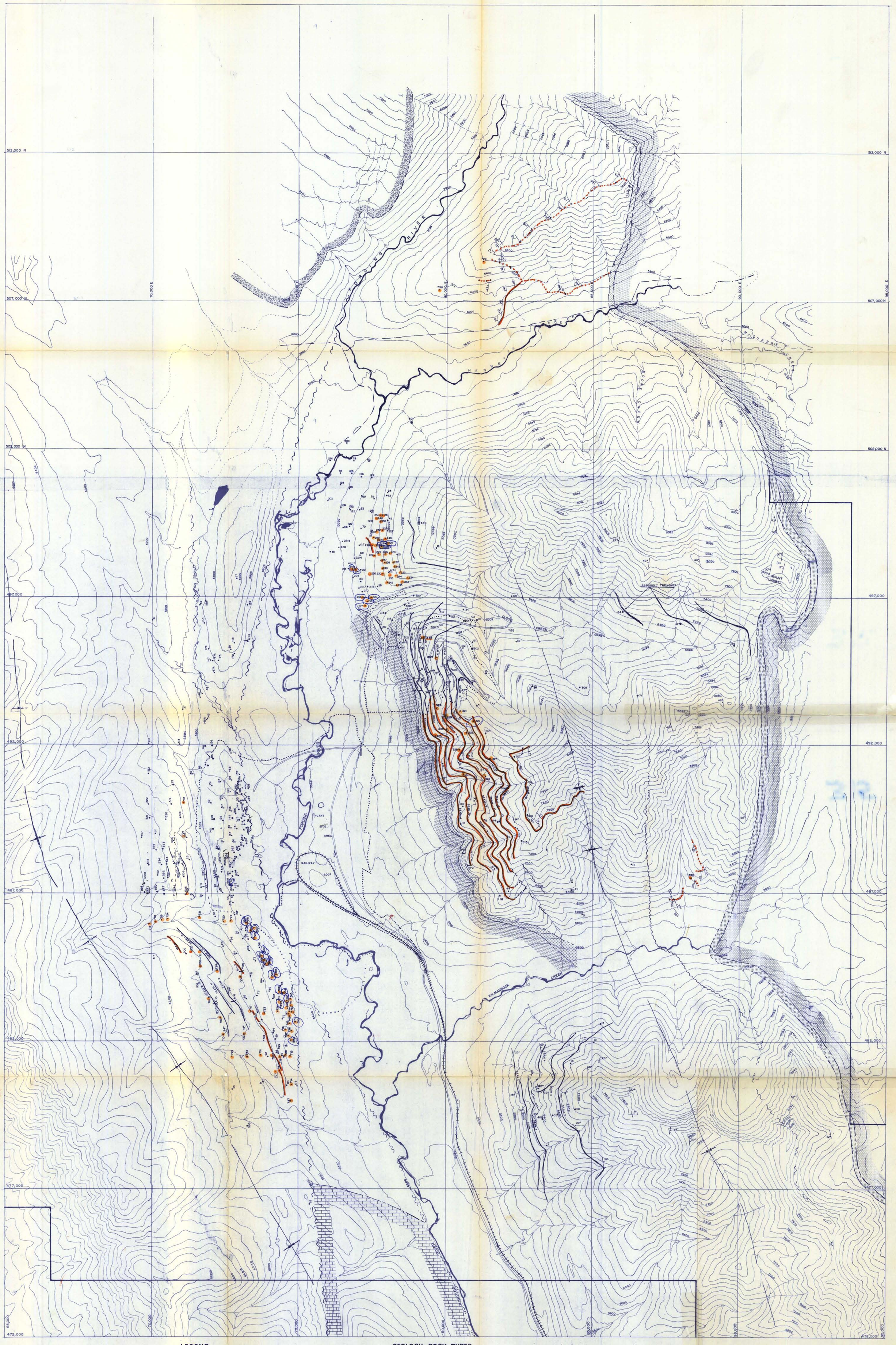


LEGEND

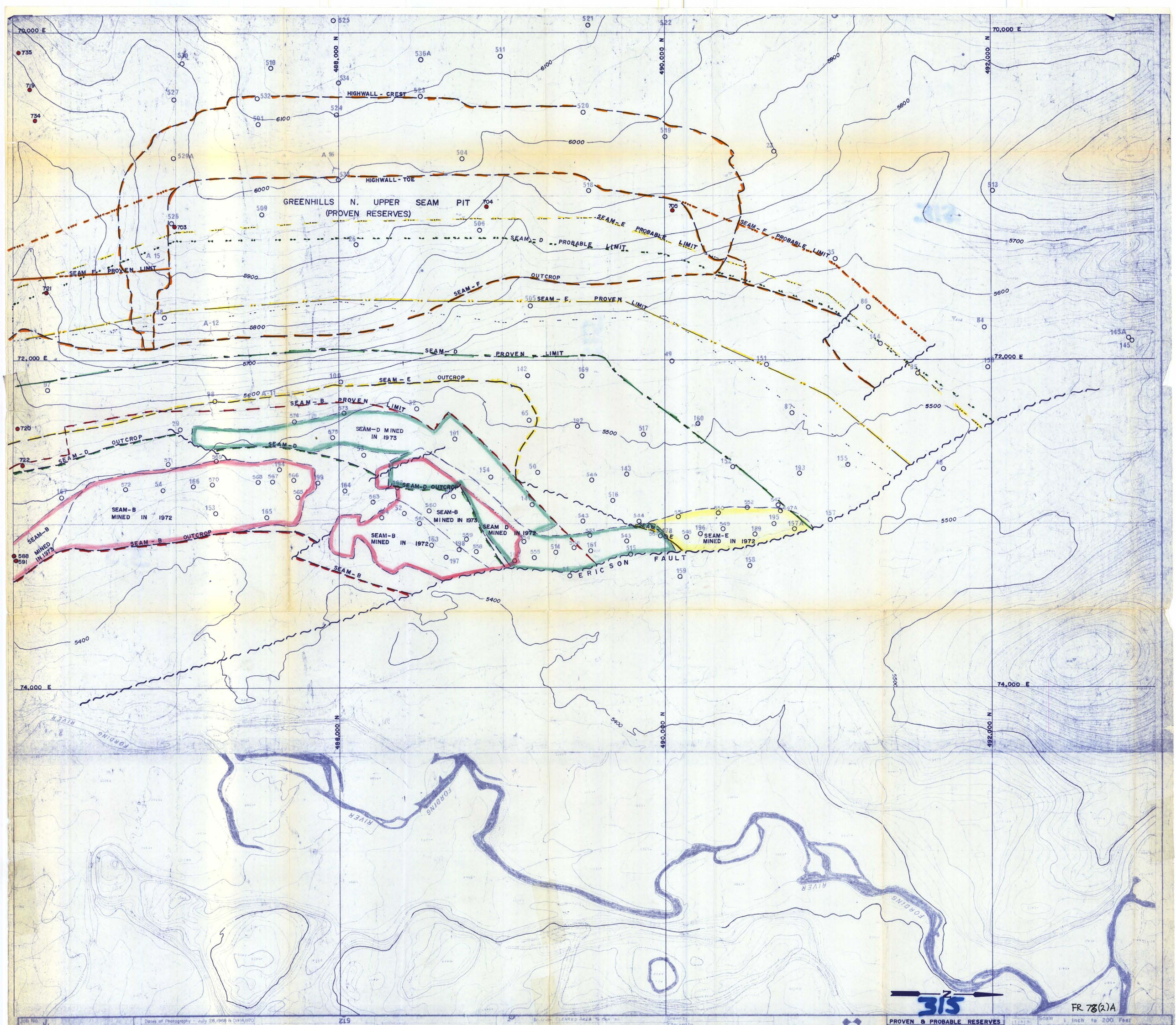
- Adits
- Drill Holes
- Railway
- Main & Haul Roads
- Cleared Mining & Plant Areas
- Fording Property Boundary (coal licence)
- Coal Seams
- Synclinal Axis
- Faults - defined, assumed
- Strike & Dip of Bedding

