above, grey, grading to fine grained sandstone at base		
44°		224.25	0.05			727'/221.59	Sandstone	grey to light grey, fine to medium grained, siltstone bands and claystone laminae, cross bedded, calcite filled fractures partly open with calcite crystals, fractures perpendicular to stratification, well laminated and small cross bedded units in the lower part	
						737'/244.64			
							TOP OF BOX 50	4.30	
		277.24	2.99				as above many intercalations of dark grey carbonaceous claystone laminated coal streaks, clickensides parallel to stratification, calcite filled fractures		
						747'/277.69			
		228.55	1.31				grey medium grained, many coal laminae and coal streaks		
							TOP OF BOX 51	4.35	
		230.16	1.64				grey to light grey, medium grained, coal bands and laminae, cross bedded.		
						757'/230.73			
		232.90	2.71				as above		
							TOP OF BOX 52	4.22	
30°		233.40	0.50				as above		
						767'/233.78			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 25

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	233.40	234.35	0.95				light grey, medium to coarse grained, grading to conglomerate at base		
		235.48	1.13				Conglomerate pebbles +1.5 cm, light grey, grey and black partly well rounded, mostly chert, interbeds of sandstone in the upper part, grades to sandstone at top, dense packed in the middle and lower part, slickensides at base.		
46°		236.38	0.90				Sandstone light grey medium grained, irregular cracks filled with calcite at top		
		237.12	0.74		777'	236.83	light grey, medium to coarse grained, many coal streaks in lower part		
							TOP OF BOX 53	4.09	
		237.97	0.85				Conglomerate grading to sandstone at top one intercalation of sandstone in the middle part, coal streaks dense packed pebbles, well rounded + 1 cm. black to white chert		
		239.41	1.44		782'	238.35	at top coal matrix medium grained sandstone (30%) well rounded pebbles up to 3 cm. chert black to white		
0°-5°		239.78	0.37		787'	239.88	as above coarse grained sandstone at top		
		241.18	1.40				Claystone dark grey, silty, fine grained sandstone in the middle part, few plant remains		
							TOP OF BOX 54	3.92	
20°		242.40	1.22				Siltstone grey, sandy, well laminated grading to silty claystone at base, carbonaceous, plant remains		
		242.90	0.50		797'	249.93	dark grey grading to carbonaceous claystone slickensides, core broken		
		242.90	0.50		799'	249.54	Coal core missing		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 26

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	243.40	243.60	0.20			Seam # 5 Claystone	dark grey to black, coaly sheared, core broken		
		243.80	0.20			Core loss	claystone		
						803' / 244.75			
	244.10	0.30	0.27			Coal	d.l. core badly broken		
	244.60	0.50	0.45	0259		Core loss	coal		
	244.90	0.30	0.27	3/1/1		Coal	dull and bright sheared		
	245.42	0.52	0.47			Core loss	coal		
		245.82	0.40			Core loss	rock		
		246.81	0.99			Claystone	dark grey, carbonaceous, silty, grades to fine sandstone at base, few coal streaks, slickensides, one fracture filled with calcite perpendicular to bedding (CA=45°)		
						811' / 247.19			
		247.22	0.41			Claystone	dark grey, carbonaceous, compact at top heavily sheared, many listric surfaces		
							TOP OF BOX 55		3.87
		247.31	0.09			as above			
						813' / 247.80	fault?		
		247.47	0.16			as above			
30°		248.45	1.48				dark grey, carbonaceous sheared at top, silty bands, some worm tubes, many calcite filled fractures		
						817' / 249.02			
		250.36	1.41				dark grey, silty sandy bands, calcite filled fractures coal bands at base		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 27

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	250.36	251.09	0.73				Claystone	dark grey, carbonaceous, sheared iron claystone nodules many listric surfaces irregular CaCO ₃ filled fractures		
							<u>TOP OF BOX 56</u>		3.96	
58°	252.04	0.95					as above, coal streaks; many silty laminae and bands plant remains sheared at top			
						827'/252.07				
	253.42	1.38					as above iron claystone layers sandy bands, in centre stratification disturbed in lower part a few coal streaks			
						832'/253.59				
55°	255.05	1.63					as above, sandy at top grades to a dark grey, carbonaceous claystone towards base. many plant remains; one coal band, and a few listric surfaces			
						837'/255.12		<u>TOP OF BOX 57</u>	3.91	
57°	256.55	1.50					Claystone	dark grey, carbonaceous; many coal bands and some iron claystone bands core partially broken listric surfaces		
						842'/256.64				
	257.62	1.07					as above, grading to siltstone at base. lamination slightly disturbed (sedimentary) a few CaCO ₃ filled fractures with slickensides			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 28

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	257.62	258.11	0.49				Sandstone . grey fine grained silty bands and CaCO ₃ filled fractures		
						847' / 258.17			
30°		258.96	0.85				as above light grey, medium grained coaly laminae and whisps CaCO ₃ filled fractures (80°/50°/22°) and irregular veins		
							TOP OF BOX 58	3.98	
36°		259.56	0.60				as above		
						852' / 259.69			
		260.16	0.60				as above		
		260.56	0.40				Claystone dark grey, carbonaceous sheared, core broken; many listric surfaces coal bands		
	260.56	260.80	0.24				Coal bright banded and boney with bright laminae		
		260.89	0.09				Claystone dark grey sheared, listric surfaces slickensided with CaCO ₃ Coal bands		
		261.19	0.30				Core loss rock		
						857' / 261.21			
		262.19	1.00				as above dark grey, carbonaceous at top, in centre and at base occur coal bands (up to 8 cm) sheared at base one calcite filled fracture (30°)		
		262.72	0.53				Core loss claystone and coal		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 29

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						862' / 262.74			
	262.72	263.59	0.87			Sandstone	grey, fine grained few plant remains bedding is disturbed, (sedimentary) CaCO ₃ filled fractures		
							TOP OF BOX 59	4.06	
50°	264.30	0.71					as above grades to silty claystone at base sheared listric surfaces		
						867' / 264.26			
38°	265.96	1.66				Claystone	dark grey, carbonaceous sandy bands in upper part iron claystone bands, plant remains CaCO ₃ filled fractures sub-parallel to stratification		
						872' / 265.79			
	267.47	1.51					as above, with silty phases		
						877' / 267.31			
	267.65	0.18					as above		
							TOP OF BOX 60	4.05	
	268.15	0.50					as above, sheared		
	268.99	0.84				Siltstone	grey, sandy bands grades at top into a silty claystone bedding disturbed (sedimentary) CaCO ₃ filled fractures		
						882' / 268.83			
40°	269.97	0.98				Sandstone	grey, fine grained interbedded with silty claystone laminated CaCO ₃ filled fractures sub parallel to sedimentation		
	270.39	0.42				Claystone	dark grey sheared with many listric surfaces		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 30

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						887' / 270.36			
	270.39	271.70	1.31				as above, grading to siltstone at base		
							TOP OF BOX 61	4.01	
34°	271.94	0.24					Siltstone grey; one coal band at base		
	273.08	1.14					Sandstone grey to light grey; fine grained, intensively fractured fractures filled with CaCO ₃		
	273.47	0.39					Siltstone grey, sandy bands, at top have irregular fractures filled with CaCO ₃		
						897' / 273.41			
	274.87	1.40					Claystone dark grey to black, carbonaceous, plant remains, silty phases coal streaks and CaCO ₃ filled fractures		
						902' / 274.93			
	275.71	0.84					as above, sheared in top half, coal bands at base		
							TOP OF BOX 62	4.07	
	276.43	0.72					as above, coal bands at top, clay ironstone bands		
						907' / 276.45			
20°	277.85	1.42					as above sandy at centre		
						9.12' / 277.97			
	279.44	1.59					Claystone dark grey, silty carbonaceous, coal streaks, grades to siltstone towards base, fractures (partly open) filled with CaCO ₃ laminated		
						917' / 279.50			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 31

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
32°	279.44	279.78	0.34				Siltstone	grey laminated		
								TOP OF BOX 63	4.12	
		279.88	0.10					Core loss		
8°		280.95	1.07				Claystone	dark grey, carbonaceous at top silty grading into siltstone plant remains, slickensides, calcite filled fractures		
					922'	281.03				
10°		282.50	1.55					as above, silty bands in lower part		
					927'	282.55				
+90°		284.00	1.50					as above, bedding nearly vertical calcite filled fractures (CA = 5°, 48°, 60°, 10°)		
								TOP OF BOX 64	4.08	
					932'	284.07				
50°		285.57	1.57					as above, iron claystone bands, convolute bedding slickensides subparallel to bedding		
					937'	285.60				
		286.60	1.03					as above, coal bands, sheared, slickensides listric surfaces, very carbonaceous at base, many coal streaks, 10 cm. coal stoney		
								core loss		
		287.12	0.52		942'	287.12				
45°		288.60	1.48				Sandstone	grey to light grey, fine grained, silty bands		
								TOP OF BOX 65	4.10	
	288.60	288.68	0.08					as above		
					947'	288.65				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 32

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
40 ⁰	288.68	290.17	1.49				Sandstone grey to light grey medium to fine grained, silty bands at base grading into sandy siltstone, calcite filled fractures few slickensides		
						952'/290.17			
35 ⁰	291.68		1.51				grey, fine grained intercalations of medium grained sandstone and siltstone		
						957'/291.69			
	292.70		1.20				as above, grading into sandy siltstone at base		
	292.92		0.22				Core loss		
							TOP OF BOX 66	4.11	
	293.22		0.30				Siltstone grey, grading into claystone, carbonaceous, plant remains		
						962'/293.22			
60 ⁰	294.80		1.58				grey at top grading into claystone in the lower part, sandstone bands, claystone intercalations in the middle part		
						967'/294.74			
	296.29		1.49				grey claystone bands, grading into sandstone in the lower part, coal bands, plant remains fractures filled with calcite (? inverted bedding)		
						972'/296.27			
	297.03		0.74				Sandstone grey to light grey, fine to medium grained, calcite filled fractures, joint lamination		
							TOP OF BOX 67	3.92	
55 ⁰	297.03	297.83	0.80				Claystone grey, iron claystone bands grades to silty claystone at base, calcite fractures at top		
						977'/297.79			
70 ⁰	299.32		1.49				Silt claystone grey, siltstone bands, coal streaks calcite filled fractures, carbonaceous in lower part		
							plant remains bedding disturbed		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 33

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						982' / 299.31			
		300.15	0.83			Claystone	dark grey irregular coal streaks core badly broken, sheared listric surfaces, brecciated in the middle and lower part, sedimentation to tally disturbed		
60°		300.94	0.80			Sandstone	grey, fine grained (? bedding inverted)		
						987' / 300.84			
65°		302.35	1.41			Siltstone	grey, claystone and sandstone bands, laminated lamination partly disturbed, worm tubes, coal streaks, slickensides partly covered with calcite	4.24	
							TOP OF BOX 68		
70°		303.90	1.55				as above, fine grained sandstone in centre		
						997' / 303.89			
58°	303.90	304.09	0.19				as above, graded bedding shows inversed bedding		
		305.41	1.32				as above		
65°		307.00	1.59			1002' / 305.41	as above partly calcite covered slickensides parallel to stratification		
						1007' / 306.93	as above		
		308.41	1.41						
						1012' / 308.46	as above, lamination partly disturbed		
							TOP OF BOX 70	3.92	
		309.98	0.56				as above, grading into silty claystone		
65°		311.48	1.50			1017' / 309.98	Claystone		
							dark grey, silty bands, carbonaceous grading into siltstone at base coal streaks, lamination partly disturbed, slickensides covered with calcite parallel to stratification (25°)		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 34

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						1022'/311.51			
		313.11	1.63			Siltstone	grey to dark grey, coal streaks, carbonaceous sandy bands, bedding disturbed in the middle part		
60°		313.34	0.23			1027'/313.03	as above, slickenside parallel to stratification		
							TOP OF BOX 71	4.04	
62°	313.34	314.43	1.09			1032'/314.55	as above, sandy bands, coal streams		
		316.00	1.60			1037.316.08	as above calcite filled fractures in the lower part, slickensides, core broken		
		316.40	0.40				as above, core broken		
		317.60	1.00				Core loss		
72°		318.35	0.95			1042'/317.60	as above, core broken at top sandy at base		
							TOP OF BOX 72	3.88	
		318.96	0.67				Sandstone	grey, fine to medium grained, many silty bands, core broken at top, calcite filled fractures	
						1047'/319.13	as above		
		320.57	1.55			1052'/320.65			
72°		322.10	1.60				grey to light grey, fine to medium grained fractures filled with calcite (partly open) subparallel and perpendicular to stratification, grading into fine grained silty sandstone at base, core broken in the middle part		
		322.32	0.12			1057'/322.17	grey, fine grained, silty		
							TOP OF BOX 73	4.11	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 35

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	322.42	323.63	1.41				as above		
						1062'	323.70		
		325.18	1.55				as above, calcite filled fractures in the middle part, core broken, slickensides		
						1967'	325.22		
72°		326.33	1.15				as above, grading into medium grained sandstone		
							TOP OF BOX 74	4.05	
		326.72	0.39			1072'	326.75		
							grey fine grained, silty laminated slickensides parallel to stratification calcite filled fractures		
		328.27	1.55			1077'	328.27		
		329.78	1.51				as above		
						1082'	329.79		
65°		330.38	0.60				as above grades to medium grained sandstone at base		
							TOP OF BOX 75	4.03	
		331.30	0.92				as above		
						1087'	331.32		
	331.30	332.17	1.47			Claystone	dark grey, silty, carbonaceous, many plant remains in part well preserved, slickensides, listric surfaces core broken at base calcite filled fractures (partly open with calcite crystals)		
						1092'	332.84		
50°		334.26	1.49				as above with siltstone bands, coal streaks		
						1097'	334.37		
		334.41	0.15				as above		
							TOP OF BOX 76	4.05	
		335.29	0.88				dark grey to black very carbonaceous sheared many listric surfaces, coal bands, core broken		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 36

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
50°	335.29	335.49	0.20				Breccia grey to light grey, brecciated sandstone medium grained silty and coaly matrix, sandstone fragments 0.5 cm to 8 cm. irregular cracks filled with calcite		
						1102'/335.89			
		337.11	1.62				Sandstone light grey medium grained, many irregular calcite filled fractures, partly open with crystals, bedding disturbed tectonically at top		
						1107'/337.41			
78°		338.46	1.35				as above		
							TOP OF BOX 77	3.97	
		338.58	0.12				as above		
		340.10	1.52			1112'/338.94	as above few calcite filled fractures		
						1117'/340.46			
52°		341.64	1.54				as above, brecciated with calcite filled fractures (partly open) at base		
						1122'/341.99	as above, brecciated at top		
							TOP OF BOX 78	3.84	
50°		343.25	0.82				as above		
						1127'/343.51	as above, grades to silty claystone at base		
		344.69	0.58				Claystone dark grey, carbonaceous coal bands sheared listric surfaces, plant remains, calcite filled fractures in the middle part, silty at top		
						1132'/345.03			
40°		346.27	1.58				grey to dark grey, carbonaceous silty many calcite filled fractures in the middle part, phases of siltstone laminated		
						1137'/346.56			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 37

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 79		3.27
36°	346.27	346.80	0.53				Claystone	dark grey, carbon., coal bands, silty bands, sheared core broken, plant remains, listric surfaces	
		347.18	0.38	0.31	0259 2/3/1	2/3/1	Coal	dull banded, sandstone intercalations, boney bands, core broken, sheared, sandstone at base (10 cm)	
		347.28	0.10	0.08		1142'/348.08	Sandstone	sandstone at base (10 cm)	
		348.13	0.85	0.69	2/2/1		Coal & claystone	interbedded, sheared, core broken stoney bands	
		348.81	0.68	0.55			Coal	core loss	
						1147'/349.61			
		349.80	0.99	0.80			Coal	core loss	
		350.33	0.53	0.39			Coal and Claystone	sheared core loss	
					2/1/1	1152'/351.13			
		351.45	1.12	0.82			Coal and Claystone	sheared core loss	
						1156'/352.35			
		353.28	1.83	0.34	0256		Coal	sheared core loss	
						1162'/354.18			
		353.51	0.23	0.15			Coal	sheared core loss	
		353.86	0.34	0.22			Coal	core loss	
		354.36	0.50	0.32			Coal	bright banded, core broken	
		355.08	0.72	0.46			Coal and claystone	core loss	
50°		355.28	0.20				Claystone	dark grey, carbon., silty at base	
						1166'/355.40			
		355.78	0.50				Claystone	dark grey, silty coal bands, many plant remains	
							TOP OF BOX 80		4.10
		356.61	0.83				Claystone	grey, silty grading to siltstone plant remains	
						1171'/356.92			
		357.09	0.48				Siltstone	grey, grading to silty claystone	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 38

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	357.09	358.20	1.11				Claystone	dark grey, carbonaceous, plant remains, coal bands, calcite filled fractures, few plant remains		
						1176'	358.44			
	358.57		0.37					as above		
	359.01		0.44					dark grey, silty, grades to sandstone		
	359.68		0.67				sandstone	grey medium grained, laminated calcite filled fractures coal laminae		
						1181'	359.97			
	359.84		0.16					as above		
								TOP OF BOX 81	4.19	
	361.20		1.36					as above laminated in the upper part disturbed tectonically in the middle and lower part, brecciated many irregular calcite filled fractures, few coal bands, slickensides, <u>changing from overturned to upright bedding</u>		
40°						1186'	361.49			
						1191'	363.02			
	362.83		1.63	1.24				as above, only slightly tectonically disturbed, silty phases		
	364.00		1.20	0.91				as above, light grey, bedding becomes vertical at base		
						1196'	364.54			
								TOP OF BOX 82	3.96	
90°	364.81		0.81	0.16				as above <u>vertical bedding</u> at top, middle and lower part tectonically disturbed many calcite filled fractures, open fractures at base with calcite crystals		
45°	365.91		1.10	0.77				as above well laminated, coaly laminae		
						1201'	366.06			
	367.45		1.54	1.00				as above		
						1206'	367.77			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 39

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	367.45	367.96	0.51	0.39			as above		
							TOP OF BOX 83	4.14	
		368.90	0.94	0.72			light grey, medium grained, well laminated		
35°		370.07	1.17	0.95		1211' / 369.30	as above, fine grained at base		
		370.49	0.42				Siltstone grey, sandy and coaly bands, laminated		
						1216.6' / 370.82			
		370.85	0.36				as above, grading to silty calystone at base		
40°		372.10	1.25				Claystone dark grey silty carbonaceous few plant remains calcite filled fractures at top and base sub parallel to bedding (50°)		
							TOP OF BOX 84	4.06	
		372.30	0.20				Core loss rock		
						1222' / 372.47			
		373.85	1.55				Claystone as above		
						1227' / 373.99			
70°		375.19	1.34				as above		
						1232' / 375.51			
		376.36	1.17				as above		
							TOP OF BOX 85	4.13	
		376.80	0.44				as above		
						1237' / 377.04			
		378.22	1.42				as above, bedding disturbed		
						1242' / 378.56			
35°		379.85	1.63				as above		
						1247' / 380.09			
50°		380.49	0.64				as above		
							TOP OF BOX 86	3.78	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 40

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY			
	From	To	Thick.	True				m.Rec.	%		
35°	380.49	381.27	0.78	0.50			Claystone	as above grades to carbonaceous claystone in lower part coal bands plant remains			
		382.00	0.73	0.46		1252'	381.61	Claystone	as above, well preserved plant remains		
		382.73	0.28	0.17				Coal and Claystone	core broken, pulverized		
		383.25	0.97	0.79				Coal	core loss		
		384.10	0.85	0.54		1257'	383.13	Claystone	dark grey to black, very carbonaceous, coal bands, sheared listric surfaces		
		385.17	1.07	0.68		1262'	384.66	Coal	sheared, core broken, partly pulverized		
		385.32	0.15	0.10				Coal	dull banded		
		386.34	1.02	0.72				Coal	poor coal, sheared, core loss		
		386.74	0.40	0.28		1266'	385.88	Coal	d.l. banded		
		387.19	0.45	0.31		1272'	387.71	Coal	sheared core broken, partly pulverized		
		387.80	0.61	0.43				Coal	sheared, core loss		
		388.40	0.60	0.42		1274'	388.32	Coal	sheared, core broken, partly pulverized		
		389.00	0.60	0.42				Coal and Claystone	core loss		
		389.60	0.60	0.42		1277'	389.23	Claystone	core loss		
		390.11	0.50	0.36		1279.	389.84	Claystone	dark grey to black, carb., grading to silty claystone sandy at base.		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 41

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	390.11	390.47	0.36	0.27			Claystone dark grey, silty plant remains		
45°		391.75	1.01				Sandstone grey, fine grained, calcareous? compact		
		391.95	0.20				as above		
					1285'	391.67			
		393.57	1.62				as above, silty bands, one claystone band with coal in the upper part		
					1290'	393.19			
37°		395.14	1.57				as above, many calcite filled fractures in the upper part, core broken, claystone and coal band in the lower part, grades to silty claystone at base		
					1295'	394.72			
		395.84	0.70				Sandstone grey, fine grained, grading to silty claystone at top, laminated		
							TOP OF BOX 89		4.04
		396.69	0.85				as above grey, fine grained, silty claystone bands		
					1300'	396.74			
33°		398.29	1.60				as above, with bands of medium grained sandstone		
					1305'	397.76			
		399.88	1.59				as above		
					1310'	399.29			
							TOP OF BOX 90		4.22
35°		401.40	1.52				grey, fine grained, well laminated, interbeds of sand clay & silt		
					1315.6'	400.99			
		403.00	1.60				as above		
					1321'	402.64			
		404.10	1.10				as above		
		404.63	0.53				as above		
					1326'	404.16		TOP OF BOX 91	3.96

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 42

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	404.63	404.93	0.30				as above, grading to claystone		
		405.92	0.99				Claystone dark grey, carbonaceous, plant remains, coal bands		
						1331'/	405.69		
		406.39	0.47				as above, core broken, grades to fine grained sandstone at base		
33 ⁰		407.57	1.18	0.98			Sandstone grey to light grey, fine grained at top grading to siltstone in the upper part, irregular calcite filled fractures, medium grained phases in the middle, grades to siltstone at base		
						1336'/	407.40		
		408.06	0.49	0.41			Claystone dark grey, silty in upper part		
							TOP OF BOX 92	4.04	
		408.16	0.10	0.08			as above		
		408.40	0.24	0.20			Coal bright banded		
		408.57	0.17	0.14			sheared, core pulverized		
		408.77	0.20	0.10			d.l.		
					1/1/1				
		409.08	0.31	0.25	0251		d.l. banded		
						1342'/	409.04		
		409.33	0.25	0.20			Coal and claystone core broken		
		409.62	0.29	0.23			Coal d.l. banded, core partly broken		
		410.37	0.75	0.61			Claystone dark grey to black, very carbonaceous, coal bands plant remains		
						1347'/	410.57		
		411.76	1.39				Sandstone grey to light grey, medium grained, few calcite filled fractures		
						1352'/	412.09		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7708 SHEET No: 43

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	411.76	412.10	0.34				as above		
							TOP OF BOX 93	4.13	
		413.25	1.15				as above calcite filled fractures, partly open calcite partly pulverized, slickensides		
43°					1357'	413.61	as above, worm burrows, mottled		
					1362'	415.14			
		416.23	1.63				as above, few coal streaks, phases of coarse grained sandstone		
					1367'	416.66			
							TOP OF BOX 94	4.38	
		417.70	1.42				as above		
45°					1372'	418.19	as above		
		419.29	1.59						
35°					1377'	419.71	as above, few claystone bands		
		420.66	1.37						
							END OF HOLE		

SAXON PROJECT (SAXON EAST)

HOLE NO. SD 7709 BEARING _____ ANGLE 90° TOTAL DEPTH 236.22

COORDINATES 6022179.6 N 690573.4 E COLLAR ELEVATION 1374.3

Seam No. 1 Elevation of Seam (Base) 1158.8

Seam Interval: 208.20 - 215.53

True Thickness of Mining Section: 6.00 Coal 5.50 Coal _____

Rock 0.50 Rock _____

Core Recovery: 92 % _____ %

INTERSEAM THICKNESS: 18.7

Seam No. 2 Elevation of Seam (Base) 1189.4

Seam Interval: 176.83 - 184.85

True Thickness of Mining Section: 6.41 Coal 5.21 Coal _____

Rock 1.20 Rock _____

Core Recovery: 82 % _____ %

INTERSEAM THICKNESS: 75.91

Seam No. 4 Elevation of Seam (Base) 1304.6

Seam Interval: 64.04 - 69.68

True Thickness of Mining Section: 4.61 Coal 4.29 Coal _____

Rock 0.32 Rock _____

Core Recovery: 82 % _____ %

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness of Mining Section: _____ Coal _____ Coal _____

Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS:

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 1

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: VERTICAL LOGGED BY: G. JORDAN CORE SIZE: HQ



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	0.00	3.35					not core-casing		
							<u>TOP OF BOX 1</u>		
						11'/3.35			
55°	3.35	4.45	1.10				Sandstone		
	4.45	4.95	0.50				light grey, fine grained, wavy, irregular bedding, Core loss		
	4.95	5.01	0.06				base broken core		
							Claystone		
							dark grey, coal stringer at base		
	5.01	50.7	0.06				as above, core broken		
	5.07	5.20	0.13				as above		
						16'/4.88			
50°	5.20	5.71	0.51				as above, core broken, FeO stained		
	5.71	5.87	0.16				as above, core highly broken and pulverized		
						19'/5.79			
	5.87	6.19	0.32				Claystone		
							medium grey, upper half solid, broken at lower half, coal stringer and slickensides		
						22'/6.70			
40°	6.19	6.65	0.46				Claystone		
							dark, carbonaceous with coal stringers listric surface, slickenside with calcite, core broken		
	6.65	6.90	0.25				Core loss		
	6.90	7.33	0.43				Sandstone		
							light grey thin grained, oxidized FeO stains with calcite stringers		
50°	7.33	7.79	0.46				Claystone		
							light grey, with calcite stringers oxidized FeO stained, core broken		
						27'/8.23			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 2</u>		
40°	7.79	7.98	0.19				Claystone as above, with thin carbonaceous bands		
						29'/8.84			
	7.98	8.50	0.52				Claystone as above, with FeO stains oxidized along fractures		
35°	8.50	8.95	0.45				Sandstone med. grey fine grained with calcite filled fracture		
						33'/10.06			
45°	8.95	10.52	1.57				as above with same claystone bands		
						38'/11.58			
50°	10.52	11.84	1.32				as above light grey, at 0.19 m. 50' calcite filled fracture with coal stringers		
							<u>TOP OF BOX 3</u>		
						42'/12.80			
55°	11.84	12.68	0.84				as above with minor claystone interbedds basal contact irregular		
45°	12.68	13.35	0.67				Claystone med. grey with same sandy bands and very thin kaolinite		
						47'/14.33			
	13.35	14.13	0.78				as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
45 ⁰	14.13	14.90	0.77				Sandstone	light grey, medium grained with thin carbonaceous laminations, with calcite tringers		
						52'/15.85				
45 ⁰	14.90	15.89	0.99					as above		
	15.89	16.39	0.50				Sandstone	<u>TOP OF BOX 4</u> light grey, medium grained with carbonaceous laminations, coal stringer fractures		
						57'/17.37				
	16.39	16.49	0.10				Sandstone	as above		
	16.49	17.88	1.39				Claystone	massive light grey at the base broken core		
	17.88	18.67	0.79					as above		
						62'/18.90				
42 ⁰	18.67	19.37	0.70				Claystone	light grey with carbonaceous bands		
						67'/20.42				
	19.37	19.97	0.60				Claystone	as above		
								<u>TOP OF BOX 5</u>		
43 ⁰	19.97	20.78	0.81				Claystone	as above		
						72'/21.95				
40 ⁰	20.78	21.30	0.52					as above		
	21.30	22.18	0.88				Claystone	as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 4

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	22.18	22.25	0.07				Coal dull band		
	22.25	22.32	0.07				Coal bright and dull bands		
	22.32	22.38	0.06				Coal bright		
						77'/23.47			
	22.38	22.76	0.38				Siltstone light grey with carbonaceous bands and grading into sandstone		
40°	22.76	23.19	0.43				Sandstone light grey with carbonaceous bands fine grained 0.20 m. with medium grained at the base		
42°	23.19	23.66	0.47				Claystone light grey massive		
	23.66	23.76	0.10				Claystone as above, highly broken core		
	23.76	23.96	0.20				Core loss		
	23.96	24.16	0.20				Claystone light grey with small coal stringers at the base		
						82'/25.00			
52°	24.16	24.49	0.39				Sandstone light grey, medium grained, with carbonaceous bands, CaCO ₃ stringers at the base		
							TOP OF BOX 6		
	24.49	24.79	0.30				Sandstone as above, grading into siltstone		
	24.79	25.15	0.35				Siltstone light grey 0.10 m. of top is stringer of dull coal thick 0.02 m. broken core		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
42°	25.15	25.55	0.40				Claystone with coal stringers slickenside at base		
						87'/26.52			
	25.55	26.52	0.97				Claystone dark grey, massive, grading into siltstone good core		
	26.52	27.10	0.58				Siltstone light grey, massive		
						92'/28.04			
	27.10	27.64	0.54				Claystone light grey with carbonaceous bands and interbedded sandstone at the base		
40°	27.64	28.25	0.61				Sandstone light grey, coarse grained, coal wisps coal good core		
	28.25	28.38	0.13				Coal dull and bright		
						97'/29.57			
	28.38	28.57	0.19				Claystone dark grey, with coal stringers at the top		
							<u>TOP OF BOX 7</u>		
	28.57	28.87	0.30				Siltstone medium grey, irregular bedding		
	28.87	29.13	0.26				Claystone grey with inclusion of coal grading into siltstone		
	29.13	29.37	0.24				Siltstone medium grey with interbedding of claystone irregular bedding		
45°	29.37	29.89	0.52				Sandstone light grey, medium grained, bedding good core, with carbonaceous laminae		
						102'/31.09			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 6

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	29.89	30.19	0.30				Sandstone light grey, fine grained, bedded and crossbedded at top			
40°	30.19	30.35	0.16				Sandstone light grey, medium grained, with carbonaceous laminae			
	30.35	31.55	1.20				Sandstone grey, medium grained, with carbonaceous bands			
40°	31.55	32.22	0.67				Siltstone medium grey, bedding grading into sandstone			
	32.22	32.70	0.48				Sandstone light grey, medium grained, grading into coarse sandstone			
35°	32.70	32.77	0.07				Sandstone light grey, coarse grained bedding			
							<u>TOP OF BOX 8</u>			
46°	32.77	32.95	0.18				Sandstone as above			
	32.95	33.36	0.41				as above			
50°	33.36	34.26	0.90				Sandstone light grey, coarse grained bedding			
45°	34.26	34.56	0.30				Sandstone dark grey with carbonaceous lamination			
						117' / 35.66				
	34.56	35.21	0.65				Sandstone fine grained, dark grey, slickensided, at top grading into coarse sandstone			
	35.21	35.64	0.43				Sandstone light grey, coarse grained, bedding good core			
	35.64	36.14	0.50				Sandstone dark grey, medium grained, bedding			
	36.14	36.35	0.21				Sandstone as above and light grey			
50°	36.35	36.96	0.61				Sandstone light grey, coarse grained, bedding good core			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 9		
	36.96	37.66	0.70				Sandstone as above		
						127'/38.71			
	37.66	37.82	0.16				Sandstone as above grading into siltstone		
50°	37.82	39.02	1.20				Siltstone medium grey, bedding with carbonaceous laminations		
						132'/40.23			
	39.02	39.62	0.60				Claystone dark grey with few coal stringers at the top good core		
	39.62	39.79	0.17				Claystone as above and broken core		
	39.79	40.57	0.78				Claystone dark grey, massive		
						137'/41.76			
	40.57	41.24	0.67				Claystone as above with bands of CaCO ₃ at the base		
							TOP OF BOX 10		
	41.24	41.34	0.10				Claystone dark grey, massive		
						140'/42.67			
	41.34	41.68	0.34				Claystone dark grey, bedding at base good core		
	41.68	42.35	0.67				Claystone dark grey slickensides at top, stringers of		
	42.35	43.20	0.85				Core loss bright coal, penny bands, core broken		
	43.20	43.54	0.34				Claystone dark grey, irregular bedding		
						145'/44.20			
	43.54	43.69	0.15				Claystone as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
42°	43.69	46.29	2.60				Siltstone	sandy, numerous interbeddes plus phases of grey claystone and interbedded, of fine grained light grey, sandstone bedding disturbed		
	46.29	46.41	0.12				Sandstone	fine grained, light grey lithic numerous of grey sandy siltstony throughout		
						150' / 45.71				
	46.41	47.43	1.02					calcite filled joint at top C.A. approximately 37° to perpendicular bedding		
								<u>TOP OF BOX 11</u>		
	47.43	47.92	0.49							
						155' / 47.24				
	47.92	48.02	0.10							
20°	48.02	49.19	1.17				Sandstone	medium grained, light grey, lithic, occasional coaly wisps throughout		
	49.19	49.48	0.29				Sandstone	fine grained, light grey lithic, numerous interbeds of grey siltstone and light grey claystone or graded units, sedimentary breccia of sandstone and siltstone at base crossbedded in centre, bedding disturbed by worm burrows at top		
						161' / 49.07				
	49.48	49.81	0.33							
	49.81	50.32	0.51				Siltstone	grey, sandy numerous interbeds of light grey sandstone throughout bedding usually irregular flame structures at lower contact of sandstone		
	50.32	51.04	0.72							
						166' / 50.60				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 9

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	51.04	51.76	0.72				Siltstone as above		
	51.76	51.88	0.12				Sandstone medium grained, light grey lithic, coaly wisps		
						171' / 52.12			
47°	51.88	51.96	0.09				Siltstone grey, numerous of grey claystone interbeds		
	51.96	52.93	0.97						
	52.93	53.39	0.46						
						176' / 53.64			
	53.39	54.49	1.10				Sandstone medium grained, light grey, lithic, coaly wisps throughout and claystone cementation in some places		
	54.49	54.87	0.38				Sandstone fine grained, light grey, numerous interbeds and phases of grey siltstone in phases calcite filled joint near base CA=38° and approximately perpendicular bedding		
						181' / 55.17			
	54.87	55.19	0.32						
							TOP OF BOX 13		
	55.19	56.07	0.88				Sandstone fine grained, light grey, lithic, fine coaly wisps throughout one calcite filled fracture at centre axis 30° approximately 90° bedding		
	56.07	56.48	0.41				Siltstone grey with numerous interbedds of light grey sandstone plus thin laminations of dark grey claystone in lower, half bedding vertical near base slump structure		
						186' / 56.69			
	56.48	57.39	0.91				Sandstone light grey, medium grained, lithic irregular bedding near centre and sed. breccia, coaly wisps in lower half		
	57.39	59.47	2.08						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 10

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		EYE SAMPLE NUMBER 9-4-	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 14		
	59.47	59.60	0.13						
						196' / 59.74			
	59.60	59.86	0.26		1 1/2				
	59.86	61.09	1.23		2 1/2	Siltstone	grey numerous interbedded of grey claystone and phases of medium grey fine grained sandstone with coaly wisps irregular top contact, calcite filled joints spaced 0.25 m. apart C.A. approximately 47° to perpendicular bedding		
					To				
					7 1/2	201' / 61.26			
35°	61.09	61.34	0.25		8 1/2				
	61.34	61.92	0.58		9 1/2	Claystone	carbonaceous grey, interbedded with grey siltstone forming thin laminations grades to units above or below		
					10 1/2				
					To				
	61.92	63.59	1.67	1.37	15 1/2	Claystone	carbonaceous on few grey siltstone interbedded towards centre, thin coaly bands at base slickensided along bedding planes for top .3m.		
					16 1/2				
					17 1/2				
							TOP OF BOX 15		
	63.59	64.04	0.45	0.37					
						212.5' / 64.77			
	64.04	64.16	0.12	0.10		Coal	boney		
					19				
	64.16	64.22	0.06	0.05		Coal	dull		
	64.22	64.26	0.04	0.03	X	Core loss	coal		
	64.26	64.40	0.14	0.11	19	Coal	boney		
	64.40	64.72	0.32	0.26	X	Core loss	coal and rock		
	64.72	64.80	0.08	0.07	20	Coal	plus claystone interbedded		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 11

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	64.80	64.85	0.05	0.04	21		Coal	d.l.		
	64.85	64.91	0.06	0.05			Coal	d.l. banded		
	64.91	65.15	0.24	0.20	22		Coal	d.l.		
	65.15	65.21	0.06	0.05			Coal	d.l. banded		
	65.21	65.35	0.14	0.11	23		Coal	d.l. and bright		
	65.35	65.45	0.10	0.08			Coal	d.l. banded		
	65.45	65.57	0.12	0.10	24		Coal	d.l.		
	65.57	65.65	0.08	0.07			Coal	d.l. and bright		
	65.65	65.73	0.08	0.07	25		Coal	d.l.		
	65.73	65.80	0.07	0.06			Coal	d.l. and bright		
	65.80	65.93	0.13	0.11	26		Coal	d.l.		
	65.93	65.99	0.06	0.05			Coal	dull		
	65.99	66.04	0.05	0.04	27		Coal	bright banded		
	66.04	66.16	0.12	0.10			Coal	d.l.		
	66.16	66.27	0.11	0.09	28		Coal	d.l. banded		
	66.27	66.35	0.08	0.07			Coal	d.l.		
					29					

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 12

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		G-YE SAMPLE NUMBER 9-4-	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	66.35	66.54	0.19	0.16	30		Coal	d.l. and bright, sheared		
	66.54	66.65	0.11	0.09			Coal	bright banded, sheared		
	66.65	66.71	0.06	0.05	X		Coal	core loss		
	66.71	66.78	0.07	0.06	31		Coal	d.l. and bright		
	66.78	66.87	0.09	0.07			Coal	d.l.		
	66.87	66.94	0.07	0.06	32		Coal	d.l. banded		
	66.94	67.09	0.15	0.12	33		Coal	d.l.		
	67.09	67.21	0.12	0.10			Coal	d.l. and bright sheared		
	67.21	67.30	0.09	0.07	34		Coal	d.l. banded		
	67.30	67.34	0.04	0.03			Coal	d.l. and bright		
	67.34	67.39	0.05	0.04	35		Coal	d.l. banded		
	67.39	67.53	0.14	0.11			Coal	d.l. and bright		
	67.54	67.58	0.05	0.04	36		Coal	d.l. banded		
	67.58	67.70	0.12	0.10			Coal	d.l. bright		
	67.70	67.73	0.03	0.02	36		Coal	dull		
	67.73	67.78	0.05	0.04			Coal	d.l. bright		
	67.78	67.81	0.03	0.02			Coal	dull		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 13

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		CYE SAMPLE NUMBER 9-4- 37	MARKER	DESCRIPTION	RECOVERY			
	From	To	Thick.	True				m.Rec.	%		
	67.81	67.91	0.10	0.08	37		Coal	d.l. bright			
	67.91	68.02	0.11	0.09		38		Coal	d.l.		
	68.02	68.15	0.13	0.11		39		Coal	d.l. and bright		
					40						
	68.15	68.21	0.06	0.05	41		Coal	d.l. and bright			
	68.21	68.35	0.14	0.11				Coal	d.l.		
	68.35	68.40	0.05	0.04	X		Coal	d.l. and bright			
	68.40	68.88	0.48	0.39				Core loss	coal		
	68.88	68.93	0.05	0.04	42		Coal	boney			
	68.93	68.99	0.06	0.05				Coal	d.l.		
	68.99	69.02	0.03	0.02	43		Coal	dull			
	69.02	69.08	0.06	0.05				Coal	d.l. banded		
	69.08	69.10	0.02	0.01				Coal	d.l. and bright		
	69.10	69.13	0.03	0.02	44		Coal	d.l.			
	69.13	69.20	0.07	0.06			228.5 / 69.65	Coal	d.l. sheared		
	69.20	69.46	0.26	0.21	45		Coal	sheared			
	69.46	69.55	0.09	0.08	46		Core loss	coal			
	69.55	69.65	0.10	0.09	X		Coal	d.l. sheared			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 14

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	69.65	69.68	0.03	0.02			Coal	d.l. and bright sheared		
	69.68	69.76	0.08	0.07			Claystone	carbonaceous, black, sheared, coaly inclusions throughout		
	69.76	70.66	0.90	0.74		230'/70.10	Claystone	grey, coaly inclusions, at top grades to unit below		
	70.66	71.41	0.75	0.61			Sandstone	fine grained, medium grey, lithic irregular coal bands inclusions throughout, phases of grey siltstone		
48°	71.41	71.65	0.24			236'/71.93 Core loss	Claystone	dark grey, with interbeds of grey siltstone, forming thin graded units, and few coal bands towards base		
	71.65	72.33	0.68				Claystone	dark grey several coaly bands and few very thin grey siltstone interbeds		
	72.33	72.79	0.46							
								TOP OF BOX 17	4.25	
	72.9	73.15	0.36			241'/73.46				
	73.15	74.73	1.58							
	74.37	74.98	0.25			246'/74.98				
	74.98	75.17	0.19				Sandstone	medium grained, light grey lithic irregular contacts at top and base includes irregular phase of grey siltstone		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 15

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
41°	75.17	76.12	0.95				Siltstone grey with numerous interbeds of dark grey sandstone forming graded units		
						250' / 76.20			
	76.12	77.06	0.94						
							TOP OF BOX 18	4.15	
						253' / 77.11			
	77.06	78.10	1.04						
	78.10	78.48	0.38				Claystone dark grey, bright coal bands, carbonaceous at top		
						259' / 78.94			
	78.48	78.69	0.21						
	78.69	79.24	0.55				Siltstone grey		
	79.24	79.53	0.29				Sandstone medium grey, medium grained, irregular contact at top, coaly wisps, numerous grey siltstone phases throughout		
						262' / 79.86			
	79.53	81.02	1.49						
						267' / 81.38			
	81.02	81.21	0.09						
							TOP OF BOX 19		
	81.21	82.54	1.33						
						272' / 82.91			
	82.54	83.83	1.29						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 16

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						277'/84.43			
50°	83.83	85.39	1.56						
						282'/85.95			
							TOP OF BOX 20	4.32	
	85.39	86.81	1.42						
						287'/87.48			
	86/81	88.27	1.46						
	88.27	88.33	0.06						
						292'/89.00			
	88.33	89.72	1.39						
							TOP OF BOX 21	4.26	
	89.72	89.83	0.11						
						297'/90.53			
	89.83	90.58	0.75			Sandstone	medium grained light grey lithic coaly wisps throughout, grades to contacts a top and base, crossbedded		
	90.58	90.90	0.32			Sandstone	fine grained, medium grey lithic, fine interbeds		
	90.90	91.26	0.36			Siltstone	of grey siltstone towards base with thin interbeds of grey claystone forming graded units and phases of fine grained sandstone		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 17
 DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						302'/92.05			
	91.26	92.83	1.57						
						307'/93.57			
	92.83	93.31	0.48						
	93.31	93.97	0.66			Claystone	black, carbonaceous some interbeds of grey siltstone near the top		
							TOP OF BOX 22	4.08	
	93.97	94.39	0.42						
	94.39	95.36	0.97			312'/95.10			
	95.36	95.70	0.34						
30°	95.70	97.56	1.86			Sandstone	medium grained, grey, lithic interbeds of grey siltstone and claystone throughout phases of irregular bedding and crossbedding calcite filled joints spaced = 0.2 cm in lower half CA=46 and approximately perpendicular bedding		
	97.56	98.04	0.48			322'/98.15	Siltstone	grey, sandy large calcite filled joint at base CA=57° and approximately perpendicular bedding	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 18

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	98.04	98.14	0.10				Sandstone		
							coarse grained, lithic with numerous calcite filled fractures sub parallel to those of unit above, coaly wisps throughout and many large irregular coaly inclusions		
							TOP OF BOX 23	3.88	
	98.14	99.11	0.97						
						327.99.67			
	99.11	99.66	0.55						
	99.66	100.32	0.66				Sandstone		
							fine grained, light grey, lithic crossbedded, many interbeds of grey siltstone coaly wisps throughout, calcite filled fractures spaced 0.3 m. CA - 57° and approximately perpendicular bedding		
	100.32	100.66	0.34				Claystone		
							carbonaceous black some interbeds of grey siltstone slickensides along coaly bedding partings fractures as above		
						332'/101.19			
	100.66	100.88	0.22	0.16					
						334'/101.80			
	100.88	101.02	0.14	0.10			Core loss		
	101.02	101.13	0.11	0.08			Coal		
							coal		
	101.13	101.22	0.09	0.07	3.1.1		Coal		
							d.l.		
	101.22	101.29	0.07	0.05			Coal		
							stoney black, very high ash		
	101.29	101.34	0.05	0.04			Claystone		
							carbonaceous, black, plant fragments.		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 19

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						335' / 02.11			
	101.34	101.72	0.38	0.28		Core loss	rock		
	101.72	101.97	0.25	0.19	3.2.1	Claystone	as above		
					*				
	101.97	102.05	0.08	0.06		Coal	bright banded sheared		
	102.05	102.11	0.07	0.05		Coal	bright		
	102.11	102.24	0.12	0.09		Coal	bright banded		
						337' / 02.72			
	102.24	103.40	1.16	0.86		core loss coal			
						339' / 03.33			
	103.40	103.47	0.07	0.05		Coal	d.l. and bright		
	103.47	103.52	0.05	0.04	3.3.1	Coal	d.l. banded		
	103.52	103.60	0.08	0.06		Coal	bright		
	103.60	103.66	0.06	0.04		Coal	d.l. and bright sheared		
							TOP OF BOX 24	4.17	
	103.66	103.75	0.09	0.07		Coal	bright		
	103.75	103.81	0.06	0.04		Coal	bright branded sheared		
	103.81	103.88	0.07	0.05	v	Coal	bright		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 20

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	103.88	103.97	0.09	0.07			Claystone carbonaceous, black gright coal bands		
	103.97	104.35							
			0.38	0.28			Claystone dark grey, silt some grey siltstone interbeds at base		
						342' /	04.24		
	104.35	104.65	0.30						
	104.65	104.91	0.26				core loss : sheared rock		
	104.91	105.02	0.11				Claystone heavily slickensided to listric surfaces includes slickensided coaly material		
	105.02	105.29	0.27				Claystone carbonaceous bright coal bands some calcite on slickensides		
	105.29	105.39	0.10				Claystone slickensided as above		
	105.39	105.43	0.04				Coal bright		
47°	105.43	106.16	0.73				Siltstone grey, with numerous interbeds and phases of grey claystone, occasional thin bright coal bands throughout, plant fragments		
						347' /	05.77		
	106.16	107.23	1.07						
						352' /	07.29		
	107.23	108.15	0.92						
							TOP OF BOX 25	4.15	
	108.15	108.35	0.20						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 21

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	108.35	108.74	0.39				Claystone carbonaceous black, few grey siltstone interbeds at centre, calcite stringers at top		
						357' /	108.81		
	108.74	109.55	0.81						
	109.55	110.37	0.82			362' /	110.34		
	110.37	110.57	0.20						
34°	110.57	111.55	0.98				Sandstone fine grained, medium grey, lithic thin laminations of grey claystone throughout		
	111.55	112.23	0.68				Sandstone medium grained, light grey, lithic, coaly wisps throughout a few calcite fractures CA=25° and approximately perpendicular bedding irregular coaly inclusions in lower 0.33 m.		
							<u>TOP OF BOX 26</u>		4.00
	112.23	114.11	1.88						
	114.11	114.21	0.10				Claystone carbonaceous, numerous large numerous large bright coal bands throughout		
	114.21	114.24	0.03				Coal bright		
	114.24	114.32	0.08				Coal d.l. and bright		
	114.32	114.37	0.05				Coal bright		
	114.37	114.87	0.50				Core loss coal		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 22

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	114.87	115.10	0.23				Claystone carbonaceous, black, phase of grey siltstone towards the top		
						377' /	114.91		
	115.10	115.70	0.60						
	115.70	115.76	0.06				Coal bright		
	115.76	115.94	0.18				Claystone carbonaceous, black, irregular slickensided surface at top		
						381' /	116.28		
	115.94	116.33	0.39				Siltstone grey, with numerous dark grey claystone, interbeds and some bright coal bands		
						383' /	116.74		
	116.33	116.44	0.11				TOP OF BOX 27		
	116.44	117.66	1.22						
						388' /	118.26		
	117.66	118.12	0.46						
	118.12	118.76	0.64				Sandstone medium grained, light grey, lithic, thin interbeds of grey siltstone in lower half, phase of grey siltstone in the centre and irregular coaly bands towards top		
						392' /	119.48		
	118.76	119.15	0.39						
48°	119.15	120.26	1.11				Claystone carbonaceous with interbeds of grey siltstone and sandstone towards top, and few large bright coal bands towards the centre		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 23

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						397' / 21.01			
							TOP OF BOX 28	3.81	
	120.26	120.54	0.28				Sandstone fine grained, light grey, lithic a few thin grey siltstone interbeds		
	120.54	121.68	1.14				Siltstone grey, thin claystone interbeds throughout wavy beddings claystone and siltstone and siltstone form thin graded units		
						402' / 22.53			
	121.68	122.24	0.56						
	122.24	122.29	0.05				Coal bright banded		
	122.29	122.73	0.44				Claystone carbonaceous, black, irregular slickensided listric surfaces throughout		
						406' / 23.75			
	122.73	123.10	0.37						
						408' / 24.36			
	123.10	123.13	0.03						
	123.13	123.62	0.49				Sandstone fine grained, light grey, lithic numerous interbeds of grey claystone and siltstone throughout		
45°	123.62	124.23	0.61				Siltstone light grey, interbedded with grey claystone forming thin graded units of 1 cm.		
							TOP OF BOX 29	4.21	
	124.23	124.37	0.14			412' / 25.58			
	124.37	124.81	0.44						
	124.81	125.89	1.08				Claystone dark grey, abundance of plant fossils, core appears stressed weathers and fractures rapidly		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 24

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						417.1	27.10		
	125.89	126.18	0.29						
	126.18	127.38	1.20				Sandstone light grey, fine grained, lithic, occasional thin interbeds of grey claystone throughout coaly wisps and inclusions in lower half, cross bedded		
						422 1/2	28.63		
	127.38	128.12	0.74						
	128.12	128.25	0.13				Claystone carbonaceous, black, thin bright coal bands throughout and one calcite 1 cm., coal band at top		
	128.25	128.43	0.18				Sandstone fine grained, light grey lithic includes small irregular bands of grey claystone		
							<u>TOP OF BOX 30</u>		
	128.43	128.81	0.38				Claystone carbonaceous, black, coal bands and inclusions throughout slickensided and listric surfaces on bedding in top half, irregular calcite fractures in centre, siltstone phases near base.		
						427 1/2	30.15		
	128.81	130.31	1.50						
						432 1/2	31.67		
	130.31	131.79	1.48						
						437 1/2	33.20		
	131.79	132.42	0.63						
							<u>TOP OF BOX 31</u>	4.16	
	132.42	132.92	0.50						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 25

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
37 ⁰	132.92	133.24	0.32				Sandstone medium grained, light grey, lithic coaly wisps throughout		
						442' /	134.72		
	133.24	133.93	0.69						
	133.93	134.77	0.84				Claystone carbonaceous black numerous, plant fragments few grey claystone interbeds		
						447' /	136.25		
	134.77	135.17	0.40				Core loss rock		
	135.17	136.59	1.42						
	136.59	136.63	0.04				Coal bright		
	136.63	136.92	0.29				Claystone as above		
							TOP OF BOX 32		
	136.92	137.23	0.31						
						455' /	138.68		
	137.23	137.55	0.32						
	137.55	138.08	0.53				Sandstone medium grained, light grey lithic many thin interbeds of grey claystone throughout		
	138.08	138.90	0.82				Siltstone grey with phases and interbeds of dark grey claystone		
						460' /	140.21		
	138.90	139.16	0.26						
	139.16	140.43	1.27				Sandstone medium grained, light grey, lithic irregular bedding in top 1 m. with fragments of grey siltstone coaly wisps throughout		
						465' /	141.73		
	140.43	141.11	0.68						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 26

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	141.11	142.06	0.95				TOP OF BOX 33	4.01	
					470'	143.26			
	142.06	142.98	0.92						
	142.98	143.06	0.08			Sandstone	as above with numerous angular inclusions of grey siltstone forming sediment breccia		
	143.06	143.65	0.59			Sandstone	unbrecciated as above		
					475'	144.78			
	143.65	143.94	0.29						
	143.94	143.97	0.03			Calcite	on bedding		
	143.97	145.16	1.19			Claystone	carbonaceous, black, some grey siltstone interbeds calcite filled bedding planes and tension gashes intop 0.5m.		
					480'	146.30			
	145.16	146.16	1.00				TOP OF BOX 34	4.04	
	146.16	146.28	0.12			Coal	bright banded		
					484'	147.52			
	146.28	146.36	0.08			Coal	sheared		
	146.36	146.64	0.28			Core loss	coal		
	146.64	147.97	1.33			Siltstone	medium grey sandy with occasional phases of fine grained, light grey sandstone bedding disturbed by slumping and reworked by worm burrows		
					489'	149.05			
	147.97	149.49	1.52						
					494'	150.57			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7709 SHEET No: 27

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M. : _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT. : _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 35	4.23	
	149.49	150.96	1.47						
	150.96	151.06	0.10						
						499.3	/152.19		
	151.06	152.59	1.53						
						504.5	/153.77		
	152.59	153.73	1.14						
							TOP OF BOX 36	4.21	
	153.73	154.18	0.45						
						509.5	/155.30		
	154.18	155.12	0.94						
	155.12	155.69	0.57						
						514.5	/156.82		
	155.69	156.56	0.87						
	156.56	157.31	0.75						
						519.8	/158.44		
	157.31	157.95	0.64						
							TOP OF BOX 37	4.09	
47°	157.95	158.94	0.99						
						524.9	/159.99		
	158.94	160.46	1.52						
						530.1	/161.54		
	160.46	160.74	0.28						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 28

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	160.74	162.03	1.29						
						535' /	163.07		
							TOP OF BOX 38	4.31	
	162.03	164.13	2.10						
						540' /	164.59		
	164.13	165.73	1.60						
						545' /	166.12		
	165.73	166.16	0.43						
	166.16	166.87	0.71				Sandstone medium grained, light grey, lithic numerous grey claystone interbeds throughout, coaly wisps throughout		
							TOP OF BOX 39	4.08	
	166.87	167.37	0.50						
						550' /	167.64		
	167.37	168.25	0.88						
	168.25	168.82	0.57						
						555' /	169.16		
	168.82	170.48	1.66						
						561' /	170.99		
	170.48	170.92	0.44						
							TOP OF BOX 40	4.31	
	170.92	172.06	1.14						
						566' /	172.52		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 29

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		GYE SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
					9-2-	SEAM # 2			
50°	172.06	172.17	0.11			Siltstone	light grey, interbeds of grey claystone throughout some phases of fine grained sandstone		
	172.17	173.68	1.51						
						571' / 174.04			
	173.68	175.24	1.56						
						576' / 175.56			
40°	175.24	175.94	0.70		1 1/2	Claystone	carbonaceous black, occasional bright coal bands		
	175.94	176.83	0.89	0.71	To 5 1/2				
	176.83	177.16	0.33	0.26	7, 8, 9	Coal and claystone	interbedded, black carbonaceous claystone with many thick bright coal bands		
	177.16	177.19	0.03	0.02		Coal	d.l. banded		
	177.19	177.26	0.07	0.06	10	Coal	bright banded		
	177.26	177.33	0.07	0.06	11	Claystone	grey, irregular contact with coal coaly inclusions		
	177.33	177.39	0.06	0.05		Coal	d.l. and bright		
	177.39	177.45	0.06	0.05	12	Coal	d.l. banded		
	177.45	177.50	0.05	0.04		Coal	d.l. and bright		
	177.50	177.57	0.07	0.06		Coal	bright banded		
	177.57	177.62	0.05	0.04		Coal	bright		
					13				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 30

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		EYE SAMPLE NUMBER 9-2-	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	177.62	177.65	0.03	0.02			Coal	d.l. and bright		
	177.65	177.70	0.05	0.04			Coal	bright		
	177.70	177.79	0.09	0.08	X		Core missing	coal		
	177.79	177.84	0.05	0.04	14		Coal	d.l. and bright		
	177.84	178.21	0.37	0.30	15, 16	585' /	Claystone	78.31 grey carbonaceous listric surfaces sheared		
	178.21	178.27	0.06	0.05	17		Coal	d.l. sheared		
	178.27	179.00	0.73	0.58	17 1/2 to 22 1/2		Claystone	carbonaceous with numerous bright coal bands bedding vertical		
	179.00	179.23	0.23	0.18	23	590' /	Coal	79.83 sheared, core pulverized		
	179.23	179.35	0.12	0.10	24		Coal and claystone	heavily sheared		
	179.35	179.44	0.09	0.07				TOP OF BOX 42	4.21	
	179.44	179.50	0.06	0.05	25		Coal	stoney sheared		
	179.50	179.57	0.07	0.06			Coal	d.l. and bright		
	179.57	179.66	0.09	0.07			Coal	bright banded		
	179.66	179.70	0.04	0.03			Coal	dull banded		
	179.70	179.73	0.03	0.02	26		Coal	bright		
	179.73	179.81	0.08	0.06			Coal	dull		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE N7709 SHEET No: 31

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		GYE SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	179.81	179.85	0.04	0.03	27		Coal	dull banded		
		179.92	0.07	0.06			dull			
	179.92	180.01	0.09	0.07	28			dull banded		
		180.05	0.04	0.03			dull			
	180.05	180.08	0.03	0.02	29			dull		
		180.14	0.06	0.05			dull/bright			
		180.17	0.03	0.02	30	597' / 181.97		bright and banded, pulverized		
	180.17	180.22	0.05	0.04			bright and banded, pulverized			
		180.25	0.03	0.02	31			dull		
		180.37	0.12	0.10			dull and bright, sheared			
		180.40	0.03	0.02	32			sheared very heavily, coal type indistinguishable		
		180.58	0.18	0.14			" in original logging - actual measured			
		180.72	0.14	0.11	33			" thickness was decreased±,		
		180.84	0.12	0.10			" gye sampling used original			
		181.08	0.24	0.19	34			" thickness - SPS -		
		181.16	0.08	0.06			"			
	181.16	181.65	0.49	0.39	X		Missing	coal		
	181.65	181.74	0.09	0.07	36		Coal	dull and bright		
		181.82	0.08	0.06			dull			
		181.84	0.02	0.02	37			dull and bright		
	181.84	181.89	0.05	0.04			"			
		181.97	0.08	0.06	38			bright banded		
		182.06	0.09	0.07			dull			
		182.08	0.02	0.02	39			dull and bright		
	182.08	182.11	0.03	0.02			" "			
		182.18	0.07	0.06	40			dull banded		
	182.18	182.20	0.02	0.02			" "			
		182.26	0.06	0.05	41			dull and bright		
	182.26	182.28	0.02	0.02			dull and bright			
		182.36	0.08	0.06	42			bright banded		
		182.42	0.06	0.05			dull and bright			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 32

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		G-YE SAMPLE NUMBER 9-2-	MARKER	DESCRIPTION	RECOVERY			
	From	To	Thick.	True				m.Rec.	%		
	182.42	182.50	0.08	0.06	0.10		Coal	dull banded			
		182.52	0.02	0.02				dull			
	182.52	182.62	0.10	0.08				Dull			
		182.65	0.03	0.02		41		dull banded			
		182.66	0.01	0.01	42			sheared, coal types indistinguishable			
	182.66	182.70	0.04	0.03				"			
	182.70	182.90	0.20	0.17		43		"			
		183.49	0.59	0.47	X		Missing	coal			
	183.49	183.54	0.05	0.04	44		Coal	dull and bright			
		183.56	0.02	0.02		0.07			bright banded, sheared		
	183.56	183.62	0.06	0.05	45			"			
		183.66	0.04	0.03					dull and bright		
		183.75	0.09	0.07		0.07			sheared, pulverized		
		183.76	0.01	0.01	46			bright banded			
	183.76	183.83	0.08	0.06					"		
		183.87	0.04	0.03	47			dull and bright			
		183.94	0.07	0.06		0.09			dull		
	183.96	184.05	0.09	0.07	48			dull and bright			
		184.12	0.07	0.06	49			"			
	184.12	184.13	0.01	0.01					dull and bright		
		184.21	0.08	0.06	50			"			
	184.21	184.28	0.07	0.06					"		
		184.30	0.02	0.02	51			dull			
		184.38	0.08	0.06					dull and bright		
	184.38	184.43	0.05	0.04	52			"			
		184.47	0.04	0.03					dull		
		184.50	0.03	0.02	53			"			
	184.50	184.54	0.04	0.03		607' /	85.01		bright banded		
		184.58	0.04	0.03	53			"			
	184.	184.63	0.05	0.04					dull and bright		
								bright			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG



HOLE No: 7709 SHEET No: 33
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	184.64								
	184.63	184.79	0.17	0.13	X		Coal missing		
	184.79	184.85	0.06	0.05	54		Coal bright banded		
	184.85	184.97	0.12	0.10	X		Missing rock		
	184.97	185.24	0.27	0.22	55½		Claystone dark grey, some coaly inclusions, carbonaceous at base slickensided along bedding planes		
	185.24	185.47	0.23	0.18	56		Coal heavily sheared, calcite along bedding planes		
		185.63	0.16	0.13	57½		Claystone dark grey, carbonaceous, irregular slickensides on broken surfaces, bright coal bands and inclusions		
		185.81	0.18	0.14	58½		"		
		185.95	0.14	0.11	59½		"		
		186.16	0.21	0.17	60½		"		
		186.21	0.05	0.04		612' / 186.54			
		186.21	0.05	0.04			"		
	186.21	186.41	0.20	0.16	61½		Siltstone grey interbeds of grey claystone at top		
		186.61	0.20	0.16	62½		" phases of light grey fine grained sandstone		
		186.81	0.20	0.16	63½		"		
		187.01	0.20	0.16	64½		"		
		187.21	0.20	0.16	65½		"		
		187.66	0.45				"		
						617' / 188.06			
	187.66	188.86	1.20				"		
							TOP OF BOX 44		
		190.63	1.77				"		
						627' / 191.11			
		192.12	1.49				"		
						632' / 192.63			
		193.12	1.00				TOP OF BOX 45		
		193.83	0.71				"		
						637' / 194.16			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 34

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	193.83	194.71	0.88						
32°	194.71	195.31	0.60			Sandstone	medium grained, light grey, lithic, a few grey, siltstone phases, and many coaly wisps throughout		
						642' / 195.68			
	195.31	196.88	1.57			647' / 197.21			
	196.88	197.31	0.43						
							<u>TOP OF BOX 46</u>		
	197.31	198.42	1.11			652' / 198.73			
	198.42	199.89	1.47						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 35

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						657' / 200.25			
38 ⁰	199.89	201.32	1.43			Siltstone	grey with fragment interbeds of grey claystone and phases of fine sandstone bedding irregular where sandstone is present		
	201.33	201.38	0.06						
						662' / 201.78			
	201.38	201.60	0.22				TOP OF BOX 47	4.38	
							one large irregular coaly inclusion 1. m. from top of box 47		
	201.60	202.97	1.37			667' / 203.30			
	202.97	204.40	1.43						
						672' / 206.35			
	204.40	205.96	1.56				TOP OF BOX 48	4.27	
						SEE PAGE 35A FOR CONTINUATION			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 35A

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							previous core logging adjusted to geophysical log S.P. Santiago PP 35A - 42A		
	205.96	207.46	1.50	1.23			Siltstone as above		
					1 1/2 6 1/2	(682')	207.87		
		207.69	0.23	0.19			as above		
	207.69	208.00	0.31	0.25	7 1/2 8 1/2		Claystone carbonaceous, coaly inclusions		
(35°)	208.00	208.04	0.04	0.03	9		Coal and Claystone sheared		
.81915									
	208.04	208.20	0.16	0.13	10 1/2		Claystone carbonaceous		
						(684')	208.48	SEAM NO. 1	
	208.20	208.27	0.27	0.06	↑		Coal dull and bright		
		208.31	0.04	0.03			dull banded		
		208.37	0.06	0.05			dull		
		208.44	0.07	0.06			dull and bright		
					11 15				
	208.47		0.03	0.02			bright banded		
		208.52	0.05	0.04			dull and bright		
		208.57	0.05	0.04			dull banded		
		208.67	0.10	0.08			bright		
		208.75	0.08	0.07			dull and bright		
		208.83	0.08	0.07			dull		
	208.83	208.87	0.04	0.03			bright		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 36A

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	208.87	208.95	0.08	0.07	16		Claystone black carbonaceous coaly inclusions top slickensided		
		209.37	0.42	0.34	17 1/2	(687')/209.40	as above		
	209.37	209.48	0.11	0.09	X		Core loss rock		
	209.48	209.65	0.17	0.14	↑		Coal pulverized sheared		
		209.73	0.08	0.07			bright banded		
35°		209.77	0.04	0.03			dull and bright		
		209.86	0.09	0.07			bright		
		209.93	0.07	0.06			dull banded		
		210.02	0.09	0.07	19 23		dull and bright		
		210.06	0.04	0.03			bright banded		
		210.09	0.03	0.02			dull		
		210.17	0.08	0.07			bright		
		210.24	0.07	0.06			dull and bright		
		210.35	0.11	0.09			bright banded		
						(691')/210.62			
							TOP OF BOX 49		
		210.39	0.04	0.03			dull and bright		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 37A

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	210.39	210.52	0.13	0.11	↑		Coal	dull sheared		
		210.62	0.10	0.08				dull and bright		
		210.73	0.11	0.09				dull banded		
		210.84	0.11	0.09				bright banded		
		210.92	0.08	0.07				dull banded		
(35°)		210.97	0.05	0.04	24 30			bright		
		211.05	0.08	0.07				dull		
		211.13	0.08	0.07				dull banded		
		211.24	0.11	0.09				dull and bright		
		211.33	0.09	0.07				dull banded		
		211.46	0.13	0.11				dull and bright		
		211.57	0.11	0.09	↓		(694.5')/211.68	dull		
		211.63	0.06	0.05	↑			dull and bright		
		211.73	0.10	0.08				dull banded		
		212.00	0.27	0.22				sheared, pulverized		
		212.12	0.12	0.10				bright banded		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 38A

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		CYL SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	212.12	212.17	0.05	0.04			Coal dull		
		212.21	0.04	0.03			bright		
		212.26	0.05	0.04			dull banded		
		212.31	0.05	0.04			dull and bright		
		212.35	0.04	0.03	31 39		bright		
(35°)		212.41	0.06	0.05		(692)'/212.45	dull and bright		
		212.48	0.07	0.06			dull		
		212.52	0.04	0.03			bright		
		212.59	0.07	0.06			dull and bright		
		212.65	0.06	0.05			bright		
		212.78	0.13	0.11			dull and bright		
		212.84	0.06	0.05	↓		dull banded		
		212.89	0.05	0.04	↑	(699)'/213.06	dull		
		213.66	0.77	0.63			sheared pulverized		
		213.75	0.09	0.07			sheared		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 39A

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	213.75	213.94	0.19	0.15	39 56		Coal sheared, chips are dull		
		214.18	0.24	0.20			dull and bright		
		214.45	0.27	0.22			dull		
		214.53	0.08	0.07			dull and bright		
		214.64	0.11	0.09			sheared, dull		
		214.71	0.07	0.06			sheared		
(35°)		214.80	0.09	0.07	57 62		dull and bright		
		214.85	0.05	0.04			dull		
		214.88	0.03	0.02			bright		
		215.04	0.16	0.13			shear		
						(708')/215.80			
	215.04	215.53	0.49	0.40	X		Core loss coal		
	215.53	215.59	0.06	0.05	63		Claystone carbonaceous, sheared		
	215.59	215.70	0.11	0.09	X		core loss rock		
	215.70	216.63	0.93	0.76	64 68 2		Claystone carbonaceous coaly bands and inclusions		
						(712')/217.02			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 40A

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		GYE SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	216.63	216.95	0.32	0.26	69½		Claystone as above		
33°	216.95	217.94	0.99	0.81	70½ .30 tk		Sandstone grey, medium grained, lithic some interbeds of dark siltstone and coaly wisps		
	217.94	218.04	0.10	0.08			Siltstone dark grey, thin interbeds of fine grained sandstone towards base		
						(717')/218.54			
	218.04	219.54	1.50	1.23			as above		
(35°)		219.64	0.10	0.08			as above		
	219.64	221.04	1.40	1.15			Sandstone light grey, medium grained, lithic coaly wisps and irregular coaly inclusions, numerous interbeds of grey claystone throughout		
						(727')/221.59			
	221.04	222.40	1.36	1.11			Claystone carbonaceous thin interbeds of grey siltstone at top and base, coaly bands at centre		
37°	222.40	223.64	1.24	0.99			Sandstone light grey, medium grained, lithic coaly wisps throughout		
(.79864)		223.64	0.05	0.04			Claystone black carbonaceous coaly inclusions		
						(737')/224.64			
								TOP OF BOX 52	4.04
		223.98	0.29	0.23			as above		
	223.98	224.90	0.92	0.73	71½ .70tk		Siltstone grey with numerous interbeds of grey claystone		
	224.90	225.05	0.15	0.12	72½		Claystone carbonaceous, coaly inclusions increasing to base		
						(742')/226.16			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 41A

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	225.05	225.50	0.45	0.36	73½		Claystone as above		
	225.50	225.92	0.42	0.33	X		core missing rock		
	225.92	226.00	0.08	0.06	74		Coal dull		
(37°)	226.05		0.05	0.04	75		bright		
	226.10		0.05	0.04			bright banded		
	226.18		0.08	0.06			dull and bright		
	226.24		0.06	0.05			dull banded		
	226.29		0.05	0.04			bright		
	226.34		0.05	0.04			boney		
	226.47		0.13	0.10	75 83		dull		
	226.52		0.05	0.04			dull and bright		
	226.57		0.05	0.04			dull banded		
	226.69		0.12	0.09			dull and bright		
	226.76		0.07	0.06			dull		
	226.83		0.07	0.06			bright banded		
	226.88		0.05	0.04			dull		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 42A

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		GYE SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	226.88	226.92	0.04	0.03			Coal	bright		
		227.02	0.10	0.08						
						(747')				
		227.07	0.05	0.04				bright		
		227.19	0.12	0.10	✓			dull and bright		
	227.19	227.94	0.75	0.60	84 1/2 - 87 1/2		Claystone	black, carbonaceous, with bright coal bands		
	227.94	228.02	0.08	0.06	X		Core missing	rock		
	228.02	228.09	0.07	0.06	↑		Coal	boney		
		228.17	0.08	0.06	88			dull and bright		
		228.23	0.06	0.05	↓			dull		
	228.23	228.37	0.14	0.11	X		Core missing	coal		
	228.37	228.40	0.03	0.02	89		Coal	dull banded		
	228.40	228.68	0.28	0.22	X		Core missing	rock		
	228.68	228.81	0.13	0.10	90 1/2		Sandstone	light grey, medium grained, lithic		
						(751')				
	228.81	229.17	0.36	0.29	91 1/2		Claystone	dark grey, carbonaceous		
	229.17	230.58	1.41	1.13	92 1/2		Sandstone	light grey, coarse grained, lithic few coaly wisps		
					.20m tk					
						(756')				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7709 SHEET No: 43A

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	230.58	231.52	0.94				Sandstone as above		
						(759')	/231.34		
	233.08		1.56				as above		
							TOP OF BOX 54		
						(764')	/232.87		
	234.40		1.32				as above		
						(769')	/234.39		
	234.72		0.32				as above		
						(770')	/234.70		
	235.84		1.12				as above		
	236.13		0.29				as above		
	236.22		0.09				Conglomerate granule, pebbles black, grey, white chert and argillite		
						(775')	/236.22		
							END OF HOLE SD 7709		

SAXON PROJECT (SAXON EAST)

HOLE NO. SD 7710 BEARING _____ ANGLE 70° TOTAL DEPTH 489.70
 COORDINATES 6022537.8 N 689370.2 E COLLAR ELEVATION 1461.6

Seam No. 1 Elevation of Seam (Base) 1043.9

Seam Interval: 440.08 - 444.76

True Thickness of Mining Section: 4.04 Coal 3.20 Coal _____

Rock 0.84 Rock _____

Core Recovery: 80 % _____ %

INTERSEAM THICKNESS: 22.8

Seam No. 2 Elevation of Seam (Base) 1073.11

Seam Interval: 401.65 - 413.72

True Thickness of Mining Section: 10.28 Coal 9.55 Coal _____

Rock 0.73 Rock _____

Core Recovery: 30 % _____ %

INTERSEAM THICKNESS: 78.44

Seam No. 4 Elevation of Seam (Base) 1167.7

Seam Interval: 310.04 - 312.95

True Thickness of Mining Section: (2.51) Coal 2.47 Coal _____

Rock 0.04 Rock _____

Core Recovery: 30 % _____ %

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness of Mining Section: _____ Coal _____ Coal _____

Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS:

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7710 SHEET No: 1
 DATE BEGUN: 6 June 1977
 DATE FINISHED: 26 June 1977
 LAT.: _____

DEPTH: _____
 ELEV. COLLAR: _____
 HOLE ANGLE: 70°

BEARING: 038°
 TOTAL DEPTH: 491 m.
 LOGGED BY: GEOFF JORDAN

U.T.M.: _____
 COAL LICENSE: 2785
 CORE SIZE: HQ



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	0.00	36.45					Triconed to 37.19 m; no core	0.00	
						122'/37.19 m.	<u>TOP OF BOX 1</u>		
16°	36.45	37.90	1.45				Sandstone light grey, coarse grained, lithic, salt and pepper appearance	1.45 m	
	37.90	39.39	1.49					1.49	
						132'/40.23			
	39.39	40.71	1.32					1.32	
							<u>TOP OF BOX 2</u>		
	40.71	41.22	0.51					0.51	
	41.22	42.34	1.12				Conglomerate granule, grading to pebble conglomerate, containing	1.12	
						142'/43.28	grains of black, grey, brown, and green chert; minor		
	42.34	44.78	2.44				phases of coarse grained sandstone above and one phase		
							of sandstone 1.1m from top characterized by		
							mottling by worm burrows	2.44	
	44.78	44.99	0.21				Sandstone coarse grained, as above	0.21	
							<u>TOP OF BOX 3</u>		
	44.99	45.06	0.07					0.07	
	45.06	45.24	0.18				Conglomerate granule as above	0.18	
10°	45.24	45.41	0.17				Sandstone medium grained, light grey, lithic, fine coaly wisps		
						152'/46.33	a few phases of graule-conglomerate, cross bedded	0.17	
	45.41	47.39	1.98					1.98	
	47.39	47.57	0.18				Conglomerate granule, as above, iron stained	0.18	
	47.57	48.42	0.85				Sandstone as above	0.85	
						162'/49.38			
	48.42	48.56	0.14					0.14	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7710 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	48.56	48.75	0.19				Conglomerate pebble, as above	0.19	
	48.75	49.37	0.62				Sandstone fine to medium grained light grey, occasional bands of well rounded pebbles, a few phases of coaly wisps, iron stained	0.62	
							<u>TOP OF BOX 4</u>		
	49.37	51.58	2.21			172'/54.42		2.21	
	51.58	53.67	2.09					2.09	
							<u>TOP OF BOX 5</u>		
	53.67	54.75	1.08			183'/55.78		1.08	
	54.75	56.55	1.80			193'/58.83		1.80	
17°	56.55	57.89	1.34					1.34	
							<u>TOP OF BOX 6</u>		
	57.89	60.88	2.99			203'/61.87		2.99	
	60.88	61.62	0.74					0.74	
						206'/62.79			
	61.62	62.75	0.63					0.63	
							<u>TOP OF BOX 7</u>		
	62.75	64.61	2.36			216'/65.83		2.36	
10°	64.61	65.37	0.76					0.76	
	65.37	65.74	0.37				Shale dark grey, subfissile, with interbeds of sandstone as above	0.37	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. SD 7710 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	65.74	66.66	0.81				Sandstone fine grained, light grey, lithic, fine, coaly laminations throughout and a few phases of dark grey claystone interbeds.	0.81	
							<u>TOP OF BOX 8</u>		
	66.66	67.52	0.97			226'/68.88		0.97	
	67.52	69.78	2.26					2.26	
	69.78	70.76	0.98			236'/71.93	Sandstone and claystone interbedded sandstone as above with numerous irregular beds of dark grey claystone	0.98	
							<u>TOP OF BOX 9</u>		
	70.76	70.98	0.22					0.22	
	70.98	71.92	0.94				Sandstone fine grained as above, with a few interbeds of claystone, and numerous coaly inclusions		
	71.92	72.36	0.44				Sandstone and claystone interbedded, as above	0.44	
	72.36	72.50	0.14				Sandstone fine grained, with numerous large irregular coal inclusions and rounded concretions at the base	0.14	
10 ⁰	72.50	73.93	1.43			246'/74.98	Sandstone fine grained, light grey, with numerous phases of dark grey claystone interbeds	1.43	
	73.93	74.24	0.31					0.31	
	74.24	74.55	0.31				Sandstone fine grained with grey claystone interbeds as above marked by bioturbation	0.31	
							<u>BASE OF BOULDER CREEK MEMBER</u>		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7710 SHEET No: 4

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF HULCROSS MEMBER</u>		
	74.55	74.77	0.22				Conglomerate	medium grey, granule to pebble, with abundant matrix of fine grained sandstone, abundant SHELL FOSSILS, calcite along fractures and forming matrix in parts	0.22
								Unit strongly bioturbated	
	74.77	75.11	0.34				Sandstone	medium grained with phases of granule conglomerate SHELL FOSSILS, bioturbation, and calcite filled fractures as above	0.34
							<u>TOP OF BOX 10</u>		
	75.11	76.17	1.06						1.06
	76.17	76.37	0.20				Shale	black, carbonaceous, fissile with plant fossils	0.20
	76.37	77.10	0.73				Sandstone	with shell fossils as above	0.73
						256' / 78.03			
							<u>TOP OF GATES MEMBER</u>		
	77.10	77.14	0.04	0.04			Coal	dull and bright	0.04
	77.14	77.17	0.03	0.03				dull	0.03
	77.17	77.26	0.09	0.09				dull banded	0.09
	77.26	77.31	0.05	0.05				dull and bright	0.05
	77.31	77.35	0.04	0.04				dull	0.04
	77.35	77.45	0.10	0.10				dull and bright	0.10
	77.45	77.50	0.05	0.05				bright banded	0.05

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7710 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Coal continued		
	77.50	77.54	0.04	0.04			dull banded	0.04	
	77.54	77.60	0.06	0.06			bright banded	0.06	
	77.60	77.65	0.05	0.05			dull banded	0.05	
	77.65	77.70	0.05	0.05			dull and bright	0.05	
	77.70	77.73	0.03	0.03			dull banded	0.03	
	77.73	77.87	0.14	0.13			dull and bright	0.14	
	77.87	77.92	0.05	0.05			stoney	0.05	
	77.92	78.21	0.29				Sandstone fine grained, with irregular, coaly inclusions, carbonaceous at top	0.29	
	78.21	78.38	0.17				Claystone black carbonaceous, with plant fossils	0.17	
21 ⁰	78.38	79.20	0.82				Sandstone fine grained, numerous irregular, coaly inclusions throughout, very frequent very thin grey claystone interbeds throughout, and COALY WISPS	0.82	
							TOP OF BOX 11		
	79.20	80.11	0.91					0.91	
	80.11	82.09	1.98			266' / 31.08		1.98	
	82.09	83.14	1.05			276' / 34.12		1.05	
	83.14	83.50	0.36					0.36	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7710 SHEET No: 6

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 12		
	83.50	84.23	0.73				Sandstone as above	0.73	
	84.23	85.31	0.98				Siltstone medium grey, irregular claystone inclusions throughout and prominent at top	0.98	
	85.21	86.24	1.03				Sandstone fine grained, light grey, cross bedded and becoming medium grained toward base	1.03	
	86.24	86.39	0.15		286'	87.17			
	86.39	87.83	1.44				Sandstone coarse grained, light grey, cross bedded with coaly wisps throughout, very large, irregular, coaly inclusions prominent toward base	1.44	
	87.83	89.10	1.27				TOP OF BOX 13		
					296'	90.22			
	89.10	90.60	1.50					1.50	
	90.60	90.94	0.34				Claystone black, carbonaceous, sub-fissile with bright coaly penny bands	0.34	
	90.94	92.92	1.98				Core missing rock	(1.98)	
	92.92	94.07	1.15				Claystone dark grey, with phases of carbonaceous claystone	1.15	
							TOP OF BOX 14		
	94.09	94.12	0.05					0.05	
					306'	93.27			
	94.12	94.32	0.20				Core missing coal	(0.0)	
	94.32	94.36	0.04				Siltstone grey, with numerous phases and interbeds of grey claystone and a few phases of carbonaceous clay-	2.24	
	94.36	96.60	2.24				stone and one large cross bedded sandstone phase toward the centre		
					316'	96.32			
	96.60	97.52	0.92					0.92	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7710 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	97.52	98.55	1.03				Sandstone fine grained, light grey with numerous interbeds of grey claystone	1.03	
							TOP OF BOX 15		
	98.55	99.09	0.54					0.54	
	99.09	99.56	0.47				Sandstone medium to coarse grained, light grey, with coaly wisps and large coaly inclusions throughout, core broken with slickensides on fractures and	0.47	
						326' / 99.36	calcite filled fractures, core tectonically disturbed	2.55	
	99.56	102.11	2.55						
						335' / 102.11			
	102.11	102.78	0.67					0.67	
16°	107.78	102.88	0.10				Sandstone as above, core unbroken with minor calcite filled fractures at 90° to bedding	0.10	
							TOP OF BOX 16		
	102.88	104.65	1.77					1.77	
						244' / 104.85			
	104.65	107.10	2.45					2.45	
							TOP OF BOX 17		
	107.10	107.67	0.57				Sandstone as above, with phases of sedimentary breccia towards base	0.57	
	107.67	107.71	0.04				Sandstone medium grained, medium grey, cross bedded with numerous coaly wisps and inclusions throughout	0.04	
						354.5' / 108.05			
	107.71	108.50	0.79					0.79	
	108.50	108.80	0.30				Core missing coal		
	108.80	108.88	0.08				Claystone black, carbonaceous highly fossiliferous, with	0.08	
						360' / 109.73	bright coal penny bands		
	108.88	109.71	0.83					0.83	
						366' / 111.56			
	109.71	110.05	0.34					0.34	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7710 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
							Siltstone	dark grey, with numerous interbeds of grey fine grained sandstone, irregular inclusions of coaly material cutting bedding at right angles and disturbing bedding throughout; plant roots?		
	100.05	111.70	1.65				TOP OF BOX 18		1.65	
	111.70	112.47	0.77						0.77	
	112.47	112.58	0.11				Claystone	dark grey, with numerous interbeds of grey siltstone and some phases of light grey fine grained sandstone	0.11	
22°	112.58	114.60	2.02			376' / 114.60			2.02	
	114.60	115.73	1.13			386' / 117.65			1.13	
	115.73	115.96	0.23						0.23	
	115.96	118.94	2.98					TOP OF BOX 19	2.98	
	118.94	119.03	0.09			396' / 120.70			0.09	
	119.03	120.05	1.02						1.02	
	120.05	120.35	0.30				Claystone	carbonaceous, black with plant fossils throughout and coaly penny bands		
								TOP OF BOX 20		
	120.35	121.97	1.62			406' / 123.75			1.62	
	121.97	122.51	0.54						0.54	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7710 SHEET No: 9

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
							Sandstone	medium grained, light grey with coaly wisps and plant roots at top, irregular calcite filled fractures throughout		
	122.51	124.14	1.63						1.63	
							Siltstone	interbedded with dark grey carbonaceous claystone with bright coal inclusions and irregular calcite filled fractures		
	124.14	124.59	0.45						0.45	
							TOP OF BOX 21			
	124.59	125.03	0.44				Sandstone	fine grained, medium grey with irregular grey claystone interbeds throughout		
13°					416'	126.80			0.44	
	125.03	125.34	0.31						0.31	
							Siltstone	grey, with numerous interbeds of carbonaceous claystone		
	125.34	125.92	0.58						0.58	
							Claystone.	black, carbonaceous with plant fossils, bright coal bands, core broken on weathering, shows relaxation of remnant stresses		
	125.92	127.38	1.46						1.46	
							Siltstone	as above		
	127.38	127.84	0.46						0.46	
						426'	129.84			
	127.84	128.38	0.54						0.54	
							Claystone	black, carbonaceous with phases of grey siltstone throughout; pyritiferous concretions prominent toward the base		
							TOP OF BOX 22			
	128.85	128.88	0.03						0.03	
						430'	131.06			
	128.88	129.92	1.04						1.04	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7710 SHEET No: 30

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	366.43	366.87	0.44				Claystone carbonaceous, fossiliferous, with bright coal bands	0.44	
	366.87	366.94	0.07				Coal bright	0.07	
	366.94	367.03	0.09				dull and bright	0.09	
					1209'	368.50			
	367.03	367.12	0.09				Claystone as above, carbonaceous	0.09	
	367.12	367.65	0.53				Sandstone finegrained, with numerous irregular interbeds of grey siltstone throughout	0.53	
							TOP OF BOX 75		
	367.65	368.68	1.03					1.03	
					1214.5'	370.18			
	368.68	370.31	1.63					1.63	
					1219'	371.55			
	370.31	371.44	1.13					1.13	
					1224'	373.07			
	371.44	371.82	0.38					0.38	
							TOP OF BOX 76		
	371.82	372.30	0.48					0.48	
	372.30	372.95	0.65				Siltstone grey, with a few interbeds of grey claystone, bedding regular	0.65	
					1229'	374.60			
	372.95	373.24	0.29					0.29	
	373.24	374.45	1.21				Sandstone as above, fine grained	1.21	
					1234'	376.12			
	374.45	374.86	0.41					0.41	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7710 SHEET No: 31

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	374.86	374.87	0.01				Claystone	black, carbonaceous, with bright coal bands	0.01	
						1235.5'				
	374.87	375.04	0.17						0.17	
	375.04	375.06	0.02				Pyrite	band	0.02	
	375.06	375.39	0.33				Claystone	as above, carbonaceous	0.33	
							Siltstone	grey, with minor interbeds of grey claystone, grades		
	375.39	375.98	0.59					into carbonaceous claystone as base	0.59	
								TOP OF BOX 77		
	375.98	376.40	0.42						0.42	
						1240.5'				
	376.40	376.45	0.05				Coal	bright banded	0.05	
	376.45	377.18	0.73				Claystone	as above, carbonaceous	0.73	
	377.18	377.24	0.06				Coal	dull and bright	0.06	
27°	377.24	377.42	0.18				Sandstone	grey, medium grained, with numerous interbeds and	0.18	
								phases of grey siltstone		
	377.42	379.03	1.61						1.61	
						1249'				
	379.03	379.35	0.32						0.32	
	379.35	380.07	0.72				Claystone	dark grey, with frequent regularly bedded interbeds of grey siltstone throughout	0.72	
								TOP OF BOX 78		
	380.07	380.35	0.28						0.28	
						1254'				
	380.35	381.15	0.80						0.80	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7710 SHEET No: 32