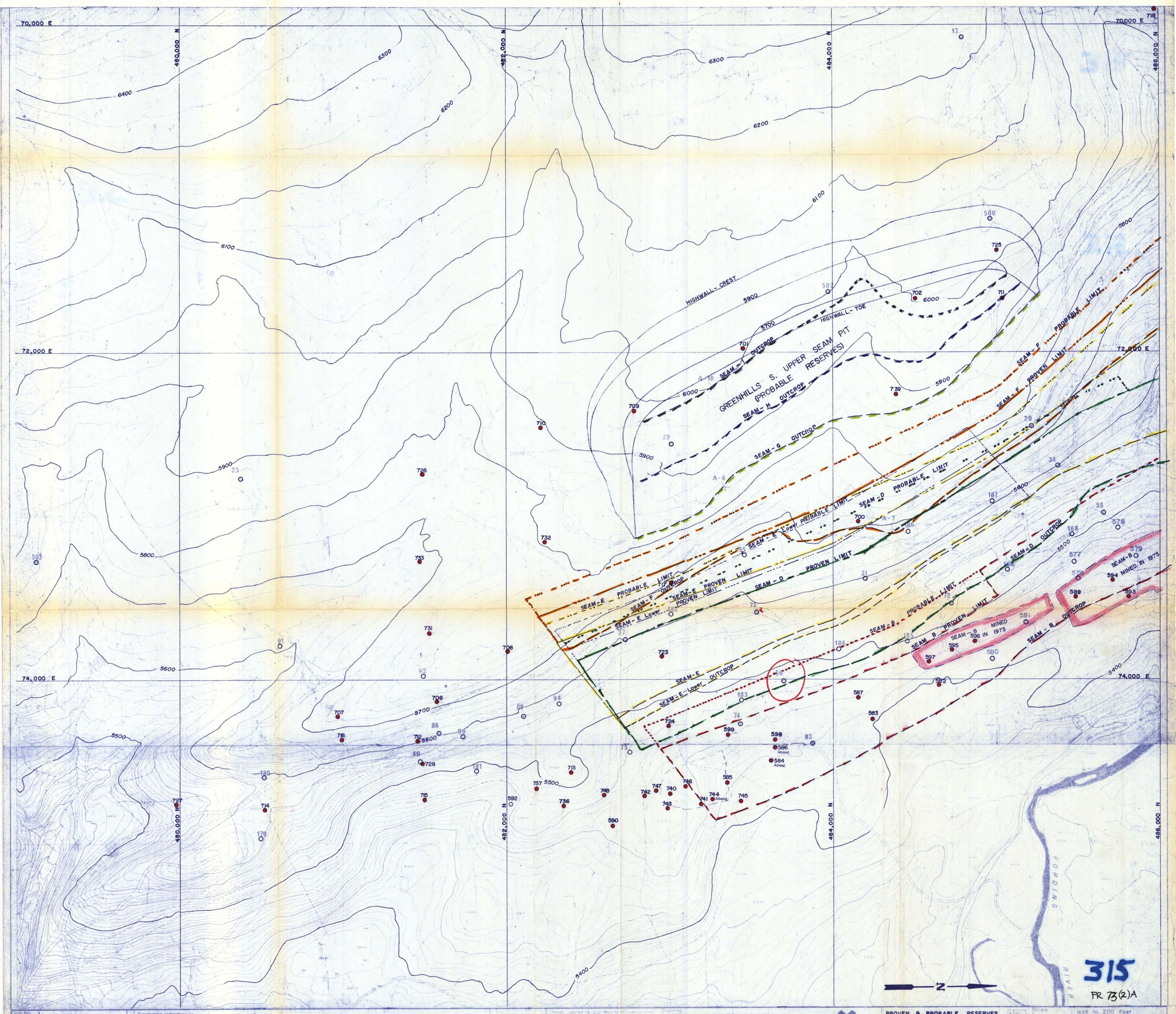
GEOLOGY - ROCK TYPES

- Sandstone - Current bedded, Moose mtn. Basal kootenay
- Shale & Mudstone - Fernie formation
- Limestone - Rundle formation
- Blairmore - Conglomerate

N

FORDING OPERATIONS 315			
GENERAL GEOLOGY MAP FR.- 75(2)A			
By - RBA	Scale - 1" = 1000'	Date - Jan 22 1971	Plate - G-G-1


GREENHILLS N. UPPER SEAM PIT
(PROVEN RESERVES)
HIGHWALL - CREST
HIGHWALL - TOE
SEAM - E PROBABLE LIMIT
SEAM - D PROBABLE LIMIT
SEAM - F PROVEN LIMIT
SEAM - F OUTCROP
SEAM - E PROVEN LIMIT
SEAM - D PROVEN LIMIT
SEAM - E OUTCROP
SEAM - B PROVEN LIMIT
SEAM - D OUTCROP
SEAM - D MINED IN 1973
SEAM - B MINED IN 1972
SEAM - B MINED IN 1973
SEAM - D MINED IN 1972
SEAM - E MINED IN 1972
SEAM - B OUTCROP
ERICSON FAULT
FORDING RIVER
70,000 E
72,000 E
74,000 E
488,000 N
490,000 N
492,000 N
PROVEN & PROBABLE RESERVES
AS OF DEC. 31, 1972
GREENHILLS AREA
Scale 1 inch to 200 Feet
FCO A 5 2
FR 78(2)A



Job No. J. 813-001
Drawing No. FCO A 9 2
Revision

Topographic compilation by McElhanney Surveying & Engineering Ltd. from aerial photography flown on July 28, 1968
Job No. 05890-1