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	381.15	381.82	0.67				Claystone grey brown, with plant rootlets throughout	0.67	
						1259'	383.74		
	381.82	382.05	0.23					0.23	
	382.05	383.40	1.35				Sandstone fine grained, with frequent regular interbeds of grey siltstone and dark grey claystone throughout	1.35	
						1264'	385.27		
	383.40	384.18	0.78					0.78	
							TOP OF BOX 79		
	384.18	385.04	0.86					0.86	
						1269'	386.79		
	385.04	386.39	1.35				Siltstone grey, with numerous regular interbeds of fossiliferous grey claystone forming thin graded units throughout	1.35	
						1274'	388.32		
	386.39	388.01	1.62					1.62	
						1279'	389.84		
	388.01	388.34	0.33					0.33	
							TOP OF BOX 80		
	388.34	388.36	0.02					0.02	
	388.36	389.10	0.74				Claystone brown, oolitic at top, sheared toward base (kalonitic)	0.74	
	389.10	389.21	0.11				Claystone black, carbonaceous, sheared	0.11	
						1284'	391.36		
32°	389.21	390.82	1.61				Sandstone light grey, medium grained, with coaly wisps throughout; frequent calcite filled fractures at right angles to base	1.61	
						1289'	392.89		
	390.82	392.28	1.46					1.46	
						1294'	394.41		
	392.28	392.41	0.13					0.13	
							TOP OF BOX 81		
	392.41	393.83	1.42					1.42	
						1299'	395.94		
	393.83	395.30	1.47					1.47	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7710 SHEET No: 33

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						1304'	397.46		
	395.30	395.87	0.57				Sandstone as above	0.57	
							Claystone dark grey to carbonaceous with interbeds of grey siltstone throughout, bright coal bands, carbonaceous at base		
	395.87	396.77	0.90					0.90	
						1309'	398.98		
	396.77	396.86	0.09				TOP OF BOX 82	0.09	
	396.86	396.94	0.08				Coal bright banded; core pulverized	0.08	
35°	396.94	398.30	1.36				Siltstone grey, with very frequent interbeds of fossiliferous grey claystone	1.36	
						1314'	400.51		
	398.30	398.49	0.19					0.19	
	398.49	398.76	0.27				Claystone dark grey, grading into carbonaceous claystone	0.27	
						1316'	401.12		
	398.76	399.24	0.48				at base; core broken	0.48	
	399.24	399.90	0.66	0.56			Core missing rock	(0.66)	
						1319'	402.03		
	399.90	400.80	0.90	0.76			Core missing coal	(0.90)	
	400.80	400.89	0.09	0.08			Claystone sheared, with coal fragments	0.09	
	400.89	401.65	0.76	0.64			Claystone carbonaceous	0.76	
(32°)						3/8/77			
	401.65	401.85	0.20	0.17		2-1-1	Coal and rock intensely sheared, homogeneous mixture of broken coal and carbonaceous claystone fragments	0.20	
						297			
	401.85	407.50	5.65	4.79			Core missing coal	(5.65)	
	407.50	407.53	0.03	0.03		#2	Coal bright banded sheared	0.03	
	407.53	407.58	0.05	0.04			Coal dull and bright	0.05	
	407.58	407.66	0.08	0.07			dull banded, core broken	0.07	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7710 SHEET No: 34

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Coal continued		
	407.66	407.71	0.05	0.04			dull and bright, core broken	0.05	
							TOP OF BOX 83		
	407.71	407.76	0.05	0.04				0.05	
	407.76	407.81	0.05	0.04			dull and banded	0.05	
	407.81	407.93	0.17	0.14			bright banded	0.17	
	407.93	408.03	0.10	0.08			dull banded	0.10	
32°	408.03	408.09	0.06	0.05		#2	bright	0.06	
	408.09	408.23	0.14	0.12			dull and bright	0.14	
	408.23	408.26	0.03	0.03			Coal and claystone interbedded	0.03	
						1329'	405.08		
	408.26	408.31	0.05	0.04	2-2-1		"	0.05	
	408.31	408.34	0.03	0.03	298		Claystone carbonaceous, with numerous bright coal bands	0.03	
	408.34	408.46	0.12	0.10	3/8/77		Core missing rock	(0.12)	
	408.46	409.46	1.00	0.85			Core missing coal	(1.00)	
	409.46	409.53	0.07	0.06			Coal dull banded	0.07	
						1334'	406.60		
	409.53	409.57	0.04	0.03			dull and bright	0.04	
						1339'	408.13		
	409.57	409.80	0.23	0.20			dull and bright fragments	0.23	
						1344'	409.65		
	409.80	409.95	0.15	0.13			dull banded; badly broken	0.15	
	409.95	10.04	0.09	0.08			dull and bright, badly broken	0.09	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7710 SHEET No: 35

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Coal continued		
	410.04	410.11	0.07	0.06	↓		dull and bright, badly broken	0.07	
						1346'	410.26		
	410.11	410.19	0.08	0.07	↑		bright banded, badly broken	0.08	
	410.19	410.29	0.10	0.08			dull and bright, badly broken	0.10	
	410.29	410.39	0.10	0.08			bright banded, core pulverized	0.10	
	410.39	410.48	0.09	0.08			dull and bright	0.09	
	410.48	410.54	0.06	0.05			dull banded	0.06	
(32°)						#2			
	410.54	410.70	0.16	0.14			dull and bright	0.16	
					2-2-2				
	410.70	410.75	0.05	0.04	299		dull banded	0.05	
					3/8/77				
	410.75	410.85	0.10	0.08			dull and bright	0.10	
	410.85	410.94	0.09	0.08			bright banded	0.09	
						1350'	411.48		
	410.94	411.01	0.07	0.06			dull and bright	0.07	
	411.01	411.11	0.10	0.08			bright banded	0.10	
	411.11	411.29	0.18	0.15			dull and bright, sheared, pulverized	0.18	
						1354'	412.70		
	411.29	411.96	0.67	0.57	↓		Core missing coal	(0.67)	
						1358'	413.92		
	411.96	412.07	0.11	0.09			Claystone carbonaceous, with plant fossils; core broken	0.11	
							TOP OF BOX 84		
	412.07	412.10	0.03	0.03	2-3-1			0.03	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7710 SHEET No: 36

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	412.10	412.52	0.42	0.36	*	1361'	Core missing rock	(0.42)	
						414.83			
	412.52	413.04	0.52	0.44			Core missing coal	(0.52)	
	413.04	413.10	0.06	0.05			Coal dull and bright; core broken	0.06	
	413.10	413.19	0.09	0.08			bright banded	0.09	
	413.19	413.29	0.10	0.08			dull banded	0.10	
32°					2-4-1				
	413.29	413.44	0.15	0.13	914		dull and bright	0.15	
					3/8/77				
	413.44	413.57	0.13	0.11			dull banded	0.13	
	413.57	413.64	0.07	0.06			dull and bright	0.07	
	413.64	413.72	0.08	0.07	↓		bright banded	0.08	
	413.72	413.76	0.04	0.03			Claystone carbonaceous, sheared	0.04	
	413.76	413.97	0.21	0.18			Claystone carbonaceous, unshaped with slickensides on bedding planes	0.21	
	413.97	415.11	1.14	0.97		1364'	415.75	1.14	
	415.11	415.30	1.19				Claystone dark grey, fossiliferous, with occasional sandy phases	1.19	
						1369'	419.27	1.19	
	415.30	416.51	1.21					1.21	
28°							Sandstone light grey, medium grained, with frequent phases of grey siltstone and some phases of fossiliferous grey claystone	0.33	
	416.51	416.84	0.33			1374'	418.80	0.33	
							TOP OF BOX 85		
	416.84	418.51	1.67					1.67	
						1379'	420.32	1.67	
	418.51	419.81	1.30					1.30	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7710 SHEET No: 37

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						1384' / 421.84			
	419.81	421.16	1.35			Sandstone as above		1.35	
							TOP OF BOX 86		
	421.16	421.47	0.31					0.31	
						1389' / 423.37			
	421.47	423.07	1.60					1.60	
						1394' / 424.89			
	423.07	424.73	1.66					1.66	
						1399' / 426.42			
	424.73	425.26	0.53					0.53	
							TOP OF BOX 87		
	425.26	426.17	0.91					0.91	
						1404' / 427.94			
	426.17	426.36	0.19					0.19	
	426.36	427.58	1.22			Siltstone dark grey, bedding irregular, in places a few dark grey claystone interbeds		1.22	
						1409' / 429.46			
	427.58	429.14	1.56					1.56	
						1414' / 430.99			
	429.14	420.39	0.25					0.25	
							TOP OF BOX 88		
	429.39	430.12	0.73					0.73	
	430.12	430.80	0.68			Sandstone light grey, medium grained, lithic, cross bedded with very frequent coaly wisps throughout and occasional clacite filled fractures perpendicular to bedding and along bedding planes		0.68	
						1419' / 432.51			
	430.80	432.25	1.45					1.45	
						1424' / 434.04			
	432.25	433.76	1.51				TOP OF BOX 89	1.51	
	433.76	433.94	0.18					0.18	
						1429' / 435.56			
	433.94	436.79	2.85					2.85	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7710 SHEET No: 38

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						1439'	438.61		
	436.79	436.81	0.02				Sandstone as above	0.02	
							Claystone dark grey, with frequent regular interbeds of grey siltstone forming thin graded units	0.94	
	436.81	437.75	0.94				<u>TOP OF BOX 90</u>		
32°	437.75	438.22	0.47					0.47	
						1444'	440.13		
	438.22	438.56	0.34					0.34	
	438.56	438.71	0.15				Claystone black, carbonaceous, with numerous bright coal bands	0.15	
	438.71	439.92	1.21				Claystone dark grey, with siltstone as above	1.21	
						1449'	441.66		
	439.92	439.96	0.04					0.04	
	439.96	440.08	0.12				Claystone carbonaceous	0.12	
	440.08	440.38	0.30	0.26	^		Core loss coal	(0.30)	
	440.38	440.46	0.08	0.07			Coal bright banded	0.08	
	440.46	440.49	0.03	0.03			dull banded	0.03	
	440.49	440.53	0.04	0.03	1-1-1	#1	dull and bright	0.04	
					291				
	440.53	440.58	0.05	0.04	3/8/77		dull banded	0.05	
	440.58	440.66	0.08	0.07			dull and bright	0.08	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7710 SHEET No: 39

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	440.66	440.72	0.06	0.05	↓	#1 ↓	Coal, continued dull	0.06	
	440.72	441.38	0.66	0.57	1-2-1 292		Claystone carbonaceous with numerous bright coal bands	0.66	
	441.38	441.69	0.31	0.27	3/8/77 1454	/443.18		0.31	
	441.69	441.78	0.09	0.08	↑		Coal dull banded	0.09	
(30°)	441.78	441.84	0.06	0.05			dull and bright; core broken	0.06	
	441.84	441.88	0.04	0.03			bright banded	0.04	
	441.88	441.98	0.10	0.09			dull banded	0.10	
	441.98	442.06	0.08	0.07			dull	0.08	
	442.06	442.18	0.12	0.10			<u>TOP OF BOX 91</u> dull and bright; sheared	0.12	
	442.18	442.26	0.08	0.07			bright banded	0.08	
	442.26	442.33	0.07	0.06			dull and bright	0.07	
	442.33	442.38	0.05	0.04			sheared	0.05	
	442.38	443.03	0.65	0.56		1459' / 444.70	Core missing coal	(0.65)	
	443.03	443.15	0.12	0.10			Coal dull banded, sheared	0.12	
	443.15	443.20	0.05	0.04			dull and bright	0.05	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7710 SHEET No: 40

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Coal, continued		
	443.20	443.28	0.08	0.07			dull banded	0.08	
	443.28	443.35	0.07	0.06			dull	0.07	
	443.35	443.37	0.02	0.02			dull and bright	0.02	
	443.37	443.44	0.07	0.06			bright banded	0.07	
	443.44	443.54	0.10	0.09			bright	0.10	
	443.54	443.60	0.06	0.05	1-3-1 293		dull banded; sheared	0.06	
(30°)	443.60	443.76	0.16	0.14	3/8/77		dull	0.16	
	443.76	443.86	0.10	0.09			bright banded	0.10	
	443.86	443.94	0.08	0.07			dull and bright	0.08	
	443.94	444.01	0.07	0.06			bright	0.07	
	444.01	444.11	0.10	0.09			dull banded	0.10	
	444.11	444.24	0.13	0.11			dull and bright	0.13	
	444.24	444.38	0.14	0.12			dull banded; sheared	0.14	
	444.38	444.47	0.09	0.08			dull and bright, core broken	0.09	
	444.47	444.58	0.11	0.10		1464'	446.23 dull banded	0.11	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7710 SHEET No: 41

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Coal, continued		
	444.58	444.72	0.14	0.12			dull and bright	0.14	
	444.72	444.76	0.04	0.03			bright banded	0.04	
						1466'	446.84		
	444.76	445.24	0.48	0.42			Claystone carbonaceous, with slickensides on bedding planes	0.48	
						1470'	448.06		
	445.24	445.68	0.44	0.38			Core missing rock	(0.44)	
							TOP OF BOX 92		
	445.68	446.04	0.36	0.31			Claystone as above	0.36	
						1471'	448.36		
	446.04	446.99	0.95	0.82				0.95	
	446.99	448.12	1.13	0.98				1.13	
(30°)	448.12	449.12	1.00	0.87		1474'	449.28		
							Core missing rock	(1.00)	
						1479'	450.80		
	449.12	449.44	0.32	0.28			Claystone as above	0.32	
	449.44	449.51	0.07	0.06			Coal dull and bright	0.07	
	449.51	449.57	0.06	0.05			bright	0.06	
	449.57	449.63	0.06	0.05			bright banded	0.06	
	449.63	449.68	0.05	0.04			Coal and claystone interbedded	0.05	
	449.68	449.78	0.10	0.09			Coal bright core pulverized	0.10	
	449.78	450.02	0.24	0.21			Core missing coal	(0.24)	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7710 SHEET No: 42

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							Coal, continued		
	450.02	450.08	0.06	0.05			bright banded	0.06	
	450.08	450.22	0.14	0.12	1-4-1 294		dull and bright	0.14	
30°	450.22	450.31	0.09	0.08	3/8/77		bright banded	0.09	
	450.31	450.44	0.13	0.12		1484'	dull and bright	0.13	
	450.44	450.48	0.04	0.03	1-5-1 295	452.32	TOP OF BOX 93 dull and bright	0.04	
	450.48	450.89	0.41	0.36	3/8/77		Claystone carbonaceous, with numerous bright coal bands	0.41	
	450.89	450.97	0.08	0.07	↑ 296		Coal dull and bright	0.08	
	450.97	451.07	0.10	0.09	1-6-1 296		bright banded	0.10	
	451.07	451.16	0.09	0.08	3/8/77		dull and bright	0.09	
29°	451.16	452.10	0.94		↓		Sandstone medium to coarse grained, with some phases of very coarse grained sandstone and a zone of worm burrow mottling 1.5m. from the top	0.94	
	452.10	453.56	1.46			1489'	453.85	1.46	
	453.56	454.71	1.15			1494'	458.37	1.15	
	454.71	455.17	0.46				TOP OF BOX 94	0.46	
	455.17	458.14	2.97			1499'	456.90	2.97	
						1509'	459.94		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7710 SHEET No: 43

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						1509' / 459.94			
	458.14	458.99	0.85			Sandstone as above		0.85	
							TOP OF BOX 95		
	458.99	459.76	0.77					0.77	
	459.76	462.82	3.06			1514' / 461.47		3.06	
	462.82	463.17	0.35			1524' / 464.52		0.35	
							TOP OF BOX 96		
	463.17	464.45	1.28					1.28	
	464.45	465.90	1.45			1529' / 466.04		1.45	
	465.90	467.52	1.62			1534' / 467.56		1.62	
	467.52	468.93	1.41			1539' / 469.09		1.41	
							TOP OF BOX 97		
	468.93	469.03	0.10			1544' / 470.61		0.10	
	469.03	470.52	1.49			Sandstone as above, core highly disturbed by numerous irregular calcite filled fractures; possible fault zone		1.49	
						1549' / 472.14			
	470.52	471.39	0.87			Sandstone light grey, very coarse grained, with one phase of fine grained sandstone at centre, and a granule conglomerate phase toward the base		0.87	
	471.39	471.83	0.44				TOP OF BOX 98	0.44	
	471.83	471.90	0.07					0.07	
	471.90	472.91	1.01			1554' / 473.66		1.01	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7710 SHEET No: 44

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	472.91	473.52	0.61				Sandstone light grey, medium grained, with massive coaly inclusions and pyritic concretions at base	0.61	
	473.52	475.03	1.51			1559' / 475.18		1.51	
	475.02	476.04	1.01			1564' / 476.71		1.01	
							TOP OF BOX 99		
	476.04	476.65	0.61			1569' / 478.23		0.61	
	476.65	478.04	1.39			1574' / 479.76		1.39	
	478.04	479.70	1.66			1579' / 481.28		1.66	
	479.70	480.37	0.67				(Difference in base of hole is due to error in depth markers, possibly one 5ft. run too many further up the hole)	0.67	
	480.37	481.15	0.78				TOP OF BOX 100		
	481.15	482.72	1.57			1584' / 482.80		0.78	
	482.72	484.67	1.95			1589' / 484.33		1.57	
	484.67	485.85	1.18				TOP OF BOX 101	1.95	
						1591' / 484.94		1.18	
	485.85	487.24	1.39			1604' / 488.90		1.39	
	487.24	488.84	1.60					1.60	
	488.84	489.70	0.86				TOP OF BOX 102		
						1612' / 491.34		0.86	
							BASE OF HOLE S.D. 7710		

SAXON PROJECT (SAXON SOUTH)

HOLE NO. 7711 BEARING 040° ANGLE 60° TOTAL DEPTH 266.49
 COORDINATES 6014395.5 N 693707.3 E COLLAR ELEVATION 1984.8

Seam No. 1 Elevation of Seam (Base) 1760.0

Seam Interval: 256.24 - 259.52

True Thickness of Mining Section: 3.08 Coal 2.87 Coal

Rock 0.21 Rock

Core Recovery: 73 % %

INTERSEAM THICKNESS: 15.0

Seam No. 2 Elevation of Seam (Base) 1777.1

Seam Interval: 233.64 - 239.84

True Thickness of Mining Section: 5.22 Coal 4.75 Coal

Rock 0.47 Rock

Core Recovery: 96 % %

INTERSEAM THICKNESS: 22.8

Seam No. 3 Elevation of Seam (Base) 1807.8

Seam Interval: 202.69 - 204.36

True Thickness of Mining Section: 1.26 Coal 1.25 Coal

Rock 0.01 Rock

Core Recovery: 91 % %

INTERSEAM THICKNESS: 38.3

Seam No. 4 Elevation of Seam (Base) 1855.7

Seam Interval: 137.89 - 149.04

True Thickness of Mining Section: 8.48 Coal 8.07 Coal

Rock 0.41 Rock

Core Recovery: 98 % %

INTERSEAM THICKNESS: 35.6

SAXON PROJECT (SAXON SOUTH)

HOLE NO. 7711 BEARING _____ ANGLE _____ TOTAL DEPTH _____
COORDINATES _____ COLLAR ELEVATION _____

Seam No. 5 Elevation of Seam (Base) 1901.6

Seam Interval: 94.85 - 96.05

True Thickness of Mining Section: (0.98) Coal 0.92 Coal _____
Rock 0.06 Rock _____

Core Recovery: 100 % _____ %

INTERSEAM THICKNESS: 7.5

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness of Mining Section: _____ Coal _____ Coal _____
Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS: _____

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness of Mining Section: _____ Coal _____ Coal _____
Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS: _____

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness of Mining Section: _____ Coal _____ Coal _____
Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS: _____

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 1
 DATE BEGUN: 13.6 DEPTH: _____
 DATE FINISHED: 21.6 ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: 60°

BEARING: 040° U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: Dr. M.V. Sperber 6/7/77 CORE SIZE: HQ



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						23'/7.01			
							TOP OF BOX 1		
	7.19	7.49	0.30			Claystone	grey, silty, grading into fine grained sandstone at base plant remains core broken		
		8.64	1.15			Sandstone	grey, fine to medium grained, bands of silty claystone, coaly laminae, 3 calcite filled fractures (52°), calcareous plant fossils (Elatides currifolia)		
						28'/8.53			
		8.71	0.07				as above		
		8.81	0.10			Mud			
		9.13	0.32			Sandstone	grey to dark grey, silty, partly carbonaceous, at base grading into claystone, core broken		
		10.28	1.15			Claystone	grey in the middle part carbonaceous core partly broken weathered		
						33'/10.06			
		11.06	0.78			Sandstone	grey, fine to medium grained, silty bands, compact, plant remains		
		11.29	0.23				grey, medium grained, crossbedding, coaly laminae calcite filled fractures, at base fine grained and calcareous		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 2		
	11.29	11.74	0.45				Sandstone as above		
		11.88	0.14			38' / 11.58	Missing		
		12.66	0.78				Claystone grey, carbonaceous bands, few clay ironstones, weathered		
		13.19	0.53			44' / 13.41	Sandstone grey, fine grained, argillaceous, core broken		
48°		13.86	0.67				Sandstone grey fine grained argillaceous, core broken		
		14.57	0.71			48' / 14.63	Siltstone grey, claystone and sandy bands and laminae, core broken		
		14.86	0.29				Claystone grey to dark grey, weathered (rootings)		
		15.26	0.40				Siltstone grey, many plant remains		
						50' / 15.24			
							TOP OF BOX 3		
50°		15.69	0.43				Claystone dark grey, carbonaceous, weathered, core partly broken		
		16.06	0.37				grey, silty bands, plant remains (sagenopteris)		
		16.88	0.82				as above, with coaly bands, weathered, core partly broken at base carbonaceous		
						55' / 16.76			
		17.43	0.55				brownish grey (oxyd), silty, plant remains, weathered		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7711 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	17.43	17.73	0.30				dark grey, carbonaceous, coaly bands, core broken		
		17.96	0.23				Missing		
		18.41	0.45				Siltstone grey, coal streaks		
		18.57	0.16		60'/18.29		as above		
		19.14	0.57				Missing		
		19.93	0.79				Claystone grey to dark grey, coal streaks, weathered		
		20.00	0.07		65'/19.81		Siltstone grey, argillaceous, coaly bands		
		20.88	0.88				<u>TOP OF BOX 4</u> Claystone dark grey, carbonaceous, weathered, core broken		
		21.04	0.16				Missing		
		21.46	0.42				Siltstone brownish grey, plant remains, core broken, weathered		
		21.69	0.23				as above		
		21.92	0.23				Claystone dark grey, carbonaceous, coal bands		
50°		22.90	0.98				grey, silty, plant remains, clay ironstone		
		23.04	0.14				with coal, core pulverized		
		23.32	0.28		75'/22.86		Missing		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7710 SHEET No: 10

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	129.92	130.57	0.65				Sandstone medium grained, light grey, with numerous irregular coaly inclusions throughout, an irregular calcite filled fractures usually subperpendicular to bedding	2.52	
	130.57	133.09	2.52			436' / 132.89			
							TOP OF BOX 23		
	133.09	133.48	0.39					0.39	
	133.48	133.64	0.16				Siltstone dark grey with interbeds of black, carbonaceous claystone throughout, core intensely broken, with irregular calcite filled fractures and slickensides	0.16	
	133.64	135.08	1.44			446' / 135.94			
						452' / 137.77			
	135.08	136.08	1.00				Core missing rock	(1.00)	
	136.08	136.19	0.11				Breccia tectonic; fine grained sandstone and grey siltstone forming rotated blocks in a matrix of calcite		
	136.19	136.51	0.32				Core missing rock	(0.32)	
	136.51	137.06	0.55				Sandstone medium grained, light grey, with coaly wisps, numerous irregular calcite filled fractures throughout	0.55	
	137.06	137.10	0.04				Claystone black, carbonaceous; intensely sheared and slickensided	0.04	
						456' / 138.99			
	137.10	138.02	0.92				Core missing rock	(0.92)	
	138.02	139.02	1.00				Siltstone black, carbonaceous, with irregular coaly inclusions, heavily sheared with some slickensides	(1.00)	
	139.02	139.30	0.28					0.28	
							TOP OF BOX 24		
	139.30	139.83	0.53					0.53	
						461' / 140.51			
	139.83	140.29	0.46					0.46	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7710 SHEET No: 11

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	140.29	140.61	0.35				Siltstone as above, unsheared	0.35	
	140.64	140.89	0.25				Sandstone fine grained, light grey interbeds of grey silt-	0.25	
					466' /	42.04	stone with phases of carbonaceous siltstone through-		
	140.89	143.58	2.69				out, small scale faulting, irregular calcite filled	2.69	
					475' /	44.78	fractures prominent throughout		
	143.58	143.68	0.10					0.10	
							<u>TOP OF BOX 25</u>		
	143.68	143.72	0.04					0.04	
	143.72	145.36	1.64				Claystone dark grey, interbedded with grey claystone,	1.64	
					480.5 /	146.46	some calcite filled fractures perpendicular and		
	145.36	146.14	0.78				parallel to bedding	0.78	
	146.14	147.14	1.00				Core missing rock	(1.00)	
	147.14	147.48	0.34				Sandstone medium grained, light grey, brecciated with	0.34	
							calcite filled fractures		
							<u>BASE OF TECTONIC DISTURBANCE</u>		
	147.48	148.40	0.92				Sandstone as above unbrecciated	0.92	
	148.40	149.04	0.64				Claystone carbonaceous with numerous interbeds of	0.64	
							noncarbonaceous claystone		
29 ⁰	149.04	149.10	0.06				Siltstone dark grey, sandy phases and interbeds of	0.06	
							claystone throughout		
							<u>TOP OF BOX 26</u>		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. SD 7710 SHEET No: 12
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 26		
	149.10	150.72	1.62				Siltstone	as above, some phases of dark grey claystone	1.62
					496' /	51.18			
	150.72	152.52	1.80						1.80
					501' /	52.70			
	152.52	152.37	0.85						0.85
							TOP OF BOX 27		
	153.37	153.79	0.42						0.42
					506' /	54.23			
	153.79	155.94	2.15				Siltstone	as above, bedding irregular	2.15
45°	155.94	155.72	0.78				Sandstone	fine grained, with interbeds of grey, sandy siltstone	0.78
					516' /	57.28			
	156.72	156.93	0.21						0.21
	156.93	157.77	0.84				Siltstone	as above	0.84
							TOP OF BOX 28		
	157.77	158.93	1.16						1.16
	158.93	159.84	0.91				Sandstone	as above	0.91
					526' /	60.32			
	159.84	159.88	0.04						0.04
	159.88	161.72	1.84				Claystone	dark grey, sandy, carbonaceous phases with coaly inclusions, phases of grey siltstone	1.84
	161.72	162.05	0.33				Sandstone	medium grained, dark grey, numerous irregular interbeds and phases of dark grey claystone throughout	0.33
							TOP OF BOX 29		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. SD 7710 SHEET No: 13

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 29</u>		
	162.05	162.99	0.94					0.94	
	162.99	164.22	1.23		536' /	163.37	Sandstone as above, bedding irregular	1	23
	164.22	164.30	0.08				Claystone black, carbonaceous, fossiliferous with bright coal bands; calcite veins in fractures at right angles to bedding	0.08	
					541' /	164.90			
	164.30	164.71	0.41				Sandstone light grey, coarse grained, cross bedded with coaly wisps throughout and large coaly inclusions	0.41	
	164.71	165.74	1.03				Claystone black, carbonaceous with bright coal bands, phases of grey siltstone throughout	1.03	
22°	165.74	166.21	0.47					0.47	
					548' /	167.03	<u>TOP OF BOX 30</u>		
	166.21	167.24	1.03				Sandstone light grey, medium grained, with some interbeds of grey claystone, coaly wisps in the lower half	1.03	
	167.24	168.54	1.30					1.30	
					556' /	169.47			
	168.54	169.45	0.91				Claystone carbonaceous, black, sandy with phases of sandy siltstone throughout	0.91	
	169.45	170.47	1.02				Sandstone light grey, medium grained, cross bedded, coaly wisps throughout	1.20	
							<u>TOP OF BOX 31</u>		
	170.47	171.62	1.15					1.15	
					566' /	172.52			
	171.62	172.53	0.91					0.91	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7710 SHEET No: 14

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	172.53	173.69	1.16				Claystone dark grey with numerous interbeds of grey siltstone throughout, plant fossils	1.16	
22°	173.69	174.72	1.03				Sandstone fine grained, light grey, cross bedded with some interbeds of grey claystone	1.03	
					576'	175.56	TOP OF BOX 32		
	174.72	175.71	0.99					0.99	
	175.71	177.25	1.54				Siltstone grey, sandy with some interbeds of grey claystone, phases of fine grained carbonaceous sandstone throughout, coarse worm burrows in sandstone phase, bedding disturbed by bioturbation	1.54	
28°	177.25	177.70	0.45				Claystone dark grey, with numerous interbeds of grey siltstone throughout	0.45	
					586'	178.61			
	177.70	178.83	1.13					1.33	
							TOP OF BOX 33		
	178.83	179.44	0.61					0.61	
							Sandstone coarse grained, with abundant, irregular, coaly incl. and large rounded concretions		
	179.44	179.71	0.27					0.27	
	179.71	180.77	1.06				Siltstone grey, with frequent interbeds of dark grey, fossiliferous claystone; minor calcite filled fractures	1.06	
					596'	181.66			
	180.77	182.19	1.42					1.42	
	182.19	182.88	0.69				Claystone dark grey with a few interbeds of grey siltstone, frequent brown concretions	0.69	
	182.88	183.74	0.86					0.86	
					606'	184.71	TOP OF BOX 34		
	183.74	184.00	0.26					0.26	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7710 SHEET No: 15

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	184.00	185.18	1.18				Sandstone light grey, medium to fine grained, with interbeds of grey claystone frequent in top half, bedding irregular at base	1.18	
	185.18	186.28	1.10			616' / 187.76	Claystone as above	1.10	
	186.28	186.51	0.23					0.23	
33°	186.51	186.83	0.32				Sandstone as above	0.32	
							Siltstone dark grey, with frequent interbeds of light grey, medium grained sandstone, bedding of sandstone irregular		
	186.83	187.16	0.33					0.33	
							TOP OF BOX 35		
	187.16	188.62	1.46					1.46	
	188.62	189.38	0.76			626' / 181.72		0.76	
	189.38	190.32	0.94					0.94	
31°	190.32	190.90	0.58				Claystone carbonaceous with zones of broken concretions and phases and interbeds of grey siltstone		
						631' / 191.33			
	190.90	191.52	0.62					0.62	
							TOP OF BOX 36		
	191.52	192.71	1.19					1.19	
	192.71	193.13	0.42				Sandstone light grey, lithic, medium grained, cross bedded with coaly wisps	0.42	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. SD 7710 SHEET No: 16

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
40°	193.13	193.17	0.04				Siltstone grey, with coaly bands, numerous phases and interbeds of grey claystone, phases of sandstone with irregular bedding	0.04	
						640' / 195.07			
	193.17	195.95	2.78					2.78	
							TOP OF BOX 37		
	195.95	196.32	0.37					0.37	
	196.32	197.84	1.52					1.52	
	197.84	198.76	0.92				Claystone dark grey, sandy, fossiliferous, weathers extremely rapidly	0.92	
27°	198.76	199.43	0.67				Sandstone grey, medium grained, numerous inclusions of grey siltstone in the top half, coaly wisps and inclusion toward base	0.67	
						660.5' / 201.32			
	199.43	200.27	0.84					0.84	
							TOP OF BOX 38		
	200.27	202.05	1.78					1.78	
	202.05	202.10	0.05				Claystone dark grey, carbonaceous with numerous bright coal bands, phases of grey siltstone throughout, fine sandstone phases toward base, frequent slickensides on bedding planes	0.05	
						670' / 204.22			
	202.10	204.12	2.02					2.02	
						677' / 206.35		0.42	
	204.12	204.54	0.42						
							TOP OF BOX 39		
	204.54	206.60	2.06				Sandstone light grey, medium grained, cross bedded with coaly wisps throughout, and large bright coal inclusion prominent toward base; phases of calcite filled fractures	2.06	
						687' / 209.40			
	206.60	208.63	2.03					2.03	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7710 SHEET No: 17

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	208.63	208.72	0.09				Sandstone as above, core broken and tectonically disturbed	0.09	
							<u>TOP OF BOX 40</u>		
	208.72	209.20	0.48					0.48	
						696' / 212.14			
	209.20	209.30	0.10					0.10	
	209.30	209.75	0.45				Breccia tectonic, sandstone as above forming rotated blocks in a calcite matrix	0.45	
	209.75	210.75	1.00				Core loss rock	(1.00)	
	210.75	212.42	1.67				Sandstone as above undisturbed	1.67	
	212.42	213.38	0.96					0.96	
						706' / 215.19			
	213.38	213.56	0.18					0.18	
	213.56	214.56	1.00				Core loss rock	(1.00)	
	214.56	214.71	0.15				Breccia sandstone as above	0.15	
							Claystone dark grey with frequent interbeds of grey siltstone, bright coal bands, core broken with slickensides on bedding planes and fractures		
	214.71	214.82	0.11					0.11	
							<u>TOP OF BOX 41</u>		
						707' / 215.49			
	214.82	215.56	0.74					0.74	
						710' / 216.41			
	215.56	215.88	0.32					0.32	
40°	215.88	217.11	1.23				Sandstone light grey, medium grained, coaly wisps throughout, cross bedded	1.23	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. SD 7710 SHEET No: 18

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	217.11	217.41	0.30				Claystone as above	0.30	
						716' / 218.24			
	217.41	217.63	0.22				Sandstone light grey, medium grained with irregular interbeds of fine grained sandstone and siltstone throughout	0.22	
	217.63	218.76	1.13					1.13	
							TOP OF BOX 42		
	218.76	220.42	1.66					1.66	
						726' / 221.28			
	220.42	222.95	2.53					2.53	
							TOP OF BOX 43		
	222.95	223.49	0.54					0.54	
						736' / 224.33			
	223.49	226.59	3.10					3.10	
						746' / 227.38			
	226.59	227.22	0.63					0.63	
							TOP OF BOX 44		
45°	227.22	228.54	1.32				Claystone dark grey, with phases of grey siltstone toward top, grades into units above and below	1.32	
						752.5 / 229.36			
	228.54	228.68	0.14					0.14	
	228.68	229.94	1.26				Sandstone grey, fine grained, with interbeds of grey claystone throughout	1.26	
25°	229.94	231.50	1.56				Sandstone light grey, medium grained, cross bedded with coaly wisps and irregular coaly inclusions	1.56	
							TOP OF BOX 45		
	231.50	231.67	0.17					0.17	
						762.5 / 232.41			
	731.67	233.36	1.69					1.69	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7710 SHEET No: 19

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	233.36	233.85	0.49				Claystone	black, carbonaceous with some interbeds of grey siltstone	0.49	
	233.85	234.53	0.68				Siltstone.	grey with numerous irregular interbeds of grey claystone	0.68	
	234.53	234.74	0.21				Sandstone	light grey, medium grained, coaly inclusions throughout and frequent irregular interbeds of siltstone throughout	0.21	
					773'	235.61		<u>TOP OF BOX 46</u>	1.12	
	234.74	235.86	1.12						1.71	
	235.86	237.57	1.71							
	237.57	237.76	0.19				Claystone	black, carbonaceous with plant fossils, bright coal throughout, frequent phases of grey siltstone toward top disappearing toward base, slickensides on some bedding planes	0.19	
					783'	238.66			1.49	
	237.76	239.25	1.49							
					789'	240.49			0.76	
	239.25	240.01	0.76							
	240.01	240.20	0.19				Claystone	black, carbonaceous, with bright coal bands	0.19	
								<u>TOP OF BOX 47</u>		
	240.20	240.31	0.11				Core missing	coal	(0.11)	
	240.31	240.35	0.04				Coal	boney	0.04	
	240.35	240.76	0.41				Claystone	as above	0.41	
	240.76	240.80	0.04				Siltstone	grey, with numerous coaly inclusions	0.04	
	240.80	242.40	1.60				Core missing	rock	(1.60)	
	242.40	242.85	0.45				Core missing	coal	(0.45)	
	242.85	242.90	0.05				Coal	dull and bright	0.05	
	242.90	243.07	0.17				Claystone	carbonaceous as above, core broken and slickensided	0.17	
					800'	243.84				
	243.07	243.84	0.77						0.77	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7710 SHEET No: 20
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						806' / 245.69			
	243.84	245.20	1.36				Core missing	rock	(1.36)
	245.20	245.35	0.15				Claystone	as above	0.15
	245.35	245.53	0.18				Core missing	coal	(0.18)
	245.53	245.61	0.08				Coal	dull and bright	0.08
	245.61	245.71	0.10					dull banded	0.10
	245.71	245.84	0.13					dull and bright	0.13
	245.84	246.01	0.17					dull	0.17
	246.01	246.27	0.26		#10			dull banded	0.26
	246.27	246.40	0.13					dull and bright	0.13
	246.40	246.46	0.06				Claystone	carbonaceous, as above	0.06
	246.46	246.50	0.04				Sandstone	light grey, medium grained	0.04
32 ⁰	246.50	246.61	0.11				Claystone	carbonaceous, as above	0.11
	246.61	247.19	0.58				Sandstone	light grey, coarse grained, cross bedded, coaly throughout, irregular coaly inclusions towards base	0.58
	247.19	247.47	0.28				Claystone	carbonaceous with bright coal bands and phases of grey siltstone	0.28
	247.47	249.34	1.87				Sandstone	light grey, fine to medium grained, with frequent irregular interbeds of grey siltstone and claystone throughout	1.87
	249.34	250.82	1.48			826' / 251.76			1.48

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7710 SHEET No: 21
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 49</u>		
	250.82	252.48	1.66			Sandstone as above	1.66		
					836'	254.81			
	252.48	254.36	1.88				1.88		
	254.36	255.07	0.71			Claystone dark grey, frequent carbonaceous phases, interbeds of grey siltstone toward top, bright coal bands throughout	0.71		
	255.07	256.07	1.00			Core missing rock	(1.00)		
							<u>TOP OF BOX 50</u>		
	256.07	256.59	0.52				0.52		
					846'	257.86	pyritiferous		
	256.59	259.51	2.92				2.92		
					856'	260.91			
	259.51	260.12	0.61				0.61		
40°	260.12	260.36	0.24			Siltstone grey, with phases of fine grained sandstone and interbeds of claystone	0.24		
							<u>TOP OF BOX 51</u>		
	260.36	261.17	0.81				0.81		
	261.17	261.44	0.27			Claystone black carbonaceous numerous bright coal bands, subfissile (tectonic)	0.27		
					862'	262.74			
	261.44	261.93	0.49				0.49		
	261.93	263.10	1.17			Core missing rock	(1.17)		
	263.10	263.28	0.18		↑	Core missing coal	(0.18)		
	263.28	263.40	0.12		↓	Coal dull and bright	0.12		
	263.40	263.62	0.22			Claystone carbonaceous as above	0.22		
					866'	263.96			
	263.62	263.71	0.09				0.09		
	263.71	264.79	1.08			Siltstone grey with phases of fine grained sandstone and bright coal bands	1.08		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7710 SHEET No: 22

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	264.79	265.76	0.97				Sandstone light grey, medium grained, with large irregular inclusions in top half, grey claystone interbeds toward base	0.97	
	265.76	265.81	0.05				Siltstone as above, grades into carbonaceous claystone at base	0.05	
	265.81	266.26	0.45				<u>TOP OF BOX 52</u>	0.45	
						876' / 267.00			
	266.26	266.56	0.30					0.30	
	266.56	266.88	0.32				Sandstone as above with large irregular calcite filled fractures throughout, tectonically disturbed	0.32	
	266.88	268.83	1.95				Siltstone grey with phases and interbeds of fossiliferous, grey claystone and light grey sandstone throughout	1.95	
						886' / 270.05			
	268.83	269.89	1.06				<u>TOP OF BOX 53</u>	1.06	
	269.89	270.40	0.51					0.51	
	270.40	270.84	0.44				Sandstone light grey, fine grained, cross bedded with interbeds of grey siltstone, grades to siltstone at base	0.44	
28°	270.84	271.35	0.51				Claystone dark grey, with frequent interbeds of grey siltstone and bright coal bands	0.51	
	271.35	271.79	0.44				Sandstone light grey, medium grained with grey siltstone interbeds toward top, and irregular coaly inclusion toward base	0.44	
						896' / 273.10			
	271.79	273.56	1.77					1.77	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7710 SHEET No: 23

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	273.56	274.12	0.56				Claystone as above	0.56	
							<u>TOP OF BOX 54</u>		
	274.12	274.53	0.41			905' / 275.84		0.41	
	274.53	275.77	1.24					1.24	
	275.77	277.72	1.95				Siltstone grey with frequent interbeds of grey claystone	1.95	
						915.5' / 279.04	throughout, bedding regular		
	277.72	278.49	0.77					0.77	
							<u>TOP OF BOX 55</u>		
	278.49	280.92	2.43					2.43	
						926' / 282.24			
	280.92	282.29	1.37					1.37	
	282.29	282.64	0.35				Claystone carbonaceous, fossiliferous, sandy at top, intensely sheared at base	0.35	
	282.64	282.89	0.25				Core missing claystone	(0.25)	
32°	282.89	283.19	0.30				Sandstone fine grained with interbeds of grey siltstone throughout, a few phases of carbonaceous claystone in the lower half	0.30	
							<u>TOP OF BOX 56</u>		
	283.19	283.95	0.76					0.76	
						936' / 285.29			
	283.95	285.57	1.62					1.62	
						942' / 287.12			
	285.57	285.76	0.19					0.19	
	285.76	287.58	1.82				Sandstone light grey, medium grained, cross bedded, with coaly wisps and interbeds of grey siltstone toward the top	1.82	
							<u>TOP OF BOX 57</u>		
	287.58	288.38	0.80					0.80	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7710 SHEET No: 24

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	288.38	288.66	0.28				Sandstone as above, fine grained, with large calcite filled fracture at top	0.28	
	288.66	290.78	2.12			952' / 290.17		2.12	
	290.78	291.23	0.45				Sandstone as above, medium grained	0.45	
	291.23	291.52	0.29				Sandstone as above, fine grained	0.29	
	291.52	291.80	0.28			962' / 293.22		0.28	
	291.80	292.92	1.12				<u>TOP OF BOX 58</u>	1.12	
	292.92	293.54	0.62			966' / 294.44		0.62	
	293.54	294.32	0.78				Claystone carbonaceous, subfissile with plant fossils, coaly bands toward base, slickensides on bedding planes	0.78	
	294.32	294.72	0.40				Sandstone light grey, medium grained with coaly wisps and inclusions	0.40	
	294.72	295.09	0.37				Sandstone as above, core broken, with numerous calcite filled fractures	0.37	
	295.09	296.09	1.00				Core missing rock	1.00	
	296.09	296.77	0.68				Sandstone as above, core unbroken	0.68	
	296.77	297.10	0.33			976' / 297.48		0.33	
	297.10	297.84	0.74				<u>TOP OF BOX 59</u>	0.74	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7710 SHEET No: 25

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
30 ^U	297.84	301.42	3.58				Siltstone	grey with interbeds of grey claystone and fine grained sandstone throughout	3.58	
							TOP OF BOX 60			
	301.42	302.62	1.20						1.20	
						996'	303.58			
	302.62	303.87	1.25						1.25	
	303.87	305.57	1.70				Sandstone	grey, medium grained, with frequent irregular interbeds of grey siltstone throughout; bedding	1.70	
						1006'	306.63			
	305.57	305.72	0.15					disturbed, probably by plant rootlets	0.15	
							TOP OF BOX 61			
	305.72	308.15	2.43						2.43	
	308.15	308.31	0.16				Claystone	black, carbonaceous with bright coal bands prominent toward base, and zones of pyritic concretions;	0.16	
	308.31	309.61	1.30					phases of slickensides	1.30	
							TOP OF BOX 62			
	309.61	310.04	0.43						0.43	
	310.04	310.72	0.68	0.59			Core missing	coal	(0.68)	
	310.72	310.86	0.14	0.12			Coal	dull and bright core very badly broken	0.14	
	310.86	310.91	0.05	0.04			Claystone	as above, carbonaceous	0.05	
						#4				
	310.91	310.98	0.07	0.06			Coal	dull and bright	0.07	
(30 ⁰)	310.98	311.07	0.09	0.08				dull banded	0.09	
						1024'	312.12			
	311.07	311.18	0.11	0.10				dull and bright	0.11	
					4.1.1					
	311.18	311.22	0.04	0.03	915			bright	0.04	

3/8/77

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7710 SHEET No: 26

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						#1	Coal Continued:		
(30°)	311.22	311.35	0.13	0.11			Dull and bright	0.13	
	311.35	311.41	0.06	0.05			dull	0.06	
	311.41	311.53	0.12	0.10			dull and bright	0.12	
	311.53	311.60	0.07	0.06			bright banded	0.07	
	311.60	312.95	1.35	1.17	↓	↓	Core missing	(1.35)	
	312.95	313.68	0.73			1029' / 313.64	Claystone	as above, carbonaceous	0.73
30°							Sandstone	grey, medium grained, with numerous interbeds of grey claystone throughout, and frequent irregular calcite filled fractures throughout	
	313.68	315.83	2.15						2.15
								<u>TOP OF BOX 63</u>	
	315.83	316.49	0.66						0.66
	316.49	316.58	0.09				Claystone	dark grey, carbonaceous with bright coal at top grading to siltstone at base	0.09
						1041' / 317.30			
	316.58	317.35	0.77						0.77
	317.35	317.45	0.10				Siltstone	grey with numerous interbeds and phases of irregularly bedded, light grey sandstone throughout	0.10
						1046' / 318.82			
	317.45	319.12	2.67					and some claystone phases	2.67
								<u>TOP OF BOX 64</u>	
	319.12	319.39	0.27						0.27
	319.39	319.79	0.40						0.40

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7710 SHEET No: 27
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	319.79	320.31	0.52				Siltstone as above, with numerous irregular concretions and brecciation at base	0.52	
	320.31	321.08	0.77					0.77	
	321.08	323.66	2.58				Sandstone light grey, medium grained, with irregular interbeds of grey siltstone throughout	2.59	
						1066'	324.92		
	323.66	324.34	0.68					0.68	
							TOP OF BOX 65		
	324.34	326.35	2.01					2.01	
	326.35	326.78	0.43				Siltstone as above	0.43	
						1076'	327.96		
	326.78	328.80	2.02					2.02	
							TOP OF BOX 66		
	328.80	330.38	1.58					1.58	
							Sandstone light grey, medium grained, with occasional coaly wisps, some crossbedding and siltstone phases and interbeds towards the top	2.54	
	330.38	332.92	2.54			1096'	334.06		
							TOP OF BOX 67		
	332.92	335.99	3.07					3.07	
						1106'	337.11		
	335.99	337.21	1.22					1.22	
							TOP OF BOX 68		
	337.21	337.44	0.23					0.23	
	337.44	338.99	1.55				Sandstone light grey, coarse grained, with numerous very large, coaly inclusions throughout, and bands of granule conglomerate toward base	1.55	
						1116'	340.16		
	338.99	341.22	2.23					2.33	
							TOP OF BOX 69		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7710 SHEET No: 28

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 69</u>		
	341.22	342.04	0.82				Sandstone as above	0.82	
					1126'	343.20			
	342.04	345.03	2.99					2.99	
					1136'	346.25			
	345.03	345.29	0.26					0.26	
							<u>TOP OF BOX 70</u>		
	345.29	348.28	2.99					2.99	
					1146'	349.30			
	348.28	349.59	1.31					1.31	
							<u>TOP OF BOX 71</u>		
	349.59	351.11	1.52					1.52	
					1156'	352.35			
	351.11	352.04	0.93					0.93	
	352.04	353.56	1.52				Sandstone as above, medium grained	1.52	
	353.56	353.74	0.18				Claystone black, carbonaceous with bright coal bands	0.18	
							<u>TOP OF BOX 72</u>		
	353.74	354.18	0.44					0.44	
					1166'	355.40			
	354.18	354.33	0.15					0.15	
					1167'	355.70			
	354.33	358.87	1.54				Core missing coal	(1.54)	
	355.87	356.00	0.13		#3		Coal dull and bright	0.13	
	356.00	356.22	0.22				Claystone as above, carbonaceous	0.22	
					1172'	357.23			
	356.22	356.36	0.14					0.14	
							Sandstone fine grained with numerous interbeds of grey siltstone, bedding disturbed by rootlets		
	356.36	357.10	0.74					0.74	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7710 SHEET No: 29

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	357.10	357.48	0.38				Claystone carbonaceous, with bright coal bands, and thin grey claystone interbeds at the top	0.38	
	357.48	357.60	0.12			1176' / 358.44		0.12	
32°	357.60	358.12	0.52				Siltstone grey, with frequent interbeds of dark grey claystone	0.52	
	358.12	358.85	0.73				Claystone carbonaceous, with bright coal bands and a few phases of grey siltstone; slickensides in bedding surfaces	0.73	
						1181' / 359.97			
	358.85	359.07	0.22				pyrite filled worm burrows	0.22	
							TOP OF BOX 73		
	359.07	359.88	0.81			1185' / 361.19		0.81	
	359.88	359.93	0.05					0.05	
	359.93	361.47	1.54				Siltstone grey, fine grained, with phases of light grey sandstone throughout, and interbeds of dark grey claystone	1.54	
						1190' / 362.71			
	361.47	362.32	0.85					0.85	
20°	362.32	362.70	0.38				Sandstone fine grained, with numerous irregular interbeds of grey siltstone throughout; calcite filled fractures at right angles to base	0.38	
	362.70	363.11	0.41				Sandstone light grey, medium grained, cross bedded with coaly wisps throughout	0.41	
						1195' / 364.24			
	363.11	363.42	0.31					0.31	
							TOP OF BOX 74		
	363.42	365.31	1.89					1.89	
	365.31	366.13	0.82				Sandstone as above, fine grained	0.82	
						1205' / 367.28			
	366.13	366.43	0.30					0.30	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7711 SHEET No: 4

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	23.32	24.56	1.24				Claystone grey, silty, weathered, at top claystone and coal		
						80'/24.38			
							TOP OF BOX 5		
		24.89	0.33				dark grey, carbonaceous		
52°		25.39	0.50				Siltstone brownish grey		
		25.69	0.30				Iron claystone concretions in silty matrix		
		25.89	0.20				Claystone dark grey, silty, carbonaceous, core broken		
						85'/25.91			
		26.09	0.20				Missing		
		26.16	0.07				as above		
		26.59	0.43				Claystone dark grey, partly carbonaceous, iron claystone		
		26.89	0.30				dark grey to black, very carbonaceous, weathered, core broken		
		27.40	0.51				Missing		
		27.61	0.21				Coal weathered		
						90'/27.43			
		27.92	0.31				Claystone and Coal weathered, core pulverized		
		28.42	0.50				Claystone grey weathered (sample G11-1)		
		28.66	0.24				grey to dark grey, silty, sheared, core broken		
						95'/28.96			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	28.66	29.14	0.48				Missing		
		29.24	0.10				Claystone dark grey, carbonaceous, core pulverized		
36°		29.76	0.52				Siltstone grey, sandy, coaly layers, plant remains (sample G11-2)		
							TOP OF BOX 6		
		30.08	0.32				as above, at base carbonaceous		
		30.38	0.30				Sandstone grey, fine grained, dark grey claystone laminae		
		30.48	0.10				Claystone dark grey, core broken		
		30.57	0.09		100' / 30.48		Missing		
		30.91	0.34				grey, silty at base, sandy, compact, calcareous		
38°		32.17	1.26				Sandstone grey, fine to medium grained, laminated, silty bands calcareous, compact small crossbedding units at base		
					105' / 32.00				
45°		32.79	0.62				as above		
		33.43	0.64				Siltstone grey, sandy laminae		
		33.69	0.26				Sandstone grey, fine to medium, CaCo3 filled fractures, compact		
					110' / 33.53				
		33.95	0.26				as above		
		34.00	0.05				Siltstone grey, coaly laminae		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 6

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 7</u>		
	34.00	34.04	0.04				as above		
42°		34.44	0.40				Sandstone grey, fine grained, silty bands		
		34.63	0.19				Siltstone grey		
		34.81	0.18				Sandstone grey, fine to medium grained, CaCo3 filled fractures		
		35.13	0.32				Siltstone dark grey, coal strikes, sheared		
		35.27	0.14				Sandstone grey, fine to medium grained		
47°		36.75	1.48		115' / 35.05		grey, fine grained, claystone laminae, bedding sometimes disturbed CaCo3 filled fractures		
					120' / 36.58				
		36.92	0.17				as above		
		37.08	0.16				Siltstone brownish grey, sandy		
		37.23	0.15				Claystone grey, coal streaks		
		37.53	0.30				Sandstone grey, fine grained, siltstone laminae		
		37.73	0.20				Claystone dark grey, carbonaceous, coal streaks		
		38.19	0.46				Sandstone grey, fine grained, calcareous, argillaceous and sheared at base, core broken		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 8</u>		
	38.19	38.31	0.12				as above, sheared, core broken		
40°		39.75	1.44		125'	38.10	grey, fine grained, silty interlayers, well laminated, small crossbedding units, few worm burrows		
		40.33	0.58		130'	39.62	Claystone dark grey, carbonaceous, slickensides, at base silty		
		40.68	0.35				Siltstone brownish grey, iron claystones, grading into sandstone		
		41.27	0.59				Sandstone grey, fine - medium grained		
		41.73	0.46		135'	41.15	as above		
		41.82	0.09				Claystone dark grey, carbonaceous		
		42.12	0.30				Sandstone grey, fine - medium grained, laminated with siltstone and claystone bands		
							<u>TOP OF BOX 9</u>		
59°		42.77	0.65				as above		
		43.37	0.60		140'	42.67	grey, fine grained, grading into siltstone, coal streaks, plant remains, bedding disturbed by slumping		
		43.53	0.16				brownish grey, fine grained, coal streaks, many CaCo3 filled fractures, brecciated		
		43.76	0.23				grey, fine grained, well laminated, CaCo3 filled fractures		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	43.76	44.25	0.49				brownish grey, fine to medium grained, brecciated		
		44.68	0.43		145'	44.20	many CaCo3 filled fractures, iron claystone at base as above		
		44.91	0.23				Siltstone dark grey, listric surfaces, CaCo3 filled fractures		
		45.76	0.85				Sandstone grey, fine to medium, coal streaks, CaCo3 filled fractures		
		45.99	0.23		150'	45.72	Grey, medium grained, coal streaks		
		46.24	0.25				Siltstone grey, plant remains, slickensides		
		47.30	1.06				Sandstone grey, fine grained with silty bands, calcareous at base, medium grained		
	47.30	47.66	0.36		155'	47.24	grey, fine grained, well laminated, few crossbedding units		
		47.76	0.10				Claystone dark grey, carbon.		
		48.12	0.36				Sandstone grey, medium grained		
		48.56	0.44				Siltstone grey, coal streaks at base grading into carb. claystone		
		48.75	0.19				Sandstone grey, fine grained		
		48.89	0.14		160'	48.77	as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 9

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
		49.03	0.14				Siltstone	dark grey, coal streaks		
	49.03	49.93	0.90				Sandstone	grey, fine to medium grained, few coal streaks		
		50.05	0.12				Claystone	dark grey, carb.		
		50.34	0.29				Sandstone	grey, fine grained, well laminated, worm burrows		
					165'	50.29	<u>TOP OF BOX 11</u>			
		50.57	0.23					as above		
		50.91	0.34				Siltstone	grey, sandy, calcareous at top, carb. at base, plant remains		
		51.84	0.93				Sandstone	grey, fine to medium grained, laminated		
					170'	51.82				
		51.88	0.04				Claystone	dark grey, carb.		
		52.05	0.17				Sandstone	grey, fine grained, calcareous		
		52.25	0.20				Claystone	dark grey, carb.		
38°		52.85	0.60				Sandstone	grey, laminated, coal streaks, fine grained		
		53.09	0.24				Siltstone	grey, carb. at base		
20°	53.09	53.35	0.26				Sandstone	grey, medium grained		
					175'	53.34				
		54.46	1.11					grey, fine to medium grained, small crossbedding units, few worm burrows		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 10

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 12</u>		
35°	54.46	54.72	0.26				Sandstone grey, fine grained, laminated		
	54.72	54.78	0.06			180' / 54.86	Siltstone dark grey		
	54.78	55.15	0.37				grey, coal streaks, slickensides		
40°	55.15	55.75	0.60				Sandstone grey, fine grained, silty, calcite filled fracture		
	55.75	55.87	0.12				Siltstone grey, plant remains, calcareous		
	55.87	56.30	0.43				Sandstone grey to light grey, fine to medium grained, laminated CaCO ₃ filled fractures, slickensides, core broken		
						185' / 56.39			
30°	56.30	56.76	0.46				grey, fine grained, laminated, plant remains		
	56.76	57.29	0.53				Siltstone dark grey, claystone bands, coal streaks		
	57.29	57.84	0.55				grey sandy		
						190' / 57.91			
35°		58.06	0.22				grey, slickensides		
		58.41	0.35				Claystone grey		
		58.64	0.23				Siltstone grey		
							<u>TOP OF BOX 13</u>		
		59.44	0.80				Claystone grey, silty, coaly bands		
						195' / 59.44			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 11

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	59.44	60.84	1.40				Claystone grey to dark grey, partly silty, coal streaks, plant remains, calcareous		
	60.84	69.96	0.12				Core missing		
	60.96	61.10	0.14			200'/60.96	as above		
	61.10	61.43	0.33				Coal and Siltstone and Claystone core broken		
		62.09	0.66				Core missing		
		62.48	0.39				Siltstone grey		
						205'/62.48			
		62.83	0.35				Claystone dark grey, carb., weathered		
		63.01	0.18				Core missing		
		64.01	1.00				Sandstone grey, fine to medium grained, medium grained at base		
						210'/64.01			
		65.18	1.17				grey, medium grained, CaCo3 filled fractures (fractures partly open), core partly broken, inverse bedding		
						214'/65.23			
	65.18	66.74	1.56				grey, medium grained, coal streaks, fractures partly filled with CaCo3, partly open, core broken in the upper part		
						220'/67.06	Core missing		
		68.19	1.18				grey, medium grained, coal streaks		
							<u>TOP OF BOX 15</u>		
		68.59	0.40				as above		
						225'/68.58			
45°/17°/20°		70.11	1.52				as above, cross bedded		
						230'/70.10			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 12

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	70.11	70.53	0.42				as above, carb. with "reworked claystone"		
35°		71.25	0.72				Claystone dark grey to black, carb., silty, plant remains		
		71.63	0.38			235'/71.63	Core missing		
44°		72.68	1.05				Siltstone grey to dark grey, coal streaks, plant remains		
		73.13	0.45			240'/73.15	TOP OF BOX 16		
		73.75	0.62				as above		
		74.10	0.35				Claystone grey to dark grey, silty, partly carb.		
		74.65	0.55				Siltstone grey		
		74.93	0.28			245'/74.68	Claystone grey to dark grey, coal streaks, plant remains		
		75.20	0.27				dark grey, carb., coal streaks, listric surfaces		
		75.65	0.45				Siltstone grey sandy CaCo3 filled fractures		
		76.17	0.52				Claystone grey to dark grey, core broken		
		76.17	0.52			250'/76.20	Core missing		
	76.17	76.53	0.36				as above, core broken		
		77.59	1.06				Sandstone grey, fine to medium grained, coaly bands, siltstone intercalations, core broken		
36°		77.69	0.10				TOP OF BOX 17		
		77.72				255'/77.72	Siltstone grey, CaCo3 filled fracture		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 13

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	77.69	77.89	0.20				Siltstone	grey, calcite filled fractures, core broken		
		78.17	0.28				Claystone	grey, clay ironstone concretions, core broken		
		78.47	0.30				Siltstone	grey, core broken		
31°43'		79.07	0.60				Claystone	grey, clay ironstone, concretions, core broken		
		79.25	0.18			260' / 79.25	Core missing			
		79.39	0.14				Coal	stoney, weathered		
		79.42	0.03				Core missing			
		80.11	0.69				Claystone	dark grey (sample G11 4)		
		80.33	0.22					dark grey to black, carb., coal bands		
		80.48	0.15				Core missing			
		81.08	0.60					dark grey, sandy at base		
		82.12	1.04			265.6' / 80.92	Sandstone	grey, fine to medium, carb. at top with coaly bands		
		82.46	0.34					TOP OF BOX 18 as above		
		82.56	0.10			270' / 82.30		as above		
		82.80	0.24	0.20			Claystone	grey, silty		
	82.80	83.28	0.48	0.39			Coal and carb. claystone, core pulverized			

← 10 coal
29 clst

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 14

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	83.28	83.36	0.08	0.07			Claystone	dark grey, carb.		
35°		84.11	0.75	0.61			Coal	dull, banded, sheared		
		84.39	0.28	0.23	7	275'/83.82		stoney and bright banded, core broken and pulverized		
		85.17	0.78	0.64			Core missing	coal		
		85.23	0.06	0.05			Sandstone	dark grey to black, fine grained, carb. core broken		
						280'/85.34				
22°/40°		87.03	1.80					grey, fine to medium grained, coal streaks in the lower part, core broken		
								TOP OF BOX 19		
						285'/86.87				
35°/63		88.53	1.50					grey, medium grained, cross bedded, coal streaks, few CaCo3 filled fractures		
		88.58	0.05					grey, fine grained, intercalation of argillaceous bands		
						290'/88.39				
		89.39	0.81					as above, bedding partly disturbed by slumping, sedimentary breccia at base		
		90.09	0.70				Siltstone	grey with argillaceous and sandy bands		
						295'/89.92				
	90.09	90.94	0.85					as above		
		91.02	0.08				Claystone	dark grey, carb. with coal bands		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 15

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 20		
40°	91.02	91.38	0.36			Siltstone	grey, argillaceous, sandy bands		
		91.44	0.06			Coal	bright banded and stoney carb. claystone, core pulverized		
					300' /	91.44			
		92.06	0.62			Claystone	grey to dark grey, carb., coal bands		
		93.07	1.01			Sandstone	grey, fine to medium grained, silty bands, coal streaks, disturbed tectonically in the middle part, core broken		
					305' /	92.96			
		93.90	0.83				grey, fine to medium grained, argillaceous bands		
		94.49	0.59			Claystone	dark grey, argillaceous, listric surfaces		
					310' /	94.49			
		94.55	0.06	0.05		Coal	poor, carb. claystone, core pulverized		
		94.85	0.30	0.25		Claystone	dark grey, carb.		
	94.85	95.35	0.50	0.41	↑	Coal	dull banded, poor; core totally broken		
		95.75	0.40	0.33			TOP OF BOX 21		
							sheared with pyrite skins on listric surfaces		
		95.77	0.02	0.02		Claystone	poor and carb. claystone		
		95.83	0.05	0.04		Claystone	as above		
		96.05	0.22	0.18	↓		sheared, core pulverized		
35°	96.05	96.35	0.30	0.25		Claystone	dark grey, carb., plant remains, grading into siltstone at base		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 16

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	96.35	96.50	0.15				Core missing		
22°		97.00	0.50				Siltstone grey, at base grading into fine grained sandstone		
		97.30	0.30				Sandstone grey, fine grained		
		97.46	0.16				grey, fine to medium grained, calcite filled fractures (16° and 40°)		
42°/28°		98.61	1.15		320'	97.54	grey, fine to medium grained CaCo3 filled fractures		
		99.01	0.40				grey, fine grained, laminated, CaCo3 filled fractures (38°)		
35°		99.66	0.65		325'	99.06	Siltstone grey, sandy bands		
		99.73	0.07				Core missing		
		100.19	0.46				TOP OF BOX 22 as above		
		100.53	0.34				Claystone grey to dark grey, clay ironstone		
		101.11	0.58		330'	100.58	as above		
		101.63	0.52				Siltstone grey		
		101.91	0.28				Claystone grey		
		102.09	0.18				Siltstone grey		
					335'	102.11			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 17

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	102.09	103.43	1.38				Sandstone	grey, fine grained, argillaceous, bedding partly disturbed by slumping, CaCo3 filled fractures (24° a 77°)		
						340' /	103.63			
		103.61	0.14				Core missing			
		105.07	1.46				Siltstone	grey, sandy bands		
						344' /	104.85			
		106.49	1.42				grey, claystone faces, few coal streaks			
						349.	106.37			
35°		107.21	0.72				as above, sandy at base			
		107.99	0.78				Sandstone	grey, fine to medium grained, cross bedded		
						354' /	107.90			
40°		108.31	0.32				Siltstone	grey, at top sandy bands, argillaceous		
							TOP OF BOX 24			
		109.12	0.81				grey, argillaceous, sandy phases			
		109.48	0.35				Sandstone	grey, fine grained, laminated		
						359' /	109.42			
		109.74	0.26				as above, CaCo3 filled fractures			
		110.98	1.24				grey to light grey, medium grained, CaCo3 filled fractures (15° + 44°), coaly bands and laminae			
						364' /	110.95	(sample G11-15)		
25°		112.53	1.55				grey, medium grained, few coarse grained bands CaCo3 filled fractures, Kinking of bedding at base, bedding uncertain			
						364' /	112.42			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 18

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 25		
10 ⁰	112.53	113.93	1.40				grey, medium grained, CaCo3 filled fractures		
					374'	114.00			
		115.48	1.55				as above, fractures partly open (30 ⁰ 25 ⁰ 20 ⁰), cross bedding, shows normal bedding		
					379.6'	115.70			
		116.89	1.41				as above		
		117.30	0.41				Core missing		
							TOP OF BOX 26		
		117.41	0.11				as above		
					385'	117.35			
		118.51	1.10				as above		
							Core missing		
		118.63	0.12		389'	118.57			
20 ⁰		120.15	1.52				as above		
					390'	120.09			
		121.49	1.34				as above, open fractures (17 ⁰)		
							TOP OF BOX 27		
		121.67	0.18				as above		
					399'	121.61			
		123.20	1.53				as above (G11-6)		
30 ⁰					404'	123.14			
		124.75	1.55				as above		
					409'	124.66			
		125.16	0.41				as above (G11-7)		
		125.60	0.44				fine grained, grey, laminated		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 19

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 28</u>		
	125.60	125.82	0.22				as above		
		126.21	0.39				grey, fine to medium grained		
		127.45	1.24		414'	127.71	as above, core broken		
		127.63	0.18		419'	127.71	Core missing		
40°	128.54	0.91					grey, fine grained, laminated, CaCo3 filled fractures (40° + 50°)		
		130.01	1.47		422'	128.63			
42°	130.01	1.47					grey, fine grained, silty phases, CaCo3 filled fractures		
		130.08	0.07				<u>TOP OF BOX 29</u>		
		130.94	0.86		427'	130.15	as above		
50°/38°	130.94	0.86					grey, fine to medium grained, many coaly bands and laminae; listric surfaces		
		132.52	1.58		430'	131.06			
40°	132.52	1.58					grey, fine to medium grained		
		133.80	1.28		435'	132.59			
		134.02	0.22				as above, CaCo3 filled fractures at base		
		134.19	0.17		440'	134.11	Claystone dark grey		
							as above, plant remains		
							<u>TOP OF BOX 30</u>		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 20 A

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 30		
40°	134.19	135.49	1.30	0.99			Siltstone light grey with fine grained sandstone bands, thin carbonaceous streaks, occasional mudstone interbeds, cross beds 20°		
						445' /	35.64		
35°	135.49	136.49	1.00	0.76			Siltstone as above		
	136.49	136.77	0.28	0.21			Mudstone dark grey, carbonaceous with coal stringers at .05 and .20 m		
	136.77	136.85	0.08	0.06			Coal dull		
	136.85	136.99	0.14	0.11			Mudstone as above, listric surfaces, upper half broken core		
						450' /	37.16		
	136.99	137.07	0.08	0.06			Coal stoney, bright, slickensided listric surfaces, broken core		
	137.07	137.15	0.08	0.06			Missing mudstone		
	137.15	137.89	0.74	0.56			Mudstone medium grey, carbonaceous		
	137.89	138.58	0.69	0.52		↑	Coal dull hard solid core		
							TOP OF BOX 31		
						455' /	38.68		
	138.58	138.66	0.08	0.06			Claystone dark grey, carbonaceous, coaly, listric surfaces		
	138.66	138.75	0.09	0.07			Missing claystone		
						4-1-1			
	138.75	138.82	0.07	0.05		244	Coal stoney, broken core		
						4/8/77			
	138.82	138.96	0.14	0.11			dull, hard		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 21 B

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	138.96	139.05	0.09	0.07			Coal bright banded		
		139.59	0.54	0.41			dull, hard		
		139.85	0.26	0.20	4-1-2 249		dull/bright		
		140.00	0.15	0.11	4/8/77		dull		
	140.00	140.03	0.03	0.02			Missing coal		
	140.03	140.16	0.13	0.10		460' /	Coal dull banded; pulverized		
		140.30	0.14	0.11	↓		dull		
		140.64	0.34	0.26	↑		dull banded		
		141.22	0.58	0.44			dull, hard, listric surfaces on breaks		
		141.65	0.43	0.33			dull banded, base broken core		
		141.72	0.07	0.05		465' /	dull banded, top broken core		
		142.22	0.50	0.38			dull, smokey		
		142.76	0.54	0.41			dull/bright		
		143.11	0.35	0.27			dull		
					4-2-1				
	143.11	143.31	0.20	0.15	245 4/8/77		TOP OF BOX 32 dull, metallic, broken core as 1/2" chunks		
						470' /			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 22 C

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						470' / 43.26			
	143.31	143.41	0.10	0.08		Coal	dull, metallic, broken core		
		143.49	0.08	0.06		Coal	dull/bright?, pulverized to broken chips		
		143.82	0.33	0.25			dull/bright		
		144.07	0.25	0.19			bright, listric surfaces		
		144.26	0.19	0.14			bright banded		
		144.64	0.38	0.29	∇		bright; base broken		
						475' / 44.78			
		145.30	0.66	0.50	∧		dull/bright		
		145.40	0.10	0.08			dull metallic		
		145.91	0.51	0.39			bright banded		
		146.19	0.28	0.21			dull banded		
						480' / 46.30			
		146.79	0.60	0.45			bright banded		
		146.95	0.16	0.12			bright		
		147.21	0.26	0.20			dull/bright		
	147.21	147.35	0.14	0.11			bright		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 23 D

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	147.35	147.42	0.07	0.05	4-3-1		Coal		
					246				
	147.42	147.44	0.02	0.02	4/8/77		Missing coal		
		147.55	0.11	0.08			Coal		
		147.63	0.08	0.06	↓		bright broken core		
							TOP OF BOX 33		
		147.89	0.26	0.20	↑		dull metallic broken core chips chunks		
						485' / 147.83			
		147.94	0.05	0.04			as above		
		148.03	0.09	0.07			stoney		
		148.14	0.11	0.08			pulverized		
		148.26	0.12	0.09			stoney		
		148.46	0.20	0.15	4-4-1		dull, metallic		
					247				
	148.46	148.49	0.03	0.02	4/8/77		stoney		
	148.40	148.75	0.26	0.20			dull, metallic		
	148.75	148.85	0.10	0.08			Missing coal (stoney)		
		148.93	0.08	0.06			pulverized		
		148.99	0.06	0.05			bright, broken core-chips		
	148.99	149.04	0.05	0.04	↓		dull, metallic		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 24 E

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
45°	149.04	149.17	0.13	0.10			Claystone	grey, carbonaceous		
						490' /	49.35			
		149.39	0.22	0.17				as above		
	149.39	149.46	0.07	0.05			Missing	claystone (carbonaceous, coaly)		
		149.59	0.13	0.10				as above, broken core-chips to pulverized		
40°		150.70	1.11	0.84				as above		
						495' /	150.88			
		150.98	0.28	0.21				as above		
	150.98	151.02	0.04	0.03	↑		Coal	pulverized, bright? contact		
	151.02	151.06	0.04	0.03			Missing	coal		
		151.36	0.30	0.23				dull		
					4-5-1					
		151.70	0.34	0.26	247			dull/bright		
					4/8/77					
		151.76	0.06	0.05				stoney, hard, high sp. gr. to very carbonaceous, coaly claystone		
		151.86	0.09	0.07				bright		
	151.85	151.91	0.06	0.05			Missing	coal (stoney)		
		151.99	0.08	0.06	∇			pulverized		
	151.99	152.30	0.31	0.23			Claystone	dark grey, carbonaceous		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 25 F

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 34		
						500' /	52.40		
	152.30	152.59	0.29	0.22			Claystone medium grey		
	152.59	153.49	0.90	0.68			Sandstone light grey, fine-medium grained with mudstone getting prominent near base; coal stringer at basal contact		
	153.49	153.83	0.34	0.26			Claystone medium grey, slightly carbonaceous		
						505' /	153.92		
		154.15	0.32	0.24			as above		
45°		155.38	1.23	0.93			light grey fine medium grained		
						510' /	155.45		
55°		155.63	0.25	0.19			as above		
	155.63	156.34	0.71	0.54			Claystone medium grey		
	156.34	156.57	0.23	0.17			Sandstone light grey, fine medium grained		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 26

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 35		
	156.57	156.92	0.35				Sandstone	grey, fine grained, silty faces	
		157.56	0.64			515' / 156.97		grey, fine grained well laminated	
		157.97	0.41				Claystone	dark grey, carb.	
		158.51	0.54			519' / 158.19		as above	
		158.68	0.17				Core missing		
	158.68	158.92	0.24				Coal	dull banded, partly pulverized	
45°		159.57	0.65				Siltstone	grey, grading into carb. claystone at the top	
		159.67	0.10			524' / 159.72		plant fossils (sagematais)	
		159.80	0.13				Claystone	grey, grading into siltstone at top	
		159.90	0.10				Coal	pulverized	
		160.04	0.14				core	missing	
		160.10	0.06				Claystone	dark grey, carb.	
35°		161.08	0.98				Sandstone	grey, fine grained, coal streaks, CaCo3 filled fractures, plant remains	
		161.19	0.11					TOP OF BOX 36	
		161.47	0.28			529' / 161.24	Siltstone	grey to dark grey, coal bands, plant remains	
							Claystone	dark grey, carbon. listric surfaces, coal bands	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 27

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
40°	161.47	162.35	0.88				Sandstone	grey, fine grained grading into siltstone at top, coaly bands, listric surfaces, CaCo3 filled fractures (17°, 40°) partly open, surface of fracture covered with CaCo3 crystals		
		162.62	0.27				Claystone	dark grey, carb., sandy phases, plant remains, core broken		
		162.69	0.27					dark grey, carb., sandy phases, plant remains		
		162.98	0.09					dark grey, carb.		
		163.04	0.06				Coal	pulverized		
		163.14	0.10				Siltstone	grey, plant remains		
35°		164.40	1.26				Sandstone	grey, fine grained, laminated		
		164.82	0.42					grey, medium grained, many coaly bands		
22°		165.17	0.35				Siltstone	grey to dark grey, well laminated		
		165.81	0.64					<u>TOP OF BOX 37</u> as above		
						544' / 165.81				
		166.43	0.62					grey, laminated plant remains grading into carb. claystone at base		
		166.53	0.10				coal	bright banded		
		166.61	0.08				Claystone	dark grey, carb.		
		166.65	0.05				Coal	pulverized		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 28

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
30°	166.66	167.37	0.71				Sandstone	grey, fine grained, well laminated, worm burrows, coal streaks		
						549' /	167.34			
		167.49	0.12				Siltstone	dark grey, plant fossils		
		167.62	0.13				Claystone	dark grey, carb., listric surfaces		
		167.68	0.06				Coal	pulverized		
		168.21	0.53				Claystone	dark grey, carb., listric surfaces		
32°		168.99	0.78					dark grey, plant remains, fossil sample		
						554' /	168.86			
30°		169.45	0.46					dark grey to black, calcite covered slickensides coal bands (sample G11-9)		
		169.62	0.17				Core missing			
								TOP OF BOX 38		
		169.68	0.06					dark grey, carb.		
		169.88	0.20				Siltstone	grey		
42°		170.26	0.38				Sandstone	grey, fine grained, well laminated, worm burrows		
		170.69	0.43					grey, fine to medium grained		
						560' /	170.69			
		171.19	0.50					grey, fine grained, worm burrows argillaceous bands grading into siltstone at base		
35°		171.72	0.53				siltstone	dark grey, claystone bands		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 29

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	171.72	172.23	0.51				Claystone	dark grey, carbon, plant remains, listric surfaces		
						565' /	172.21	coal streaks		
		172.71	0.48					as above		
35°		173.63	0.92				Siltstone	grey, claystone bands, coaly streaks, sandy bands		
								at base		
		173.60	0.07				Sandstone	grey, fine to medium grained, CaCo3 filled fractures		
								(32°)		
						570' /	173.74			
		173.86	0.16					as above		
45°		174.16	0.30					TOP OF BOX 39		
								grey, fine grained, CaCo3 filled fractures (42°)		
25°		174.31	0.15					grey to light grey, medium grained		
		174.84	0.53				Siltstone	grey, sandy, sandy bands		
		175.01	0.17				Sandstone	grey, fine grained		
		175.21	0.20					as above		
						575' /	175.26			
		175.27	0.06					as above		
37°		175.71	0.44				Siltstone	grey, sandy, CaCo3 filled fractures (44°)		
		175.96	0.25				Sandstone	grey, fine grained, fine to medium grained at base, sedimentary breccia		
35°		176.73	0.77					grey, fine to medium grained, CaCo3 filled fractures		
								(40°)		
						580' /	176.78			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 30

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	176.73	178.22	1.49				Sandstone	grey, fine to medium grained, claystone bands in upper part grading into medium grained in the lower part		
						585' /	178.31			
							TOP OF BOX 40			
30°		179.49	1.27					grey to light grey, medium grained, coal streaks		
		179.73	0.24					grey, fine to medium grained, coaly bnads		
						590' /	179.83			
		180.05	0.32					as above		
30°		180.41	0.36				Claystone	dark grey to black, carb., plant remains (sample G11-10)		
		181.03	0.62				Coal	dull banded, sheared, core partly pulverized		
		181.31	0.28				Claystone	grey to dark grey, plant remains		
						595' /	181.36			
		181.51	0.20					as above		
		181.67	0.16				Core missing			
35°		182.60	0.93				Siltstone	grey to dark grey, argillaceous, sandy phases		
								TOP OF BOX 41		
		182.83	0.23					as above		
						600' /	182.88			
		182.99	0.16					as above		
45°		183.61	0.62				Sandstone	grey, fine grained, CaCo3 filled fracture		
		184.34	0.73				Siltstone	dark grey claystone phases		
						605' /	184.40			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 31

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	184.34	184.74	0.40				Sandstone grey, fine to med. grained		
45°		185.79	1.05				grey, medium grained, CaCo3 filled fractures (45° + 25°), displacement along fractures (+1cm), sedimentary breccia in the middle part		
					610'	185.93			
		185.87	0.08				Core missing		
36°		186.79	0.92				as above, slickensides		
							<u>TOP OF BOX 42</u>		
		187.41	0.62				grey, fine to medium grained, CaCo3 filled fractures		
					615'	187.45			
30°		188.89	1.48				as above, fractures (38° + 45°)		
					620'	188.98			
		189.44	0.55				as above		
60°		190.47	1.03				grey, medium to coarse grained, many irregular coal streaks		
					625'	190.50			
		190.93	0.46				as above (sample G11-11)		
							<u>TOP OF BOX 43</u>		
		191.97	1.04				as above		
					630'	192.02			
52°		193.49	1.52				as above		
					635'	193.55			
50°		194.96	1.47				as above		
					640'	195.07			
		195.12	0.16				as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 32

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 44		
	195.12	197.07	1.95				as above		
						647' /	197.21		
		197.97	0.90				Grey, medium grained, few coal streaks		
						650' /	198.12		
		199.42	1.45				as above		
							TOP OF BOX 45		
30°		199.53	0.11				as above		
						655' /	199.64		
45°/55°		201.07	1.54				as above		
		201.16	0.09				Core missing		
						660' /	201.17		
		201.60	0.44				as above		
		201.73	0.13				Siltstone grey		
		202.36	0.63				Claystone dark grey, silty, plant remains		
					3-1-1		Core missing		
		202.61	0.25				Core missing		
					#3	665' /	202.69		
		202.69	0.08				Claystone dark grey, carb., listric surfaces		
		202.81	0.12	0.09			Coal sheared, core pulverized		
		203.30	0.49	0.37			dull and bright		
		203.52	0.22	0.17			poor dull		
(40°)		203.66	0.14	0.11			dull banded		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 33

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 46</u>		
	203.66	203.71	0.05	0.04			Coal	dull and bright	
		203.73	0.02	0.01				stoney	
		203.88	0.15	0.11				sheared, core broken	
		204.12	0.24	0.18			Core missing	coal	
		204.36	0.24	0.18	✓			sheared	
		204.53	0.17				Claystone	dark grey	
		204.99	0.46			670' / 204.72	Siltstone	grey, plant remains (rootings?)	
		205.64	0.65				Sandstone	grey, fine grained	
		206.24	0.60			675' / 205.74		grey, fine grained	
38°		207.08	0.84				Siltstone		
		208.05	0.97			680' / 207.26		as above	
		208.14	0.09				Claystone	grey	
		209.19	0.05				Claystone and coal	core broken	
		208.25	0.06				Siltstone	grey	
40°		208.67	0.42				Sandstone	grey, fine grained, laminated	
								<u>TOP OF BOX 47</u>	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 34

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						685'/208.79			
	208.67	208.91	0.24			Sandstone	as above		
38°		209.09	0.18			Claystone	dark grey, plant remains, listric surfaces		
42°		210.19	1.10			Sandstone	grey, fine grained calcareous?, grading into siltstone at base, calcite filled fractures		
						690'/210.31			
		210.72	0.53			Claystone	dark grey, carb., listric surfaces grading into sandstone at base		
		210.96	0.24			Sandstone	grey, fine grained		
		211.16	0.20			Claystone	dark grey, silty, carb., listric surfaces		
		211.51	0.35			Sandstone	grey, fine grained, laminated		
						695'/211.84			
		212.15	0.64				as above		
							<u>TOP OF BOX 48</u>		
		212.35	0.20				as above		
		212.55	0.20			Siltstone	grey		
		213.06	0.51			Claystone	dark grey, silty bands, plant remains, slickensides, partly carb.		
						700'/213.36			
		213.26	0.20				as above		
37°		214.57	1.31			Sandstone	grey, fine grained, laminated, silty bands		
						705'/214.88			
		214.89	0.32				as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 35

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
35°	214.89	215.28	0.39				Claystone	grey, silty		
		216.18	0.90				Sandstone	grey, fine to medium grained, small cross bedding units, coaly bands, CaCo3 filled fractures		
						710.2	6.41			
		216.39	0.21					as above		
									<u>TOP OF BOX 49</u>	
		217.71	1.32					as above		
						715'	217.93			
35°		219.21	1.50					as above (fractures 37°, 56°, 48°, 43°, fracture partly open)		
						720'	219.46			
		220.45	1.24					as above		
30°	220.45	220.68	0.23					Siltstone	grey, sandy	
									<u>TOP OF BOX 50</u>	
		220.77	0.09					as above		
						725'	220.98			
35°		222.33	1.56					grey, well laminated, sandy bands and laminae, small cross bedding units, listric surfaces		
						730'	222.50			
		223.80	1.47					as above		
						735'	224.03			
35°		224.95	1.15					as above		
									<u>TOP OF BOX 51</u>	
		225.32	0.37					as above		
						740'	225.55			
		225.57	0.25					as above		
		226.03	0.46					Sandstone	grey, fine grained, CaCo3 filled fractures (85°), laminated argillaceous	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 36

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
32°	226.03	226.89	0.86				Siltstone	grey, sandy, well laminated, small crossbedding units, sandy bands and laminae		
						745' /	227.08			
34°	226.89	228.37	1.48					as above		
						750' /	228.06			
45°		229.12	0.75					as above		
								<u>TOP OF BOX 52</u>		
42°		229.84	0.72					as above		
						755' /	230.12			
		230.58	0.74				Sandstone	grey, fine grained, CaCo3 filled fractures		
50°		231.36	0.78				Siltstone	grey, sandy, CaCo3 filled fractures		
						760' /	231.65			
		232.51	1.37					grey, sandy, sandy bands and laminae, plant remains (Elatides)		
						765' /	233.17			
		233.01	0.50				Claystone	dark grey, plant remains, listric surfaces grading into carb. claystone at base, fossils (Taeniopteris canmorensis + sagemopteris)		
		233.16	0.15				Coal and claystone	listric surfaces and sheared, core broken		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 37 A

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	Seam #2	DESCRIPTION	RECOVERY	
	From	To	Thick.	True					m.Rec.	%
								TOP OF BOX 53		
	233.16	233.23	0.07	0.06	2-1 ¹ 240		Claystone	black, carbonaceous, coaly, core broken-upper part ground, lower part sliced, stoney coal?		
	233.23	233.64	0.41		4/8/77		Claystone	highly ground and pulverized*		
	233.64	233.98	0.34	0.26	↓		Coal	highly ground and pulverized*		
						770'/234.70				
		234.06	0.08	0.06	↑			dull metallic		
		234.11	0.05	0.04				pulverized*		
		234.20	0.09	0.07				dull banded		
		234.28	0.08	0.06				dull banded; core as small chips in pulverized matrix		
						771'/235.00				
		234.61	0.33	0.25				dull, smokey, ground core-pulverized * and chips		
		234.66	0.05	0.04				as above		
		234.80	0.14	0.11				dull, metallic, broken core as chips/chunks		
	234.80	234.98	0.18	0.14	2/2-1 241		Claystone	black, carbonaceous, coaly		
	234.98	235.10	0.12	0.09	4/8/77		Coal	dull		
		235.33	0.23	0.18				ground to pulverized*		
		235.43	0.10	0.08				" " " ,flakey ; sheared		
	235.43	235.65	0.22	0.17			Claystone	pulverized* or stoney coal		
		235.70	0.05	0.04			Claystone	black, carbonaceous, coaly		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 38 B

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						776' / 236.52			
32 ⁰	235.70	235.92	0.22	0.19		Coal	dull, metallic		
		236.03	0.11	0.09			pulverized*		
		236.18	0.15	0.13			sheared		
		236.33	0.15	0.13			dull banded		
		236.40	0.07	0.06			dull metallic, smokey, broken core as pebbles		
	236.40	236.46	0.06	0.05		Claystone	black, carbonaceous, coaly		
		236.54	0.08	0.07		Claystone	pulverized mixture		
	236.54	236.57	0.03	0.03		Coal	pulverized mixture		
		236.63	0.06	0.05		Missing	coal		
		236.65	0.02	0.02		Coal	dull		
		237.16	0.51	0.43			pulverized*		
		237.28	0.12	0.10		Missing	coal		
		237.32	0.04	0.03	↓		dull; core broken-2 slices		
						781' / 238.05			
		237.44	0.12	0.10	↑		dull; broken core		
		237.54	0.10	0.08		Missing	coal		
		237.64	0.10	0.08			sheared		
		237.71	0.07	0.06			pulverized *		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 39 C

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
							TOP OF BOX 54			
	237.71	237.78	0.07	0.06			Coal	dull		
					2-3-1					
		238.14	0.36	0.33	242			pulverized		
					4/8/77					
		238.38	0.24	0.22				dull, banded, upper half sheared		
		238.65	0.27	0.24				pulverized*		
		238.95	0.30	0.27				dull; broken core as chips/chunks		
						786' / 239.57				
		239.15	0.20	0.18				sheared, " " " "		
		239.50	0.35	0.32				dull metallic, " " " " 1/2" size		
		239.84	0.34	0.31	∇			pulverized*		
		240.04	0.20				Claystone	dark grey, listric surfaces, plant remains		
25°		240.68	0.64				Sandstone	grey, fine grained, laminated at top grading into silty claystone		
								TOP OF BOX 55		
						791' / 241.25				
		242.16	0.19					as above		
						796' / 242.62				
		242.81	0.65					grey, fine grained, CaCo3 filled fractures, partly open (23°)		
		243.11	0.30				Claystone	grey to dark grey, silty partly carb.		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 40

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	243.17	243.59	0.48				Siltstone	grey, sandstone and claystone bands		
						801'/244.14				
16°		244.27	0.68					as above		
		244.64	0.37				Sandstone	grey, fine grained, calcareous		
		245.14	0.50				Siltstone	grey, sandstone and claystone bands		
						806'/245.67				
16°		246.28	1.14				Sandstone	grey, fine grained, silty phases		
		246.68	0.40					as above		
		247.23	0.55			810'/246.89				
		248.20	0.97				Siltstone	grey, sandy bands and claystone intercalation		
						815'/248.41				
18°/20°		248.86	0.66					as above		
25°		249.75	0.89				Sandstone	grey, fine to medium grained		
						820'/249.94				
30°/55°		250.63	0.88					grey, medium grained, coaly bands.		
								TOP OF BOX 57		
35°		251.28	0.65					as above, CaCo3-filled fractures, silty at base		
		251.64	0.36			825'/251.46				
								grey, fine to medium coal streaks, many plant remains at base		
		251.84	0.20				Claystone	grey, silty		
33°		252.58	0.74				Siltstone	grey, claystone bands, coal streaks		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 41
DATE BEGUN: _____ DEPTH: _____
DATE FINISHED: _____ ELEV. COLLAR: _____
LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
TOTAL DEPTH: _____ COAL LICENSE: _____
LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	252.58	252.80	0.22				Claystone	dark grey to black, carb.		
						830' / 252.98				
		253.01	0.21					as above		
		253.41	0.40				Sandstone	grey, medium grained, CaCO3 filled fractures partly open, quartz & calcite crystals, core partly broken		
18°		253.66	0.25				Sandstone	grey, fine grained, argillaceous		
		254.36	0.70					grey, medium grained		
						835' / 254.51				
		254.83	0.47					as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 42 D

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	SEAM NO. 1	DESCRIPTION	RECOVERY	
	From	To	Thick.	True					m.Rec.	%
								<u>TOP OF BOX 58</u>		
	254.83	254.96	0.13					as above		
	254.96	255.51	0.55				Claystone	dark grey, partly carbonaceous, plant remains, coal bands at base grading into siltstone		
	255.51	255.95	0.44				Sandstone	grey, fine grained, argillaceous at base grading into siltstone		
						840' /	256.03			
	255.95	256.12	0.17				Claystone	grey to dark grey, plant remains		
	256.12	256.24	0.12					dark grey to black carbonaceous, upper part flakey, listric surfaced sheared; lower part-broken core chips/chunks		
	256.24	256.40	0.16	0.15	↑		Coal	dull		
		256.61	0.21	0.20				pulverized*		
		256.69	0.08	0.08				dull banded		
		257.34	0.65	0.61				pulverized*		
	257.34	257.44	0.10	0.09			Missing	coal		
	257.44	257.55	0.11	0.10	0.05 coal 0.05 clst			mixture of carbonaceous claystone and stoney coal-ground core*		
						845' /	257.56			
	257.55	257.60	0.05	0.05			Missing	claystone		
	257.60	257.72	0.12	0.11			Claystone	dark grey to black carbonaceous		
	257.72	257.85	0.13	0.12			Coal	pulverized*, top stoney?		
		258.06	0.21	0.20			Missing	coal		
		258.29	0.23	0.22				pulverized*, large core loss here, box only half full		
		258.59	0.30	0.28	1-1-1		Missing	coal		
		258.86	0.27	0.25	243			pulverized*, base .06m chips, dull/bright		
		258.99	0.13	0.12	4/8/77		Missing	coal		
						850' /	259.08			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7711 SHEET No: 43 F

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						850'/259.08			
	258.99	259.12	0.13	0.12		Coal	dull/bright		
		259.20	0.08	0.08		Coal	missing		
		259.52	0.32	0.30	√		ground, pulverized coal, packed		
						851.5'/259.54			
	259.52	259.65	0.13			Sandstone	medium grey, medium to coarse grained, core broken		
						852'/259.69			
		259.86	0.21				as above		
		260.93	1.07				as above, homogeneous		
						857'/261.21			
		262.27	1.34				as above		
						862'/262.74			
16°/25°		263.83	1.56				as above		
						867'/264.76			
		264.13	0.30				as above (g11-12)		
							TOP OF BOX 60		
		265.19	1.06				as above		
						872'/265.79			
		265.32	0.13				as above		
							grey to light grey, fine to medium grained		
15°		266.49	1.17			877'/267.31			
							END OF HOLE		

VOLUME IV

PART B

SAXON COAL LIMITED (1977)

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BOOK 4 OF 7

GEOLOGICAL BRANCH
ASSESSMENT REPORT

00 628

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7712 SHEET No: 1
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: 60°

BEARING: 040° U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: IVAN DELAS CORE SIZE: HQ



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	0.00	3.49	3.49				Core loss casing	<u>TOP OF BOX 1</u>	
	3.49	3.82	0.33				Siltstone	dark grey, sanstone laminae interbedded, highly broken	
	3.82	4.35	0.53				Claystone	highly broken, mixed with drillers mud, siltstone toward base	
		4.71	0.36				Claystone	black carbonaceous with one coal layer (02 cm)	
		4.89	0.18				Claystone	grey, occasionally silty laminae interbedded	
		5.07	0.18				Claystone	carbonaceous as one above	
		5.15	0.08				Claystone	grey, weathered and oxidized	
	5.15	5.71	0.56				Siltstone	dark grey, regular bedded, massive, fossiliferous	
	5.71	5.85	0.14				Claystone	grey with carbon laminae and coaly stringers	
		6.16	0.31				Claystone	black broken with thin layers of bright coal	
		6.22	0.06				Claystone	as above	
						22' / 6.71			
	6.22	6.36	0.14				Siltstone	med. grey, regular bedded, sandy toward base	
8°	6.36	7.48	1.12				Sandstone	med. grey, fine grained, massive	
	7.48	7.57	0.09				Siltstone	dark grey, broken, partly oxidized	
	7.57	7.68	0.11				Sandstone	grey, very fine grained silty toward base	
	7.68	7.76	0.08				Siltstone	as one above	
						27' / 8.23			
8°	7.76	8.62	0.86				Sandstone	fine to med. grained with irregular thin silty layers	
	8.62	8.96	0.54				Siltstone	med. grey, with some sandy bands few carb. specks and fossils	
	8.96	9.07	0.11				Sandstone	light grey, med. grained massive	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7712 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	9.07	9.39	0.32				Silty claystone dark grey with carbon specks very fossiliferous		
						32'/9.75			
	9.39	9.77	0.38				Claystone dark grey, partly carbon, with some coaly inclusions broken		
	9.77	10.35	0.58				Silty claystone as one above		
	10.35	10.70	0.35				Siltstone med. grey, regular bedded massive		
						37'/11.28			
	10.70	11.17	0.47				Silty claystone as silty claystone above		
4°	11.17	11.44	0.27				Sandstone very fine grained with irregular silty bands, massive		
	11.44	11.59	0.15				Silty claystone grey, massive		
	11.59	12.02	0.43				Sandstone fine grained, crossbedded, silty occasionally		
		12.11	0.09				Sandstone as above		
							TOP OF BOX 3		
	12.11	12.22	0.11				Silty claystone dark grey, broken, more silty at base		
						42'/12.80			
		13.23	1.01				Silty claystone as above, fossiliferous		
		13.36	0.13				Silty claystone as above		
	13.36	14.61	1.25				Sandstone light grey, fine gr. silty toward base, massive		
	14.61	14.78	0.17				Siltstone grey, massive, fossiliferous		
						51'/15.55			
		15.43	0.65				Siltstone as above with irregular sandy bands, crossbedded.		
5°	15.43	16.26	0.83				Sandstone fine grained crossbedded oxidized at top occasional silty		
						56'/17.07			
		17.68	1.42				Sandstone as above		
						61'/18.59			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7712 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	17.68	17.78	0.10				Siltstone	grey, massive, sandy fossiliferous		
	17.78	19.25	1.47			66'/20.12	Sandstone	fine grained occasional silty bands, massive		
22°		20.69	1.44				Sandstone	as above		
								TOP OF BOX 5		
		20.76	0.07				Sandstone	as above		
		22.30	1.54				Sandstone	light grey, fine to med. grained with silty laminae massive		
		22.95	0.65			72'/21.95	"	as above		
		24.38	1.43				"	med. to coarse grained partly oxidized and broken		
		24.80	0.42			90'/27.43	"	as above very silty with carbon laminae		
								TOP OF BOX 6		
		25.35	0.55				Sandstone	med. to coarse grained, massive		
		26.20	0.85				"	as above silty toward base		
						95'/28.96				
	26.20	26.96	0.76				Siltstone	grey, irregular interbeds of sandstone massive		
						100'/30.48				
14°	26.96	28.54	1.58				Sandstone	grey fine grained with silty bands		
						105'/32.00	"	TOP OF BOX 7		
		30.05	1.51				"	as above		
						110'/33.53	"	as above		
	30.37	31.62	1.25				Siltstone	dark grey, carbona with claystone laminae		
		32.90	1.28			115'/35.05	"	as above, but very sandy and regular bedded		
								TOP OF BOX 8		
		33.15	0.25				Siltstone	as above		
		34.77	1.62			120'/36.58	"	as above with some carbon inclusions		
		36.32	1.55			125'/38.10	"	as above oxidized 0.43m from base		
						130'/39.62				
	36.32	37.15					Silty claystone	dark partly carbon, fossiliferous massive		
								TOP OF BOX 9		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7712 east SHEET No: 4

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 9 #4 seam		
	37.15	37.50	0.35				Mudstone dark grey, slightly carbonaceous		
20°	37.50	38.00	0.50				Sandstone tan, iron (FeO) stained, oxidized with thin grey mudstone interbeds; broken core especially the lower half		
	38.00	38.42	0.42			135'/41.15	as above oxidized		
	38.42	38.80	0.38				Mudstone dark grey with FeO stain on silty portions		
	38.80	38.90	0.10				Claystone dark grey carbonaceous minor coaly stringers core broken to chips/chunks	1.12	
	38.90	38.96	0.06				as above core broken as soft friable slices as	1.52	
	38.96	39.00	0.10				as above, solid core	-0.40	
	39.06	39.16	0.10				Missing claystone		
	39.16	39.22	0.06				Claystone as above and some coal; pulverized		
	39.22	39.33	0.11	0.11		140'/42.67	Coal dull banded; medium hardness broken core		
		39.48	0.15	0.14			dull; bright listric surfaces lower half with minute calcite coatings		
(16°)	39.48	39.53	0.05	0.05			Missing coal		
		39.70	0.17	0.16			dull metallic friable some parts ground to chip size	0.94	
		40.01	0.31	0.30			bright? pulverized* 5mm chips	1.53	
								-0.59	
	40.01	40.05	0.04	0.04	4-1-1 921		stoney to dark grey, carbonaceous claystone		
		40.21	0.16	0.15	3/8/77		dull metallic listric surfaces pulverized* base broken as 2cm. chips		
						145'/44.20			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7712 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						145'/44.20			
	40.21	40.41	0.20	0.19		Coal	dull v. bright lustric surfaces along breaks		
		40.48	0.07	0.07			as above highly broken core to 1-2cm chips		
		40.58	0.10	0.10			as above; broken core to chunk size		
		40.64	0.06	0.06			as above ground core chips to pulverized		
		40.74	0.10	0.10			dull metallic broken core		
		40.86	0.12	0.12			as above soft crumbly very bright lustric slicken-		
		41.06	0.20	0.19			sides surfaces along breaks sheared; broken core		
	41.06	41.11	0.05	0.05		Missing	coal	170	
		41.17	0.06	0.06			pulverized*, dull/bright?	1.52	
		41.23	0.06	0.06			bright banded; broken core	+18	
		41.39	0.16	0.15			as above; highly broken core as chips/chunks		
		41.44	0.05	0.05			dull chips pulverized*		
	41.44	41.46	0.02	0.02		Missing	coal		
		41.48	0.38	0.37			<u>TOP OF BOX 10</u> dull banded; broken core		
		41.94	0.10	0.10			pulverized* dull banded?		
		41.98	0.04	0.04			dull banded; chips 1-2cm		
						150'/45.72			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7712 SHEET No: 6
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						150'/45.72			
	41.98	42.48	0.50	0.49			Coal bright banded; lower 10cm soft crumbly listric surface		
		42.53	0.05	0.05			pulverized*; soft chips with bright listric surfaces		
	42.53	42.56	0.03	0.03			Missing coal		
		42.94	0.38	0.37			dull banded metallic		
	42.94	42.96	0.02	0.02			Missing coal	1.38	
		43.08	0.12	0.12			pulverized*	1.52	
		43.18	0.10	0.10			dull banded broken core	-0.14	
		43.26	0.08	0.08			dull chips pulverized; crumbly soft listric surfaced		
		43.41	0.15	0.14	4-1-2 922		dull/bright; broken core		
					3/8/77	155'/47.24			
		43.50	0.09	0.09			dull; broken core as chips with listric surfaces		
		43.54	0.04	0.04			pulverized* dull?		
		44.14	0.60	0.58			dull banded with very bright listric surfaces along breaks sheared		
	44.14	44.28	0.14	0.13			Missing coal		
		44.38	0.10	0.10			pulverized* dull banded?	1.51	
		44.56	0.18	0.17			dull crumbly core as chips with very bright slick-sided listric surfaces sheared	1.53	
		44.87	0.31	0.30			bright chips pulverized*	-0.02	
		44.96	0.09	0.09			dull? ground core from chips to powdered grit*		
		45.06	0.10	0.10	✓		dull; broken core		
						160'/48.77			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7712 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						160'/48.77			
	45.06	45.36	0.30	0.29	7	Coal	dull banded		
	45.36	45.40	0.04	0.04		Missing	coal		
		46.00	0.60	0.58			bright banded; lower .05m. broken core		
							TOP OF BOX 11		
		46.16	0.16	0.15			dull/bright		
		46.22	0.06	0.06			pulverized*; dull/bright?		
		46.28	0.06	0.06			dull/bright	1.51	
		46.35	0.07	0.07			dull/bright; chips	1.52	
		46.40	0.05	0.05			dull/bright; chips/chunks as core	-.01	
		46.51	0.11	0.11			pulverized; dull/bright?		
	46.51	46.69	0.18	0.17		Missing	coal		
		46.79	0.10	0.10			bright; core as chips/chunks		
						165'/50.29			
		47.39	0.60	0.58	4-1-3		bright banded		
	47.39	47.43	0.04	0.04	9.23		Missing	coal	
		47.63	0.20	0.19	3/8/77		pulverized* bright banded?	1.16	
		47.69	0.06	0.06			pulverized* bright banded?	1.22	
								-.06	
		47.84	0.15	0.14			bright banded		
		47.93	0.09	0.09			pulverized* bright banded?		
		47.99	0.06	0.06			bright banded		
						169'/51.51			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7712 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						169'/51.51			
	47.99	48.44	0.45	0.43		Coal	bright banded		
	48.44	48.60	0.16	0.15		Missing	coal		
		48.66	0.06	0.06			pulverized* bright banded?	.83	
		48.87	0.21	0.20			bright	.92	
		48.98	0.11	0.11			pulverized*; bright?	-.09	
						172'/52.43			
		49.19	0.21	0.21			pulverized*; bright?		
	49.19	49.31	0.12	0.12		Missing	coal		
		50.00	0.69	0.66			pulverized*/chips bright	1.29	
	50.00	50.05	0.05	0.05		Missing	coal	1.52	
		50.09	0.04	0.04			bright; core ground to grit and chips (1-2cm)	-.23	
		50.44	0.35	0.34			pulverized* odd bright chips		
						177'/53.95			
		50.50	0.06	0.06			bright; core as chips/chunks		
		50.69	0.19	0.18			bright odd chips pulverized*		
							TOP OF BOX 12	.92	
		51.28	0.59	0.57	4-1-4		bright odd chips pulverized*	.91	
					924				
		51.36	0.08	0.08	3/8/77		bright banded; broken core	+1.10	
						180'/54.86			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7712 SHEET No: 9
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						180'/54.86			
	51.36	51.46	0.10	0.10		Coal	bright banded; broken core		
		51.74	0.28	0.27			bright top .06m. broken core		
		52.03	0.29	0.28			bright ground* core to chips/chunks		
		52.37	0.34	0.34			dull/bright; broken core		
		52.44	0.07	0.07			pulverized* dull/bright	1.99	
	52.44	52.62	0.18	0.17		Missing	coal and claystone	1.53	
	52.62	52.73	0.11	0.10	4-2-1 925	Claystone	dark grey, carbonaceous top with coal stringers	+ .46	
	52.73	52.78	0.05	0.05	3/8/77	Missing	claystone		
		52.94	0.16	0.15	↑	Coal	bright core ground* to grit and chips		
		53.08	0.14	0.13	4-3-1 926		pulverized* black gritty sooty powder w/bright chips		
		53.19	0.11	0.11	3/8/77		pulverized*; as above crumbly with thin ash bands		
		53.33	0.14	0.13	↓		dull banded smokey lower contact ibdd 1/2cm tk vitrain and carb claystone		
	53.33	53.58	0.25	0.24		Claystone	black carbonaceous w/coal stringers		
		53.63	0.05	0.05			as above		
	53.63	53.71	0.08	0.08		Coal	bright core broken to chips/chunks	1.41	
	53.71	54.99	1.28	1.23		Claystone	dark grey	1.52	
						190'/57.91			
		55.21	0.22				as above		

(2)

SAXON PROJECT (SAXON EAST)

HOLE NO. SD 7712 BEARING 40° ANGLE 60° TOTAL DEPTH 150.23
COORDINATES 6019518.2 N 695111.7 E COLLAR ELEVATION 1962.4

Seam No. 1 Elevation of Seam (Base) 1848.5

Seam Interval: 129.64 - 131.54

True Thickness of Mining Section: (1.86) Coal 1.86 Coal _____
Rock _____ Rock _____

Core Recovery: 100 % _____ %

INTERSEAM THICKNESS: 18.0

Seam No. 2 Elevation of Seam (Base) 1865.6

Seam Interval: 106.42 - 111.78

True Thickness of Mining Section: 5.04 Coal 4.30 Coal _____
Rock 0.74 Rock _____

Core Recovery: 93 % _____ %

INTERSEAM THICKNESS: 51.36

Seam No. 4 Elevation of Seam (Base) 1916.2

Seam Interval: 39.22 - 53.33

True Thickness of Mining Section: 13.67 Coal 13.39 Coal _____
Rock 0.28 Rock _____

Core Recovery: 92 % _____ %

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness of Mining Section: _____ Coal _____ Coal _____
Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS:

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7712 SHEET No: 10

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 13		
12°	55.21	55.34	0.13			Siltstone	grey sandy fossiliferous		
	55.34	56.17	0.83			Sandstone	light grey, med. grained silty toward base with thin layers of claystone crossbedded		
	56.17	56.51	0.34			Claystone	dark grey, very fossiliferous. with carbon laminae at base		
					195'	59.44			
	56.51	56.59	0.08			Coal	bright breaks into cubes		
	56.59	57.63	1.04			Claystone	black carbon with thin layers of coal 1 cm		
		57.85	0.22			"	as above but massive and silty toward base		
					200'	60.96			
18°	57.85	58.73	0.88			Silty claystone	dark grey, laminated regular with carbon stringers		
	58.73	59.43	0.70			Sandstone	light grey, med, to coarse grained		
					205'	62.48			
	59.43	59.55	0.12			Siltstone	dark grey, carbon partly sandy laminae		
	59.55	59.64	0.09			Claystone	carbon and highly broken		
	59.64	60.57	0.93			Sandstone	light grey CaCO ₃ vein at top and at base some carbon specks and stringer occasionally visible		
	60.57	60.73	0.16			Claystone	carbon silty and broken fragments of sandstone CaCO ₃ and coaly inclusions		
		60.83	0.10			"	grey partly carbon and silty		
		61.20	0.37			"	as above slickensides and CaCO ₃ at base		
					210.64	0.01			
15°	61.20	62.18	0.98			Siltstone	dark grey regular bedded massive		
	62.18	62.39	0.21			Claystone	carbon with plans of fossils		
		62.70	0.31			"	as above		
					215'	65.53			
	62.70	62.88	0.18			Coal	bright dull		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7712 east SHEET No: 11

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	62.88	63.59	0.71				Sandstone	light grey med to coarse grained with CaCo ₃ broken at base		
		63.79	0.20				"	as above		
						220'/67.06				
	63.79	64.50	0.71				Siltstone	dark grey with carbon specks and stringers, massive		
	64.50	65.39	0.89				Sandstone	med. grey, fine grained silty crossbedded thin bands		
						225'/68.58				
	65.39	65.54	0.15				Siltstone	grey, sandy bands occasionally claystone bands toward base		
	65.54	66.14	0.60				Claystone	carbon with coaly inclusions slickensides at base		
	66.14	66.23	0.09				Claystone and coal	highly broken and mixed		
	66.23	66.68	0.45				Claystone	as claystone above		
						230'/70.10				
		66.77	0.09				"	as above		
		66.98	0.21				"	as above with coal inclusions		
		67.46	0.48				"	partly carbon and silty toward base		
8°	67.46	67.73	0.27				Sandstone	grey fine to med. grained silty bands crossbedded		
	67.73	67.86	0.13				Siltstone	dark grey massive with thin sandy bands		
		68.36	0.50				"	as above		
		68.51	0.15				"	as above		
						235'/71.63				
	68.51	68.71	0.20				Claystone	carbon and fossiliferous		
	68.71	69.03	0.32				Silty claystone	dark grey partly carbon compact and massive		
	69.03	69.79	0.76				Rock loss			
						238'/72.54				
	69.79	70.89	1.10				Claystone	dark to black carbon with coals inclusions broken at top		
							DRILLERS NOTE: RIGHT DEPTH HERE IS 236'			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7712 SHEET No: 12

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
		71.35	0.46				Claystone as above		
	71.35	72.46	1.11				Sandstone grey, fine to med. grained one thin coal layer (0.5cm) from top .28 cm		
		72.76	0.30			240' / 73.15	" as above TOP OF BOX 17		
		73.03	0.27				" "		
	73.03	73.76	0.73				Claystone dark grey, occasionally silty broken some coaly inclusions		
13°	73.76	73.89	0.13				Sandstone fine grained, very silty, laminated partly carbon.		
	73.89	74.20	0.31				Claystone dark grey, carbon with many coaly specks and stringers		
	74.20	75.33	1.13				Silty claystone dark grey, sandy bands at top irregularly, some veins of CaCO ₃		
	75.33	75.71	0.38				sandstone grey, silty and partly carbonaceous		
						250' / 76.20	" as above but bedding disturbed and occasional carbon bands		
18°		77.20	1.49				TOP OF BOX 18		
	77.20	77.30	0.10				Siltstone grey with few carbon specks massive		
						255' / 77.72			
19°	77.30	78.29	0.99				Sandstone light grey fine to med. grained with carbon stringers and thin layers		
	78.29	78.86	0.57				Silty claystone dark grey very silty at top fossiliferous		
		79.09	0.23			260' / 79.25	" as above		
	79.09	79.62	0.53				Sandstone grey fine to med. grained with silty thin layers massive		
	79.62	80.02	0.40				Siltstone dark grey, sandy toward top and coaly inclusions at base		
						264' / 80.47			
	80.02	81.20	1.18				Claystone dark broken few slickensides at base and thin coal layers and inclusions		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7712 SHEET No: 13

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	81.20	81.27	0.07	0.07			Coal	bright mostly pulverized		
	81.27	81.31	0.02	0.02			Claystone	carbon with thin coal layers		
18°	81.31	81.38	0.07	0.07			Coal	dull and bright		
	81.38	81.43	0.05	0.05			Claystone	as claystone above		
	81.43	81.46	0.03	0.03			Coal	bright partly sheared		
		81.51	0.05	0.05			"	bright dull		
		81.57	0.06	0.06			"	bright partly pulverized		
		81.70	0.13	0.12		270' / 82.30		sheared TOP OF BOX 19		
		81.76	0.06	0.06			Coal	bright dull pulverized		
	81.76	81.79	0.03	0.03			Claystone	carbon with coal		
	81.79	81.87	0.08	0.08			Coal	bright pulverized		
	81.87	82.00	0.13	0.12			Coal loss			
	82.00	83.13	1.13	1.07			Claystone	carbon with occasionally thin coal layers highly broken at base		
	83.13	83.17	0.04	0.04			Coal	bright dull		
						275' / 83.82				
	83.17	83.25	0.08				Claystone	grey, partly carbon silty at base		
	83.25	83.80	0.55				Sandstone	light grey, fine grained silty thin beds and stringers broken		
	83.80	84.09	0.29				Claystone	carbon some CaCO ₃ stringers and coaly inclusions		
	84.09	84.14	0.05				Silty claystone	grey massive with carbon specks		
	84.14	84.20	0.06				Claystone	very carbon and highly broken		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7712 SHEET No: 14

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
18°	84.20	84.33	0.13				Siltstone	grey with laminae of claystone and some coaly inclusions		
	84.33	84.39	0.06				Claystone	carbon one band of coal 0.5 cm at base		
	84.39	84.45	0.06				Siltstone	as siltstone above		
	84.45	84.54	0.09				Claystone	dark grey, silty		
20°	84.54	84.77	0.23				Sandstone	very fine grained, massive		
	84.77	86.05	1.28		280'/85.34		Siltstone	dark grey few coaly laminae and CaCO ₃ veins massive		
	86.05	86.29	0.24				Silty claystone	TOP OF BOX 20 dark grey, massive, compact regular bedded		
	86.29	86.64	0.35		285'/86.87		Siltstone	med. grey sandy at base		
12°	86.64	87.50	0.86				Sandstone	fine grained massive		
	87.50	87.86	0.36				Siltstone	as siltstone above		
		89.30	1.44				"	as siltstone above		
	89.30	89.52	0.22		290'/88.39		Sandstone	fine to med. grained massive		
14°		89.77	0.25		295'/89.92		Sandstone	as above		
	89.77	90.49	0.72				Siltstone	as siltstone above		
		91.22	0.73				"	" " "		
		91.32	0.10				"	" " "		
	91.32	91.37	0.05		300'/91.44		Silty claystone	dark grey compact, massive		
	91.37	92.83	1.46				Siltstone	grey, with fine grained sandy bands		

305'/92.96

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7712 SHEET No: 15

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	92.83	92.94	0.11				Sandstone	light grey med. grained silty at top		
	92.94	93.47	0.53				Siltstone	as siltstone above		
	93.47	94.41	0.94				Sandstone	grey very fine grained silty irregular some crossbedding		
		94.72	0.31		310'	94.49	"	as above toward base		
10 ⁰		94.97	0.25				"	as above but med. grained massive		
		95.89	0.92				"	TOP OF BOX 22		
		97.46	1.57				"			
					315'	96.01	"			
		99.02	1.56				"			
					320'	97.54	"			
		99.43	0.41				"			
					325'	99.06	"	TOP OF BOX 23		
		100.49	1.06				"	as above med. to coarse grained		
		102.07	1.58				"			
					330'	100.58	"			
		103.58	1.51				"			
					335'	102.11	"			
		103.83	0.25		340'	103.63	"	Med. grey, fine grained very silty with some carbon specks and strainers massive		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7712 east SHEET No: 16

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 24 #2 seam		
	103.83	104.97	1.14				Sandstone light grey fine grained with carbonaceous claystone wisps cross bedded; calcite filled claystone fracture at 0.62 m.		
	104.97	105.06	0.09				Claystone medium grey with thin Kaolinite? and silty bands at base hair thin calcite wavy discontinuous wisps about 1mm. in length		
		105.92	0.86			345' / 105.16	as above; calcite described above at first 0.04 m		
	105.92	106.42	0.50				Claystone black carbonaceous coaly ground portion 0.35 0.39 m		
	106.42	106.47	0.05	0.05			Coal dull woody blacky core as grits and chunks	1.41	
					2-1-1	350' / 106.68		1.52	
		106.55	0.08	0.08			bright banded, broken core chips chunks	-0.11	
20°		106.64	0.09	0.08			pulverized*		
		106.73	0.09	0.08			dull banded, chips, chunks, core listric slickensided surfaces sheared		
	106.73	106.91	0.18	0.17			Missing coal stoney at lower half or dull banded coal		
	106.91	107.16	0.25	0.23			mixture of sheared dull banded coal and stoney coal	1.48	
							heavier core as gritty chips and chunks	1.52	
		107.27	0.11	0.10			Coal dull sheared shiny surfaces breaks 1 core axis	-0.04	
		107.43	0.16	0.15			sheared, slickensided, listric surfaces, chips 1-3cm size		
		107.79	0.36	0.34			sheared, dull, bright? broken core		
		107.85	0.06	0.06			pulverized*		
		108.13	0.28	0.26			sheared, dull?; friable crumbly listric bright surfaces		
						355' / 108.20			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7712 SHEET No: 17

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						355' / 108.20			
	108.13	108.35	0.22	0.21		Coal	sheared as above; broken core chips/chunks		
							TOP OF BOX 25		
		108.48	0.13	0.12			dull bright sheared core as above		
		108.64	0.16	0.15			bright banded	.87	
		108.81	0.17	0.16			dull/bright	.92	
								.05	
		109.00	0.19	0.18	2-1-1 ^		pulverized* sheared listric surfaces in small chips		
	109.00	109.10	0.10	0.09		Missing	coal		
						358' / 109.12			
	109.10	109.18	0.08	0.08	2-1-1	Missing	claystone		
	109.18	109.25	0.07	0.07	↑	Claystone	b. ck, carbonaceous broken core mixture of chunks and mud	.52	
		109.70	0.45	0.42			as above	.61	
					2-3-1	360' / 109.73		.09	
	109.70	109.75	0.05	0.05		Coal	pulverized*		
		109.90	0.15	0.14	↓		dull/bright sheared listric slickensided surface		
		110.42	0.52	0.49			as above broken core	1.56	
		110.56	0.14	0.13			carbonaceous top ground core mixture of claystone and coal	1.52	
		111.26	0.70	0.66			bottom chunks of carbonaceous claystone stoney coal	+ .04	
							dull bright; top and bottom broken core		
						365' / 111.25			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7712 SHEET No: 18

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY					
	From	To	Thick.	True				m.Rec.	%				
						365'/	11.25						
	111.26	111.38	0.12	0.11			Coal	dull/bright sheared					
		111.73	0.35	0.33				dull banded base broken					
		111.78	0.05	0.05	2-3-1			pulerized* chips bright	1.51				
	111.78	111.92	0.14	0.13			Claystone	black carbonaceous	-.02				
	111.92	112.77	0.85				Sandstone	light grey, fine grained w/dark grey claystone phases					
		112.85	0.08			370'/	12.78	as above					
							END OF BOX						
	DRILLERS MARKER BLACKS					395'	350'	355'	358'	360'	370'	2.98	
			0.37	missing		-.11	-.04	-.05	-.09	+.04	-.02	3.04	
	GEOPHYSICAL LOG		0.36	MISSING								-.06	
							TOP OF BOX 26						
							REWRITTEN FROM I. DELAS LOG						
	112.85	114.06	1.21				Claystone	dark grey silty carbonaceous specks and stringers	regular				
								bedding massive few thin sandy layers					
23°		115.75	1.69				Sandstone	fine grained occasional silty bands and carbonaceous laminations some cross bedding, massive					
						380'/	15.32					1.51	
		117.26	1.51					as above more silty towards base				1.53	
							TOP OF BOX 27					-.02	
						385'/	17.35						
		117.99	0.73					as above				1.62	1.50
												1.52	1.52
22°		118.76	0.77				Sandstone	light grey medium to coarse grained massive				+.10	
						390'/	18.87						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No.: 7712 SHEET No: 19

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						390' / 118.87			
	118.76	120.36	1.60				as above	1.60	
						395' / 120.40		1.53	
		121.40	1.04				as above	+ .07	
							<u>TOP OF BOX 28</u>		
		121.81	0.41				as above	1.45	
						400' / 121.92		1.52	
		122.85	1.04				as above	- .07	
13°		123.40	0.55			Sandstone	medium grey fine grained silty interbedded and bedding irregular and disturbed massive	1.59	
						405' / 123.44		1.52	
		124.86	1.46				as above	+ .07	
						410' / 124.97		1.46	
								1.53	
		125.72	0.86				as above	- .07	
						Logged by S.P. Santiago 10/7 calculated 14/7	<u>TOP OF BOX 29</u>	1.52	
		126.38	0.66			Sandstone	light grey fine grained cross bedded with thin bands of dark claystone and carbonaceous wisps	1.52	
						415' / 126.49			
		127.12	0.74				as above		
		127.88	0.76				as above	1.50	
						420' / 128.02		1.53	
								.03	
		128.57	0.69				as above		
		129.15	0.58				as above		
	129.15	129.45	0.30			Claystone	dark grey with thin silty bands		
						425' / 129.54		1.57	
								1.52	+ .05

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7712 SHEET No: 20

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						425' / 29.54	#1 seam coal logged/calculated by S.P.Santiago 10/7 & 14/7		
	129.45	129.64	0.19				Claystone black carbonaceous		
	129.64	129.69	0.05	0.05			Coal missing	1.16	
		130.01	0.32	0.31			bright banded; upper .07m broken core TOP OF BOX 30	1.10	+.06
		130.66	0.65	0.64			bright banded; irregular to discontinuous (0-2cm thick) vitrain bands blebby in bright dull metallic matrix base sheared		
					1-1-1 916	428.6' / 130.64			
		130.75	0.09	0.09			bright banded core broken as slices		
		130.80	0.05	0.05			bright banded core broken as slices		
		131.11	0.31	0.30			as above characteristic vitrain bands		
		131.24	0.13	0.13			as above core broken to chips chunks; listric surfaced	.88	
	131.24	131.54	0.30	0.29			as above	.91	
						431.6' / 131.55			-.03
	131.54	132.44	0.90				Claystone dark grey carbonaceous 1-2mm thick coal stringers at .125 fracture fill, .165 .18 fracture fills .78 .81 gritty coal		
	132.44	132.52	0.08				pulverized* gritty coal on top powdered black carbonaceous claystone on bottom	1.55	
		132.55	0.03				Claystone dark grey, carbonaceous	1.53	
		132.88	0.33				as above base with coal stringer	+ .02	

HOLE No: 7712 SHEET No: 21

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	132.88	132.92	0.04				Coal	dull/bright core slices		
	132.92	133.08	0.16				Claystone	dark grey, carbonaceous top .02 alternation of dull/bright coal and claystone		
						436.6'	133.08			
		133.15	0.07					alternation of dull/bright coal and carbonaceous claystone (core sliced)		
		133.33	0.18				Claystone	dark grey carbonaceous at .02 .30° dipping calcite lined .08 .09 coal in fracture .13 .19m dull/bright	.90	
								coal	1.03	-.13
		133.45	0.12					as above bottom .03m. irregular vitrain blocky cube cuptal bands		
		133.98	0.53					dark grey with kaolinite? wispy interbeds TOP OF BOX 31		
						440'	134.11			
		134.16	0.18				Claystone	dark grey, carbonaceous with 1mm. coal stringers at top and centre		
	134.16	134.21	0.05				Coal	bright broken core as slices		
	134.21	134.23	0.02				Claystone	dark grey, carbonaceous top with coal stringers (upper contact)		
	134.23	135.14	0.91				Sandstone	light grey, fine grained with carbonaceous wisps and claystone bombs at 0.52 calcite lined fracture	60°	
25°	contact									
	135.14	135.31	0.17				Claystone	dark grey carbonaceous with thin coal stringers base listric surfaced		
		135.34	0.03				Claystone	stoney coal-sheared highly pulverized listric surfaces on broken core as chips and slices		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7712 SHEET.No: 22

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	135.34	135.60	0.26				as above broken core at 2/3 length		
		135.72	0.12				mixture of claystone (upper) bright coal chips (2cm) (lower)	2.95	
		135.76	0.04				Claystone black carbonaceous coaly	3.05	
		135.80	0.04				top pulverized bottom stoney coal listric surfaced sheared	-1.10	
		135.97	0.17				Claystone balck carbonaceous base with coal stringer		
		136.04	0.07				as above top w/coal stringer core sliced		
		136.30	0.26				as above		
	136.30	136.76	0.46				Sandstone light grey fine grained with claystone bands at .145-.165 and base at .41-.46; cross bedded as above		
		136.93	0.17			450' /	137.16 RAIN TENT LEAKING		
		137.54	0.61				Sandstone light grey fine grained massive; top 0.19m with claystone bands/intercalations		
		138.19	0.65				as above with carbonaceous wisps and claystone interbeds near base		
							TOP OF BOX 32		
	138.19	138.47	0.28				Claystone medium grey with silty phases and thin kaolinite bands		
		138.83	0.36				as above, with lesser silty and kaloinite units		
		139.40	0.57				Claystone dark grey carbonaceous highly broken core at base		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7712 SHEET No: 23

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	139.40	139.69	0.29	0.28			Coal	bright banded (vitrain)		
		139.80	0.11	0.11				dull/bright		1.63
		140.07	0.27	0.26				dull banded core broken		1.53
		140.10	0.03	0.03	1-2-1			pulverized*		+10
12°						460' /	40.21			
		140.31	0.21	0.21				bright banded broken core		
		140.41	0.10	0.10				pulverized* mixture of coal and carbonaceous claystone		
	140.41	141.40	0.66	0.65			Claystone	black carbonaceous		
	141.07	141.15	0.08	0.08			Coal	dull metallic		1.51
		141.22	0.07	0.07				dull metallic		1.52
		141.37	0.15	0.15				pulverized* lower half with vitrain cubes		+04
	141.37	141.67	0.30				Sandstone	light grey, fine medium grained massive top w/coal from contact		
						465' /	41.73			
		142.58	0.91					as above with coal stringers at .23 and .29m		
								REWRITTEN FROM I. DELAS LOG TOP OF BOX 33		
12°		143.21	0.63				Sandstone	light grey, medium to coarse grain worm burrows compact massive (typical base seam 1)		
						470' /	43.26			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7712 SHEET No: 24

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						470' / 143.26			
	143.21	144.71	1.50			as above	1.50		
							1.52		-0.02
						475' / 144.78			
		146.18	1.47			as above	1.47		
							1.52		-0.05
						480' / 146.30			
		147.02	0.84			as above			
		147.71	0.69			as above	1.53		
							1.53		
						485' / 147.83			
		149.24	1.53			as above	1.53		
							1.52		+0.01
8°		150.23	0.99			490' / 149.35			
						as above			
						END OF HOLE			

SAXON PROJECT (SAXON SOUTH)

HOLE NO. 7713 BEARING 040° ANGLE 60° TOTAL DEPTH 269.25
 COORDINATES 6014807.8N 693376.4 E COLLAR ELEVATION 1969.8

Seam No. 1 Elevation of Seam (Base) 1742.9

Seam Interval: 261.20 - 262.05

True Thickness of Mining Section: (0.72) Coal Coal
 Rock Rock

Core Recovery: 80 % %

INTERSEAM THICKNESS: 10.2

Seam No. 2 Elevation of Seam (Base) 1755.8

Seam Interval: 241.82 - 247.14

True Thickness of Mining Section: 4.25 Coal 4.02 Coal
 Rock 0.23 Rock

Core Recovery: 96 % %

INTERSEAM THICKNESS: 38.1

Seam No. 3 Elevation of Seam (Base) 1779.3

Seam Interval: 218.20 - 219.95

True Thickness of Mining Section: 1.05 Coal 0.71 Coal
 Rock 0.34 Rock

Core Recovery: 30 % %

INTERSEAM THICKNESS: 22.2

Seam No. 4 Elevation of Seam (Base) 1817.4

Seam Interval: 169.64 - 175.94

True Thickness of Mining Section: 3.84 Coal 3.35 Coal
 Rock 0.49 Rock

Core Recovery: 78 % %

INTERSEAM THICKNESS: 25.5

SAXON PROJECT (SAXON SOUTH)

HOLE NO. 7713 BEARING _____ ANGLE _____ TOTAL DEPTH _____
COORDINATES _____ COLLAR ELEVATION _____

Seam No. 5 Elevation of Seam (Base) 1855.9

Seam Interval: 130.55 - 131.50

True Thickness of Mining Section: (0.61) Coal 0.44 Coal _____

Rock 0.17 Rock _____

Core Recovery: 63 % _____ %

INTERSEAM THICKNESS: 46.3

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness of Mining Section: _____ Coal _____ Coal _____

Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS: _____

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness of Mining Section: _____ Coal _____ Coal _____

Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS: _____

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness of Mining Section: _____ Coal _____ Coal _____

Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS: _____

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 1

DATE BEGUN: _____ DEPTH: _____ BEARING: 040° U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: 60° LOGGED BY: J. PERRY CORE SIZE: H.Q.



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	0	9.14	9.14				Casing	no core recovery		
							TOP OF BOX 1			
	9.14	10.69	1.55				Sandstone	light to med. grey banded, med. grained silty laminae X bedding burrows and general bioturbation heavily broken at base		
						35'/10.67				
	10.69	11.47	0.78					as above small claystone clasts near top silty at base		
30°	11.47	12.28	0.81				Sandstone	dark grey, fine to medium grained laminated with siltstone and claystone interbands		
						40'/12.19				
26°	12.28	13.37	1.09					as above		
								TOP OF BOX 2		
	13.37	13.88	0.51					as above but med. grey bioturbated		
						45'/13.72				
	13.88	14.81	0.93					as above silty laminae and coarse grained bands		
	14.81	15.39	0.58				Sandstone	banded dark and light grey coarse to medium grained		
						50'/15.24				
	15.39	15.86	0.47					as above coaly wisps at base occasional calcite veins		
	15.86	16.33	0.47				Claystone	dark grey completely broken		
	16.33	16.67	0.34				Sandstone	medium grey, and med. grained		

HOLE No: 7713 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	16.67	16.97	0.30				Claystone dark grey, carbonaceous heavily broken		
						55'/16.76			
	16.97	17.70	0.73				as above silty layer in centre TOP OF BOX 3		
	17.70	18.04	0.34				as above heavily broken		
	18.04	18.62	0.58				Sandstone med. grey, med., grained claystone clasts and bioturbation		
						60'/18.29			
	18.62	19.42	0.80				Sandstone med. grey, med. grained X bedding		
						63'/19.20			
32°	19.42	20.24	0.82				as above claystone and coaly laminae convolute bedding at base		
						65.5'/19.96			
	20.24	20.87	0.63				Silty sandstone med. grey, fine grained with many silty laminae occasional med. grained bands siltstone layer near top		
	20.87	21.72	0.85				Claystone dark grey, carbonaceous in centre extensively broken at top and base		
						70'/21.34			
	21.72	21.93	0.21				Silty Sandstone grey claystone stringers and ironstone concretions		
							TOP OF BOX 4		
	21.93	22.22	0.29				as above, siltstone layer at base		
	22.22	22.68	0.46				Claystone dark grey extremely broken		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
35 ⁰	22.68	23.26	0.58				Sandstone med. grey; med. grained in upper half, coarse grained in lower half. calcite veins with spar calcite along one fracture surface probably open to fluids		
						75'/22.86			
	23.26	24.73	1.47				as above coarse grained with occasional med. grained bands feldspatic X bedding		
						80'/24.38			
	24.73	26.21	1.48				as above some coaly stringers near base		
						85'/25.91			
							TOP OF BOX 5		
	26.21	27.02	0.81				as above grades to med. grained at base		
	27.02	27.65	0.63				Silty sandstone med. grey, med. grained claystone bands near and at base sandstone band near base has many thin calcite veins		
						90'/27.43			
	27.65	27.75	0.10				Claystone dark grey, carbonaceous core broken		
	27.75	28.15	0.40				Core loss rock		
	28.15	28.94	0.79				Sandstone med. grey, med. grained claystone laminae and claystone band near centre calcite veins with slickensides		
	28.94	29.12	0.18				Sandstone dark grey, coarse grained, heldspathic		
						95'/28.96			
	29.12	29.99	0.87				as above some coaly streaks claystone clasts and med. grained sandstone bands		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 4

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						98'/29.87			
	29.99	30.26	0.27				as above core badly broken possible cave fragment present		
	30.26	30.56	0.30			Sandstone	med. grey, med. grained, otherwise as above		
	30.56	30.71	0.15			Sandstone	med. grey, coarse grained		
						100'/30.48			
	30.71	30.92	0.21				as above claystone laminae		
30°	30.92	31.87	0.95			Claystone	grey iron stained siltstone interbeds with sandstone band at base		
	31.87	31.99	0.12			Siltstone	med. grey iron stained		
	31.99	32.15	0.16			Sandstone	med. grey, med. grained core broken		
						105'/32.00			
	32.15	32.31	0.16				as above, joint; surface is rough, regular CA=0°		
	32.31	32.46	0.15			Claystone	dark grey core broken		
	32.46	32.95	0.49			Siltstone	dark grey sandstone interbeds with claystone bands near base		
	32.95	33.15	0.20			Claystone	dark grey, carbonaceous in centre with thin powder coal band		
	33.15	33.37	0.22			Sandstone	med. grey, med. grained silty		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						110.38.53			
	33.37	33.58	0.21			Mud	with sandstone and siltstone chips enclosed		
	33.58	33.88	0.30			Core loss	rock		
	33.88	34.08	0.20			Sandstone	as above but laminated at base		
	34.08	34.35	0.27			Siltstone	iron stained occasional sandstone and claystone bands		
	34.35	34.47	0.12			Claystone	dark grey core broken		
	34.47	34.77	0.30			Core loss	rock		
	34.77	34.93	0.16			Sandstone	med. grey, med. grained		
						115'/85.05			
							TOP OF BOX 7		
38°	34.93	36.33	1.40			Sandstone	med. grey, fine grained laminated with clay rich bands core broken in centre where bedding is steep (65°) fracture surfaces have secondary calcite coatings with slickensides		
						120'/86.58			
	36.33	37.60	1.27				as above extensively broken		
	37.60	37.90	0.30			Core loss	rock		
						125'/88.10			
36°	37.90	38.55	0.65			Sandstone	med. grey, med. grained Fe stained, laminated joint near top; surface smooth and regular CA=35° calcite filled fractures sometimes showing spar calcite probably open to fluid movement.		
	38.55	39.23	0.68			Claystone	dark grey, carbonaceous concretions near base		
						130'/89.62			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 6

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 8</u>		
33°	39.23	40.75	1.52				as above occasional Fe concretions broken at top and at base		
						135'/41.15			
	40.75	41.12	0.37				as above with siltstone layer at base core broken		
39°	41.12	42.23	1.11			Sandstone	med. grey, med. grained claystone laminae in centre		
						140'/42.67			
	42.23	43.50	1.27				as above convolute bedding (slump structure) near base occasional coarse grained, feldspathic		
							<u>TOP OF BOX 9</u>		
	43.50	43.79	0.29			Sandstone	med. grey, med. grained, laminated siltstone band at top Fe stained		
						145'/44.20			
33°	43.79	45.29	1.50				as above, grading to coarse grained feldspathic sandstone at base occasional shale bands spar calcite on some fracture surfaces		
						150'/45.72			
	45.29	46.82	1.53			Sandstone	med. grey, coarse grained feldspathic laminate near base some Fe staining calcite veins as above		
						155'/47.24			
	46.82	47.80	0.98				as above core broken at top		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET-No: 7
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 10</u>		
	47.80	48.33	0.53				as above		
						160'/48.77			
	48.33	49.92	1.59			Sandstone	med. grey, fine grained, laminated occasional claystone bands small scale X bedding in lower half		
						165'/50.29			
	49.92	50.07	0.15				as above disturbed bedding probable slump		
40°	50.07	50.36	0.29			Siltstone	grey a few thin sandstone bands		
	50.36	51.36	1.00			Sandstone	as above many clay rich bands in lower half along with occasional coal stringers and disturbed bedding joint at top; surface is rough regular CA=0°		
						170'/51.82			
	51.36	52.19	0.83				as above disturbed bedding is prominent occasional carbonaceous bands		
							<u>TOP OF BOX 11</u>		
	52.19	52.37	0.18			Sandstone	as above		
39°	52.37	52.93	0.56			Claystone	dark grey, Fe stained occasional silty bands		
						175'/53.34			
(44°)	52.93	53.23	0.30			Siltstone	grey with sandy bands disturbed bedding		
	53.23	53.47	0.24			Claystone	dark grey		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	53.47	53.55	0.08				Coal powdered		
	53.55	53.58	0.03				Claystone dark grey, carbonaceous, core broken		
	53.58	53.70	0.12				Silt sandstone carbonaceous, stringers at top		
	53.70	54.30	0.60				Sandstone light grey, med. grained, occasional calcite veins with voids		
	54.30	55.92	1.62			180'/54.86	as above		
	55.92	56.30	0.38			185'/56.39	as above		
							TOP OF BOX 12		
	56.30	56.34	0.04				Coal bright		
	56.34	56.39	0.05				dull banded		
	56.39	56.43	0.04				dull and bright		
	56.43	56.48	0.05				Coal and bands		
	56.48	56.57	0.09				Coal bright banded		
	56.57	56.64	0.07				bright powdered		
	56.64	56.68	0.04				bright		
	56.68	56.73	0.05				Claystone dark grey, carbonaceous		
	56.73	56.97	0.24				Siltstone dark grey		
	56.73	56.97	0.24				Siltstone dark grey		
	56.97	57.31	0.34				Core loss rock		
						190'/57.91			
	57.31	57.76	0.45				Claystone dark grey, Fe stains concretions throughout		
	57.76	58.86	1.10				Silty sandstone med. grey, med. grained, claystone laminae occasional coarse grained sandstone bands		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7713 SHEET No: 9

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						195'/59.44			
37°	58.86	60.32	1.46				as above		
						200'/60.96			
	60.32	60.59	0.27				as above		
	60.59	60.91	0.32			Siltstone	grey, sandy band at base		
	60.91	61.09	0.18			Sandstone	med. grey, fined grained silty at base TOP OF BOX 13		
	61.09	61.24	0.15			Siltstone	grey, with thin sandstone bands		
34°	61.24	61.88	0.64			Claystone	dark grey, with thin siltstone bands		
	61.88	62.28	0.40			205'/62.48	Core loss	rock	
	62.28	62.61	0.33				as above, carbonaceous		
	62.61	63.17	0.56			Silty claystone	dark grey, with thin sandstone bands		
	63.17	63.80	0.63			210'/64.01			
	63.80	64.26	0.46			Sandstone	med. grey, fine to med. grained with claystone interbeds.		
						Siltstone	dark grey with thin claystone and sandstone interbeds and coaly stringers		
34°	64.26	64.67	0.41			Sandstone	as above		
						215'/65.53			
39°	64.67	65.28	0.61				as above		
	65.28	66.08	0.80				as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 10

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						220'/67.06			
	66.08	66.83	0.75			Siltstone	dark grey, with claystone bands and sandstone lenses		
	66.83	67.35	0.52			Claystone	dark grey, with siltstone and sandstone lenses		
	67.35	67.70	0.35			Core loss	coal		
	67.70	67.78	0.08			Sandstone	med. grey, med. grained		
						225'/68.58			
	67.78	68.97	1.19				as above, interbedded claystone and siltstone bands		
						230'/70.10			
34°	68.97	69.99	1.02				as above, occasional calcite veins TOP OF BOX 15		
	69.99	70.61	0.62			Sandstone	med grey, med. grained, thin claystone and siltstone bands		
						235'/71.63			
	70.61	72.13	1.52				as above, becomes silty towards base thicker siltstone and claystone		
						240'/73.15			
	72.13	72.56	0.43			Silty sandstone	dark grey, interbedded clean sandstone, siltstone and claystone bands		
	72.56	73.17	0.61			Siltstone	dark grey, thin sandstone bands		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 11

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	73.17	73.67	0.50				Claystone	dark grey		
						245'/74.68				
	73.67	74.02	0.35				Silty claystone	dark grey with claystone bands		
	74.02	74.21	0.19				Sandstone	med. grey, med. grained, claystone laminae		
								TOP OF BOX 16		
	74.21	74.65	0.44					as above, siltstone bands near base along with a coarse grained sandstone band		
	74.65	74.93	0.28				Silty sandstone	dark grey, with clean sandstone lenses		
						250'/76.20				
39°	74.93	75.12	0.19					as above		
	75.12	76.42	1.30				Sandstone	light grey, med. to coarse grained, Fe stained feldspathic occasional coal stringers and calcite veins		
						255'/77.72				
	76.42	77.92	1.50					as above		
						260'/79.25				
	77.92	78.03	0.11					as above		
	78.03	78.85	0.82				Core loss	rock		
	78.85	79.45	0.60				Core loss	coal		
	79.45	79.67	0.22				Mud	with claystone chips		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 12

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	79.67	79.79	0.12				Core loss	rock		
	79.79	80.09	0.30				Claystone	dark grey, core broken		
						265' / 80.77		TOP OF BOX 17		
	80.09	80.41	0.32					as above		
	80.41	80.50	0.09				Mud	with claystone chips		
	80.50	80.80	0.30				Core loss	coal		
	80.80	81.88	1.08				Claystone	dark grey, Fe stained, plant remains carbonaceous in places		
						270' / 82.30				
47°	81.88	83.35	1.47				Sandstone	med. grey, fine grained thin siltstone and claystone interbeds		
						275' / 83.82				
	83.35	83.75	0.40					as above		
	83.75	84.24	0.49				Siltstone	dark grey, many thin sandstone bands grades into the above		
	84.24	84.40	0.16				Claystone	dark grey, heavily broken		
								TOP OF BOX 18		
	84.40	84.45	0.05					as above, carbonaceous		
	84.45	84.52	0.07				Coal	bright		
						280' / 85.34				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 13

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	84.52	84.58	0.06				dull banded		
	84.58	84.63	0.05				bright, powdered		
	84.63	84.80	0.17				Core loss coal		
	84.80	85.00	0.20				Claystone dark grey, carbonaceous, sheared, heavily broken		
	85.00	85.50	0.50				as above, not sheared		
	85.50	85.60	0.10				Core loss rock		
	85.60	85.77	0.17				Core loss coal		
	85.77	85.89	0.12				Coal bright, sheared		
	85.89	85.95	0.06				dull and bright broken		
	85.95	86.00	0.05				dull banded		
	86.00	86.04	0.04				Claystone carbonaceous, heavily broken		
	86.04	86.14	0.10				Claystone dark grey, broken		
						285'/86.87			
	86.14	86.99	0.85				Claystone dark grey, carbonaceous, coal bands and laminæ		
	86.99	86.03	0.04				Coal dull banded		
	87.03	87.27	0.24				Core loss rock		
	87.27	87.76	0.49				Claystone as above		
						290'/88.39			
	87.76	88.12	0.36				as above, heavily broken in places		
	88.12	88.18	0.06				Coal dull and bright		
	88.18	88.38	0.20				Core loss coal		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 14

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	88.38	89.24	0.86				Claystone	dark grey, carbonaceous, coal bands and laminae		
							<u>TOP OF BOX 19</u>			
	89.24	89.43	0.19				as above			
					295'	89.92				
	89.43	89.53	0.10				as above			
	89.53	89.58	0.05				Coal and bands	thin bright coal bands; sheared		
	89.58	89.82	0.24				Core loss	coal and rock		
	89.82	90.43	0.61				Claystone	dark grey, carbonaceous in places		
	90.43	91.00	0.57				Silty claystone	dark grey		
					300'	91.44				
	91.00	91.72	0.72				as above,	siltstone and sandstone bands		
45°	91.72	92.56	0.84				Sandstone	light grey, med. grained, massive, with thin argillaceous bands		
					305'	92.96				
	92.56	93.18	0.62				as above	occasional calcite veins		
	93.18	93.33	0.15				Claystone	dark grey		
	93.33	93.65	0.32				Sandstone	med. grey, med. grained, argillaceous laminae		
							<u>TOP OF BOX 20</u>			
64°	93.65	94.10	0.45				as above			
					310'	94.49				
90°	94.10	95.78	1.68				as above,	calcite veins, with voids bedding steepens to almost 11 to core axis in middle		

HOLE No: 7713 SHEET No: 15

 DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____


B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						315'/96.01			
	95.78	96.83	1.05				as above, silty at base		
53°	96.83	97.28	0.45			Siltstone	dark grey, sandy some plant remains		
						320'/97.54			
45°	97.28	97.79	0.51				as above		
							<u>TOP OF BOX 21</u>		
47°	97.79	98.20	0.41			Sandstone	med. grey, fine grained, silty at top and argillaceous laminae throughout		
	98.20	98.48	0.28			Siltstone	dark grey		
	98.48	98.85	0.37			Sandstone	med. grey, med. grained		
46°	98.85	100.35	1.50			325'/99.06			
						Sandstone	as above, argillaceous bands, bioturbated in centre, occasional calcite veins		
						330'/100.58			
54°	100.35	101.38	1.03				as above with siltstone and claystone interbeds bedding steepers towards base		
60°	101.38	101.88	0.50			Siltstone	dark grey sandstone bands		
						335'/102.11			
	101.88	101.93	0.05				as above		
	101.93	102.03	0.10			Claystone	dark grey, carbonaceous, broken		
							<u>TOP OF BOX 22</u>		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 16
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	102.03	102.52	0.49				Siltstone	dark grey, broken		
	102.52	102.67	0.15				Core loss	rock		
68°	102.67	103.27	0.60				Sandstone	med. grey, fine to med. grained, argillaceous, laminae, thick calcite veins near base where core is also broken		
					340'	103.63				
	103.27	104.15	0.88					as above; thin calcite veins		
					343'	104.55				
68°	104.15	105.69	1.54					as above, occasional calcite veins and coal stringers		
					348'	106.07				
	105.69	106.28	0.59					as above, joint near base; smooth regular CA=10°		
								TOP OF BOX 23		
					350'	106.68				
50°	106.28	107.37	1.09					as above, siltstone layer in centre		
	107.37	107.84	0.47				Silty claystone	dark grey, sandstone layer at base, core broken in centre		
					355'	108.20				
53°	107.84	109.36	1.52				Sandstone	med. grey, fine grained, argillaceous laminations, and claystone bands		
					360'	109.73				
	109.36	110.44	1.08					as above, but med. grained, coal stringers		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 17

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 24</u>		
	110.44	110.96	0.52				as above		
					365'	11.25			
	110.96	111.93	0.97				as above, a calcite filled joint runs through most of the core // to core axis		
	111.93	112.49	0.56				Silty sandstone dark grey, fine grained, siltstone bands and argillaceous laminae		
					370'	12.78			
	112.49	113.48	0.99				Siltstone dark grey, some sandy bands and claystone laminae occasional plant remains		
	113.48	113.99	0.51				Sandstone dark grey, med. grained, argillaceous laminae		
					375'	14.30			
	113.99	114.25	0.26				as above		
43°	114.25	114.82	0.57				Siltstone dark grey with interbedded claystone and sandstone		
							<u>TOP OF BOX 25</u>		
	114.82	115.36	0.54				Sandstone med. grey, fine grained		
					380'	15.82			
	115.36	115.76	0.40				Siltstone dark grey, claystone bands		
	115.76	116.11	0.35				Sandstone med. grey, med. grained		
	116.11	116.33	0.22				Silty claystone dark grey		
33°	116.33	116.87	0.54				Sandstone med. grey, med. grained, Argil, laminae, siltstone at base		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 18

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						385'/17.35			
	116.87	117.15	0.28				as above, siltstone at top, calcite vein at base		
	117.15	118.48	1.33			Sandstone	med. grey, med. grained, occasional argillaceous laminae, calcite veins with voids		
						390'/18.87			
32°	118.48	118.62	0.14				as above		
	118.62	118.86	0.24			Siltstone	dark grey, thin sandstone and claystone bands		
							<u>TOP OF BOX 26</u>		
	118.86	119.25	0.39				as above		
	119.25	119.45	0.20			Claystone	dark grey, carbonaceous, coal laminae broken		
66°	119.45	120.00	0.55			Silty sandstone	dark grey, fine grained, many siltstone interbeds occasional calcite veins		
						395'/20.40			
	120.00	121.34	1.34			Claystone	dark grey silty; coaly stringers, heavily broken at base		
						400'/21.92			
	121.34	121.49	0.15			Core loss	rock		
	121.49	122.78	1.29				as above, sheared in places; sandy at base, core broken		
						405'/23.44			
	122.78	122.93	0.15			Sandstone	light grey, fine grained		
	122.93	123.10	0.17			Claystone	as above		
							<u>TOP OF BOX 27</u>		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 19

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
700	123.10	124.29	1.19				Claystone	as above, blue grey; thin sandstone phases		
						410' /	24.97			
	124.29	125.83	1.54					as above, core broken at top, centre and base, possible coal band in broken core at center		
						415' /	26.49			
	125.83	126.65	0.82					as above, somewhat more silty, sandstone bands at base		
55°	126.65	127.28	0.63				Sandstone	med. grey, med. grained, argillaceous bands		
						420' /	28.02			
	127.28	127.38	0.10					as above		
								<u>TOP OF BOX 28</u>		
	127.38	127.89	0.51					as above		
	127.89	128.17	0.28				Siltstone	dark grey with claystone and sandstone layers		
	128.17	128.67	0.50	0.32			Claystone	dark grey, core broken		
						425' /	29.54			
	128.67	129.00	0.33	0.21				as above, thin coal bands, broken		
	129.00	129.05	0.05	0.03	↑		Coal	dull		
	129.05	129.14	0.09	0.06	↑			dull and bright		
	129.14	129.27	0.13	0.08	5-1-1			bright banded		
	129.27	129.34	0.07	0.05	805			dull banded		
	129.34	129.44	0.10	0.06	6/8/77			pulverized (? dull banded)		
	129.44	129.55	0.11	0.07	↓		Core loss	coal		
	129.55	129.65	0.10	0.06	↑		Claystone	dark grey, pulverized		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 20
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	129.65	129.80	0.15	0.10	5-2-1		Claystone	dark grey, carbonaceous, sheared, broken		
	129.80	130.40	0.60	0.40	806		Core loss	rock		
	130.40	130.55	0.15	0.10	6/8/77		claystone	powdered, carbonaceous, occasional small coal chips		
						430' /	31.06			
	130.55	130.85	0.30	0.19			Core loss	coal		
	130.85	131.00	0.15	0.10			Coal	bright banded		
	131.00	131.10	0.10	0.06			Claystone	dark grey, carbonaceous		
	131.10	131.13	0.03	0.02	5-3-1 807		Coal	dull		
	131.13	131.26	0.13	0.08	6/8/77		Claystone	powder; some coal chips		
	131.26	131.33	0.07	0.05			Coal	powder, bright banded		
	131.33	131.40	0.07	0.05				powder, dull		
	131.40	131.45	0.05	0.03			Claystone	carbonaceous; broken		
	131.45	131.50	0.05	0.03			Coal	dull		
	131.50	131.97	0.47	0.31			Claystone	dark grey, carbonaceous at top, broken		
						435' /	32.59			
	131.97	132.72	0.75				Core loss	rock		
	132.72	132.97	0.25				Sandstone	med. grey, med. grained, broken, calcite veins		
								<u>TOP OF BOX 29</u>		
	132.97	133.58	0.61					as above		
						440' /	34.11			
	133.58	133.96	0.38				Siltstone	dark grey with sandstone bands, calcite veins		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 21

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	133.96	134.31	0.35				Sandstone	med. grey, fine grained silty bands and argillaceous laminae, occasional calcite veins		
	134.31	134.58	0.27				Siltstone	dark grey, with sandstone bands		
	134.58	135.10	0.52				Sandstone	med. grey, med. grained, argillaceous laminae, calcite veins with voids		
						455' /	135.64			
44°	135.10	135.93	0.83					as above		
	135.93	135.58	0.65				Claystone	dark grey, sandy phases near top, occasional coal stringers		
						450' /	137.16			
	135.58	137.20	0.62					as above		
									<u>TOP OF BOX 30</u>	
	137.20	138.14	0.94					as above		
						455' /	138.68			
	138.14	138.99	0.85					as above		
53°	138.99	139.34	0.35				Siltstone	dark grey, claystone interbeds		
	139.34	139.65	0.31				Claystone	as above		
						460' /	140.21			
	139.65	140.17	0.52					as above, interbedded with siltstone and sandstone at base		
40°	140.17	140.48	0.31				Siltstone	dark grey with claystone and sandstone interbeds		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 22

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	140.48	141.23	0.75				Sandstone med. grey, fine grained, many siltstone and claystone interbeds, occasional calcite veins		
						465' /	141.73		
	141.23	141.58	0.35				as above		
							TOP OF BOX 31		
42°	141.58	142.80	1.22				as above, argillaceous laminae		
						470' /	143.26		
	142.80	144.33	1.53				as above		
						475' /	144.78		
45°	144.33	145.22	0.89				as above		
						478' /	145.69		
	145.22	145.93	0.71				as above		
							TOP OF BOX 32		
	145.93	146.80	0.87				as above		
						483' /	147.22		
	146.80	146.94	0.14				Mud with chips of sandstone		
	146.94	147.08	0.14				Sandstone as above		
	147.08	147.25	0.17				Mud with chips of sandstone		
	147.25	147.28	0.03				Sandstone as above		
						484.5' /	147.67		
31°	147.28	148.90	1.62				Sandstone med. grey, med. grained, argillaceous a few thin bands, containing claystone clasts		

HOLE No: 7713 SHEET No: 23

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						489.51/149.12			
51°	148.90	150.15	1.25				as above, many argillaceous bands, calcite veining in centre with voids, slickensides on fracture surfaces containing calcite		
							<u>TOP OF BOX 33</u>		
	150.15	150.70	0.55				as above		
						495' / 150.88			
	150.70	152.26	1.56				as above		
						500' / 152.40			
	152.26	153.75	1.49				as above, laminated at base		
						505' / 153.92			
55°	153.75	154.09	0.34				as above, laminated		
							<u>TOP OF BOX 34</u>		
	154.09	155.16	1.07				as above		
						510' / 155.45			
	155.16	156.74	1.58				as above		
						515' / 156.97			
	156.74	158.26	1.52				as above, many thin, discontinuous calcite veins		
						520' / 158.50			
31°	158.26	158.47	0.21				as above		
	158.47	159.81	1.34				as above		
						525' / 160.02			
	159.81	160.31	0.50				Sandstone dark grey, fine to med. grained, massive		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 24

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	160.31	161.27	0.96				Sandstone med. grey, med. grained, argillaceous laminae, frequent calcite veins		
						530' /	161.54		
	161.27	162.75	1.48				as above, more heavily veined than above, particularly at base voids in veins		
							TOP OF BOX 36		
	162.75	162.88	0.13				as above		
						535' /	163.07		
	162.88	163.89	1.01				Silty sandstone dark grey, fine grained with siltstone bands and claystone laminations		
48°	163.89	164.38	0.49				Claystone dark grey, carbonaceous many sandstone and siltstone laminations		
						540' /	164.59		
	164.38	165.86	1.48				as above		
						545' /	166.12		
64°	165.86	166.51	0.65				as above		
	166.51	166.91	0.40				sandstone med. grey, fine grained, argillaceous laminations occasional calcite veins		
							TOP OF BOX 37		
	166.91	167.44	0.53				as above, silty at base		
						550' /	167.64		
	167.44	168.93	1.49				Claystone dark grey occasional plant fragments, interbeds of siltstone and sandstone, occasional thin coal bands		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 25

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M. : _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT. : _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						555' / 69.16			
50°	168.93	169.64	0.71	0.43			as above		
	169.64	169.78	0.14	0.09	↑		Coal dull and bright		
	169.78	169.81	0.03	0.02	↑		d.l.		
	169.81	169.90	0.09	0.05	4-1-1		bright banded		
	169.90	170.02	0.12	0.07	808		bright		
	170.02	170.11	0.09	0.05	6/8/77		bright banded		
	170.11	170.18	0.07	0.04	↓		d.l. and bright		
(45°)	170.18	170.30	0.12	0.07	↑		Claystone dark grey, carbonaceous, plant fragments		
	170.30	170.40	0.10	0.06	4-2-1	560' / 170.69	Coal bright banded		
	170.40	170.44	0.04	0.02	809		dull and bright		
					6/8/77				
	170.44	170.47	0.03	0.02	↑		Claystone as above		
	170.47	170.53	0.06	0.04	↓		Mud with claystone chips		
	170.53	170.62	0.09	0.05	↓		Claystone as above		
	170.62	170.70	0.08	0.05	↑		Coal stoney		
	170.70	170.94	0.24	0.15			Core loss coal		
	170.94	171.03	0.09	0.05			Coal dull banded, broken		
	171.03	171.10	0.07	0.04			d.l. TOP OF BOX 38		
	171.10	171.18	0.08	0.05			d.l. banded		
	171.18	171.21	0.03	0.02	4-3-1		d.l. bright		
	171.21	171.37	0.16	0.10	810		d.l. banded		
	171.37	171.50	0.13	0.08	6/8/77		d.l. bandly broken		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 26

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	171.50	171.61	0.11	0.07			d.l. banded; badly broken		
						564.5' / 172.06			
	171.61	171.89	0.28	0.18			d.l.		
	171.89	172.04	0.15	0.09			d.l. banded		
	172.04	172.11	0.07	0.04			dull, broken		
	172.11	172.27	0.16	0.10			dull, hard, near boney		
	172.27	172.41	0.14	0.09			d.l.		
	172.41	172.47	0.06	0.04			d.l. and bright		
	172.47	172.55	0.08	0.05			d.l. banded		
	172.55	172.62	0.07	0.04			d.l.		
	172.62	172.74	0.12	0.07			d.l. banded		
	172.74	172.78	0.04	0.02			d.l. and bright, sheared, heavily broken		
	172.78	173.03	0.25	0.15	↓		Core loss coal		
						569.5' / 173.58			
	173.03	173.14	0.11	0.07	↑		d.l. and bright		
	173.14	173.22	0.08	0.05			pulverized, probably bright banded		
	173.22	173.35	0.13	0.08			d.l. and bright		
	173.35	173.45	0.10	0.06			d.l.		
	173.45	173.54	0.09	0.05			d.l. banded		
	173.54	173.64	0.10	0.06			d.l. and bright		
	173.64	173.72	0.08	0.05			pulverized, probably d.l. and bright		
	173.72	173.96	0.24	0.15			Core loss coal		
						572' / 174.35			
	173.96	173.99	0.03	0.02			d.l. banded		
	173.99	174.06	0.07	0.04			boney		
	174.06	174.12	0.06	0.04	4-3-2		d.l. and bright, heavily broken		
	174.12	174.24	0.12	0.07	811		dull banded		
	174.24	174.32	0.08	0.05	6/8/77		bright banded		
	174.32	174.41	0.09	0.05			d.l.		
	174.41	174.50	0.09	0.05			d.l. banded		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 27

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	174.50	174.60	0.10	0.06			d.l.		
	174.60	174.66	0.06	0.04			dull		
	174.66	174.79	0.13	0.08			d.l.		
						575.5'	/175.41		
	174.79	174.81	0.02	0.02			pulverized, probably dull and bright		
	174.81	175.06	0.25	0.15			Core loss		
							coal		
	175.06	175.09	0.03	0.02			Claystone		
	175.09	175.26	0.17	0.10			Core loss		
							dark grey, carbonaceous		
							rock		
	175.26	175.31	0.05	0.03			Coal		
	175.31	175.50	0.19	0.12	4-4-1		Core loss		
							dull, boney bande		
							coal		
	175.50	175.70	0.20	0.12	812		Claystone		
	175.70	175.74	0.04	0.02	6/8/77		Core loss		
							dark grey, carbonaceous		
							rock		
	175.74	175.92	0.18	0.11			Coal		
							d.l. and bright, pulverized at base		
							TOP OF BOX 39		
	175.92	175.94	0.02	0.02			pulverized		
	175.94	176.01	0.07	0.04			Claystone		
	176.01	176.11	0.10	0.06			Core loss		
							pulverized		
							rock		
	176.11	176.47	0.36	0.22			Claystone		
							dark grey, carbonaceous in places, thin coal bands		
55°	176.47	178.00	1.53	0.88		580' /	176.78	Silty claystone	dark grey, siltstone interbeds, a few plant remains, occasional calcite veins
						585' /	178.31		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 28

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	178.00	179.53	1.53	0.86			as above		
						590' /	174.83		
	179.53	179.57	0.04	0.02			Coal bright		
57°	179.57	180.11	0.54	0.29			Siltstone dark grey, interbeds of sandstone and claystone TOP OF BOX 40		
	180.11	180.71	0.60	0.33			Claystone dark grey, carbonaceous with thin bright coal bands, (up to 0.04 in. thick), sandstone and siltstone bands at top		
						594' /	181.05		
	180.71	181.15	0.44	0.24			as above, occasional listric surfaces sub -// to bedding		
	181.15	181.19	0.04	0.02	↑		Coal stoney, with bright bands		
	181.19	181.23	0.04	0.02			dull		
	181.23	181.25	0.03	0.02			bright		
	181.26	181.30	0.04	0.02			dull		
	181.30	181.35	0.05	0.03			dull banded		
	181.35	181.39	0.04	0.02			bright		
	181.39	181.46	0.07	0.04			dull and bright		
	181.46	181.62	0.16	0.09			pulverized; probably bright banded		
	181.62	181.69	0.07	0.04		Claystone	pulverized		
	181.69	181.95	0.26	0.14		Core loss	rock		
	181.95	181.98	0.03	0.02	4-5-1		Coal bright		
	181.98	182.04	0.06	0.03	813		pulverized, probably bright		
					6/8/77				
						599' /	182.58		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 29
 DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	182.04	182.16	0.12	0.07			bright			
	182.16	182.20	0.04	0.02			dull banded			
	182.20	182.22	0.02	0.01			bright			
	182.22	182.35	0.13	0.07			dull and bright, pulverized			
	182.35	182.50	0.15	0.08			bright banded, pulverized			
	182.50	182.59	0.09	0.05			stoney			
	182.59	182.63	0.04	0.02			Claystone			
						601' /	183.18	dark grey, carbonaceous		
	182.63	182.68	0.05	0.03			Coal			
	182.68	182.72	0.04	0.02			bright banded, broken			
	182.72	182.75	0.03	0.02	↓		stoney			
							bright, broken			
56°	182.75	184.03	1.28	0.71			Claystone			
							dark grey, carbonaceous thin coal bands and stringers, sandy bands at base core broken			
	184.03	184.15	0.12				Sandstone			
						606' /	184.71	med. grey, fine grained, occasional calcite veins		
	184.15	184.47	0.32				as above			
	184.47	184.62	0.15				Core loss			
							rock			
							<u>TOP OF BOX 41</u>			
	184.62	185.24	0.62				as above			
	185.24	185.38	0.14				Silty claystone			
						610' /	185.93	dark grey		
	185.38	185.60	0.22				as above, grades to sandstone at base			
	185.60	186.25	0.65				Sandstone			
							med. grey, med. grained, argillaceous laminae and thin claystone bands			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 30

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
51 ⁰	186.25	186.97	0.72				Silty claystone dark grey, interbedded with sandstone, particularly at top		
						615' /			
	186.97	188.14	1.17			87.45	Siltstone dark grey, with interlayered sandstone and claystone bands		
	188.14	188.54	0.40				Sandstone light grey, fine grained with claystone laminations		
60 ⁰	188.54	189.06	0.52			620' /	as above		
							TOP OF BOX 42		
	189.06	189.50	0.44				Siltstone dark grey, interlayered sandstone and claystone		
	189.50	190.01	0.51				Claystone dark grey, carbonaceous, thin coal bands and stringers, occasional listric surfaces		
						625' /			
	190.01	190.25	0.24			190.50	as above		
	190.25	190.44	0.19				Coal dull and bright		
	190.44	190.56	0.12				bright banded		
	190.56	190.77	0.21				bright		
	190.77	190.81	0.04				Coal and bands		
	190.81	190.89	0.08				Coal stoney		
	190.89	191.01	0.12				Claystone dark grey, carbonaceous		
	191.01	191.06	0.05				Coal bright, pulverized		
	191.06	191.13	0.07				Claystone as above		
	191.13	191.19	0.06				Coal bright, broken		

HOLE No: 7713 SHEET No: 31

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	191.19	191.28	0.09				Claystone as above		
55°	191.28	191.55	0.27				Sandstone med. grey, fine grained, claystone laminae, occasional calcite veins with voids		
						630' /	92.02		
	191.55	191.86	0.31				Siltstone dark grey, with sandstone and claystone bands		
	191.86	193.16	1.30				Sandstone med. grey, med. grained, laminated at top, coaly stringers, occasional calcite veins with voids		
							<u>TOP OF BOX 43</u>		
						635' /	93.55		
	193.16	194.39	1.23				as above		
	194.39	194.55	0.16				Claystone dark grey, carbonaceous		
						640' /	95.07		
	194.55	194.66	0.11				as above		
	194.66	194.74	0.08				Mud with claystone and sandstone chips		
	194.74	194.94	0.20				Core loss rock		
	194.94	195.17	0.23				Sandstone dark grey, fine grained, argillaceous laminae		
						641' /	95.37		
	195.17	196.26	1.09				Sandstone med. to dark grey, fine to med. grained, argillaceous laminae at top, massive		
						645' /	96.60		
	196.26	196.36	0.10				Core loss rock		
	196.36	196.55	0.19				Mud dark brown, soft		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 32

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	196.55	196.92	0.37				Sandstone	as above, calcite veins, broken in centre		
	196.92	196.97	0.05				Claystone	dark grey, carbonaceous, some coal chips, broken		
	196.97	197.03	0.06				Mud	dark grey		
	197.03	197.53	0.50				Core loss	rock		
	197.53	197.85	0.32				Sandstone	as above, has 0.02m wide calcite vein running sub-// to core axis, shows post vein movement		
						650' /	198.12			
	197.85	198.00	0.15				Sandstone	as above, with the large calcite vein		
							TOP OF BOX 44			
45°	198.00	199.40	1.40					as above, with vein, claystone bands in centre		
						655' /	199.64			
	199.40	200.92	1.52					as above, claystone layer at top and centre		
						660' /	201.17			
	200.92	201.36	0.44					as above, thin claystone layers		
46°	201.36	201.41	0.05				Clay	light grey green, solid, somewhat soapy, possible, kaolinite band		
	201.41	202.19	0.78				Sandstone	as above, massive towards base, many calcite veins with voids		
							TOP OF BOX 45			
	202.19	202.44	0.25					as above, calcite veins		
						665' /	202.69			
	202.44	202.86	0.42					as above, calcite veins		
	202.86	203.18	0.32				Silty sandstone	dark grey, fine grained, claystone bands and laminae		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 33

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	203.18	203.92	0.74				Sandstone med. grey, med. grained, claystone bands and laminae, occasional calcite veins		
						670' / 204.22			
38°	203.92	205.49	1.57				as above, joint L'r to bedding CA=53°, secondary calcite on a smooth regular surface		
						675' / 205.74			
26°	205.49	206.00	0.51				as above, minor fault at base		
	206.00	206.33	0.33				Sandstone light grey, med. grained, argillaceous laminae convolute bedding near base, calcite veining at top		
							TOP OF BOX 46		
	206.33	207.01	0.68				as above, small faults at top and near centre calcite veining throughout		
						680' / 207.26			
45°	207.01	208.03	1.02				Sandstone med. grey, fine grained, many thin claystone bands and argillaceous laminae, small displacement faults near centre, calcite veins with voids		
						684' / 208.48			
	208.03	209.15	1.12				as above, clean massive, sand near top		
48°	209.15	209.59	0.44				Claystone dark grey, siltstone bands and sandstone layer at base		
						689' / 210.01			
	209.59	210.58	0.99				Sandstone med. grey, fine to med. grained, a few claystone bands, and argillaceous laminae, occasional calcite veins		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 34

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 47		
	210.58	211.18	0.60				as above, thick calcite vein at top		
					694'	211.53			
	211.18	212.80	1.62				as above, calcite veins with voids		
					699'	213.06			
47°	212.80	213.74	0.94				as above, slumped bedding near centre, many argillaceous bands near base		
					702'	213.97			
	213.74	214.70	0.96				as above, coaly stringers towards base		
							TOP OF BOX 48		
	214.70	215.12	0.42				as above		
					707'	215.49			
	215.12	215.95	0.83			Sandstone	light to dark grey banded, fine grained, many claystone bands in upper half, more massive in lower half, occasional calcite veins with voids		
					710'	216.41			
51°	215.95	217.51	1.56				as above, small scale X bedding, many argillaceous bands and bioturbation in upper part, slumped bedding at centre		
					715'	217.93			
	217.51	217.79	0.28			Siltstone	dark grey, thin interbeds of sandstone and claystone		
	217.79	218.02	0.23	0.14		Claystone	dark grey, carbonaceous thin bright coal bands		
	218.02	218.20	0.18	0.11		Sandstone	med. grey, fine grained, two 0.02m. coal bands near top		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 35
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	218.20	218.63	0.43	0.26	↑		Core loss	coal		
	218.63	218.71	0.08	0.05	3-1-1 814		Coal	dull and bright		
					6/8/77	720'	219.46			
	218.71	218.85	0.14	0.08	↓			bright		
	218.85	219.03	0.18	0.11	815	3-21	6/8/77	stoney		
	219.03	219.35	0.32	0.19			Core loss	rock		
	219.35	219.37	0.02	0.01			Coal	bright		
	219.37	219.41	0.04	0.03	3-1-1			dull; heavily broken		
	219.41	219.48	0.07	0.04	816			stoney; heavily broken		
	219.48	219.95	0.47	0.28	6/8/77		Core loss	coal		
	219.95	219.99	0.04	0.03			Claystone	dark grey, carbonaceous, lustric surfaces broken		
								TOP OF BOX 49		
						723'	220.37			
	219.99	220.43	0.44	0.26			Claystone	dark grey, carbonaceous, many thin coal bands, sandy bands at base		
	220.43	220.55	0.12				Sandstone	med. grey, med. grained, some thin calcite veins		
						725'	220.98			
55°	220.55	221.73	1.18					as above, medium scale x bedding, argillaceous laminae and towards base, claystone bands, occasional calcite veins		
						730'	222.50			
	221.73	222.08	0.35				Silty sandstone	med. grey, fine grained, many silty bands		
	222.08	222.77	0.69				Siltstone	dark grey, interbeds of claystone, calcite filled joints, surfaces are smooth and regular CA=15°		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 36

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	222.77	223.29	0.52				Sandstone med. grey, fine grained, many argillaceous bands, heavily veined with calcite showing voids, large calcite filled joint runs sub - // to core axis, minor fault near base		
						735' / 224.03			
	223.29	223.43	0.14				Claystone dark grey, carbonaceous		
44°	223.43	223.97	0.54				Sandstone as above, lithologically, also exhibits carbonaceous stringers in centre		
	223.97	224.07	0.10				Claystone dark, carbonaceous		
							TOP OF BOX 50		
	224.07	224.11	0.04				as above		
	224.11	224.81	0.70				Sandstone med. grey, fine grained, thin claystone bands, occasional calcite veins with voids		
						740' / 225.55			
	224.81	226.11	1.30				as above, heavy calcite veining near top		
						745' / 227.08			
51°	226.11	226.56	0.45				Sandstone med. grey, fine grained, massive, claystone bands at top and base		
	226.56	227.01	0.45				Claystone dark grey, carbonaceous, a few thin sandstone bands, some coaly stringers, occasional listric surfaces		
	227.01	227.20	0.19				Siltstone dark grey; some coaly stringers, calcite veins		
	227.20	227.58	0.38				Claystone as above, with siltstone bands		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 37

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						750'/228.60			
30°	227.58	228.24	0.66			Siltstone	dark grey, interbedded claystone and sandstone, some thin coal bands		
							TOP OF BOX 51		
	228.24	229.08	0.84				as above, occasional calcite veins		
44°	229.08	229.70	0.62			755'/230.12	as above		
	229.70	230.60	0.90				Sandstone	light grey, fine grained, siltstone bands and argillaceous laminae and occasional med. grained sandstone bands	
44°	230.60	232.11	1.51			760'/231.65	as above		
	232.11	232.44	0.33			765'/233.17	as above		
							TOP OF BOX 52		
	232.44	233.64	1.20				as above, occasional calcite veins		
51°	233.64	234.68	1.04			770'/234.70	as above, joint at top, calcite filled, surface is smooth and regular CA=20°, calcite veins with voids at base, bedding steepens to 65° at base		
	234.68	236.14	1.46			773'/235.76	as above, heavily broken in centre with much calcite veining, possible minor fault here, disturbed zone is 0.55m thick, the rock below has lots of thin discontinuous calcite veins, some small		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 38

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							contd. amounts of breccia are associated with a large calcite vein in central portion		
	236.14	236.19	0.05				Core loss rock		
						777' / 236.83			
58°	236.19	236.57	0.38				Sandstone as above, lots of calcite veins some of which are cut by later slip planes, occasional coaly whisps		
							TOP OF BOX 53		
	236.57	237.19	0.62				as above, joint near base		
						780' / 237.74			
50°	237.19	238.71	1.52				as above, calcite veins at top with many voids core broken towards centre and base, bedding steepens to near // to core axis in centre for 0.55m.		
85°									
70°									
70°	238.71	240.25	1.54				as above, heavily veined with calcite, several minor faults (slips) (near base have a small displacement along a 0.005m calcite vein which shows a small amount of breccia, bedding above this vein is steeper than that below		
50°									
						785' / 239.27			
	240.25	240.52	0.27				as above, heavily veined, some breccia associated with vein at base possible small fault here		
						790' / 240.79			
	240.52	240.82	0.30				TOP OF BOX 54		
							as above, calcite veins with voids, occasional claystone bands		
37°	240.82	241.65	0.83	0.66			Claystone dark grey, carbonaceous, sheared at top some silty bands and thin coal bands occasional calcite veins		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 39

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						795'/242.32			
	241.65	241.82	0.17	0.14			as above		
	241.82	241.88	0.06	0.05	↑		Core loss coal		
	241.88	241.93	0.05	0.04			Coal d.l.		
	241.93	241.98	0.05	0.04			dull		
	241.98	242.03	0.05	0.04			bright		
	242.03	242.10	0.07	0.06			d.l. and bright		
	242.10	242.14	0.04	0.03			d.l. banded		
	242.14	242.24	0.10	0.08			d.l. and bright		
	242.24	242.30	0.06	0.05	2-1-1		dull, sheared		
	242.30	242.36	0.06	0.05	817		d.l. banded		
	242.36	242.43	0.07	0.06	6/8/77		d.l. slightly sheared		
	242.43	242.57	0.14	0.11			d.l. banded		
	242.57	242.67	0.10	0.08			d.l.		
	242.67	242.84	0.17	0.14			d.l. banded, with thin boney and ash bands		
	242.84	243.20	0.36	0.29			d.l. and bright, broken at base		
						800'/243.84			
	243.20	243.32	0.12	0.10	↓		bright banded, with several thin boney bands		
	243.32	243.37	0.05	0.04	↑		Carbonaceous claystone dark grey, thin bright coal laminae		
	243.37	243.43	0.06	0.05			Core loss rock		
	243.43	243.51	0.08	0.06			Coal dull, slightly sheared		
	243.51	243.65	0.14	0.11			d.l.		
	243.65	243.71	0.06	0.05			d.l. banded		
	243.71	243.74	0.03	0.02			d.l. and bright		
	243.74	243.84	0.10	0.08			d.l. banded		
	243.84	243.90	0.06	0.05			d.l. hard		
	243.90	243.99	0.09	0.07			d.l. banded		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 40