Reference
Issued to
Reference
Revisions
No. Made by Date Description

Drawn by
Checked by
Design Eng.
Proj. Eng. Approved

Engineering

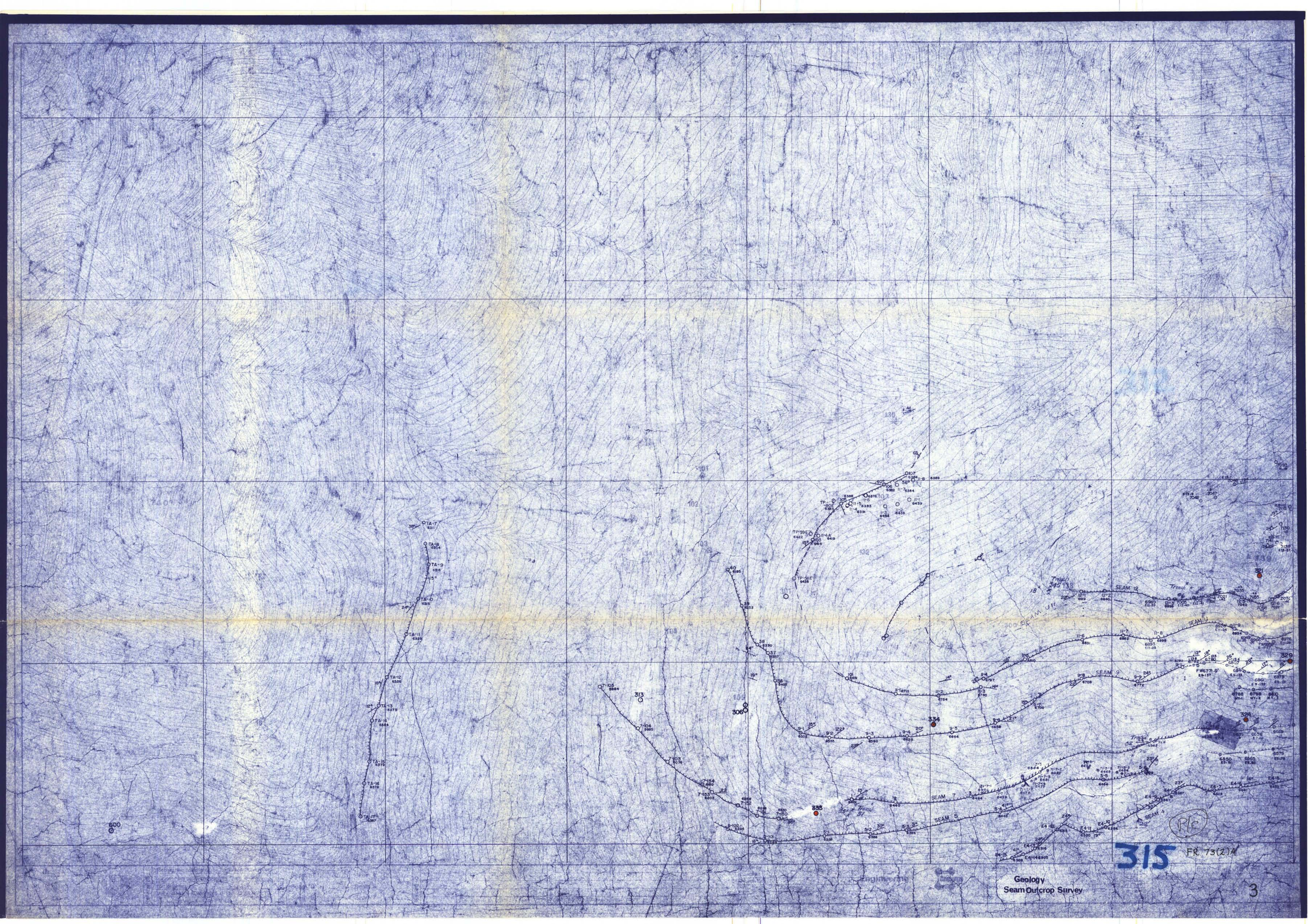
Cominco

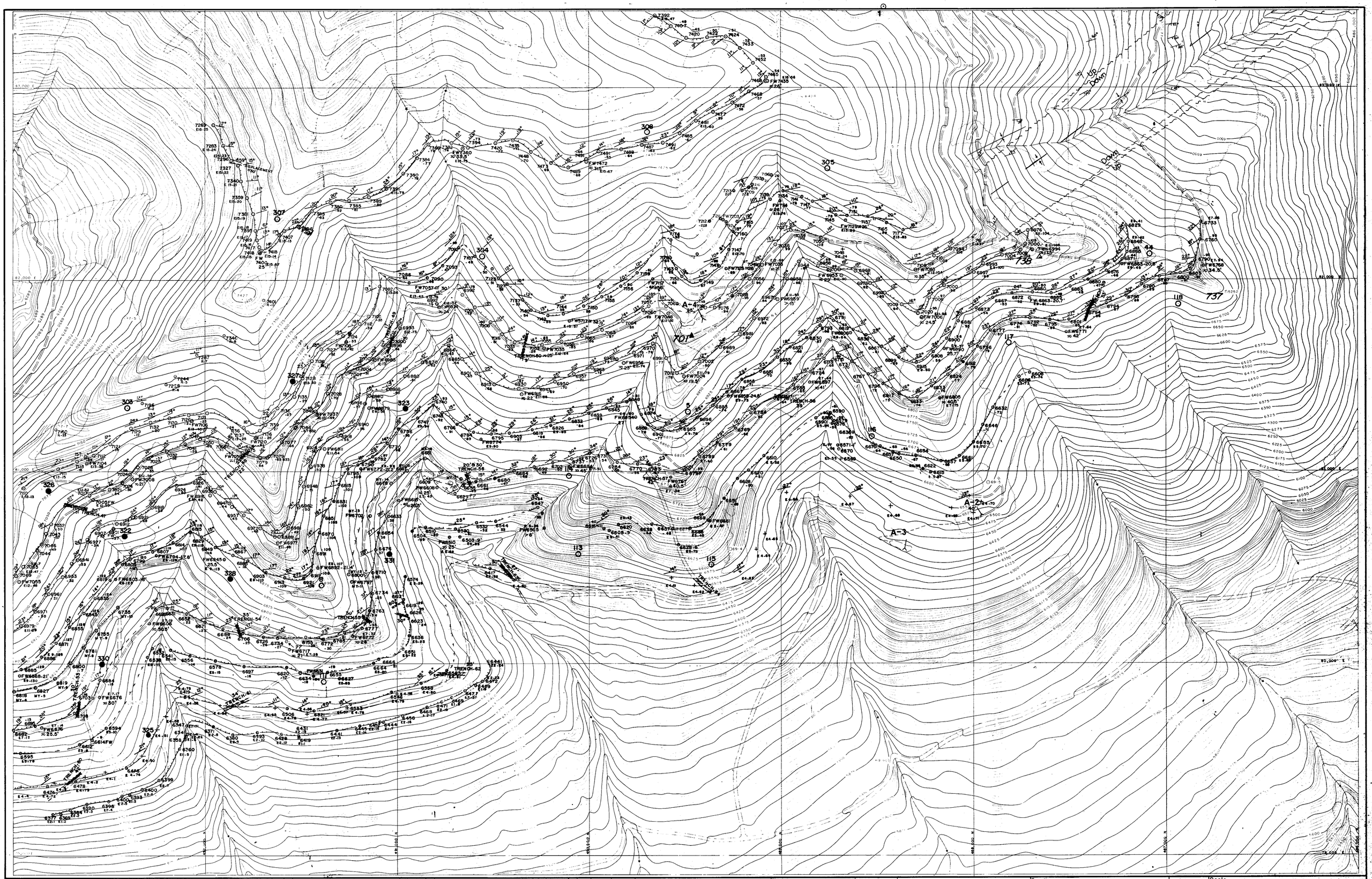
PROVEN & PROBABLE RESERVES
AS OF DEC. 31, 1972

GREENHILLS AREA

KEY MAP

Scale 1 inch to 200 Feet
Drawing No. FCO A 9 3
Revision


SEAM 12
SEAM 11
SEAM 9
SEAM 7
SEAM 5
SEAM 4
Geology
Seam Outcrop Survey
315
FR 73(2)A
3