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	243.99	244.04	0.05	0.04			d.l. and bright		
	244.04	244.09	0.05	0.04			d.l.		
	244.09	244.12	0.03	0.02			sheared, core complete		
	244.12	244.23	0.11	0.09	2-2-1		d.l. banded		
	244.23	244.26	0.03	0.02	818		d.l.		
	244.26	244.29	0.03	0.02	6/8/77		d.l. banded		
	244.29	244.34	0.05	0.04			d.l. bright		
	244.34	244.48	0.14	0.11			d.l. banded		
	244.48	244.57	0.09	0.07			d.l.		
	244.57	244.63	0.06	0.05			boney with bright coal laminae		
						805'/243.36			
	244.63	244.71	0.08	0.06			Core loss coal		
	244.71	244.78	0.07	0.06			d.l. bright, broken		
	244.78	244.81	0.03	0.02			d.l., broken		
	244.81	244.89	0.08	0.06			d.l. banded		
	244.89	244.95	0.06	0.05			dull and bright		
							<u>TOP OF BOX 55</u>		
	244.95	245.04	0.09	0.07			d.l. banded		
	245.04	245.14	0.10	0.08			d.l. and bright		
	245.14	245.17	0.03	0.02	*		Claystone dark, carbonaceous		
	245.17	245.20	0.03	0.02	*		dull and bright; thin ash bands		
	245.20	245.24	0.04	0.03			dull		
	245.24	245.45	0.21	0.18			d.l. banded		
	245.45	245.53	0.08	0.06			d.l.		
	245.53	245.57	0.04	0.03			d.l. banded		
	245.57	245.60	0.03	0.02			d.l.		
	245.60	245.67	0.07	0.06			bright, sheared		
	245.67	245.77	0.10	0.08			d.l. and bright, slightly sheared		
	245.77	245.82	0.05	0.04			d.l. banded, slightly sheared		
	245.82	246.02	0.20	0.16	2-3-1		d.l., slightly sheared		
	246.02	246.07	0.05	0.04	819		d.l. banded		
	246.07	246.23	0.16	0.13	6/8/77		d.l.		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 41

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	246.23	246.26	0.03	0.02			d.l. banded		
						810' / 246.89			
	246.26	246.30	0.04	0.03			dull and bright		
	246.30	246.34	0.04	0.03			dull		
	246.34	246.38	0.04	0.03			dull banded		
	246.38	246.44	0.06	0.05			bright		
	246.44	246.52	0.08	0.06			d.l. and bright		
	246.52	246.55	0.03	0.02			stoney		
	246.55	246.60	0.05	0.04			dull		
	246.60	246.70	0.10	0.08			d.l. and bright		
	246.70	247.02	0.32	0.27			bright		
	247.02	247.14	0.12	0.10			stoney, with bright coal laminae		
						813' / 247.80			
	247.14	247.29	0.15	0.12			Claystone	dark grey, carbonaceous, sheared and broken	
	247.29	247.33	0.04	0.03			Coal	bright, sheared and broken	
37°	247.33	248.70	1.37	1.09			Sandstone	med. grey, med. grained, argillaceous laminae and occasional thin coal bands	
						818' / 249.33			
	248.70	249.23	0.53				as above		
43°	249.23	249.53	0.30				as above		
						820' / 249.94			
	249.53	251.14	1.61				as above, occasional calcite veins, partings occur along thin claystone bands which after show listric surfaces		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 42

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
49°	251.14	252.64	1.50			825'/251.46	as above, massive in centre, thicker clay rich bands nearer base		
	252.64	253.12	0.48			830'/252.98	Siltstone dark grey, occasional plant remains, interbedded fine-grained sandstone and claystone		
	253.12	253.51	0.39				Sandstone med. grey, fine grained, thin interbeds of claystone		
							TOP OF BOX 57		
	253.51	254.26	0.75				as above, occasional calcite veins with voids		
	254.26	255.70	1.44			835'/254.51	as above, some breccia in calcite vein near centre		
54°	255.70	257.80	1.58			840'/256.03	as above, bedding steep at top but "flattens" out to a 54° at centre large calcite vein near centre, (0.02m thick) runs // to core axis, also near centre have disturbed core with heavy calcite veining and some breccia formation, possible small fault		
	257.28	257.78	0.50			845'/257.65	as above		
							TOP OF BOX 58		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 43

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	257.78	258.72	0.94				as above, heavily veined with calcite		
						850' / 254.08			
	258.72	260.31	1.59				as above, heavily veined with calcite, exhibits voids, many small movement planes exhibited by listric surfaces along what were probably claystone bands, highly disturbed core		
						855' / 260.60			
36 ⁰	260.31	260.96	0.65	0.55			as above, with more claystone bands		
	260.96	261.20	0.24	0.20		Claystone	dark grey, carbonaceous, some sandy phases, listric surfaces		
	261.20	261.31	0.11	0.09	↑	Core loss	coal		
	261.31	261.40	0.09	0.07		Coal	dull, sheared		
						860' / 262.13			
	261.40	261.44	0.04	0.03	1-1-1		d.l. extremely broken		
	261.44	261.52	0.08	0.07			dull, extremely broken		
	261.52	261.55	0.03	0.03			boney, " "		
	261.55	261.59	0.04	0.03	820		dull, " "		
	261.59	261.63	0.04	0.03	6/8/77		d.l., " "		
	261.63	261.73	0.10	0.09			dull, sheared extremely broken		
	261.73	261.80	0.07	0.06			sheared, extremely broken		
	261.80	261.83	0.03	0.03			dull, " "		
	261.83	261.91	0.08	0.07		Core loss	coal		
							TOP OF BOX 59		
	261.91	261.94	0.03	0.03	↓		dull and bright		
	261.94	262.01	0.07	0.06			dull banded		
	262.01	262.05	0.04	0.03			dull		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7713 SHEET No: 44
 DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	262.05	263.10	1.05	0.90			Sandstone dark grey, med. grained, massive with coaly whisps near top, occasional argillaceous bands joint near top; surface rough and stepped CA=10°		
						865' / 263.65			
	263.10	264.60	1.50				as above		
						870' / 265.18			
	264.60	266.20	1.60				as above, several coal stringers, occasional pebbles		
						875' / 266.70			
	266.20	266.32	0.12				as above		
27°	266.32	267.71	1.39				as above		
						880' / 268.22			
	267.71	269.25	1.54				as above		
							No bottom marker block		
							END OF HOLE		

SAXON PROJECT (SAXON SOUTH)

HOLE NO. 7714 BEARING 040° ANGLE 60° TOTAL DEPTH 61.55
 COORDINATES 6015383.0 N 693003.8 E COLLAR ELEVATION 1720.4

Seam No. 2 Elevation of Seam (Base) 1673.3

Seam Interval: 46.66 - 54.44

True Thickness of Mining Section: 7.20 Coal 6.68 Coal _____
 Rock 0.52 Rock _____

Core Recovery: 96 % _____ %

INTERSEAM THICKNESS: 29.20

Seam No. 3 Elevation of Seam (Base) 1706.5

Seam Interval: 14.71 - 16.02

True Thickness of Mining Section: 1.29 Coal 0.79 Coal _____
 Rock 0.50 Rock _____

Core Recovery: 81 % _____ %

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness of Mining Section: _____ Coal _____ Coal _____
 Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness of Mining Section: _____ Coal _____ Coal _____
 Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS:

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7714 SHEET No: 1
 DATE BEGUN: 22 June 1977 DEPTH: _____
 DATE FINISHED: 24 June 1977 ELEV. COLLAR: 1720.4m
 LAT.: _____ HOLE ANGLE: 60°

BEARING: 040° U.T.M.: 6015383.0N693003.8E
 TOTAL DEPTH: 61.3m COAL LICENSE: 2767
 LOGGED BY: G. Jordan CORE SIZE: HQ



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	0.00m	7.11m	7.11m				Triconed to 7.11m, no core		
							TOP OF BOX 1		
10°	7.11	7.32				7.32m	Sandstone fine grained, medium grey, crossbedded near the top	0.21	
	7.32	8.01						0.69	
	8.01	8.11	0.10				Core loss sandstone	0.00	
17°	8.11	9.35				9.95	Sandstone fine grained, medium grey, with numerous interbeds of grey siltstone	1.24	
	9.35	10.23						0.88	
							Sandstone as above, with phases of fine coaly wisps		
	10.23	10.99				10.97		0.76	
	10.99	11.15						0.16	
							TOP OF BOX 2		
	11.15	11.57					Sandstone as above	0.42	
	11.57	12.12					Siltstone grey, with fine interbeds of fine grained sandstone	0.55	
	12.12	12.58				12.50	Sandstone fine grained, light grey, with numerous interbeds of grey claystone, and one bright coal bed near the centre	0.46	
	12.58	13.05						0.47	
	13.05	13.43					Siltstone as above	0.38	
	13.43	13.98				14.02	Claystone dark grey, fossiliferous, subfissile, with a few thin siltstone interbeds	0.55	
	13.98	14.64						0.66	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7714 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	14.64	14.71					Claystone dark grey, carbonaceous	0.07	
(15°)	14.71	14.74		0.03			Coal and claystone interbedded, oxidized and iron stained SEAM 3, upper	0.03	
	14.74	14.79	0.05	0.05			Core loss coal and claystone	0.00	
	14.79	14.87		0.08			Coal dull and bright	0.08	
	14.87	14.91		0.04			Coal dull banded	0.04	
	14.91	14.95		0.04			Coal bright	0.04	
	14.95	14.99		0.04			Coal dull and bright	0.04	
	14.99	15.02		0.03			Coal dull	0.03	
	15.02	15.12		0.10			Core loss coal	0.10	
	15.12	15.32		0.19			Stone coaly	0.20	
						15.54	TOP OF BOX 3		
	15.32	15.35		0.03			Coal dull	0.03	
	15.35	15.42		0.07			Coal dull and bright	0.07	
	15.42	15.45		0.03			Coal dull banded	0.03	
	15.45	15.49		0.04			Coal bright	0.04	
	15.49	15.53		0.04			Coal dull banded	0.04	
	15.53	15.82		0.28			Carbonaceous claystone, black, numerous bright coal bands	0.29	
	15.82	15.92		0.10			Coal dull and bright	0.10	
	15.92	16.02	0.10	0.10			Core loss coal	0.00	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7721 SHEET No: 6

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						101'/30.78			
32°	30.75	32.32	1.57				as above, a thin band containing small claystone clasts at base; occasional calcite veins with voids joint near base; surfaced smooth but curved, CA=5°		
						106'/32.31			
	32.32	32.82	0.50				as above, argillaceous bands increase towards base, medium scale X-bedding		
							<u>TOP OF BOX 8</u>		
	32.82	33.58	0.76				as above, many silty bands at base		
	33.58	33.89	0.31			Siltstone	dark grey sandstone bands		
						111'/33.83			
	33.89	35.42	1.53				as above, many sandstone bands in lower half, sandstone layer at centre, some burrowing, calcite veins near base		
						116'/35.36			
	35.42	36.28	0.86			Sandstone	med. grey, fine grained, many siltstone bands, burrows		
35°	36.28	36.52	0.24	0.20		Siltstone	dark grey, thin sandstone bands		
	36.52	36.54	0.02	0.02		Coal	pulverized		
	36.54	36.68	0.14	0.12		Silty sandstone	med. grey, fine grained		
						121'/36.88			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7714 SHEET No: 4

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	23.83	24.07					Claystone as above	0.24	
						24.69			
	24.07	24.52						0.45	
							Siltstone grey, interbeds of grey-fine grained sandstone becoming more prominent toward base		
18 ⁰	24.52	25.66				26.21		1.14	
	25.66	26.82						1.16	
							Sandstone fine grained, light grey, frequent grey claystone interbeds throughout		
	26.82	26.99						0.17	
						27.74			
	26.99	27.95						0.96	
							TOP OF BOX 6		
	27.95	28.61						0.66	
						29.26			
	28.61	30.26						1.65	
						30.78			
	30.26	31.88						1.62	
						32.31			
	31.88	32.02						0.14	
							TOP OF BOX 7		
	32.02	32.28						0.26	
						33.53			
	32.28	32.56						0.28	
							Sandstone medium grained, light grey cross bedded, phases of coaly wisps throughout, occasional calcite filled fractures along bedding planes convolute bedding		
	32.56	33.86						1.30	
						34.75			
	33.86	35.10					at base		
						36.27		1.24	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7714 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	35.10	36.24					Sandstone as above	1.14	
							<u>TOP OF BOX 8</u>		
	36.24	36.41						0.17	
	36.41	37.60					Siltstone grey, with numerous irregular interbeds of claystone and fine grained sandstone throughout	1.19	
					37.80				
	37.60	39.04						1.44	
	39.04	39.21					Sandstone fine grained, light grey with numerous coaly wisps	0.17	
					39.32		and interbeds of fine grained sandstone throughout		
	39.21	40.37					Occasional subvertical calcite filled fractures	1.16	
							<u>TOP OF BOX 9</u>		
	40.37	40.78				40.84		0.41	
	40.78	41.87						1.09	
					42.37				
	41.87	42.26						0.39	
					42.98				
	42.26	42.89						0.63	
							large irregular coaly inclusion extending 0.30m		
	42.89	43.19					along core, probable tree stump adjacent sediments	0.30	
							sandstone as above		
	43.19	43.43					Sandstone as above	0.24	
	43.43	43.92					Siltstone grey, with a few interbeds of light grey-fine	0.49	
					44.50		grained sandstone		
	43.92	44.46						0.54	
							<u>TOP OF BOX 10</u>		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7714 SHEET No: 6

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	44.46	45.01					Siltstone as above TOP OF BOX 10	0.55	
	45.01	45.28					Claystone dark grey, carbonaceous, plant fossils	0.27	
22°	45.28	45.76				46.02			0.48
	45.76	45.86		0.09			Coal and claystone interbedded, heavily sheared	0.10	
	45.86	45.96	0.10	0.09			Core loss coal and claystone	0.00	
	45.96	46.04		0.08			Coal bright banded, sheared	0.08	
	46.04	46.66		0.58			Claystone dark grey, carbonaceous in lower half	0.62	
(19.5%)	46.66	46.71		0.05			Coal bright banded SEAM 2	0.05	
	46.71	46.77		0.06			dull and bright	0.06	
	46.77	46.84		0.06			dull	0.07	
	46.84	46.49		0.06			dull and lusterous	0.06	
	46.49	46.93		0.03		2/3/1	bright	0.03	
	46.93	47.01		0.07		47.55	dull banded	0.08	
	47.01	47.07		0.06			dull	0.06	
	47.07	47.14		0.06			dull and bright	0.07	
	47.14	47.19		0.05			bright banded	0.05	
	47.19	47.21		0.02			dull and bright	0.02	

SHIPPING TAG NO. 0800

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7714 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY			
	From	To	Thick.	True				m.Rec.	%		
	47.21	47.31		0.09	↑ SHIPPING TAG NO. 0800		Coal	dull and bright, heavily sheared	0.10		
	47.31	47.37		0.06				bright sheared	0.06		
	47.37	47.61	0.24	0.23				Core missing	coal	0.00	
	47.61	47.65		0.04					dull banded, sheared	0.04	
	47.65	47.78		0.12					dull and bright, very heavily sheared	0.13	
	47.78	47.87		0.08					dull banded	0.09	
	47.87	47.97		0.09		2/3/1			dull and bright, core broken	0.10	
	47.97	48.07		0.09					bright banded	0.10	
	48.07	48.18		0.10					dull and bright	0.11	
	48.18	48.23		0.05					bright	0.05	
	48.23	48.36		0.12				dull and bright	0.13		
	48.36	48.43		0.06				dull banded	0.07		
	48.43	48.50		0.06		49.07		bright banded, sheared	0.07		
	48.50	48.60		0.09				dull banded	0.10		
	48.60	48.76		0.15				dull and bright	0.16		
	48.76	48.83		0.06	2/2/1		Claystone	carbonaceous, with numerous bright coal bands	0.07		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7714 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	48.83	48.93	Thin	Thick				m.Rec.	%
	48.93	49.11		0.17	2/2/1		Core missing Claystone as above heavily sheared	0.18	
	49.11	49.32		0.20			Claystone as above, heavily sheared	0.21	
	49.32	49.38		0.06			Coal heavily sheared	0.06	
	49.38	49.42		0.04			dull	0.04	
	49.42	49.46		0.04			dull and bright	0.04	
	49.46	49.51		0.05			bright banded	0.05	
	49.51	49.57		0.06			dull and bright, core broken	0.06	
	49.57	49.61		0.04	2/1/3		dull banded	0.04	
	49.61	49.72		0.10			dull and bright	0.11	
	49.72	49.81		0.08		50.60	dull banded	0.09	
	49.81	49.91		0.09			dull banded	0.10	
	49.91	50.02		0.10			dull and bright, core broken	0.11	
	50.02	50.09		0.06	SHIPPING TAG NO. 0798		dull	0.07	
	50.09	50.16		0.06			dull banded, core broken and sheared	0.07	
	50.16	50.25		0.08			dull and bright, core broken and sheared	0.09	
	50.25	50.30		0.05			bright, core broken	0.05	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7714 SHEET No: 9

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	50.30	50.36		0.06	↑ SHIPPING TAG NO. 0798		Coal	dull and bright	0.06	
	50.36	50.47		0.10				dull banded	0.11	
	50.47	50.53		0.06				bright banded	0.06	
	50.53	50.64		0.10				dull and bright	0.11	
	50.64	50.72		0.07				dull banded	0.08	
	50.72	50.82		0.09		2/1/3		dull	0.10	
	50.82	50.98		0.15				dull and bright	0.16	
	50.98	51.07		0.08				dull banded	0.09	
	51.07	51.17		0.09				dull and bright, core badly broken	0.10	
	51.17	51.26		0.08			52.12	dull and bright	0.09	
	51.26	51.33		0.07			dull banded	0.07		
	51.33	51.42		0.08	2/1/2		dull and bright	0.09		
	51.42	51.51		0.08			bright banded	0.09		
	51.51	51.66		0.14			dull and bright	0.15		
	51.66	51.73		0.06			dull banded	0.07		
	51.73	51.79		0.06			bright	0.06		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7714 SHEET No: 10

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	51.79	51.83		0.04	↑ SHIPPING TAG NO. 0797 ↓		Coal dull	0.04	
	51.83	51.89		0.06			dull and bright	0.06	
	51.89	51.94		0.05			dull banded	0.05	
	51.94	52.05		0.10			dull and bright	0.11	
	52.05	52.17		0.11			dull banded	0.12	
	52.17	52.27		0.09			dull	0.10	
	52.27	52.46		0.18			dull and bright	0.19	
	52.46	52.55		0.08		2/1/2	dull banded	0.09	
	52.55	52.63		0.07			bright banded, core broken	0.08	
	52.63	52.71		0.07			dull banded, core broken	0.08	
	52.71	52.85		0.13			dull and bright, core pulverized	0.14	
	52.85	52.97		0.11			dull banded	0.12	
	52.97	53.05		0.07			53.64 TOP OF BOX 12 dull and bright	0.08	
	53.05	53.11		0.06			bright	0.06	
	53.11	53.28		0.16		2/1/1	dull and bright	0.17	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7714 SHEET No: 11
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	53.28	53.35		0.06	↑		Coal	dull banded	0.07
	53.35	53.46		0.10				dull and banded	0.11
	53.46	53.52		0.06				dull banded	0.06
	53.52	53.58		0.06				bright	0.06
	53.58	53.70		0.11				dull banded	0.12
	53.70	53.78		0.07				dull and bright	0.08
	53.78	53.85		0.06		2/1/1		dull banded	0.07
	53.85	53.98		0.12	SHIPPING TAG NO. 0796		bright banded	0.13	
	53.98	54.03		0.05				dull and bright	0.05
	54.03	54.08		0.05				bright	0.05
	54.08	54.17		0.08				bright banded	0.09
	54.17	54.22		0.05				bright	0.05
	54.22	54.32		0.09				bright banded	0.10
	54.32	54.44		0.11				dull and bright	0.12
	54.44	55.40		0.90		55.17	Siltstone	dark grey, carbonaceous at top	0.96

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7714 SHEET No: 12
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
17 ⁰	55.40	55.95					Sandstone medium grained, light grey, coaly wisps occasional phases of grey siltstone	0.55	
						56.69			
	55.95	57.17						1.22	
							<u>TOP OF BOX 13</u>		
	57.17	57.28					Claystone dark grey, phases and interbeds of grey sandstone	0.11	
						58.22			
	57.28	58.77					Sandstone medium grained, light grey, a few interbeds of grey claystone, calcite filled fractures along bedding and inclined to bedding	1.49	
						59.74			
	58.77	58.95						0.18	
	58.95	59.62						0.69	
	59.62	59.84					Claystone as above	0.22	
							Breccia irregular blocks of sandstone and claystone with veins and inclusions of calcite and coaly material iron stained, possible fault breccia	0.49	
	59.84	60.33				61.26			
	60.33	60.38					Sandstone as above	0.05	
	60.38	60.79					Claystone dark grey, occasional calcite filled irregular fractures	0.41	
							<u>TOP OF BOX 14</u>		
	60.79	61.55				62.79		0.76	
							BOTTOM OF HOLE SD 7714		

SAXON PROJECT (SAXON EAST)

HOLE NO. SD 7715 BEARING 40° ANGLE 60° TOTAL DEPTH 238.87
COORDINATES 6020319.6 N 693839.3 E COLLAR ELEVATION 1847.9

Seam No. 1 Elevation of Seam (Base) 1664.4

Seam Interval: 209.63 - 211.85 Upper

True Thickness
of Mining Section: (2.08) Coal 2.08 Coal _____
Rock -- Rock _____

Core Recovery: 100 % _____ %

INTERSEAM THICKNESS: 16.6

Seam No. 2 Elevation of Seam (Base) 1681.9

Seam Interval: 186.04 - 191.70

True Thickness
of Mining Section: 5.48 Coal 4.58 Coal _____
Rock 0.90 Rock _____

Core Recovery: 76 % _____ %

INTERSEAM THICKNESS: 51.1

Seam No. 4 Elevation of Seam (Base) 1733.3

Seam Interval: 125.59 - 132.32

True Thickness
of Mining Section: 6.28 Coal 6.04 Coal _____
Rock 0.24 Rock _____

Core Recovery: 74 % _____ %

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness
of Mining Section: _____ Coal _____ Coal _____
Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS:

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7715 SHEET No: 1
 DATE BEGUN: 26.6.77 DEPTH: 237.8m BEARING: 040° U.T.M.: _____
 DATE FINISHED: 3.7.77 ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: 60° LOGGED BY: M.V. Sperber CORE SIZE: H.Q.



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 1		
	6.29	6.47	0.18				Claystone grey, silty, plant remains		
	6.47	6.60	0.13				Siltstone grey		
	6.60	7.06	0.46				Sandstone brownish grey, fine grained, argillaceous, thin siltstone bands		
	7.06	7.92	0.86				light grey, medium grained	1.63	
						26'/7.92			
10°	7.92	8.05	0.13				as above		
	8.05	8.20	0.15				brownish grey, fine grained		
	8.20	8.55	0.35				Siltstone grey, at base grading to claystone		
10°	8.55	9.16	0.61				Claystone dark grey, partly carbonaceous in the middle part, coal bands, at base-rootings	1.26	
						31'/9.45			
	9.16	0.28	0.12				grey, silty, rootings		
34°	9.28	10.31	1.03				Sandstone grey, medium grained, coal streaks irregular calcite filled fractures, core partly broken		
							TOP OF BOX 2		
	10.31	10.93	0.62				Sandstone as above, many coal streaks, partly coarse grained	1.77	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7715 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	10.93	11.58	0.65				Missing		
						38'/11.58			
	11.58	11.70	0.12				Sandstone as above, core broken		
		11.90	0.20				Siltstone and claystone core broken		
		11.98	0.08				Coal poor coal	1.54	
		12.48	0.50				Missing		
		12.60	0.12				Claystone grey, silt at base grading to fine grained sandstone		
		13.02	0.42				Sandstone grey, fine grained		
28°		13.62	0.60				light grey, medium grained		
						45'/13.72			
		14.72	1.10				as above, at base coal streaks, sedimentary breccia		
		15.22	0.50				Claystone dark grey, silty plant remains, partly carbonaceous at base grading to fine grained sandstone		
						50'/15.24			
		15.50	0.28				Sandstone grey, fine grained, at top silty		
							<u>TOP OF BOX 3</u>		
		16.56	1.06				Sandstone as above		
						55'/16.76			
		17.96	1.40				as above	1.40	
						60'/18.29			
10°		19.22	1.26				as above, at base bedding partly disturbed by slumping		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7715 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	19.22	19.57	0.35				Siltstone grey		
		20.12	0.55			66'/20.12	Missing		
		20.52	0.40				TOP OF BOX 4 Siltstone grey, at top sand bands, at base grading to clay stone		
		20.88	0.36				Claystone dark grey to black carbonaceous		
	20.88	21.07	0.19				Coal weathered		
		21.11	0.04				poor coal		
		21.13	0.02				bright banded		
		21.16	0.03				weathered		
		21.56	0.40			71'/21.64	Sandstone grey, fine grained		
		22.10	0.56				as above, many coal streaks, pyrite skins on the coal surfaces		
		22.32	0.22				Claystone dark grey, silty	1.54	
		23.10	0.78				Sandstone fine grained, at base medium grained		
		23.92	0.82			76'/23.16	grey, fine to medium grained, coal streaks with pyrite skins		
		24.10	0.18				Claystone dark grey to black, carbonaceous		
		24.25	0.15				Coal weathered	1.38	
		24.30	0.05				Sandstone dark grey, fine grained, carbonaceous		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7715 SHEET No: 4

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 5		
	24.30	24.48	0.18				Sandstone as above plant remains		
						81'/24.69			
30°		25.75	1.27				grey, fine grained, claystone interbeds		
		26.01	0.26				Claystone dark grey, at top silty, at base carbonaceous, plant remains, pyritic skins on coaly matter	1.53	
						86'/25.21			
		26.09	0.08				as above		
		26.77	0.68				Siltstone grey		
30°		27.61	0.84				Sandstone grey, fine grained, well laminated at base, weathered (brownish colour)	1.60	
						91'/27.74			
		27.65	0.04				brown (weathered) as above		
		27.73	0.08				Clay brown with brown sandstone fragments (fault)		
65°		27.89	0.25				Sandstone grey, fine grained, thin CaCO ₃ filled fractures		
46°		28.38	0.40				Siltstone grey		
		28.55	0.17				Claystone dark grey, silty plant remains with pyritic skins		
							TOP OF BOX 6		
		29.26	0.71				Claystone dark grey, silty phases, in the middle part-carbonaceous	1.45	
						96'/29.26			
15°		29.66	0.40				Siltstone grey, sandy bands		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7715 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	29.66	30.39	0.73				Sandstone	grey, fine grained		
		30.79	0.40				Siltstone	grey		
25° 35°		31.99	1.20			101'/30.78		grey sandy bands and phases at base bedding disturbed, core broken		
		32.05	0.10				Clay	brown, with siltstone fragments	1.50	
		32.29	0.20				Siltstone	grey, core broken		
		32.54	0.25			106'/32.31		as above		
		32.79	0.25					TOP OF BOX 7 as above, at base grading to claystone	1.03	
		33.32	0.53				Claystone	dark grey, carbonaceous, coal bands, plant remains		
		34.32	1.00			110'/33.53		grey, silty, calcareous, rootings at base, carbonaceous	1.60	
		34.92	0.60					dark grey to black, carbonaceous, coal bands, core broken		
		36.59	1.67			115'/35.05		grey silty to sandy calcareous a few coal bands	1.61	
		36.87	0.27			120'/36.58	Sandstone	dark grey, fine grained, argillaceous(?), calcareous		
		38.19	1.33				Sandstone	TOP OF BOX 8 grey, fine grained, at base carbon., homogeneous		
		38.79	0.60					grey to dark grey, fine to medium, argillaceous, carbonaceous, coal bands	3.19	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7715 SHEET No: 6
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	38.79	39.35	0.56				Sandstone grey, fine to medium grained, coal streaks		
		39.78	0.43				grey to light grey, medium to coarse grained, coal streaks		
						130' / 39.62	as above, many coal streaks		
		40.06	0.28						
		40.38	0.32				Claystone grey, silty	1.57	
18°		41.25	0.87				Siltstone grey		
							<u>TOP OF BOX 9</u>		
		41.35	0.10			135' / 41.15	Siltstone as above		
		48.80	0.45				as above, at base grading into claystone		
15°		42.07	0.27	0.26			Claystone dark grey, coal bands, plant remains		
		42.17	0.10	0.09	10-1-1 0935		Coal dull banded	1.49	
		42.29	0.12	0.11	3/8/77		dull and bright		
		42.41	0.12	0.11	↑		Claystone dark grey to black, carbonaceous		
		42.66	0.25	0.24			Coal dull and bright		
(18°)		42.84	0.18	0.17	← 0.09 coal 0.08 clayst		and carbonaceous claystone, core broken		
						140' / 42.67			
		42.89	0.05	0.05	10-2-1 0936		Claystone dark grey to black, carbonaceous, sheared		
		43.04	0.15	0.14	3/8/77		Coal pulverized, chips dull metallic		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7715 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	43.04	43.21	0.17	0.16			Coal	dull, metallic pulverized	0.55	
		43.39	0.18	0.17						
						142'	43.28			
		43.50	0.11	0.10				sheared pulverized		
		43.59	0.09	0.09						
		43.64	0.05	0.05			Claystone	dark grey to black carbonaceous	1.32	
		43.70	0.06	0.06	✓		Coal	weathered, pulverized		
		43.90	0.20				Missing			
		44.15	0.25				Siltstone	grey to dark grey, grading to sandstone		
25°		44.91	0.76				Sandstone	grey, fine to medium		
						147'	44.81			
13°		45.58	0.67				Siltstone	grey, laminated, sandy phases		
									0.74	
								TOP OF BOX 10		
		45.65	0.07				Claystone	dark grey, plant remains		
						150'	45.72			
		45.78	0.13					dark grey to black, carbon.		
		45.92	0.14				Coal	poor		
		46.52	0.60				Claystone	dark grey to black carbon., many coal bands, listric surfaces, plant remains (cladophlebis) at base silty	1.49	
		46.92	0.40					dark grey, silty		
		47.18	0.26				Missing			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7715 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
20°	47.18	47.40	0.22				Siltstone	grey, plant remains	
						155.5'	47.4		
		47.93	0.53					as above	1.44
		48.16	0.23				Missing		
		49.07	0.91				Sandstone	grey, fine grained	
						161'	49.07		
18°50'		50.33	1.26					as above, laminated	
								<u>TOP OF BOX 11</u>	1.60
		50.67	0.34				Sandstone	as above, plant remains	
						166'	50.60		
		51.01	0.34					as above, silty	
		51.25	0.24				Siltstone	grey to dark grey, plant fossils (Ginkgo pluripartita ?Ginkgo nana?, Sagenopteris WilliamsII	1.38
		52.05	0.80				Claystone	grey to dark grey, silty phases, plant remains with pyritic skins	
						171'	52.12		
		53.33	1.28	1.20				dark grey, coal bands, carbonaceous, many plant remains	1.61
	53.33	53.66	0.33	0.31	↑		Coal	dull, sooty	
						176'	53.64		
		54.36	0.70	0.66	#7		Coal	dull banded	
					10-3-1 937				
(20°)					3/8/77			<u>TOP OF BOX 12</u>	
		54.44	0.08	0.07			Coal	dull band 1/4 - 3/4 of core broken	1.18
		54.54	0.10	0.09	← 0.05' coal 0.04' rock		Coal & Claystone	core broken	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7715 SHEET No: 9

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	54.54	54.84	0.30				Claystone dark grey to black, carbonaceous, plant remains		
						181' / 55.15			
		55.18	0.34				dark grey, silty		
									1.33
		56.50	1.32				Sandstone grey, fine grained, silty phases		
						186' / 56.65			
22°		57.21	0.71				Siltstone grey laminated, worm burrows, at base argillaceous		1.71
		58.21	1.00				Claystone dark grey, silty plant fossils (sagenopteris)		
						191' / 58.22	williamsii)		
		58.66	0.45				as above coal bands, pyritic skins		
							TOP OF BOX 13		
		59.04	0.38				Claystone dark grey to black, at base carbonaceous, many plant remains		1.71
		59.57	0.53				Coal partly pulverized		
		59.92	0.53				Claystone dark grey to black, carbon, listric surfaces		
						196' / 59.74			
		60.67	0.75				as above		
25°		61.32	0.65				dark grey, silty		
		62.11	0.79				dark grey, coal bands, listric surfaces, slickensides		
		62.61	0.50				dark grey, silty		
		62.81	0.20				Siltstone dark grey		3.21
							TOP OF BOX 14		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7715 SHEET No: 10

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	62.81	62.88	0.07				Siltstone as above		
		63.13	0.25				Claystone dark grey, carbon., coal bands, at base poor coal		
20°		64.63	1.50		206'	62.79	dark grey, at top carbon, clay ironstone bands	1.50	
		65.13	0.50		211'	64.31	as above		
		65.58	0.45				Siltstone grey		
		66.26	0.68				Claystone dark grey	1.63	
		66.76	0.50		216'	65.84	as above		
		66.84	0.08				Coal pulverized		
		66.87	0.03				Claystone dark grey to black, carbonaceous	1.16	
		66.92	0.05				Coal pulverized		
							TOP OF BOX 15		
35°		67.42	0.50				Claystone dark grey		
		67.52	0.10		221'	67.36	dark grey to black, carbon., listric surfaces		
		67.75	0.23				Coal pulverized		
		67.77	0.02				Claystone dark grey to black, carbon.		
		67.97	0.20				Coal pulverized		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7715 SHEET No: 11

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	67.97	68.04	0.07				Claystone dark grey to black, carbon.	1.40	
		68.22	0.18				Sandstone dark grey, fine grained, argillaceous, worm burrows		
24°		68.82	0.60				grey fine to medium grained		
					226'	68.88			
		69.42	0.60				as above	1.37	
		70.19	0.77				Claystone dark grey, partly carbon., coal bands, clay iron-stone		
					231'	70.41			
		71.00	0.81				Siltstone dark grey, argillaceous, claystone bands		
							TOP OF BOX 16		
25°		71.82	0.82				Siltstone as above, sandy phases at base grading to fine grained sandstone	1.63	
					236'	71.93			
		72.27	0.45				Sandstone grey, fine to medium	1.61	
		73.04	0.77				Claystone dark grey		
		73.43	0.39				Sandstone grey, fine grained, argillaceous, claystone bands		
					241'	73.46			1.60
		75.03	1.60				grey, fine to medium grained, fractures (30°, 35°, 60°) along fractures changing of colour to brown		
					246'	74.98			
5°		75.33	0.30				grey, fine grained, siltstone interbeds		
							TOP OF BOX 17		1.54
20°		76.57	1.24				Sandstone grey, fine to medium grained		
					251'	76.50			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7715 SHEET No: 12

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	76.57	77.38	0.81				Sandstone as above, laminated, at base grading to siltstone fracture parallel to core axis, surface covered with FeS ₂ crystals		
		77.43	0.05				Claystone dark grey, carbon.		
		77.53	0.10				as above, odd thin coal bands	1.56	
		77.59	0.06				Claystone dark grey, carbon.		
	77.59	78.13	0.54	0.50	↑		Coal pulverized		
					5-1-1		256'/78.03		
21°		78.51	0.38	0.35	938		dull and bright		
					3/8/77				
		78.62	0.11		↓		Missing claystone	1.31	
		78.68	0.06				Claystone dark grey, plant remains with pyritic skin		
		79.34	0.66				Sandstone grey, fine grained, argillaceous		
		79.55	0.21				Siltstone grey		
						261'/79.55			
		79.76	0.21				as above		
							<u>TOP OF BOX 18</u>		
		80.23	0.47				Siltstone as above, sandy, laminated, plant fossils coniopteris brevifolia or sphenopteris latiloba?		
		80.83	0.60				Sandstone grey, fine grained, CaCO ₃ filled fractures, core broken	1.59	
		81.14	0.31				Siltstone dark grey, argillaceous		
						266'/81.08			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 36

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	264.45	265.15	0.70				Silty claystone	med. grey, uniform, massive		
	265.15	265.35	0.20				Claystone	carbon, highly broken	TOP OF BOX 63	
		265.46	0.11				"	as above		
	265.46	265.89	0.43				Sandstone	fine grained with carbon specks, massive		
	265.89	266.17	0.28				Claystone	partly carbon, silty toward base		
						876' /	267.00	"	as above	
		266.25	0.08							
	266.25	267.57	1.32				Siltstone	grey, carbon stringer, occasionally laminated		
						881' /	268.53	"	as above	
22°		269.19	1.62				"	"	TOP OF BOX 64	
		269.66	0.47				"	as above, sandy		
		270.65	0.99							
						891' /	271.58	Claystone	carbon, with few coaly wisps	
	270.65	270.81	0.16							
	270.81	270.88	0.07				Silty claystone	dark grey, massive		
	270.88	271.11	0.23				Siltstone	med. grey, regular bedded, massive		
	271.11	272.18	1.07				Sandstone	med. grey, very fine grained, silty toward base		
						896' /	273.10	Sandstone	light grey, med. grained, slickensides at the base	
	272.18	272.94	0.76							
	272.94	273.14	0.20				Claystone and coal	highly broken, sheared		
						901' /	274.62	Coal	dull, banded, pulverized	
	273.14	273.32	0.18							
	273.32	273.48	0.16				Claystone	very carbon. with coal wisps and thin layers		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7715 SHEET No: 14

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	86.01	86.17	0.16				Claystone	grey to dark grey, silty	1.48	
22 ⁰ , 25 ⁰		87.17	1.00				Sandstone	grey, fine grained, silty phases, at base CaCO ₃ filled fractures partly open - calcite, quartz and pyrite crystals		
					286'	87.17		as above, at base grading to silty claystone		
35 ⁰		87.67	0.50					calcite filled fractures (45 ⁰ - 130 ⁰)		
		88.31	0.64				Claystone	dark grey, silty plant fossils (Ginkgo pluripartita) at base carbonaceous		
								TOP OF BOX 20	1.51	
		88.68	0.37				Claystone	dark grey to black, very carbon., coal bands		
					291'	88.70		as above		
		89.04	0.36							
		89.29	0.25				Coal	pulverized	1.36	
		89.49	0.20				Missing			
		90.24	0.75				Sandstone	grey, medium		
					296'	90.22		as above		
		91.46	1.22							
		91.58	0.12				Siltstone	grey, sandy	1.50	
		91.74	0.16				Claystone	dark grey, carbon., plant remains		
					301'	91.74		as above, coal bands		
		91.92	0.18							
30 ⁰		92.23	0.31				Siltstone	dark grey		

DENISON COAL LIMITED.

DIAMOND DRILL CORE LOG

HOLE No: 7715 SHEET No: 15

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	92.23	92.68	0.45				Sandstone grey, fine to medium grained, in the upper part many coal streaks		
							TOP OF BOX 21		
	92.68	92.80	0.12				Sandstone as above, at base grading to siltstone	1.57	
		93.31	0.51				Siltstone grey to dark grey, plant fossils (Coniopteris brevifolia cladophlebis, elatides)		
					306'	93.27			
		93.91	0.60				Claystone dark grey, at top carbon., at base silty		
		94.79	0.88				Siltstone grey, plant remains (sagenopteris williamsii, cladophlebis virginensis)	1.48	
					311'	94.79			
		96.39	1.60				grey, sandy phases, plant fossils (sagenopteris williamsii coniopteris brevifolia or sphenopteris latiloba in the middle part sandstone interbeds	1.60	
					316'	96.32			
		97.01	0.62				as above, sandy bands		
							TOP OF BOX 22	1.44	
		97.83	0.82				Siltstone dark grey, sandy		
					321'	97.84			
26°		99.36	1.53				Sandstone dark grey, fine grained, argillaceous, silty phases		
					326'	99.36			
		100.87	1.51				as above		
					331'	100.89			
		101.37	0.50				grey, fine to medium at base, calcite filled fractures	1.51	
							TOP OF BOX 23		
55°		102.52	1.15				grey to light grey, medium grained, many irregular calcite filled fractures, partly open, calcite crystals, core partly broken	1.65	

HOLE No: 7715 SHEET No: 16

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						336' / 102.41			
64°	102.52	103.68	1.16				as above, calcite filled fractures (80° 55°) at base grading to claystone	1.40	
54°		103.92	0.24			341' / 103.94	Claystone dark grey, listric surfaces		
25°		105.52	1.60				Siltstone grey to dark grey, claystone and sandstone interbeds listric surfaces	1.60	
							TOP OF BOX 24		
						346' / 105.46	Sandstone grey, fine grained to medium grained		
		105.88	0.36						
		106.55	0.67				Siltstone grey sandy		
		107.07	0.52				Sandstone grey, fine to medium grained	1.55	
						351' / 106.98			
28°		107.43	0.36				grey to dark grey, fine grained, argillaceous		
		108.05	0.62				grey to light grey, medium grained	1.58	
		108.65	0.60				grey to dark grey, fine grained, argillaceous		
						356' / 108.51			
29°		109.72	1.07				as above, phases of medium grained sandstone	1.43	
							TOP OF BOX 25		
		110.08	0.36				as above		
						361' / 110.03			
40° 45°		111.61	0.53				grey, fine to medium grained, a few calcite filled fractures 35°	1.53	

DENISON COAL LIMITED:

DIAMOND DRILL CORE LOG

HOLE No: 7715 SHEET No: 17

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						366' / 111.56			
53°	111.61	113.12	1.51			Sandstone	grey, medium grained, in the middle part calcite filled fractures partly open with calcite crystals	55°	
						371' / 113.08			
		113.83	0.71				as above, coal streaks		
							<u>TOP OF BOX 26</u>		
						Marker Missing			
37° 34°	116.21	118.59	2.38				light grey as above, one coal band (5cm) calcite filled fractures	3.09	
						381' / 116.16			
18° 10°	117.79	119.37	1.58				light grey, medium grained	1.58	
						386' / 117.65			
		117.97	0.18				as above		
							<u>TOP OF BOX 27</u>	1.52	
14°	119.31	120.65	1.34				as above		
						391' / 119.18			
20°	119.58	120.85	0.27				grey, fine grained to medium grained, laminated		
							Siltstone	grey, sandy	
		119.65	0.07					1.29	
		119.70	0.05				Tectonic breccia	matrix calcite	
		120.60	0.90				Siltstone	grey to dark grey, sandy phases	
						396' / 120.70			
		122.09	1.49				Sandstone	grey, fine grained, silty bands, laminated	
							<u>TOP OF BOX 28</u>		
						401' / 122.22			
18°	123.56	125.03	1.47				grey, fine grained, argillaceous silty bands		
						406' / 123.75			
							worm burrows	1.47	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7715 SHEET No: 18

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	123.56	123.79	0.23				Sandstone as above		
		125.01	1.22				Siltstone grey, in the upper part sandy, in the lower part plant remains, carbonaceous, at base grading to claystone	1.45	
						411'/	25.27		
		125.59	0.58				Claystone dark grey, silty		
		125.79	0.20	3/8/77	4-1-1	931	Coal bright and dull, and claystone core broken	1.04	
		126.05	0.26	3/8/77	4-2-1	932	Claystone dark grey, carbon., listric surfaces		
						416'/	126.80		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7715 SHEET No: 18 A

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	#4 SEAM	DESCRIPTION	RECOVERY	
	From	To	Thick.	True					m.Rec.	%
						416' /	26.80	TOP OF BOX 29		
	126.05	126.25	0.20	0.19	∧		Coal	dull banded; broken core as chunks and grit		
	126.25	126.35	0.10	0.09			Missing	coal		
		126.42	0.07	0.06				pulverized*		
	126.42	126.51	0.09	0.08			Missing	coal		
		126.61	0.10	0.09				pulverized*, grit and chips listric surfaced		
	126.61	126.68	0.07	0.06			Missing	coal		
		126.97	0.29	0.27				pulverized*		
	126.97	127.03	0.06	0.06			Missing	coal		
		127.42	0.39	0.37				pulverized*, grit and chips listric surfaces		-19
		127.70	0.28	0.26	4-3-1			dull banded; broken core as chunks and grit		
					933					
20°					3/8/77	421' /	28.32			
		127.89	0.19	0.18				bright banded		
		128.20	0.31	0.29				bright		
		128.34	0.14	0.13				dull/bright		
		128.59	0.25	0.23				bright banded		
		128.79	0.20	0.19				pulverized*		
	128.79	128.91	0.12	0.11			Missing	coal		
		129.21	0.30	0.28	∨			dull/bright; broken core packed		
						426' /	29.84			
		129.34	0.13	0.12	∧			sheared		
		129.81	0.47	0.44				ground core*, pulverized and chips, top and bottom		
								with bright chunks		
	129.81	130.01	0.20	0.19			Missing	Coal		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7715 SHEET No: 18 B

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						429' / 30.76			
	130.07	130.35	0.34	0.32		Coal pulverized*, top .07 and bottom .06-bright, sheared chips			
	130.35	130.55	0.20	0.19		Missing coal			
		130.78	0.23	0.21		sheared			
		130.96	0.18	0.17	4-3-2	pulverized* (packed)			
	130.96	131.10	0.14	0.13	9.34	Missing coal			
					3/8/77	<u>TOP OF BOX 30</u>			
		131.30	0.20	0.19		pulverized*			
	131.30	131.60	0.30	0.28		Missing coal			
		131.69	0.09	0.08		bright			
	131.69	131.99	0.30	0.28		Missing coal			
		132.16	0.17	0.16		pulverized*			
	132.16	132.32	0.16	0.15		Missing coal			
						434' / 132.28			

HOLE No: 7715 SHEET No: 19

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						434' / 132			
	132.32	132.82	0.50			Claystone	carbonaceous and Coal, core broken	0.50	
						436' / 132.89			
	133.00	133.00	0.38			Sandstone	grey, fine grained, argillaceous, many calcite filled fractures, slickensides, coaly bands		
		133.38	0.18			Missing	rock		
28°		133.61	0.23			Claystone	dark grey to black, carbonaceous, core broken		
		133.73	0.12			Missing			
		133.93	0.20			Siltstone	grey to dark grey, laminated	1.30	
		134.26	0.33			Claystone	dark grey to black, very carbonaceous		
		134.42	0.16			Siltstone	grey sandy		
13°		134.62	0.20			441' / 134.42	Sandstone	grey, fine grained, laminated	
		134.79	0.17			Claystone	dark grey	1.52	
		135.94	1.15			Sandstone	grey, fine grained, argillaceous, claystone interbeds, silty phases		
						446' / 135.94			
		136.08	0.14				as above		
							<u>TOP OF BOX 31</u>		
25°		137.30	1.22				grey, fine grained, at top silty in the lower part, coal streaks	1.36	
						451' / 137.46			
		137.46	0.16			Missing			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7715 SHEET No: 20

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	137.46	138.90	1.44				Claystone dark grey, carbon, coal bands, at top and at base sandy phases	1.59	
15°		139.05	0.15				Sandstone grey, fine grained, argillaceous		
		140.47	1.42			456' /	38.99 as above		
						461' /	140.51	1.42	
							<u>TOP OF BOX 32</u>		
		140.62	0.15				Claystone dark grey, carbonaceous, coal bands, core broken		
		140.80	0.18				Missing		
		141.30	0.50				Siltstone dark grey, carbon., plant remains		
		141.48	0.18				Claystone dark grey, carbonaceous		
		141.58	0.10				Claystone carbonaceous and coal, core broken	1.20	
		141.77	0.19				Missing		
		141.82	0.05				Claystone carbonaceous		
		141.84	0.02				Coal		
		142.04	0.20				Siltstone dark grey		
						466' /	142.04		
		142.34	0.30				Sandstone grey, fine grained, argillaceous		
		142.46	0.12				Coal and claystone, core broken		
		142.76	0.30				Missing	1.22	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7715 SHEET No: 21

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	142.76	143.56	0.80				Claystone	dark grey, coal bands		
						471' /	43.56			
	143.56	143.73	0.17				Siltstone	dark grey, plant remains		
		144.13	0.40				Sandstone	grey, fine grained	1.56	
		144.53	0.40				Claystone	dark grey, coal bands		
15°		145.15	0.62				Siltstone	dark grey, partly carbon., claystone and coal		
						476' /	45.08	interbeds		
							TOP OF BOX 33			
		145.40	0.25				Claystone	dark grey, silty, plant fossils (Nilssonina candensis, ? Pseudocycas)		
		146.10	0.70				Siltstone	grey, sandy bands		
		146.20	0.10				Claystone	dark grey to black, carbon.		
		146.26	0.06				Coal			
		146.64	0.38				Claystone	dark grey, plant remains		
						481' /	46.60			
		146.84	0.20					dark grey, coal bands, listric surfaces, core broken		
		147.14	0.30					dark grey,		
0°-5°		148.26	1.12				Siltstone	grey, partly sandy, two coal bands, plant remains	1.62	
						486' /	48.13			
		149.21	0.95					grey, plant remains		
		149.34	0.13				Claystone	dark grey, silty, plant remains	1.46	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7715 SHEET No: 22

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 34		
	149.34	149.72	0.38				Claystone	as above, coal bands	
					491'	149.66			
	149.72	150.62	0.90					dark grey, as above	
25°		151.34	0.72				Sandstone	grey to dark grey, fine grained, argillaceous	
					496'	151.18			
		151.38	0.04				Claystone	dark grey	
		151.98	0.60				Sandstone	grey to light grey, fine to medium grained	
		152.08	0.10					grey, fine grained	1.41
		152.75	0.67				Siltstone	grey, claystone and coal bands	
					501'	152.70			
		153.27	0.52				Claystone	grey to dark grey, silty, coal streaks many plant remains	
		153.64	0.37				Siltstone	grey to dark grey, coal streaks, laminated at base grading to fine grained sandstone, many plant remains	1.60
							TOP OF BOX 35		
23°		154.35	0.71				Sandstone	grey, fine grained, argillaceous, silty interbeds	
					506'	154.23			
22°		154.97	0.62				Siltstone	grey to dark grey, claystone and sandstone interbeds, plant remains, at base grading to silty claystone	
		155.43	0.46				Claystone	dark grey, coal bands, plant remains	1.48
		155.83	0.40				Siltstone	grey, sandy bands, plant remains, worm burrows	
					511'	155.75			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7715 SHEET No: 23
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	155.83	156.66	0.83				Siltstone . as above		
		157.31	0.65				Claystone dark grey to black, coal bands, plant remains, at base carbonaceous	1.48	
					516' /	157.28	Coal and claystone listric surfaces, at top sheared, at base carbon. claystone with numerous coal bands		
		157.89	0.58						
							<u>TOP OF BOX 36</u>		
		157.94	0.05				Missing		
12°		158.43	0.49				Claystone dark grey, carbon., coal bands		
		158.60	0.17				Siltstone dark grey, plant remains		
					521' /	158.80	grey, laminated, thin claystone interbeds, plant remains		
		159.32	0.72						
16°		160.12	0.80				Sandstone grey, fine grained		
					526' /	160.32	as above, silty phases		
		161.66	1.54						
					531' /	161.85	as above, silty bands		
		162.26	0.60						
							<u>TOP OF BOX 37</u>		
		163.18	0.92				as above		
					536' /	163.37	as above		
		164.75	1.57						
					541' /	164.90	as above		
		165.04	0.29						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7715 SHEET No: 24

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	165.04	166.41	1.37				Sandstone grey, medium grained with fine grained intercalations, at base fine grained		
						546' /	166.42		
		167.87	1.46				grey, fine grained, homogeneous		
						551' /	167.94		
10°		169.19	1.32				as above		
		169.42	0.23				Siltstone grey, sandy		
						556' /	169.47		
		170.73	1.31				Sandstone grey, medium grained, in the upper part fine grained		
							<u>TOP OF BOX 39</u>		
		170.92	0.19				grey, medium grained		
						561' /	170.99		
		172.46	1.54				as above		
						566' /	172.52		
		173.90	1.44				as above		
						571' /	174.04		
		174.98	1.08				as above, medium to coarse		
							<u>TOP OF BOX 40</u>		
		175.46	0.48				as above		
						576' /	175.56		
		176.88	1.42				grey, medium to coarse grained, irregular shaped coal streaks		
						581' /	177.09		
15°		178.34	1.46				grey, medium to coarse grained, a few calcite filled (20° 30°)		
						586' /	178.61		
18°		179.06	0.72				as above, at base 1.5cm claystone		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7715 SHEET No: 25

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 41</u>		
15°	179.06	179.87	0.81			Sandstone	grey, fine grained, argillaceous		
					591' /	180.14			
		181.45	1.58				grey, fine grained, silty bands and phases		
					596' /	181.66			
		182.95	1.50				as above		
					601' /	183.18			
		183.22	0.27			Siltstone	grey, sandy		
							<u>TOP OF BOX 42</u>		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7715 SHEET No: 26 C

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	#2 SEAM	DESCRIPTION	RECOVERY		
	From	To	Thick.	True					m.Rec.	%	
								TOP OF BOX 42			
	183.22	184.40	1.27				Siltstone	grey, sandy, plant remains (Ginkgo pluripartita)?			
						606' /	84.71				
	184.49	185.39	0.90					grey sst- and cst-bands, plant fossils (Ginkgo pluripartita and sagenopteris)			
	185.39	185.89	0.50				Claystone	dark grey, core broken			
						613' /	186.84				
	185.89	186.00	0.11					black, carbonaceous w/coal stringers			
	186.00	186.04	0.04				Claystone	carbonaceous } pulverized* mixture			
	186.04	186.08	0.04	0.04			Coal		stoney		
	186.08	186.27	0.10	0.18			Missing	coal			
		186.31	0.04	0.04			Coal	stoney; as chunks in pulverized* matrix			
	186.31	186.69	0.38	0.37			Missing	coal			
		186.82	0.13	0.13				pulverized*			
		186.89	0.07	0.07				bright banded			
		186.94	0.05	0.05				pulverized*			
		187.01	0.07	0.07				dull, metallic			
		187.25	0.24	0.23				bright banded			
					2-1-1						
		187.30	0.05	0.05	927			pulverized*			
					3/8/ 77						
		187.51	0.21	0.20				dull/bright, top and bottom .02m pulverized			
		187.93	0.42	0.40			Missing	coal			
						616' /	187.76				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 715 SHEET No: 27 D

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						616' / 87.16			
	187.93	188.20	0.27	0.28		Coal	sheared		
		188.37	0.17	0.16			dull/bright		
		188.43	0.06	0.06	2-1-1		pulverized*		
					927				
					3/8/77		TOP OF BOX 43		
	188.93		0.50	0.48			dull/bright		
	189.17		0.24	0.23			pulverized		
	189.34		0.17	0.16	∇		dull/bright		
	189.34	189.67	0.33	0.32	2-2-1	621' / 89.28	Missing claystone		
					928				
					3/8/77				
	189.67	190.19	0.52	0.50			Claystone		
						626' / 190.80	dark grey, carbonaceous, coal bands		
	190.10	190.32	0.13	0.13	∧		Coal		
		190.44	0.12	0.12			bright banded		
		190.61	0.17	0.16			dull, metallic, upper part sheared		
	190.61	190.83	0.22	0.21			Missing coal		
		190.94	0.11	0.11			pulverized*		
	190.94	191.16	0.22	0.21	2-3-1		Missing coal		
		191.42	0.26	0.25	929		dull, sheared		
					3/8/77				
		191.60	0.18	0.17			dull/bright		

HOLE No: 7715 SHEET No: 28 E

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	191.60	191.70	0.10	0.10	↓		Coal sheared		
		192.02	0.32				Missing rock		
					630' /	192.02			
		192.55	0.53				Claystone dark grey, plant remains		
		193.15	0.60				Sandstone grey, fine grained, argillaceous		
		193.46	0.31				Siltstone grey, sandy		
					635' /	193.55			
	193.46	193.81	0.35				Siltstone grey, sandy		
		194.43	0.62				Sandstone grey, fine to medium grained		
		195.02	0.59				Claystone dark grey		
					640' /	195.07			
		195.29	0.27				as above		
15°		195.53	0.24				Sandstone grey, fine grained		
		196.21	0.68				Claystone grey, with sandy bands		
		196.64	0.43				Sandstone grey, fine grained		
					645' /	196.60			
		196.94	0.30				as above, compact		
		197.85	0.91				Siltstone dark grey, at base sandy		1.25

HOLE No: 7715 SHEET No: 29

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 45</u>		
	197.85	197.97	0.12				Siltstone grey, sandy, at base grading to fine grained sandstone		
		198.27	0.30				Sandstone grey, fine grained		
		199.72	1.45			650' / 198.12	as above	1.45	
17°		201.38	1.66			655' / 199.64	grey, fine to medium grained, a few silty bands	1.66	
		201.48	0.10				Missing		
		202.17	0.69			661' / 201.47	Sandstone grey, fine to medium		
							<u>TOP OF BOX 46</u>		
		202.84	0.67				as above		
		204.35	1.51			666' / 203.00	as above		
		205.88	1.53			671' / 204.52	as above		
		206.03	0.15			676' / 206.04	as above		
		206.38	0.35				dark grey, fine grained		
							<u>TOP OF BOX 47</u>		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7715 SHEET No: 30 F

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	# 1 SEAM	DESCRIPTION	RECOVERY	
	From	To	Thick.	True					m.Rec.	%
								TOP OF BOX 47		
			0.27				Sandstone	dark grey, fine grained		
			0.29				Siltstone	dark grey, sandy		
			0.42			681' / 207.57	Sandstone	dark grey, fine grained, silty bands		
			1.12					as above		
			0.22				Claystone	dark grey, silty		
20°			0.20			686' / 209.09	Siltstone	dark grey		
			0.42				Sandstone	grey, fine grained		
	209.63		0.31				Claystone	dark grey, sharp basal contact wth coal		
	209.63	209.73	0.10	0.09			Coal	dull banded		
		210.37	0.64	0.60				bright banded		
						691' / 210.62				
		210.47	0.10	0.09				bright banded		
								TOP OF BOX 48		
		210.63	0.16	0.15				bright		
		210.76	0.13	0.12				dull/bright		
						1-1-1				
						939				
		210.84	0.08	0.08		3/8/77		sheared		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7715 SHEET No: 31 G

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	210.84	211.85	1.01	0.95	↓		Coal	bright banded; base broken core		
		211.98	0.13	0.12			Claystone	black, carbonaceous, coaly		
						696' / 212.14				
		212.50	0.52	0.49				as above		
		212.52	0.02	0.02				as above w/ coal stringers		
		212.71	0.19	0.18				as above		
	212.71	212.76	0.05	0.05			Coal	bright		
	212.76	212.96	0.20	0.19			Claystone	black, carbonaceous w/ odd coal stringers		
	212.96	213.03	0.07	0.07			Coal	dull/bright, pulverized* and chips		
	213.03	213.34	0.31	0.29			Claystone	black, carbonaceous		
						701' / 213.66				
		213.81	0.47	0.44				as above		
	213.81	213.84	0.03	0.03			Coal	pulverized		
	213.84	213.99	0.15	0.14			Claystone	black, carbonaceous		
		214.03	0.04	0.04				as above, w/ coal stringers		
	214.03	214.06	0.03	0.03				pulverized mixture, claystone and coal		
	214.06	214.11	0.05	0.05			Coal	bright banded		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7715 SHEET No: 32 H

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	214.11	214.22	0.11	0.10			Claystone	dark grey to black carbonaceous		
		214.30	0.08	0.08			Coal	pulverized <u>TOPOF BOX 39</u>		
		214.60	0.30	0.28			Claystone	dark grey to black carbonaceous		
		214.90	0.30	0.28				as above w/thin coal stringers at 0.10 and base		
						706'/215.19				
		215.28	0.38	0.36				dark grey to black coal bands, at base silty, upper 0.19 m comprised of broken chunks in pulverized matrix		
		215.53	0.25	0.23			Siltstone			
		216.55	1.02	0.96			Sandstone	grey, fine grained, laminated, siltstone bands		
						711'/216.71				
		216.78	0.23	0.22			Siltstone	grey at top sandy		
		217.76	0.98	0.92			Claystone	dark grey, shell fossils		
		217.80	0.04	0.04			Coal	dull, metallic		
		217.85	0.05	0.05				bright banded		
		217.98	0.13	0.12				dull metallic		
		218.16	0.18	0.17				dull/bright		
					930	716'/218.24				
					3/8/77					
		218.71	0.55	0.52				dull/bright		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7715 SHEET No: 33

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 50</u>	1.46	
	218.71	219.54	0.83				Claystone. dark grey to black, carbonaceous, coal bands		
	219.54	219.62	0.08			721'/219.76	Sandstone dark grey, fine to medium grained, carbonaceous		
		219.72	0.10				as above		
		221.22	1.50			726'/221.28	grey to light grey, medium grained, at top carbonaceous		
23°		222.70	1.48				grey, medium grained, calcite filled fractures, ≈parallel to core axis		
						731'/222.81			
							<u>TOP OF BOX 51</u>		
		224.19	1.49			736'/224.33	as above		
		225.04	0.85				as above		
		225.05	0.01				Coal		
		225.66	0.62				Sandstone grey, medium to coarse grained, at base a conglomeration interbed (3cm)		
						741'/225.86			
		226.45	0.79				grey, coarse grained, pebbly		
		226.85	0.40				grey, medium grained		
		226.94	0.09				Claystone dark grey		
		227.01	0.07				Conglomerate pebbles/sandy matrix		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7715 SHEET No: 34

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 52		
	227.01	227.20	0.19				Conglomerate	as above	
		227.25	0.05				Sandstone	grey, medium grained	
						746' / 227.38			
		228.73	1.47					as above	
						751' / 228.90			
		230.34	1.61					as above	
						756' / 230.43			
		231.21	0.85					grey, fine to medium	
								TOP OF BOX 53	
		231.76	0.55					as above	
						761' / 231.95			
		233.26	1.50					as above, calcite filled fractures (13°, 25°)	
						766' / 233.48			
		234.24	0.98					as above	
						770' / 234.70			
		235.57	1.33					as above	
								TOP OF BOX 54	
		235.80	0.23					as above	
						776' / 236.52			
		237.32	1.52					as above	
						780' / 237.74			
		238.87	1.55					as above	
						785' / 239.27			
								END OF HOLE 7715	

SAXON PROJECT (SAXON SOUTH)

HOLE NO. 7716 BEARING -- ANGLE 90° TOTAL DEPTH 196.16
 COORDINATES 6015153.7 N 694377.1 E COLLAR ELEVATION 1725.7

Seam No. 1 Elevation of Seam (Base) 1537.0
 Seam Interval: 181.90 - 188.70
 True Thickness of Mining Section: 4.72 Coal 4.30 Coal _____
 Rock 0.42 Rock _____
 Core Recovery: 56 % _____ %

INTERSEAM THICKNESS: 15.4

Seam No. 2 Elevation of Seam (Base) 1570.8
 Seam Interval: 146.00 - 154.90
 True Thickness of Mining Section: 5.60 Coal 5.23 Coal _____
 Rock 0.37 Rock _____
 Core Recovery: 43 % _____ %

INTERSEAM THICKNESS: 30.4

Seam No. 3 Elevation of Seam (Base) 1622.1
 Seam Interval: 102.07 - 103.60
 True Thickness of Mining Section: 1.24 Coal 1.08 Coal _____
 Rock 0.16 Rock _____
 Core Recovery: 100 % _____ %

INTERSEAM THICKNESS: 46.5

Seam No. 4 Elevation of Seam (Base) 1681.1
 Seam Interval: 31.84 - 44.65
 True Thickness of Mining Section: 10.65 Coal 9.24 Coal _____
 Rock 1.41 Rock _____
 Core Recovery: 86 % _____ %

INTERSEAM THICKNESS: _____

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7716 SHEET No: 1

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: 196.16 COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: 90° LOGGED BY: IVAN DELAS HOLE SIZE: HQ



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	0	4.26					Casing		
	4.26	4.66	0.35				Sandstone med. gr., fine grained, few CaCO ₃ at top and base partly oxidized and broken		
						15' / 4	57		
25°	4.66	6.32	1.71			20' / 6	10		
	6.32	7.53	1.21				light grey, med. grained with silty band, massive TOP OF BOX 2		
	7.53	7.69	0.16				Claystone grey, weathered heavily broken and silty		
28°	7.69	7.88	0.19				Siltstone regular bedded, massive		
		8.43	0.55			25' / 7	62		
	8.43	9.01	0.58			29' / 8	84		
		9.69	0.68				Sandstone grey, very fine grained with silty laminae, massive		
Joint		9.86	0.17				" highly broken, weathered CaCO ₃ veins, oxidized		
59°		10.15	0.29				" med. grained, oxidized at top, joint CaCO ₃ (6cm from base)		
		10.53	0.38				" very fine grained, very silty, laminated		
						34' / 10	36		
		10.61	0.08				" as above but highly broken and oxidized		
35°		11.54	0.93				" fine to med. grained, occasionally silty, thin layers, massive		
		12.02	0.48				TOP OF BOX 3 " very fine grained, oxidized and broken at base, CaCO ₃ vein at top		
						39' / 11	89		
		12.34	0.32				" as above, highly broken		
34°		13.58	1.24				" light grey, med. grained, massive, regular bedded		
						45' / 13	72		
		15.06	1.48				" as above		
						50' / 15	24		
		16.59	1.53				" light grey, coarse grained, compact, massive		
						55' / 15	76		
28°		18.01	1.42				" as above-		
						60' / 13	29		
		19.62	1.61				" "		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7716 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 5		
		21.05	1.43				Sandstone as above		
						70'/21.34	" "		
		22.65	1.60				" "		
						75'/22.86	" "		
		23.95	1.30				" "		
26°		24.06	0.11				" "		
							TOP OF BOX 6		
						80'/24.38	" "		
		25.71	1.65				" "		
						85'/25.91			
	25.71	26.58	0.87				Siltstone dark grey, laminated with few carbon specks and fossils		
	26.58	26.78	0.20				Silty claystone grey with carbon stringers and some fossils		
	26.78	27.08	0.30				Siltstone grey with few bands of sandstone, fossiliferous		
25°		28.14	1.06				" as above		
						90'/27.43	TOP OF BOX 7		
	28.14	28.28	0.14				Sandstone medium grey, very fine grain, fossiliferous, laminated		
						95'/28.96			
		29.24	0.96				Sandstone as above, occ. silty, partly carbon toward top, cross-bedded, oxidized at base		
35°	29.24	29.82	0.58				Sandstone as above, silty, carbon at base		
						100'/30.48			
	29.82	31.44	1.62				Claystone dark grey, carbon with few thin coal layers		
						105'/32.00	1cm broken		
		31.84	0.40				Claystone as above		
	31.84	32.08	0.24	0.20	↑		Coal bright banded		
	32.08	32.14	0.06	0.05			Coal bright		
	32.14	32.24	0.10	0.08			sheared		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7716 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	32.24	32.30	0.06	0.05	4-1-1 821		dull banded		
	32.30	32.43	0.13	0.11	6/8/77		sheared TOP OF BOX 8		
	32.43	32.77	0.34	0.29			dull banded		
	32.77	32.97	0.20	0.18	✓ X	110'/33.53	dull, partly sheared		
	32.97	33.10	0.13	0.11	4-2-1 822		Claystone highly broken laminae or coal (stoney)		
	33.22	33.44	0.12	0.10	6/8/77		Claystone carbon with coal inclusion		
	33.44	33.64	0.22	0.18	✓ X		Claystone loss		
	33.64	33.69	0.20	0.17			Coal dull banded		
	33.69	33.88	0.05	0.04			bright-dull		
	33.88	34.00	0.19	0.16			dull		
	34.00	34.10	0.12	0.10			dull banded		
	34.10	34.19	0.10	0.08			dull		
	34.19	34.52	0.09	0.08			bright banded		
	34.52	34.60	0.33	0.28			bright dull, pulverized		
	34.60	34.64	0.08	0.07			bright banded		
	34.64	34.73	0.04	0.03			dull banded		
	34.73	35.05	0.09	0.08		115'/35.05	bright, broken, pulverized		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7716 SHEET No: 4

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	34.73	34.95	0.22	0.18			Claystone loss		
	34.95	35.00	0.05	0.04			Coal stoney		
	35.00	35.11	0.11	0.09			dull		
	35.11	35.20	0.09	0.08			bright		
	35.20	35.38	0.18	0.15	4-3-1		dull banded		
	35.38	35.46	0.08	0.07	823		bright banded		
	35.46	35.55	0.09	0.08	6/8/77		bright		
	35.55	35.95	0.40	0.34			dull banded		
	35.95	35.99	0.04	0.03			bright		
	35.99	36.04	0.05	0.04			dull		
	36.04	36.24	0.20	0.17			bright		
	36.24	36.29	0.05	0.04			dull		
	36.29	36.47	0.18	0.15	∇		dull banded		
						120' / 36.58			
	36.47	36.80	0.33	0.28	↑		dull banded		
							<u>TOP OF BOX 9</u>		
	36.80	36.91	0.11	0.09			bright banded		
	36.91	37.01	0.10	0.08	4-3-2		dull		
	37.01	37.05	0.04	0.03	824		bright		
	37.05	37.20	0.15	0.13	6/8/77		dull banded		
	37.20	37.34	0.14	0.12			bright		
	37.34	37.39	0.05	0.04			bright		
	37.39	37.49	0.10	0.08			dull		
	37.49	37.61	0.12	0.10			bright		
	37.61	38.01	0.40	0.34	∇		dull banded		
						125' / 38.10			
	38.01	38.13	0.12	0.10	↑		dull bright		
	38.13	38.44	0.31	0.26			bright banded		
	38.44	38.46	0.02	0.02			dull		
	38.46	38.88	0.42	0.35			bright banded		
	38.88	38.91	0.03	0.03			dull banded		
	38.91	39.36	0.45	0.38			bright dull		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7716 SHEET No: 4A

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							130'/39.62		
	39.36	39.70	0.34	0.29			Coal bright		
	39.70	39.83	0.13	0.11	4-3-3		sheared		
	39.83	39.89	0.06	0.05	827		bright		
	39.89	39.93	0.04	0.03	6/8/77		bright banded		
	39.93	40.32	0.39	0.33			sheared		
	40.32	40.57	0.25	0.21			dull banded		
							135'/41.15		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7716 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	40.57	41.15	0.58	0.42		135'/41.15	Coal	loss	
	41.15	41.43	0.28	0.23	↓		Coal	bright	
							TOP OF BOX 10		
	41.43	41.53	0.10	0.08	↑		Claystone	carbon, highly broken, mixed with coal	
	41.53	41.80	0.27	0.23			Claystone	loss	
	41.80	41.84	0.04	0.03	4-4-1		Coal	dull banded	
	41.84	42.30	0.46	0.39	825		Coal	loss	
	42.30	42.36	0.06	0.05	6/8/77		Carbon. claystone	as above	
						140'/42.67			
	42.36	42.66	0.30	0.25			Claystone	dark grey with some carbon inclusions	
	42.66	42.76	0.10	0.08		141'/42.98	"	as above	
	42.76	42.88	0.08	0.07	*=		Claystone	loss	
	42.88	43.00	0.12	0.10			Coal	dull banded	
	43.00	43.13	0.13	0.11				bright	
	43.13	43.25	0.12	0.10				dull bright, sheared	
	43.25	43.35	0.10	0.09				bright banded	
	43.35	43.59	0.23	0.19				bright	
					4-5-1				
					826				
					6/8/77				
	43.59	44.05	0.46	0.39			Coal	bright	
	44.05	44.10	0.05	0.04			Claystone	carbonaceous, broken	
						146'/44.50			
	44.10	44.28	0.18	0.15			Coal	bright	
	44.28	44.55	0.27	0.23				dull bright	
	44.55	44.65	0.10	0.08	↓			bright	
	44.65	44.98	0.33	0.29			Claystone	carbon, broken at top, silty toward base	
						149'/45.46			
		45.23	0.25	0.22			Claystone	grey silty	
	45.23	45.84	0.61	0.54			Silty claystone	grey, carbon, stringers and some plant fossils	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7716 SHEET No: 6
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 11</u>		
	45.84	46.21	0.37				Claystone dark grey, partly carbon, highly broken at top and very fossiliferous		
	46.21	46.54	0.33				Siltstone dark grey, with thin sandy layers near base, massive		
						154' / 46.94			
31°	46.54	46.71	0.17				Sandstone fine grained, occasionally silty interbeds and carbon. inclusions, a few plant fossils		
	46.71	46.86	0.15				Claystone dark black, carbonaceous		
	46.86	46.96	0.10				Siltstone grey, with carbon., stringers toward top, massive		
62°	46.96	47.18	0.22				Sandstone light grey, fine to med. grained, massive, CaCO ₃ in joint at top		
	47.18	47.39	0.21				Claystone dark grey with silty laminae and few carbon specks		
	47.39	47.55	0.16				Sandstone med.-light grey, fine grained, silty, highly broken		
		48.05	0.50				Sandstone as above, light grey, silty at top, compact		
		48.40	0.35			159.6' / 48.65	Sandstone med. grained, few carbon. stringers, CaCO ₃ veins at base		
33°	48.40	49.03	0.63				Siltstone light grey, interbedded silty laminae, fossiliferous		
	49.03	49.70	0.67				Claystone grey, partly carbon with coaly inclusions and silty		
		49.79	0.09			164' / 50.00	<u>TOP OF BOX 12</u>		
		49.79	0.09				Claystone as above		
	49.79	49.99	0.20				Siltstone dark grey, massive		
	49.99	50.04	0.05				Claystone carbonaceous with thin coal layers, broken		
	50.04	50.16	0.12				Siltstone as siltstone above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7716 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	50.16	50.66	0.50				Claystone	carbon, silty bands toward top with coal at base		
	50.66	50.80	0.14				Claystone	loss		
	50.80	50.90	0.10				Coal	bright		
	50.90	51.20	0.30				Coal	loss		
	51.20	51.23	0.03				Claystone	carbon, highly broken		
	51.23	51.43	0.20				Claystone	loss		
	51.43	51.50	0.07				Coal	bright banded		
						170' / 51.82				
	51.50	51.62	0.12				Claystone	carbonaceous, silty at base		
	51.62	51.75	0.13				Sandstone	light grey, very fine grained, silty		
	51.75	52.20	0.45				Siltstone	med. grey, laminated, massive		
	52.20	52.25	0.05				Silty claystone	dark grey, carbon stringers occasionaly		
	52.25	52.41	0.16				Sandstone	as one above		
	52.41	52.57	0.16				Claystone	silty toward top and very carbon at the base		
	52.57	52.62	0.05				Coal and claystone	carbon, highly broken, mixed		
	52.62	52.82	0.20				Claystone	carbon and coaly inclusions		
						175' / 53.34				
	52.82	52.95	0.13				Sandstone	light grey, med. to coarse grained, massive		
24°	52.95	53.48	0.53				Siltstone	grey, occasionaly sandy layers and carbon stringers fossiliferous regular banded, massive		
26°	53.48	54.38	0.90				Sandstone	light grey, fine to med. grained, coarse at top, massive		
		54.79	0.41				Sandstone	as above TOP OF BOX 13		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7716 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	54.79	54.85	0.06				Claystone	carbon, partly sheared, slickensides		
	54.85	55.53	0.68				Siltstone	grey, sandy, interbedded, broken at base		
		56.09	0.56			184'/56.08	Siltstone	as above broken		
	56.09	57.21	1.12				Sandstone	light grey, med. grained, few CaCO ₃ veins, heavily broken		
		57.93	0.72			189'/57.61	Sandstone	as above		
35°		58.27	0.34				Sandstone	fine to med., silty, interbedded, massive		
		58.63	0.36				Sandstone	as above		
							TOP OF BOX 14			
	58.63	58.73	0.10				Silty claystone	carbon with coal inclusions at base		
	58.73	59.33	0.60				Claystone	carbon, slickensided and coal incl. at top		
		60.37	1.04			197'/60.05	Claystone	grey, few carbon stringers fossiliferous		
		60.65	0.28			200'/60.96	"	as above		
	60.65	61.98	1.33				Sandstone	grey, fine grained, silty, thin layers irregularly massive		
		62.23	0.25				Sandstone	as above		
31°		63.33	1.00			205'/62.48	Sandstone	as above		
		63.74	0.41			210'/64.01	Claystone	dark grey with few carbon stringers and specks		
	63.74	64.46	0.72				Sandstone	as sandstone above, CaCO ₃ at base		
	64.46	64.53	0.07				Claystone	grey, silty, broken		
	64.53	65.12	0.59				Sandstone	med. grained, compact, massive		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7716 SHEET No: 9

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	65.12	65.19	0.07				Silty claystone	dark grey with some carbon laminae		
	65.19	66.61	1.42				Sandstone	as sandstone above		
40°		66.88	0.27			220' / 67.06	Sandstone	grey, fine grained, silty interbeds, massive		
	66.88	67.02	0.14				Siltstone	med. grey, compact, regular bedded		
	67.02	67.71	0.69				Sandstone	light grey, fine grained at top and gradually change into coarse at base, massive		
	67.71	68.19	0.48				Siltstone	as siltstone above		
	68.19	68.62	0.43			225' / 68.58	Sandstone	light grey, med. grained with silty layers at top		
		69.59	0.97				Sandstone	med. grey, silty interbeds irregular and some bedding disturbance at base, very few carbon stringers, slickensides at base		
		70.40	0.81			230' / 70.10	Sandstone	as above		
		70.65	0.25				Sandstone	light grey, coarse grained, massive		
		71.23	0.58				Sandstone	as above, fine to med. grained at base		
43°		72.34	1.11			235' / 71.63	Sandstone	fine to med. grained, carbon inclusions toward base, massive		
	72.34	72.64	0.30				Siltstone	dark grey, irregular sandy layers and carbon occasionally		
		72.64	1.27			240' / 73.15	Claystone	dark grey, carbon, coaly inclusions and slickensides toward base		
	73.91	74.21	0.30			254' /	Coal	loss		
	74.21	74.68	0.47			74.68	Rock	loss		
	74.68	75.54	0.86				Sandstone	med. grey, fine grained and gradually changes into coarse grained		
		75.54	0.33				Sandstone	as above, med. grained		
35°		76.97	1.10			250' / 76.2	Sandstone	light grey, med. grained, very massive		
	76.97	77.48	0.51				Siltstone	massive with some carbon inclusions		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7716 SHEET No: 10

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	77.48	77.55	0.07				Sandstone as sandstone above		
						255'/77.72			
		79.11	1.56				" light grey, med. grained, reg. beded, massive		
						260'/79.25			
		79.76	0.65				" as above		
							TOP OF BOX 19		
		80.64	0.88				" as above, slickensides and CaCO ₃ vein at top		
						265'/80.77			
33°		82.16	1.57				" med. to fine grained, occasionally silty, massive		
						270'/82.30			
		83.19	1.03				Sandstone light grey, med. grained, massive		
		83.76	0.57				" as above, but broken, oxidized with slickensides at base		
						275'/83.82			
		83.92	0.16				" as above		
							TOP OF BOX 20		
		85.22	1.30				" light grey, med. to coarse grained, massive		
						280'/85.34			
		86.69	1.47				" as above		
	86.69	87.08	0.39				285'/86.87 Core loss rock		
	87.08	88.24	1.16				Sandstone " "		
		88.48	0.24				290'/88.39 " "		
		89.92	1.44				" " TOP OF BOX 21		
						295'/89.92			
37°		90.56	0.74				" " "		
	90.56	90.72	0.16				Siltstone dark grey with thin coal layers (0.5 cm), broken, few CaCO ₃ veins at base		
	90.72	91.38	0.66				Sandstone light grey, coarse grained, massive		
						300'/91.44			
43°		92.06	0.68				" as above		
		92.64	0.58				" fine grained, regular beded, silty and massive		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7716 SHEET No: 11

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	92.64	92.92	0.28				Sandstone as above	TOP OF BOX 22	
						305'/	92.96		
		94.45	1.53				Sandstone as above		
						310'/	94.49		
40°		94.71	0.26				" "		
		96.06	1.35				" med. to coarse grained, with carbon. inclusions		
						315'/	96.01		
		96.78	0.72				" as above	TOP OF BOX 23	
		97.48	0.70				" "		
						320'/	97.54		
		98.85	1.37				" "		
	98.85	99.11	0.26				Silty claystone dark grey with some plants fossils		
		99.56	0.45			325'/	99.06	" as above	
	99.56	100.14	0.58				Siltstone grey, thin, sandy bands and layers interbedded, very massive		
40°	100.14	100.66	0.52				Sandstone med. grey, fine grained, massive		
						330'/	100.58		
		100.94	0.28				Sandstone as above	TOP OF BOX 24	
		101.81	0.87				" "		
	101.81	102.07	0.26				Claystone carbon. with coal highly broken		
						335'/	102.11		
	102.07	102.15	0.08	0.06			Coal dull		
	102.15	102.21	0.06	0.05			dull banded		
	102.21	102.37	0.16	0.13			dull		
	102.37	102.48	0.11	0.09			dull bright		
	102.48	102.62	0.14	0.11			boney		
	102.62	102.72	0.10	0.08			sheared		
	102.72	102.79	0.07	0.06	3-1-1		stoney		
	102.79	102.84	0.05	0.04	840		dull banded		
	102.84	103.01	0.17	0.14	6/8/77		dull bright		
	103.01	103.13	0.12	0.10			dull		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7716 SHEET No: 12

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	103.13	103.20	0.07	0.06			Coal	dull banded	
	103.20	103.29	0.09	0.07				dull	
	103.29	103.32	0.03	0.02		340' /	103.63	Claystone	carbonaceous, broken
	103.32	103.42	0.10	0.08			Coal	dull, sheared	
	103.42	103.47	0.05	0.04			Claystone	carbon, broken with coal	
	103.47	103.49	0.02	0.02			Coal	sheared	
	103.49	103.54	0.05	0.04			Coal	stoney	
	103.54	103.60	0.06	0.05	√		Coal	dull	
	103.60	104.58	0.98				Claystone	carbon, some coaly inclusions toward top	
	104.58	105.16	0.58			345' /	105.16	Claystone	loss
		105.49	0.33					Claystone	as above with two thin coal layers (0.5cm)
		105.92	0.43					Claystone	carbon, as above
									TOP OF BOX 25
35°	105.92	106.49	0.57				Siltstone	grey, sandy toward top, carbon specks and CaCO ₃ at base	
						350' /	106.68		
	106.49	106.74	0.25				Silty claystone	dark grey, with some carbon inclusions, massive	
	106.74	108.13	1.39				Sandstone	med. grey, fine grained, silty, interbedded, massive	
						355' /	108.28		
36°		109.65	1.52				Sandstone	as above, few CaCO ₃ veins at top	
						360' /	109.73		
	109.65	109.76	0.11				Siltstone	grey, massive with carbon specks	
									TOP OF BOX 26
		111.21	1.45				Siltstone	as above	
						365' /	111.25		
		112.73	1.52				Siltstone	as above	
						370' /	112.78		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7716 SHEET No: 13

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
36°	112.73	114.24	1.51				Sandstone med. grey, fine grained, thin silty layers, regular bedded		
		114.33	0.09				TOP OF BOX 27		
		115.00	0.67				Sandstone as above		
					375' /	14.30	Sandstone as above		
	115.00	115.66	0.66				Siltstone grey, compact and massive		
		117.28	1.62		380' /	15.82	Siltstone as above		
					385' /	17.35	Siltstone as above		
	117.28	118.48	1.20				Sandstone as sandstone above		
43°		118.74	0.26				" " " TOP OF BOX 28		
		119.21	0.47		390' /	18.87	" " " "		
	119.21	119.35	0.14				Siltstone grey, sandy toward top, massive		
	119.35	119.75	0.40				Sandstone med. grey, fine grained, massive		
		120.29	0.54		395' /	20.40	" as above but broken and some bedding disturbance		
	120.29	121.45	1.16				Siltstone grey, interbedded by sandy layers, massive		
41°	121.45	121.77	0.32				Sandstone light grey, fine grained, regular bedded, massive		
					400' /	21.92	Sandstone as above		
		122.53	0.76				TOP OF BOX 29		
50°		123.39	0.86				Sandstone as above		
					405' /	23.44	Sandstone as above		
		124.22	0.83				Sandstone as above		
56°		124.62	0.40				Sandstone fine grained, very disturbed bedding, dip changes very rapidly, CaCO ₃ veins (breccia-minor fault)		
							" fine grained, massive, compact		
		124.89	0.27		410' /	25.00	" as above		
		126.52	1.63				" as above		
		126.67	0.15				" as above		
							TOP OF BOX 30		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7716 SHEET No: 14

 DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____


B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
62°		127.24	1.27				Sandstone as above		
						420' / 128.02			
77°		128.91	1.67				Sandstone as above		
						425' / 129.54			
		129.34	0.43				" as above, broken with few slickensides		
76°		130.20	0.86				" med. grey, fine grained, silty, massive		
		130.33	0.13				" as above		
						430' / 131.06			
							TOP OF BOX 31		
60°		131.91	1.58				" as above, slickensides at base		
						435' / 132.55			
		133.49	1.58				" light grey, med. grained, reg. bedded, massive.		
						440' / 134.11			
56°		134.34	0.85				Sandstone as above TOP OF BOX 32		
		135.08	0.74				Sandstone as above		
						445' / 135.64			
		136.40	1.32				" as above with CaCO ₃ at top		
						450' / 137.16			
		138.08	1.68				" as above, massive, reg. bedded		
						455' / 138.68			
		138.39	0.31				" TOP OF BOX 33		
52°		139.62	1.23				"		
						460' / 140.21			
		140.18	0.56				"		
		141.25	1.07				" med. grey, very fine grained, silty, interbedded		
						465' / 141.73			
46°		142.60	1.35				" as above TOP OF BOX 34		
		142.81	0.21				"		
						470' / 143.26			
37°	142.81	143.50	0.69				Siltstone med. grey, massive, slickensides and CaCO ₃ veins (0.32 from top)		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG.

HOLE No: 7716 SHEET No: 15

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	143.50	144.34	0.84				Claystone	dark grey, silty toward top with some carbon stringers	
						475' / 44.78	"	as above, more carbon inclusions toward base	
	144.34	145.12	0.78				"	carbon, highly broken with coaly inclusions	
	145.12	145.35	0.23				Coal loss		
	145.35	145.56	0.21	0.13					
33°	145.56	146.00	0.44	0.28		480' / 46.30	Claystone	dark grey, massive with few carbon specks	
	146.00	146.14	0.14	0.09	↑		Coal	dull	
	146.14	146.19	0.05	0.03				dull banded	
	146.19	146.28	0.09	0.06				dull bright	
	146.28	146.39	0.11	0.07				dull banded	
	146.39	146.47	0.08	0.05				sheared	
	146.47	146.51	0.04	0.03				dull banded	
	146.51	146.65	0.14	0.09	2-1-1			dull bright	
	146.65	147.02	0.37	0.23	841			bright	FOP OF BOX 35
	147.02	147.18	0.16	0.10	6/8/77		Coal	bright	
						485' / 47.83			
	147.18	147.21	0.03	0.02				stoney	
	147.21	147.28	0.07	0.04				dull, bright; pulverized	
	147.28	147.96	0.68	0.43	↓		Coal loss		
					842	2-2-1 6/8/77			
	147.96	148.51	0.55	0.35			Claystone	dark grey carbonaceous	
	148.51	148.59	0.08	0.05	↑		Coal	dull banded	
	148.59	148.77	0.18	0.11			Coal	dull	
	148.77	149.01	0.24	0.15			Coal	dull banded	
	149.01	149.16	0.15	0.09			Coal	dull	
	149.16	149.29	0.13	0.08			Coal	dull banded	
						500' / 52.40			
	149.29	150.01	0.72	0.45			Coal	dull bright; pulverized	
						505' / 53.92			
	150.01	150.09	0.09	0.05	2-3-1		"	sheared	
	150.09	150.50	0.41	0.26	843		"	bright, dull, pulverized	
					6/8/77				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7716 SHEET No: 16

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	150.50	154.90	4.40	2.77	↓	510' /	55.45 Coal loss		
	154.90	155.72	0.82				Siltstone grey, reg. beded, massive		
69°		155.87	0.15			512' /	56.20 Siltstone as above		
		156.11	0.24				Siltstone as above		
		156.71	0.60			513' /	56.06 " TOP OF BOX 36		
72°	156.71	157.59	0.88				Sandstone med. grey, fine grained, silty, occasionally massive		
		158.20	0.61			518' /	57.89 Sandstone "		
						520' /	58.50 " as above, slickensides at top		
71°		159.82	1.62			525' /	60.02 Silty claystone carbon at top, dark grey, massive		
	159.82	159.94	0.12				" as above TOP OF BOX 37		
		160.44	0.50				Claystone dark, carbon, highly broken		
	160.44	160.55	0.11				Silty claystone as above, partly carbon.		
	160.55	160.78	0.23			530' /	61.54 Sandstone light to med. grey, fine grained, silty		
60°	160.78	161.39	0.61				Silty claystone dark grey, massive with few plant fossils		
	161.39	162.02	0.63				Claystone carbon, broken, slickensides toward base		
	162.02	162.42	0.40			535' /	63.07 Siltstone grey, reg. beded, massive		
49°	162.42	163.97	1.55			540' /	64.59 Sandstone med. grey, fine grained, silty and CaCO3 veins		
		163.97	0.12				" as above TOP OF BOX 38		
		164.33	0.24				Siltstone as siltstone above		
50°	164.33	165.94	1.61						

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7716 SHEET No: 17

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						546' / 166.42			
		167.04	1.10			Siltstone as above			
		167.67	0.93			550' / 167.64			
						Siltstone as above			
	167.67	167.77	0.10			Claystone carbon., silty toward top, broken and sheared at base			
						TOP OF BOX 39			
		168.53	0.76			" black, carbon, broken with coal inclusions			
	168.53	169.07	0.54			Rock loss			
	169.07	169.27	0.14			Claystone and coal highly broken, sheared, mixed			
						556' / 169.47			
		169.63	0.42			Claystone carbon, broken			
		170.79	1.16			Siltstone dark grey with CaCo3 veins, partly carbon.			
						561' / 170.99			
		172.30	1.51			and slickensides			
		172.35	0.05			Claystone as claystone above			
						" " TOP OF BOX 40			
		172.50	0.15			Siltstone grey, many CaCo3 veins and some carbon incl.			
						566' / 172.52			
		173.67	1.17			Sandstone med. grey, very fine grained, bedding disturbed at			
						570' / 173.74			
71°		174.57	0.90			" top and CaCo3, slickensides			
						" fine to med. grained with thin silty layers,			
		175.40	0.83			" occasionally massive, reg. bedded			
						575' / 175.26			
		176.02	0.62			" as above but highly broken with slickensides			
						" and carbon inclusions			
						" as above			
						TOP OF BOX 41			
		176.61	0.59			" light grey, med. grained, massive, irregular carbon			
						580' / 176.78			
						" stringers			
59°		177.84	1.23			" as above with few slickensides and carbon at base			
						585' / 178.31			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7716 SHEET No: 18

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
		179.01	1.17				Sandstone as above with CaCo3 veins and carbon laminae		
						589' / 79.53			
45°	179.01	180.01	1.00				Siltstone med. grey, reg. bedded, laminated, massive		
						593' / 80.75	TOP OF BOX 42		
		180.61	0.60				" as above		
	180.61	181.11	0.50				Claystone grey, carbon with occasionally silty layers		
						597' / 81.97			
	181.11	181.66	0.55				Silty claystone dark grey with some carbon inclusions		
	181.66	181.90	0.24				Claystone partly carbon with coal at base		
						601' / 83.18			
	181.90	181.99	0.09	0.06	↑		Coal dull bright		
						605' / 84.40			
	181.99	183.23	1.24	0.86	↑		" pulverized, undistinguishable		
	183.23	185.24	2.01	1.40	↑-1-1	610' / 85.93	Coal loss		
	185.24	185.27	0.03	0.02	844		Claystone carbon, broken		
	185.27	185.85	0.58	0.40	6/8/77		Claystone loss		
	185.85	186.18	0.33	0.23	↑		Coal pulverized		
	186.18	186.34	0.16	0.11	↓		" bright, banded with specks of FeS2, highly broken		
							TOP OF BOX 43		
	186.34	187.28	0.94	0.65	↑		" pulverized		
						615' / 87.45			
	187.28	187.36	0.08	0.06	↑		dull banded		
	187.36	187.53	0.17	0.12	↑		bright dull		
	187.53	187.90	0.37	0.26	↑		dull banded, broken, partly pulverized		
						1-2-1 620' / 188.90			
						845			
	187.90	188.28	0.38	0.26	6/8/77		dull, partly sheared, broken, pulverized		

625' / 190.5

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7716 SHEET No: 19

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	188.28	188.70	0.42	0.29	↓		Coal loss		
48 ⁰	188.70	190.02	1.32			630' / 192.02	Sandstone light grey, med to coarse grained, broken with carbon and coaly inclusions		
		190.62	0.60				Sandstone as above, massive		
		191.61	0.11				" " <u>TOP OF BOX 44</u>		
						635' / 193.55			
		193.05	1.44				" "		
						640' / 195.07			
		193.23	0.18				" "		
	193.23	193.53	0.30				Conglomerate matrix of sandstone as above with pebbles > 1cm		
	193.53	194.62	1.09			645' / 196.60	Sandstone light grey, coarse grained, massive		
		194.68	0.06				Sandstone as above <u>TOP OF BOX 45</u>		
		196.16	1.48				" "		
						650' / 198.12			
							E.O.H.		

SAXON PROJECT (SAXON SOUTH)

HOLE NO. 7717 BEARING 220° ANGLE 60° TOTAL DEPTH 388.66
COORDINATES 6015614.8 N 694013.5 E COLLAR ELEVATION 1607.0

Seam No. 5 Elevation of Seam (Base) 1347.8

Seam Interval: 296.70 - 299.25

True Thickness of Mining Section: 1.20 Coal 1.01 Coal _____
Rock 0.19 Rock _____

Core Recovery: 96 % _____ %

INTERSEAM THICKNESS: 30.95 to Seam 10

Seam No. 10 Elevation of Seam (Base) 1479.0

Seam Interval: 146.25 - 147.85

True Thickness of Mining Section: (0.33) Coal _____ Coal _____
Rock _____ Rock _____

Core Recovery: 100 % _____ %

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness of Mining Section: _____ Coal _____ Coal _____
Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness of Mining Section: _____ Coal _____ Coal _____
Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS:

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7717 SHEET No: 1

DATE BEGUN: _____ DEPTH: _____ BEARING: 220° U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: 60° LOGGED BY: J. PERRY CORE SIZE: H.Q.



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	0.00	9.67	9.67						
							TOP OF BOX 1		
83°	9.67	10.65	0.98			Sandstone	med. grey, med. grained, argillaceous laminae iron stained		
	10.65	10.97	0.32			Claystone	dark grey, carbonaceous, plant remains, sandy phases at top		
						36'/10.97			
	10.97	11.20	0.23				as above		
	11.20	12.21	1.01			Sandstone	as above, with occasional carbonaceous stringers, few claystone clasts throughout		
						41'/12.50			
80°	12.21	13.48	1.27				as above		
							TOP OF BOX 2		
	13.48	13.74	0.26				as above, bright coal band at the top and claystone layer at the base		
	13.74	15.08	1.34			Claystone	dark grey, carbonaceous, coaly band and sandstone layer at the top, coaly laminae throughout core is heavily broken due to post drilling weathering		
						51'/15.54			
	15.08	15.27	0.19			Core loss	rock		
	15.27	16.41	1.14				as above		
	16.41	16.90	0.49			56'/17.07	as above		
	16.90	17.12	0.22			Core loss	coal		
	17.12	17.20	0.08			Coal	dull		
	17.20	17.27	0.07				dull banded		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	17.27	17.35	0.08				dull		
	17.35	17.51	0.16			Claystone	dark grey, carbonaceous, broken, coal bands		
	17.51	17.70	0.19			Coal and Rock	dull banded and carbonaceous claystone broken, mixed		
	17.70	17.95	0.25		61'/18.59	Core loss	coal		
	17.95	18.23	0.28			Claystone	dark grey, carbonaceous, coal bands		
	18.23	18.25	0.02				TOP OF BOX 3		
	18.25	18.52	0.27			Sandstone	med. grey, med. grained, silty claystone bands		
	18.52	18.87	0.35			Siltstone	dark grey, carbon. stringers, sandstone phases		
	18.89	19.48	0.61			Sandstone	as above, with siltstone bands		
	19.48	20.94	1.46		66'/20.12		as above, very silty		
88°	20.94	22.35	1.41		71'/21.65	Siltstone	with claystone and sandstone bands, coal bands toward base		
	22.35	22.45	0.10				TOP OF BOX 4		
	22.45	23.50	1.05		76'/23.16		as above, broken		
	23.50	24.02	0.52			Sandstone	med. grey, med. grained, argillaceous laminae		
90°					81'/24.86				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	24.02	24.45	0.43				as above, heavily broken, calcite veined		
	24.45	25.70	1.25				as above, unbroken, less argillaceous, calcite veins		
	25.70	26.34	0.64			86'/26.21			
	26.34	27.11	0.77				as above TOP OF BOX 5 as above, carbonaceous laminae		
90°	27.11	28.71	1.60			91'/27.74	as above		
	28.71	30.21	1.50			96'/29.26	Sandstone light grey, med. grained, massive, calcite veins many of which are washed out.		
	30.21	30.43	0.22			101'/30.78	as above		
	30.43	31.78	1.35				TOP OF BOX 6 as above		
	31.78	32.48	0.70			106'/32.31	as above, argillaceous and carbonaceous bands towards base		
	32.48	33.17	0.69				Silty Claystone sandy bands at top		
	33.17	33.77	0.60			111'/33.83	as above, occasional coal stringers		
	33.77	34.32	0.55				Claystone dark grey, carbonaceous, sandy phases at base		
	34.32	34.50	0.18				Sandstone med. grey, fine grained		
	34.50	35.59	1.09			116'/35.36	TOP OF BOX 7 Silty sandstone dark grey, fine grained, very silty		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 4

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	35.59	37.07	1.48				Sandy siltstone dark grey, with thin sandstone and claystone bands		
		38.11	1.04			121'/36.8	as above, occasional coal bands		
		38.37	0.26				Claystone dark grey, carbonaceous coal bands		
		38.83	0.46			126'/38.40	as above		
		39.60	0.77				Sandstone med. grey, fine grained, very silty, claystone and siltstone bands		
		39.92	0.32				as above <u>TOP OF BOX 8</u>		
		40.42	0.50			131'/39.93	Sandy siltstone dark grey, claystone and sandstone bands		
75°		41.59	1.17				Sandstone dark grey, fine grained, silty claystone bands		
		42.87	1.28				Claystone dark grey, silty at top		
		43.28	0.41			141'/42.98	as above		
		43.77	0.49				Silty sandstone dark grey, fine grained, siltstone and claystone bands		
		44.50	0.73				as above <u>TOP OF BOX 9</u>		
		45.57	1.07			146'/44.50	as above, sandstone and claystone clasts near centre		
		46.06	0.49				Claystone dark grey, many thin sandstone bands		
80°		46.86	0.80			151'/46.02	Silty sandstone as above, some thin coaly stringers		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	46.86	47.65	0.79				Claystone	dark grey, carbonaceous, coaly bands, occasional calcite veins, sandstone layer at base		
						156'/47.55				
		47.82	0.17				as above			
							<u>TOP OF BOX 10</u>			
90°	47.82	49.15	1.33				Sandstone	dark grey, fine grained, claystone bands at top, argillaceous laminae throughout		
						161'/49.07				
	49.15	50.53	1.38				as above, silty			
		51.73	0.20				Claystone	dark grey, carbonaceous		
						166'/50.60				
		51.13	0.40				as above, core broken			
		51.73	0.60				Siltstone	with thin sandstone and claystone bands		
		51.90	0.17				Claystone	dark grey, silty		
							<u>TOP OF BOX 11</u>			
		52.23	0.33				as above			
						171'/52.12				
		52.68	0.45				as above, sandy bands at base			
		53.69	1.01				Sandstone	light grey, fine grained, claystone bands and argillaceous laminae, irregular bedding in lower half		
		54.85	1.16				Silt claystone	dark grey, with carbonaceous claystone bands and thin coal bands, sandstone layers at top and base		
		55.11	0.26				Silty sandstone	dark grey, siltstone bands		
						181'/55.17				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 6

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	55.11	56.00	0.89				Sandstone med. grey, fine grained, many claystone bands		
							TOP OF BOX 12		
65°		56.67	0.67			186'/55.69	as above		
		57.33	0.66				Siltstone dark grey, thin sandstone and claystone bands		
90°		58.10	0.77				Sandstone as above		
						191'/58.21	as above		
90°		59.27	1.17				as above		
71°		59.68	0.41				Siltstone dark grey, sandy bands		
						196'/59.74	as above		
		60.09	0.41				as above		
75°		61.04	0.95				TOP OF BOX 13		
						201'/61.26	as above, occasional calcite veins		
		62.57	1.53				Sandstone med. grey, fine grained, argillaceous laminae siltstone layers at top, calcite veins		
						206'/62.79	as above, silty at base		
90°		64.07	1.50				as above, silty at base		
						211'/64.31	as above, many silty bands		
		64.27	0.20				TOP OF BOX 14		
82°		65.61	1.34				as above, claystone layer with coal band at base		
						216'/65.84	as above, claystone layer with coal band at base		
		66.44	0.83				Claystone dark grey, carbonaceous, coal bands throughout		
		67.19	0.75				Silty claystone dark grey		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						221' / 67.36			
	67.19	67.75	0.56			Claystone	dark grey, carbonaceous, coal bands at base		
	67.75	68.30	0.55			Coal and claystone	difficult to differentiate because of the angle of bedding, the coal ranges from being dull to bright-stoney, all heavily laced with syngenetic layers of pyrite (possibly chalcopyrite)		
		68.46	0.18			Coal	dull banded with much pyrite, some rock		
		68.64	0.18			Core loss	rock <u>TOP OF BOX 15</u>		
		68.96	0.32			Silty claystone	dark grey, with carbonaceous claystone layer and coal bands at top		
		69.67	0.71			226' / 68.88 Claystone	carbonaceous, silty claystone bands		
		69.79	0.12			Coal and claystone	as above		
		70.55	0.76			Claystone	as above, coal bands near base		
		70.98	0.43			231' / 70.41	as above		
		71.19	0.21			Silty claystone	dark grey		
		71.84	0.65			236' / 71.93	as above, some carbonaceous claystone and thin coal bands		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 16</u>		
		72.65	0.81				Claystone dark grey, some silty bands		
					241'	73.46			
80°		74.30	1.65				as above		
					246'	74.98			
		75.71	1.41				as above, siltstone layer at base		
					251'	75.50			
77°		76.12	0.41				Siltstone dark grey		
							<u>TOP OF BOX 17</u>		
90°		77.25	1.13				as above, some thin claystone bands, coal band near centre		
					256'	77.55			
		78.71	1.46				Sandstone light grey, fine grained, many siltstone interbeds		
					261'	79.55			
73°		80.35	1.64				Siltstone dark grey, interbedded with fine grained sandstone and claystone, occasional coal stringers		
					265'	80.77			
							<u>TOP OF BOX 18</u>		
		81.77	1.42				Claystone dark grey, carbonaceous in places with occasional coal stringers, silty bands at top and base		
					271'	82.60			
		83.41	1.64				as above, many silty bands at top		
					276'	84.12			
		84.64	1.23				as above, silty bands at base		
							<u>TOP OF BOX 19</u>		
		84.91	0.27				as above		
78°		85.50	0.59				as above		
					281'	85.64			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 8
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	85.50	86.55	1.05				Core loss	coal		
						286'/87.17				
	86.55	87.91	1.36				Claystone	dark grey, carbonaceous, many thin coal bands, sheared, some plant fragments		
						291'/87.70				
		88.33	0.42					as above		
		88.53	0.20				Siltstone	med. grey, plant fragment		
						293'/89.30				
		89.71	1.18					as above		
								<u>TOP OF BOX 20</u>		
		90.06	0.35					as above		
						298'/88.09				
		90.31	0.25				Claystone	dark grey, carbonaceous, coal bands		
		90.49	0.18				Coal and rock	coal is present as many thin bands		
		91.01	0.52				Core loss	coal		
		91.16	0.15				Coal	dull and bright		
		91.28	0.12				Claystone	as above		
						301'/91.74				
		91.88	0.60					as above, some non-carbonaceous bands		
		92.84	0.96					dark grey, plant fragments		
						306'/93.27				
72°		94.24	1.40				Sandstone	med. grey, med. grained, claystone bands and argillaceous laminae		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 10

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 21</u>		
	94.24	94.64	0.40				Sandstone	as above, silty throughout	
						311' / 94.79			
		95.56	0.92				med. grey, med. grained, argillaceous laminae, joint near base, surface smooth, regular with calcite	CA=00	
		95.79	0.23				Claystone	dark grey, carbonaceous, sandy bands, listric surfaces	
						316' / 96.32			
		96.59	0.80					as above, occasional coal bands	
		97.21	0.62				Siltstone	dark grey	
						321' / 97.84			
57°		97.51	0.30					as above, with silty claystone layer at base	
		97.81	0.30				Claystone	carbonaceous with many coal bands	
								<u>TOP OF BOX 22</u>	
		97.97	0.16				Core loss	coal	
		98.10	0.13				Coal	dull banded	
		98.22	0.12				Silty sandstone	carbonaceous, dark grey, fine grained	
		98.32	0.10				Coal	dull lustrous	
		98.41	0.09					dull and bright	
		98.51	0.10					bright	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 11

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	98.51	98.61	0.10				Core loss	coal		
		98.81	0.20			326' / 99.36	Claystone	dark, carbonaceous, heavily broken		
		98.98	0.17				Core loss	rock		
		100.39	1.41					as above, siltstone layers at centre and base		
		100.62	0.23			331' / 100.89		as above, broken some coal laminae		
70°		101.69	1.07			336' / 102.41		as above, silty claystone at base		
		102.06	0.37				Silty claystone	dark grey, with carbonaceous claystone and coal bands		
		102.46	0.40					as above		
		102.94	0.48				Core loss	coal and rock		
		103.14	0.20				Coal and rock	heavily broken, bright coal and claystone		
		103.46	0.32				Core loss	rock		
		103.64	0.18				Silty claystone	as above		
		103.74	0.10				Coal and rock	bright coal and claystone		
						341' / 103.94				
		104.04	0.30				Claystone	dark grey, carbonaceous		
		105.02	0.98				Silty sandstone	dark grey, fine grained very silty at top, silty and claystone bands throughout, carbonaceous claystone band at base		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 12

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						346'/105.46			
	105.02	105.30	0.28			Claystone	carbonaceous, dark grey, silty layer at centre		
		106.53	1.23			Sandstone	med. grey, med. grained, massive in upper half, many silty and argillaceous bands in lower half		
						351'/106.98			
		106.61	0.08				as above		
63°		107.51	0.90				<u>TOP OF BOX 24</u> Silty sandstone dark to light grey banded, fine grained, silty and argillaceous laminae		
		107.91	0.40				Sandstone as above less silty and massive		
						356'/108.50			
		109.29	1.38				med. grey, light grey interbeds, silty and claystone bands, particularly in lower half		
						361'/110.03			
		110.74	1.45				as above, occasional calcite veins, relatively massive with a few argillaceous laminae at base		
						366'/111.56			
		111.86	1.12				<u>TOP OF BOX 25</u> as above, med. scale cross-bedding in lower half		
						371'/113.08			
		113.27	1.41				as above		
						376'/114.60			
		114.59	1.32				Sandy siltstone dark grey, with several med. grey bands at top and base, occasional coal bands		
						381'/116.13			
							<u>TOP OF BOX 26</u>		
		115.14	0.55				as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 13

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	115.14	116.14	1.00				Sandstone med. grey, med. grained, silty bands at top otherwise massive		
						386' /	117.65		
		117.46	1.32				Silty sandstone dark grey, fine grained, silty bands		
		117.75	0.29				Siltstone dark grey, sandy bands		
		118.83	1.08			391' /	119.18	as above, very sandy in centre	
							TOP OF BOX 27		
		119.36	0.53				as above, a 0.02 meter coal bands (true thickness) at base		
75°						396' /	120.70		
		119.98	0.62				as above sandy bands at base, coal banded at top		
		120.54	0.56				Sandstone med. grey, fine grained, silty, clay rich bands		
						400' /	21.92		
		121.01	0.47				Siltstone dark grey, with sandy bands		
						401' /	22.22		
		122.01	1.09				as above		
						404' /	23.14		
		122.94	0.84				Sandstone med. grey, fine grained, many silty bands, siltstone layer at center and base, coal bands at base		
							TOP OF BOX 28		
		123.33	0.29				as above		
						408' /	24.36		
		124.15	0.92				as above, less silty, some carbonaceous bands		
73°						411' /	25.27		
		124.45	0.30				Claystone carbonaceous, dark grey, thin coal bands, occasional calcite veins		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 14

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	124.45	125.25	0.80				Sandstone as above		
		125.77	0.52				Siltstone dark grey, dandy, carbonaceous layer at the top		
		125.17	0.40		416'	126.80	as above		
		126.80	0.63				Sandstone med. grey, fine grained, silty layers at top and base, coal stringer at center		
					421'	128.32	TOP OF BOX 29		
		128.36	1.56				Silty sandstone dark grey, fine grained, with light grey, med. grained sandstone bands		
					426'	129.84			
		129.81	1.45				as above, siltstone layer at base		
					431'	131.37			
		130.76	0.95				Siltstone dark grey, sandy bands		
		130.88	0.12				Coal and rock mainly rock with coal beds, heavily broken		
		131.13	0.25				Core loss rock		
							TOP OF BOX 30		
		131.67	0.54				Silty claystone dark grey, carbonaceous at top		
					436'	132.90			
		133.22	1.55				as above, occasional coal bands, siltstone layer in center		
					441'	134.42			
		134.60	1.38				Siltstone dark grey, occasional claystone bands		
		134.86	0.26				Sandstone med. grey, med. grained		
					446'	135.94			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 15

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	134.86	135.17	0.31				as above		
							TOP OF BOX 31		
		136.42	1.25			451' / 37.46	Siltstone dark grey, sandy, sandstone and claystone layers		
		137.25	0.83				Sandstone dark grey, fine grained, silty		
83°		137.95	0.70			456' / 38.99	Silty claystne dark grey, carbonaceous bands, coal laminæ		
		139.43	1.48				Siltstone med. grey, with sandstone and claystone layers		
							TOP OF BOX 32		
						461' / 40.51			
		139.81	0.38				Sandstone med. grey, fine grained, silty calcite veins some of which are washed out		
		140.80	0.99			466' / 42.04	Claystone dark grey, silty bands		
		143.28	2.48				as above		
						474' / 49.48			
		143.63	0.35				as above		
							TOP OF BOX 33		
		144.75	1.12			479' / 46.00	as above		
80°		145.78	1.03				as above		
		146.03	0.25	0.05			Core loss rock		
		146.25	0.22	0.05			Coal and rock mainly rock with some coal powder and coke chips due to burning the bit in		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 16

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	146.25	146.47	0.22	0.55			Coal dull, heavily broken		
						484' / 147.52			
		146.52	0.05	0.01			dull		
		146.72	0.20	0.04			dull		
		146.82	0.10	0.02			dull banded, sheared		
		146.94	0.12	0.02			dull and bright		
		147.02	0.08	0.02			sheared, heavily broken		
78°		147.18	0.16	0.03			dull		
		147.42	0.24	0.05			pulverized, sheared, dull		
		147.57	0.15	0.03			dull		
						488' / 147.74			
		147.63	0.06	0.01			dull, broken		
		147.71	0.08	0.02			dull banded		
		147.76	0.05	0.01			dull and bright, broken		
							TOP OF BOX 34		
		147.85	0.09	0.02			dull and bright, heavily broken		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 17

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	147.85	148.39	0.54				Sandstone med. grey, med. grained, some thin coaly stringers		
		148.54	0.15				Claystone dark grey		
		149.02	0.48		491.5'	149.81	as above		
78°		150.26	1.24				Sandstone as above, occasional claystone bands		
70°		151.59	1.33		496'	151.18	Silty claystone dark to med. grey banded, alternating layers of claystone and siltstone, sandstone layer at base		
67°		153.28	1.69		501'	152.70	Sandstone med. grey, med. grained and laminated		
76° at top		154.78	1.50		506'	154.23	as above, calcite veins		
90° at base		155.61	0.83		511'	155.75	as above		
90°		156.34	0.73				as above, calcite veins with voids		
		156.58	0.24		516'	157.27	as above, calcite vein at base with voids, some brecciation and spar development		
75° at top		157.91	1.33				med. grey, fine grained, claystone bands, broken in center, listric surfaces, claystone layer at base		
					521'	158.80			
90° in lower half		158.11	0.20				Core loss rock		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 18

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	158.11	159.78	1.67				Siltstone dark grey, many siltstone and thin sandstone layers		
						526' / 60.32			
		159.91	0.13				as above		
							<u>TOP OF BOX 37</u>		
85°		161.25	1.34			531' / 61.84	Siltstone as above, thick sandstone bands		
		161.64	0.39				as above		
		162.37	0.73			536' / 63.37	Sandstone med. grey, med. grained, calcite veins		
70°		163.73	1.36			541' / 64.90	as above, calcite veins with spar at top		
		163.93	0.20				as above		
		164.37	0.44				Claystone dark grey, carbonaceous, coal bands, broken		
		164.67	0.30				Core loss rock		
		166.73	1.46			546' / 66.42	Sandstone med. grey, med. grained, argillaceous laminae		
							as above, generally massive, some coaly stringers calcite veins silty layers towards where it grades to siltstone		
						551' / 67.94			
		167.59	0.86				see above		
80°		168.12	0.53				Siltstone med. grey, dark claystone bands		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 19

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 39</u>		
	168.12	168.37	0.25				Core loss	rock	
					556'	69.47			
		169.89	1.52				Silty claystone	dark grey, broken at top	
					501'	71.00			
		171.44	1.55					as above, sandy band at base	
					566'	72.52			
		172.02	0.58				Silty sandstone	med. grey, fine grained, some calcite veins	
								<u>TOP OF BOX 40</u>	
		173.04	1.02					as above	
					571'	74.04			
		173.96	0.92					as above, claystone layer near base	
(78°)		174.26	0.30				Core loss	rock	
		174.30	0.04				Claystone		
	174.30	174.58	0.28				Core loss	coal	
	174.58	174.61	0.03	0.01			Coal		
					576'	75.50			
	174.61	176.66	0.05	0.01			Coal	dull	
	174.66	174.81	0.15	0.03				dull	
	174.81	174.95	0.14	0.03				dull banded	
	174.95	175.05	0.10	0.02				bright banded	
	175.05	175.20	0.15	0.03				dull and bright	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 20

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	175.20	175.26	0.06	0.01			bright banded		
	175.26	175.31	0.05	0.01			bright, heavily broken		
	175.31	175.41	0.10	0.02			dull broken		
	175.41	175.69	0.28	0.06			Core loss coal		
	175.69	175.83	0.14	0.03			Coal dull banded, heavily broken		
	175.83	175.93	0.10	0.02			dull and bright		
	175.93	176.11	0.18	0.04			dull banded, heavily broken		
	176.11	176.31	0.20	0.04			dull, heavily broken		
	176.31	176.40	0.09	0.02		581' / 177.08	Coal and rock mainly coal, small claystone chips		
	176.40	176.68	0.28	0.06			Core loss coal		
	176.68	176.80	0.12	0.02			Coal dull banded, heavily broken		
	176.80	176.96	0.16				Silty claystone dark grey, carbonaceous, laminated		
							TOP OF BOX 41		
75°		178.00	1.04				Sandy siltstone dark grey, sandy bands toward base, plant remains		
						586' / 178.61			
		179.52	1.52				Silty sandstone med. grey, fine med. grained, many silty bands at top, calcite veins, broken toward base, carbonaceous claytone near base		
						591' / 180.14			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 21

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
77°	179.52	180.20	0.68				Sandy siltstone	dark grey		
		181.09	0.89				Claystone	dark grey, carbonaceous in places, occasional coal stringers		
					596' /	81.66				
		182.19	1.10					TOP OF BOX 42		
								as above, with sandstone and siltstone interbeds towards base		
		182.68	0.49				Sandstone	med. grey, med. grained, silty and claystone bands at top		
85°		184.20	1.52		601' /	83.18		as above, occasional calcite veins with voids and spar		
		185.39	1.19		606' /	84.71		as above		
90°		185.73	0.34					TOP OF BOX 43		
								as above		
85°		186.43	0.70		611' /	86.23		as above		
		186.72	0.29		613' /	86.84		as above		
		187.17	0.45				Siltstone	dark grey, mainly thin sandstone and claystone bands, plant remains		
72°		187.98	0.76				Silty claystone	dark grey, plant remains, coal band near top and near base		
					618' /	88.37				
		188.91	0.98				Claystone	dark grey, carbonaceous many coal stringers laminae and bands silty claystone bands		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 22

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	189.91	189.30	0.39		621'	189.28	as above, silty		
							<u>TOP OF BOX 44</u>		
88°	190.39	1.09					Silty claystone dark grey, carbonaceous, claystone bands, occasional coal stringers		
					626'	140.80			
	191.92	1.53					as above, bedding flattens out at base from 90° - 85° - 75°		
78° 86°	193.46	1.54			631'	192.33	Sandstone med. grey, med. grained, claystone bands at top some argillaceous laminae		
							<u>TOP OF BOX 45</u>		
	194.97	1.51			636'	193.85			
					641'	195.38	as above		
73°	196.51	1.54					as above		
70°	197.55	1.04			646'	196.90	as above		
90° (IN LOWER HALF)	199.59	2.04					<u>TOP OF BOX 46</u>		
85°	200.95	1.36			656'	199.95	as above, becoming silty, many argillaceous laminae		
							as above, coal band at base, grades to siltstone at base		
					661'	201.47			
	201.73	0.78					Siltstone dark grey, plant remains, thin sandstone bands		
							<u>TOP OF BOX 47</u>		
85°	202.59	0.86					as above, grading to silty claystone with coal stringers		
					666'	203.00			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 23

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
85°	202.59	203.99	1.40				Silty claystone	dark grey, siltstone bands, coal stringers		
						671' /	204.52			
		205.24	1.25					as above, grades to carbonaceous claystone at base		
		205.59	0.35				Claystone	dark grey, carbonaceous, coal laminae, silty claystone bands		
						676' /	206.04			
		205.81	0.22				Claystone	dark grey, carbonaceous at top, silty claystone bands, coal laminae		
								TOP OF BOX 48		
		207.08	1.27					as above		
						681' /	207.57			
77°		208.62	1.54					as above, carbonaceous claystone bands		
						686' /	209.09			
		209.33	0.71					as above, broken at base		
		209.81	0.48	0.10			Core loss	coal		
		210.00	0.19	0.04			Coal	dull, heavily broken		
		210.11	0.11	0.02				dull		
								TOP OF BOX 49		
		210.20	0.09	0.02				dull, broken		
		210.29	0.09	0.02				dull banded		
(78°)						691' /	210.62			
		210.37	0.08	0.02				dull bright		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7717 SHEET No: 24

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	210.37	211.51	1.14	0.24			Claystone	dark grey, carbonaceous at top with coal laminae		
						696'/212.14				
		212.46	0.95	0.20				as above, with carbonaceous claystone bands coal bands stringers		
		212.68	0.22	0.05			Core loss	coal		
		212.74	0.06	0.01			Coal	bright, broken		
		212.94	0.20	0.04				dull and bright, broken		
		213.00	0.06	0.01			Coal and bands	bright coal and stoney coal		
		213.13	0.13	0.03			Claystone	dark grey, carbonaceous some coal chips		
						701'/213.66				
77°		214.15	1.02				Sandstone	med. grey, med. grained, carbonaceous, claystone band at top, argillaceous laminae, silty towards base		
								<u>TOP OF BOX 50</u>		
		214.63	0.48				Siltstone	dark grey		
						706'/215.19				
		215.55	0.92					as above, thin sandstone bands and coal stringers		
75°		216.20	0.05				Sandstone	med. grey, fine grained, silty bands at top		
						711'/216.71				
		216.97	0.77					as above, silty, grades to siltstone at base		
		217.73	0.76				Siltstone	dark grey, sandy, thin sandstone bands		
						716'/218.24				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 25

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
70°	217.73	218.20	0.47				Silty claystone dark grey, carbonaceous bands, coal stringers		
							<u>TOP OF BOX 51</u>		
81°		219.26	1.06			721' / 219.76	Claystone med. grey, silty bands, some coal stringers		
		220.75	1.49				as above, becomes progressively siltier and is a silty claystone in the lower half		
						726' / 221.28			
77°		222.24	1.49				Silty claystone med. grey, with many darker grey claystone interbeds		
							<u>TOP OF BOX 52</u>		
						731' / 222.81	as above, occasional carbonaceous claystone bands with coal stringers.		
						736' /			
		225.32	1.54				Siltstone med. grey, many claystone interbeds, grades to sandstone at base		
						741' / 225.86			
80°		226.22	0.90				Sandstone light grey, fine grained, argillaceous bands		
							<u>TOP OF BOX 53</u>		
		226.50	0.28				as above		
						746' / 227.38			
		228.13	1.63				as above		
						751' / 228.90			
		229.53	1.40				as above, massive in lower half		
						756' / 230.43			
		230.03	0.50				as above, massive		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7717 SHEET No: 26

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 54</u>		
79°	230.03	230.95	0.92				as above, same argillaceous laminae		
					761'	231.95			
		232.57	1.62				as above, some carbonaceous laminae at base		
					766'	233.48			
		234.01	1.44				as above, carbonaceous laminae at top		
					771'	235.00			
		234.30	0.29				as above		
							<u>TOP OF BOX 55</u>		
	235.63	1.33				as above, calcite veins with voids			
				776'	236.52				
	237.11	1.48				as above, calcite veins and voids, some spar development			
				781'	238.04				
	237.46	0.35				as above, claystone clasts at base			
	237.69	0.23				Claystone	dark grey, carbaceous, coal bands, sheared broken		
	237.99	0.30				Sandstone	med. grey, med. grained, full of claystone clasts		
							<u>TOP OF BOX 56</u>		
	238.69	0.70				as above, some coaly clasts, sedimentary breccia			
				786'	239.59				
	240.15	1.46				as above, clasts at top, sedimentary breccia throughout, breccia clasts are composed of very large pieces of fine grained sandstone and carbonaceous claystone			
				791'	241.00				

HOLE No: 7717 SHEET No: 27

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	240.15	241.03	0.88				as above breccia		
		241.62	0.59				Sandstone dark grey, fine grained, argillaceous laminae		
		241.80	0.18			796'/242.62			
78°		242.72	0.92				as above <u>TOP OF BOX 57</u>		
		243.34	0.52				Siltstone dark grey, sandy, thin sandstone bands		
		244.76	1.52			801'/244.14	as above		
75°		245.97	1.15			806'/245.67	as above, sandy bands at base		
		246.34	0.43				<u>TOP OF BOX 58</u>		
		247.48	1.14			811'/247.19	as above		
		247.76	0.28				Silty claystone dark grey, coal bands		
		249.23	1.47			816	as above		
						821			
85		250.03	0.80				as above, less silty bands towards base		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7717 SHEET No: 28

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
79°	250.03	250.95	0.92				<u>TOP OF BOX 59</u> Claystone dark grey, silty in places		
		252.47	1.52		826'	251.76	as above, carbonaceous, many coal laminae, silty-silty layer at center, broken at base		
		254.01	1.54		831'	253.29	as above, occasional brown claystone clasts in top half, sedimentary breccia near centre		
		254.26	0.25		836'	254.81	<u>TOP OF BOX 60</u> as above, grades to silty claystone at base		
		255.60	1.34				Silty claystone dark grey, with silty claystone layers		
74°		256.22	0.62		841'	252.34	as above		
		257.74	1.52		843'	256.95	Claystone dark grey, carbonaceous at top, plant fragments, silty claystone and coal stringers		
		258.09	0.35		848'	258.47	as above, sandstone layer at base		
55°		258.73	0.64				<u>TOP OF BOX 61</u> Sandstone med. grey, med. grained, silty at top argillaceous laminae		
					851'	259.38			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 29

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	258.73	260.27	1.54				as above, generally massive		
70°	260.27	261.81	1.54		856'	260.91	as above		
		262.12	0.31		861'	262.43	as above		
		263.43	1.30				TOP OF BOX 62		
73°		264.85	1.43		866'		as above, in lower half dark grey, fine grained silty with claystone band at top, calcite veins at bottom		
		266.29	1.44		871'	263.06	Claystone	dark grey, silty, coal laminae, carbonaceous in places	
		266.51	0.22				TOP OF BOX 63		
		266.68	0.17		876'	267.00	as above, carbonaceous, coal laminae, broken		
		267.15	0.47				Siltstone	dark grey, sandy grades quickly to carbonaceous claystone at base	
		267.98	0.83				as above, broken (extensively), with some coal powder		
					881'	268.53			

HOLE No. 7717 SHEET No: 30

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	267.98	268.21	0.23				Siltstone as above, coal bands		
		269.13	0.92				Claystone as above, heavily broken in centre		
		269.88	0.75			885.5' / 269.90	Silty claystone		
		270.60	0.72				as above, heavily broken at base TOP OF BOX 54		
		271.30	0.70			890.5' / 271.42	as above, with coal powder		
70°		272.83	1.53				Sandstone silty, med. grey, med. grained, siltstone layer near base, occasional coal bands		
		274.26	1.43			896' / 273.10	as above, argillaceous bands		
		274.30	0.04				as above TOP OF BOX 65		
		275.86	1.56			901' / 274.62	as above		
		277.39	1.53			906' / 276.15	as above		
		278.31	0.92			911' / 277.67	as above, grades to siltstone at base		
80°		278.31	0.92				Siltstone dark grey, sandy at top, claystone layers towards base, with coal stringers		
		278.78	0.47				Claystone dark grey, carbonaceous, plant fossils TOP OF BOX 66		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 31

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	278.78	279.28	0.50			916' / 279.20			
							as above		
		280.40	1.12				Sandstone med. grey, fine grained, silty claystone layers at center and base		
						921' / 280.72			
70°		281.95	1.55				med. grey, med. grained, claystone bands towards base		
						926' / 282.24			
		282.22	0.27				as above		
		282.71	0.49				Sandy siltstone dark grey, thin sandstone bands <u>TOP OF BOX 67</u>		
		283.25	0.54				Claystone dark grey, carbonaceous, siltstone band at top, coal stringers		
						931' / 283.77			
		283.82	0.57				as above, grades to siltstone		
		284.87	1.05				Sandstone dark grey, sandy at base		
						936' / 285.29			
85°		286.32	1.45				Silty sandstone dark grey, fine grained, siltstone bands broken at base		
							<u>TOP OF BOX 68</u>		
		286.37	0.05				as above		
						941' / 286.82			
		287.84	1.47				as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 32

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						946'/288.34			
	287.84	289.40	1.56				as above, claystone layer, heavily broken in centre		
		290.10	0.70			951'/289.86	Sandstone		
							med. grey, med. grained, argillaceous laminae, generally massive		
							<u>TOP OF BOX 69</u>		
85°		291.04	0.94				as above, coal laminae		
						956'/291.39			
		292.58	1.54				as above		
						961'/292.91			
		294.11	1.53				as above		
							<u>TOP OF BOX 70</u>		
						966'/294.43			
64°		295.51	1.40				as above		
						971'/295.96			
		296.11	0.60				Siltstone		
							dark grey, claystone bands		
	296.11	296.70	0.59	0.28			Claystone		
							dark grey, carbonaceous coal bands		
	296.70	296.77	0.07	0.03			Coal		
							dull banded		
(62°)	296.77	296.87	0.10	0.05					
							sheared heavily broken, claystone chips		
	296.87	296.95	0.08	0.04			Claystone		
							extremely broken, coal chips		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 33

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						976' / 297.48			
	296.95	297.03	0.08	0.04		Coal	stoney		
	297.03	297.14	0.11	0.05			dull and bright		
	297.14	297.22	0.08	0.04		Claystone	dark grey, carbonaceous, coaly		
	297.22	297.33	0.11	0.05		Core loss	rock		
	297.33	297.47	0.14	0.07		Coal	dull banded		
	297.47	297.60	0.13	0.06		Claystone	dark grey, carbonaceous, coaly		
	297.60	297.68	0.08	0.04		Coal	dull and bright		
	297.68	297.83	0.15	0.07			dull banded		
	297.83	297.87	0.04	0.02			dull with fusain bands		
	297.87	297.93	0.06	0.03			dull banded		
	297.93	297.98	0.05	0.02			dull and bright		
							TOP OF BOX 71		
	297.98	298.07	0.09	0.04			bright banded		
	298.07	298.12	0.05	0.02			dull banded		
	298.17	298.20	0.08	0.04		Coal and claystone	sheared		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 34

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	298.20	298.23	0.03	0.01			dull with fusain bands		
	298.23	298.32	0.09	0.04			dull and bright		
	298.32	298.47	0.15	0.07			pulverized		
	298.47	298.64	0.17	0.08		981'/299.00	dull banded		
	298.64	298.74	0.10	0.05			dull and bright		
	298.74	298.82	0.08	0.04			bright		
	298.82	298.88	0.06	0.03			dull		
	298.88	298.94	0.06	0.03			dull banded		
	298.94	299.00	0.06	0.03			dull and bright		
	299.00	299.05	0.05	0.02			sheared		
	299.05	299.11	0.06	0.03			stoney		
	299.11	299.18	0.07	0.03			sheared		
	299.18	299.25	0.07	0.03			dull and bright		
	299.25	300.11	0.86	0.40			Claystone dark grey, carbonaceous, coal bands very coaly in places, some stoney coal bands, some bright bands near base and stoney coal		
						986'/300.53			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 35

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	300.11	300.62	0.51				Claystone	dark grey, carbonaceous coal stringers		
		301.07	0.45				Silty claystone	dark grey, grades to sandstone at base, coal band at top, plant remains		
60°	301.07	301.47	0.40				Sandstone	med. grey, fine grained, silty claystone bands		
					991'	302.06	TOP OF BOX 72			
	302.00	0.53					Siltstone	med. grey, thin sandy and claystone bands		
	302.60	0.60					Claystone	dark grey, carbonaceous towards base with coal laminae		
	303.00	0.40					Sandstone	med. grey, med. grained, heavily broken		
					996'	303.58				
	303.56	0.56					Claystone	dark grey, sand bands, coal laminae grades to silty claystone at base		
	304.24	0.68					Silty claystone	med. grey, silty and sandy bands, grade to fine grained sandstone		
	304.51	0.27					Sandstone	dark grey, fine grained, silty clay rich bands		
					1001'	305.10				
	304.84	0.33						as above, calcite veins with spar at base		
							TOP OF BOX 73			
77°	306.04	1.20						as above, becomes less silty and more massive calcite veins with spar in top half		
						1006'	306.63			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 36

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	306.04	306.84	0.80				as above, broken at top, grades to siltstone at base		
		307.59	0.75				Siltstone dark grey, sandstone bands, grades to sandstone at base		
					1011'	308.15			
		308.67	1.08				Sandstone as above		
								<u>TOP OF BOX 74</u>	
76°		309.07	0.40				as above		
					1016'	309.68			
		310.14	1.07				Silty sandstone dark grey, fine grained grades to siltstone at base		
		310.58	0.44				Siltstone dark grey, sandy with claystone clasts and disrupted claystone bands		
					1021'	311.20			
		311.65	1.07				as above, grades to silty sandstone at base		
		312.07	0.42				Silty sandstone med. grey, fine grained siltstone and claystone bands		
					1026'	312.72			
66°		312.84	0.77				as above		
								<u>TOP OF BOX 75</u>	
		314.65	0.81				as above, becomes less silty		
					1031'	314.25			
65°		316.07	1.42				Sandstone med. grey, fine to med. grained, argillaceous laminae		
					1036'	315.77			

HOLE No: 7717 SHEET No: 37

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
73°	316.07	317.62	1.55				as above, occasional coal bands		
		317.92	0.30		1041'	317.30	as above		
		319.22	1.30				TOP OF BOX 76		
		320.62	1.40		1046'	318.82	med. grey, med. to coarse grained massive occasional calcite veins		
		322.03	1.41		1051'	320.34	as above		
		322.25	0.22				TOP OF BOX 77		
		323.74	1.49		1056'	321.86	as above		
85°		325.26	1.52		1061'	323.40	as above, thick calcite veins near top		
							as above, occasional carbonaceous laminae and stringers		
					1066'	324.90			
85°		326.28	1.02				as above		
		326.73	0.45				TOP OF BOX 78		
		328.29	1.56		1071'	326.44	as above		
					1076'	327.96			
70°		329.48	1.19				Sandstone med. grey, med. grained, broken at centre and base claystone clasts near center argillaceous laminae		
					1080'	329.18			
		330.32	0.84				as above, massive with many claystone clasts in lower half		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 38

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 79</u>		
	330.32	331.04	0.72				as above, many claystone clasts at top, coal bands and stringers in lower half		
						1085' / 330.71			
		332.57	1.53				as above, many coal bands and stringer in top		
						1090' / 332.23	half, calcite veins		
79°		334.10	1.53				as above, no coal bands, massive, calcite veins		
						1095' / 333.76			
							<u>TOP OF BOX 80</u>		
		335.60	1.50				as above, heavily veined with calcite the veins vary between thin and regular and thick or thin discontinuous		
						1100' / 335.28			
		337.10	1.50				as above, with more argillaceous and silty bands, heavily veined, broken as above at top, small displacement slip planes at base		
						1105' / 336.80			
		337.81	0.71				as above, broken at center and base, heavily calcite veined, slightly breccia formation (which is also the case for the other units in the box)		
							<u>TOP OF BOX 81</u>		
						1107' / 337.41			
		339.11	1.30				as above, thick calcite veins at top and centre, shows brecciation of sandstone		
						1111' / 338.63			
70°		340.68	1.57				med. grey, fine grained, argillaceous laminae calcite veins in lower half		
						1116' / 340.16			
		341.78	1.10				as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7717 SHEET No: 39

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 82</u>		
	341.78	342.19	0.41				as above		
					1121'	341.68			
		343.74	1.55				as above, claystone band at base		
					1126'	343.20			
68°		345.17	1.43				as above, claystone band		
					1131'	344.73			
		345.61	0.44				as above		
							<u>TOP OF BOX 83</u>		
		346.69	1.08				as above		
					1136'	346.35			
		348.29	1.60				as above		
					1141'	347.78			
75°		349.67	1.38				as above		
							<u>TOP OF BOX 84</u>		
		349.83	0.16				as above		
					1146'	349.30			
		351.72	1.49				as above		
					1151'	350.82			
		352.84	1.52				as above, thick calcite vein in centre spar an breccia		
					1156'	352.35			
79°		353.41	0.57				as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 40

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 85</u>		
	352.84	353.41	0.92				as above		
66°		354.91	1.58		1161'	353.87	as above		
					1165'	355.39	as above		
72°		356.33	1.42				as above		
					1171'	356.92			
							<u>TOP OF BOX 86</u>		
		357.87	1.54				as above		
					1176'	358.44	as above		
		359.34	1.47				as above		
					1181'	359.97	as above		
		360.54	1.20				as above		
							<u>TOP OF BOX 87</u>		
		360.87	0.33				as above		
					1186'	361.49	as above		
		362.23	1.36				as above		
					1191'	363.02	as above		
70°		363.85	1.62				as above		
					1196'	364.54	as above		
		364.56	0.71				as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 41

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 88		
		364.56	365.33	0.77			as above		
70°		366.77	1.44		1201'	366.06	as above		
					1206'	367.59			
		368.24	1.47				as above		
					1211'	369.11			
		368.79	0.55				as above		
							TOP OF BOX 89		
		369.82	1.03				as above, occasional claystone bands		
72°					1216'	370.64			
		371.42	1.60				as above, claystone bands		
					1221'	372.16			
		372.31	1.49				as above		
					1226'	373.68			
		373.42	1.51				as above		
63°		374.83	1.41		1231'	375.21	as above, with claystone bands		
					1236'	376.73			
		376.35	1.52				as above, with claystone bands		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7717 SHEET No: 42

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 91</u>		
	376.35	376.44	0.09				as above		
					1241'	378.26			
		377.91	1.47				Sandstone dark grey, fine grained, silty, grades to sand siltstone		
					1246'	379.78			
		379.43	1.52				Sandy Siltstone dark grey, thin sandstone band, particularly top and base, thin coal band at center		
					1251'	381.30			
		380.35	0.92				Sandstone dark grey, fine grained, silty claystone and siltstone bands, calcite veins with voids and spar		
							<u>TOP OF BOX 92</u>		
		381.06	0.71				as above		
					1256'	382.83			
		382.57	1.51				as above		
					1261'	384.35			
70°		384.13	1.56				as above, claystone bands		
					1266'	385.88			
		384.55	0.42				as above		
							<u>TOP OF BOX 93</u>		
		385.65	1.10				Sandy siltstone dark grey, many thin sandstone and claystone bands		
					1271'	378.40			

HOLE No: 7717 SHEET No: 43
 DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
65 ⁰	385.65	387.26	1.61				Siltstone dark grey, thin sandstone and claystone bands, occasional coal stringers		
						1276' / 388.93			
		388.66	1.40				Silty claystone dark grey, carbaceous, many coal laminae and stringers		
END OF HOLE									

SAXON PROJECT (SAXON SOUTH)

HOLE NO. 7718 BEARING -- ANGLE 90° TOTAL DEPTH 64.25
COORDINATES 6015042.7 N 693428.2 E COLLAR ELEVATION 1978.9

Seam No. 4 Elevation of Seam (Base) 1926.3

Seam Interval: 34.46 - 45.54 Upper 50.86 - 52.64 Lower

True Thickness
of Mining Section: 8.35 Coal 7.80 1.54 Coal 1.19
Rock 0.55 Rock 0.35

Core Recovery: 98 % 88 %

INTERSEAM THICKNESS: 4.40 Upper to Lower; 4.55

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness
of Mining Section: _____ Coal _____ Coal _____
Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS: _____

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness
of Mining Section: _____ Coal _____ Coal _____
Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS: _____

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness
of Mining Section: _____ Coal _____ Coal _____
Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS: _____

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7718 SHEET No: 1

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: 64.01m COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: 90° LOGGED BY: D. Bisping/checked by CORE SIZE: H.Q.

Dr. M.V. Spuber



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							No core up to 9.8 ft 13.12m; depth marker 15 cm to high		
27°	3.12	4.72	1.60				<u>TOP OF BOX 1</u> Sandstone grey, partly brownish oxydiczed fine to medium grained, small crossbedding units	1.60	
28°		6.34	1.62			15'/4.57	grey, partly brownish oxydiczed, medium grained, bedding well visible, small crossbedding units	1.62 (+9)	
19°		7.56	1.22			20'/6.10	as above	1.56 (+3)	
14°		7.90	0.34				<u>TOP OF BOX 2</u> as above		
26°		9.51	1.61			25'/7.62	as above; partly coarse grained	1.61	
		11.13	1.62			30'/9.14	as above	(+9) 1.62	
23°		11.81	0.68			35'/10.67	as above	(+10) 1.50 (-2)	
		11.96	0.15				as above; at base brownish oxydiezed, coaly matter		
							<u>TOP OF BOX 3</u>		
		12.10	0.14				as above		
		12.41	0.31				as above		
24°		12.63	0.22				grey, medium grained, at top one CaCO ₃ filled fracture (40°)		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7718 SHEET No: 2
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						40'/12.19			
	12.63	14.22	1.59				grey at top partly brownish oxydiezed, medium grained in the middle part medium to coarse grained crossbedding units	1.59	(+6)
						45'/18.72			
21°		15.65	1.43				grey medium grained laminated	1.43	
						50'/15.24		(-9)	
		16.34	0.69				as above	1.59	(+7)
							TOP OF BOX 4		
23°/19°		17.24	0.90				as above; small crossbedding units		
						55'/16.76			
26°		17.42	0.18				brownish grey, fine to medium grained, coal bands	1.45	(-7)
		17.46	0.04				brown, fine to medium grained, weathered, small CaCO ₃ fillings, thin coal streaks		
		17.56	0.10				brownish grey, fine to medium grained bedding disturbed tectonically, listric surfaces, coal streaks		
26°/18°		18.47	0.91				grey partly brownish oxydiezed, fine to medium grained, small crossbedding units in the upper part core broken and few CaCO ₃ fillings, thin irregular coal streaks		
		18.69	0.22				brownish grey, medium grained		
						60'/18.29			
26°		20.22	1.53				brownish grey, fine to medium grained in the middle part one CaCO ₃ filled fracture (1 cm) at top thin irregular coal streaks	1.53	(+1)
						65'/19.81			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7718 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

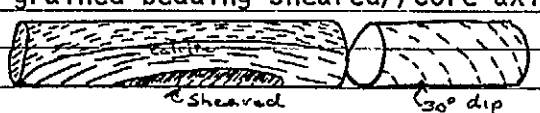


B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	20.22	20.63	0.41				brownish grey, fine to medium grained, laminated at top tectonic breccia, irregular CaCO ₃ filled fractures up to 3cm, disturbed tectonically	1.43	(-9)
							TOP OF BOX 5		
20°		21.65	1.02				brownish grey, fine to medium grained, CaCO ₃ filled fracture (10°)		
						70'/21.34			
		21.99	0.34				brownish grey, fine to medium grained, at base few irregular thin coal streaks	1.61	(+9)
		22.19	0.20				grey, medium grained, very thin irregular coal streaks		
19°		23.26	1.07				brownish grey, fine to medium grained, at top one open fracture with well formed CaCO ₃ crystals		
						75'/22.86			
		23.45	0.19				brownish grey, fine to medium grained, irregular coal streaks	1.31	(-21)
		23.51	0.06				grey medium grained, sedimentary breccia		
		23.58	0.07				Siltstone dark grey, sandy		
27°		24.57	0.99				Sandstone grey, partly brownish, oxydiezed, fine grained, irregular laminated, at base one CaCO ₃ filled fracture (0.25)cm parallel to core axis		
						80'/24.38			
		24.82	0.25				brownish grey, fine grained, irregular, laminated, small crossbedding units core broken parallel to core axis	1.50	(-2)

HOLE No: 7726 SHEET No: 16

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						536' / 63.37			
40°	161.66	161.87	0.21			Claystone	black carbonaceous w/coal stringers and silty phases		
							TOP OF BOX 38		
40°		162.31	0.44				as above		
	162.31	162.99	0.68			Sandstone	light grey fine grained w/sedimentary slumping features (earlier described) - 60o contact -		
	162.99	163.58	0.59			Claystone	black carbonaceous w/coal stringers		
50°	163.58	164.77	1.19			Sandstone	light grey fine grained w/thin calcite fracture		
		164.92	0.15			546' / 66.42	fillings		
		164.92	0.15				as above grading to silty claystone		
	164.92	165.39	0.47			Claystone	medium grey w/carbonaceous wisps and calcite fillings		
	165.39	165.88	0.49			Sandstone	light grey fine grained bedding sheared//core axis calcite veined		
30°		166.21	0.33				as above		
							TOP OF BOX 39		
30/40		167.39	1.18				as above, base grading to claystone		
	167.39	167.99	0.60			Claystone	black carbonaceous w/coaly stringers near top base very broken core		
						556' / 69.47			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7718 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	#4 SEAM	DESCRIPTION	RECOVERY		
	From	To	Thick.	True					m.Rec.	%	
					7718-4			TOP OF BOX 8			
	33.20	33.32	0.12		④			as above, thin discontinuous coal stringers, base slickensided			
						110'	33.53				
	33.32	33.35	0.03	.02	⑤		Coal	dull banded; broken core as 1-2cm chips			
	33.35	33.58	0.23	.16	X		Missing	coal			
	33.58	34.00	0.42	.56	⑥		Claystone	dark grey silty w/plant remains			
	34.00	34.38	0.38		⑦			as above; bottom 0.34-0.38m. carbonaceous w/thin coal stringers, broken core	1.58		
	34.38	34.46	0.08	.06	X		Missing	claystone	1.52	+ .06	
	34.46	34.52	0.06	.04			Coal	dull, metallic, broken core, base chip sized core			
		34.66	0.14	.10	⑧			dull bright; top and bottom chip sized broken core			
		34.87	0.21	.15					dull banded; base listric surfaced; broken core		
	34.87	35.04	0.17	.12	⑨		Coal	sheared, flakey, shiny-slickensided broken core			
		35.06	0.02	.01					dull metallic; 2 fgts. in bed of 1cm flakey sheared coal		
		35.12	0.06						sheared, flakey, shiny slickensided broken core		
	35.12	35.21	0.09	.10	⑩			as above			
						115'	35.05				
	35.21	35.31	0.10	.07				bright banded; broken core top listric surfaced, bottom chip sized core			
	35.31	35.47	0.16	.11	⑪		Claystone	dark grey, carbonaceous, 1-2mm coal bands near top listric surfaced, slickensided at base			
	35.47	35.59	0.12	.08	⑫		Coal	bright banded, sheared; broken core			
	35.59	35.71	0.12	.08	⑬		Claystone	dark grey, carbonaceous, top w/thin coal bands			
	35.71	35.90	0.19		⑭		Coal	bright banded dull portions-hard, solid core bright			
	35.90	36.10	0.20	.38		⑮			portions as cube like vitrain bands		
	36.10	36.25	0.15				⑯				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7718 SHEET No: 6

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	36.25	36.36	0.11	.08	(16)		Coal		
	36.36	36.42	0.06	.07			dull/bright		
	36.42	36.46	0.04				dull banded, metallic		
	36.46	36.59	0.13	.09	(17)		dull banded, metallic		
	36.59	36.61	0.02	.01			dull/bright	1.52	
		36.63	0.02	.01			sheared	1.53	
		36.66	0.03	.02			Stoney, top slickensided		
		36.72	0.06	.04			- contact -		
						120'/36.58	bright-banded; base broken core to chips chunks		
							dull sheared; broken core		
	36.72	36.78	0.06	.04	(18)		dull; broken core		
	36.78	37.00	0.22	.34			bright banded		
	37.00	37.27	0.27		(19)		bright banded		
	37.27	37.29	0.02	.01	(20)		dull		
	37.29	37.41	0.12	.08			stoney		
	37.41	37.59	0.18	.13	(21)		bright banded		
	37.59	37.65	0.06	.34			TOP OF BOX 9		
	37.65	38.08	0.43		(22)		dull/bright		
							dull/bright		
	38.08	38.23	0.15	.10	(23)		dull banded; broken core chunky		
		38.37	0.14	.10			bright banded		
		38.46	0.09	.06			dull banded		
						125'/38.10			
		38.61	0.15	.10	(24)		dull bright; top-broken core chunky		
		38.71	0.10	.07			bright banded		
		38.73	0.02	.01			dull, metallic	1.43	-.09
								1.52	
	38.73	38.92	0.19	.13	(24)		bright banded		
		39.12	0.20	.14			dull banded		
	39.12	39.26	0.14	.29	(25)		dull/bright		
		39.53	0.27					dull/bright	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7718 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	39.53	39.63	0.10	.08	26	130'/39.62	Coal		
		39.89	0.26	.21			dull, metallic dull/bright		
		39.95	0.06	.05	27		bright banded		
		40.02	0.07	.25			dull/bright	1.60	
40.02	40.26	0.24		28		" "		1.53	
	40.29	0.03	.02			" core as chips	+ .07		
	40.32	0.03	.02	29		dull, metallic			
	40.46	0.14				dull/bright			
40.46	40.84	0.38		30		" "			
	40.98	0.14	.94			" "			
	41.18	0.20		31		" "			
	41.32	0.14				" "			
	41.49	0.17		32	135'/41.15	" "			
41.49	41.70	0.21	.17			Bright banded			
	41.48	0.14		33		" "			
41.84	41.96	0.12	.21			" "	TOP OF BOX 10		
	41.98	0.02	.02	34		dull metallic			
	42.38	0.40	.32			sheared			
	42.52	0.14	.11	35		dull banded sheared			
	42.88	0.36	.33			dull/bright			
42.88	42.93	0.05		36	140'/42.67	" "			
	43.10	0.17	.14			bright banded			
	43.24	0.14		37		" "			
43.24	43.38	0.14	.43			" "			
	43.38	0.26		38		" "			
	43.76	0.12	.22			sheared			
43.76	43.91	0.15		39		"			
	44.00	0.09	.07			bright, sheared			
	44.03	0.03	.02			sheared, crumbly, flakey, lustric surfaced chips			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7718 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	44.03	44.11	0.08	.06	(39)		Claystone	dark grey, sheared, slickensided, flakey chips	
	44.11	44.25	0.14	.11	(40)		dark grey sheared		
		44.30	0.05	.04		" "		" "	
	44.30	44.36	0.06	.05	(41)		Coal	bright, sheared	
		44.41	0.05	.04		bright banded, sheared			
	44.41	44.54	0.13	.10	X		Missing	coal	
						145' / 44.20			
	44.54	44.58	0.04	.03	(42)		Coal	stoney	
	44.58	44.64	0.06	.05	(43)			sheared	
		44.76	0.12	.22		sheared; very bright, lustric surfaced, crumbly flakey chips			
	44.76	44.86	0.10	.10	(44)		" " " " " " " "		
		45.04	0.18	.14		sheared			
		45.28	0.24	.19	(45)		dull/bright; upper half, sheared		
	45.28	45.36	0.08	.06		sheared			
	45.36	45.40	0.04	.03	(46)		Claystone	dark grey plant remains, flakey sheared core chip sizes	
	45.40	45.47	0.07	.06	(47)		Coal	bright sheared	1.40
	45.47	45.54	0.07	.06	X		Missing	coal	1.52
	45.54	45.60	0.06	.05	(48)		Claystone	dark grey, sheared; core breaks along shear planes	-.12
	45.60	45.72	0.12	.10	X		Missing	claystone	
	45.72	45.80	0.08	.06	(49)		Coal	bright; base dull	
	45.80	45.88	0.08	.06	X		Missing	coal	
	45.88	46.10	0.22	.18	(50)		Claystone	dark grey; vitrain cubic bands at 16-18 .195-.20 m dip 40°	
	46.10	46.12	0.02	.02	(51)		Coal	blocky, breaks into cubes	
		46.17	0.05	.04		interbedded bright coal and claystone			
		46.21	0.04	.03	X		Claystone	dark grey carbonaceous	
	46.21	46.26	0.05	.04		Missing		claystone	
						150' / 45.72			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7718 SHEET No: 9

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
					7718-4	150'/45.72	TOP OF BOX 11			
	46.26	46.28	0.02	.02	(52)		Coal bright banded, thin pyrite blebs on surface			
	46.28	46.32	0.04	.03	X		Missing coal			
	46.32	46.67	0.37	.30	(53)		Claystone dark grey to black carb. at base very carb., plant remains, listric surfaces, coal streaks at top 1cm coal band			
	46.67	46.70	0.03	.02	(54)		Coal bright			
		46.76	0.06	.05				bright banded		
		46.86	0.10	.08				bright		
	46.86	47.00	0.14	.11	(55)		Claystone dark grey to black carb., plant remains, listric surface coal streaks, core broken			
	47.00	47.05	0.05	.04				Coal pulverized, weakly sheared		
35°	47.05	47.48	0.43	(56)		Claystone dark grey to black, carbonaceous at top plant fossils (Ginkgo pluripartita) and thin coal bands, coal streaks				
		47.70	0.22		(57)		as above			
	47.70	47.86	0.16		(58)	155'/47.24	as above			
		47.92	0.06	(59)			as above			
	47.92	48.29	0.37				as above			
		48.32	0.03				Claystone dark grey, silty, laminated, plant remains			
	48.32	48.72	0.40	(60)			as above			
	48.72	49.18	0.46	(61)	160'/48.77		as above			
28°		49.66	0.48				as above			
	49.66	50.29	0.63	(62)			as above			
	50.29	50.39	0.10	(63)		Iron claystone				
		50.60	0.21				TOP OF BOX 12			
		50.60	0.26	0.22	(64)	165'/50.29				
	50.60	50.86	0.26	0.22		Claystone dark grey to black, carb., coal bands; core heavily broken				
	50.86	50.93	0.07	0.06	(65)		Coal dull banded			
		50.96	0.03	0.03				bright		
31°		51.02	0.06	0.05				dull and bright		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7718 SHEET No: 10

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	51.02	51.04	0.02	0.02			bright		
		51.14	0.10	0.09	(65)		dull banded, core pulverized		
		51.22	0.08	0.07			bright banded		
		51.25	0.03	0.03			bright		
		51.30	0.05	0.04			bright banded		
	51.30	51.46	0.16	0.14	(66)		Claystone dark grey to black, carbonaceous, plant remains, many thin bands of bright coal		
	51.46	51.53	0.07	0.06			Coal bright banded		
		51.63	0.10	0.09			bright		
		51.72	0.09	0.08	(67)		dull and bright		
		52.00	0.28	0.24			bright		
						170'/51.82			
		52.07	0.07	0.06			dull and bright	1.69	
								(+17)	
		52.16	0.09	0.08			bright		
		52.20	0.04	0.03			dull banded		
		52.30	0.10	0.09	X		Claystone missing		
	52.30	52.42	0.12	0.10	(68)		dark grey to black, carbonaceous listric surfaces, many thin bands of bright coal		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7718 SHEET No: 11

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	52.42	52.44	0.02	0.02	}		Coal stoney			
		52.48	0.04	0.03		(69)		dull banded		
		52.53	0.05	0.04				bright		
		52.64	0.11	0.09	X		Coal missing			
	52.64	52.96	0.32	0.27	}		Claystone dark grey to black carbonaceous, plant remains, listric surfaces, at top many thin bands of bright coal			
		53.32	0.36	0.31		(70)		dark grey, at base silty, plant remains		
	53.32	53.39	0.07	0.06		(71)	175' / 53.34	Siltstone grey		
		53.69	0.30	0.26						
		54.07	0.38	0.33	}		as above sandy	1.48		
	54.07	54.27	0.20	0.17		(72)		Claystone dark grey, silty, plant remains, slickensides	(-4)	
34°		54.94	0.87	0.75						
		55.17	0.23	0.20			as above			
						180' / 54.86				
32°		56.69	1.52	1.30			dark grey, silty, laminated small crossbedding units at top worm burrows, in the middle part iron clay-	1.52	(-1)	
							stone bands, plant remains, few coal bands, core partly broken			
						185' / 55.39				
29°		57.22	0.53	0.45			as above	1.32	(-20)	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7718 SHEET No: 12

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	57.22	57.74	0.52	0.45			dark grey to black, carbonaceous, in the middle part one iron claystone band (2cm) slickensides, plant remains, thin coal bands		
	57.74	57.80	0.06	0.05		Coal	core pulverized		
		57.84	0.04	0.03			dull banded		
		57.89	0.05	0.04			dull and bright		
		57.93	0.04	0.03			bright		
		58.01	0.08	0.07			bright banded		
		58.12	0.11	0.09		190'/57.91	dull and bright	1.63	(+10)
		58.18	0.06	0.05			bright		
	58.18	58.27	0.09	0.08		Claystone	dark grey to black, carbonaceous, thin coal bands		
		58.37	0.10	0.09		Coal	bright		
30°		58.88	0.51	0.44		Claystone	dark grey, carbonaceous, plant remains, in the middle part one coal band (1cm)		
		58.93	0.05	0.04		Coal	core pulverized		
		58.95	0.02	0.02			dull and bright		
		59.35	0.40	0.34		Claystone	dark grey, silty plant remains		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7718 SHEET No: 13

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 14		
29°	59.35	59.57	0.22	0.19			as above grading into siltstone		
		59.64	0.07	0.06		195' / 59.44	Coal dull and bright		
36°		60.81	1.17	1.00			Sandstone grey fine grained at top silty intercalations of claystone and medium grained sandstone bedding	1.50	(-2)
							partly disturbed by slumping at base one coal intercalation parallel core axis		
		60.89	0.08	0.07			Coal bright banded core totally broken		
		61.14	0.25	0.21			Sandstone grey fine grained irregular coal streaks		
						200' / 60.96			
		61.91	0.77				grey to light grey fine grained at base grading into siltstone, in the middle part irregular coal streaks	1.58	(+6)
		62.37	0.46				Claystone dark grey silty plant remains		
		62.72	0.35				dark grey to black carbonaceous coal bands		
						205' / 62.48			
		63.25	0.53				as above listric surfaces	1.53	+0
		63.27	0.02				Coal dull and bright		
		63.30	0.03				dull banded		
		63.78	0.48				Claystone dark grey, iron claystone concretions plant remains		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7718 SHEET No: 14

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M. : _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT. : _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 15</u>		
	63.78	64.10	0.32				Siltstone dark grey, laminated		
27°		64.25	0.15				Sandstone grey, fine grained		
							210' / 64.01		
							<u>END OF HOLE</u>		

SAXON PROJECT (SAXON SOUTH)

HOLE NO. 7719 BEARING 220⁰ ANGLE 60⁰ TOTAL DEPTH 203.46

COORDINATES 6013669.5 N 695215.9 E COLLAR ELEVATION 1696.2

Seam No. XX Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness of Mining Section: _____ Coal _____ Coal _____

Rock _____ Rock _____

Core Recovery: _____% _____%

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness of Mining Section: _____ Coal _____ Coal _____

Rock _____ Rock _____

Core Recovery: _____% _____%

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness of Mining Section: _____ Coal _____ Coal _____

Rock _____ Rock _____

Core Recovery: _____% _____%

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness of Mining Section: _____ Coal _____ Coal _____

Rock _____ Rock _____

Core Recovery: _____% _____%

INTERSEAM THICKNESS:

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7719 SHEET No: 1

DATE BEGUN: _____ DEPTH: _____ BEARING: 220° U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: 203.5 metres COAL LICENSE: 2764

LAT.: _____ HOLE ANGLE: 60° LOGGED BY: I Delas CORE SIZE: HQ



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	0.00	18.60m					Note: box 1 & 2 not logged in detail these contained overburden consisting of clay and soil with chunks of sandstone glacial till		
							TOP OF BOX 3		
	18.60	19.10	0.50				Overburden glacial till		
	19.10	20.02	0.92				Claystone weathered and broken		
	20.02	20.12	0.10				Overburden glacial till		
						66'/20.12m			
	20.12	22.62	2.50				Claystone highly broken and weathered core destroyed by weathering in core box		
	22.62	22.92	0.30				Sandstone light grey, fine grained, compact, massive		
							TOP OF BOX 4		
	22.92	23.52	0.60				Claystone as above		
						76'/23.16			
	23.52	24.04	0.52				as above		
	24.04	24.25	0.21				Sandstone as above		
	24.25	24.35	0.10				Claystone as above		
	24.35	24.50	0.15				Sandstone as above		
	24.50	25.00	0.50				Claystone as above		
						81'/24.69			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7719 SHEET No: 2
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						81'/24.69m			
	25.00	25.94	0.94			Sandstone	as above		
	25.94	26.74	0.80			Claystone	as above		
						86'/26.21			
							as above		
							TOP OF BOX 5		
	26.74	27.96	1.22			Claystone	medium grey, compact, massive		
						91'/27.74			
	27.96	29.49	1.53				as above		
						96'/29.26			
	29.49	30.91	1.42				as above		
						101'/30.78			
							TOP OF BOX 6		
	30.91	31.77	0.86				as above		
	31.77	31.91	0.14			Siltstone	medium grey, candy, laminated		
	31.91	32.48	0.57			Sandstone	light grey fine grained, compact, massive		
						106'/32.31			
84°	32.48	33.82	1.34				as above		
						111'/33.83			
	33.82	34.37	0.55			Claystone	as above		
	34.37	34.82	0.45			Sandstone	as above		
							TOP OF BOX 7		
82°	34.82	35.34	0.52			Siltstone	grey, regularly bedded, massive		
	35.34	36.86	1.52			Claystone	medium grey, silty uniform, compact		
						121'/36.88			
	36.86	38.39	1.53				as above		
						126'/38.40			
	38.39	38.81	0.42				as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7719 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
							TOP OF BOX 8			
	38.81	39.86	1.05				Claystone as above			
						131' / 39.93m				
	39.86	41.42	1.56				as above			
						136' / 41.45				
88°	41.42	42.91	1.49				as above			
						141' / 42.98				
							TOP OF BOX 9			
55°	42.91	44.51	1.60				as above			
						146' / 44.50				
85°	44.51	45.08	0.57				as above			
	45.08	45.98	0.90				Claystone as above, highly broken, partly sheared at the base bedding disturbed with a few calcite veins FAULT			
						151' / 46.02				
	45.98	46.53	0.55				Claystone completely sheared and broken			
43°	46.53	47.04	0.51				Sandstone light grey, fine grained, uniform BEDS OVERTURNED			
							TOP OF BOX 10			
	47.04	47.61	0.57				as above with slickensided and a large amount of calcite			
						156' / 47.55				
50°	47.61	49.18	1.57				Sandstone light grey fine grained, massive, with regular bedding some calcite veins			
						161' / 49.07				
	49.18	50.65	1.47				as above			
						166' / 50.60				
	50.65	50.90	0.25				as above			
							TOP OF BOX 11			
	50.90	52.12	1.22				as above calcite vein at top			
						171' / 52.12				
60°	52.12	52.87	0.75				as above			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. SD 7719 SHEET No: 4

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
60°	52.87	53.27	0.40				Sandstone as above, sheared and broken, with carbonaceous inclusions		
65°	53.27	53.64	0.37			176' / 53.64m	Sandstone light grey, fine grained, massive bedding regular		
68°	53.64	54.87	1.23				as above <u>TOP OF BOX 12</u>		
	54.87	55.55	0.68				as above		
40°	55.55	56.01	0.46			181' / 55.17	Sandstone light grey, fine grained, bedding regular and parallel with layers of claystone		
							↑ FOLD AXIS ↓		
	56.01	56.13	0.12				Claystone dark grey, parallel bedding and laminations, partly sheared		
	56.13	56.45	0.32				Sandstone as above very disturbed some shearing and slickensides		
	56.45	56.97	0.52				Claystone completely sheared and broken		
57°	56.97	58.23	1.26			186' / 56.70	Sandstone light grey, fine grained, bedding uniform, parallel, and regular; some slickensides and shearing toward base		
	58.23	58.44	0.21				Claystone sandy crossbeds, sheared, cross bedded		
						191' / 58.22			
	58.44	59.24	0.80				as above, slightly broken		
	59.24	59.46	0.22				as above <u>TOP OF BOX 13</u>		
						195' / 59.44			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7719 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
80°	59.46	60.91	1.45				Siltstone	interbedded with thin claystone layers, bedding parallel sheared		
						200' / 60.96 m				
	60.91	62.26	1.35					as above slightly broken		
						204' / 62.18				
	62.26	63.05	0.79					as above		
								TOP OF BOX 14		
	63.05	63.92	0.87				Sandstone	light grey, fine grained with thin layers of claystone bedding parallel with slickensides		
						209' / 63.70				
	63.92	64.08	0.16					as above		
82°	64.08	65.51	1.43				Sandstone	light grey, fine grained, bedding regular and parallel sheared and broken at the base		
						214' / 65.23				
	65.51	67.02	1.51					as above		
						219' / 66.75				
								TOP OF BOX 15		
	67.02	68.58	1.56				Siltstone	layers of siltstone and claystone interbedded (silty claystone), a few sandy layers; sheared and broken at the base		
						224' / 68.28				
	68.58	70.16	1.58					as above		
						229' / 69.80				
72°	70.16	70.97	0.81					as above		
								TOP OF BOX 16		
	70.97	71.71	0.74					as above		
						234' / 71.32				
90°	71.71	73.30	1.59					as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7719 SHEET No: 6

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
87° at base	73.30	74.85	1.55				Siltstone as above		
						244'/74.37			
	74.85	75.13	0.28				as above		
							TOP OF BOX 17		
	73.13	76.33	1.20				as above		
						249'/75.90			
	76.33	77.51	1.18				as above, sheared and somewhat broken		
						254'/77.42			
	77.51	78.46	0.95				Claystone dark grey, with thin silty beds, lightly sheared and broken		
	78.46	78.84	0.38				Sandstone light grey, fine grained, with some calcite slickensides		
	78.84	79.08	0.24				Claystone as above, sheared and broken		
							TOP OF BOX 18		
	79.08	79.86	0.78				as above		
	79.86	80.76	0.90				Sandstone light grey, fine-grained, massive compact		
						264'/80.47			
80°	80.76	82.37	1.61				as above		
						269'/82.00			
	82.37	83.19	0.82				Siltstone with beds of claystone and some sandy layers, partly sheared and highly broken		
							TOP OF BOX 19		
	83.19	83.81	0.62				Sandstone light grey, fine grained, massive, compact		
						275'/83.82			
	83.81	85.29	1.48				as above		
						280'/85.34			
80°	85.29	86.69	1.40				as above, with some calcite		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7719 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	86.69	87.24	0.55				Sandstone as above		
							TOP OF BOX 20		
	87.24	88.27	1.03				as above		
						290' / 88.39m			
	88.27	89.81	1.54				as above		
						295' / 89.92			
85°	89.81	90.24	0.43				as above		
	90.24	91.44	1.20				Claystone dark grey, with silty interbeds lightly broken and sheared		
						300' / 91.44			
	91.44	91.92	0.52				as above		
							TOP OF BOX 21		
	91.92	92.69	0.77				Siltstone light grey, with beds of claystone, massive regular bedding		
						304' / 92.66			
	92.69	94.09	1.40				as above		
82°	94.09	95.54	1.45				as above, with silty bands and slickensides		
						314' / 95.71			
	95.54	97.00	1.46				as above		
						319' / 97.23			
87°	97.00	98.47	1.47				Sandstone light grey, fine grained, silty with thin bands of claystone, bedding parallel, massive		
						324' / 98.75			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7719 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
75°	98.47	99.77	1.30				Sandstone	light grey, fine grained, massive, compact, bedding regular and parallel		
							TOP OF BOX 23			
	99.77	99.93	0.16				Claystone	dark grey, with thin silty interbeds, compact		
						329' /	100.28m			
	99.93	101.55	1.62				Sandstone	as sandstone above, with beds of claystone		
						333' /	101.50			
	101.55	102.50	0.95					as above		
							FAULT ZONE			
	102.50	103.12	0.62				Claystone	dark grey with silty interbeds, slickensides broken		
						339' /	103.33			
	103.12	103.84	0.72				Sandstone	as above		
							TOP OF BOX 24			
70°	103.84	104.64	0.80					as above		
						344' /	104.85			
	104.64	106.14	1.50				Silty claystone	siltstone and claystone interbedded, bedding parallel		
						349' /	106.38			
63°	106.14	107.69	1.55					as above		
						354' /	107.90			
	107.69	107.90	0.21					as above		
							TOP OF BOX 25			
	107.90	109.32	1.42					as above, with sandy interbeds, bedding regular		
						359' /	109.42			
	109.32	110.84	1.52					as above		
						364' /	110.95			
65°	110.84	112.28	1.44					as above		
							TOP OF BOX 26			
	112.28	112.42	0.14					as above		
						370' /	112.78			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7719 SHEET No: 9

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
68°	112.42	113.04	0.62				Sandstone	light grey, fine grained, silty with a few thin layers of claystone		
	113.04	113.91	0.87				Sandstone	light grey, fine grained, compact massive bedding		
					375' /	14.30m		as above		
	113.91	115.45	1.54							
					380' /	115.82				
60°	115.45	116.34	0.89				Sandstone	light grey, fine grained, bedding parallel and regular, with a few claystone clasts		
	116.34	117.02	0.68					<u>TOP OF BOX 27</u>		
								as above		
					385' /	117.35				
	117.02	117.43	0.41				Silty claystone	dark grey, massive, regular bedding		
	117.43	119.51	2.08				Sandstone	as sandstone above		
	119.51	119.75	0.24				Claystone	with silty interbeds, highly broken and sheared		
	119.75	119.85	(0.10)				Core loss	claystone		
	119.85	120.42	0.57				Sandstone	light grey, fine grained, massive compact, with some calcite		
					395' /	120.40				
								<u>TOP OF BOX 28</u>		
	120.42	121.96	1.54					as above		
					401' /	122.22				
	120.96	123.51	1.55					as above		
					406' /	123.75				
68°	123.51	124.55	1.04					as above		
								<u>TOP OF BOX 29</u>		
	124.55	124.97	0.42					as above		
					411' /	125.27				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

SD 7719

10

HOLE No. _____ SHEET No: _____

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						411' / 25.27m			
	124.97	126.49	1.52			Sandstone as above			
	126.49	128.00	1.51			416' / 26.80 as above			
57°	128.00	128.80	0.80			421' / 28.32 as above			
	128.80	129.56	0.76			as above TOP OF BOX 30			
	129.56	130.89	1.33			426' / 29.84 as above			
	130.89	132.27	1.38			431' / 31.37 as above			
	132.27	132.49	0.22			Claystone dark grey, silty compact			
	132.49	133.01	0.52			436' / 32.89 Siltstone grey with sandy interbeds, bedding parallel, highly broken with slickensides at top			
	133.01	133.11	(0.10)			Core loss siltstone TOP OF BOX 31			
	133.11	133.63	0.52			Sandstone as sandstone above			
63°	133.63	134.27	0.64			Siltstone as siltstone above			
	134.27	135.42	1.15			441' / 34.42 as above with sandy layers at base			
56°	135.42	135.79	0.37			445' / 35.64 Sandstone light grey, fine grained, bedding parallel and regular			
	135.79	136.32	0.53			Silty claystone grey compact, massive, with sandy interbeds and regular parallel bedding			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. SD 7719 SHEET No: 11

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	136.32	137.00	0.68				Sandstone as sandstone above, with a few interbeds of silty claystone		
						450' / 37.16m			
	137.00	137.29	0.29				as above		
							TOP OF BOX 32		
52°	137.29	137.97	0.68				as above		
						453' / 38.07			
	137.97	138.58	0.61				Silty claystone dark grey, interbedded with grey claystone, bedding regular and parallel		
	138.58	139.16	0.58				Sandstone fine grained, massive, with thin layers of silty claystone		
						457' / 39.29			
	139.16	140.28	1.12				as above		
						461' / 40.51			
	140.28	140.62	0.34				Sandstone light grey, fine grained, massive bedding regular and parallel		
	140.62	140.69	0.07				Claystone dark grey, compact, with slickensides		
	140.69	141.47	0.78				Sandstone as above		
							TOP OF BOX 33		
	141.47	141.63	0.16				as above		
						465' / 41.73			
	141.63	142.10	0.47				as above		
	142.10	143.19	1.09				Sandstone .interbedded with layers of claystone, bedding parallel and massive		
						470' / 43.26			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7719 SHEET No: 12

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						470' / 43.26m			
50°	143.19	144.91	1.72			Siltstone	grey, massive, with sandy interbeds		
						475' / 44.78			
	144.91	145.51	0.60				as above		
							TOP OF BOX 34		
55°	145.51	146.41	0.90			Silty claystone	dark grey with sandy interbeds, bedding parallel and massive		
						480' / 46.30			
	146.41	147.96	1.55				as above		
						485' / 47.83			
	147.96	149.56	1.60			Silty claystone	grey, massive, compact, uniform, bedding regular and parallel		
						490' / 49.35			
							TOP OF BOX 35		
	149.56	150.68	1.12				as above		
						495' / 50.88			
	150.68	152.20	1.52				as above		
						500' / 52.40			
	152.20	153.69	1.49				as above		
						505' / 53.92			
	153.69	153.76	0.07				as above		
							TOP OF BOX 36		
	153.76	155.28	1.52				as above		
						510' / 55.45			
	155.28	156.89	1.61				as above		
						515' / 56.97			
	156.89	157.69	0.80				as above		
						518' / 57.89			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. SD 7719 SHEET No: 13
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	157.69	157.84	0.15				Sandstone very fine-grained, almost silty sandstone, massive		
	157.84	157.94	0.10				Silty claystone as above		
	157.94	158.67	0.73				Siltstone grey, compact, massive, bedding regular		
					521'	156.06			
62°	158.67	158.82	0.15				as above		
	158.82	159.50	0.68				Silty claystone as silty, claystone above		
					524'	159.72			
	159.50	160.02	0.52				as above, more silty, broken with a few slickensides		
					526'	160.32			
	160.02	160.92	0.90				as above		
					528'	160.93			
	160.92	161.80	0.88				as above		
					531'	161.85			
	161.80	161.92	0.12				as above		
	161.92	162.19	0.27				as above		
					532'	162.15			
	162.19	163.74	1.55				as above		
					537'	163.68			
60°	163.74	164.85	1.11				as above		
					541'	164.90			
	164.85	166.16	1.31				as above		
	166.16	166.42	0.26				as above		
					546'	166.42			
	166.42	167.87	1.45				as above		
					551'	167.94			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7719 SHEET No: 14

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						551' / 67.94			
	167.87	169.47	1.60			Silty claystone	as above		
						556' / 69.47			
	169.47	170.38	0.91				as above		
						559' / 70.38			
60°	170.38	173.00	2.62				as above		
						567 1/2' / 72.97			
	173.00	173.80	0.80				as above		
						571' / 74.04			
	173.80	174.45	0.65				as above		
	174.45	175.40	0.95				as above		
						576' / 75.56			
	175.40	176.57	1.17				as above		
						580' / 76.78			
	176.57	177.08	0.51				as above		
						581' / 77.09			
	177.08	178.61	1.53				as above		
						586' / 78.61			
	178.61	179.88	1.27				as above		
						590' / 79.83			
	179.88	181.44	1.56				as above		
						595' / 81.36			
	181.44	182.71	1.27				as above		
	182.71	183.04	0.33				as above		
						600' / 82.88			
	183.04	184.59	1.55				as above		
						605' / 84.40			
	184.59	186.18	1.59				as above		
						611' / 86.23			
	186.18	186.79	0.61				as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7719 SHEET No: 15

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 44		
	186.79	187.66	0.87				Silty claystone as above		
						616' / 187.76m			
	187.66	189.22	1.56				as above		
						621' / 189.28			
	189.22	190.77	1.55				as above		
						626' / 190.80			
	190.77	190.98	0.21				as above		
							TOP OF BOX 45		
	190.98	191.75	0.77				as above		
						629' / 191.72			
	191.75	193.33	1.58				as above		
						634' / 193.24			
	193.33	194.93	1.60				as above		
						640' / 195.07			
	194.93	195.14	0.21				as above		
							TOP OF BOX 46		
52°	195.14	196.48	1.34				as above		
						645' / 196.60			
	196.48	198.03	1.55				as above		
						650' / 198.12			
	198.03	199.35	1.32				as above		
							TOP OF BOX 47		
	199.35	199.58	0.23				as above		
						655' / 199.64			
	199.58	201.12	1.54				as above		
						660' / 201.17			
	201.12	202.69	1.57				as above		
						665' / 202.69			
	202.69	203.46	0.77				as above,		
							BASE OF HOLE SD 7719		

SAXON PROJECT (SAXON SOUTH)

HOLE NO. 7720 BEARING -- ANGLE 90° TOTAL DEPTH 282.10
 COORDINATES 6013557.6 N 694353.4 E COLLAR ELEVATION 1961.1

Seam No. 2 Elevation of Seam (Base) XX

Seam Interval: 280.47 - 281.96 Base of seam not reached.

True Thickness of Mining Section: 1.46 + Coal _____ Coal _____
 Rock _____ Rock _____

Core Recovery: 100 % _____ %

INTERSEAM THICKNESS: 32.5

Seam No. 3 Elevation of Seam (Base) 1715.3

Seam Interval: 244.40 - 245.84

True Thickness of Mining Section: 1.33 Coal 1.26 Coal _____
 Rock 0.07 Rock _____

Core Recovery: 88 % _____ %

INTERSEAM THICKNESS: 50.0

Seam No. 4 Elevation of Seam (Base) 1764.5

Seam Interval: 186.32 - 196.65

True Thickness of Mining Section: 9.52 Coal 8.44 Coal _____
 Rock 1.08 Rock _____

Core Recovery: 85 % _____ %

INTERSEAM THICKNESS: 50.0

Seam No. 5 Elevation of Seam (Base) 1810.7

Seam Interval: 149.55 - 150.40

True Thickness of Mining Section: (0.85) Coal _____ Coal _____
 Rock _____ Rock _____

Core Recovery: 88 % _____ %

INTERSEAM THICKNESS: 32.57

SAXON PROJECT (SAXON SOUTH)

HOLE NO. 7720 BEARING _____ ANGLE _____ TOTAL DEPTH _____
COORDINATES _____ COLLAR ELEVATION _____

Seam No. 10 Elevation of Seam (Base) 1843.8

Seam Interval: 116.49 - 117.28

True Thickness
of Mining Section: (0.79) Coal 0.77 Coal _____
Rock 0.02 Rock _____

Core Recovery: 100 % _____ %

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness
of Mining Section: _____ Coal _____ Coal _____
Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness
of Mining Section: _____ Coal _____ Coal _____
Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness
of Mining Section: _____ Coal _____ Coal _____
Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS:

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 1
 DATE BEGUN: 5.7.77 DEPTH: 282.24 BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: 900 LOGGED BY: MUS 27.7.77 CORE SIZE: H.Q.