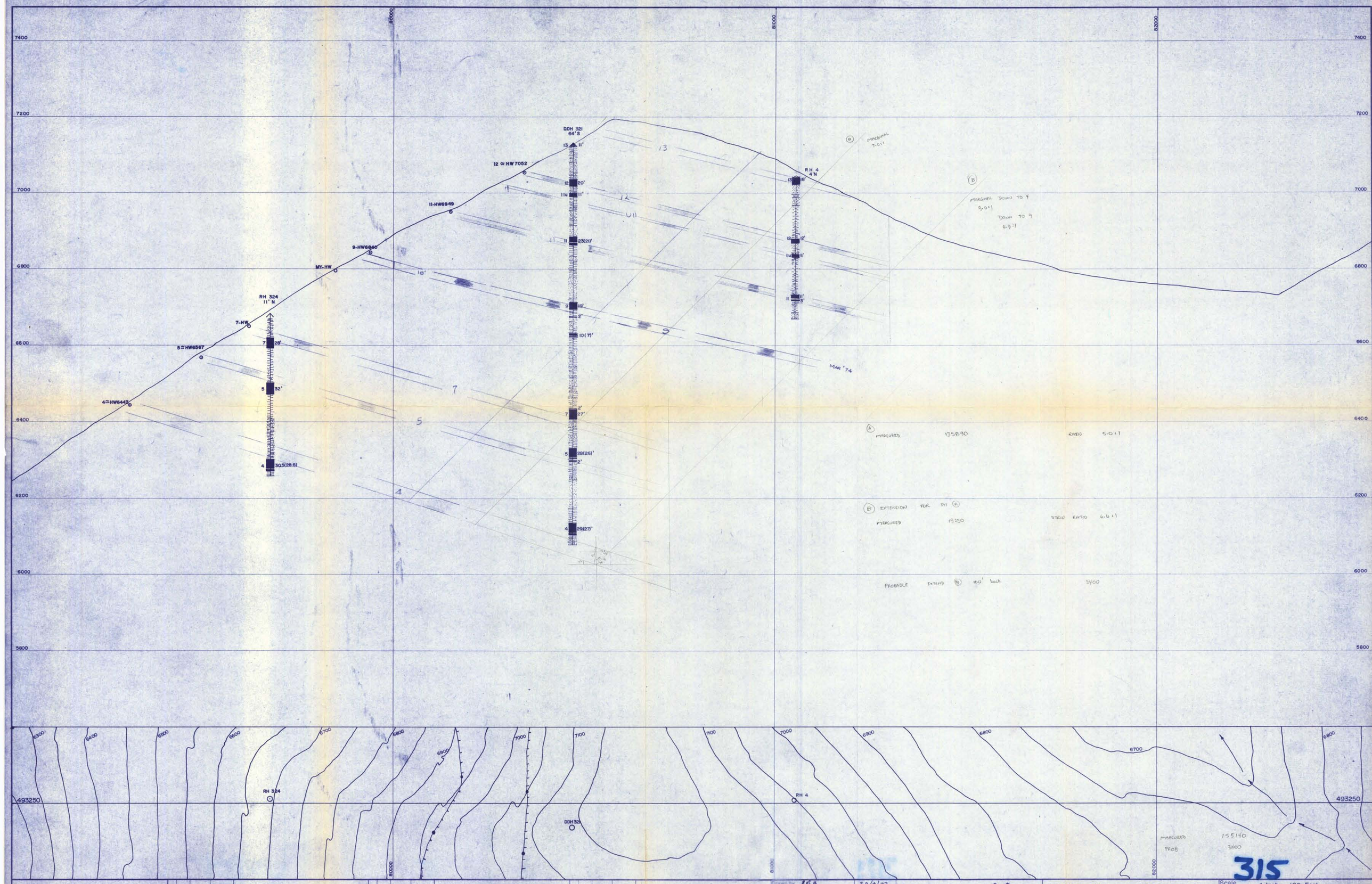


Job No J.	Revision	Reference	LEGEND			Issued to	Revisions				Drawn by		Engineering	Function Geology	Scale 1 Inch = 200 Feet
Drawing No.		Topographic compilation by Lockwood Survey Corporation from aerial photography flown in 1973	Seam 'B'	Seam 4			No	Made by	Date	Description	Checked by			Activity Seam Outcrop Survey	Drawing No. 315 / 7
		Fair drawings by McELHANNEY SURVEYING & ENGINEERING LTD Job No 05390-3	Seam 'D'	Seam 5							Design Eng.			Section Eagle Mt. West Face	Revision
			Seam 'E'	Seam 7							Proj. Eng.	Approved		Job	

KEY MAP

210-065

FR 73(2)A



Revisions			
No.	Made by	Date	Description

Revisions			
No.	Made by	Date	Description

Revisions			
No.	Made by	Date	Description

Drawn by RBA 20/4/72

Fording Operations

Cominco

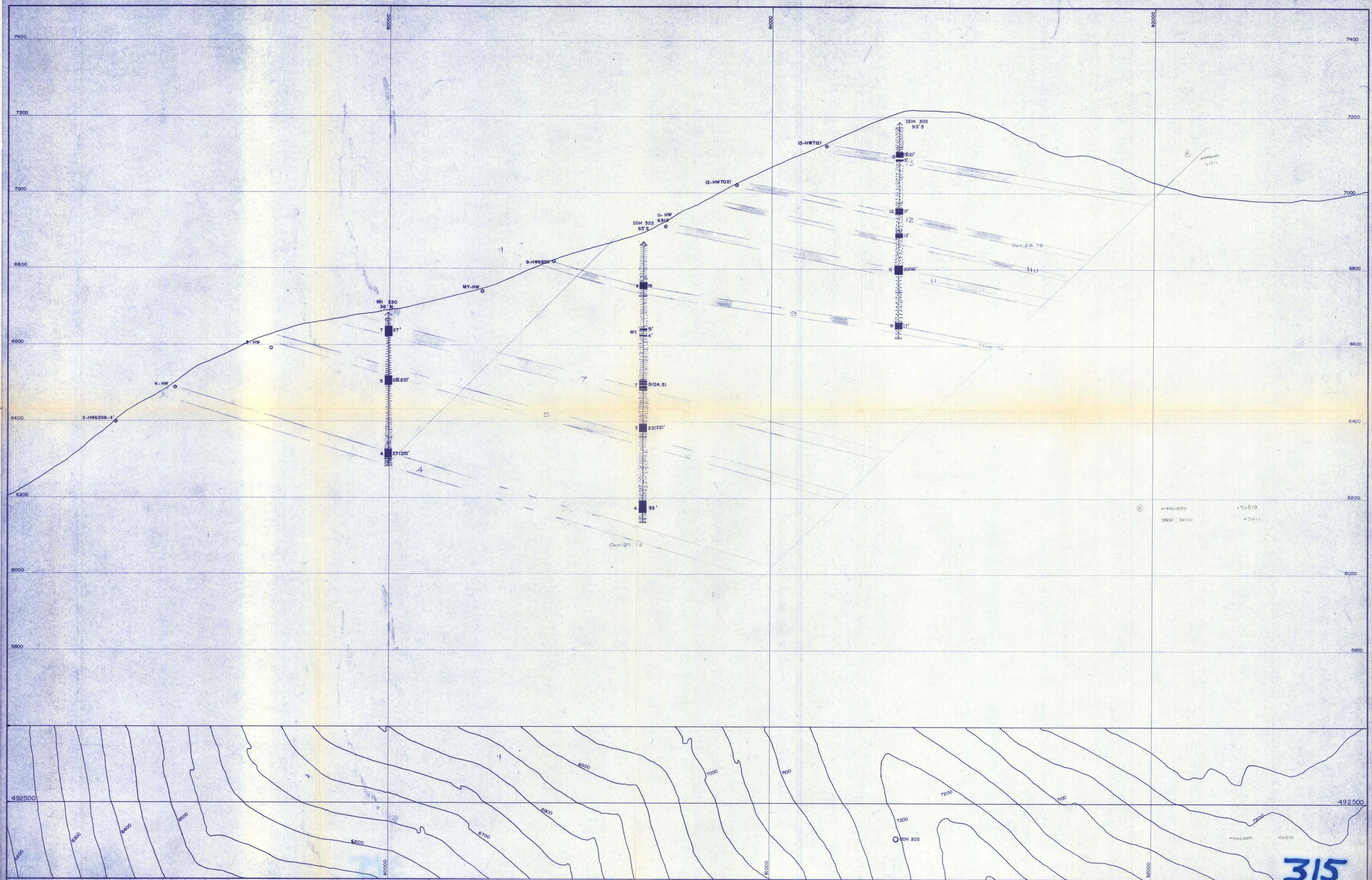
GEOLOGY 493250 N

WEST FACE EAGLE MT.