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 1</u>		
	3.75	4.59	0.84				Siltstone grey sandy at base grading to sandstone, core broken weathered		
10 ⁰	4.59	5.41	0.82				Sandstone grey, fine to medium grained, coal and silty laminae weathered	1.66	
						21'/6.4			
14 ⁰	5.41	5.82	0.41				as above		
	5.82	6.15	0.33				Siltstone grey sandy phases weathered	1.64	
	6.15	7.05	0.90				Sandstone grey, fine grained, numerous thin siltstone interbeds	(+2)	
						26'/7.92			
	7.05	7.81	0.76				as above, silty phases bedding partly disturbed (syn sed)		
							<u>TOP OF BOX 2</u>		
	7.81	8.07	0.26				Siltstone dark grey, at base sandy, weathered	1.55	
	8.07	8.60	0.53				Sandstone grey to dark grey, fine grained numerous siltstone interbeds a few coal wisps	(+2)	
						31'/9.45			
	8.60	9.36	0.76				Siltstone grey to dark grey, sandy bands, a few coal streaks, weathered		
	9.36	10.26	0.90				Claystone dark grey, numerous iron claystone nodules, partly carbon plant remains, slightly weathered	1.66	
						36'/10.97			(+14)
	10.26	10.30	0.04				dark grey to black, very carbon, coal streaks (bright)		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	10.30	10.33	0.03				Coal stoney		
		10.41	0.08				bright banded woody lenses bedding surfaces covered with yellowish and brownish weathering colour		
		10.62	0.21				Missing coal and claystone		
		10.69	0.07				Claystone dark grey carbonaceous core broken weathered	1.32	(-21)
18°		11.57	0.88				Sandstone grey, fine grained with medium grained phases thin clay- and siltstone interbeds, fractures partly open calcite crystals		
		11.79	0.22				Claystone dark grey carbonaceous, numerous thin coal bands, sheared, core broken, weathered		
						41' / 12.50			
							TOP OF BOX 3		
		11.87	0.08				Coal stoney, numerous bright bands (eye coal), weathered		
		12.07	0.20				Claystone dark grey to black, very carbon., bright bands		
		12.11	0.04				Coal bright banded		
		12.21	0.10				Coal and claystone interbedded		
		12.24	0.03				Coal bright banded	1.22	(-30)
		12.38	0.14				Claystone dark grey to black, carbon, weathered		
		12.68	0.30				Coal and claystone sheared, core broken, weathered		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	12.68	12.98					Missing		
	12.98	13.02	0.04				Coal stoney with bright bands		
		13.31	0.29				bright banded with stoney bands and woody lenses		
					46' /	14.02			
		13.33	0.03				bright banded, sheared, weathered		
		13.53	0.20				Claystone dark grey, carbonaceous, weathered	1.33	
								(-19)	
		13.58	0.05				Coal and Claystone sheared, core broken		
		13.78	0.20				Missing		
		13.98	0.20				Coal bright banded, sheared		
		14.81	0.85				Claystone grey, light grey patches, silty, rootings		
					51' /	15.54			
		14.94	0.13				as above, core broken		
		15.44	0.50				dark grey to black, carbon, thin coaly interbeds at base extremely fine grained with muscovite flakes		
		15.69	0.25				Coal bright banded stoney interbeds	1.77	
		16.17	0.48				Siltstone grey to light grey, sandy phases, coal streaks, at top argillaceous	(+24)	
							<u>TOP OF BOX 4</u>		
		16.30	0.13				as above, rootings		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 4

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	16.30	16.58	0.28				Sandstone grey fine to medium grained, at top argillaceous rootings		
						56'/17.07			
		16.92	0.34				as above, silty phases, worm burrows		
		17.22	0.30				Claystone grey, iron claystone nodules, at base silty	1.36	
		17.94	0.72				Sandstone grey fine grained argillaceous		
						61'/18.59			
		19.57	1.63				grey, fine grained, in the middle part dark grey, thin siltstone interbeds, coal streaks	1.63	
						66'/20.12			
		20.37	0.80				grey fine grained		
							TOP OF BOX 5	1.28	
		20.53	0.16				as above	-24	
		20.85	0.32				Claystone dark grey, silty bands, iron claystone nodules		
						71'/21.64			
		21.11	0.26				Siltstone grey, claystone interbeds		
		22.56	1.45				Sandstone grey fine grained, silty interbeds, in the middle part claystone interbeds and coal streaks, worm burrows calcite filled fractures and parallel to core axis		
						76'/23.16			
15°		23.02	0.46				grey, fine grained		
		24.02	1.00				grey medium brownish colouring along calcite filled fractures, a few coal streaks		
						81'/24.69			
							TOP OF BOX 6		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	24.02	24.52	0.50				Sandstone as above		
		25.57	1.05				Claystone grey at base grading to siltstone weathered	3.15	(+14)
		26.37	0.80				Sandstone grey, fine, argillaceous at top and at base grading to siltstone		
		27.21	0.84				Claystone grey silty and sandy phases		
					91'/27.74		as above		
		27.82	0.61				as above		
		28.44	0.62				Sandstone grey fine to medium at top silty		
							TOP OF BOX 7		
		28.75	0.31				as above, at base 3 cm claystone with coal bands		
					96'/29.26				
		30.31	1.56				grey to light grey medium grained, in the upper part fine to medium grained with claystone interbeds and coal streaks, calcite filled fractures subparallel to core axis, brownish weathering colour along fractures		
					101'/30.78				
		31.13	0.82				as above, silty laminae at base many coal streaks		
15°		31.74	0.61				Siltstone grey to dark grey, sandy and claystone interbeds		
		31.80	0.06				Claystone grey		
		31.97	0.17				Sandstone grey, fine grained, argillaceous		
					106'/32.31				
		32.75	0.78				as above, silty and claystone interbeds, bedding disturbed by worm burrows and rooting		

HOLE No: 7720 SHEET No: 6

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 8</u>		
	32.75	33.08	0.33				Sandstone as above		
		33.41	0.33				Siltstone dark grey, claystone phases		
		33.82	0.41		111'	33.83	as above, many sandstone interbeds, worm burrows		
		35.04	1.22				Sandstone grey, fine laminated, bedding partly disturbed by bioturbation		
		35.16	0.12		116'	35.36	as above		
		35.82	0.66				Siltstone grey, claystone phases and sandstone interbeds		
		36.54	0.72				Sandstone grey to light grey, medium grained a few small crossbedding units		
		36.80	0.26		121'	36.88	Siltstone grey at top sandstone with siltstone fragments (sedim. breccia) plant remains, iron claystone nodules		
		36.96	0.16				Sandstone grey fine grained		
							<u>TOP OF BOX 9</u>		
		38.14	1.18				grey, medium grained, in the upper part silty interbeds, in the lower part coal wisps		
					126'	38.40			
		38.75	0.61				light grey medium, at base one irregular coal		
24°		39.55	0.80				Siltstone dark grey, numerous clay and fine grained sandstone interbeds coal streaks worm burrows		
					131'	39.93			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	39.55	41.18	1.63				Sandstone	grey fine grained silty interbeds worm burrows		
								bedding partly disturbed by bio. turbation		
						136'/41.45				
								TOP OF BOX 10		
		41.79	0.61					as above		
		42.35	0.56				Claystone	dark grey, iron claystone nodules, few coal wisps, plant remains, slickensides		
						141'/42.98				
		43.50	1.15					dark grey to black, carbonaceous coal streaks plant remains homogeneous at base silty		
		43.95	0.45				Sandstone	grey fine grained laminated bedding disturbed by syn-sedim. movements worm burrows		
						146'/44.50				
		45.25	1.30					as above, sandstone intrusions into silty phases		
								TOP OF BOX 11		
		45.35	0.10					as above, silty		
						151'/46.02				
		46.13	0.78				Claystone	dark grey silty phases coal streaks, plant remains, at base fine grained sandstone interbeds		
		46.86	0.73				Sandstone	grey fine grained argillaceous thin siltstone interbeds bedding partly disturbed by syn-sedim. movements		
						156'/47.55				
		47.38	0.52					grey to light grey, medium grained		
25°		48.31	0.93					grey, fine to medium siltstone interbeds laminated, bedding partly disturbed		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						161'/49.07			
25 ⁰	48.31	49.30	0.99			Sandstone	grey fine grained, numerous thin siltstone interbeds		
							TOP OF BOX 12		
		49.92	0.62				as above		
						166'/50.60			
		50.31	0.39				as above		
		51.23	0.92			Siltstone	grey, sandstone bands		
						171'/52.12			
		52.68	1.45			Sandstone	grey fine to medium grained, numerous thin siltstone interbeds		
		52.88	0.20				as above		
						176'/53.64			
		53.62	0.74			Siltstone	dark grey, claystone phases, plant remains, at base grading to silty claystone		
							TOP OF BOX 13		
		54.22	0.60			Claystone	dark grey, iron claystone nodules		
						181'/55.17			
		55.30	1.08				as above, silty phases, at base carbonaceous		
		55.62	0.32			Coal	thin interbeds of carbon claystone, core broken bright banded with woody lenses		
		55.70	0.08			Missing			
		55.87	0.17			Sandstone	grey, fine grained, at top grading to carbon claystone		
						186'/56.69			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 9

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	55.87	56.27	0.40				Claystone	grey, silty, plant remains		
		56.56	0.29				Sandstone	grey, fine grained		
		57.22	0.66				Siltstone	numerous thin sandstone interbeds, partly argillaceous		
						191' / 58.22				
		57.53	0.31				Sandstone	grey, fine grained		
		57.69	0.16				Siltstone	grey, sandy phases		
							<u>TOP OF BOX 14</u>			
24 ⁰		58.81	1.12				Claystone	dark grey, iron claystone nodules with pyrite and gypsum wisps, coaly bands, plant remains (sagenopteris williamsii, cladophlebis oerstedii or parava or alberta?)		
						196' / 59.74				
		60.13	1.32					as above, partly silty, numerous coal bands		
		60.37	0.24				Sandstone	grey, fine grained, argillaceous, rooting		
						201' / 61.26				
		60.49	0.12				Siltstone	dark grey, argillaceous, rootings		
		61.46	0.97				Sandstone	grey, fine grained, argillaceous, rootings		
		61.90	0.44				Siltstone	grey to dark grey, thin claystone and fine grained sandstone interbeds		
							<u>TOP OF BOX 15</u>			
						206' / 62.79				
		62.07						as above		
		63.00	0.93				Sandstone	grey, fine grained, claystone phases, medium grained		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7720 SHEET No: 10

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							interbeds, bedding partly disturbed by syn sedim, moverments		
	63.00	63.46	0.46				Siltstone grey, sandy phases		
		63.66	0.20		211'	64.31	Claystone dark grey, coal streaks		
		64.58	0.92				Sandstone fine grained thin siltstone interbeds		
		64.78	0.20				Claystone dark grey, plant remains		
		65.12	0.34				Siltstone grey, sandy phases		
		65.32	0.20		216'	65.84	as above		
		65.82	0.50				Sandstone grey, fine grained		
		66.20	0.38				Claystone grey, silty, at top many thin siltstone interbeds		
		66.56	0.36				TOP OF BOX 16 dark grey, at top silty, coal wisps		
		66.75	0.19		221'	67.36	dark grey, silty		
		68.20	1.45				Sandstone grey, fine, argillaceous, many thin siltstone bands		
		69.57	1.37		226'	68.88	Siltstone grey, sandy phases		
		69.79	0.22		231'	70.41	Claystone dark grey, silty		
		70.53	0.74				Siltstone grey at base grading to claystone coal streaks		

DENISON COAL LIMITED

'DIAMOND DRILL CORE LOG

HOLE No. 7720 SHEET No: 11

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 17</u>		
	70.53	71.21	0.68				Claystone dark grey, plant remains, coal streaks, at base silty phases		
					236'	71.93			
		72.69	1.48				as above, plant remains (<i>sagenopteris williamsii</i>)		
					241'	73.46			
		74.69	2.00				as above		
							<u>TOP OF BOX 18</u>		
		75.61	0.92				as above, iron claystone interbeds, partly carbon.		
					251'	76.50			
20°		76.00	0.39				as above		
		77.24	1.24				grey to dark grey, silty and sandy phases, at base grading to siltstone		
					256'	78.03			
		78.15	0.91				Siltstone dark grey, plant remains (<i>sagenopteris williamsii</i>) <i>elatides curvifolia</i> , <i>Nilssonina caudensis</i> or <i>taeniopteris</i> (?)		
		78.20	0.05				Claystone dark grey		
		78.26	0.06				Coal poor		
		78.38	0.12				bright banded "eye coal"		
		78.63	0.25				Claystone dark grey silty		
					261'	79.55			
		78.89	0.26				Sandstone grey, fine grained, argillaceous		
							<u>TOP OF BOX 19</u>		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 12

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	78.89	79.36	0.47				Sandstone as above, rootings		
		80.13	0.77				Claystone dark grey, silty phases, thin coal bands		
		80.46	0.33			266'/81.08	as above		
		80.97	0.51				grey, at base grading to light grey claystone, massive, sandy phases, coalinitic(?)		
		81.50	0.53			271'/82.60	Sandstone grey, fine grained, at top very argillaceous		
		81.72	0.22				as above		
10°		82.98	1.26				Claystone grey, silty phases		
							<u>TOP OF BOX 20</u>		
		83.14	0.16				as above		
		83.82	0.68			276'/84.12	as above, at base grading to siltstone		
		84.57	0.75				Sandstone grey fine grained, at top silty massive		
		85.16	0.59			281'/85.65	as above		
		86.21	1.05				Claystone grey, silty homogenous		
		87.02	0.81			286'/87.17	Siltstone grey, homogeneous, massive, not calcareous		
		87.24	0.22				Sandstone grey, fine grained, massive		
							<u>TOP OF BOX 21</u>		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 13

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	87.24	87.52	0.28				Sandstone as above		
						291'/88.70			
		89.17	1.65				as above, medium grained interbeds		
						296'/90.22			
		90.63	1.43				grey to light grey, fine to medium, in the upper and middle part small cross bedding units in the lower part very regular parallel bedding		
						301'/91.74			
		91.49	0.86				Sandstone grey to light grey, fine to medium grained, constant parallel bedding		
							<u>TOP OF BOX 22</u>		
		92.23	0.74				as above		
						306'/93.27			
		93.62	1.39				as above, in the lower part coarse grained (18cm)		
						311'/94.79			
		95.25	1.63				grey to light grey, medium grained, a few coal streaks in the middle part sedimentary breccia (siltstone fragments)		
						316'/96.32			
10°		95.65	0.40				grey, to light grey, medium		
							<u>TOP OF BOX 23</u>		
		96.73	1.08				as above		
						321'/97.84			
		97.17	0.44				as above		
		97.60	0.43				grey to light grey, coarse grained and pebbly phases coal streaks		
		97.79	0.19				Claystone grey, sandy phases		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 14

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	97.79	98.43	0.64				Sandstone	grey to light grey, medium grained, at base and at top pebble bands, coal streaks		
						326' /	99.36			
		99.67	1.24					grey to light grey, coarse grained, inter calations of pebble-conglomerates, cherty pebbles, light to dark grey, coal streaks		
		99.97	0.30				Missing			
						331' /	100.89			
								<u>TOP OF BOX 24</u>		
		101.33	1.36				Sandstone	grey to light grey, coarse grained, as above		
						336' /	102.41			
		101.57	0.24					as above		
		102.91	1.34				Conglomerate	pebble, sandmat rix medium to coarse grained sandstone interbeds, many irregular shaped coal inclusions, pebbles well rounded, light to dark grey		
						341' /	103.94			
		103.09	0.18					as above		
		103.98	0.89				Sandstone	grey to light grey, coarse grained, medium grained phases, pebble bands, in the upper part irregular shaped coal inclusions		
								<u>TOP OF BOX 25</u>		
		104.57	0.59					grey to light grey, coarse grained, cross bedded		
						346' /	105.46			
		106.08	1.51					light grey, medium to coarse grained, cross bedded coal streaks		
						351' /	106.98			
		107.68	1.60					as above, in the lower part numerous irregular coal interbeds		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 15

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						356' / 108.51			
	107.68	107.86	0.18				as above		
		108.09	0.23				Conglomerate pebble sandy matrix		
		108.24	0.15				Sandstone grey to light grey, coarse grained, many irregular coal inclusions		
							TOP OF BOX 26		
		108.50	0.26				as above		
		108.64	0.14				Conglomerate pebble coal inclusions		
		109.19	0.55				Sandstone grey, coarse grained, many irregular coal inclusions		
		109.35	0.16				Conglomerate pebble sandstone matrix		
						361' / 110.03			
		109.89	0.54				as above, sandstone interbeds		
		110.26	0.37				Sandstone grey to light grey, coarse grained, at base pebble		
		110.90	0.64				light grey, medium to coarse grained, coal streaks		
		110.97	0.07				grey, fine laminated		
						366' / 111.56			
10°		112.39	1.42				as above, medium grained and silty interbeds		
						371' / 113.08			
							TOP OF BOX 27		
		113.34	0.95				grey, fine to medium grained, in the upper part constant parallel thin bedding		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 16

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	113.34	113.85	0.51				Claystone dark grey, silty		
		114.71	0.86			376' / 14.60	as above		
		115.08	0.37				Siltstone grey, claystone phases		
		115.45	0.37				Sandstone grey, fine grained, argillaceous, silty interbeds, thin coal streaks		
		116.05	0.60			381' / 16.13	as above		
		116.35	0.30				Siltstone grey		
		116.49	0.14				Claystone dark grey, thin coal bands, plant remains		
	116.49	116.68	0.19	0.19			Coal dull and bright		
		116.70	0.02	0.02			stoney		
		116.92	0.22	0.22			bright banded		
		117.04	0.12	0.12			bright		
		117.19	0.15				bright banded		
		117.28	0.09				bright		
						386' / 17.65			
12°		117.71	0.43				Siltstone grey, at top carbonaceous (Elatides...)		
		117.89	0.18				Sandstone grey, fine grained		
		118.25	0.36				Claystone dark grey, silty		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 17

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						390' / 118.87			
	118.25	118.39	0.14			Sandstone	grey, fine grained at top grading to siltstone		
250		119.75	1.36			391' / 119.18	grey fine grained numerous thin silty interbeds slickensides partly open and surfaces covered with calcite and quartz crystals		
		120.83	1.08			395' / 120.40	grey fine grained silty phases at base coal streaks		
		121.02	0.19				<u>TOP OF BOX 29</u> as above		
		121.27	0.25			401' / 122.22	Siltstone grey, sandy		
		121.59	0.32				as above		
		122.65	1.06				Claystone dark grey, in the upper part silty, in the lower part carbon with coal bands		
		122.80	0.15			406' / 123.75	Coal bright banded		
		122.85	0.05				poor		
		122.90	0.05				bright banded		
8°		123.08	0.18				Claystone dark grey, carbon.		
		123.50	0.42				Sandstone grey, fine grained, argillaceous, silty phases		
		124.16	0.66			411' / 125.27	Siltstone grey, sandy bands		
		124.33	0.17				as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 19

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	131.12	132.14	1.02				Sandstone grey, fine, argillaceous, silty interbeds		
		132.84	0.70			436' / 32.89	as above		
		133.52	0.68			441' / 34.42	Siltstone grey, sandy phases, compact		
		133.72	0.20				as above		
		133.86	0.14				Missing		
		135.22	1.36				<u>TOP OF BOX 32</u>		
		135.42	0.20			446' / 37.94	Sandstone grey, fine, numerous dark grey siltstone interbeds		
		135.66	0.24				as above		
		136.66	1.00			451' / 37.46	Siltstone Claystone dark grey, at top silty		
		137.94	1.28				dark grey, partly carbon, thin coal bands, plant remains, CaCo3 covered slickensides, sandy phases		
		137.94	0.25				<u>TOP OF BOX 33</u>		
		138.19	0.19			456' / 38.99	Missing block and coal		
		138.38	0.13				Coal bright banded		
		138.51	0.11				Claystone dark grey to black, carb., numerous thin coal interbeds		
		138.62	0.13				Coal bright banded, woody lenses		
		138.75	0.13				Claystone dark grey and carb.		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 20

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	138.75	138.89	0.14				Coal	bright banded		
	138.89	139.11	0.22				Claystone			
	139.11	139.19	0.08				Coal	bright		
		139.47	0.28				Claystone	at base carb. with thin coal interbeds		
6°		139.68	0.21				Sandstone	grey, fine to medium		
					461'	140.51				
10°		141.23	1.55					grey, medium thin coaly into beds and coal wisps		
					466'	142.04				
		142.16	0.93					as above, coarse grained phases		
								TOP OF BOX 34		
	142.16	142.62	0.46					as above		
		142.75	0.13		471'	143.56	Missing			
		143.15	0.40					as above irregular shaped siltstone fragments (sedimentary breccia)		
		143.63	0.48					grey fine, many dark grey thin silted interbeds		
		143.69	0.06				Claystone	dark grey to black, carb., and pour coal		
		143.82	0.13				Sandstone	grey fine argillateceous		
		144.29	0.47				Claystone	dark grey at top silty at base carb with many thin coal interlayers		
					476'	145.08				
		144.97	0.68					dark grey, at top carb. with coal into beds silty phases, plant remains (Madophlebis)		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 21

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
		145.74	0.77				Sandstone grey fine to medium thin coaly interbeds and laminae		
		145.82	0.08				Missing		
					481' /	46.61			
		146.42	0.60				grey, fine to medium, argillaceous, CaCo3 filled fractures parallel bedding		
							<u>TOP OF BOX 35</u>		
		147.30	0.88				as above, coal streaks		
		147.39	0.09				Claystone dark grey, coal streaks		
					486' /	48.13			
		148.54	1.15				dark grey, at top and base thin coal into beds partly carb., plant remains		
		148.61	0.07				Missing		
		148.88	0.27				Sandstone grey, fine at base, claystone with coal interbeds		
					491' /	49.66			
		149.06	0.18				Siltstone grey		
		149.27	0.21				Claystone dark grey plant fossile (Nilssonina)		
	149.27	149.34	0.07				Coal bright and poor		
		149.55	0.21				Claystone dark grey, carb.		
	149.55	149.74	0.19				Coal dull and bright		
		150.00	0.26				dull and bright		
		150.30	0.30				dull banded, sheared, care broken into beds of poor coal		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 22
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	150.30	150.60	0.10				Missing		
		150.62	0.22				Claystone		
					496'	151.18	dark grey to black, thin coal interbeds		
							TOP OF BOX 36		
		152.08	1.46				as above, in the lower part silty phases		
					501'	152.70			
		152.19	0.11				grey, silty		
		153.22	1.03				Siltstone		
							grey, thin claystone into beds through out		
		153.72	0.50				Sandstone		
					506'	154.23	grey, fine, one CaCo ₃ filled fracture (13°), thin silty into beds, small crossbedding units		
		154.29	0.57				as above		
		155.05	0.76				Siltstone		
							grey		
							TOP OF BOX 37		
					511'	155.75			
		155.11	0.06				as above		
		155.99	0.88				Claystone		
							grey, silty in an claystone nodules		
		156.47	0.48				Sandstone		
							grey, fine to medium, at base grading into siltstone		
		156.69	0.22				Siltstone		
							grey, at base grading into silty claystone		
					516'	157.28			
		156.86	0.17				Claystone		
							grey, silty		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 23

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	156.86	157.89	1.03				Siltstone grey, thin fine grained sandstone interbeds		
		158.22	0.33				Sandstone grey fine, argillaceous, at top silty		
		159.32	1.10		521' /	158.80	grey, fine, argillaceous plant remains		
							<u>TOP OF BOX 38</u>		
		159.78	0.46				as above		
		161.22	1.44		526' /	160.32	as above, partly well laminated		
		162.77	1.55		531' /	161.85	as above, medium-grained intercalations		
		162.99	0.22		536' /	163.37	as above		
		163.30	0.31				grey to light grey, medium		
							<u>TOP OF BOX 39</u>		
	163.30	164.19	0.89				as above		
		165.79	1.60		541' /	164.90	as above, coarse grained phases, at base irregular siltstone interbed		
10°		167.28	1.49		546' /	166.42	as above, thin silty into beds, at base coarse grained phases		
		167.51	0.23		551' /	167.94	as above		
							<u>TOP OF BOX 40</u>		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 24

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	167.51	168.90	1.39				as above, at base numerous coaly wisps		
13°		170.23	1.33			556' / 169.47	as above, numerous thin silty into beds throughout		
		171.71	1.48			561' / 170.99	as above, at base thin coaly wisps		
		171.80	0.09			Missing			
							<u>TOP OF BOX 41</u>		
		171.93	0.13			566' / 172.51	as above		
		173.42	1.49			571' / 174.04	as above		
		175.07	1.65				as above, in the middle part CaCo3 filled fractures breccia (2cm)		
		176.11	1.04			576' / 175.56	grey, fine, argillaceous, thin silty, interbeds		
							<u>TOP OF BOX 42</u>		
	176.11		0.39			581' / 177.09	as above		
	176.50		1.50				as above, siltstone phases at base irregular coal inclusions with CaCo3 filled veins		
						586' / 178.61			
	178.00	178.06	0.06			Coal	bright banded		
		178.16	0.10			Missing			
		179.40	1.24			Siltstone	grey sandy, bedding partly disturbed, few thin coal inclusions, CaCo3 filled fractures		
						571' / 180.14			
		180.18	0.78			Sandstone	grey, fine, numerous thin siltstone interbeds throughout		

HOLE No: 7720 SHEET No: 25

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
							<u>TOP OF BOX 43</u>			
	181.01	0.83					as above			
	181.24	0.23			596' /	181.66	as above			
25°	182.44	1.20				Siltstone	dark grey coaly wisps, claystone into beds plant fossils (Gingho, Pluripartita, Elaphides)			
	182.90	0.46			601' /	183.18	Claystone	dark grey, silty, at top grading into siltstone		
	182.90	183.82	0.92				Siltstone	grey, numerous coaly wisps, thin claystone interbeds bedding partly disturbed by slumping		

DENISON COAL LIMITED

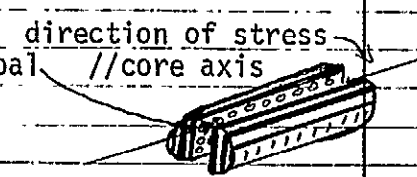
DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 26

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						SEAM #4			
							TOP OF BOX 44		
	183.82	184.56	0.74				Claystone dark grey, carbonaceous with coaly wisps; discontinuous calcite hair thin growths at 0.46-0.50 m		
						611' /	86.23		
		185.98	1.42				as above; coal bands at 0.19; ibdd clyst. coal at 0.23-0.26 - bright banded coal 0.46-0.48, oolitic looking opthalmic (eye coal) 0.825-0.925, bright banded vitrain apparently char. of minimum stress tectonism sampled; coal stringers at 0.975, 1.075; 1.11-1.20 bright banded		
						616' /	87.75		
		186.14	0.16				as above with 1mm th bright coal bands		
	186.14	186.32	0.18			Missing	claystone		
	186.32	186.65	0.33	0.30		Coal	dull (metallic)/bright (vitrain eye coal mainly at lower half of core) bottom .02m highly broken core		
							0.24m gap (empty) to end of 5'		
		186.99	0.34	0.31			bright banded		
	186.99	187.11	0.12	0.11			Claystone dark grey, carbonaceous		
					4-1-1				
	187.11	187.22	0.11	0.10	866		Coal bright banded vitrain eye coal		
					4/8/77				
		187.28	0.06	0.05			dull		
		187.39	0.11	0.10			bright banded		
						621' /	89.28		
		187.42	0.03	0.03			bright banded		
	187.42	187.59	0.17	0.15		ibdd	bright banded coal and claystone		



← of coal
of rock

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 27

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	187.59	187.74	0.15	0.14	↑ 4-2-1 867 4/8/77 ↓	Coal	bright		
		187.83	0.09	0.08		bright banded			
		187.94	0.11	0.10		dull banded			
		188.03	0.09	0.08		dull/bright			
		188.12	0.09	0.08		bright banded	TOP OF BOX 45		
		188.18	0.06	0.05		dull/bright			
		188.23	0.05	0.05		dull, metallic			
		188.38	0.15	0.14		dull banded			
		188.46	0.08	0.17		bright banded			
		188.78	0.32	0.29		dull banded (broken core)			
	188.78	188.89	0.11	0.10	Missing	coal			
					626' /	90.80			
		189.00	0.11	0.10	↑	Coal	dull/bright		
		189.08	0.08	0.07			dull (fusain woody sooty) banded broken core		
		189.12	0.04	0.04			pulverized		
	189.12	189.42	0.30	0.27	4-2-2	Missing	coal		
		189.53	0.11	0.10	868	Coal	dull banded/broken core		
					4/8/77				
		189.58	0.05	0.05			bright banded		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 28

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	189.58	189.70	0.12	0.11	↑		Coal	dull (hard sooty)/bright		
		189.73	0.03	0.03				dull, hard		
		189.90	0.17	0.15				dull/bright (highly broken core)		
	189.90	190.16	0.26	0.24			Missing Coal			
		190.27	0.11	0.10				dull (metallic) banded		
		190.37	0.10	0.09				dull banded		
		190.56	0.19	0.17	4-2-2 868			dull/bright		
		190.61	0.05	0.05	4/8/77			dull/bright; ground core and chips, chunks		
	190.61	190.85	0.24	0.22			Missing coal			
		190.89	0.04	0.04				bright		
		190.94	0.05	0.05				dull, metallic		
		191.22	0.28	0.25				bright banded		
		191.27	0.05	0.05				dull (metallic) banded		
	191.27	191.37	0.10	0.09			Missing coal			
		191.55	0.18	0.16	✕		Coal	bright, upper. part ground core to chunks, chips, vitrain cubes		
						631'//	192.32			
		192.90	1.35	1.22				bright banded; solid core		
					4-2-3 869	635'//	193.55			
		193.09	0.19	0.17	4/8/77			bright banded, base broken core		
	193.09	193.18	0.09	0.08	↓		Missing coal			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 29

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 46		
	193.18	193.37	0.19	0.17	↑		Coal	bright banded	
		193.46	0.09	0.08				dull (hard) banded	
		193.50	0.04	0.04				sheared	
		193.60	0.10	0.09	4-3-1 870			pulverized	
	193.60	193.87	0.27	0.24			Missing coal		
		194.01	0.14	0.13			Coal	dull/bright	
	194.01	194.10	0.09	0.08			Claystone	black carbonaceous w/ 1/2cm thick bright coal bands	
	194.10	194.16	0.06	0.05			Missing	coal	
		194.32	0.16	0.15	↓		Coal	bright banded; bottom; top broken	
						639' /	194.76		
	194.32	194.62	0.30	0.27	4-4-1 871	4/8/77	Claystone	black carbonaceous w/ ibdd coal bands at 15-20, 29-30m, - sharp contact razore edge	
	194.62	194.80	0.18	0.16			Coal	bright banded to bright	
		194.84	0.04	0.04	4-5-1 872	641' /	195.30	bright	
		194.88	0.04	0.04	4/8/77			interbeded claystone and coal (vitrain)	
	194.88	195.06	0.18	0.16	↑		Claystone	black carbonaceous w/ thin coal bands	
		195.15	0.09	0.08			Claystone	black sheared, listric surfaced base w/ .04 sheared coal	
		195.24	0.09	0.08	4-6-1 873		"	"	
					4/8/77				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 30

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	195.24	195.28	0.04	0.04	X		interbedded claystone and coal (vitrain)		
		195.53	0.25	0.23			Coal dull/bright		
		195.70	0.17	0.15	4-7-1				
	195.70	195.82	0.12	0.11	874		Missing coal		
		195.86	0.04	0.04	4/8/77		Coal dull, earthy		
		196.24	0.38	0.34	∇		bright banded - sharp contact-		
	196.24	196.29	0.05	0.05	↑		interbedded claystone and coal (vitrain)		
	196.29	196.40	0.11	0.10			Claystone black, carbonaceous		
	196.40	196.44	0.04	0.04	4-8-1		outerbedded claystone and coal (vitrain) - sharp contact -		
	196.44	196.47	0.07	0.06	875		Coal bright banded		
					4/8/77	646' / 196.90			
		196.52	0.05	0.05			interbedded claystone and coal (vitrain)		
	196.52	196.55	0.03	0.03			Coal bright banded		
		196.59	0.04	0.04			interbedded claystone and coal (vitrain)		
	196.59	196.65	0.06	0.05	∇		Coal bright		
	196.65	197.32	0.67	0.61			Claystone black, carbonaceous, upper part slightly sheared - blended contact -		
		197.73	0.41	0.37			Sandstone light grey, medium grained		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 31

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M. : _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT. : _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 47</u>		
	197.73	197.86	0.13				Sandstone	grey, medium	
					651'	198.42			
25 ⁰		198.22	0.36					as above	
		198.75	0.53				Claystone	dark grey, iron claystone, nodules, in the middle part sandy phases	
		199.45	0.70				Sandstone	fine grained, in the lower part thin intercalations of dark grey claystone	
					656'	199.95			
		200.41	0.96					grey, fine laminated at base grading into siltstone	
		200.60	0.25				Claystone	dark grey, partly silty, plant remains (Elathides lurvifolsa)	
		200.84	0.18				Sandstone	grey, fine, argillaceous	
					661'	201.47			
		201.45	0.61					as above	
		201.98	0.53				Claystone	dark grey, silty phases	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 32

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 48		
		202.02	0.04				dark grey, carb. coal bands		
		202.38	0.36				Sandstone grey fine, argillaceous, bedding disturbed by slumping at base, thin coal interbeds		
						666'/203.00			
		202.80	0.42				Claystone dark grey, plant remains* silty bands (*Nilssonina) coal inclusions		
		203.04	0.24				Coal bright banded		
		203.09	0.05				Claystone dark grey to black, numerous coal laminae		
		203.14	0.05				dark grey to black, carb.		
						668'/203.76			
		203.21	0.07				dark grey, grading into fine grained sandstone		
		203.78	0.57				Sandstone grey fine thin siltstone interbeds		
						671'/204.52			
		204.11	0.33				as above		
		204.26	0.15				Claystone dark grey to black, carbon, coal interbeds		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 33

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	204.26	205.33	1.07				Sandstone	grey, fine to medium at base, medium at top thin siltstone interbeds, coaly wisps throughout		
						676' /	206.04			
		205.78	0.15					grey, medium, coaly wisps		
		205.98	0.50					grey, fine, claystone interbeds, partly laminated, at top one coal band (1cm)		
		206.08	0.10					Missing		
								TOP OF BOX 49		
		208.88	0.80					grey, fine, argillaceous, silty bands and phases		
						681' /	207.57			
		208.20	1.40					grey, fine, numerous dark grey clay and siltstone thin interbeds, partly well laminated, in the middle part convolute bedding		
						686' /	209.09			
		209.41	1.21					grey, fine, laminated		
		209.82	0.41					Claystone	dark grey, thin, siltstone interbeds	
						691' /	210.62			
		210.14	0.32					dark grey, silty		
								TOP OF BOX 50		
		210.24	0.10					as above		
		211.09	0.85					Sandstone	grey, fine, very thin CaCo3 filled fractures. subparallel to core axis	
		211.38	0.29					Siltstone		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 34

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						696'/212.14			
211.38	213.02	1.64				Claystone	dark grey in the upper part, silty in the middle and lower part, coal bands and carb at base rootings		
	213.29	0.27				701'/213.66	dark grey, carb., at base grading into fine grained sandstone		
	214.43	1.14				Sandstone	grey, fine, dark grey silty interbeds, partly laminated, coaly wisps		
						706'/215.19	TOP OF BOX 51		
	214.70	0.27				Claystone	dark grey, silty, sandy phases, irregular coal inclusions		
	215.82	1.12				Sandstone	grey, fine to medium, thin, silty interbeds, coal wisps		
	215.92	0.10				Missing			
	217.49	1.57				711'/216.71	as above, irregular coal inclusions		
	217.72	0.23				716'/218.24	as above		
	218.02	0.30				Claystone	dark grey, silty, coal bands		
	218.31	0.29				Siltstone	dark grey thin claystone and sandy interbeds		
	218.69	0.38				Sandstone	grey, fine, argillaceous, numerous siltstone		
	218.88	0.19				Missing			
							TOP OF BOX 52		

DENISON COAL LIMITED

'DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 35

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	218.88	218.97	0.09				Siltstone grey		
						721' /	219.76		
	218.97	219.28	0.31				Sandstone grey, fine, silty phases		
	219.28	219.52	0.24				Siltstone grey to dark grey, at top sandy phases		
	219.52	220.37	0.85				Claystone dark grey, homogeneous		
						726' /	221.28		
	220.37	220.43	0.06				dark grey, carb.		
		220.50	0.10				Missing		
		220.60	0.07				Coal poor with bright bands		
		220.66	0.06				dull and bright		
		220.71	0.05				poor		
		220.91	0.20				Missing		
		221.03	0.12				Claystone dark grey to black carb. coal bands, slickensides		
		221.47	0.44				dark grey at base grading into sandstone		
		221.85	0.38				Sandstone grey, fine to medium		
						731' /	227.81		
5°		223.10	1.25				grey, fine to medium, numerous thin siltstone interbeds		
							TOP OF BOX 53		
		223.48	0.38				as above		
						736' /	224.33		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 36

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	223.48	224.78	1.30				as above		
		226.41	1.63			741' / 225.86	as above, in the middle part siltstone prominent, at base (2cm) extremely fine grained, grey, soft rock (coalinidie)		
		226.54	0.13			746' / 227.38	Claystone light grey to grey (sample)		
		227.20	0.66				Sandstone grey, fine, numerous thin siltstone interbeds		
		227.40	0.20				Missing		
		228.07	0.67				TOP OF BOX 54 Grey, fine to medium small crossbedding units		
		229.65	1.58			751' / 228.90	as above, thin silty interbeds		
		231.05	1.40			756' / 230.43	as above, coaly inclusions in the lower part, coal band (bright, 3cm)		
		231.56	0.51			761' / 231.95	grey, fine, claystone intercalations		
		231.66	0.10				Missing		
		232.72	1.06				TOP OF BOX 55 as above, medium grained phases		
		234.08	1.36			766' / 233.48	grey, fine to medium, in the upper part siltstone intercalations, coaly wisps in the lower part, medium grained sandstone prominent		
		234.18	0.10				Missing		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 37

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	234.18	235.78	1.60			771'/235.00	grey to light grey, medium in the lower part, medium to coarse grained, coal wisps		
						776'/236.52			
		235.86	0.08				grey to dark grey, medium to coarse grained, many coal interbeds		
							TOP OF BOX 56		
		235.96	0.10				Missing		
		237.31	1.35				grey to light grey, medium to coarse grained, few coaly wisps		
						781'/238.05			
		238.95	1.64				as above, irregular shaped siltstone fragment		
						785'/239.57			
		240.17	1.22				as above, in the middle part coal wisps, at the top one coal band		
		240.74	0.57				Missing		


DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 38

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	#3 seam ———	DESCRIPTION	RECOVERY	
	From	To	Thick.	True					m.Rec.	%
								TOP OF BOX 57		
	240.74		0.13					Sandstone light grey, medium grained, massive		
						791'/241.10				
	240.87		0.45					as above, at 0.38-0.42 m 30° dip fracture w/ slickensided coal		
	241.32		0.07					light grey, coarse grained to conglomeratic contact; blended, paralleled by coaly wisps		
	241.39		0.10					sedimentary breccia or granule conglomerate		
								light grained coal stringer at 0.04 m. - semi regular contact-		
25°	241.40		0.90					Sandstone light grey, fine grained with carbonaceous laminations an. claystone band		
						796'/242.62				
25°	242.39		1.42					as above; driller's marker off		
						801'/244.14				
	243.81		0.36					as above basal, contact +15° 		
	244.17		0.23					Claystone black, carbonaceous with coaly bands, silty near top contact w/coal, bleached whitish grey ±5°		
	244.40	244.67	0.27	0.25				Coal dull sooty woody fusain/ bright vitrain at 0.20 broken core		
		244.77	0.10	0.09				Missing coal		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 39

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
					↑		TOP OF BOX 58		
	244.77	244.90	0.13	0.12			Coal dull/bright rod like surfaces of broken core shearing effect		
		245.00	0.10	0.09			dull (metallic) banded		
		245.04	0.04	0.04			bright		
	245.04	245.08	0.04	0.04	3-1-1		Claystone dark grey, carbonaceous w/1mm th. coal band (misplaced core by driller?)		
		245.23	0.15	0.14	876		Coal dull/bright, sheared, rod like as sketched above		
		245.28	0.05	0.05	7/8/77		bright		
	245.28	245.31	0.03	0.03			Claystone dark grey carbonaceous w/ 1mm coal band at base		
	245.31	245.38	0.07	0.06			Missing coal		
		245.46	0.08	0.07			Coal dull/bright highly broken core, chunks		
		245.68	0.22	0.20			dull/bright		
		245.84	0.16	0.15			bright banded		
						807.6'	246.16		
	245.84	246.06	0.22	0.20			Claystone black, carbonaceous, w/odd coal bands -sharp contact-		
	246.06	246.11	0.05	0.05			Coal bright (vitrain), 0.21m gap empty on core box to end 5'		
	246.11	246.17	0.06	0.06			Missing coal		
		246.86	0.69	0.64			Claystone black, carbonaceous, top broken, sandy phases at 0.30 - 0.45 m		
						811'	247.19		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 40

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						811'/247.19			
	246.86	246.94	0.08	0.07		Coal	dull (had)/bright		
		248.43	1.49	1.38		Claystone	black, carbonaceous sandy, silty phases at 0.40-0.77m, 1/2m vitrain band (cubes) at 1.16m		
		248.48	0.05	0.05		Sandstone	light grey, fine grained with carbonaceous wisps and black discontinuous claystone bands		
20°		248.82	0.39	0.36		816'/248.72	as above		
							<u>TOP OF BOX 59</u>		
		249.86	1.04				grey, fine, many thin siltstone interbeds, in the lower part sed. breccia		
		251.15	1.29			821'/250.24	grey, fine to medium, many irregular shaped siltstone fragments, and breccia		
		252.70	1.55			826'/251.76	grey, medium at top sed. breccia, one CaCo3 filled fracture subparallel to core axis		
						831'/253.29			
							<u>TOP OF BOX 60</u>		
		254.27	1.57				as above, cross bedded		
		255.70	1.43			836'/254.81	as above		
		255.80	0.10			841'/256.34	Missing		
		257.05	1.25				as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 41

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 61		
	257.05	257.38	0.33				as above		
						846' / 257.86			
		257.89	0.51				grey, medium coarse grained phases, many irregular coal inclusions		
		258.01	0.12				Sed. breccia matrix coarse grained sandstone		
23 ⁰		258.83	0.82				grey, fine, dark grey siltstone interbeds		
						851' / 259.38			
		259.24	0.41				as above		
		259.96	0.72				grey to light grey, medium		
		260.03	0.07				Conglomerate pebble, cherty pebbles, rounded medium - coarse grained matrix		
		260.46	0.43				Sandstone grey to light grey, medium, few coal streaks, few well rounded cherty pebbles		
							TOP OF BOX 62		
		261.97	0.83				as above, increase of pebbles		
						861' / 262.43			
		263.52	1.55				Conglomerate pebble, in the upper part coarse grained sandstone matrix, pebbles very densely packed, cherty well round white, grey, black and greenish, size up to 3 Ø		
						866' / 263.96			
		264.84	1.32				as above		
		264.97	0.13				Siltstone dark grey		
						871' / 265.48			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 42

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	264.97	265.44	0.47				Claystone dark grey, numerous silty bands		
							TOP OF BOX 63		
		266.05	0.61				as above		
8°		266.52	0.47				Sandstone grey, fine, laminated		
		266.56	0.04				Siltstone grey to dark grey		
					876'	267.00			
		266.99	0.43				as above, sandy bands and phases		
		267.19	0.20				Sandstone grey, fine, laminated, numerous siltstone interbeds		
		267.93	0.74				grey, fine to medium, small crossbedding units		
					881'	268.53			
		268.09	0.16				Missing		
30°		269.59	1.50				grey, fine to medium few coaly laminae and interbeds		
					886'	270.05			
							TOP OF BOX 64		
13°		271.08	1.49				grey, medium, fine grained interbeds in the upper part, bedding disturbed, one coaly interbed with slickensides and one partly open fracture covered by CaCo3 and SiO2 crystals		
					891'	271.58			
		272.67	1.59				Sandstone grey to light grey, medium, small crossbedding of base thick, coaly interbeds		
					896'	273.10			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 43

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	273.67	273.96	1.29				grey to light grey, medium, at top as a base, in the middle part (38m) very homogenous, in the lower part constant parallel bedding		
							TOP OF BOX 65		
	274.14		0.18			901' / 274.62	as above		
	275.72		1.58			906' / 276.15	as above, few crossbedding units		
	277.17		1.45			911' / 277.67	as above, at base one coal band and coaly wisps		
	277.34		0.17				as above		
	278.15		0.81				Siltstone grey, sandy in the upper part, numerous sandstone interbeds, coal inclusions		
							TOP OF BOX 66		
	278.80		0.65			916' / 279.20	grey, claystone interbeds, plant remains (ELA th IDEs)		
	280.17		1.37				Claystone dark grey, partly silty, plant fossils (Nilssonian canadensis)		
						921' / 280.72	as above		
	280.22		0.05				as above		
	280.47		0.25				Claystone dark grey to black, carb., coal and drilling mud, core broken		
	280.47	281.10	0.63	0.61	2-1-1	6/8/77 Coal	partly coke (water problems during drilling)		
						923' / 281.33			
	281.22		0.12	0.12	↑	Coal	bright banded		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7720 SHEET No: 46

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	281.22	281.36	0.14	0.14			dull/banded, metallic lustre		
		281.50	0.14	0.14	2-2-1 847		dull and bright		
		281.63	0.13	0.13	6/8/77		dull banded		
		281'96	0.33	0.32	↓		bright banded		
	281.96	282.01	0.05	0.05		Claystone	dark grey to black, coal bands, poor coal		
		282.10	0.09	0.09		926'/282.24	dark grey to black, carb.		
NOTE: hole not completed because of drilling problems no water circulation									

SAXON PROJECT (SAXON SOUTH)

HOLE NO. 7721 BEARING -- ANGLE 90° TOTAL DEPTH 144.80
COORDINATES 6014582.0 N 693990.6 E COLLAR ELEVATION 2096.5

Seam No. 1 Elevation of Seam (Base) 1980.2
Seam Interval: 111.84 - 116.30
True Thickness of Mining Section: 3.44 Coal 3.24 Coal
Rock 0.20 Rock
Core Recovery: 68 % %

INTERSEAM THICKNESS: 18.1

Seam No. 2 Elevation of Seam (Base) 2008.8
Seam Interval: 79.60 - 87.74
True Thickness of Mining Section: 6.05 Coal 5.48 Coal
Rock 0.57 Rock
Core Recovery: 98 % %

INTERSEAM THICKNESS: 28.5

Seam No. 3 Elevation of Seam (Base) 2057.1
Seam Interval: 36.68 - 39.37
True Thickness of Mining Section: 2.20 Coal 1.61 Coal
Rock 0.59 Rock
Core Recovery: 71 % %

INTERSEAM THICKNESS:

Seam No. Elevation of Seam (Base)
Seam Interval:
True Thickness of Mining Section: Coal Coal
Rock Rock

Core Recovery: % %

INTERSEAM THICKNESS:

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7721 SHEET No: 1

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: 90° LOGGED BY: J. Perry CORE SIZE: H.Q.



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	0.00	3.10	3.10				Casing	no core recovered		
							TOP OF BOX 1			
	3.10	3.96	0.86				Sandstone	med. grey, fine to med. grained, core broken		
						13' / 3.96				
30°	3.96	4.18	0.22				Core loss	rock		
	4.18	5.66	1.48					as above, thinly laminated with claystone		
								and argillaceous bands, small scale X-beds and		
								occasional ripples and burrows		
						18' / 5.49				
	5.66	6.33	0.67					as above, many thin claystone and siltstone bands		
								interbedded with the sandstone, some soft		
								sediment deformation in the centre		
	6.33	6.49	0.16				Siltstone	med. grey laminated with equally thick claystone		
								bands		
						21' / 6.40				
	6.49	7.39	0.90				Claystone	dark grey, carbonaceous at base with bright coal		
								laminae, siltstone bands at top		
								TOP OF BOX 2		
	7.39	7.58	0.19					as above		
						25' / 7.62				
	7.58	7.95	0.37					as above, some thin sandy phases near top,		
								occasional thin coal bands		
	7.95	7.98	0.03				Coal	d.l., slightly sheared, heavily broken		
	7.98	8.06	0.08					dull, slightly sheared, heavily broken		
	8.06	8.12	0.06					bright, slightly sheared, heavily broken		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7721 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	8.12	8.17	0.05				dull, slightly sheared, heavily broken		
	8.17	8.22	0.05				sheared, heavily broken		
	8.22	8.27	0.05				dull and bright		
	8.27	8.32	0.05				sheared		
	8.32	8.34	0.02			Claystone	dark grey, carbonaceous		
	8.34	8.36	0.02			Coal	sheared		
	8.36	8.40	0.04			Core loss	coal		
20°	8.40	8.85	0.45			Claystone	dark grey, carbonaceous at top, thin sandstone interbeds towards base and occasional coal bands, broken at base		
	8.85	9.27	0.42			Sandstone	med. grey, fine grained, silty, calcite veins with voids at top and centre. Possibly in tectonic contact with overlying unit, as breccia development is present within calcite vein at the broken contact		
						30'/9.14			
	9.27	9.46	0.19			Claystone	dark grey; some siltstone bands, broken		
34°	9.46	10.73	1.27			Sandstone	as above, with some argillaceous laminae, although essentially massive, occasional calcite veins with spar development		
						35'/10.67			
	10.73	11.70	0.97			Sandstone	med. grey, med. grained with fine grained layers argillaceous laminae in top half, feldspathic and somewhat porous at base, core broken and Fe stained in lower half		
							<u>TOP OF BOX 3</u>		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG



HOLE N721 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	11.70	12.28	0.58				Sandstone med. grey and med. grained, massive, occasional calcite veins, core broken		
						40'/12.19			
	12.28	13.14	0.86				as above, massive at top, argillaceous laminae throughout most of unit, coarse grained with med scale X-bedding at base		
						43'/13.11			
	13.14	14.65	1.51				as above, Fe stained in places, occasional calcite veins with spar calcite on some fracture surfaces		
						48'/14.63			
	14.65	15.82	1.17				as above, occasional claystone bands and claystone clasts at base, calcite veins with spar development and voids		
33°	15.82	16.10	0.28				Sandstone light grey, fine grained, many claystone bands but massive at top and base		
							TOP OF BOX 4		
	16.10	16.18	0.08				as above		
						53'/16.15			
	16.18	16.70	0.52				Sandstone med. to dark grey, med. grained, possibly kaolinitic in centre, massive		
	16.70	16.79	0.09				Kaolinite light grey, soft, several claystone clasts		
34°	16.79	17.70	0.91				Sandstone med. grey, med. grained, argillaceous laminae, 0.04m claystone layer near top, occasional calcite veins		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7721 SHEET No: 4

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M. : _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT. : _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						58'/17.68			
	17.70	18.53	0.83				as above, occasional carbonaceous stringers, silty band near base		
						61'/18.59			
	18.53	19.14	0.61				as above, some coarse, feldspathic sandstone bands		
	19.14	20.14	1.00			Sandstone	med. grey, coarse grained, feldspathic, slightly porous, thin coal bands throughout and discrete zones rich in coaly stringers, occasional calcite veins with voids, core broken		
						66'/20.12			
	20.14	20.40	0.26				as above		
	20.40	21.42	1.02				as above, <u>TOP OF BOX 5</u> thick, discontinuous, irregular coal bands in lower half, where core is also broken		
						71'/21.64			
	21.42	23.06	1.64				as above, coal stringers and bands restricted to centre where core is again broken		
						76'/23.16			
	23.06	24.66	1.60				as above, coal bands and stringers and broken core, at base occasional fine to med. grained sandstone bands		
						81'/24.69			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7721 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 6		
	24.66	24.99	0.33				as above		
35°	24.99	25.91	0.92			Sandstone	med. grey, med. to fine grained, banded, many argillaceous laminae and occasional claystone bands, siltstone layer in centre		
	25.91	26.22	0.31			Siltstone	med. grey, many thin, fine grained sandstone bands		
						86'/25.21	as above		
	26.22	26.33	0.11				as above		
	26.33	27.81	1.48			Sandstone	med. grained, fine grained, argillaceous laminae, claystone and siltstone bands, silty sandstone towards base, small scale X-bedding		
						91'/27.74			
35°	27.81	28.24	0.43			Siltstone	med. grey, equal amounts of fine grained sandstone bands		
	28.24	28.64	0.40			Sandstone	med. grey, med. grained argillaceous and fine grained sandstone bands, medium scale X-bedding		
							TOP OF BOX 7		
	28.64	29.26	0.62				as above, more regularly bedded		
						96'/29.26			
	29.26	30.75	1.49				as above, more massive than above with argillaceous laminae only at top, some thin carbonaceous stringers, large joint near base, surface smooth, regular CA=0°, calcite veins with voids		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7721 SHEET No: 6

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						101'/30.78			
32°	30.75	32.32	1.57				as above, a thin band containing small claystone clasts at base; occasional calcite veins with voids joint near base; surfaced smooth but curved, CA=5°		
						106'/32.31			
	32.32	32.82	0.50				as above, argillaceous bands increase towards base, medium scale X-bedding		
							<u>TOP OF BOX 8</u>		
	32.82	33.58	0.76				as above, many silty bands at base		
	33.58	33.89	0.31			Siltstone	dark grey sandstone bands		
						111'/33.83			
	33.89	35.42	1.53				as above, many sandstone bands in lower half, sandstone layer at centre, some burrowing, calcite veins near base		
						116'/35.36			
	35.42	36.28	0.86			Sandstone	med. grey, fine grained, many siltstone bands, burrows		
35°	36.28	36.52	0.24	0.20		Siltstone	dark grey, thin sandstone bands		
	36.52	36.54	0.02	0.02		Coal	pulverized		
	36.54	36.68	0.14	0.12		Silty sandstone	med. grey, fine grained		
						121'/36.88			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7721 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	36.68	36.71	0.03	0.02	↑		Core loss coal		
	36.71	36.75	0.04	0.03			Coal bright banded, broken		
	36.75	36.84	0.09	0.08			bright banded; unbroken		
	36.84	36.90	0.06	0.05			Claystone dark grey, carbonaceous, sheared		
	36.90	37.00	0.10	0.08			Core loss rock		
	37.00	37.14	0.14	0.12			Core loss coal		
	37.14	37.19	0.05	0.04			Coal sheared		
							TOP OF BOX 9		
	37.19	37.23	0.04	0.03	3-1-1		sheared		
	37.23	37.33	0.10	0.08	828		Core loss rock (stoney coal)		
	37.22	37.37	0.04	0.03	6/8/77		bright banded		
	37.37	37.45	0.08	0.07			bright, occasional thin fusain bands		
	37.45	37.48	0.03	0.02			d.l., banded		
	37.48	37.57	0.09	0.08			d.l. and bright		
	37.57	37.61	0.04	0.03			sheared		
	37.61	37.71	0.10	0.08			bright banded		
	37.71	37.83	0.12	0.09			bright		
	37.83	37.93	0.10	0.08			d.l. banded; broken		
	37.93	38.00	0.07	0.06	↓		stoney		
					3-2-1				
	38.00	38.22	0.22	0.18	829		Siltstone dark grey with sandstone phases and stoney coal bands		
					6/8/77				
	38.22	38.31	0.09	0.08	↑		Coal bright and sheared		
	38.31	38.38	0.07	0.06			sheared (probably bright)		
	38.38	38.43	0.05	0.04			dull and bright, some ash bands, sheared		
	38.43	38.46	0.03	0.02	3-3-1		fusain; sheared		
	38.46	38.50	0.04	0.03	830		pulverized		
	38.50	38.84	0.34	0.28	6/8/77		Core loss coal		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7721 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	38.84	38.86	0.02	0.02	↓		Claystone	dark grey ; sheared		
	38.86	39.06	0.20	0.16			Coal	bright		
						126' / 38.40				
	39.06	39.10	0.04	0.03				dull banded		
	39.10	39.18	0.08	0.07				stoney		
	39.18	39.24	0.06	0.05			Core loss	rock (stoney)		
	39.24	39.29	0.05	0.04				bright; sheared		
	39.29	39.37	0.08	0.07				sheared		
	39.37	40.04	0.67	0.55			Claystone	dark grey, carbonaceous		
	40.04	40.32	0.28				Siltstone	dark grey, many sandstone bands particularly at base		
					131' / 39.93					
35°	40.32	40.80	0.48			Sandstone	dark grey, fine grained, many silty bands			
	40.80	40.95	0.15			Siltstone	dark grey, claystone and sandstone bands			
	40.95	41.59	0.64			Claystone	dark grey, carbonaceous, several thin coal bands			
	41.59	41.91	0.32				as above	TOP OF BOX 10		
					136' / 41.45					
	41.91	42.03	0.12				as above			
	42.03	43.37	1.34			Sandstone	med. grey, fine to med. grained, many claystone and siltstone bands, regular bedding, calcite veins, joint in centre, surface is smooth, regular CA=35° (1'r to bedding), joint near base; smooth, regular, calcite fill			
							CA=5°			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7721 SHEET No: 9

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						141'/42.98			
34°	43.37	43.84	0.47			Siltstone	dark grey, many sandstone bands and layers claystone bands at base		
	43.84	43.98	0.14			Claystone	dark grey		
	43.98	44.10	0.12				as above, carbonaceous, extensively broken		
	44.10	44.49	0.39				as above, core complete		
	44.49	44.92	0.43			Sandstone	med. grey, med. grained, claystone bands at top		
	44.92	45.34	0.42			146'/44.50	as above, argillaceous laminae, occasional calcite veins		
42°	45.34	45.68	0.34			Claystone	dark grey, carbonaceous, occasional plant remains, broken in centre		
							TOP OF BOX 11		
	45.68	46.34	0.66			Sandstone	med. grey, med. grained, carbonaceous laminae near base		
						151'/46.02			
	46.34	46.85	0.51			Silty sandstone	dark grey, med. grained, several claystone bands, irregular bedding, possible soft sediment deformation, calcite vein with voids at top		
	46.85	47.54	0.69			Sandstone	med. grey, med. grained, argillaceous laminae, small fault at top possibly related to soft sediment deformation, core broken		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7721 SHEET No: 10
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	47.54	48.50	0.96				Core loss rock		
	48.50	50.14	1.64			159'/48.46	Sandstone med. grey, med. to coarse grained, massive, joints, smooth, regular, CA=60°		
	50.14	50.72	0.58			164'/49.99	as above, large scale X-bedding		
	50.72	51.67	0.95				TOP OF BOX 12 as above, X-bedding		
	51.67	53.25	1.58			169'/51.51	as above, X-bedding		
	53.25	54.80	1.55			174'/53.04	as above, medium grained, X-bedding through this unit and above ranges between 35° and 60°		
	54.80	55.17	0.37			179.5/54.71	as above		
	55.17	56.40	1.23				TOP OF BOX 13 as above		
32°	56.40	57.98	1.58			185'/56.39	as above, laminated in centre		
	57.98	59.51	1.53			190'/57.91	as above, X-bedding		
							TOP OF BOX 14		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7721 SHEET No: 11

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						195' / 59.44			
	59.51	61.15	1.64				as above, X-bedding		
						200.5 / 61.11			
	61.15	62.75	1.60				as above, X-bedding		
						205' / 62.44			
	62.75	63.46	0.71				as above, X-bedding, calcite veins with voids		
							TOP OF BOX 15		
	63.46	64.32	0.86			211' / 64.31	as above, calcite veins washed out in places		
	64.32	65.88	1.56				as above, core broken at top, X-bedding throughout above ranges from 45°-63°		
						216' / 65.84			
	65.88	67.44	1.56				as above, occasional calcite veins		
						221' / 67.36			
	67.44	67.71	0.27				as above		
	67.71	68.95	1.24				as above		
							TOP OF BOX 16		
49°	68.95	70.49	1.54			226' / 68.88	as above, wavy bedding below centre		
						231' / 70.41			
	70.49	72.01	1.52				as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7721 SHEET No: 12

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						236'/71.93			
							TOP OF BOX 17		
	72.01	73.48	1.47				as above, X-bedding, steep at base, fine grained apart from at top, joint at top, smooth, regular, CA=50		
						241'/73.46			
	73.48	74.99	1.51			Sandstone	dark grey, fine grained, silty, argillaceous laminae, occasional coal stringers		
						246'/74.98			
45°	74.99	75.81	0.82				as above, many claystone bands towards base		
	75.81	76.47	0.66			Silty claystone	dark grey, sandstone bands at top, siltstone bands throughout		
							TOP OF BOX 18		
	76.47	76.52	0.05				as above		
						251'/76.50			
47°	76.52	77.40	0.88				as above		
	77.40	78.24	0.84			Claystone	dark grey, silty bands		
						256'/78.03			
	78.24	78.98	0.74	0.55			as above		
	78.98	79.02	0.04	0.03			as above, pulverized and intermixed with pulverized coal (below)		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7721 SHEET No: 13

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	79.02	79.20	0.18	0.13	831		Coal pulverized, intermixed with claystone. (above), coal chips show ash bands and fusain layers		
					2-1-1 6/8/77				
	79.20	79.60	0.40	0.30	832	2-2-1 6/8/77	Claystone dark grey, carbonaceous in places		
	79.60	79.66	0.06	0.05	↑		Coal bright, has 0.01 m fusain band		
	79.66	79.69	0.03	0.02			Claystone dark grey, highly sheared		
	79.69	79.72	0.03	0.02			Coal sheared; broken		
							261' / 79.55		
	79.72	79.80	0.08	0.06	↑		d.l. bright		
	79.80	79.89	0.09	0.07			d.l. banded		
	79.89	79.94	0.05	0.04			d.l.		
	79.94	80.01	0.07	0.05			dull and bright		
	80.01	80.08	0.07	0.05		2-3-1	bright		
	80.08	80.32	0.24	0.18		833	d.l.		
	80.32	80.57	0.25	0.19		6/8/77	d.l. and bright		
	80.57	80.70	0.13	0.10			bright with some fusain bands		
							TOP OF BOX 19		
	80.70	80.77	0.07	0.05		↓		d.l. and bright	
	80.77	80.81	0.04	0.03			d.l. banded		
	80.81	80.86	0.05	0.04			d.l.		
	80.86	81.00	0.14	0.10			bright		
	81.00	81.09	0.09	0.07			dull and bright (the dull portion is fusain)		
	81.09	81.14	0.05	0.04			d.l. and bright		
	81.14	81.20	0.06	0.05			bright		
	81.20	81.27	0.07	0.05	↓		bright banded		
							266' / 81.08		
	81.27	81.34	0.07	0.05	↑		d.l. and bright		
	81.34	81.48	0.14	0.10		pulverized, sheared			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7721 SHEET No: 14

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	81.48	81.98	0.50	0.37			Claystone	dark grey, carbonaceous, sheared, interbanded stoney coal with occasional thin coal bands		
	81.98	82.00	0.02	0.02			Coal	d.l. and sheared		
	82.00	82.10	0.10	0.07	2-4-1 834		Claystone	as above, heavily sheared		
	82.10	82.18	0.08	0.06	6/8/77		Core loss	coal		
	82.18	82.21	0.03	0.02			Coal	pulverized		
	82.21	82.24	0.03	0.02				boney		
	82.24	82.33	0.09	0.07				bright banded		
	82.33	82.40	0.07	0.05				d.l. and bright		
	82.40	82.45	0.05	0.04				d.l.		
	82.45	82.55	0.10	0.07				d.l. banded, broken		
	82.55	82.62	0.07	0.05				d.l. banded		
	82.62	82.69	0.07	0.05				d.l.		
	82.69	82.74	0.05	0.04				dull		
	82.74	82.77	0.03	0.02				dull banded		
						271' / 82.60				
	82.77	82.79	0.02	0.01				d.l. banded		
	82.79	82.97	0.18	0.13				d.l.		
	82.97	83.04	0.07	0.05				d.l. banded		
	83.04	83.18	0.14	0.10				d.l. and bright, some fusain bands broken		
	83.18	83.23	0.05	0.04				d.l.		
	83.23	83.32	0.09	0.07				d.l. and bright		
	83.32	83.43	0.11	0.08				d.l. banded		
	83.43	83.62	0.19	0.14				d.l.		
	83.62	83.72	0.10	0.07				d.l. and bright		
	83.72	84.10	0.38	0.28				d.l. banded		
	84.10	84.30	0.20	0.15				d.l. and bright		
	84.30	84.38	0.08	0.06				bright with ash band		

HOLE No: 7721 SHEET No: 15

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						276'/84.12			
	84.38	84.46	0.08	0.06			bright		
	84.46	84.57	0.11	0.08			d.l. banded		
	84.57	84.63	0.06	0.05			d.l. and bright		
	84.63	84.74	0.11	0.08			dull banded		
	84.74	84.80	0.06	0.05			boney		
	84.80	84.86	0.06	0.05			d.l.		
	84.86	84.97	0.11	0.08			d.l. and bright		
	84.97	85.08	0.11	0.08	2-4-2		d.l. banded		
	85.08	85.18	0.10	0.07	835		bright, slightly sheared, occasional thin fusain bands		
					6/8/77		TOP OF BOX 20		
	85.18	85.36	0.18	0.13			bright banded		
	85.36	85.42	0.06	0.05			sheared		
	85.42	85.47	0.05	0.04			bright		
	85.47	85.62	0.15	0.11			bright banded; slightly sheared		
	85.62	85.75	0.13	0.10			dull banded; sheared and broken		
	85.75	85.81	0.06	0.04			sheared		
	85.81	85.83	0.02	0.01			fusain		
						281'/85.65			
	85.83	85.86	0.03	0.02			bright banded, sheared		
	85.86	85.91	0.05	0.04			d.l. banded		
	85.91	85.96	0.05	0.04			sheared		
	85.96	85.99	0.03	0.02			d.l. banded, sheared		
	85.99	86.24	0.25	0.19			pulverized		
	86.24	86.31	0.07	0.05			boney		
	86.31	86.35	0.04	0.03			dull		
	86.35	86.50	0.15	0.11			bright banded		
	86.50	86.77	0.27	0.20			bright		
	86.77	86.82	0.05	0.04			bright banded		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7721 SHEET No: 16

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	86.82	87.15	0.33	0.25	2-4-3		bright, some thin, fusain bands		
	87.15	87.18	0.03	0.02	836		fusain		
	87.18	87.23	0.05	0.04	6/8/77		bright; broken		
	87.23	87.30	0.07	0.05			pulverized, sooty		
	87.30	87.35	0.05	0.04			bright		
	87.35	87.40	0.05	0.04			dull and bright		
						286'/87.17			
	87.40	87.51	0.11	0.08			heavily sheared, possibly stoney with some claystone		
	87.51	87.61	0.10	0.07			Core loss coal		
	87.61	87.74	0.13	0.10			Coal sheared coal		
	87.74	87.79	0.05	0.04			Core loss rock		
37°	87.79	89.00	1.21	0.90			Sandstone med. grey, med. to coarse grained, argillaceous laminae and coal stringers		
	89.00	89.63	0.63			291'/88.70	as above		
	89.63	90.53	0.90				as above <u>TOP OF BOX 21</u>		
						296'/90.22			
37°	90.53	91.93	1.40				as above		
						301'/91.74			
	91.93	93.33	1.40				as above core heavily broken		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7721 SHEET No: 17

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						306'/93.27			
	93.33	93.68	0.35				as above		
							TOP OF BOX 22		
	93.68	94.88	1.20				as above pebbles in centre as well as several thin coal bands		
						311'/94.79			
37°	94.88	96.41	1.53			Sandstone	med. grey, coarse grained, with med. grained bands, coal bands in centre within a carbonaceous sandstone, many pebbles in lower half		
						316'/96.32			
	96.41	97.93	1.52				as above, very carbonaceous near top, small pebbles, granules throughout with occasional large pebbles, several coal bands in lower half		
						321'/97.84			
	97.93	99.45	1.52				as above		
						326'/99.36			
	99.45	100.97	1.52				as above, occasional calcite veins with voids		
						331'/100.89			
	100.97	102.17	1.20				as above, core broken		
							TOP OF BOX 24		
	102.17	102.61	0.44				as above		
						336'/102.41			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7721 SHEET No: 18

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	102.61	103.57	0.96				as above, x-bedding, calcite veins, bedding is very steep at base		
	103.57	104.17	0.70				Sandstone med. grey, med. grained, occasional coal stringers		
	104.17	105.69	1.52		341'	103.94	as above		
42°	105.69	106.36	0.67		346'	105.46	Sandstone med. grey, fine grained, claystone bands TOP OF BOX 25		
41°	106.36	107.18	0.82		351'	106.98	as above, many silty and claystone bands		
	107.18	107.40	0.22				as above		
	107.40	108.05	0.65				Claystone dark grey, carbonaceous, bright coal laminae, sandstone bands at top		
	108.05	108.62	0.57				Siltstone dark grey, interbedded, fine grained sandstone layers and thin claystone bands, occasional coal stringers		
	108.62	109.44	0.82		356'	108.51	Sandstone med. grey, fine grained with med. grained bands, siltstone and claystone interbeds at top, carbonaceous stringers towards base, thin coal band at base which contains many thin calcite veins sub-// to bedding, possible minor movement zone		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7721 SHEET No: 19

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	109.44	110.15	0.71				Sandstone	light grey, med. grained, carbonaceous zones		
								and stringers and thin claystone bands, occasional calcite veins with voids showing spar calcite and pyrite, core broken in lower half		
						361' /	10.03			
	110.15	110.41	0.26					as above, thin claystone at base		
								TOP OF BOX 26		
	110.41	110.85	0.44				Claystone	dark grey, carbonaceous, many thin, bright coal bands, plant remains		
	110.85	111.52	0.67	0.52			Siltstone	dark grey, many fine grained sandstone and claystone interbeds		
41°	111.52	111.65	0.13	0.10		366' /	11.56	Claystone	dark grey, carbonaceous	
	111.65	111.84	0.19	0.15				as above		
	111.84	111.88	0.04	0.03			Coal	d.l. hard		
	111.88	111.92	0.04	0.03				d.l. banded		
	111.92	111.99	0.07	0.05				d.l.		
	111.99	112.02	0.03	0.02				d.l. and bright		
	112.02	112.08	0.06	0.05				d.l. hard, heavy		
	112.08	112.16	0.08	0.06				d.l.		
	112.16	112.22	0.06	0.05				pulverized, mainly bright banded		
	112.22	112.26	0.04	0.03				pulverized, sheared chips of sooty coal present		
	112.26	112.39	0.13	0.10	1-1-1			bright, some thin ash bands		
	112.39	112.41	0.02	0.02	837			d.l.		
	112.41	112.49	0.08	0.06	6/8/77			bright		
	112.49	112.67	0.18	0.14				d.l. and bright fusian bands up to 0.01 m thick and "sooty" pi		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7721 SHEET No: 20
 DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	112.67	112.69	0.02	0.02			bright		
	112.69	112.72	0.03	0.02			dull		
	112.72	112.78	0.06	0.05			bright banded		
	112.78	112.87	0.09	0.07			bright		
	112.87	112.92	0.05	0.04			d.l.		
	112.92	113.02	0.10	0.08			Core loss		
	113.02	113.10	0.08	0.06			sheared, pulverized		
	113.10	113.15	0.05	0.04			dull		
	113.15	113.24	0.09	0.07			sheared, pulverized, sooty coal, probably high ash		
	113.24	113.28	0.04	0.03			d.l. banded		
						371' / 113.08			
	113.28	113.44	0.16	0.12			dull banded, many fusain bands		
	113.44	113.48	0.04	0.03			sheared		
	113.48	113.58	0.10	0.08			d.l. banded, thin ash band		
	113.58	113.65	0.07	0.05			sheared		
	113.65	113.68	0.03	0.02			d.l. banded; sheared		
	113.68	113.73	0.05	0.04			sheared		
	113.73	113.80	0.07	0.05	1-2-1		bright banded; sheared		
	113.80	113.95	0.15	0.12	838 6/8/77		sheared, quite bright at top and dull at base, substantial fusain present, broken		
	113.95	114.22	0.27	0.21			Core loss		
	114.22	114.37	0.15	0.12			sheared, broken		
	114.37	114.61	0.24	0.19			Core loss		
	114.61	114.67	0.06	0.04			dull, sheared, broken		
	114.67	114.84	0.17	0.13			pulverized, dull and bright, high ash		
	114.84	115.04	0.20	0.15			Core loss		
						376' / 114.60			
	115.04	115.10	0.06	0.05			dull banded, heavily broken		
	115.10	115.14	0.04	0.03			sheared		
	115.14	115.18	0.04	0.03			dull, heavily broken		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7721 SHEET No: 21

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	115.18	115.58	0.40	0.32			Core loss coal		
							TOP OF BOX 27		
	115.58	115.60	0.02	0.02			dull, broken		
	115.60	115.63	0.03	0.02	1-3-1		stone, sheared		
	115.63	115.66	0.03	0.02	839		sheared		
					6/8/77				
	115.66	115.69	0.03	0.02			Claystone		
	115.69	115.90	0.21	0.16			Core loss		
							dark grey, carbonaceous, heavily sheared, calcite wisps		
	115.90	115.94	0.04	0.03			Coal		
	115.94	116.16	0.22	0.17			sheared		
							d.l., sheared, heavily broken		
	116.16	116.20	0.04	0.03			dull, much fusain		
	116.20	116.27	0.07	0.05			sheared; heavily broken		
	116.27	116.30	0.03	0.02			dull; pulverized lots of "sooty" coal		
	116.30	117.05	0.75	0.58			Sandstone		
							med. grey, med. grained, coaly stringers at top,		
							washed out calcite veins, sheared claystone at base		
						381' /	16.13		
	117.05	118.69	1.64				as above, occasional coarse grained bands,		
							some argillaceous laminae but essentially		
							massive, a few carbonaceous laminae, slightly		
							porous, washed out calcite veins		
						386' /	17.65		
	118.69	119.87	1.18				as above		
							TOP OF BOX 28		
	119.87	120.32	0.45				as above, argillaceous laminae exhibit bedding		
							between 20°-30°, probable X-bedding		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7721 SHEET No: 22

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						391' / 19.18			
	120.32	121.87	1.55				as above		
						396' / 20.70			
	121.87	123.39	1.52				as above, occasional med. sized pebbles		
						401' / 22.22			
(38°)	123.39	123.81	0.42				as above		
							TOP OF BOX 29		
	123.81	125.09	1.28				as above		
						406' / 23.75			
	125.09	126.61	1.52				as above		
						411' / 25.27			
	126.61	128.03	1.42				as above		
							TOP OF BOX 30		
	128.03	128.26	0.23				as above		
						416' / 26.80			
	128.26	129.78	1.52				as above, calcite veins with voids		
						421' / 28.32			
	129.78	131.32	1.54				as above, calcite veins with voids		
						426' / 29.84			
	131.32	131.69	0.37				as above, calcite veins with voids		
						427' / 30.15			
	131.69	132.24	0.55				as above, calcite veins with voids		

HOLE No. 7721 SHEET No: 23

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 31</u>		
	132.24	132.68	0.44			431' / 31.37	as above		
	132.68	134.28	1.60				as above, calcite veining large joint at base, secondary calcite on surface which is smooth and regular CA-5°		
35°	134.28	135.83	1.55			436' / 32.89	as above, joint at top		
	135.83	136.35	0.52			441' / 34.42	as above		
							<u>TOP OF BOX 32</u>		
	136.35	137.41	1.06				as above, occasional claystone clasts, calcite filled joint sub-// to core axis		
	137.41	138.94	1.53			446' / 35.94	as above, claystone clasts from centre to base, joint as above with spar also		
	138.94	140.41	1.47			451' / 37.46	as above, large joint throughout		
	140.41	140.72	0.31			456' / 38.99	as above, large joint continues		
							<u>TOP OF BOX 33</u>		
	140.72	141.45	0.73				as above		

HOLE No: 7721 SHEET No: 24

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	141.45	141.70	0.25				Sandstone med. grey, med. to fine grained, irregularly bedded claystone bands at top, some minor tectonic disturbance here, calcite veins		
	141.70	143.10	1.40			461' / 140.51	as above, several claystone layers particularly at base, dark grey silty sandstone layers present, the claystone layers at base are disrupted to form large clasts, calcite veins		
	143.10	144.66	1.56			446' / 142.04	as above, many interbedded claystone layers showing graded bedding with underlying sandstone bands, occasional burrows close to Moosebar/Gates contact here		
35°	144.66	144.80	0.14			471' / 143.56	as above		
							<u>END OF HOLE</u>		

SAXON PROJECT (SAXON SOUTH)

HOLE NO. 7722 BEARING -- ANGLE 90° TOTAL DEPTH 41.73
 COORDINATES 6014238.2 N: 694448.2 E COLLAR ELEVATION 2021.7

Seam No. 4 Elevation of Seam (Base) 1987.3

Seam Interval: 21.72 - 30.57 Upper 32.90 - 34.42 Lower

True Thickness of Mining Section: 7.64 Coal 7.30 1.30 Coal 1.20
 Rock 0.34 Rock 0.10

Core Recovery: 85 % 100 %

INTERSEAM THICKNESS: 2.02 Upper to Lower

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness of Mining Section: _____ Coal _____ Coal _____
 Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness of Mining Section: _____ Coal _____ Coal _____
 Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness of Mining Section: _____ Coal _____ Coal _____
 Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS:

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7722 SHEET No: 1

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: 90° LOGGED BY: D. B1sp1ng CORE SIZE: H.Q.



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							No core up to 2.94 m		
							TOP OF BOX 1		
31°	2.94	4.27	1.33				Sandstone grey, partly brownish grey, fine to medium grained small intercalations of siltstone irregular laminated, slickensides numerous thin intercalations of coaly matter		
24°		5.77	1.50		14' / 4.27		as above; in the middle part one weathered coal band (3cm) and bedding partly disturbed by slumping, at base bedding more regular and interbedding of fine and medium grained sandstone small crossbedding units core partly broken	1.50 (-2)	
		6.30	0.53		19' / 5.79		as above; from the middle part to base irregular laminated	0.53 (-8)	
		6.43	0.13		21' / 6.40		as above; irregular laminated	1.51 (-1)	
27°		7.19	0.76				grey partly brownish grey, fine grained, argillaceous at top small crossbedding units		
							TOP OF BOX 2		
26°		7.81	0.62				as above; small crossbedding units at base grading into fine to medium grained sandstone		
					26' / 7.92				
21°		9.23	1.42				grey, partly brownish grey, fine grained, at top fine to medium grained, small crossbedding units	1.42 (-11)	
36°		9.66	0.43				brownish grey, fine grained, irregular laminated, CaCO ₃ filled irregular fractures, core broken	0.43 (-48)	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7722 SHEET No: 2
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
27 ⁰	9.66	11.40	1.74			34'/10.36	grey, fine grained, at top brownish grey and CaCO ₃ filled fractures, partly fine to medium grained, small crossbedding units	1.74	
		11.56	0.16			39'/11.89	as above		
							<u>TOP OF BOX 3</u>		
43 ⁰		12.01	0.45				grey fine grained		
41 ⁰		13.47	1.46			41'/12.50	grey, partly brownish grey, fine grained, partly fine to medium grained, small crossbedding units CaCO ₃ filled fractures (30 ⁰ , 49 ⁰) partly open with CaCO ₃ crystals, calcareous, slickensides	1.46	(-6)
		13.84	0.37			46'/14.02	grey, at top brownish grey, fine to medium grained	1.36	(-17)
32 ⁰		14.41	0.57				grey, at base dark grey, fine grained, partly brownish oxydiezed		
		14.83	0.42				Siltstone dark grey, sandy, small crossbedding units		
31 ⁰		15.80	0.97			51'/15.54	dark grey, sandy interbeddings of fine grained sandstone small crossbedding units	1.45	(-7)
		16.28	0.48				<u>TOP OF BOX 4</u>		
							as above		
30 ⁰		17.87	1.59			56'/17.07	as above, partly brownish oxydiezed		
						61'/18.59			

HOLE No. 7722 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
32°	17.87	18.21	0.34				darkgrey, interbedding of thin claystone bands	1.46	
		18.53	0.32				grey, sandy bedding disturbed by slumping		
		19.33	0.80				dark grey, at base grading into silty claystone, plant fossils (sagenopteris williamsii, Nilsonia canadensis)		
		19.55	0.22		66'/20.12	Claystone	dark grey, silty, plant remains		
		19.99	0.44			Siltstone	dark grey, grading silty, plant remains		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7722 SHEET No: 4

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	#4 SEAM	DESCRIPTION	RECOVERY	
	From	To	Thick.	True					m.Rec.	%
								TOP OF BOX 5		
	19.99	20.86	0.87	0.75			Claystone	dark grey, plant remains, at top silty		
						71' / 21.64				
		21.09	0.23	0.20				dark grey, to black, carb., plant remains, coal streaks	100	
		21.25	0.16	0.14				as above w/numerous thin bright coal interbeds	100	
		21.72	0.47	0.41				as above; upper 0.15 and lower .05m broken core		
						76' / 23.16				
	21.72	21.89	0.17	0.15	∧		Coal	sheared, stoney? heavier? broken core as listric surfaced, bright chips and slices		
	21.89	22.03	0.14	0.12			Missing	coal		
		22.08	0.05	0.04				bright		
	22.08	22.12	0.04	0.03			Claystone	dark grey, carbonaceous w/thin coal bands (core wrong place?)		
	22.12	22.18	0.06	0.05	4-1-1 853		Coal	dull banded	100	
(29°)					4/8/77				150	
	22.18	22.36	0.18	0.16			Claystone	dark grey, carbonaceous with thin coal bands; thicker coal stronger at center along calcite veined fracture	100	
	22.36	22.42	0.06	0.05			Coal	bright banded		
	22.42	22.51	0.09	0.08	∨		Claystone	dark grey, carbonaceous, sliced core faces slickensided calcite lined		
	22.51	22.78	0.27	0.23	∧		Coal	dull/bright to bright banded-60% bright		
		23.21	0.43	0.37			Coal	dull/bright upper; .04m broken core		
						81' / 24.69				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7720 SHEET No: 18

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	124.33	124.88	0.55				Sandstone	grey fine grained		
		125.08	0.20				Missing			
		125.34	0.26				Sandstone	as above		
		125.95	0.61				Siltstone	grey to dark grey, at base grading to claystone		
					416' /	126.80				
		126.15	0.20				Claystone	dark grey to black, carbon coal bands, slickensides		
		127.22	1.07				Sandstone	grey, fine grained, silty interbeds		
		127.30	0.08				Siltstone	grey		
		127.48	0.18				Missing			
		128.99	1.51				Claystone	dark grey, at top silty iron claystone nodules, plant fossiles (spenopteris latiloba?, sagenopteris williamsii), silty phases		
					426' /	129.84				
		129.05	0.06					as above		
		129.38	0.33				Siltstone	grey sandy phases		
		129.48	0.10				Missing			
								TOP OF BOX 31		
		130.52	1.04				Sandstone	grey, line, thin silty interbeds, at base argillaceous		
					431' /	131.37				
		131.12	0.60				Siltstone	grey, sandstone interbeds, plant fossils (elatides)		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7722 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	23.21	23.29	0.08	0.07	4-2-1	81'/24.69	Coal	dull banded; broken core		
	23.29	23.40	0.11	0.10	854		Missing	coal		
	23.40	23.48	0.08	0.07	4/8/77		Missing	claystone		
	23.48	23.58	0.10	0.09			Missing	coal		
	23.58	23.65	0.07	0.06			Coal	bright		
	23.65	23.71	0.06	0.05			Missing	coal		
	23.71	23.74	0.03	0.03	↓		Coal	dull banded		
		23.94	0.20	0.17	↑			bright banded		
		24.07	0.13	0.11				dull banded		
		24.54	0.47	0.41				dull/bright to bright banded 60% bright		
								TOP OF BOX 6		
		24.87	0.33	0.29				dull/bright		
		24.93	0.06	0.05				dull banded		
		25.03	0.10	0.09				dull?		
		25.24	0.21	0.18				bright banded		
					4-3-1					
					855	86'/26.21				
		25.37	0.13	0.11	4/8/77			bright banded		
		25.42	0.05	0.04				dull, metallic		
		25.75	0.33	0.29				dull/bright		
		25.95	0.20	0.17				bright banded		
		26.11	0.16	0.14				bright banded		
		26.15	0.04	0.03				dull banded, metallic		
		26.18	0.03	0.03				bright (vitrain bands)		
		26.23	0.05	0.04				dull banded		
		26.81	0.58	0.50	↓			dull/bright (overall)		
						91'/27.74				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7722 SHEET No: 6

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						91'/27.74			
	26.81	26.94	0.13	0.11	↑		Coal	dull/bright	
		27.05	0.11	0.10				sheared; pulverized* to flakey	
	27.05	27.44	0.39	0.34			Missing	coal	
		27.57	0.13	0.11			Coal	sheared	
					4-3-2				
		27.63	0.06	0.05	856			bright banded	
					4/8/77				
	27.63	27.79	0.16	0.14				dull/bright	
	27.79	27.84	0.05	0.04			Missing	coal	
		28.23	0.39	0.34	↓		Coal	dull/bright; uppermost .02m. pulverized	
		28.40	0.17	0.15	↑			bright banded	
		28.74	0.34	0.29				dull/bright	
						96'/29.26			
		28.78	0.04	0.03	4-3-2			bright; vitrain	
					887				
		28.87	0.09	0.08	4/8/77			dull; sooty smokey	
		29.24	0.37	0.32				bright banded	
	29.24	29.43	0.19	0.16			Missing	coal	TOP OF BOX 7
		29.50	0.07	0.06			Coal	dull, metallic; broken core, packed	
		29.71	0.21	0.18				dull/bright	
		29.88	0.17	0.15				bright	
		29.95	0.07	0.06				bright, partly sheared	

HOLE No: 7722 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	29.95	30.00	0.05	0.04			Coal	dull, smokey; top and bottom with thin bright bands		
		30.14	0.14	0.12				sheared; pulverized to flakey soft friable crumbly		
	30.14	30.35	0.21	0.18			Missing	coal		
		30.57	0.22	0.19	↓		Coal	bright banded; sharp basal contact w/claystone		
	30.57	30.67	0.10	0.09	↑		Claystone	dark grey carbonaceous partly sheared top with thin coal bands base slickensided		
						101' / 30.78				
		30.84	0.17	0.15				as above		
		30.95	0.11	0.10				as above w/interbedded thin bright coal bands		
	30.95	31.07	0.12	0.10			Coal	sheared		
		31.19	0.12	0.10				sheared dull/bright		
	31.19	31.33	0.14	0.12	4-4-1 857		Claystone	dark grey carbonaceous w/coal stringers sheared		
	31.33	31.48	0.15	0.13	4/8/77		Coal	bright banded		
		31.56	0.08	0.07				dull/bright (stoney w/bright bands)		
	31.56	31.62	0.06	0.05			Claystone	dark grey carbonaceous w/thick coal bands		
		31.92	0.30	0.26				as above; bottom half sheared		
	31.92	31.98	0.06	0.05			Coal	sheared; (top .02 m packed drilling mud not measured)		
		32.30	0.32	0.28	↓			dull/bright; dull is metallic		
						106' / 32.31				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7722 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						106'/32.31			
	32.30	32.90	0.60	0.52	4-5-1	858	Claystone	dark grey, carbonaceous upper 0.12 with thin coal stringers	
	32.90	32.94	0.04	0.03	↑		Coal	dull bright	
		32.98	0.04	0.03				stoney	
		33.30	0.32	0.28				dull/bright; dull is northern metallic	
		33.57	0.27	0.23				sheared	
	33.57	33.62	0.05	0.04			Claystone	grey, slightly carbonaceous sheared slickensided surfaces with calcite	
	33.62	33.77	0.15	0.13	4-6-1	859	Coal	dull/bright partly sheared	
		33.82	0.05	0.04	4/8/77	111	33.83	sheared broken core	
		34.02	0.20	0.17				bright	TOP OF BOX 8
		34.13	0.11	0.10				dull/bright; broken core	
		34.38	0.25	0.22				bright banded	
	34.38	34.42	0.04	0.03	↓			pulverized mixture of coal and claystone	
	34.42	34.66	0.24	0.21	4-7-1	860	Claystone	dark grey carbonaceous base sheared slickensided	
		34.78	0.12	0.10	4/8/77		Coal	bright banded; upper broken core as coal vitrain cubes	
		35.46	0.68				Claystone	dark grey to black, carb., plant remains, listric surfaces	
						116'/35.36		at base silty	

HOLE No: 7722 SHEET No: 9

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 9		
		38.63	0.36				Siltstone dark grey		
					126'	38.40			
		39.18	0.55				dark grey, sand, laminated at base, grading into fine grained sandstone		
	39.18	40.17	0.99				Sandstone grey, fine grained, thin claystone intercalations in the upper part thin siltstone intercalations and argillaceous		
					131'	39.93			
		41.00	0.83				grey, partly dark grey, fine grained, siltstone bands, listric surfaces and slickensides CaCO3 filled fractures		
		41.12	0.12				Siltstone dark grey, plant remains		
		41.53	0.41				Sandstone grey, fine grained, at base bedding disturbed by slumping		
		41.73	0.20				Siltstone dark grey, plant remains		
					136'	41.45			
							END OF HOLE		

SAXON PROJECT (SAXON SOUTH)

HOLE NO. 7723 BEARING -- ANGLE 90° TOTAL DEPTH 70.64
COORDINATES 6014417.1 N 694872.0 E COLLAR ELEVATION 1919.9

Seam No. 4 Elevation of Seam (Base) 1857.2

Seam Interval: 51.88 - 62.68

True Thickness of Mining Section: 6.07 Coal 5.25 Coal

Rock 0.82 Rock

Core Recovery: 84 % %

INTERSEAM THICKNESS:

Seam No. Elevation of Seam (Base)

Seam Interval:

True Thickness of Mining Section: Coal Coal

Rock Rock

Core Recovery: % %

INTERSEAM THICKNESS:

Seam No. Elevation of Seam (Base)

Seam Interval:

True Thickness of Mining Section: Coal Coal

Rock Rock

Core Recovery: % %

INTERSEAM THICKNESS:

Seam No. Elevation of Seam (Base)

Seam Interval:

True Thickness of Mining Section: Coal Coal

Rock Rock

Core Recovery: % %

INTERSEAM THICKNESS:

HOLE No: 7723 SHEET No: 1

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: 90° LOGGED BY: Bisping/V. Sperber CORE SIZE: H.Q.