Scale 1 Inch = 100 Feet

Drawing No. E - G - 1

FR - 73(2)A



Revisions	No.	Made by	Date	Description

Revisions	No.	Made by	Date	Description

Revisions	No.	Made by	Date	Description

Drawn by RJBa 20/4/72

Fording Operations

Cominco

GEOLOGY 492500 N

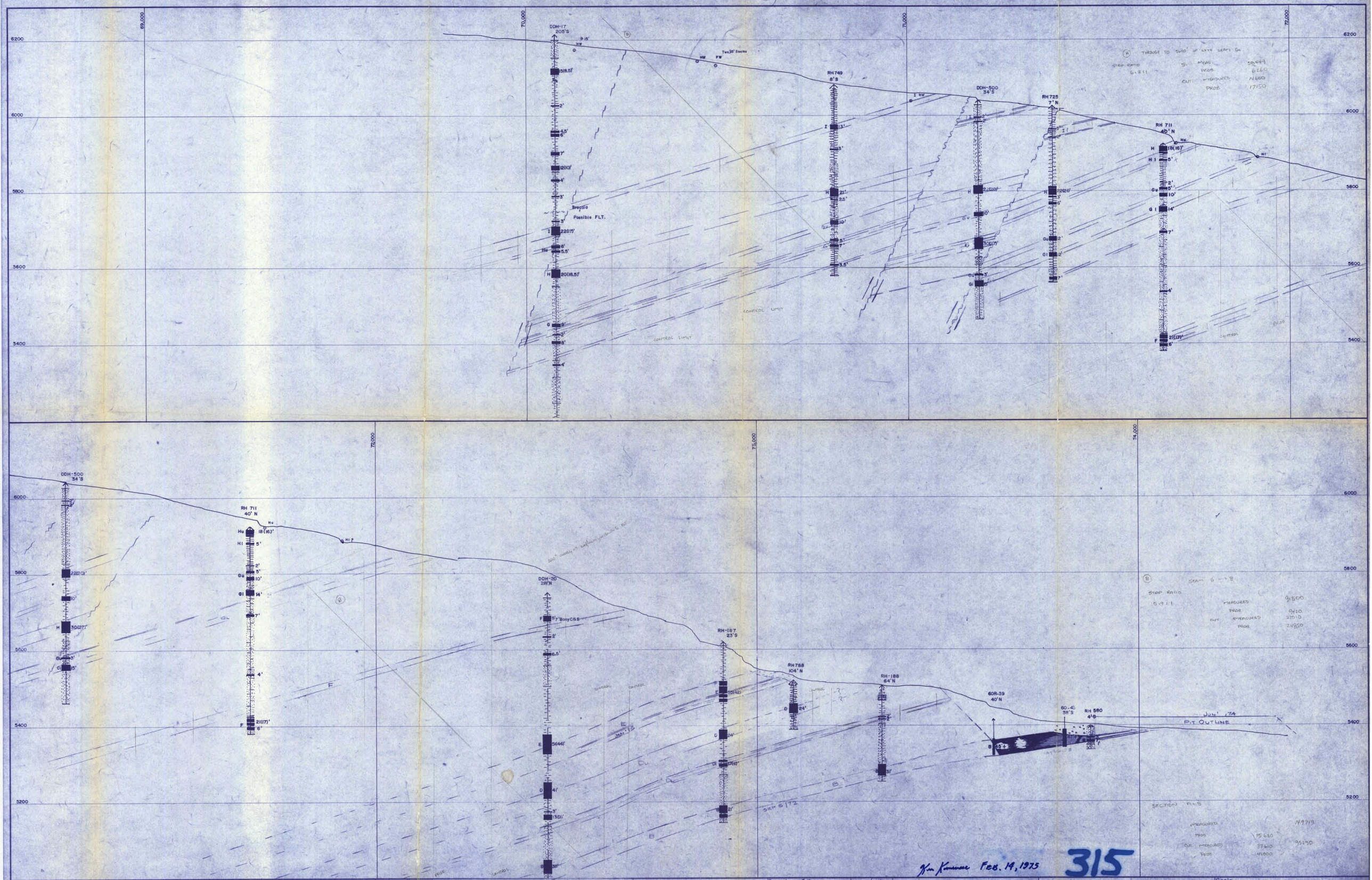
WEST FACE EAGLE MT.

Scale 1 Inch = 100 Feet

Drawing No. E - G - 2

FR 73(2)A

315



Jim Kamenec Feb. 14, 1975

315

Revisions	No.	Made by	Date	Description			
Revisions	No.	Made by	Date	Description			
Revisions	1	RK	June 73	Oct 72	TOPOGRAPHY (Lower Seam Section)		