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							No core up to 4.26 m		
							<u>TOP OF BOX 1</u>		
	4.26	6.40	2.14				Sandstone grey, fine grained, dark grey siltstone bands, core partly broken		
55°		7.72	1.32		21'/6.40		as above, small crossbedding units	1.32	
48°		8.41	0.69		26'/7.92		as above	(-20) 1.49	
								(-4)	
							<u>TOP OF BOX 2</u>		
56°		9.12	0.71				as above, small crossbedding units, at top core broken and brownish oxydiezed		
		9.21	0.09				Siltstone dark grey, sandy		
50°		10.72	1.51		31'/9.45		Sandstone grey, fine grained, interbedded with dark grey siltstone crossbedding units	1.51	(-1)
		12.29	1.57		36'/10.97		as above	1.57	
52°		12.73	0.44		41'/12.50		as above, laminated	(+4) 1.53	(+1)
		12.77	0.04				<u>TOP OF BOX 3</u>		
		12.86	0.09				Siltstone dark grey, sandy		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7723 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	12.86	13.82	0.96				Sandstone grey, fine grained, laminated, at top one claystone band (2cm) many thin interbeds of dark grey siltstone		
						46'/14.02			
62°		15.43	1.61				grey fine grained laminated many thin interbeds of dark grey siltstone at base bedding disturbed by slumping	1.61	(+9)
						51'/15.54			
69°		15.95	0.52				grey fine grained, laminated, many thin interbeds of dark grey siltstone clay and siltstone phases in the lower part	1.28	(-2 5)
64°		16.71	0.89				grey partly brownish grey, fine grained laminated many thin interbeds of dark grey siltstone few CaCO ₃ filled fractures (300) at base		
						56'/17.07			
		16.85	0.14				as above	1.55	(+3)
							TOP OF BOX 4		
50°		18.26	1.41				grey*, interbeds of dark grey siltstone at top, grading into sandy siltstone at base*, fine grained		
						61'/18.59			
		18.38	0.12				Siltstone dark grey, sandy	1.69	(+16)
		18.51	0.13				Mud (drilling mud?), dark brown (sample G23-26)		
61°		19.95	1.44				Sandstone grey, fine grained interbeds of dark grey siltstone, core partly broken, coaly matter		
						66'/20.12			
48°		20.90	0.95				grey* at top brownish grey, thin interbeds of dark grey siltstone listric surfaces and CaCO ₃ fillings	1.43	
							core broken at top, crossbedding units at base, coal streaks* fine grained		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7723 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 5		
	20.90	21.38	0.48				as above		
						71'/21.64			
		22.30	0.92				as above brownish oxydiezed on slickensides, core totally broken	1.72	(+2)
		23.11	0.81				as above, at top brownish grey		
						76'/23.16			
		23.43	0.32				as above	1.35	(-18)
35°		24.14	0.71				Siltstone dark grey, sandy bands		
		24.46	0.32				Sandstone grey*, at top brownish grey, thin interbeds of dark grey siltstone*, fine grained	1.66	(+14)
						81'/24.69			
		24.56	0.10				as above		
		24.72	0.16				Siltstone dark grey, sandy		
		25.02	0.33				Sandstone grey, thin interbeds of dark grey siltstone, core broken* fine grained		
							TOP OF BOX 6		
41°		26.12	1.07				Siltstone dark grey, thin bands of fine grained sandstone, core broken		
						86'/26.21			
32°		27.45	1.33				as above	1.33	(-20)
						91'/27.74			
		27.80	0.35				Sandstone grey, fine grained	1.56	(+4)

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7723 SHEET No: 4

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
52°	27.80	29.01	1.21				Siltstone dark grey, sandy phases, thin bands of fine grained sandstone slickensides at base		
						96' / 29.26			
		29.07	0.06				as above	1.22	
		29.10	0.03				Coal bright banded, sheared, thin CaCO3 veins	(-30)	
		29.17	0.07				Siltstone dark grey, sandy		
		29.33	0.16				TOP OF BOX 7 as above, core broken		
44°		30.10	0.77				Sandstone grey fine grained argillaceous laminated dark grey siltstone bands, small crossbedding units in the middle part, bedding partly disturbed (sin-sed)		
		30.23	0.13				Siltstone dark grey to black		
		30.48	0.25			101' / 30.78	as above, core broken	1.56	
								(+3)	
58° / 85°		31.79	1.31				Sandstone grey fine grained interbeds of dark grey siltstone sudden changing of dipping at top, bedding disturbed by slumping in the middle part, bedding normal at base		
						106' / 32.31			
		31.99	0.20				as above	1.53	
		32.33	0.34				Siltstone dark grey, interbeds of fine grained sandstone	(+1)	
64°		33.32	0.99				Sandstone grey, fine grained interbeds of dark grey siltstone bedding disturbed by slumping at top		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7723 SHEET No: 5
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						111'/33.83			
						TOP OF BOX 8			
77°	33.32	34.88	1.56			grey, fine grained, irregular laminated bedding disturbed in the middle part, CaCO ₃ filled fractures and core broken in the lower part small crossbedding units at base, first signs for upside downside bedding	1.56	(+3)	
						116'/35.36			
		35.11	0.23			Claystone	dark grey to black, sandy laminated		
74°		35.93	0.82			Siltstone	dark grey, sandy laminated with fine grained sandstones small crossbedding units in the lower part, more signs for upside downside		
		36.38	0.45			Sandstone	grey fine grained, many thin interbeds of dark grey siltstone, more signs for upside downside		
75° 90° 81°		37.64	1.26			121'/36.88	grey, fine grained brownish oxydiezed and CaCO ₃ fillings, irregular laminated with dark grey siltstone, signs for normal bedding at top, bedding turning into upside downside in the middle part CaCO ₃ filled fractures parallel and perpendicular to bedding in the lower part, core partly broken	1.64	(+12)
						TOP OF BOX 9			
74°		38.02	0.38				grey, fine grained, irregular laminated with dark grey siltstone, slickensides CaCO ₃ fillings		
						126'/38.40			
		39.48	1.46				as above, bedding disturbed by bioturbation CaCO ₃ crystals on fractures, core partly totally broken	1.46	
						131'/39.93			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7723 SHEET No: 6

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	39.48	39.59	0.11				as above	1.32	
		39.83	0.24				Mud brownish grey, sandy, little pieces of grey, fine grained sandstone (sample G 23-28)	(-20)	
69°		40.80	0.97				Sandstone grey fine grained, irregular laminated with dark grey siltstone, slickensides to CaCo ₃ filled		
					136'	41.45	fractures (56°, 8°)		
64°		41.76	0.96				Siltstone dark grey, sandy, irregular laminated with fine grained sandstone	1.67	(+14)
							TOP OF BOX 10		
68°		42.47	0.71				Sandstone grey, fine grained, argillaceous, irregular laminated with dark grey siltstone small crossbedding units at base		
					141'	42.98			
		42.66	0.19				as above	1.48	(-4)
		43.31	0.65				Siltstone dark grey, laminated sandy bands		
		43.95	0.64				Sandstone grey, fine grained, argillaceous, irregular laminated with dark grey siltstone, coal matter, slickensides, core partly broken		
					146'	44.50			
		44.14	0.19				as above	1.31	(-21)
49°		45.26	1.12				Siltstone dark grey, sandy, irregular laminated with fine grained sandstone, one sandstone band at top		
					154'	46.02			
		45.32	0.06				as above, plant remains, coal streaks	1.62	(+9)

DENISON COAL LIMITEDDIAMOND DRILL CORE LOGHOLE No: 7723 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	45.32	46.03	0.71				Claystone dark grey, at top silty, plant remains, core broken		
56°		46.31	0.28				TOP OF BOX 11 dark grey, laminated, plant remains		
		46.68	0.37				Siltstone dark grey, irregular laminated		
		46.88	0.20				Claystone dark grey, plant remains		
		46.93	0.05		156'	47.55	as above		
		47.10	0.17				Siltstone dark grey, laminated		
45°		48.47	1.37				Claystone dark grey, laminated		
		49.37	0.90		161'	49.07	as above; partly silty and core broken in the upper part, coal streaks		
		49.50	0.13				Core loss		
51°		50.52	1.02		165'	50.29	as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7723 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	#4 SEAM	DESCRIPTION	RECOVERY		
	From	To	Thick.	True					m.Rec.	%	
	50.52	50.79	0.27	0.17			Missing	claystone with coal bands	TOP OF BOX 12		
	50.79	50.98	0.19	0.12	↑		Coal	pulverized*, sheared, stoney?, flakey, listric surfaced			
	50.94	51.24	0.26	0.17			Claystone	dark grey to black, carbonaceous, broken core, top 1 piece			
						4-1-1					
						861					
						7/8/77	170'	51.82			
50°		51.57	0.33	0.21				as above with silty laminations			
	51.57	51.78	0.21	0.13			Missing	claystone			
	51.78	51.88	0.10	0.06	↓			caked drilling mud with pulverized* to grit-chip size fragments of claystone and coal			
	51.88	51.96	0.08	0.05	↑		Missing	coal			
							171'	52.12			
	51.96	52.09	0.13	0.08			Coal	sheared; upper part core highly broken, lower part crumbly, flakey listric surfaced			
		52.52	0.43	0.28				sheared, pulverized*			
	52.52	52.63	0.11	0.07			Missing	coal *geophysical log 52.60-52.90 stoney coal 53.02-53.18 stoney coal			
		53.18	0.55	0.35			Coal	sheared, pulverized*, core in large part, solid portions very bright, flakey crumbly listric surfaced			
							175'	53.34			
		53.52	0.34	0.22	4-2-1			sheared, pulverized* with some chips and flakes - core slot 1/2 full			
						862					
	53.52	53.64	0.12	0.08	4/8/77		Missing	coal			
		53.80	0.16	0.10			Coal	sheared; dull sooty character of core with listric surfaced, shiny flakes			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7723 SHEET No: 9

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	53.80	54.18	0.38	0.23			Coal sheared; bright character of core due to listric surfaced, very shiny flakes (when broken across coal some what dull) core slot 1/2 full		
	54.33	54.77	0.15	0.09			Missing coal		
			0.44	0.26			Coal sheared; pulverized to solid core portions that tends to be crumbly and flakey; base ground core		
						179' / 54.56			
	54.89		0.12	0.07			sheared; pulverized to ground core		
	55.04		0.15	0.09			sheared; solid core becomes crumbly and flakey; some pulverized portions		
	55.33		0.29	0.17			sheared		
	55.65		0.32	0.19			sheared; solid core, broken at base		
	56.06		0.41	0.24			TOP OF BOX 13 sheared dull; solid core		
						184' / 56.08			
	56.47		0.41	0.24			sheared; pulverized-ground core; slot 1/2 full		
	56.47	56.61	0.14	0.08	4-3-1 863		missing coal (stoney from geophysical log)		
					4/8/77	186' / 56.69			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7723 SHEET No: 10

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						186' / 56.69			
							Geophysical log 56.60-56.82 stoney coal		
							57.30-57.36 stoney coal		
	56.61	57.21	0.60	0.34			Coal sheared; pulverized* core		
	57.21	57.31	0.10	0.06			Missing coal (stoney from geophysical log)		
		57.47	0.16	0.09			Coal sheared solid crumbly flakey core		
		57.77	0.30	0.17			sheared; pulverized*core		
						190' / 57.91			
		57.88	0.11	0.06			dull; broken core as chips chunks fragments		
	57.88	57.94	0.06	0.03			Missing claystone		
		57.97	0.03	0.02			Claystone black, carbonaceous; broken core as fragments and 1cm chunks		
		58.24	0.27	0.14			caked black mud-claystone? odd bright grit-flake (coal sheared?)		
	58.24	58.46	0.22	0.12			Missing coal		
	58.46	58.96	0.50	0.26	✓		Coal sheared; dull; solid core, base broken		
						194' / 59.13			
	58.96	59.53	0.57	0.29	↑		Claystone black, carbonaceous, massive		
		59.59	0.06	0.03	4-4-1		as above, sheared, listric surfaced		
		59.61	0.02	0.01	864		interbedded claystone-coal broken core as chunks		
	59.61	59.78	0.17	0.09	4/9/77		Missing claystone		
	59.78	59.87	0.09	0.05	*		Coal sheared, flakey, very bright slickensided listric surfaces		
		59.94	0.07	0.04			pulverized * ground		
	59.94	60.14	0.20	0.10			Missing coal		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7723 SHEET No: 11

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	60.14	60.71	0.57	0.29			Coal sheared dull metallic, highly broken core-bright, listric surfaced		
	60.71	61.04	0.33	0.17			Missing coal		
					4-5-1		<u>TOP OF BOX 14</u>		
					865	199'	60.66		
		62.08	1.04	0.52	4/8/77		Coal sheared, dull/bright? core highly broken speed out half filling slot		
						204'	62.18		
		62.48	0.40	0.20			sheared, bright/banded? core broken, flakey at lower portion		
	62.48	62.68	0.20	0.10	✓		sheared, packed ground core bright at upper half and flakey, listric surfaced at lower half		
	62.68	63.24	0.56				Claystone black carbonaceous, highly broken core-top sheared chunks with thin coal bands at top most base, solid core with carbonaceous and coaly stringers dip 60°		
		63.36	0.12				pulverized to ground core chips and grit of vitrain and claystone		
	63.36	63.54	0.18				Missing claystone with coal bands		
		64.00	0.46				Claystone highly broken core		
						209.63	70		
		64.51	0.51				Claystone black, carbonaceous, massive, solid core		
		65.09	0.58				as above highly broken core (packed)		
60°		65.35	0.26				Claystone black, slightly carbonaceous with silty laminations displaying wavy, crenulations bioturbated or slumped structure		
							** stoney coals identified by geophysical log		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7723 SHEET No: 12

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 15</u>		
	65.35	65.64	0.29				Siltstone	dark grey, laminated	
		65.98	0.34			214' / 65.23		as above; laminated with fine grained sandstone at base, small crossbedding units, worm tubes, signs for normal bedding	
	65.98	66.13	0.15				Claystone	dark grey	
		66.30	0.17					dark grey, to black, carbonaceous, coal streaks core totally broken	
		66.78	0.48					dark grey, iron claystone concretions, small CaCo ₃ fillings at base, plant remains, coal streaks	
		67.15	0.37				Sandstone	grey, fine grained, laminated, small crossbedding units, signs for normal bedding	
		67.25	0.10				Claystone	dark grey to black carbonaceous	
58°		67.66	0.41			219' / 66.75	d	dark grey, laminated, sandy bands, grading into fine grained sandstone at base	
		68.18	0.52				Sandstone	grey, fine grained, laminated claystone bands, bedding partly disturbed by slumping, medium grained in the middle part, coaly matter	
		68.88	0.70					grey, fine grained, well laminated	
		69.20	0.32			244' / 68.28	Claystone	dark grey to black, carbonaceous, grading into sandstone at base, slickensides	
		69.54	0.34				Sandstone	grey, fine to medium grained, argillaceous at top, core broken	
		70.64	1.10					<u>TOP OF BOX 16</u>	
						299' / 69.80		grey to light grey, fine to medium grained	
								<u>END OF HOLE</u>	

SAXON PROJECT (SAXON SOUTH)

HOLE NO. 7724 BEARING 040° ANGLE 60° TOTAL DEPTH 218.52
 COORDINATES 6015249.2 N 692861.7 E COLLAR ELEVATION 1742.8

Seam No. 1 Elevation of Seam (Base) 1561.2

Seam Interval: 206.68 - 209.74

True Thickness of Mining Section: 2.38 Coal 2.22 Coal _____
 Rock 0.16 Rock _____

Core Recovery: 64 % _____ %

INTERSEAM THICKNESS: 5.67

Seam No. 2 Elevation of Seam (Base) 1573.3

Seam Interval: 192.58 - 195.74

True Thickness of Mining Section: 2.68 Coal 2.24 Coal _____
 Rock 0.44 Rock _____

Core Recovery: 43 % _____ %

INTERSEAM THICKNESS: 33.2

Seam No. 3 Elevation of Seam (Base) 1613.0

Seam Interval: 148.06 - 149.87

True Thickness of Mining Section: 1.63 Coal 1.32 Coal _____
 Rock 0.31 Rock _____

Core Recovery: 79 % _____ %

INTERSEAM THICKNESS: 10.3

Seam No. 4 Elevation of Seam (Base) 1624.3

Seam Interval: 128.00 - 136.88

True Thickness of Mining Section: 8.04 Coal 6.89 Coal _____
 Rock 1.15 Rock _____

Core Recovery: 82 % _____ %

INTERSEAM THICKNESS: 32.2

SAXON PROJECT (SAXON SOUTH)

HOLE NO. 7724 BEARING _____ ANGLE _____ TOTAL DEPTH _____
COORDINATES _____ COLLAR ELEVATION _____

Seam No. 5 Elevation of Seam (Base) 1663.8

Seam Interval: 90.74 - 91.20

True Thickness
of Mining Section: (0.42) Coal 0.42 Coal _____
Rock _____ Rock _____

Core Recovery: 100 % _____ %

INTERSEAM THICKNESS: 32.4

Seam No. 10 Elevation of Seam (Base) 1696.2

Seam Interval: 52.54 - 53.84

True Thickness
of Mining Section: 1.07 Coal 1.07 Coal _____
Rock _____ Rock _____

Core Recovery: 100 % _____ %

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness
of Mining Section: _____ Coal _____ Coal _____
Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness
of Mining Section: _____ Coal _____ Coal _____
Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS:

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7724 SHEET No: 1

DATE BEGUN: _____ DEPTH: _____ BEARING: 040° U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: 60° LOGGED BY: Ivan Delas CORE SIZE: H.Q.



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	7.67	7.92	0.25				Sandstone	light grey, med. to coarse grained with CaCo3,		
						26' / 7.92	highly broken			
13°		8.64	0.72				"	med. grey, silty interbedded, more silty at top		
		9.32	0.68				"	light grey, coarse grained, compact, massive		
						31' / 9.45				
	9.32	9.43	0.11				Siltstone	dark grey, massive with few carbon stringers		
	9.43	10.89	1.46				Claystone	dark grey, partly carbon laminated, broken		
						36' / 10.97				
21°	10.89	11.43	0.54				Sandstone	very silty toward top, coarse grained and massive at base, regular bedded		
	11.43	11.53	0.10				Siltstone	grey, sandy, hard, massive		
	11.53	11.67	0.14				Silty claystone	dark grey, laminated with carbon inclusions toward base, core broken <u>TOP OF BOX 2</u>		
	11.67	12.51	0.84				Sandstone	light grey, coarse grained, carbon wisps toward top, massive, regular bedded		
						41' / 12.50				
17°		14.10	1.59				"	light grey, coarse grained, CaCo3 in veins massive		
						46' / 14.02				
	14.10	14.64	0.54				Claystone	carbonaceous, highly broken		
	14.64	15.37	0.73				Sandstone	fine grained, very silty (silty sandstone), some plant fossils		
						51' / 15.54				
		15.65	0.28				Sandstone	as above		
	15.65	16.51	0.86				Rock loss			
	16.51	16.66	0.15				Claystone	dark grey, partly carbonaceous with coaly inclusions, heavily broken		
								<u>TOP OF BOX 3</u>		
		17.07	0.41				Claystone	as above		
	17.07	18.75	1.68				Claystone	as above very carbon at base		
						56' / 17.07				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7724 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						61'/18.59			
		19.18	0.43				Claystone as above		
		19.42	0.24				Claystone as above		
	19.42	19.88	0.46				Silty claystone dark grey, massive with some carbon wisps and specks		
	19.88	20.28	0.40				Claystone as claystone above		
	20.28	20.31	0.03				Silty claystone as silty claystone above		
		21.40	1.09				" " " TOP OF BOX 4		
	21.40	22.98	1.58			71'/21.64	Claystone dark grey, silty toward top, carbon, sheared		
		23.34	0.36			76'/23.16	and heavily broken at base		
		23.34	0.36				Claystone as above		
	23.34	24.38	1.04				Siltstone dark grey, occasionally sandy thin layers and carbon stringers, broken with some slickensides		
		24.58	0.20				" as above		
20 ⁰	24.58	26.06	1.48				Siltstone med. grey, sandy interbedded, massive		
		27.61	1.55			86'/26.21	Siltstone as above		
		27.91	0.30			91'/27.74	Siltstone as above, some carbon stringers, bedding disturbed and crossbedded		
	27.91	28.49	0.58				Claystone dark grey, partly carbon, broken core		
		28.71	0.22				Claystone as above		
	28.71	29.41	0.70				Coal loss		
		29.41	1.13			96'/29.26	Coal loss very carbon, with coaly wisps and inclusions, broken		
		31.66	1.12			101'/30.78	Coal loss as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7724 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						106'/32.31			
	32.83		1.17			Claystone as above			
						111'/33.83			
	33.20		0.37			Claystone as above			
						112'/34.14	TOP OF BOX 7		
	33.20	33.59	0.39			Siltstone med. grey, sandy crossbedded with some CaCo3			
							at base, massive		
	33.59	33.75	0.16			Silty claystone dark grey with few carbon wisps, compact			
	33.75	34.35	0.60			Sandstone med. grey, very fine grained, reg. bedded, massive			
		34.58	0.23			" light grey, med. grained, cross bedded, massive			
						117'/35.66	amount of CaCo3 in veins and stringers		
		35.62	1.04			" as above, more CaCo3			
						121'/36.88	"		
		37.23	1.61			" as above, silty interbedded, massive			
						126.38.40			
	37.23	37.30	0.07			Siltstone med. grey, compact and massive			
							TOP OF BOX 8		
24 ⁰	37.30	38.73	1.43			Sandstone as sandstone above			
						131'/39.93			
		39.61	0.88			"			
	39.61	40.17	0.56			Siltstone as siltstone above			
						136'/41.45			
	40.17	41.59	1.42			Sandstone med. grey, fine grained, silty thin layers and bands, occasionally toward top compact massive			
		41.76	0.17			" as above	TOP OF BOX 9		
						141'/42.98			
		42.96	1.20			"			
						145'/44.20			
	42.96	43.18	0.22			Silty claystone dark grey, very compact and massive			

HOLE No: 7724 SHEET No: 4

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
18 ⁰	43.18	44.63	1.45				Sandstone as above		
		45.55	0.92			150' / 45.72	" TOP OF BOX 10		
		45.68	0.13				"		
						154' / 46.94			
	45.68	46.18	0.50				Siltstone med. to dark grey, sandy laminated, reg. bedded, massive		
	46.18	47.22	1.04				Sandstone med. grey, fine grained with carbon. wisps and specks, bedding parallel and regular		
		48.44	1.22			158.6 / 48.34	" as above		
	48.44	48.74	0.30				Silty claystone dark grey, partly carbon, broken		
	48.74	49.39	0.65				Sandstone as sandstone above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7724 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 11</u>		
						166'/50.60			
30°	49.39	50.26	0.87			Siltstone	light grey, cross bedded, some slumping feature w/carbonaceous wisps, black claystone bands, tan FeO concretions and bands (Kaolinite?); coal stringers along bedding at 0.35, 0.42 and 0.72m.		
	50.26	50.73	0.47			Claystone	black, very carbonaceous w/thin coal bands, brownish 'kaolinite' FeO intercalations; core broken at 0.22-0.24m		
		50.79	0.06			171'/52.12	as above		
		52.23	1.44				as above		
						176'/53.64			
		52.54	0.31	0.25			as above, first 0.13m broken core, basal contact with coal characterized by broken chunks of coal		
	52.54	53.01	0.47	0.39	↑	Coal	dull metallic, first 0.18m broken core		
		53.46	0.45	0.37	10-1-1 467 8/8/77		dull (metallic, some fusain)/ bright (thin vitrain bands) 0.31-0.46m broken core		
					↓		<u>TOP OF BOX 12</u>		
		53.84	0.38	0.31			dull banded, 0.26-0.39m broken core, partly sheared		
						181'/55.17			
	53.84	54.04	0.20	0.16		Claystone	light grey w/ odd coaly wisps		
		54.20	0.16				as above, partly sheared, broken core		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7724 SHEET No: 6

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
40°	54.20	54.65	0.45				Claystone	light grey, sheared 50°; 0.32 - 0.45m. w/ thin coal bands; base broken core		
		55.33	0.68					as above w/FeO (kaolinite) concretions/intercalations		
					186'	55.69				
30°	55.33	55.62	0.29				Siltstone	light grey w/carbonaceous and dark claystone interbeds/calations, hairline calcite fillings on fractures 60°, base sandy		
35°	55.62	55.81	0.19				Sandstone	light grey, fine-medium grained, cross bedded		
	55.81	56.13	0.32				Siltstone	medium grey, claystone band at top; sandy intercalations, discontinuous calcite fracture filling 80°		
	56.13	56.33	0.20				Claystone	light grey w/FeO (kaolinite) bands, base characterized by slumping feature as 'microfolds'		
30°	56.33	56.60	0.27				Sandstone	light grey, fine grained w/dark claystone and FeO (kaolinite) bands		
30°		57.04	0.44					as above, base broken		
					191'	58.21				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7724 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 13		
27°		57.98	0.94				Sandstone	light grey, med. to coarse grained, regular, parallel	
						196'/59.74		bedding, massive	
		59.65	1.67			"		as above	
	59.65	60.54	0.89			201'/61.26	Claystone loss		
	60.54	62.00	1.46				Claystone	dark, black carbon, with slickensides CaCo ₃ and coal inclusions toward base, broken	
	62.00	62.23	0.23				Coal loss	TOP OF BOX 14	
	62.23	62.28	0.05				Claystone	as claystone above	
	62.28	63.39	1.11				Siltstone	dark grey, few sandy bands, irregular cross bedded	
						211'/64.31			
		64.96	1.57			"		as above	
18°		65.33	0.37			216'/65.84		bedding parallel and regular	
	65.33	66.22	0.89				Sandstone	fine grained, occasionally silty, laminated, massive	
								TOP OF BOX 15	
		66.46	0.24				Sandstone	as above	
						221'/67.36			
	66.46	67.58	1.12				Claystone	carbon, with coaly wisps, broken	
	67.58	67.95	0.37				Silty claystone	partly carbon, massive	
						226'/68.88			
	67.95	68.31	0.36				Claystone	as claystone above, carbonaceous, heavily broken	
22°	68.31	68.94	0.63				Sandstone	med. grey, med. grained, some carb. wisps and specks, reg. bedded	
	68.94	69.25	0.31				Silty claystone	as S. claystone above	
						231'/70.41			
	69.25	70.02	0.77				Sandstone	grey, very silty, compact, massive	
	70.02	70.32	0.30				Claystone	carbon, with coaly inclusions, highly broken	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7724 SHEET No: 8
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	70.32	70.55	0.23				TOP OF BOX 16		
						Siltstone	sandycrossbedded (bedding disturbed)		
27°	70.55	70.89	0.34			Sandstone	light grey, med. to coarse grained, reg. bedded		
	70.89	71.12	0.23			Siltstone	as siltstone above		
					236'	71.93			
		71.33	0.21			"	"		
	71.33	71.97	0.64			Claystone	dark grey with some carb. wisps and CaCo3 veins		
		72.45	0.48			"	carbon with thin coal layers highly broken		
		72.56	0.11		241'	73.46	"	as above	
		73.29	0.73			"	partly carbon, compact, reg. bedded		
	73.29	73.52	0.23			Silty claystone	dark grey, fossiliferous massive		
	73.52	73.97	0.45			Claystone	carbonaceous with coal inclusions, slickensided at top		
					246'	74.98			
	73.97	74.14	0.17			Sandstone	light grey, med. grained, massive		
							TOP OF BOX 17		
67° joint		74.45	0.31			"	as above with CaCo3 in joints		
	74.45	74.83	0.38			Siltstone	grey, sandy banded, massive		
	74.83	75.15	0.32			Claystone	dark grey, compact, slickensides at top		
					251'	76.50			
		76.11	0.96			"	carbon, heavily broken		
	76.11	76.81	0.70			Sandstone	fine grained, occasionally silty, compact		
					256'	78.03			
	76.81	77.50	0.69			Claystone	dark grey, silty at top, carbon specks toward base		
		77.60	0.10			"	carbon with coal inclusions, partly sheared, broken		
	77.60	78.00	0.40			Coal loss			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7724 SHEET No: 9

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	78.00	78.44	0.44				Claystone loss		
	78.44	78.51	0.07				Claystone and coal, thin coal layers interbedded in claystone		
	78.51	78.56	0.05			261' / 79.55	Coal dull bright		
	78.56	78.85	0.29				Coal and claystone as above, highly broken		
	78.85	78.90	0.05				Claystone carbon, broken TOP OF BOX 18		
		79.17	0.27				" "		
	79.17	79.36	0.19				Siltstone grey, sandy interbedded, parallel bedding		
	79.36	79.77	0.41				Sandstone light grey, med. to coarse grained, massive		
		81.22	1.45			266.8' / 81.08	" as above, broken at base with some CaCo3		
		81.54	0.32				" compact massive		
		82.34	0.80			271' / 82.60	" fine to med. grained, silty crossbedded, massive		
	82.34	82.97	0.53				Silty claystone dark grey with carbon stringers and specks		
		83.82	0.85			276' / 84.12	" TOP OF BOX 19		
		83.82	0.85				" as above		
	83.82	84.36	0.54				Claystone very carbon, coal inclusions and slickensides, broken		
	84.36	84.54	0.18				Siltstone med. grey with some plant fossils, massive		
27°	84.54	85.75	1.21				Sandstone fine grained, silty interbedded, reg. bedded		
		86.55	0.80			286' / 87.17	" as above		
	86.55	87.21	0.66				Silty claystone dark grey, reg. bedded, massive		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7724 SHEET No: 10

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 20		
		87.46	0.25				Silty claystone	as above	
						291'/88.70	"	"	
		88.94	1.48						
						296'/90.22	"	"	
		89.54	0.60						
	89.54	90.32	0.78				Claystone	dark grey with some coal inclusions	
		90.74	0.42	0.39			"	black, carbon. coal thin layers, broken	
						301'/91.74			
	90.74	90.87	0.13	0.12			Coal (Seam 5)	bright	
	90.87	90.94	0.07	0.06			"	dull bright	
	90.94	91.08	0.14	0.13			"	bright	
	91.08	91.20	0.12	0.11			"	bright banded, partly sheared	
	91.20	91.87	0.67	0.62			Claystone loss		
	91.87	91.91	0.04	0.04			Claystone	as claystone above	
		92.41	0.50	0.46			"	as above, sheared at base	
						306'/93.27			
		92.61	0.20				"	as above	
	92.61	92.84	0.23				Siltstone	grey, few carb. wisps, occasionally massive	
	92.84	93.10	0.26				Sandstone	fine to med. grained, compact, massive	
	93.10	93.79	0.69				Siltstone	as siltstone above	
		93.94	0.15			311'/94.79	"	"	
	93.94	94.59	0.65				Sandstone	light grey, med. grained, cross bedded	
	94.59	94.97	0.38				Siltstone	grey, compact, massive	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7724 SHEET No: 11

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	94.97	95.33	0.36				Silty claystone	dark grey with few clasts of claystone	
						316' / 96.32			
	95.33	95.83	0.50				Siltstone	as siltstone above <u>TOP OF BOX 22</u>	
		96.88	1.05				"	very sandy (sandy siltstone), massive	
						321' / 97.84			
		97.00	0.12				"	as above	
	97.00	97.51	0.51				Sandstone	light grey, silty, irreg. layers occasionally	
	97.51	97.63	0.12				Siltstone	as siltstone above	
	97.63	98.48	0.85				Sandstone	as above, silty crossbedded	
	98.48	99.02	0.54				Siltstone	as above	
	99.02	99.06	0.04				Claystone	dark grey, partly carbon, highly broken	
	99.06	99.87	0.81				Sandstone	as above, crossbedded, massive	
18°		99.97	0.10			331' / 100.89	"	"	<u>TOP OF BOX 23</u>
		101.44	1.47				"	"	
						336' / 102.41			
		102.92	1.48				"	"	
65°		104.30	1.38			341' / 103.94	"	"	<u>TOP OF BOX 24</u>
		104.50	0.20				"	"	
33°		106.12	1.62			346' / 105.46	"		
								light grey coarse grained reg. bedded with	
		107.22	1.60			351' / 106.98	"	carbon and coaly stringers CaCo3 toward top massive	
							"	"	
		108.24	0.52			356' / 108.51	"		
							"	fine to med. grained, silty toward base, parrallel bedding	

HOLE No: 7724 SHEET No: 12

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M. : _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT. : _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 25</u>		
		109.21	0.97				Sandstone as above with CaCo3 in joints		
						361' / 10.03			
32°		110.78	1.57				" "		
						366' / 11.56			
73°		112.27	1.49				" "		
Joint		113.66	1.39				" "		
						376' / 14.60			
		116.48	2.82				" "		
		116.57	0.09				" "		
						386' / 17.65			
30°		119.67	3.10				" fine grained, silty laminated, reg. bedded, massive		
						396' / 20.70			
		120.59	0.92				" as above <u>TOP OF BOX 28</u>		
65°		122.60	2.01				" fine to med grained, CaCo3 joints		
Joint						406' / 23.75			
		124.71	2.11				" as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7724 SHEET No: 13

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							SEAM 4		
							TOP OF BOX 29		
30°	124.71	125.49	0.78				Siltstone light grey, top w/thin veneer of shiny coal with sandy crossbedded phases		
						416' /	26.80		
	125.49	126.03	0.54				Claystone medium grey with silty phases		
		128.00	1.97	1.79			dark grey, core breaks marked by coal stringers as in 0.20, 0.40, 0.50, 0.54, 0.88, 1.07, 1.16 and 1.12m		
	128.00	128.34	0.34	0.31	4-1-1		Coal sheared, fusain-rich?		
		128.62	0.28	0.25	877		Missing coal		
						426' /	29.84		
25°	128.62	128.81	0.19	0.17			Siltstone light grey w/ thin sandy and claystone interbeds		
	128.81	129.09	0.28	0.25	4-2-1		Claystone black, carbonaceous, broken core, top contact-core loss		
		129.16	0.07	0.06	878		TOP OF BOX 30 as above w/ ibdd thin coal bands		
	129.16	129.26	0.10	0.09			Coal stoney, sheared		
	129.26	129.36	0.10	0.09			mixture of mainly claystone and some coal; sheared ground core and chips		
	129.36	129.47	0.11	0.10	4-3-1		Missing coal		
		129.91	0.44	0.40			Coal dull/bright, sheared top, broken core		
					879		bright banded, sheared		
		130.12	0.21	0.19			---30° contact---		
		130.14	0.02	0.02			Claystone black, carbonaceous w/ coal stringers		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7724 SHEET No: 14

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							#4 Seam continued		
							— contact —		
	130.14	130.17	0.03	0.03	↑		Coal dull banded, base sheared		
		130.20	0.03	0.03			sheared		
	130.20	130.32	0.12	0.11			Missing coal (poor)		
		130.53	0.21	0.19			Coal dull (metallic) banded, partly sheared, broken core		
		130.71	0.18	0.16			dull/bright, partly sheared, base broken		
	130.71	130.96	0.25	0.23			Missing Claystone (from Gamma Ray Log)		
	130.96	131.58	0.62	0.56			Coal bright banded, partly sheared		
						436' / 32.89			
	131.58	131.63	0.05	0.05			Missing coal		
		131.78	0.15	0.14			Coal dull (metallic) banded, partly sheared, highly broken core		
		131.87	0.09	0.08			"		
						4-4-1			
		132.24	0.37	0.34			dull/bright, partly sheared		
	132.24	132.27	0.03	0.03			Missing coal		
	132.27	132.41	0.14	0.13	880		Coal dull (metallic) banded, partly sheared, upper half-broken core		
		132.55	0.14	0.13			dull/bright		
		132.60	0.05	0.05			dull, metallic		
		133.00	0.40	0.36			sheared		
		133.29	0.29	0.26			dull/bright, sheared		
		133.37	0.08	0.07			dull (metallic) banded		
		133.57	0.20	0.18			dull metallic, sheared		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7724 SHEET No: 15

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	133.57	133.64	0.07	0.06			Coal		
		133.82	0.18	0.16	∇		sheared, stoney high sp. gr.; very bright listric surfaces dull/bright, sheared		
							<u>TOP OF BOX 31</u>		
		134.02	0.20	0.18	↑		dull/bright; 0.10 - 0.15m sheared		
		134.07	0.05	0.04			dull metallic		
		134.25	0.18	0.16			Missing coal		
		134.39	0.14	0.13			Coal sheared, core ground and chips		
		134.44	0.05	0.05			bright banded		
	134.44	134.51	0.07	0.06			Missing coal		
	134.51	134.61	0.10	0.09			Coal sheared core as chips, chunks		
						446' / 135.94			
		134.76	0.15	0.14	4-4-2 881		sheared		
		134.91	0.15	0.14			dull metallic, sheared		
		134.96	0.05	0.04			dull/bright, sheared, broken core		
		135.08	0.12	0.11			sheared		
		135.18	0.10	0.09			dull/bright, broken core as ships-packed		
	135.18	135.56	0.38	0.34			Missing coal		
	135.56	135.69	0.13	0.12			dull/bright, sheared		
		135.74	0.05	0.04			Coal sheared		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7724 SHEET No: 16

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	135.74	135.77	0.03	0.03			Coal	dull metallic		
		136.07	0.30	0.27				bright banded		
		136.11	0.04	0.04				sheared		
		136.23	0.12	0.11				bright banded		
		136.30	0.07	0.06				sheared, lower part very broken core		
	136.30	136.40	0.10	0.09			Missing	claystone		
	136.40	136.50	0.10	0.09			Claystone	black, very carbonaceous, 3 chunks, slices, sheared		
	136.50	136.68	0.18	0.16			Coal	sheared, highly broken core-chips, slices, chunks, packed		
		136.83	0.15	0.14				sheared; upper half pulverized		
		136.88	0.05	0.04				bright banded, sheared		
						454' /	38.38			
	136.88	136.98	0.10	0.09	4-5-1		Missing	claystone		
	136.98	137.44	0.46	0.42	882		Claystone	black, carbonaceous w/thin coal stringers at fractures — contact 300 —		
	137.44	137.47	0.03	0.03			Coal	bright — contact 300 —		
	137.47	137.51	0.04	0.04			Claystone	black, carbonaceous w/thin coal bands		
	137.51	137.61	0.10	0.09			Coal	bright, lower half core broken		
	137.61	137.67	0.06	0.05				interbedded coal and claystone		
	137.67	138.02	0.35	0.32			Claystone	black, carbonaceous 0.31-0.35m sheared		
						458' /	39.60			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7724 SHEET No: 17

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M. : _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT. : _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	#4 Seam	DESCRIPTION	RECOVERY	
	From	To	Thick.	True					m.Rec.	%
								BOX 32		
	138.02	138.17	0.15				Claystone	black, carbonaceous		
	138.17	138.27	0.10				Missing	claystone as below		
	138.27	138.64	0.37				Claystone	black, very carbonaceous w/coal bands, listric surfaced, slickensided, chips, chunks, slices of broken core		
	138.64	140.40	1.76			465' /	Claystone	black, slightly carbonaceous		
24°	140.40	141.98	1.58				Sandstone	light grey, fine to med. grained, occasional silty, massive		
		143.20	1.22				"	as above		
	143.20	143.53	0.33			476' /	Siltstone	med. grey with irregular silty interbeds, regular parallel beding		
		146.30	2.77				"	as above		
								TOP OF BOX 33		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7724 SHEET No: 18

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 34</u>		
	146.30	146.74	0.44				Claystone	dark grey, slightly carbonaceous w/odd thin coal stringers	
						486' /	48.13		
		148.06	1.32	1.18				as above	
	148.06	148.36	0.30	0.27	↑		Missing	coal	
		148.46	0.10	0.09			Coal	dull/bright — contact —	
	148.46	148.48	0.02	0.02			Claystone	black, carbonaceous, w/coal stringers	
	148.48	148.57	0.09	0.08			Coal	bright banded	
		148.61	0.04	0.03	3-1-1			dull (metallic) banded — contact —	
	148.61	148.75	0.14	0.12	884		Claystone	black, carbonaceous, odd coal stringers — contact —	
	148.75	149.05	0.30	0.27			Coal	bright banded	
		149.06	0.01	0.01				stoney	
		149.37	0.31	0.28				bright banded	
	149.37	149.42	0.05	0.05			Missing	coal	
	149.42	149.45	0.03	0.03			Missing	claystone	
	149.45	149.60	0.15	0.13			Claystone	black, listric surfaced, sheared, carbonaceous	
	149.60	149.79	0.19	0.17			Coal	bright banded	
		149.87	0.08	0.07				bright banded, broken core as chips/chunks .09-0.11m solid core contact w/ claystone	
	149.87	150.02	0.15	0.13	↓		Claystone	dark grey, carbonaceous w/ thin coal bands, base sheared w/ thin veneer of listric surfaced	
						496' /	151.18	coal	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7724 SHEET No: 19

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						496' / 51.18			
	150.02	150.78	0.76	0.68		Claystone as above			
		151.88	1.10			TOP OF BOX 35 as above, calcite filled fractures 35° dip at 0.31m (thinner 1mm) and 0.61m (thicker 3 cm)			
30°	151.88	152.82	0.94			Siltstone light grey with whitish, thin bands			
	152.82	153.08	0.26			Claystone black, slightly carbonaceous upper 0.0-0.04m, shaley			
		153.48	0.40			506' / 54.23 black, carbonaceous w/coal bands, top silty base broken			
	153.48	153.60	0.12		↑ 3-2-1	Coal bright banded - contact -			
	153.60	153.66	0.06		885	Claystone as above			
	153.66	154.01	0.35		↓	Coal bright banded			
	154.01	154.41	0.40			Claystone as above, top sheared, listric surfaced			
		154.46	0.05			sheared to stoney coal?			
	154.46	154.52	0.06			Missing as above			
		154.78	0.26			Claystone as above w/thin sheared coal along fractures			
		154.93	0.15			Sandstone light grey fine grained w/numerous thin calcite filled fractures dip 60°			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7724 SHEET No: 20

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
		155.14	0.21				TOP OF BOX 36		
		155.14	0.47				Sandstone	light grey, med. grained, some CaCO ₃ veins, massive	
	155.14	155.61	0.47			516' / 157.28	Silty claystone	dark grey, carbon stringers fossiliferous	
		155.97	0.36				"	as above	
	155.97	156.07	0.10				Sandstone	as sandstone above	
	156.07	156.19	0.12				Siltstone	dark, sandy, interbedded, partly carbon, compact	
	156.19	156.30	0.11				Sandstone	as one above	
	156.30	156.36	0.06				Siltstone	as above	
	156.36	156.81	0.45				Sandstone	light grey, med. to coarse grained, reg. bedded	
	156.81	157.01	0.20				Siltstone	as siltstone above	
	157.01	157.78	0.77				Sandstone	fine grained, occasionally silty, laminated, cross bedded	
30°		158.75	0.97				"	light grey, med. grained, parallel reg. bedding	
						526' / 160.32	"	as above	
		159.16	0.41				"	TOP OF BOX 37	
		159.45	0.29				"		
	159.45	160.54	1.09				Claystone	black, carbon, coal inclusions slickensided at top	
	160.54	161.50	0.96				Silty claystone	dark grey, slightly carbonaceous, some plant fossils	
	161.50	161.76	0.26				Claystone	carbon with coal stringers	
						536' / 163.37			
	161.76	162.73	0.97				Siltstone	med. grey, carbon wisps and CaCO ₃ toward base	
	162.73	163.01	0.28				Claystone	partly carbon, silty, broken	
								TOP OF BOX 38	
	163.01	163.25	0.24				Sandstone	med. grey, fine grained, CaCO ₃ at base, compact	
						541' / 164.90			
	163.25	163.61	0.36				Claystone	as claystone above	

HOLE No: 7724 SHEET No: 21

 DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____


B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	163.61	163.98	0.37				Sandstone as sandstone above		
	163.98	164.13	0.15				Claystone carbon, sheared, heavily broken		
	164.13	164.62	0.49				Sandstone fine grained with carbon inclusions, silty, slickensided		
	164.62	164.87	0.25				Claystone as claystone above		
		165.37	0.50				" carbon, laminated, some occasional coal wisps parallel bedding		
	165.37	165.64	0.27				Sandstone very fine grained, slightly silty, massive		
	165.64	165.87	0.23				Claystone as above		
	165.87	166.29	0.42			551' /	Siltstone dark grey, sandy toward base, massive		
	166.29	166.41	0.12				Sandstone fine grained, silty, reg. bedded		
	166.41	166.54	0.13				Silty claystone carbonaceous laminated compact		
	166.54	166.70	0.16				Sandstone as one above TOP OF BOX 39		
25°		167.22	0.52				" as above silty at base		
	167.22	167.51	0.29				Silty claystone dark grey partly carbon with coal wisps		
	167.51	167.93	0.42				Sandstone light grey fine grained massive		
		168.39	0.46			556' /	" as above		
	168.39	168.50	0.11				Silty claystone above		
	168.50	168.66	0.16				Claystone carbon with slickensides, broken		
	168.66	169.42	0.76				Sandstone as above		

HOLE No: 7724 SHEET No: 22

 DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____


B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						561' / 70.99			
		169.85	0.43			Sandstone	as above		
	169.85	170.45	0.60			Siltstone	dark grey, reg. bedded with some carbon wisps, compact		
	170.45	171.03	0.58			Sandstone	fine to med. grained, with few CaCo3 veins		
		171.63	0.60			"	TOP OF BOX 40 as above		
	171.63	171.89	0.26			566' / 72.52	Claystone	carbon and coal inclusions, sheared, broken	
	171.89	172.49	0.60			Sandstone	light grey, fine grained, massive		
	172.49	172.56	0.07			571' / 74.04	Silty claystone	dark grey, compact, massive	
	172.56	172.83	0.27			Sandstone	as sandstone above		
	172.83	172.96	0.13			Siltstone	med. grey with carbonaceous specks, massive		
	172.96	174.14	1.18			Sandstone	as above with CaCo3 at base		
		174.40	0.26			576' / 75.56	"	with carbon stringers and slickensides	
	174.40	174.51	0.11			Silty claystone	partly carbon, massive		
	174.51	174.94	0.43			Siltstone	sandy bands, CaCo3 at top, cross bedded		
	174.94	175.08	0.14			Claystone	TOP OF BOX 41 dark grey with silty bands		
	175.08	175.21	0.13			Siltstone	as above		
	175.21	175.38	0.17			Claystone	as claystone above		
23°	175.38	175.61	0.23			Sandstone	very fine grained, silty at top, reg. bedded		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7724 SHEET No: 23

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						581' / 77.09			
		177.14	1.53			Sandstone	light grey, fine to med. grained, silty, crossbedded,		
		178.69	1.55			586' / 78.61	thin layers, massive as above with CaCo3		
		179.07	0.38			"	"		
		179.33	0.26			"	"		
28°	179.33	180.35	1.02			Siltstone	med. to dark grey, cross bedded with sandy bands		
		180.57	0.22			596' / 81.66	"		
		180.57	181.29	0.72		Silty claystone	slightly carbon. at top, reg. bedded		
		181.29	181.47	0.18		Sandstone	very fine grained, silty, cross bedded with CaCo3, heavily broken		
		181.47	181.91	0.44		Claystone	carbon with coal wisps, broken and partly sheared at top		
		182.21	0.30			601' / 83.18	"		
		182.21	182.26	0.05		Coal	sheared Seam 3, Lower		
		182.26	182.62	0.36		Claystone	as claystone above		
		182.62	182.90	0.28		Sandstone	fine grained, carbon inclusions and slickensided occasionally		
		182.90	183.12	0.22		Claystone	as claystone above		
		183.12	183.86	0.74		Sandstone	fine grained, silty, crossbedded with stringers and veins of CaCo3, bedding disturbed and visible small bedding displacement (minor fault)		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7724 SHEET No: 24

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
		184.57	0.71				Sandstone		
					611'/'	86.23	light grey, med. grained, massive with CaCo3 (sandstone breccia), broken, shearing zone		
							*NOTE dip changes sharply as above		
		185.99	1.42				"		
					616'/'	87.76	"		
65° at top		187.36	1.37				"	TOP OF BOX 44	
90° at base		188.92	1.56				"		
					626'/'	90.80	"		
53°		190.42	1.50				bedding very disturbed, CaCo3 (sandstone breccia)		
					631'/'	92.33	"		
		191.05	0.63				as above with carbon inclusions, silty at base		
35°	191.05	191.37	0.32				Siltstone		
							dark grey, sandy, laminated some CaCo3, slickensides		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7724 SHEET No: 25

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 45</u>		
40°	191.37	191.84	0.47				Sandstone	light grey, fine grained, thin bands of claystone thin calcite filled fractures 60° as is	
		192.00	0.16				"	as above; broken core as 1" chips	
	192.00	192.20	0.20				Missing	claystone	
	192.20	192.34	0.14	0.12			Claystone	dark grey, carbonaceous w/coal stringers, 0-.06m. as chips	
	192.34	192.58	0.24	0.20			Missing	claystone	
	192.58	193.14	0.56	0.47			Missing	coal	
	193.14	193.23	0.09	0.08	2-1-1	886	Coal	sheared bright listric surfaced	
					2-2-1				
	193.23	193.36	0.13	0.11	801		Claystone	black, carbonaceous, w/coal stringers	
	193.36	193.39	0.03	0.03	01 coal 02 clyst			interbedded claystone/coal	
	193.39	193.66	0.27	0.23			Claystone	black, carbonaceous, sheared, listric surfaced, highly broken core as 1" chips, solid at 0 - .04, 0.23-0.27m	
						641' /	95.38		
	193.66	193.75	0.09	0.08	↑		Coal	stone, highly broken core as chips	
	193.75	194.48	0.73	0.62			Missing	coal	
	194.48	194.78	0.30	0.25			Coal	sheared, bright, listric surfaced	
					2-3-1				
		194.99	0.21	0.18	802		Coal	sheared, highly broken core, ground and chips packed	
	194.99	195.52	0.53	0.44			Missing	coal	
						646' /	96.90		
	195.52	195.74	0.22	0.19	↓		Coal	sheared, ground and chips core w/some claystone chips	
	195.74	195.77	0.03	0.03			Claystone	black, carbonaceous w/coal stringers	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7724 SHEET No: 26

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	195.77	196.08	0.31	0.26			Sandstone	light grey, fine grained w/growth like calcite fillings	
		196.83	0.75					as above, fractures 45° dip, slickensided at 0.23 and 0.42m	
(75)		197.39	0.56			651'/198.42		as above, steep dips near//core axis of bedding and fracture core broken along these planes	
		198.67	1.28				Sandstone	TOP OF BOX 46 fine to med. grained, fractured CaCo3 at base, bedding disturbed	
		199.67	1.00				"	as above	
		199.94	0.27			661'/201.47	"	sandstone breccia (fault zone), large amount of CaCo3, sheared, heavily broken	
		200.66	0.72				"	occasionally silty veins and stringers of CaCo3, irregular and crossbedded	
	200.66	201.13	0.47				Siltstone	TOP OF BOX 47 dark grey, occasionally sandy, compact, massive	
		201.70	0.57				"	as above	
	201.70	202.73	1.03				Sandstone	fine grained, irregular, silty beds, very folded and dip changes sharply (from 35°-80°-60°)	
(57° at base)	202.73	202.26	0.53			671'/204.52	Siltstone	dark grey, compact, massive	
		204.68	1.42				"	heavily folded at top, laminated and parallel bedding at base	
	204.68	204.76	0.08				Claystone	carbonaceous with thin coal layers, broken	
24°	204.76	204.90	0.14			676'/206.04	Sandstone	fine grained, silty interbeds, reg. parallel bedding	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7724 SHEET No: 27

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
							TOP OF BOX 48			
25°	204.90	205.35	0.45				Siltstone	medium grey w/ black claystone bands and carbonaceous laminations		
	205.35	205.88	0.53				Claystone	dark grey, carbonaceous w/ thin coal bands and silty phases		
35°	205.88	206.22	0.34				Sandstone	light grey, fine grained w/ thin carbonaceous and claystone interbeds base as chips		
	206.22	206.30	0.08	0.06		681' / 207.57		as above		
	206.30	206.68	0.38	0.30			Claystone	black, carbonaceous, coal stringers at 0 - .08 and 0.27; first .08m-broken core		
	206.68	207.08	0.40	0.31			Missing	coal		
		207.36	0.28	0.22			Coal	sheared, dull/bright; packed ground core and chips, listric surfaced		
	207.36	207.43	0.07	0.05			Claystone	black, carbonaceous w/ thin coal bands as 2 slices between groun core		
	207.43	207.56	0.13	0.10			Coal	sheared, ground core and chips packed		
		207.76	0.20	0.16	1-1-1	686' / 209.09		sheared, dull/bright		
		207.98	0.22	0.17	803		"	"		
	207.98	208.12	0.14	0.11			Missing	claystone		
	208.12	208.37	0.25	0.19			Coal	sheared, bright pieces of broken core, chips at 0.10m		
	208.37	208.77	0.40	0.31			Missing	coal		
		209.17	0.40	0.31			Coal	sheared packed highly broken core of crumbly chips		
	209.17	209.32	0.15	0.12			Missing	coal		
		209.74	0.42	0.33		691' / 210.62	Coal	sheared, bright, listric surfaced, chips packed		

SAXON PROJECT (SAXON SOUTH)

HOLE NO. 7725 BEARING 040° ANGLE 60° TOTAL DEPTH 260.15
 COORDINATES 6014342.5 N 695075.9 E COLLAR ELEVATION 1873.7

Seam No. 1 Elevation of Seam (Base) 1785.6

Seam Interval: 96.72 - 101.72

True Thickness of Mining Section: 4.29 Coal 3.97 Coal
 Rock 0.32 Rock

Core Recovery: 82 % %

INTERSEAM THICKNESS: 16.3

Seam No. 2 Elevation of Seam (Base) 1806.4

Seam Interval: 70.26 - 71.62 Upper 73.08 - 77.68 Lower

True Thickness of Mining Section: 1.15 Coal 1.15 3.97 Coal 3.97
 Rock -- Rock --

Core Recovery: 100 % 100 %

INTERSEAM THICKNESS: 1.27 Upper to Lower; 25.90

Seam No. 3 Elevation of Seam (Base) 1841.1

Seam Interval: 34.76 - 37.70

True Thickness of Mining Section: 2.60 Coal 1.98 Coal
 Rock 0.62 Rock

Core Recovery: 70 % %

INTERSEAM THICKNESS: Gething Coal is 92.2 from base of Seam 1

Seam No. Gething Elevation of Seam (Base) 1691.4

Seam Interval: 208.06 - 210.54

True Thickness of Mining Section: 2.18 Coal 2.06 Coal
 Rock 0.12 Rock

Core Recovery: 95 % %

INTERSEAM THICKNESS:

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7725 SHEET No: 1

DATE BEGUN: _____ DEPTH: _____

BEARING: 040° U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____

TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: 60°

LOGGED BY: J. Perry CORE SIZE: H.Q.



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	0.00	3.13	3.13				Casing no core recovered		
							<u>TOP OF BOX 1</u>		
	3.13	4.52	1.39				Claystone med. to dark grey, banded, carbonaceous in places, siltstone layers		
	4.52	4.57	0.05				Coal pulverized, some intermixed claystone chips		
						15'/4.57			
	4.57	5.29	0.72				Claystone dark grey, carbonaceous, plant remains, many thin coal bands		
	5.29	5.53	0.24				Core loss rock		
38°	5.53	5.77	0.24				Siltstone med. grey; sandy		
						20'/6.10			
	5.77	5.88	0.11				as above		
	5.88	7.34	1.46				Sandstone med. grey, fine grained at top grading to med. grained, silty at top silty and claystone laminae throughout, Fe stained and broken near base		
						25'/7.62			
	7.34	7.52	0.18				Claystone dark grey, carbonaceous		
							<u>TOP OF BOX 2</u>		
37°	7.52	8.92	1.40				Silty Sandstone med. grey, fine grained, many siltstone bands and claystone laminae, claystone layers at top and near and at base		
						30'/9.14			
	8.92	9.13	0.21				as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: SD 7725 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	9.13	9.37	0.24				Siltstone dark to med. grey, some claystone and thin coal bands		
	9.37	9.82	0.45				Silty Sandstone as above		
	9.82	10.51	0.69				Siltstone as above		
						35'/10.67			
	10.51	11.63	1.12				as above, claystone layers at top and base, sandstone layers at center, joint near centre; surface is smooth, regular. Ca=62°		
	11.63	11.89	0.26				Sandstone light grey, fine grained, argillaceous laminae		
							TOP OF BOX 3		
	11.89	11.97	0.08				as above		
						40'/12.19			
30°	11.97	13.55	1.58				as above, laminated near top, several claystone and siltstone layers, small scale X-bedding at base		
						45'/13.72			
	13.55	13.89	0.34				Claystone dark grey, carbonaceous, occasional coaly stringers, several thin calcite veins sub-// to bedding		
	13.89	15.09	1.20				Sandstone med. grey, fine grained, silty throughout, claystone layer in centre, claystone and siltstone bands throughout		
						50'/15.24			
	15.09	15.34	0.25				as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	15.34	15.55	0.21				Claystone dark grey, carbonaceous, thin coal bands and silty at base		
	15.55	16.00	0.45				Silty sandstone med. grey fine grained very silty with numerous siltstone and claystone bands claystone layer at base		
							<u>TOP OF BOX 4</u>		
	16.00	16.62	0.62			55'/16.76	as above		
	16.62	17.43	0.81				as above		
	17.43	18.02	0.59				Siltstone med. grey, numerous sandstone and claystone interbeds		
	18.02	18.47	0.45			60'/18.29	Silty sandstone as above		
	18.47	19.20	0.73				Siltstone as above, has 0.03m of carbonaceous powder near top sandstone bands at base		
	19.20	19.64	0.44				Claystone dark grey, carbonaceous towards base, silty at top, siltstone and sandstone interbeds		
						65'/19.81			
30°	19.64	20.27	0.63				Silty claystone dark grey alternations of siltstone and claystone bands, some calcite wisps // to bedding near top		
							<u>TOP OF BOX 5</u>		
	20.27	21.22	0.95				as above		
						70'/21.35			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 4

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	21.22	22.00	0.78				as above, sandstone bands at base		
	22.00	22.75	0.75				Sandstone med. grey, med. grained, many claystone bands		
						75'/22.86			
32°	22.75	24.32	1.57				as above, silty towards base with many claystone bands (thicker than above)		
						80'/24.84			
	24.32	24.60	0.28				Claystone dark grey, carbonaceous, sandy phases		
							TOP OF BOX 6		
	24.60	24.89	0.29				as above		
	24.89	25.17	0.28				Sandstone dark grey, med. grained, interbedded siltstone and claystone bands		
	25.17	25.92	0.75				Sandstone med. grey, med. grained, argillaceous laminae and a few carbonaceous stringers		
						85'/25.91			
	25.92	27.42	1.50				as above, occasional claystone clasts and calcite veins, fairly regular bedding		
						90'/27.43			
	27.42	27.48	0.06				as above		
	27.48	27.67	0.19				Claystone dark grey, carbonaceous		
28°	27.67	29.03	1.36				Sandstone med. grey, fine grained, thinly interbedded claystone and silty bands		
							TOP OF BOX 7		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						95'/28.76			
	29.03	30.44	1.41				as above a few carbonaceous stringers and bands, small scale X-bedding, occasional calcite veins		
						100'/30.48			
	30.44	32.03	1.59				as above, occasional coarse grained bands and coarse grained at base		
						105'/32.00			
	32.03	32.91	0.88				as above, calcite veins with voids		
	32.91	33.14	0.23			Claystone	dark grey, carbonaceous, silty bands		
						108'/32.92			
	33.14	33.33	0.19				as above		
							<u>TOP OF BOX 8</u>		
	33.33	33.58	0.25				as above, with sandstone layer near top and sandstone bands towards base		
28°	33.58	34.34	0.76			Siltstone	med. grey, claystone interbeds and sandy bands		
	34.34	34.49	0.15	0.13		Claystone	dark grey, carbonaceous, silty bands, plant remains		
						112'/34.14			
	34.49	34.61	0.12	0.11		Claystone	dark grey, carbonaceous, sheared		
	34.61	34.76	0.15	0.13		Core loss	rock		
	34.76	34.83	0.07	0.06		Coal	dull; fusain bands, heavily broken		
	34.83	34.91	0.08	0.07		Coal & Claystone	very heavily sheared, mainly claystone, heavily broken		

↑
0.04 coal
← 0.03 clay

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No. 7725 SHEET No: 6

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	34.91	35.11	0.20	0.18			Core loss	coal		
	35.11	35.23	0.12	0.11			Coal	dull & bright; fusain bands, sheared		
	35.23	35.34	0.11	0.10				d.l., sheared		
	35.34	35.42	0.08	0.07				d.l. banded, sheared		
	35.42	35.50	0.08	0.07				pulverized		
	35.50	35.60	0.10	0.09				bright banded		
	35.60	35.80	0.20	0.18			Core loss	coal		
	35.80	35.86	0.06	0.05				pulverized; dull and bright		
	35.86	35.93	0.07	0.06				pulverized; bright		
	35.93	36.00	0.07	0.06				stoney		
	36.00	36.06	0.06	0.05				dull and bright; with stoney bands		
	36.06	36.10	0.04	0.04				stoney		
	36.10	36.13	0.03	0.02	3/1/1 1 0476	117'/35.66		pulverized		
	36.13	36.40	0.27	0.24			Core loss	coal		
	36.40	36.47	0.07	0.06				d.l.; ash bands, broken		
	36.47	36.63	0.16	0.14				stoney; with fusain bands and bright, coal laminae		
	36.63	36.66	0.03	0.02			Core loss	coal		
	36.66	36.71	0.05	0.04				pulverized		
	36.71	36.77	0.06	0.05				bright banded, sheared		
	36.77	36.83	0.06	0.05				dull and bright, sheared		
	36.83	36.92	0.09	0.08				bright banded, sheared		
	36.92	37.10	0.18	0.16				stoney		
	37.10	37.22	0.12	0.11			Core loss	rock		
	37.22	37.26	0.04	0.04			Coal	pulverized		
	37.26	37.31	0.05	0.04				boney		
	37.31	37.38	0.07	0.06				sheared		
	37.38	37.45	0.07	0.06			Core loss	coal		
	37.45	37.50	0.05	0.04				dull banded; shows ophthalmic structure		
	37.50	37.54	0.04	0.04				sheared		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	37.54	37.58	0.04	0.04			boney		
	37.58	37.62	0.04	0.04			stoney		
	37.62	37.66	0.04	0.04			d.l.		
	37.66	37.70	0.04	0.04	√		stoney		
	37.70	38.15	0.45	0.40			Silty Claystone	drk grey, carbonaceous at top, occasional plant remains	
28 ⁰	38.15	38.45	0.30				Claystone	dark grey, carbonaceous, many plant fragments	
	38.45	38.55	0.10			124'/37.80	as above		
							<u>TOP OF BOX 9</u>		
	38.55	39.08	0.53				Sandstone	light grey, fine grained, claystone layer at top and bands throughout	
	39.08	39.99	0.91				Claystone	dark grey, carbonaceous, thin coal bands, particularly towards base	
						130'/39.62			
	39.99	40.06	0.07				as above		
	40.06	40.09	0.03				Coal	bright, crushed	
	40.09	40.22	0.13				Claystone	dark grey, carbonaceous, coal bands	
	40.22	40.24	0.02				Coal	bright	
	40.24	40.45	0.21				Claystone	as above with bright coal bands	
	40.45	40.54	0.09				Coal and claystone	crushed and intermixed	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	40.45	40.91	0.37				Sandstone med. grey, fine grained, claystone band at top		
	40.91	41.28	0.37				Siltstone dark grey, sandy bands		
	41.28	41.43	0.15				Sandstone as above, claystone bands and laminae		
	41.43	42.58	1.15			135'/41.15	as above		
39°	42.58	42.85	0.27				Claystone dark grey, carbonaceous, coal bands		
						140'/42.67			
	42.85	44.44	1.59				Siltstone med. grey, very sandy - almost a silty sandstone, many sandstone bands and occasional claystone bands grades to predominantly sandstone		
						145'/44.20			
	44.44	45.91	1.47				Sandstone med. grey, fine grained with med. grained bands, very silty with many siltstone and claystone bands particularly in upper half		
						150'/45.72			
37°	45.91	47.29	1.38				Sandstone med. grey, fine grained, claystone bands, med. grained sandstone bands, and argillaceous laminae		
							TOP OF BOX 11		
	47.29	47.78	0.19				as above		
						155'/47.24			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 9

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	47.48	48.11	0.63				Siltstone med. grey, very sandy with sandstone and carbonaceous claystone bands, sandstone band at top		
	48.11	48.51	0.40				Sandstone as above		
	48.51	49.02	0.51				Siltstone as above		
						160'/48.77			
41°	49.02	50.61	1.59				Sandstone med. grey, fine to med. grained, claystone bands and argillaceous laminae, regular bedding		
						165'/50.29			
	50.61	51.70	1.09				as above		
							TOP OF BOX 12		
	51.70	52.05	0.35				as above		
						170'/51.81			
	52.50	53.62	1.57				as above, X-bedding at base		
						175'/53.34			
	53.62	55.13	1.51				as above, claystone layers near centre, joint near centre, surface; smooth, regular, CA=10°		
						180'/54.86			
	55.13	56.17	1.04				as above		
							TOP OF BOX 13		
	56.17	56.63	0.46				as above		
						185'/56.37			
37°	56.63	58.15	1.52				as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 10

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						190'/57.91			
	58.15	59.68	1.53				as above X-bedding		
						195'/59.44			
	59.68	60.52	0.84				as above		
							TOP OF BOX 14		
	60.52	61.12	0.60				Sandstone med. grey, med. grained, argillaceous laminae, occasional carbonaceous laminae		
						200'/60.96			
	61.12	62.61	1.49				as above, irregular bedding at top		
						205'/62.48			
	62.61	64.08	1.47				as above		
40°	64.08	64.93	0.85			210'/64.00	as above, with occasional claystone layers		
							TOP OF BOX 15		
	64.93	65.57	0.64				as above, some plant remains		
						215'/65.53			
	65.57	67.10	1.53				Sandstone med. grey, fine to med. grained, becoming quite silty, many thin claystone and siltstone bands and argillaceous laminae		
						220'/67.06			
39°	67.10	68.65	1.55				as above		
						225'/68.58			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 11

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	68.65	69.36	0.71				Siltstone	grey, sandy, sandstone layer at top and sandstone bands and carbonaceous claystone bands		
								TOP OF BOX 16		
30 ⁰	69.36	70.17	0.81	0.70			Claystone	dark grey, carbonaceous, many plant fossils, thin coal stringers		
						230'	70.10			
	70.17	70.26	0.09	0.08				as above		
	70.26	70.32	0.06	0.05			Core loss	coal		
	70.32	70.50	0.18	0.16			Coal	sheared; pulverized		
	70.50	70.55	0.05	0.04				d.l. and bright; heavily sheared, broken		
	70.55	70.60	0.05	0.04				dull; fusain bands, sheared		
	70.60	70.72	0.12	0.10				sheared		
	70.72	70.76	0.04	0.03				d.l. banded; sheared		
	70.76	70.81	0.05	0.04	2/4/1			sheared		
	70.81	70.90	0.09	0.08	0481			dull; sheared		
	70.90	70.98	0.08	0.07				dull, slightly sheared		
	70.98	71.09	0.11	0.09				dull and bright; slightly sheared		
	71.09	71.19	0.10	0.09				dull banded; core broken		
	71.19	71.32	0.13	0.11				bright banded; sheared, heavily broken		
	71.32	71.40	0.08	0.07				pulverized, sooty coal		
	71.40	71.46	0.06	0.05				d.l. banded; sheared, heavily broken		
	71.46	71.57	0.11	0.09				pulverized		
	71.57	71.62	0.05	0.04				pulverized, high ash		
	71.62	71.70	0.08	0.07			Core loss	rock		
	71.70	71.72	0.02	0.02			Claystone	dark grey, soft		
	71.72	71.81	0.09	0.08			Siltstone	grey, sandy, plant fossils		
					2/3/1					
					0480	235'	71.63			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 12

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
30 ⁰	71.81	72.35	0.54	0.47			Silty claystone	dark grey, carbonaceous, Plant remains		
	72.35	73.08	0.73	0.63			Claystone	dark grey, carbonaceous, plant remains, not carbonaceous at base, sandstone layer in centre		
						239' / 72.85				
	73.08	73.15	0.07	0.06			Coal	dull banded		
	73.15	73.21	0.06	0.05				dull and bright		
	73.21	73.24	0.03	0.03				bright banded; broken		
	73.24	73.33	0.09	0.08				d.l. and bright		
	73.33	73.40	0.07	0.06				d.l. banded		
	73.40	73.53	0.13	0.11				d.l. and bright		
	73.53	73.55	0.02	0.02				dull; sheared		
	73.55	73.62	0.07	0.06				boney		
	73.62	73.69	0.07	0.06				d.l. banded		
	73.69	73.73	0.04	0.03				d.l.		
	73.73	73.88	0.15	0.13	2/2/1					
					0479					
	73.88	73.93	0.05	0.04				d.l. with fusain bands		
	73.93	74.18	0.25	0.22				d.l. and bright		
	74.18	74.21	0.03	0.03				d.l.		
	74.21	74.24	0.03	0.03				bright banded		
	74.24	74.28	0.04	0.03				d.l., slightly sheared		
	74.28	74.33	0.05	0.04				d.l. and bright		
	74.33	74.61	0.28	0.25				dull banded		
						244' / 74.37				
	74.61	74.69	0.08	0.07				d.l. and bright		
	74.69	74.71	0.02	0.02				dull		
	74.71	74.77	0.06	0.05				bright banded		
	74.77	74.83	0.06	0.05				d.l. and bright		
	74.83	74.90	0.07	0.06				bright banded		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 13

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M. : _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT. : _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	74.90	74.99	0.09	0.08			bright		
	74.99	75.11	0.12	0.10			d.l. banded		
	75.11	75.16	0.05	0.04			dull; sheared		
	75.16	75.19	0.03	0.03			d.l. banded		
	75.19	75.26	0.07	0.06			bright		
	75.26	75.30	0.04	0.03			d.l.		
	75.30	75.36	0.06	0.05			bright banded		
	75.36	75.40	0.04	0.03			boney		
	75.40	75.43	0.03	0.03			d.l. and bright		
	75.43	75.47	0.04	0.03	2/1/2		d.l. banded		
	75.47	75.55	0.08	0.07	0478		d.l.		
	75.55	75.59	0.04	0.03			bright		
	75.59	75.70	0.11	0.09			d.l. and bright		
	75.70	75.80	0.10	0.09			dull and some thin fusain bands		
	75.80	75.88	0.08	0.07			d.l. banded		
	75.88	75.94	0.06	0.05			bright		
	75.94	76.11	0.17	0.15			d.l. banded		
	76.11	76.17	0.06	0.05			d.l. and bright		
						249' / 75.90			
	76.17	76.24	0.07	0.06			bright banded		
	76.24	76.26	0.02	0.02			dull		
	76.26	76.36	0.10	0.09			dull; sheared and broken		
	76.36	76.41	0.05	0.04			dull; sheared		
	76.41	76.46	0.05	0.04			dull and bright; sheared		
	76.46	76.52	0.06	0.05			dull; sheared		
	76.52	76.62	0.10	0.09			d.l. banded		
	76.62	76.77	0.15	0.13	2/1/1		dull; a few thin fusain bands		
	76.77	76.87	0.10	0.09	0477		dull banded; somewhat "sooty"		
	76.87	77.00	0.13	0.11			dull; heavily broken, sheared, "sooty"		
	77.00	77.07	0.07	0.06			dull; slightly sheared		
	77.07	77.22	0.15	0.13			dull		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 14

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	77.22	77.32	0.10	0.09			dull banded		
	77.32	77.37	0.05	0.04			dull and bright		
	77.37	77.46	0.09	0.08			bright banded		
	77.46	77.52	0.06	0.05			bright		
	77.52	77.60	0.08	0.07			sheared; pulverized		
	77.60	77.68	0.08	0.07			pulverized		
						254'/77.42			
31 ⁰	77.68	78.36	0.68	0.59		Silty claystone	dark grey, carbonaceous at top, some plant fragments, less silty towards base		
							TOP OF BOX 18		
	78.36	79.13	0.77			Sandstone	med. grey, med. grained, claystone and siltstone bands and argillaceous laminae		
						259'/78.94			
	79.13	79.35	0.22				as above		
	79.35	80.36	1.01			Claystone	dark grey, carbonaceous, plant fossils, sandstone and siltstone interbeds		
	80.36	80.66	0.30			Siltstone	dark grey, claystone and sandstone bands		
						264'/80.47			
	80.66	81.01	0.35			Silty claystone	dark grey		
	81.01	81.18	0.17			Siltstone	dark grey		
	81.18	82.14	0.96			Sandstone	med. grey, med. grained, claystone bands and argillaceous laminae		
						269'/81.99			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 15

DATE BEGUN: DEPTH: BEARING: U.T.M.:

DATE FINISHED: ELEV. COLLAR: TOTAL DEPTH: COAL LICENSE:

LAT.: HOLE ANGLE: LOGGED BY: CORE SIZE:



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
30°	82.14	82.76	0.62				Siltstone grey, sandstone layer at top and sandy bands throughout, claystone bands TOP OF BOX 19		
	82.76	83.73	0.97				Sandstone med. grey, med. grained, argillaceous, laminae at top with a few carbonaceous stringers, silty towards base with claystone bands and a siltstone layer		
						274'/83.51			
25°	83.73	85.25	1.52				as above, silty at top with claystone bands and siltstone bands, cleaner towards base where argillaceous laminae and coaly stringers are present		
						279'/85.04			
	85.25	86.84	1.59				as above, coarse grained		
						284'/86.56			
	86.84	87.15	0.31				as above		
							TOP OF BOX 20		
	87.15	88.36	1.21				as above, many coaly stringers near top		
						289'/88.09			
	88.36	89.90	1.54				as above, silty at top		
						294'/89.61			
29°	89.90	91.42	1.52				as above		
						299'/91.14			
	91.42	91.49	0.07				as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 16

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 21</u>		
	91.49	92.92	1.43				Sandstone light grey, coarse to med. grained, many argillaceous laminae, carbonaceous layers and coaly stringers, laminated in places		
						304' / 92.66			
	92.92	93.51	0.59				Sandstone med. grey, fine grained with med. grained layers, many argillaceous laminae, siltstone and claystone bands, very silty towards base		
	93.51	93.63	0.12				Siltstone med. grey, very sandy at top, claystone bands		
30°	93.63	94.46	0.83				Silty claystone dark grey, siltstone bands and sandstone interbeds		
						309' / 94.18			
	94.46	94.51	0.05				as above		
	94.51	94.90	0.39				Sandstone med. grey, fine grained, siltstone and claystone interbeds		
	94.90	95.09	0.19				Claystone dark grey, carbonaceous, some sandy bands measurement includes 0.08m mud.		
	95.09	95.93	0.84				Core loss rock		
						314.5' / 95.86			
30°	95.93	96.62	0.69	0.59			Claystone as above, silty in places with some siltstone bands, plant remains, occasional thin coal bands, particularly at base		
							<u>TOP OF BOX 22</u>		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 17

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	96.62	96.72	0.10	0.09			Claystone	black, coaly heavily broken and mixed with stoney coal chips and some coal powder		
	96.72	96.81	0.09	0.08	↑		Coal	d.l.		
	96.81	96.92	0.11	0.09		d.l. and bright				
	96.92	96.97	0.05	0.04		bright				
	96.97	97.07	0.10	0.09		d.l.				
	97.07	97.16	0.09	0.08		d.l. banded				
	97.16	97.33	0.17	0.15		bright banded				
	97.33	97.41	0.08	0.07		d.l. and bright				
	97.41	97.46	0.05	0.04		bright				
	97.46	97.52	0.06	0.05		bright banded				
						1/3/1 0475	319.5 / 97.38			
	97.52	97.58	0.06	0.05			bright; with thin ash bands			
	97.58	97.64	0.06	0.05			d.l. and bright			
	97.64	97.71	0.07	0.06			d.l. banded			
	97.71	97.75	0.04	0.04			d.l. and bright			
	97.75	97.89	0.14	0.12			d.l.			
	97.89	98.07	0.18	0.15			Core loss	coal		
	98.07	98.12	0.05	0.04			d.l. banded; with pyrite			
	98.12	98.21	0.09	0.08			boney; with thin bright bands			
	98.21	98.38	0.17	0.15			d.l. banded			
	98.38	98.43	0.05	0.04			d.l. and bright; sheared			
	98.43	98.49	0.06	0.05			d.l. banded; sheared			
	98.49	98.54	0.05	0.04			sheared			
	98.54	98.66	0.12	0.10			d.l. and bright; sheared			
	98.66	98.81	0.15	0.13	1/2/1		Claystone	dark grey, carbonaceous, sheared		
	98.81	98.94	0.13	0.11	0474		Core loss	rock		
	98.94	99.00	0.06	0.05	↓		Claystone	as above, intermixed at base with coal, very heavily broken		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 18

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	99.00	99.17	0.17	0.15	↑		Core loss	coal		
	99.17	99.22	0.05	0.04			Coal	pulverized; intermixed with some claystone at top		
						324.5	/98.91			
	99.22	99.25	0.03	0.03				bright		
	99.25	99.28	0.03	0.03				stoney; with bright laminae		
	99.28	99.37	0.09	0.08				d.l. and bright		
	99.37	99.45	0.08	0.07				d.l. banded; traces of pyrite		
	99.45	99.52	0.07	0.06				d.l.; sheared		
	99.52	99.62	0.10	0.09				sheared		
	99.62	99.67	0.05	0.04				d.l. sheared; traces of pyrite		
	99.67	99.72	0.05	0.04				d.l. banded; sheared		
	99.72	99.78	0.06	0.05				d.l. and bright; sheared		
	99.78	99.90	0.12	0.10				sheared		
	99.90	100.01	0.11	0.09				pulverized; sooty (poor quality coal)		
	100.01	100.22	0.21	0.18			Core loss	coal		
	100.22	100.25	0.03	0.03	1/1/1			d.l. banded; sheared, with thin stoney band		
	100.25	100.30	0.05	0.04				sheared		
	100.30	100.38	0.08	0.07				d.l. and bright; sheared		
	100.38	100.42	0.04	0.04	0473			bright		
	100.42	100.47	0.05	0.04				d.l. and bright		
	100.47	100.51	0.04	0.03				d.l. banded; with thin fusain bands		
	100.51	100.57	0.06	0.05				d.l. and bright; core heavily broken		
	100.57	100.64	0.07	0.06				d.l.; broken		
	100.64	100.70	0.06	0.05				dull		
	100.70	100.77	0.07	0.06				sheared		
						329.5	/100.43			
	100.77	100.98	0.21	0.18			Core loss	coal		
	100.98	101.10	0.12	0.10			Coal	dull banded; some fusain bands, sheared		
	101.10	101.18	0.08	0.07				bright banded; sheared		

HOLE No: 7725 SHEET No: 19

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	101.18	101.24	0.06	0.05			dull banded		
	101.24	101.31	0.07	0.06			d.l. and bright		
	101.31	101.35	0.04	0.04			bright banded		
	101.35	101.43	0.08	0.07			d.l. and bright; traces of pyrite		
	101.43	101.48	0.05	0.04			d.l. banded; traces of pyrite		
	101.48	101.52	0.04	0.04			bright		
	101.52	101.57	0.05	0.04			dull and bright		
	101.57	101.62	0.05	0.04			dull banded		
	101.62	101.72	0.10	0.09			dull and bright; sheared		
							TOP OF BOX 23		
32°	101.72	102.49	0.77	0.66			Sandstone dark grey, med. grained, at top have very thin carbonaceous claystone band in contact with overlying coal, many thin coal stringers and argillaceous laminae		
						334.5' / 101.96			
	102.49	103.96	1.47				Sandstone med. grey, med. grained with coarse grained bands, argillaceous laminae, occasional thin coal stringers and carbonaceous bands throughout		
						340' / 103.63			
30°	103.96	105.53	1.57				as above, claystone band near centre		
						345' / 105.16			
	105.53	105.98	0.45				as above, 0.03m claystone layer at top, occasional claystone clasts and disrupted claystone bands		
	105.98	106.99	1.01				as above, thin claystone in centre		
						350' / 106.68			
							TOP OF BOX 24		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 20
 DATE BEGUN: _____ DEPTH: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____
 LAT.: _____ HOLE ANGLE: _____

BEARING: _____ U.T.M.: _____
 TOTAL DEPTH: _____ COAL LICENSE: _____
 LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	106.99	108.52	1.53				as above		
32°	108.52	109.98	1.46		355' /	08.20	as above		
					360' /	09.73			
	109.98	110.35	0.37				as above		
							TOP OF BOX 25		
	110.35	111.32	0.97				as above, massive towards base		
					365' /	11.25			
	111.32	112.90	1.58				as above, massive, occasional claystone clasts at top and base		
					370' /	12.78			
	112.90	114.48	1.58				as above		
					375' /	14.30			
	114.48	114.74	0.26				as above		
							TOP OF BOX 26		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 21

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 26		
	114.74	115.81	1.07				Sandstone as above, massive		
					380'	115.82m			
	115.81	117.26	1.45				as above		
					385'	117.35			
	117.26	118.86	1.60				as above		
					390'	118.87			
30°	118.86	119.19	0.33				as above		
							TOP OF BOX 27		
	119.19	120.42	1.23				as above		
					395'	120.40			
	120.42	121.85	1.43				as above, with occasional claystone clasts and disrupted thin claystone bands		
					400'	121.92			
	121.85	123.15	1.30				as above, laminated at top, with claystone clasts, etc.		
					405'	123.44			
	123.15	123.59	0.44				as above, massive		
							TOP OF BOX 28		
	123.59	124.02	0.43				as above		
					410'	124.97			
	124.02	125.60	1.58				as above		
					415'	126.49			
	125.60	126.80	1.20				as above, with calcite vein near centre, joint near centre, surface smooth, regular, CA=14°, core broken at base		
							Claystone		
	126.80	126.86	0.06				dark grey, silty		
					420'	128.02			
	126.86	127.06	0.20				as above, carbonaceous, with some sandy phases		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 22

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	127.06	127.92	0.86				Sandstone medium grey, fine to medium grained, with thin claystone bands near top, and occasional calcite veins		
							<u>TOP OF BOX 29</u>		
	127.92	128.11	0.19				as above		
						425' / 129.54m			
25°	128.11	129.24	1.13				as above, with dark grey, fine grained, silty sandstone bands		
	129.24	129.61	0.37				Claystone dark grey, exhibiting graded bedding with interbedded sandstone and siltstone		
						430' / 131.06			
	129.61	131.15	1.54				Sandstone light grey, fine grained, with numerous interbeds of dark grey claystone (graded)		
						435' / 132.59			
27°	131.15	132.15	1.00				as above, with claystone bands at top and base		
							<u>TOP OF BOX 30</u>		
	132.15	132.67	0.52				as above		
						440' / 134.11			
	132.61	134.14	1.47				Claystone as above		
						445' / 135.64			
	134.14	134.46	0.32				Sandstone as above		
32°	134.46	135.69	1.23				Claystone as above		
						450' / 137.16			
	135.69	136.40	0.71				Sandstone as above		

HOLE No: 7725 SHEET No: 23

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 31		
	136.40	137.20	0.80				Claystone	dark grey, exhibits graded bedding with equally thick sandstone bands, occasional siltstone bands	
						455' / 138.68m			
	137.20	138.28	1.08					as above, with sandstone band near centre containing claystone clasts, bioturbated	
	138.28	138.79	0.51				Sandstone	medium grey, fine grained, many claystone bands, some large burrows	
						460' / 140.21			
	138.79	138.99	0.20				Claystone	as above	
30°	138.99	140.32	1.33				Sandstone	medium grey, medium grained, argillaceous and carbonaceous laminae near top, otherwise massive	
						465' / 141.73			
	140.32	140.82	0.50					as above	
							TOP OF BOX 32		
	140.82	141.90	1.08					as above, occasional argillaceous bands and claystone clasts in upper part, joint near top, surface smooth, irregular, CA=23°, burrows	
						470' / 143.26			
	141.90	143.43	1.44					as above, massive, light grey toward base	
						475' / 144.78			
	143.34	144.88	1.54					as above, dark grey layers associated with dewatering structures such as sand volcanoes	
						480' / 146.30			
	144.88	145.24	0.36					as above	