Drawn by RBU 15/3/71

Fording Operations

Cominco

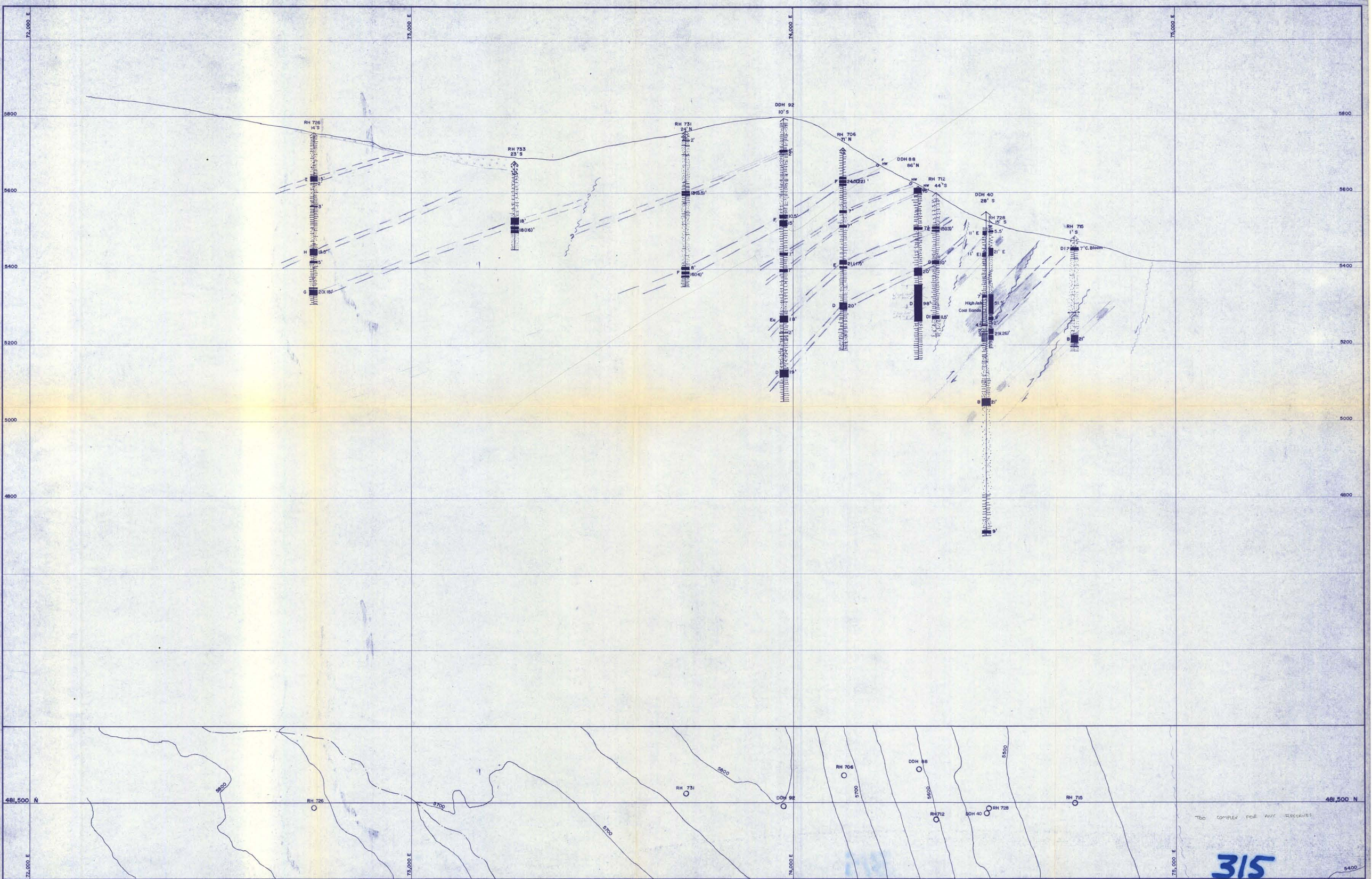
GEOLOGICAL SECTIONS

GREENHILLS = 485,000 N

Scale 1 Inch = 100 Feet

Drawing No. G-S-2

FR 73(2)A



315

Revisions				
No.	Made by	Date	Description	

Revisions				
No.	Made by	Date	Description	

Revisions				
No.	Made by	Date	Description	

Drawn by RK

Fording Operations

Cominco

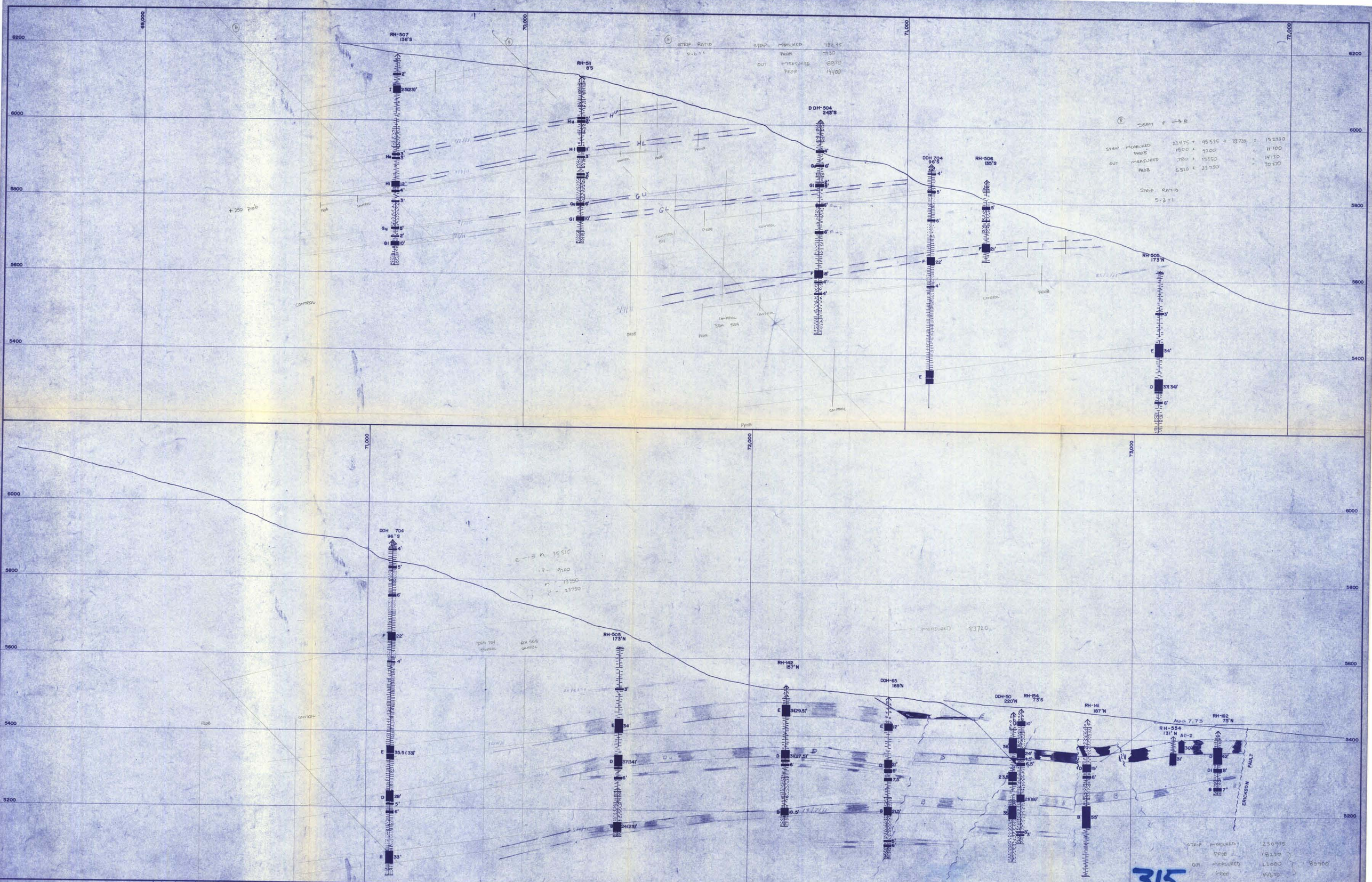
GEOLOGICAL SECTIONS

GREENHILLS 481,500 N

Scale 1 Inch = 100 Feet

Drawing No. G-S-3

FR 73(2)A



Revisions			
No.	Made by	Date	Description

Revisions			
No.	Made by	Date	Description

Revisions			
No.	Made by	Date	Description
1	RK	June 73	Oct 72 TOPOGRAPHY

Drawn by RBA 15/3/71

Fording Operations

Cominco

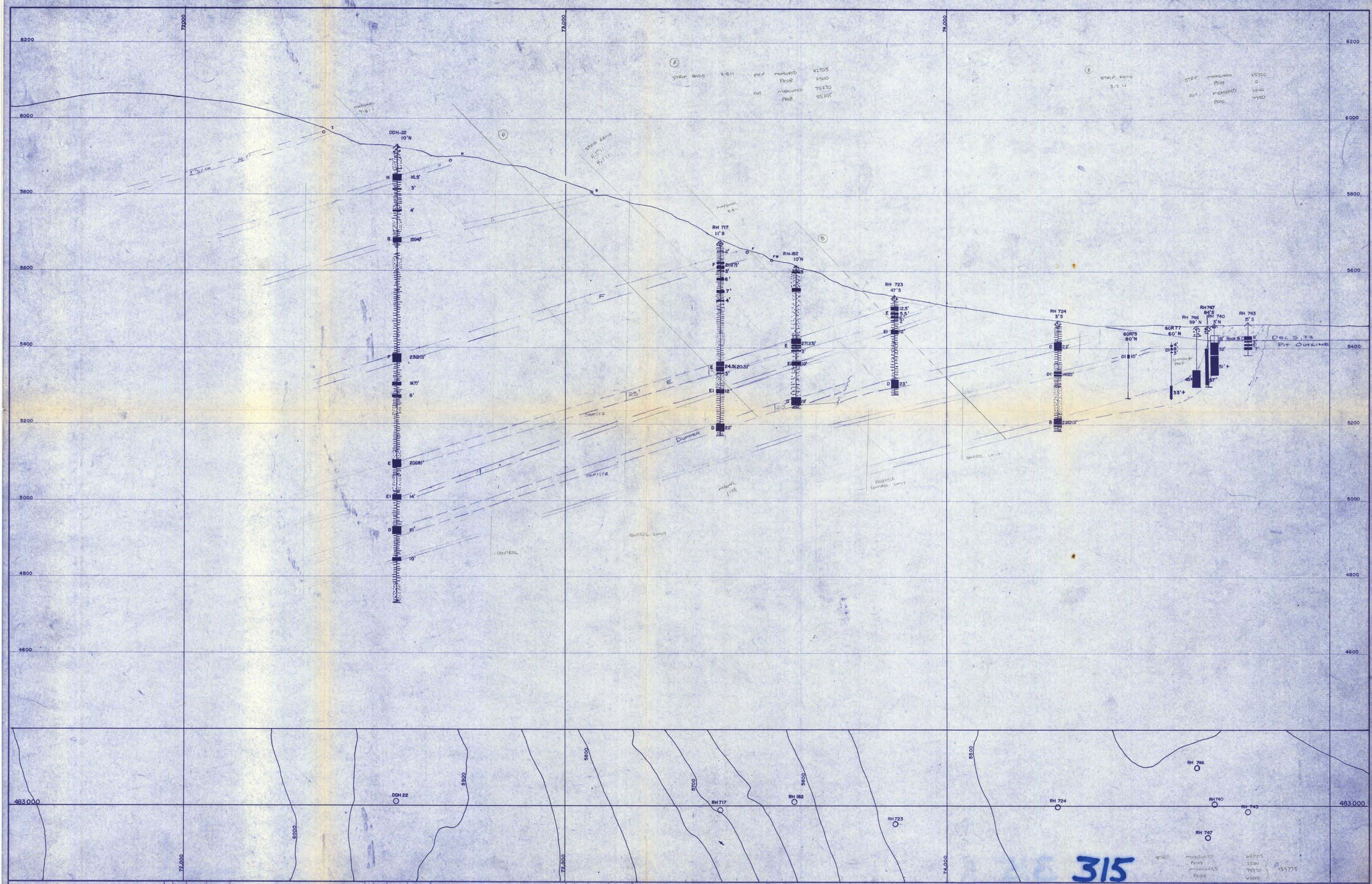
GEOLOGICAL SECTIONS

GREENHILLS = 489,000 N

Scale 1 Inch = 100 Feet

Drawing No. G-S-5

FR 73(2)A



315

Revisions			
No.	Made by	Date	Description

Revisions			
No.	Made by	Date	Description

Revisions				
1	RK	June 73	Oct 72	TOPOGRAPHY
No.	Made by	Date	Description	

Drawn by R K

Fording Operations

Cominco

GEOLOGICAL SECTIONS

GREENHILLS = 483000 N

Scale 1 Inch = 100 Feet

Drawing No. G-S-7

FR 3(2)A

Revisions	No.	Made by	Date	Description
	1	R K	June 73	Oct 72 TOPOGRAPHY

Drawn by R K

Fording Operations

Cominco

GEOLOGICAL SECTIONS
GREENHILLS = 484000 N

Scale 1 Inch = 100 Feet

Drawing No. G-S-8

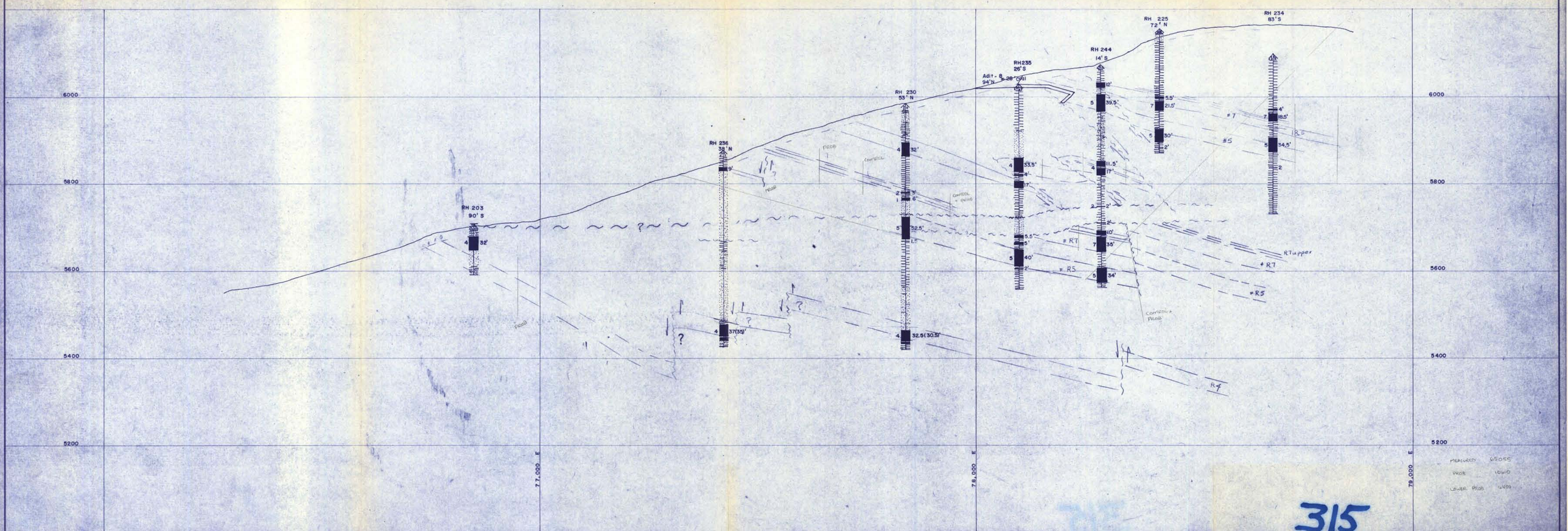
FR-73(2)A

315

STRIP RATIO
4.61

STRIP	MEASURED	65055	MOB	65055
	PROB	7460		
OUT	MEASURED	10610	PROB	10610
	PROB	1850		

6400 LOWER 4.50



315

Revisions				
No.	Made by	Date	Description	

Revisions				
No.	Made by	Date	Description	

Revisions				
No.	Made by	Date	Description	

Drawn by R.K. Oct. 5 72

Fording Operations

Cominco

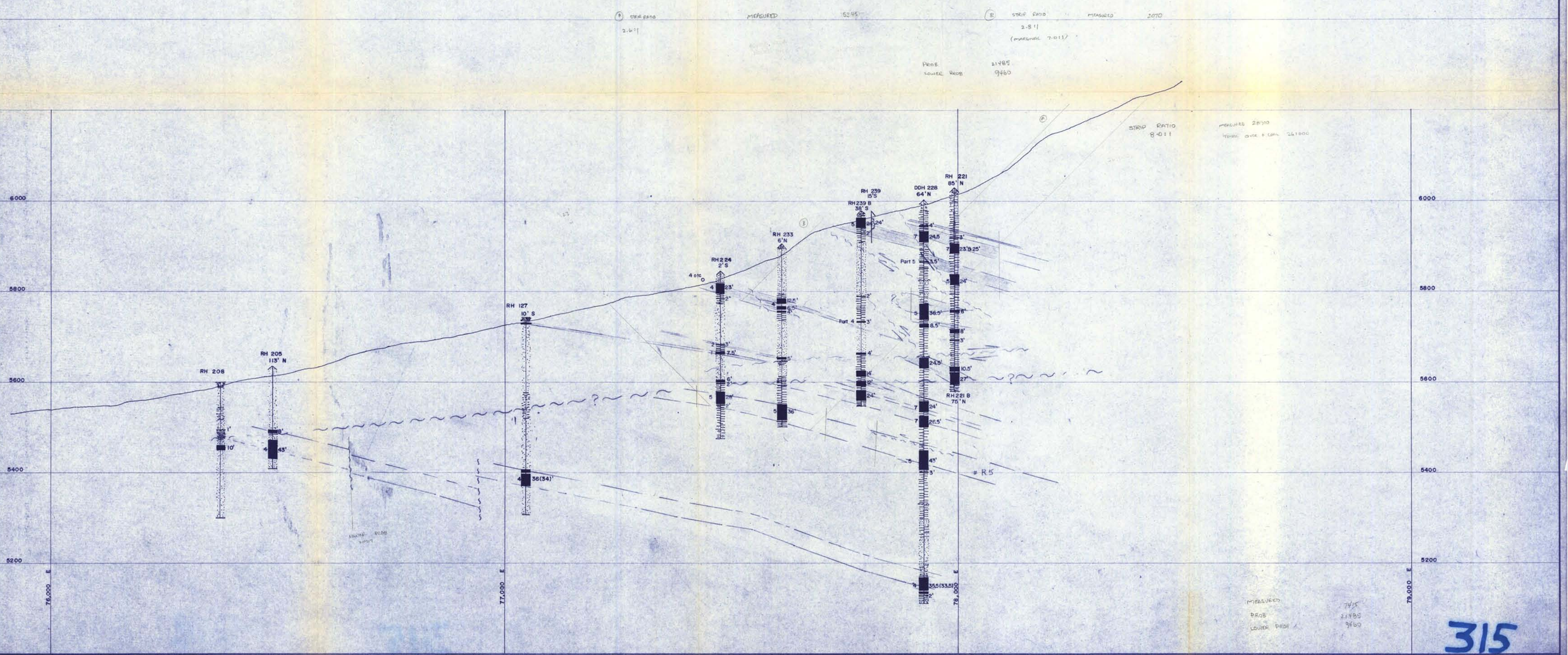
GEOLOGICAL SECTIONS

TURNBULL 497,750 N

Scale 1 Inch = 100 Feet

Drawing No. T-S-1

FR 73(2)A



315

Revisions			
No.	Made by	Date	Description

Revisions			
No.	Made by	Date	Description

Revisions			
No.	Made by	Date	Description

Drawn by RK Oct 6, 72

Fording Operations

Cominco

GEOLOGICAL SECTIONS

TURNBULL 498,750 N

Scale 1 inch = 100 Feet

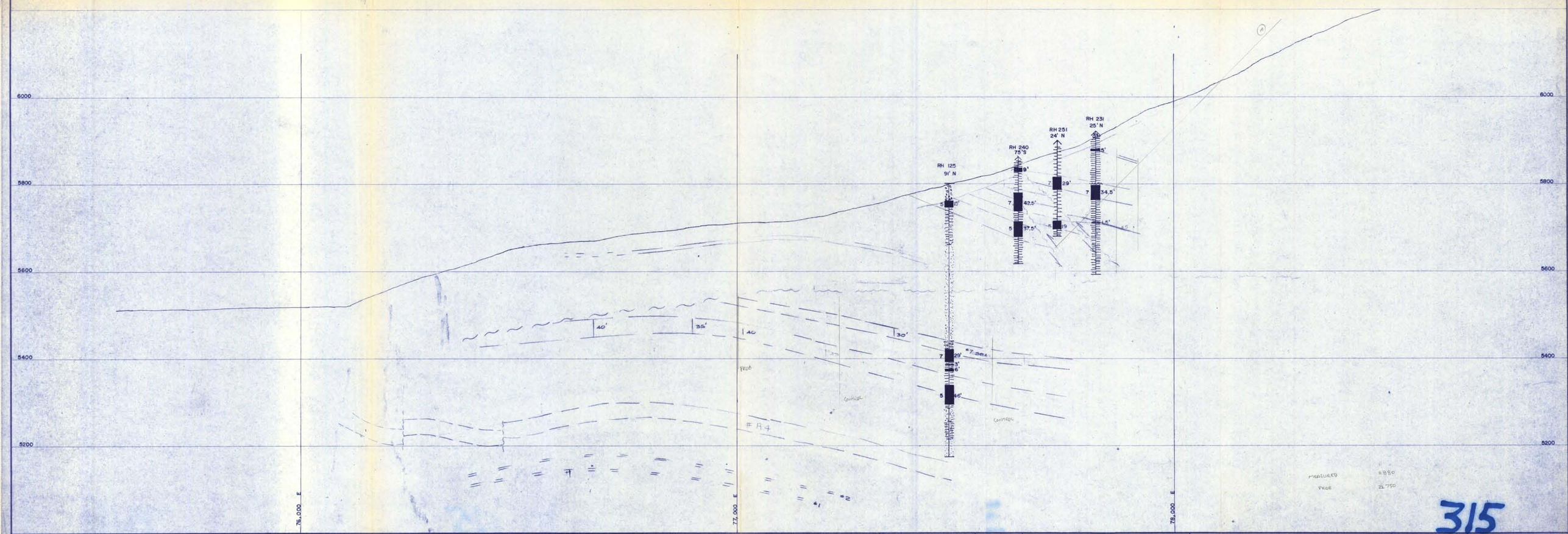
Drawing No. T-S-3

FR 73(2)A

(A)

STRIP RATIO
5.2:1

STRIP	MEASURED	11880
	PROB	250
OUT	MEASURED	23750
	PROB	14650



315

Revisions											
No.	Made by	Date	Description	No.	Made by	Date	Description	No.	Made by	Date	Description

Drawn by R.K. Nov. 10, 72

Fording Operations

Cominco

GEOLOGICAL SECTIONS

TURNBULL 499,750 N

Scale 1 Inch = 100 Feet

Drawing No. T-S-4

FR-73(2)A

K-FORDING 73(3)A-2

Diamond Drill Geological Log

Cominco

315

Objective:			Sampled:		
Logged By: RK	Date: August 31/73		Composites:		
Block:	Sect.:	Place: Turnbull	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

From	To	Discard:	Reason:
			Intersections taken from Radiation Log
0	10	Overburden	(casing 0-9)
10	81	Interbedded siltstone and sandstone (dirty)	
81	89	Mudstone	
89	93.5	Coal	
93.5	95	Mudstone	
95	97	Coal	Seam 7
97	101	Mudstone	
101	122	Coal 21'	
122	145	Mudstone	
145	167.5	Coal 22.5'	Seam - 5
167.5	205	Mudstone (one foot Coal band at 181')	
205	215	Mudstone	
		End of hole at 215	
		August 12/73	

Core Size

Hole No. RH 220

Page 1 of 1

2507—N.D.N.

K - FORDING 73(3)A-2

Diamond Drill Geological Log

Cominco

315

Objective:		Sampled:			
Logged By: R K	Date: August 31, 1973	Composites:			
Block:	Sect.:	Place: Turnbull	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

Reason: Intersections taken from Raidation Log

From	To	Discard:
0	10	Casing (overburden less than 10')
10	31	Mudstone, some sandstone
31	35	Very carbonaceous Mudstone
35	54	Siltstone, some sandstone
54	110	Mostly mudstone, some siltstone
110	113	Coal
113	123	Mudstone
123	146	Coal 23' Seam- 7
146	190	Mudstone with several small interbeds of siltstone
190	214	Coal 24' Seam - 5
214	235	Mudstone

End of hole at 235'

August 13, 1973

Core Size

Hole No. RH 221

Page 1of 1

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K - Forcing 73(3)A-2

315

Objective:		Sampled:			
Logged By: R. Krishan	Date: Oct. 11, 1973.	Composites:			
Block:	Sect.:	Place: Turnbull	App. Bear:	App.: Dip.:	Length:

Reason: Intersections taken from Radiation Log

From	To	Discard:
0	10	overburden
10	107	mudstone
107	111	coal 4'
111	120	mudstone
120	145	coal 25' seam 7
145	188	mudstone
188	212	coal 24' seam 5
212	217	mudstone
217	219	coal 2'
219	270	mudstone
270	276	coal 6'
276	314	mudstone, coal stringers at 281' and 301'
314	322	coal 8'
322	336	mudstone
336	339	coal 3'
339	396	mudstone, several siltstone interbeds
396	406.5	coal 10.5'
406.5	408.5	mudstone