HOLE No: 7725 SHEET No: 24

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 33		
	145.24	146.40	1.16				Sandstone	as above, darker layers composed of very silty sandstone, carbonaceous laminae at top	
						485' /	47.83m		
	146.40	147.32	0.92					as above	
	147.32	147.87	0.55				Sandy siltstone	dark grey, very sandy, carbonaceous flecks	
						490' /	49.35		
	147.87	149.41	1.54					as above, with sandstone bands	
						495' /	50.88		
	149.41	149.48	0.07					as above	
							TOP OF BOX 34		
	149.48	150.10	0.62					as above, sandstone band at top	
30°	150.10	150.97	0.87				Siltstone	dark grey, many thin sandstone and claystone interbeds	
						500' /	52.40		
	150.97	151.70	0.73				Sandy siltstone	with siltstone bands at base	
	151.70	152.27	0.57				Sandstone	medium grey, fine grained, with claystone bands	
								near top, thin discontinuous calcite veins at top contact, also calcite vein at base	
	152.27	152.45	0.18				Claystone	dark grey, with siltstone bands	
						505' /	53.92		
	152.45	152.65	0.20					as above, core broken	
	152.65	152.97	0.32					as above, thin claystone bands	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 25

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	152.97	153.75	0.78				Sandstone light grey, fine grained, many claystone bands, occasional claystone clasts		
	153.75	153.87	0.12				Claystone dark grey, thin sandstone bands		
							TOP OF BOX 35		
	153.87	154.08	0.21				Sandy siltstone dark grey, very sandy, with some small claystone clasts		
						510' / 155.45m			
	154.08	155.50	1.42				Sandstone light grey, fine grained, with claystone bands near top, centre, and base, occasional argillaceous laminae, otherwise massive		
						515' / 156.97			
	155.50	157.06	1.56				Claystone as above, shows graded bedding with respect to thin sandstone bands which often contain claystone clasts, some burrowing, sandstone band 0.21m thick	near	
						520' / 158.50			
27°	157.06	158.15	1.09				as above		
							TOP OF BOX 36		
	158.15	158.60	0.45				Claystone dark grey, silty, with some siltstone layers		
						525' / 160.02			
	158.60	160.01	1.41				as above, with very silty sandstone bands in upper half		
						530' / 161.54			
	160.01	161.59	1.58				as above		
						535' / 163.07			
	161.59	162.53	0.94				as above, somewhat less silty		
							TOP OF BOX 37		
	162.53	163.19	0.66				as above		
						540' / 164.59			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 26

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
32 ⁰	163.19	164.68	1.49				Claystone as above, with siltstone bands		
	164.68	165.30	0.62		545'	66.12m	as above		
	165.30	166.04	0.74				Sandstone light grey, fine grained, weathered white at top, many silty and claystone bands		
	166.04	167.02	0.98		550'	67.64	Claystone dark grey, silty, with many thin sandstone and siltstone bands, and graded bedding		
	167.02	167.42	0.40				as above		
	167.42	169.02	1.60		555'	69.16	as above		
	169.02	170.53	1.51		560'	70.69	as above		
	170.53	171.38	0.85		565'	72.21	as above		
	171.38	171.85	0.47				as above		
31 ⁰	171.85	173.42	1.57		570'	73.74	as above		
	173.42	174.98	1.56		575'	75.26	as above		
	174.98	175.68	0.70		580'	76.78	as above, silty sandstone layer at centre		
							TOP OF BOX 40		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 27

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 40		
	175.68	176.58	0.90				Claystone as above		
					585'	78.31m			
	176.58	176.09	1.51				as above		
					590'	79.83			
	178.09	179.34	1.25				as above		
					594'	81.05			
	179.34	180.14	0.80				as above, joint near top, smooth, regular, CA=47°		
							TOP OF BOX 41		
	180.14	180.94	0.80				as above		
					599'	82.58			
	180.94	182.51	1.57				as above		
					604'	84.10			
	182.51	184.02	1.51				as above		
					609'	85.62			
	184.02	184.51	0.49				as above		
							TOP OF BOX 42		
34°	184.51	185.63	1.12				as above, fine grained sandstone layer near base		
					614'	87.15			
	185.63	186.74	1.11				as above, slight increase in frequency and thickness of sandstone bands		
					618'	88.37			
30°	186.74	188.34	1.60				as above		
					623'	89.89			
	188.34	188.81	0.47				as above		
							TOP OF BOX 43		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 28

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 43</u>		
	188.81	189.26	0.45				Claystone as above		
28°	189.26	190.86	1.60			626' / 190.80	as above, joint near centre, surface smooth, regular, CA=0°		
						631' / 192.33			
	190.86	192.37	1.51				as above		
	192.37	193.16	0.79			636' / 193.85	as above		
							<u>TOP OF BOX 44</u>		
	193.16	193.91	0.75				as above, sheared claystone with thin calcite veins (0.03m in thickness) near centre		
						641' / 195.38			
	193.91	195.46	1.55				as above, silty claystone band at base		
						646' / 196.90			
	195.46	197.03	1.57				as above, with several silty claystone layers		
						651' / 198.42			
	197.03	197.49	0.46				as above, some silty claystone layers, bentonite layer at base, 0.07m in thickness		
							<u>TOP OF BOX 45</u>		
	197.49	197.88	0.39				as above, a few white flecks toward base		
	197.88	198.48	0.60				Claystone dark grey, silty, contains small pebbles of sandstone and green chert, glauconite present as small green flecks, numerous small white flecks also present. A 0.07m thick bentonite band lies 0.07m below top, larger pebbles are found toward base		
							<u>BLUESKY FORMATION EQUIVALENT</u>		
						656' / 199.95			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 29

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						656'/	99.95m		
	198.48	198.79	0.31				Cong omerate dark grey, large pebbles of sandstone, claystone, and probable chert, claystone matrix, very silty, much glauconite present.		
	198.79	199.09	0.30				Sandstone light grey, fine grained, silty, with argillaceous laminae		
	199.09	199.55	0.46				Claystone dark grey, siltstone and sandstone layers		
30°	199.55	200.05	0.50				Sandstone light grey, fine grained, silty and claystone layers		
	200.05	201.54	1.49			661'/	201.47 as above, claystone and siltstone bands at top, argillaceous laminae in lower half		
	201.54	201.76	0.22			666'/	203.00 as above		
	201.76	203.11	1.35				as above		
	203.11	204.30	1.19			671'/	204.52 as above, small scale sedimentary structures, dewatering or slump, some burrowing		
	204.30	204.60	0.30				Siltstone dark grey, sandy sandstone and claystone interbeds		
						676'/	206.04		
	204.60	205.04	0.44				as above		
	205.04	205.64	0.60				Sandstone medium grey		

HOLE No: 7725 SHEET No: 30

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
32 ⁰	205.64	206.10	0.46				Silty claystone	dark grey, siltstone, claystone, and sandstone bands		
							<u>TOP OF BOX 47</u>			
						681' / 207.51m				
	206.10	206.21	0.11				Sandstone	light grey, medium grained		
	206.21	206.86	0.65				Silty claystone	dark grey, many claystone bands, thin sandstone bands and siltstone bands		
	206.86	207.59	0.73				Sandstone	light grey, fine grained, many claystone and siltstone interbeds		
						686' / 209.09				
27 ⁰	207.59	208.06	0.47	0.42				as above		
	208.06	208.13	0.07	0.06	↑		Coal	stoney, small pyrite grains, BIRD SEAM		
	208.13	208.24	0.11	0.10				boney, small pyrite grains, and a thin discontinuous sandstone stringer		
	208.24	208.28	0.04	0.03			Claystone	dark grey, carbonaceous		
	208.28	208.30	0.02	0.02	G-1-1		Coal	d.l. and bright		
	208.30	208.37	0.07	0.06				boney, heavily sheared, broken		
	208.37	208.54	0.17	0.16			Core loss	coal		
	208.54	208.59	0.05	0.04				dull and bright, sheared and broken, some stoney chips		
	208.59	208.63	0.04	0.03				boney		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 31

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	208.63	208.66	0.03	0.03			Claystone	dark grey, carbonaceous		
	208.66	208.73	0.07	0.06			Coal	dull, heavy		
	208.73	208.76	0.03	0.03				dull banded, sheared		
	208.76	209.02	0.26	0.24				sheared, broken, some fusain bands		
					G-1-1					
	209.02	209.08	0.06	0.05				dull		
						691' / 210.62m				
	209.08	209.14	0.06	0.05				sheared		
	209.14	209.21	0.07	0.06				dull and bright, sheared		
	209.21	209.29	0.08	0.07				dull banded, sheared		
	209.29	209.35	0.06	0.05				sheared		
	209.35	209.45	0.10	0.09				dull banded, sheared		
	209.45	209.54	0.09	0.08				dull, sheared		
	209.54	209.60	0.06	0.05				dull		
	209.60	209.71	0.11	0.10				dull banded		
	209.71	209.75	0.04	0.03				sheared		
	209.75	209.83	0.08	0.07				dull and bright, sheared		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 32

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	209.83	209.90	0.07	0.06			Coal	bright banded, sheared		
	209.90	209.99	0.09	0.08				dull, sheared		
	209.99	210.05	0.06	0.05				d.l.		
	210.05	210.08	0.03	0.03				dull		
					G-1-1					
	210.08	210.29	0.21	0.19				sheared		
	210.29	210.34	0.05	0.04				bright banded, sheared		
	210.34	210.40	0.06	0.05				dull banded		
	210.40	210.47	0.07	0.06				dull, sheared		
	210.47	210.50	0.03	0.03				dull and bright, sheared		
	210.50	210.54	0.04	0.03	V			dull, sheared		
	210.54	210.58	0.04	0.03			Claystone	dark grey, carbonaceous, bright coal laminae		
						696' / 212.14m				
							<u>TOP OF BOX 48</u>			
	210.58	211.04	0.46	0.40			Claystone	dark grey, carbonaceous, thin sandstone bands		
30°	211.04	211.98	0.94				Siltstone	dark grey, sandy, plant fragments, many thin claystone and sandstone layers		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 33

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	211.98	212.15	0.17				Claystone	dark grey, carbonaceous, thin coal bands		
						701' / 213.66m				
	212.15	212.51	0.36					as above		
	212.51	212.56	0.05				Coal and claystone	powdered, chips; see geophysical log		
	212.56	212.61	0.05				Core loss	coal		
	212.61	212.65	0.04				Coal	stoney with bright bands		
	212.65	212.67	0.02					bright banded, thin ash band		
	212.67	212.74	0.07				Coal and bands	bands are of stoney coal and bright coal		
	212.74	212.86	0.12				Claystone	black, coaly		
	212.86	212.97	0.11				Coal	bright		
	212.97	213.07	0.10				Claystone	as above, with stoney and bright coal bands		
	213.07	213.12	0.05				Coal	bright, thin calcite veins		
	213.12	213.30	0.18					bright, with several ash bands		
	213.30	213.65	0.35				Claystone	dark grey, carbonaceous in places, silty bands		
						706' / 215.19				
	213.65	213.82	0.17					as above		
	213.82	213.87	0.05				Coal	dull		
	213.87	214.14	0.27				Claystone	as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 34

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
28°	214.14	214.92	0.78				Sandstone medium grey, medium grained, claystone band at top, argillaceous laminae throughout		
							<u>TOP OF BOX 49</u>		
	214.92	215.04	0.12				as above		
					711'	216.71			
	215.04	216.55	1.51				as above, occasional calcite veins, joint near top, surface is smooth, regular, CA = 20°		
					716'	218.24			
	216.55	217.25	0.70				as above		
	217.25	217.39	0.14				Core loss coal		
	217.39	217.55	0.16				Coal sheared		
	217.55	217.62	0.07				Claystone dark grey, carbonaceous		
	217.62	217.90	0.28				Sandstone medium grey, medium grained, argillaceous laminae		
	217.90	219.03	1.13				Siltstone dark grey, fine grained sandstone layer at centre many claystone interbeds		
					724'	220.68			
21°	219.03	219.15	0.12				as above		
	219.15	219.37	0.22				Sandstone as sandstone above		
	219.37	219.87	0.50				Sandstone medium grey, fine grained, claystone layer near base		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 35

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	219.87	220.10	0.23				Claystone	dark grey, carbonaceous, bright coal laminae	
	220.10	220.60	0.50				Sandstone	as above, with argillaceous laminae	
25°	220.60	220.89	0.29			729' / 220.20m	Siltstone	dark grey, sandy at top	
	220.89	220.96	0.07				Claystone	dark grey, carbonaceous, coal bands	
	220.96	220.98	0.02				Coal	dull, with ash bands	
	220.98	221.01	0.03				Claystone	black, coaly, with thin coal bands	
	221.01	221.04	0.03				Coal	bright	
	221.04	221.09	0.05				Coal and Bands	bands of coaly claystone and bright coal up to 0.01m thick	
	221.09	221.29	0.20				Core loss	coal and rock	
	221.29	221.32	0.03				Coal	sheared	
	221.32	221.37	0.05				Coal and Bands	stoney coal and bright coal	
	221.37	221.46	0.09				Claystone	black, carbonaceous, with sheared coal band	
	221.46	221.48	0.02				Coal	sheared	
	221.48	221.53	0.05					bright banded, opthalmic	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 36

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	221.53	221.57	0.04				Silty Claystone	dark grey, with coaly stringers		
	221.57	221.61	0.04				Coal	bright		
	221.61	221.93	0.32				Claystone	dark grey, carbonaceous, with coal bands and stringers		
	221.93	221.97	0.04				Coal	sheared		
	221.97	222.03	0.06				Claystone	as above		
20°	222.03	222.11	0.08				Siltstone	medium grey, with claystone interbeds		
						734' / 223.72m				
	222.11	222.26	0.15					as above		
	222.26	222.44	0.18				Claystone	dark grey, carbonaceous with bright coal bands		
	222.44	222.71	0.27				Silty Claystone	medium grey, plant remains, carbonaceous claystone bands and thin, bright coal bands		
	222.71	222.91	0.20				Siltstone	medium grey, with sandstone interbeds and claystone bands		
						730' / 224.33				
26°	222.91	223.27	0.36					as above, sandstone layers are thinner		
	223.27	223.91	0.64				Claystone	dark grey, carbonaceous, coal bands, siltstone layer at centre and base		
								Top of Box 51		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 37

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 51		
	223.91	224.21	0.30				Claystone	as above, evidence of soft sediment deformation such as sand volcanoes	
	224.21	224.34	0.13				Sandstone	medium grey, medium grained	
	224.34	225.80	1.46			740' / 225.55m		as above, argillaceous laminae, some burrows, occasional calcite veins, massive at base	
27°	225.80	227.24	1.44			751' / 228.90	Sandstone	medium grey, medium to coarse grained, generally massive, some argillaceous laminae, several zones of coaly bands and stringers	
	227.24	227.59	0.35			756' / 230.43		as above, with coaly bands	
	227.59	227.81	0.22				Core loss	rock	
	227.81	228.26	0.45				Core loss	coal	
	228.26	228.86	0.60				Claystone	dark grey, carbonaceous, sheared and broken very coaly in places	
							TOP OF BOX 52		
	228.86	228.96	0.10					as above	
	228.96	229.12	0.16			761' / 231.95		as above	
31°	229.12	229.82	0.70				Siltstone	dark grey, some plant remains, thin claystone and sandstone bands	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 38

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	229.82	230.00	0.18				Claystone	dark grey, carbonaceous, coal bands, calcite veins		
	230.00	230.58	0.58				Core loss	coal		
	230.58	230.81	0.23				Coal	sheared, pulverized		
	230.81	230.90	0.09			766' / 233.48m		dull, sheared, fusain band		
	230.90	230.98	0.08				Core loss	rock		
	230.98	231.02	0.04				Claystone	dark grey, coaly		
	231.02	231.50	0.48				Core loss	coal		
	231.50	231.58	0.08				Coal	sheared		
	231.58	231.74	0.16				Core loss	rock		
	231.74	231.84	0.10				Core loss	coal		
	231.84	231.89	0.05				Claystone	dark grey, carbonaceous		
	231.89	232.09	0.20			771' / 235.00		as above, siltstone and thin coal bands		
34°	232.09	232.79	0.64				Siltstone	medium grey, sandy, plant remains, thin claystone bands		
	232.79	233.39	0.66				Claystone	as above, siltstone layer at base		
						776' / 236.52				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 39

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	233.39	233.59	0.20				Siltstone	med. grey, core broken, much calcite veining		
	233.59	234.24	0.65				Sandstone	med. grey, med. grained, generally massive, calcite vein at top, contact shows breccia formation, possible zone of movement here		
							TOP OF BOX 53			
	234.24	234.95	0.71				as above, with argillaceous laminae and some dark grey silty sandstone layers			
						781' / 238.05				
30°	234.95	235.73	0.78				as above			
	235.73	236.13	0.40				Siltstone	dark grey, sandy at top		
	236.13	236.54	0.41				Sandstone	med. grey, fine grained, silty, many claystone laminae, bioturbated		
						786' / 239.57				
	236.54	238.10	1.56				med. grey, med. grained, calcite veining at the top with breccia formation, argillaceous laminae, siltstone layers toward base			
						791' / 241.10				
29°	238.10	238.51	0.41				as above, core broken at the top			
							TOP OF BOX 54			
	238.51	239.70	1.19				Sandstone	med. grey, fine grained, silty, laminated, small scale cross bedding towards base, claystone layers near at base, calcite veins at top		
						796' / 242.62				
	239.70	240.61	0.71				Claystone	blue grey, many silty bands		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 40

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	240.61	240.62	0.21				Claystone	dark grey, carb., sheared		
	240.62	241.02	0.40				Silty claystone	med. grey		
	241.02	241.18	0.16				Siltstone	dark grey, contains fairly coarse sand grains within a claystone matrix		
						801'/244.14				
	241.18	242.15	0.97				Silty sandstone	med. grey, with fine and coarse grained layers which are themselves less silty, calcite vein at base		
	242.15	242.71	0.56				Sandstone	med. grey, med. grained, coarse grained band near base, just above base have 0.03m thick breccia zone with calcite		
						806'/245.67				
35°	242.71	242.93	0.22					med. grey, med. grained, argillaceous laminae		
								<u>TOP OF BOX 55</u>		
	242.93	243.45	0.52					as above		
	243.45	244.23	0.78					med. grey, med. grained, with coarse grained carb. zone near top, occasional calcite veins		
						811'/247.19				
32°	244.23	245.81	1.58					as above, with occasional argillaceous laminae and carbonaceous stringers		
						816'/248.72				
	245.81	247.25	1.44					as above, claystone clasts at base, calcite veins and voids		
						821'/250.24				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 41

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	247.25	248.73	1.48				as above, disrupted claystone area with associated clasts near centre		
						826' / 251.76			
	248.73	249.04	0.31				as above		
	249.04	249.23	0.15				Claystonw dark grey, siltstone and sandstone interbeds		
	249.23	250.23	1.00				Sandstone med. grey, fine to med. grained with argillaceous laminae and thin claystone bands		
						831' / 253.29			
	250.23	250.50	0.27				Claystone as above		
38°	250.50	251.73	1.23				Sandstone as above, claystone layer at base, calcite veins at top, many veins at base, small displacement evident		
						836' / 254.81			
31°	251.73	252.87	1.14				as above, claystone layer near top, several fine grained dark layers present, one is in faulted contact with med. grained sandstone, displacement is not considered to be large scale, the fault plane is subparallel to core axis and slightly curved, displacement cannot be estimated but		
						840' / 256.03			
61°	252.87	253.02	0.15				the core in the hanging wall is not highly disturbed as above		
	253.02	254.30	1.28				Claystone dark grey, carbonaceous, many sandstone bands and layers, core is heavily broken, with several zones of highly sheared claystone, listric fractures surfaces are ubiquitous, calcite veining is present in the sandstone layers, some coal is intermixed with claystone, 0.03m above base		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7725 SHEET No: 42

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						845' / 257.56			
40 ⁰	254.30	255.42	1.12			Sandstone	med. grey, med. grained, many argillaceous and silty bands in lower half, lots of calcite veining		
						849' / 258.78			
	255.42	255.83	0.41				as above		
							TOP OF BOX 58		
	255.83	256.13	0.30				as above, calcite veins, core broken		
	256.13	256.31	0.18			Claystone	dark grey, sheared, broken		
						851' / 259.38			
	256.31	257.07	0.76				as above		
	257.07	257.84	0.77			Sandstone	med. grey, fine to med. grained, thin claystone bands and argillaceous laminae		
39 ⁰	257.84	258.66	0.82			856' / 260.91			
							as above, calcite veins with voids		
	258.66	258.95	0.29			Claystone	dark grey, plant remains, thin sandstone bands		
	258.95	259.38	0.43			Sandstone	as above		
	259.38	260.15	0.77			861' / 262.43			
							as above		
							END OF HOLE * about 2 boxes missing compared to geophysics log		

SAXON PROJECT (SAXON SOUTH)

HOLE NO. 7726 BEARING 220° ANGLE 60° TOTAL DEPTH 370.67
 COORDINATES 6013760.5 N 694568.6 E COLLAR ELEVATION 1986.9

Seam No. 1 Elevation of Seam (Base) 1673.3

Seam Interval: 357.98 - 362.16

True Thickness of Mining Section: 3.98 Coal 3.55 Coal _____
 Rock 0.43 Rock _____

Core Recovery: 95 % _____ %

INTERSEAM THICKNESS: 17.2

Seam No. 2 Elevation of Seam (Base) 1692.2

Seam Interval: 333.76 - 340.28

True Thickness of Mining Section: 6.20 Coal 5.27 Coal _____
 Rock 0.93 Rock _____

Core Recovery: 98 % _____ %

INTERSEAM THICKNESS: 33.0

Seam No. 3 Elevation of Seam (Base) 1728.0

Seam Interval: 297.74 - 298.94

True Thickness of Mining Section: 1.09 Coal 1.09 Coal _____
 Rock _____ Rock _____

Core Recovery: 91 % _____ %

INTERSEAM THICKNESS: 48.4

Seam No. 4 Elevation of Seam (Base) 1773.3

Seam Interval: 235.24 - 246.60

True Thickness of Mining Section: 10.69 Coal 9.50 Coal _____
 Rock 1.19 Rock _____

Core Recovery: 95 % _____ %

INTERSEAM THICKNESS: 33.7

SAXON PROJECT (SAXON SOUTH)

HOLE NO. 7726 BEARING _____ ANGLE _____ TOTAL DEPTH _____
COORDINATES _____ COLLAR ELEVATION _____

Seam No. 5 Elevation of Seam (Base) 1815.2

Seam Interval: 196.32 - 198.30

True Thickness of Mining Section: 1.68 Coal 1.40 Coal _____

Rock 0.28 Rock _____

Core Recovery: 100 % _____ %

INTERSEAM THICKNESS: 19.5

Seam No. 10 Elevation of Seam (Base) 1847.5

Seam Interval: 159.96 - 160.96

True Thickness of Mining Section: (0.83) Coal _____ Coal _____

Rock _____ Rock _____

Core Recovery: 100 % _____ %

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness of Mining Section: _____ Coal _____ Coal _____

Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS:

Seam No. _____ Elevation of Seam (Base) _____

Seam Interval: _____

True Thickness of Mining Section: _____ Coal _____ Coal _____

Rock _____ Rock _____

Core Recovery: _____ % _____ %

INTERSEAM THICKNESS:

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 1

DATE BEGUN: _____ DEPTH: _____ BEARING: 220° U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: 60° LOGGED BY: Ivan Delas CORE SIZE: H.Q.



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	0.0	7.82					Casing		
	7.82	8.85	1.03				Sandstone light-med. grey, med. grained, silty interbedded, a few indications of cross bedding, broken, oxidized		
						26' / 7.92			
24°		10.22	1.37				" med. grained, reg. bedded, massive		
		10.70	0.48				Sandstone (breccia) matrix of med.-coarse sandstone with occasionally silty clasts		
		10.78	0.08				Sandstone grey, crossbedded, silty		
	10.78	10.86	0.08				Siltstone grey, broken, weathered		
	10.86	11.09	0.23				Sandstone light grey, med. grained with thin silty interbeds toward top, massive		
		11.32	0.23				Sandstone (breccia) as sst breccia above		
		11.76	0.44				Sandstone light grey, med. grained, massive		
						36' / 10.97	TOP OF BOX 2		
15°		12.23	0.47				as above		
						37.6' / 11.46			
	12.23	12.33	0.10				Siltstone dark grey, highly broken, laminated		
	12.33	14.84	2.51				Sandstone as sandstone above but coarse grained		
15°		15.50	0.66			46' / 14.02	" light grey, coarse grained with few silty clasts, compact, massive		
	15.50	15.70	0.20				Siltstone as siltstone above		
	15.70	15.94	0.24				Sandstone med.-coarse grained, silty laminated and bands at base		
							TOP OF BOX 3		
		16.20	0.26				" as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 2

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
		16.66	0.46				Sandstone as above, cross bedded with thin beds of siltstone		
	16.66	16.74	0.08				Siltstone dark grey with few carbon specks, compact, massive		
	16.74	17.98	1.24				Sandstone light grey, coarse grained, reg. bedding, massive		
					56' / 17.07				
	17.98	18.12	0.14				Siltstone as siltstone above, highly broken		
	18.12	18.35	0.23				Sandstone grey, silty, laminated, heavily broken and oxidized		
		19.60	1.25				" light grey, coarse grained, silty toward base		
		20.10	0.50				" as above, thin silty layers and oxidized at base		
					61' / 18.59		TOP OF BOX 4		
		21.07	0.97				" light grey, coarse grained, uniform, bedded, massive		
					66' / 20.12				
		24.07	3.00				" as above		
					76' / 23.16				
		24.30	0.23				" as above		
							TOP OF BOX 5		
		24.48	0.18				" as above with few silty clasts at the base		
	24.48	24.54	0.06				Siltstone (breccia) silty matrix with sandy clasts		
					81' / 24.69				
		25.11	0.57				" as above		
	25.11	26.11	1.00				Sandstone (breccia) light grey, coarse grained, irregular silty clasts and CaCO ₃ at base		
					86' / 26.21				
	26.11	27.33	1.22				Sandstone light grey, coarse grained, compact		
							TOP OF BOX 6		
		28.19	0.86				" as above		
		28.46	0.27				" as above with carbon. laminae		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 3

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	28.46	28.51	0.05				Siltstone	dark grey with carbon. inclusions, slickensides, broken	
	28.51	28.63	0.12				Sandstone	grey, coarse grained carbon and coaly inclusions, regularly silty interlayers, slickensided	
	28.63	29.17	0.54				Siltstone	dark grey, uniform, massive	
	29.17	29.28	0.11				Sandstone	grey, coarse grained, with silty clasts	
		29.36	0.08				"	light grey, coarse grained, massive, silty at top	
		30.11	0.75			96'/29.26	"	as above	
	30.11	30.38	0.27				Siltstone	dark grey laminated and fossiliferous	
	30.38	30.46	0.08				Claystone	grey black, carbon	
	30.46	30.81	0.35				Siltstone	as siltstone above, sandy toward base	
	30.81	31.45	0.64				Sandstone	med. grey, very fine grained, silty laminated	
21°	31.45	31.71	0.26				Siltstone	dark grey with few carbon, specks and stringers TOP OF BOX 7	
		32.09	0.38				"	as above	
		32.09	0.32			106.32.30	Siltstone	dark med. grey irregularly sandy, thin cross beds, massive	
	32.41	32.60	0.19				Silty claystone	dark grey, uniform, massive	
	32.60	33.46	0.86				Siltstone	as above with irregular bands of sandstone	
	33.46	33.76	0.30				Claystone	dark with carbon stringers and some coaly inclusions, broken	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 4

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	33.76	34.92	1.16				Sandstone med. grey, fine grained, very silty, cross bedded, at top massive		
	34.92	35.22	0.30			116'/35.36	Siltstone dark grey, laminated, highly broken		
		36.08	0.86				" as above, sandy toward base		
		36.28	0.20				" as above TOP OF BOX 8		
	36.28	36.84	0.56				Silty claystone dark grey with carbon specks and stringers, more silty toward base		
20°	36.84	37.42	0.58				Siltstone as siltstone above		
	37.42	37.48	0.06				Sandstone light grey, med. grained, massive		
		38.27	0.79				" med. grey, very fine grained, occasionally silty beds with bedding disturbance, massive		
		40.34	2.07				" as above		
						126'/38.40	" TOP OF BOX 9		
		41.37	1.03				" as above		
33°		42.73	1.36			136'/41.45	" as above, very silty, massive		
	42.73	44.40	1.67				Siltstone dark grey, reg. bedded with carbon. specks, massive		
						146'/44.50			
	44.40	44.48	0.08				Siltstone dark grey, few plant fossils		
	44.48	44.70	0.22				Carbon. claystone broken, slickensides and thin coal beds and inclusions at base		
	44.70	45.30	0.60				Silty claystone as silty claystone above one thin (0.5 cm) coal layer at base		
	45.30	45.74	0.44				Sandstone grey, fine grained, cross bedded		
	45.74	46.04	0.30				Siltstone dark grey, carbon. specks, fossiliferous		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 5

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
28 ⁰	46.04	46.66	0.62				Sandstone	grey, coarse grained at top, fine toward base, irregular wily interbeded		
	46.66	46.90	0.24				Claystone	dark with few carbon, specks, silty at top		
	46.90	47.15	0.25				Coal	dull, banded		
						156'/47.55				
	47.15	47.19	0.04				Coal	bright, dull		
	47.19	47.69	0.50				Carbon claystone	with thin coal layers and inclusions		
	47.69	47.96	0.27				Coal	bright and breaks into cubes		
	47.96	48.01	0.05				Coal	bright, banded		
		48.04	0.03				Claystone and coal	interbeded, mixed, broken		
		48.37	0.33				Carbon claystone	broken with thin coal layers at top TOP OF BOX 11		
		49.07	0.70				"	as above		
		49.88	0.81			166'/50.60	"	as above		
	49.88	50.00	0.12				Coal	bright		
28 ⁰	50.00	51.22	1.22				Sandstone	grey, fine grained, massive, silty toward base		
	51.22	51.47	0.25				Siltstone	dark grey, uniform, compact		
	51.47	52.00	0.53				Sandstone	med. grained, massive		
	52.00	52.22	0.22				Siltstone	very sandy (sandy siltstone), med. grey		
						176'/53.64				
		52.39	0.17				Siltstone	dark grey, laminated, compact TOP OF BOX 12		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 6

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
		52.60	0.21				Siltstone as above		
	52.60	53.78	1.18				Sandstone grey, very fine grained, massive		
	53.78	54.56	0.78				Siltstone grey, sandy, massive		
	54.56	55.39	0.83				Sandstone as sandstone above		
		56.84	1.45			186' /	56.70 " as above TOP OF BOX 13		
		58.42	1.58				" "		
		59.64	1.22			196' /	59.74 " "		
	59.64	61.09	1.45				Siltstone dark grey, compact, massive		
		61.48	0.39				" as above TOP OF BOX 14		
		61.66	0.18			206' /	62.79 " "		
	61.66	62.66	1.00				Sandstone grey, very fine grained, massive		
	62.66	62.93	0.27				Claystone dark grey, carbon, broken		
	62.93	63.16	0.23				Sandstone as sandstone above, silty at top		
	63.16	63.68	0.52				Siltstone as siltstone above		
	63.68	64.37	0.69				Sandstone fine to med. grained, massive, reg. bedded with CaCo3 at base		
						216' /	65.83		
40°		64.96	0.59				" as above TOP OF BOX 15		
		66.46	1.50				" "		
		67.35	0.89				" med. grained with silty laminae and clasts of siltstone at top and base, some occasionally carb. inclusions		
	67.35	67.47	0.12				Siltstone dark grey, sandy laminated, reg. bedded		
						226' /	68.88		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 7

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
		67.63	0.16				Siltstone as above		
	67.63	67.72	0.09				Claystone dark grey, partly carbon with some coal at top		
	67.72	67.98	0.26				Silty claystone dark grey with few carbon stringers and specks		
	67.98	69.11	1.13				Sandstone fine to med. grained, silty interbedded and some bed disturbance <u>TOP OF BOX 16</u>		
	69.11	69.24	0.13				Claystone dark grey, fossiliferous		
	69.24	69.59	0.35				Sandstone med. grained, fine grained, silty interbedded irregularly		
	69.59	69.87	0.28				Claystone as claystone above		
	69.87	70.24	0.37				Sandstone as sandstone above		
	70.24	70.56	0.32				Carbon. claystone silty toward top with thin bright coal layer at base		
	70.56	71.43	0.87		236' / 71.93		Sandstone fine to med. grained with few coaly stringers, silty toward base, reg. bedded, massive		
	71.43	72.27	0.84				Silty claystone dark grey with some carbon specks, massive		
	72.27	73.40	1.13				Sandstone fine grained, very silty, cross bedded and bedding disturbed <u>TOP OF BOX 17</u>		
		73.55	0.15				" as above		
		75.00	1.45		246' / 74.98		" as above, massive, reg. bedded		
	75.00	75.26	0.26				Claystone partly carbon with coaly inclusions, slickensides		
31°	75.2	76.66	1.40				Sandstone fine to med. grained, occasionally silty, massive		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 8

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						256'/78.03			
		77.68	1.02			Sandstone as above	TOP OF BOX 18		
	77.68	77.84	0.16			Siltstone med. grained with few plant fossils, sandy, massive			
	77.84	79.20	1.36			Sandstone grey, fine-med. grained, silty thin layers, cross bedded			
	79.20	79.40	0.20			Siltstone as siltstone above			
	79.40	79.60	0.20			Silty claystone dark grey, some carbon. specks reg. bedded, massive			
						266'/81.08			
	79.60	81.03	1.43			Claystone carbon, broken, slickensides at base, some coal inclusions at the top			
	81.03	81.20	0.17			Silty claystone dark grey, massive			
28°	81.20	81.87	0.67			Sandstone fine grained, occasionally silty, regular bedded, massive			
							TOP OF BOX 19		
		82.02	0.15			" as above			
		82.65	0.63			" light grey, med. to coarse grained with few silty bands			
	82.65	82.70	0.05			Claystone dark grey, highly broken			
						276'/84.12			
	82.70	83.06	0.36			Silty claystone dark grey, regular bedded, laminated			
	83.06	84.20	1.14			Sandstone grey, very fine grained with few silty bands at base			
	84.20	84.28	0.08			Claystone dark, partly " " " " " " " "			
20°	84.28	85.21	0.93			Sandstone as sandstone above			
						286'/87.17			
		85.40	0.19			" as above			
							TOP OF BOX 20		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 9

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	85.40	87.07	1.67				Siltstone	grey, occasionally sandy bands, reg. bedding, massive		
20°	87.07	88.19	1.12				Sandstone	med. grained, silty, interbedded		
	88.19	88.34	0.15				Siltstone	as siltstone above		
						296' / 90.22	"	as above		
		88.64	0.30							
	88.64	89.45	0.81				Sandstone	as sandstone above TOP OF BOX 21		
20°		91.42	1.97				"	fine to med. grained, silty laminated, reg. bedded		
						306' / 93.27				
	91.42	91.64	0.22				Silty claystone	dark grey, fossiliferous		
	91.64	92.42	0.78				Claystone	grey, compact, some silty bands occasionally		
	92.42	93.78	1.36				Carbon claystone	black with coal stringers		
	93.78	93.86	0.08				Coal	bright, banded, highly broken		
	93.86	93.90	0.04				Coal	sheared, broken TOP OF BOX 22		
	93.90	94.00	0.10				Coal loss			
	94.00	94.10	0.10				Claystone	carbon with coaly wisps, broken		
	94.10	94.76	0.66				Claystone loss			
	94.76	95.00	0.24				Sandstone	light grey, fine grained, massive		
						316' / 96.32	"	med. grey, fine grained with some carbon stringers, bedding disturbed		
		95.17	0.17							
	95.17	95.35	0.18				Claystone	dark grey, partly carbon, fossiliferous, compact		
	95.35	95.87	0.52				Sandstone	as sandstone above		
	95.87	95.98	0.11				Claystone	carbon with few thin coal layers		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 10

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	95.98	96.26	0.28				Sandstone	fine to med. grained, cross bedded		
	96.26	98.06	1.80				Claystone	dark grey, with CaCo3, fossiliferous		
19 ⁰	98.06	98.64	0.58				Siltstone	grey with thin sandy bands and layers, regular bedded		
	98.64	98.72	0.08				Claystone	dark, partly carbon TOP OF BOX 23		
		100.04	1.32				"	as above		
	100.04	100.29	0.25				Silty claystone	dark grey, compact, few carbon specks		
	100.29	100.92	0.63			336' /	Sandstone	fine grained, silty, some plant fossils, med. grained toward base		
		101.40	0.48				"	med. to coarse grained irregular silty bands and carbon stringers		
	101.40	101.68	0.28				Siltstone	med. grey with few carbon wisps massive		
	101.68	102.47	0.79				Sandstone	light grey, coarse grained, reg. bedded, massive		
	102.47	102.79	0.32				Silty claystone	dark grey, compact, few silty layers, interbedded		
		103.10	0.31				"	as above TOP OF BOX 24		
	103.10	103.98	0.88			346' /	Sandstone	as sandstone above (coarse grained)		
		106.64	2.66				"	as above		
	106.64	107.00	0.36			356' /	Claystone	carbonaceous with coal stringers at top, broken TOP OF BOX 25		
	107.00	107.90	0.90				Siltstone	med. grey, sandy, laminated parallel bedding, massive		
25 ⁰	107.90	110.10	2.20				Sandstone	light grey, med. grained, regular bedded, massive		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 11

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						366' / 11.56			
		110.69	0.59			Sandstone	as above, crossbedded and some slickensides		
	110.69	111.25	0.56			Siltstone	grey, regular bedded, compact and massive		
	111.25	111.38	0.13			Claystone	very carbon with thin coal layers and bands, slickensides TOP OF BOX 26		
		111.75	0.37			"	as above		
	111.75	111.95	0.20			Siltstone	grey, occasionally carbon, wisps and inclusions, cross bedded and bedding disturbance visible		
	111.95	112.01	0.06			Claystone	as claystone above		
	112.01	113.11	1.10			Siltstone	grey with carbon, wisps, stringers and plant fossils, bedding disturbance at top, parallel at base		
		113.51	0.40			"	as above		
	113.51	114.58	1.07			Claystone	dark to black, carbon, coaly thin layers and stringers,		
		114.74	0.16			381' / 116.13	highly broken and sheared at base		
						"	as above		
	114.74	115.40	0.66			Silty claystone	dark grey, regular bedded, compact and massive		
	115.40	115.50	0.10			Claystone	as claystone above TOP OF BOX 27		
		116.04	0.54			"	dark grey with silty bands occasionally		
						386' / 117.66			
		117.14	1.10			"	as above		
		117.87	0.73			"	as above, silty at base, compact		
	117.87	118.18	0.31			Sandstone	light grey, med. grained with some carbon specks, massive		
	118.18	118.27	0.09			Siltstone	grey, regular bedded and massive		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 12

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	118.27	118.90	0.63				Claystone	very carbon. with coal layers at base		
	118.90	119.03	0.13				Coal	bright, partly sheared and heavily broken		
					396' /	20.70				
	119.03	119.64	0.61				Claystone	as above, toward base		
								TOP OF BOX 28		
	119.64	120.14	0.50				Silty claystone	dark grey, compact, reg. bedded		
	120.14	120.78	0.64				Claystone	carbon. with few thin coal layers, massive		
	120.78	121.43	0.65				Siltstone	grey regular bedded and massive		
	121.43	121.80	0.37				Sandstone	med. grey, very fine grained, uniform, massive		
					406' /	23.74				
	121.80	123.98	2.18				Siltstone	as siltstone above		
		124.75	0.77				"	as above		
					416' /	26.80				
28°	124.75	126.07	1.32				Sandstone	light grey, fine to med. grained, massive with CaCo3 veins at base, regular bedded		
	126.07	126.51	0.44				Siltstone	as siltstone above		
	126.51	127.19	0.68				Silty claystone	dark grey, compact, regular bedded		
		128.23	1.04				"	as above		
		128.73	0.50				"	"		
								TOP OF BOX 30		
26°	128.73	129.33	0.60				Sandstone	med. grey, fine grained, silty interbedded, parallel bedding		
	129.33	130.23	0.90				Siltstone	grey with sandy, thin layers at top, parallel bedding, massive, silty claystone toward base		
	130.23	130.59	0.36				Claystone	dark grey, partly carbon. with coaly wisps and stringers		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 13

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	130.59	131.00	0.41				Silty claystone grey, argillaceous more silty at base		
						436' /	32.90		
	131.00	131.14	0.14				Siltstone med. grey, compact, massive		
	131.14	131.34	0.20				Claystone dark grey, carbon, fossiliferous		
	131.34	131.56	0.22				Siltstone as siltstone above		
	131.56	132.50	0.94				Sandstone light grey, med. grained, regular bedded, massive		
							<u>TOP OF BOX 31</u>		
		134.19	1.69				" as above with few silty bands toward base and some carbon wisps		
						446' /	35.74		
		135.24	1.05				" as above		
30°		136.77	1.53				" light grey, coarse grained, reg. bedded, massive		
							<u>TOP OF BOX 32</u>		
		136.88	0.11				" as above		
	136.88	137.29	0.41				Claystone dark grey with some kaolinitic bands, slickensided and carbon inclusions		
						456' /	39.00		
	137.29	139.41	2.12				" as above, highly broken at top		
	139.41	139.61	0.20				Siltstone grey compact and massive		
	139.61	139.90	0.29				Silty claystone dark grey, parallel bedding, compact		
	139.90	140.30	0.40				Siltstone as siltstone above		
						466' /	42.04		
	140.30	140.99	0.69				Sandstone light grey, med. to coarse grained, massive		
							<u>TOP OF BOX 33</u>		
		141.37	0.38				" As above		

HOLE No: 7726 SHEET No: 14

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	141.37	142.24	0.87				Conglomerate	matrix of coarse grain sandstone grains < 5cm		
		142.98	0.74				"	as above but very massive uniform size of grains 3-5mm		
	142.98	143.43	0.45				Sandstone	light grey, med. grained with few conglomeratic bands and carbon wisps		
		145.09	1.66				"	as above TOP OF BOX 34		
		146.37	1.28				"	as above, med. grained at base		
					486'	48.13	"			
		147.25	0.88				"	light grey, med. grained with carbon wisps and stringers massive		
28°		149.20	1.95				"	coarse grained leg. bedded massive TOP OF BOX 35		
		149.57	0.37				"	as above		
					496'	151.18	"			
		150.67	1.10				"			
		152.42	1.75				"	as above with many carbon. stringers		
					506'	154.23	"			
		153.37	0.95				"	light grey, med. to coarse grained, regular bedding, massive		
								TOP OF BOX 36		
		155.51	2.14				"	"		
					516'	157.28	"			
25°		157.60	2.09				"	as above with few coaly stringers and carbon. inclusions		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 15

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M. : _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT. : _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

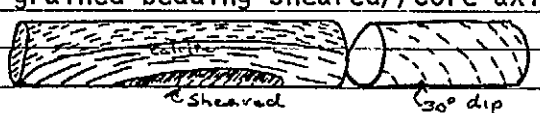


B.C.A.	UNIT		UNIT THICKNESS		GYE SAMPLE NUMBER 26-10-	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
							#10 SEAM TOP OF BOX 37			
	157.60	157.78	0.18				Sandstone light grey, medium grained, basal contact 25°, listric surfaced			
	157.78	158.68	0.90				Claystone black, carbonaceous, coal stringer near base			
						526' /				
30°	158.68	159.67	0.99		1		Siltstone light grey w/claystone laminations and carbonaceous wisps			
	159.67	159.96	0.29	0.24	2		Claystone black carbonaceous w/thin coal stringers			
	159.96	160.09	0.13	0.11	3		Coal dull, banded, metallic			
		160.22	0.13	0.11	} 4		bright banded			
		160.45	0.23	0.19		} 5		sheared; core broken to ground chips		
		160.67	0.22	0.18			} 6		dull/bright	
		160.96	0.29	0.24		} 7			sheared, core broken as ground, bright chips	
	160.96	161.08	0.12		8			Claystone black, carbonaceous, top sheared, broken core		
	161.08	161.61	0.53		9		Sandstone light grey, fine grained, sedimentary slumping features as micro overturned folds, faults in inter-bedded, -calated black claystone bands			
	161.61	161.66	0.05		} 10		Claystone black carbonaceous			
							536' /	163.37		

HOLE No: 7726 SHEET No: 16

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						536' / 63.37			
40°	161.66	161.87	0.21			Claystone	black carbonaceous w/coal stringers and silty phases		
							TOP OF BOX 38		
40°		162.31	0.44				as above		
	162.31	162.99	0.68			Sandstone	light grey fine grained w/sedimentary slumping features (earlier described) - 60o contact -		
	162.99	163.58	0.59			Claystone	black carbonaceous w/coal stringers		
50°	163.58	164.77	1.19			Sandstone	light grey fine grained w/thin calcite fracture		
		164.92	0.15			546' / 66.42	fillings		
		164.92	0.15				as above grading to silty claystone		
	164.92	165.39	0.47			Claystone	medium grey w/carbonaceous wisps and calcite fillings		
	165.39	165.88	0.49			Sandstone	light grey fine grained bedding sheared//core axis calcite veined		
30°		166.21	0.33				as above		
							TOP OF BOX 39		
30/40		167.39	1.18				as above, base grading to claystone		
	167.39	167.99	0.60			Claystone	black carbonaceous w/coaly stringers near top base very broken core		
						556' / 69.47			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 17

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						556' / 69.47	STRINGER		
	167.99	168.42	0.43				Claystone as above, middle portion very broken core		
		168.64	0.22				as above w/coal bands, highly broken core		
	168.64	168.90	0.26				Coal dull, banded, ground crumbly chips - arbitrary -		
	168.90	168.95	0.05				Claystone chips, ground core		
		168.97	0.02				black, carbonaceous		
20°	168.97	170.47	1.50				Sandstone light grey, fine grained w/wavey carbonaceous wisps and irregularly bedded claystone		
		170.77	0.30				as above <u>TOP OF BOX 40</u>		
		172.14	1.37			566' / 72.52	as above		
	172.14	172.48	0.34				Claystone black, carbonaceous, .26-.34m highly broken core		
	172.48	172.62	0.14				Sandstone as above		
		172.99	0.37			572' / 74.35	as above		
							- 30° contact -		
	172.99	174.05	1.06				Claystone black, silty near top, very carbonaceous near base		
		174.57	0.52			577' / 75.87	as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

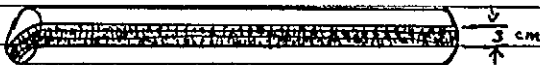
HOLE No: 7726 SHEET No: 18

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M. : _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT. : _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 41		
	174.57	175.18	0.61				as above		
						581' / 177.09			
		175.47	0.29				as above		
		175.90	0.43				as above very carbonaceous, coaly near top		
		176.01	0.11				as above		
	176.01	176.83	0.82				Siltstone medium grey, massive, sandy from .0 - .22m		
						586' / 178.61			
	176.83	177.03	0.20				Claystone black, carbonaceous silty w/coal stringers base, w/ broken coal band		
	177.03	177.43	0.40				Coal bright // core axis *no geophysical log expression		
	177.43	178.30	0.87				Sandstone light grey fine grained		
						591' / 180.14			
		178.76	0.46				as above		
							TOP OF BOX 42		
20°	178.76	179.73	0.97				Claystone dark grey w/ironstone (FeO stained tan kaolinite?) bands and intercalations		
		179.97	0.24				black, carbonaceous w/coal stringers		
30°		180.65	0.68				as above, upper half w/coal stringers middle w/ironstone bands, lower part silty and coal stringers		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 19

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							COALY ZONE		
	180.65	181.36	0.71				Claystone		
							black carbonaceous w/coal bands at .03-.05, .13 .19 and thin fracture filling at .43; discontinuous coal stringer on remainder and at base		
25°		181.73	0.37			601' / 183.18			
							as above w/odd coal stringers		
	181.73	182.36	0.63				Sandstone		
							light grey, medium grained w/silty phases		
	182.36	182.82	0.46				Claystone		
							black carbonaceous w/odd coal stringers		
	182.82	182.92	0.10						
							interbedded claystone and bright coal; .015 m. thick coal at base		
						606' / 184.71			
							TOP OF BOX 43		
	182.92	183.05	0.13	0.11			Claystone		
							as above		
	183.05	183.07	0.02	0.02			ibdd clyst.		
							coal		
	183.07	183.15	0.08	0.07			Claystone		
							as above		
	183.15	183.17	0.02	0.02			ibdd clyst		
							coal		
	183.17	183.26	0.09	0.08			Claystone		
							as above		
	183.26	183.46	0.20	0.17			Coal		
							bright, banded		
		183.49	0.03	0.03					
							dull, banded		
	183.49	183.52	0.03	0.03			idbb		
							coal and claystone		
	183.52	183.70	0.18	0.16			Coal		
							bright, banded		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 20

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	183.70	183.74	0.04	0.03			Coal	dull, banded		
	183.74	183.80	0.06	0.05			Claystone	black, carbonaceous w/ odd coal stringers		
	183.80	183.97	0.17	0.15			Coal	bright, banded		
		184.01	0.04	0.03				dull, banded		
		184.04	0.03	0.03				bright		
	184.04	184.20	0.16	0.14			Claystone	black, carbonaceous w/ ibds of thin bright coal bands		
	184.20	184.27	0.07	0.06			Coal	bright, breaks into cubes		
	184.27	184.63	0.36	0.31			Missing	interbedded coal and claystone		
	184.63	184.65	0.02	0.02			Claystone	as above		
						611' /	186.23			
		184.89	0.24				Claystone	as above		
	184.89	186.22	1.33				Sandstone	light grey, fine grained		
						616' /	187.76			
		187.53	1.31					as above		
		187.61	0.08				Claystone	as above		
							TOP OF BOX 44			
		187.82	0.21				Sandstone	light grey, fine grained, cross bedded		
						621' /	189.28			
35°		188.23	0.41					as above		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 21

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	188.23	189.43	1.20				Claystone	dark grey, slightly carbonaceous		
						626' /	190.80			
	189.43	190.00	0.57					black carbonaceous w/thin coal bands		
35°	190.00	190.73	0.73				Sandstone	light grey, fine grained w/cross bedded portions		
	190.73	191.04	0.31				Missing	sandstone		
	191.04	191.09	0.05				Claystone	as above		
						631' /	192.33			
		191.61	0.52					as above		
	191.61	192.02	0.41				Sandstone	as above		
	192.02	192.26	0.24				Siltstone	light grey		
						636' /	193.85			
		193.23	0.97					as above		
		193.73	0.50				Claystone	black, carbonaceous, lower half coaly, calcite veined		
						641' /	195.38			
		195.04	1.31					as above w/coal stringers		
		195.39	0.35				Siltstone	as above		
						646' /	196.90			
		195.75	0.36					as above		

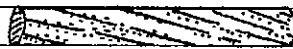
DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 22

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		EYE SAMPLE NUMBER 26-5-	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							#5 SEAM TOP OF BOX 46		
	195.75	196.32	0.57	0.48	1,2		Claystone black, carbonaceous w/ coal stringers		
	196.32	196.88	0.56	0.47	3 4 5 6	651'/198.42	Coal dull/bright; partly sheared		
		197.17	0.29	0.25			sheared		
	197.17	197.26	0.09	0.08			7	Claystone as above; top broken core	
	197.26	197.36	0.10	0.08	8		Coal bright, banded		
	197.36	197.49	0.13	0.11	9		Claystone as above w/coal bands		
	197.49	197.55	0.06	0.05	10		Coal bright w/ thin claystone laminations		
	197.55	197.66	0.11	0.09	11		Claystone as above		
	197.66	198.01	0.35	0.30	12		Coal bright, dip 70° 		
		198.30	0.29	0.25	13		bright, sheared, highly broken core chips, slices, chunks		
	198.30	198.37	0.07	0.06	14		Claystone dark grey, carbonaceous, highly broken core as above		
		198.51	0.14	0.12	15		as above		
						656'/199.95			
	198.51	199.04			16				
		200.02	1.51				as above		
						661'/201.47			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 23

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 47		
	200.02	201.28	1.26				Sandstone	fine to med. grained, silty, cross bedded at top, massive	
	201.28	201.60	0.32				Siltstone	dark grey, carbon stringers occasionally regular bedded	
		203.08	1.48			666' / 203.00	"	as above	
	203.08	203.58	0.50			671' / 204.52	Silty claystone	dark grey, compact and massive	
	203.58	204.38	0.80				Sandstone	light grey, fine to med. grained, cross bedded, some CaCo3 and slickensides at base	
		204.68	0.30				TOP OF BOX 48		
		205.09	0.41			676' / 206.04	"	as above	
	205.09	205.41	0.32				Claystone	dark grey, partly carbonaceous, very fossiliferous	
	205.41	206.13	0.72				Siltstone	med. grey, compact, reg. bedded, massive	
		207.73	1.60			681' / 207.57	"	crossbedded, very sandy	
30°	207.73	208.51	0.78			686' / 209.10	Sandstone	med. grey, very fine grained, silty interbedded, some cross bedding and disturbance at base	
	208.51	209.17	0.66				TOP OF BOX 49		
		210.77	1.60			691' / 210.62	Siltstone	light to med grey (sandy siltstone), some CaCo3 veins	
		211.23	0.46			696' / 212.14	"	as above massive and regular bedded	
	211.23	212.18	0.95				Sandstone	very fine grained broken with many CaCo3, bedding disturbed and cross bedded	
						701' / 213.66			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 24

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
23°		212.1	0.43				Sandstone as above highly broken at base with CaCo3, slickensided TOP OF BOX 50		
		213.69	1.08				" med. grey, fine to med. grained, laminated and some cross bedding		
		215.26	1.57		706'	215.19	as above		
		216.67	1.41				" TOP OF BOX 51		
		216.90	0.23				"		
18°						716'	218.24		
		218.17	1.27				" as above, more silty, laminated with carbon specks		
		220.38	2.21				" fine grained, silty, interbedded, massive		
						727'	221.59		
		220.70	0.32				" as above, with some carbon. wisps and stringers TOP OF BOX 52		
17°	220.70	221.46	0.76				Siltstone dark grey, very sandy and carbon inclusions		
						731'	222.80		
		222.88	1.42				" as above		
						736'	224.33		
		224.34	1.46				"		
17°						741'	225.86		
		224.78	0.44				" TOP OF BOX 53		
		225.94	1.16				"		
						746'	227.38		
		227.51	1.57				"		
17°						751'	228.90		
		229.05	1.54				"		
						756'	230.43		
		230.59	1.54				" TOP OF BOX 54		
		231.39	0.80				"		
						761'	231.96		
	231.39	232.08	0.69				Silty claystone grey with some carbon wisps, fossiliferous, massive and compact		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 25

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						766' / 233.48			
	232.08	232.30	0.22			Silty claystone	as above		
	232.30	232.86	0.56			Claystone	carbonaceous with coal inclusions and wisps		
	232.86	232.98	0.12			Siltstone	dark grey, interbedded with sandy layers, massive		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 26

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							#4 SEAM		
							TOP OF BOX 55		
	232.98	233.56	0.58				Claystone dark grey, slightly carbonaceous		
		234.32	0.76			771' / 235.00	Claystone black, carbonaceous w/coal stringers at .09, .12, .17, .38-.40, .59, .65, .72 m. and at base w/1cm. blocky, bright coal		
		234.78	0.46				as above calcite fracture filling at .38 m.		
	234.78	234.87	0.09	0.08	4-1-1		Coal sheared, highly broken core as chips, some chunks		
	234.87	234.93	0.06	0.06	451		Missing coal		
					8/8/77				
		235.20	0.27	0.25	↑		Claystone black, carbonaceous, top sliced as ^{50°} possible upper contact w/ coal		
					4-2-1				
					452	776' / 236.52			
					8/8/77				
		235.24	0.04	0.04	↓		as above, base w/thin coal band		
	235.24	235.50	0.26	0.24	↑		Coal dull/bright, broken core, upper .02m pulverized		
		235.71	0.21	0.20	↑		bright banded		
					4-3-1				
		235.82	0.11	0.10	453		dull/bright, sheared		
		235.99	0.17	0.16	8/8/77		dull/bright, highly broken core, pulverized ground core, chips and odd chunks		
	235.99	236.19	0.20	0.19	↓		Coal missing		
		236.28	0.09	0.08	↓		dull/bright		
					-		- contact -		
	236.28	236.29	0.01	0.01	↑		Claystone		
					↑		- contact -		
		236.33	0.04	0.04	↑		Coal bright, banded		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 27

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	236.23	236.39	0.06	0.06			Coal	dull banded		
					4-4-1					
	236.39	236.46	0.07	0.07	454			interbedded, dark grey claystone and coal (1mm bright and 3mm metallic)		
		236.53	0.07	0.07	8/8/77			as above, claystone dominate, base sheared		
						781' / 238.05				
		236.55	0.02	0.02				interbedded, dark grey claystone and coal (1mm bright and 3mm metallic)		
	236.55	236.64	0.09	0.08			Claystone	black carbonaceous w/odd coal stringers - contact -		
	236.64	236.66	0.02	0.02			Coal	bright banded		
		236.73	0.07	0.07				bright, highly broken core and chips, packed		
		236.75	0.02	0.02				bright banded		
		236.89	0.14	0.13				dull/bright		
		237.04	0.15	0.14				dull/bright		
		237.13	0.09	0.08				dull banded, metallic		
		237.21	0.08	0.08	4-5-1 455			dull/bright pronounced jointing └ coal bands as ...		
					8/8/77			TOP OF BOX 56		
		237.35	0.14	0.13				as above		
		237.49	0.14	0.13				dull banded		
	237.49	237.61	0.12	0.11				mixture of broken pieces, chips, ground core of coal, minor claystone - coal dull, banded		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 28

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	237.61	237.66	0.05	0.05			Coal dull banded, one 3mm. thick vitrain band in dull metallic matrix		
		237.73	0.07	0.07			dull/bright, broken core		
		237.77	0.04	0.04			" ,solid core		
							- contact -		
		237.80	0.03	0.03			dull metallic		
							- contact -		
		237.82	0.02	0.02			bright banded		
					4-5-1				
		237.85	0.03	0.03	455		bright, broken vitrain cubes, packed		
					8/8/77				
		237.88	0.03	0.03			bright, solid core		
							- contact -		
		237.91	0.03	0.03			dull banded		
							- contact -		
		237.96	0.05	0.05			bright		
		237.99	0.03	0.03			dull/bright, broken core as chips		
		238.19	0.20	0.19			dull banded, metallic		
		238.27	0.08	0.08			bright banded		
		238.31	0.04	0.04	↓		bright banded, broken core		
							786' / 239.57		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 29

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						786' / 239.57			
	238.31	238.43	0.12	0.11	↑	Coal	bright banded		
		238.75	0.32	0.30			bright banded		
		238.79	0.04	0.04			dull banded		
		238.93	0.14	0.13			bright banded		
		238.98	0.05	0.05			dull/metallic		
		239.03	0.05	0.05			bright banded		
					4-5-2		- contact -		
		239.05	0.02	0.02	456		dull, metallic		
					3/8/77		- contact -		
		239.08	0.03	0.03			bright		
							- contact -		
		239.12	0.04	0.04			dull banded, metallic		
							- contact -		
		239.18	0.06	0.06			dull/bright		
							- contact -		
		239.36	0.18	0.17			dull banded, metallic		
							- contact -		
		239.63	0.27	0.25			dull/bright		
							- contact -		
		239.72	0.09	0.08			dull, metallic		
		239.77	0.04	0.04	√		bright vitrain, .02 - .05 vitrain cubes	broken core	
						791' / 241.10			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 30

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						791' / 241.10			
	239.77	239.82	0.05	0.05		Coal	dull banded, metallic - contact -		
		239.89	0.07	0.07			dull metallic - contact -		
		239.91	0.02	0.02			bright banded - contact -		
		239.94	0.03	0.03			dull metallic - contact -		
		240.35	0.41	0.39	4-5-3 457		dull/bright covered - other units too thin to measure		
		240.48	0.13	0.12	8/8/77		dull, metallic, broken core as chips w/some irregular fusain		
		240.79	0.31	0.29			dull metallic, broken core as chunks, sheared		
		240.85	0.06	0.06			"		
		240.97	0.12	0.11			sheared w/fusain portions		
		241.13	0.16	0.15			dull/bright; dull is earthy sooty; fusain? TOP OF BOX 57		
		241.34	0.21	0.20			dull/bright highly broken core as ground core chips chunks		
						796' / 242.62			
		241.37	0.03	0.03			dull/bright, 3 pieces		
		241.40	0.03	0.03			dull, metallic		
		241.55	0.15	0.14			dull/bright		
		241.57	0.02	0.02			dull, metallic		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 31

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	241.57	241.58	0.01	0.01			Coal - contact - bright, vitrain		
		241.60	0.02	0.02	4-5-4 458		- contact - dull, metallic - contact -		
		241.69	0.09	0.08	8/8/77		bright banded - contact -		
		241.72	0.03	0.03			bright		
		241.81	0.09	0.08			dull/bright		
		241.82	0.01	0.01			dull, metallic		
		242.03	0.21	0.20			dull/bright		
		242.04	0.01	0.01			dull, metallic		
		242.38	0.34	0.32			bright banded		
		242.52	0.14	0.13			dull/bright, broken core		
		242.68	0.16	0.15			bright banded		
						801'/244.14			
		242.73	0.05	0.05			dull/bright		
		242.79	0.06	0.06			dull, sooty, sheared		
		242.87	0.08	0.08	↓		bright banded, sheared, base broken core as chips		
		242.94	0.05	0.05	↑		stoney w/dull, metallic bands, sliced face sheared		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 32

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	242.94	242.97	0.03	0.03	4-6-1 459		interbedded dull metallic coal and claystone as .015 coal-.005 clyst-.005 coal-.005 clyst		
		243.02	0.05	0.05	8/8/77	Coal	dull metallic		
		243.04	0.03	0.03			dull/bright, broken core		
		243.05	0.01	0.01			stoney		
		243.10	0.05	0.05			sheared		
		243.21	0.11	0.10			dull/bright		
		243.31	0.10	0.09	✓		stoney with thin, bright bands		
	243.31	243.48	0.12	0.11	↗	Claystone	sheared, broken core packed, slickensided, listric surfaced slices		
		243.55	0.07	0.07			Sheared, ground, flakey, platey, very bright surfaces		
	243.55	243.67	0.12	0.11		Coal	pulverized		
	243.67	243.70	0.03	0.03		Coal	missing		
	243.70	243.86	0.16	0.15		Coal	sheared, very bright, listric surfaces		
	243.86	243.93	0.07	0.07	4-7-1 460	Claystone	black carbonaceous w/thin coal bands		
		243.98	0.05	0.05	8/8/77	Coal	dull banded, dull stoney		
		244.11	0.13	0.12			bright banded, very matallic patches		
		244.21	0.10	0.09			dull (stoney) bright		
						806'/245.67			

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 33

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						806' / 245.67			
	244.21	244.48	0.27	0.25		Claystone	black carbonaceous w/thin coal bands		
	244.48	244.74	0.26	0.24		Coal	dull/bright, sheared, bottom .02 broken core		
	244.74	244.80	0.06	0.06		Missing	coal		
	244.80	244.88	0.08	0.08		Claystone	black carbonaceous w/ibdd coal bands at lower .035m		
	244.88	244.96	0.08	0.08		Coal	stoney w/thin bright coal bands, dull banded		
	244.96	245.00	0.04	0.04		Claystone	as above w/thin bright coal bands ibdd		
		245.02	0.02	0.02		Coal	bright banded, broken core as 4 slices		
							<u>TOP OF BOX 58</u>		
	245.02	245.16	0.14	0.13		Claystone	black, carbonaceous w/coal stringers at .06m and at base where its sheared		
							↓		
	245.16	245.27	0.11	0.10		Coal	dull banded		
		245.38	0.11	0.10	4-8-1 461		dull/bright; dull is very metallic		
		245.49	0.11	0.10	8/8/77		bright banded		
		245.54	0.05	0.05			pulverized		
		245.72	0.18	0.17			sheared		
		246.16	0.44	0.41			dull/bright		
		246.22	0.06	0.06			dull banded; broken core as packed chips, chunks,		
	246.22	246.25	0.03	0.03		Missing	claystone		
	246.25	246.34	0.09	0.08		Claystone	black carbonaceous w/very bright, platy, listric surfaced slices		

HOLE No: 7726 SHEET No: 34

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
					4-9-1	462	8/8/77		
	246.34	246.41	0.07	0.07			Coal sheared, highly broken core as chips chunks slices and vitrain bubbles		
	246.41	246.60	0.19	0.18			Missing claystone (.08m) and Coal (.11m) - from geophysical log		
	246.60	246.70	0.10				Claystone black, carbon., listric surfaced slices w/odd coal bands, top broken core		
		247.43	0.73				Claystone dark grey, slightly carbonaceous 70° dip fracture slickenside and calcite lined at 0.22m		
		247.59	0.16				as above, silty		
		247.73	0.14				as above, broken core pieces w/calcite lining, packed		
	247.73	247.89	0.16			816'/	248.72 Siltstone light grey w/calcite line fractures in broken core		
		248.31	0.42				as above, to fine grained sandstone		
		248.81	0.50				as above highly broken core breaks/core axis as elongate chunks		
		249.21	0.40				as above		
						821'/	250.24		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 34

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							<u>TOP OF BOX 59</u>		
	249.21	251.01	1.80				Sandstone	grey, very fine grained, silty, crossbedded, carbonaceous, highly broken	
						826' / 251.76			
	251.01	251.38	0.37				Silty claystone	dark grey with some carbon specks and inclusions at top, more silty at base	
	251.38	251.63	0.25				Siltstone	grey, very hard and massive	
	251.63	251.67	0.04				Silty claystone	as silty claystone above	
	251.67	251.87	0.20				Sandstone	fine grained, silty, interbedded, massive, regular bedded	
		252.45	0.58				"	light grey, med. grained, massive	
						831' / 253.29			
		252.88	0.43				"	as above	
	252.88	253.10	0.22				Siltstone	grey, sandy, highly broken	
								<u>TOP OF BOX 60</u>	
	253.10	253.61	0.51				Silty claystone	dark grey uniform compact	
	253.61	253.88	0.27				Claystone	carbon, with coaly wisps, highly broken	
	253.88	254.18	0.30				Siltstone	massive, sandy bands at base	
		254.34	0.16			836' / 254.81"		as above	
	254.34	254.60	0.26				Silty claystone	dark grey, irregular bedded some carbon. inclusions and slickensides at base	
	254.60	255.16	0.56				Claystone	carbon with thin coal layers at base	
	255.16	255.20	0.04				Coal	dull banded	
	255.20	255.41	0.21				Coal	bright, breaks into cubes	
						841' / 256.34			
	255.41	255.55	0.14				Claystone	as claystone above	

HOLE No: 7726 SHEET No: 35

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
23 ⁰	255.55	256.52	0.97				Sandstone med. grained, fine grained, crossbedded		
	256.52	256.59	0.07				Claystone and coal broken, mixed (any specific determination impossible)		
	256.59	256.73	0.14				Claystone black, carbon, slickensided with coaly inclusions, broken		
	256.73	256.96	0.23				Sandstone fine grained with silty bands, CaCo3 veins and irregular coaly wisps TOP OF BOX 61		
		257.68	0.72				" light grey med. grained CaCo3 and slickensides, coal stringers occasionally broken		
	257.68	258.14	0.46				Claystone dark grey, regular bedded, carbon, occasionally massive		
	258.14	259.48	1.34				Sandstone fine grained, silty, crossbedded, massive		
	259.48	259.96	0.48				Siltstone dark grey, crossbedded, massive		
						856'/260.90			
	259.96	261.25	1.29				Sandstone as sandstone above TOP OF BOX 62		
24 ⁰		261.45	0.20				" as above		
						864'/262.43			
	261.45	261.72	0.27				Silty claystone dark grey, compact, regular bedded, some carbon specks		
	261.72	262.08	0.36				Claystone very carbon, at top with thin coal layers, massive and silty toward base		
26 ⁰	262.08	263.00	0.92				Sandstone fine grained with occasionally silty layers, regular bedded, more silty toward base		
	263.00	263.05	0.05				Claystone partly carbon, fossiliferous, broken		
	263.05	263.93	0.88				Sandstone med. grey, fine grained, laminated, some cross bedding visible		
	263.93	264.37	0.44				Silty claystone med. grey, massive, plant fossiliferous		
	264.37	264.45	0.08				Claystone dark, partly carbon, broken		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 36

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	264.45	265.15	0.70				Silty claystone	med. grey, uniform, massive		
	265.15	265.35	0.20				Claystone	carbon, highly broken TOP OF BOX 63		
		265.46	0.11				"	as above		
	265.46	265.89	0.43				Sandstone	fine grained with carbon specks, massive		
	265.89	266.17	0.28				Claystone	partly carbon, silty toward base		
						876' /	267.00			
		266.25	0.08				"	as above		
	266.25	267.57	1.32				Siltstone	grey, carbon stringer, occasionally laminated		
						881' /	268.53			
22°		269.19	1.62				"	as above		
		269.66	0.47				"	"		
		270.65	0.99				"	as above, sandy		
						891' /	271.58			
	270.65	270.81	0.16				Claystone	carbon, with few coaly wisps		
	270.81	270.88	0.07				Silty claystone	dark grey, massive		
	270.88	271.11	0.23				Siltstone	med. grey, regular bedded, massive		
	271.11	272.18	1.07				Sandstone	med. grey, very fine grained, silty toward base		
						896' /	273.10			
	272.18	272.94	0.76				Sandstone	light grey, med. grained, slickensides at the base		
	272.94	273.14	0.20				Claystone and coal	highly broken, sheared		
						901' /	274.62			
	273.14	273.32	0.18				Coal	dull, banded, pulverized		
	273.32	273.48	0.16				Claystone	very carbon. with coal wisps and thin layers		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 37

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	273.48	273.56	0.08				Siltstone	grey, reg. bedded, compact and massive		
	273.56	273.59	0.03				Claystone	as claystone above		
	273.59	273.71	0.12				Silty claystone	dark grey with carb. inclusions		
	273.71	274.73	1.02				Sandstone	light grey, fine grained, broken with CaCo3		
		276.06	1.33			906' / 276.15	"	as above but more compact with few silty bands		
		276.65	0.59			911' / 277.67	"	very fine grained, silty at base, massive		
15 ⁰	276.65	276.73	0.08				Siltstone	med. grey, laminated, compact and massive		
	276.73	277.10	0.37				Sandstone	med. grey, fine grained, uniform, massive		
	277.10	277.32	0.22				Siltstone	as siltstone above		
	277.32	277.61	0.29				Sandstone	very fine, as one above		
		277.95	0.34			916' / 279.20	"	as above with CaCo3		
	277.95	278.15	0.20				Siltstone	as siltstone above		
	278.15	279.25	1.10				Sandstone	as above, highly broken at base		
		280.85	1.60			921' / 280.72	"	as above		
		281.87	1.02				"	light grey, med. grained, reg. bedded, massive		
		282.33	0.46				"	as above		
						931' / 283.77		TOP OF BOX 67		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 38

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
		284.00	1.67				Sandstone	as above with CaCo3 in joints, broken		
		285.38	1.38				"	as above but more coarse grained		
		286.01	0.63			941' / 286.82	"	"		
		286.94	0.93				"	"		
15°		288.45	1.51				"	"		
		290.07	1.62			951' / 289.86	"	"		
		290.30	0.23			956' / 291.30	"	"		
		291.44	1.14				"	"		
		293.04	1.60			961' / 292.91	"	"		
20°		293.89	0.85			966' / 294.44	"	as above, very coarse grained		
		293.89	0.03				"	as above highly broken with CaCo3		
	293.89	293.92	0.03				Claystone	argillaceous, broken, some clay		
	293.92	294.27	0.35				Sandstone	as above with clasts of claystone and one string of coal (20cm. from top) CaCo3 at base		
20°		294.51	0.24				"	light grey med. to coarse grained regular bedded massive		



HOLE No: 7726 SHEET No: 39

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		EYE SAMPLE NUMBER 26-3-	MARKER	#3 SEAM	DESCRIPTION	RECOVERY	
	From	To	Thick.	True					m.Rec.	%
30°	294.51	296.04	1.53			971' /	295.96 Sandstone	TOP OF BOX 70 light grey, medium grained, X bedded, base w/listric surfaced coal veneer, fracture filled w/calcite at	1.21-	1.23 m
						976' /	297.48			
	296.04	296.42	0.38							
	296.42	297.39	0.97	1				as above, at 1.06 - 1.07 m. 20° dip of sheared fracture		
	297.39	297.52	0.13							
		297.74	0.22		2	981' /	299.00	Claystone black, carbonaceous		
	297.74	297.80	0.06	0.05	3			- contact - Coal dull banded, broken core		
		297.88	0.08	0.07				bright banded		
		298.09	0.21	0.19				dull/bright, highly broken core as chunks, slices, sheared		
		298.20	0.11	0.10				sheared, broken core		
		298.23	0.03	0.03				dull metallic		
		298.32	0.09	0.08				bright banded		
		298.46	0.14	0.13				bright banded; highly broken core, chips, chunks		
	298.46	298.51	0.05	0.05	X			Missing coal		
		298.63	0.12	0.11				Coal dull/bright		
		298.74	0.11	0.10				TOP OF BOX 71 dull/bright; broken core		
		298.81	0.07	0.06				bright, banded, partly sheared		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 40

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	298.81	298.89	0.08	0.07	10		Coal	bright banded, highly broken core, chips		
	298.89	298.94	0.05	0.05		X	Coal missing			
	298.94	299.04	0.10	0.09	11		Claystone	black, carbonaceous, middle part broken core, listric		
		299.18	0.14	0.13				surfaced as above		
						986' / 300.53				
		299.82	0.64	0.58	12			as above		
		299.89	0.07	0.06	13		Claystone	black, carbonaceous with thin coal bands, top fissile		
								- contact -		
	299.89	299.98	0.09		14		Coal	dull banded, hard, dull coal w/1-2 mm vitrain interbands		
								- contact -		
	299.98	300.31	0.33				Claystone	black, carbonaceous with root like coal stringers		
		300.60	0.29					medium grey, silty		
	300.60	300.72	0.12			991' / 302.06	Missing	claystone		
	300.72	300.80	0.08				Missing	coal		
	300.80	301.01	0.21				Claystone	as above		
	301.01	301.58	0.57				Sandstone	light grey, fine grained		
20°		302.93	1.35					as above, w/dark grey claystone bands and carbonaceous wisps near top and bottom, calcite filled fracture dip 75° approx. parallel core axis		

HOLE No: 7726 SHEET No: 41

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
 DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
 LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
							TOP OF BOX 72			
	302.93	303.24	0.31				Siltstone	med. grey compact and massive		
	303.24	303.41	0.17				Silty claystone	dark grey with few carbon specks		
	303.41	303.72	0.31				Siltstone	as above		
17°	303.72	304.60	0.88				Sandstone	light grey, very fine grained, massive		
	304.60	305.30	0.70				Siltstone	med. grey with few carbon specks at base, cross bedded.		
					1005'	306.32	"	as above		
	305.63		0.33							
	305.63	306.86	1.23				Sandstone	light grey, fine grained, massive		
					1010'	307.86	"	as above		
	307.23		0.37					TOP OF BOX 73		
	308.48		1.25				"	"		
					1015'	309.37	"	"		
	310.02		1.54							
					1020'	310.90	"	"		
13°	310.73		0.71				"	as above, coarse grained		
	311.52		0.79				"	as above		
	311.62		0.10				"	TOP OF BOX 74		
					1026'	312.72	"	as above with CaCO ₃		
	311.97		0.35							
	311.97	312.18	0.21				Conglomerate	matrix of med. grained sandstone pebbles ~0.5cm		
	312.18	313.15	0.97				Sandstone	light grey, coarse grained, massive, compact bedding not visible		
					1031'	314.25	"	as above		
	314.01		0.86				"	as above		
	314.01	314.21	0.20				Conglomerate	SST matrix with irregularly dispersed pebbles		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 42

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY			
	From	To	Thick.	True				m.Rec.	%		
		314.78	0.57				Conglomerate	grained and pebbles, some coal stringers			
						1036'	315.77	"	as above		
		315.49	0.71					Sandstone	light grey, coarse grained, some coaly inclusions and slickensides		
	315.49	315.80	0.31					"	as above, massive		
		316.34	0.54						<u>TOP OF BOX 75</u>		
						1041'	317.30	"	"		
		317.83	1.49								
						1046'	318.82	"	"		
15°		319.21	1.38								
						1051'	320.34	"	"		
		320.00	0.79						<u>TOP OF BOX 76</u>		
		320.81	0.81					"	"		
						1056'	321.87	"	"		
		322.36	1.55								
						1061'	323.39	"	"		
		323.93	1.57					"	"		
						1066'	324.92	"	"		
		324.22	0.29						<u>TOP OF BOX 77</u>		
16°		325.46	1.24					"	"		
						1071'	326.84	"	"		
		327.08	1.62					"	"		
						1076'	327.96	"	"		
		328.52	1.44					"	"		
						1081'	329.49		<u>TOP OF BOX 78</u>		
20°		328.87	0.35					"	fine grained, massive, few silty bands		
		328.87	329.46	0.59				Siltstone	med. grey, cross bedded, few carbon stringers at top, massive		

HOLE No: 7726 SHEET No: 43

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	329.46	329.61	0.15				Sandstone	as sandstone above		
		331.03	1.42			1086'	"	very silty, crossbedded, some carbon inclusions		
		332.54				1091'	"			
	331.03	331.76	0.73				Siltstone	med. grey, compact, massive, fossiliferous		
	331.76	332.30	0.54				Silty claystone	dark grey, partly carbon at the top, more silty at base, fossiliferous		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 44

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							#2 SEAM ———		
							TOP OF BOX 79		
	332.30	332.59	0.29				Claystone dark grey, slightly carbonaceous		
		333.58	0.99			1096'	334.06 as above, w/silty wisps		
		333.76	0.18				black, carbonaceous, sheared, listric surfaced		
	333.76	333.89	0.13	0.12	↑		Coal dull (hard) banded; partly sheared		
		333.97	0.08	0.08			dull metallic, hard		
		334.05	0.08	0.08	2-1-1 463		dull metallic, highly broken core, chip size		
					8/8/77				
						1101'	335.58		
		334.22	0.17	0.16			dull/bright, base sheared		
		334.29	0.07	0.07			dull, metallic		
		334.61	0.32	0.30			dull/bright, 0.24 - 0.32 m broken core, sheared		
		335.00	0.39	0.37	↓		dull banded		
						1104'	336.49		
	335.00	335.84	0.84	0.80	↑		Claystone dark grey, slightly carbonaceous, massive w/odd coal stringers along fractures, base 2 slices of core		
					2-2-1				
		335.92	0.08	0.08	464		as above, highly broken core, ground and chips and mud		
					8/8/77				
						1107'	337.41		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 45

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						1107' / 337.41			
	335.92	335.97	0.05	0.05	↓	Claystone	dark grey, carbonaceous, w/thin coal bands		
	335.97	336.02	0.05	0.05	↑	Coal	dull banded		
		336.22	0.20	0.19			dull/bright, broken core		
		336.33	0.11	0.10			dull/bright		
							TOP OF BOX 80		
		336.51	0.18	0.17			dull banded		
		336.68	0.17	0.16	2-3-1		dull/bright		
		336.87	0.19	0.18	465 8/8/77		dull banded, broken core, packed		
		337.27	0.40	0.38			dull/bright		
		337.38	0.11	0.10			dull banded		
		337.62	0.24	0.23			dull/bright		
		337.76	0.14	0.13			dull (sooty) banded		
		337.86	0.10	0.10			dull/bright, broken core		
		338.01	0.15	0.14			bright banded		
		338.07	0.06	0.06			dull (fusain, sooty), banded		
		338.81	0.74	0.70	↓		bright banded, base ground core		
						1116' / 340.16			

HOLE No: 7726 SHEET No: 46DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____
DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____
LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____

B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						1116' / 340.16			
	338.81	339.01	0.20	0.19	↑	Coal	dull/bright		
		339.85	0.84	0.80	2-4-1 466		bright banded		
		340.04	0.19	0.18	8/8/77		dull (sooty)/bright		
		340.13	0.09	0.09			sheared, dull metallic		
						1121' / 341.68			
	340.13	340.26	0.13	0.12	↓	Missing	coal		
	340.26	340.28	0.02	0.02		pulverized mixtur of coal little claystone.			
							- contact-		
	340.28	340.51	0.23			Claystone	dark grey, carbonaceous w/silty phases		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 47

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
							TOP OF BOX 81		
16°	340.51	341.36	0.85				Sandstone	fine grained, regular bedded, occasionally silty	
	341.36	341.53	0.17				Silty claystone	dark grey, some carbon. inclusions and speck, massive	
	341.53	342.01	0.48				Sandstone	as sandstone above	
						1126'	343.20		
		342.07	0.06				"	"	
12°	342.07	342.43	0.36				Siltstone	med. grey, laminated, regular parallel bedding	
	342.43	343.36	0.93				Sandstone	light grey, fine to med. grained, silty banded, very compact, massive	
						1131'	344.73		
		343.91	0.55				"	as above	
	343.91	344.21	0.30				Siltstone	grey, massive, regular bedding	
	344.21	344.27	0.06				Claystone	dark grey, partly silty, broken	
	344.27	344.65	0.38				Siltstone	as siltstone above TOP OF BOX 82	
		344.92	0.27				"	"	
						1136'	346.25		
		345.87	0.95				"	"	
	345.87	346.38	0.51				Sandstone	med. grey, fine grained, compact, massive	
						1141'	347.78		
15°		348.00	1.62				"	as above with few silty bands	
		348.84	0.84			1146'	349.30"	"	
								TOP OF BOX 83	
		349.46	0.62				"	"	
						1151'	350.82		
		351.10	1.64				"	"	
						1156;	352.35		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 48

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M. : _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT. : _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY			
	From	To	Thick.	True				m.Rec.	%		
	352.52	1.42					Sandstone	med. grey, med. grained, silty interbedded,			
	352.81	0.29				1161'	353.87	some crossbedding and bedding disturbance, massive			
	353.36	0.55					"	as above TOP OF BOX 84			
							"	fine grained, silty, crossbedded at base			
	353.36	353.76	0.40				Siltstone	med. grey, few carbon specks, crossbedded			
	353.76	354.08	0.32				Sandstone	med. to coarse grained, crossbedded, massive			
						1166'	355.40	"	as above		
								"	as above		
	354.58	354.72	0.14				Claystone	dark to black, very carbon with thin coaly layers			
	354.72	354.74	0.02				Coal	bright			
	354.74	355.00	0.26				Claystone	as claystone above			
	355.00	355.47	0.47				Siltstone	med. grey, irregularly bedded, partly carbonaceous			
						1171'	356.92	"	as above		
								"	as above		
	355.68	355.97	0.29				Claystone	dark grey, carbon and plant fossils			
	355.97	356.07	0.39				Claystone	dark grey, carbon and plant fossils			
	356.07	356.48	0.41				Silty claystone	med. grey, fossiliferous, massive			
	356.48	356.50	0.02				Coal	bright			
	356.50	356.55	0.05				Claystone	black, very carbon, highly broken			
	356.55	356.88	0.33				Claystone	loss			
	356.88	356.90	0.02				Coal	bright			

HOLE No: 7726 SHEET No: 49

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
	356.90	356.99	0.09				Claystone as claystone above		
	356.99	357.30	0.31				Silty claystone partly carbon, very fossiliferous		
	357.30	357.35	0.05				Sandstone med. grey fine grained, silty, partly carbon, slickensides		

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 50

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		2 1/2" SAMPLE NUMBER 26-1-	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						1176' / 358.44	Seam 1		
							TOP OF BOX 85		
15 ⁰	357.35	357.58	0.23	0.22	1		Siltstone	medium grey, cross bedded	
	357.58	357.77	0.19	0.18	2		Claystone	dark grey, slightly carbonaceous w/silty phases	
	257.77	357.98	0.21	0.20	3		Claystone	black, carbonaceous w/thin coal bands, core broken 0.05-0.15 m sliced core face listric surfaced	
	357.98	358.13	0.15	0.14	4 5 6 7 8 9		Coal	dull metallic, hard, 0.0-0.08 core as chunks	
		358.20	0.07	0.07		bright banded			
		358.37	0.17	0.16		dull banded			
		358.71	0.34	0.32		dull/bright; dull is metallic w/some sooty fusain			
		358.86	0.15	0.14		sheared, highly broken core as chunks, chips slices			
		358.99	0.13	0.12		listric surface dull banded, metallic			
		359.16	0.17	0.16		dull/bright			
		359.22	0.06	0.06		dull banded, metallic			
		359.56	0.34	0.32		dull/bright			
		359.60	0.04	0.04	dull/bright, broken core, sheared contact w/claystone below				
					1184' / 360.88				
	359.60	359.84	0.24	0.23	10		Claystone	black, carbonaceous w/coal bands: upper and lower .04m broken very slicked faced of core listric surfaced	
	359.84	359.88	0.04	0.04	X		Missing	claystone	

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 51

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M.: _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT.: _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY		
	From	To	Thick.	True				m.Rec.	%	
	359.88	359.96	0.08	0.08	11		Coal dull, stoney w/very thin bright bands, high sp. gr, upper half broken to sheared chips			
		360.06	0.10	0.10	12		dull banded, metallic			
		360.22	0.17	0.15		dull/bright				
		360.28	0.06	0.06		dull banded, metallic				
		360.36	0.08	0.08		13		dull/bright		
		360.86	0.50	0.48	14		dull banded, metallic			
					15	1188' / 362.10				
		361.00	0.14	0.13			dull/bright - contact -			
	361.00	361.08	0.08	0.08	16		Claystone black, carbonaceous w/coal bands near top -slightly sheared contact-			
		361.40	0.32	0.30	17		Coal dull/bright, covered individual units too thin to measure, large patches of dull metallic			
								TOP OF BOX 86		
		361.49	0.09	0.09		dull/bright				
		361.60	0.11	0.10	18		bright banded			
		361.70	0.10	0.10		dull banded				
		361.81	0.11	0.10		bright banded				
						1191' / 363.02				

DENISON COAL LIMITED

DIAMOND DRILL CORE LOG

HOLE No: 7726 SHEET No: 52

DATE BEGUN: _____ DEPTH: _____ BEARING: _____ U.T.M. : _____

DATE FINISHED: _____ ELEV. COLLAR: _____ TOTAL DEPTH: _____ COAL LICENSE: _____

LAT: : _____ HOLE ANGLE: _____ LOGGED BY: _____ CORE SIZE: _____



B.C.A.	UNIT		UNIT THICKNESS		SAMPLE NUMBER	MARKER	DESCRIPTION	RECOVERY	
	From	To	Thick.	True				m.Rec.	%
						1191' / 363.02			
					19				
	361.81	361.99	0.18	0.17		Coal	dull/bright, broken core 0.15-0.18 m		
	361.99	362.16	0.17	0.16	X	Missing	coal		
	362.16	362.28	0.12	0.11		Claystone	black, carbonaceous, w/thin coal bands		
		362.31	0.03	0.03	20		as above, sheared, fissile		
	362.31	362.34	0.03	0.03		Coal	- contact-pulverized		
					21		- contact -		
	362.34	362.94	0.60			Sandstone	light grey, medium grained, massive, at 0.07 fracture filled w/coal and paralleled by carbonaceous wisps		
					22				
20°		363.45	0.51				as above, faint bedding		
20°		364.39	0.94			1196' / 364.54	"		
		364.98	0.59				" X bedded		
25°		365.79	0.81			1201' / 366.06	as above, better bedding, striations		
						1204' / 366.98			

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