408.5	435.5	coal 27'
435.5	450	mudstone

End of hole at 450' Oct 4, 1973

Core Size

Hole No. RH-221 B

Page 1 of 1

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-FORDING 73(3)A-2

[redacted]

Objective:		Sampled:			
Logged By: RK	Date: August 31, 1973	Composites:			
Block:	Sect.:	Place: Turnbull	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

Reason: Intersections taken from Radiation Log

From	To	Discard:
0	10	Overburden (casing 0-10')
10	137	Sandstone
137	147	Sandy siltstone
147	149	Coal 2'
149	239	Sandstone, with occasional thin siltstone interbeds
239	240	Coal 1'
240	249	Mudstone, one foot coal at 246'
249	255	Coal 6'
255	265	Mudstone
265	268	Coal 3'
268	282	Mudstone with sandstone parting
282	288	Coal 6'
288	303	Mudstone
303	304.5	Coal
304.5	306	Mudstone
3606	324	Coal 18' Seam - 7 (Repeat)
324	340	Mudstone
340	345	Coal 5'
345	354	Mudstone
354	362	Coal 8'
362	371	Mudstone

Core Size

Hole No. RH 222

Page 1 of 2

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-FORDING 13C31A-2

315

Objective:			Sampled:		
Logged By: RK	Date: August 31, 1973		Composites:		
Block:	Sect.:	Place: Turnbull	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

From	To	Discard:	Reason: Intersections taken from Radiation Log
0	8	Overburden (casing 0-10')	
8	120	Sandstone with siltstone band at 74'	
120	215	Interbedded mudstone and sandstone, coal stringer at 202'	
215	294	Sandstone	
294	305	Siltysandstone	
305	309	Coal 4'	
309	336	Mudstone	
336	375	Coal 39' Seam - 7 (Repeat)	
375	423.5	Mostly mudstone, some siltstone	
423.5	465	Coal 41.5' Seam - 5 (Repeat)	
465	467	Mudstone	
467	468.5	Coal	
468.5	500	Mudstone	
		End of hole @ 500'	
		August 23/73	

Core Size

Hole No. RH 223 Page 1

2507—N.D.N.

Diamond Drill Geological Log

K - FORDING 73(3)A-2

Cominco

315

Objective:		Sampled:			
Logged By: R. Krishan	Date: Sept 10,1973	Composites:			
Block:	Sect.:	Place: Turnbull	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

From	To	Discard:	Reason:
			Intersections taken from Radiation Log
0	25	sandstone	
25	27	mudstone/siltstone	
27	50	coal 23' seam 4	
50	61.5	mudstone	
61.5	63.5	coal	
63.5	73	siltstone	
73	162	sandstone	
162	165	coal 3'	
165	177	mudstone some siltstone	
177	184.5	coal 7.5'	
184.5	239	sandstone	
239	245	coal 6'	
245	247	mudstone	
247	249	coal 2'	
249	266.5	mudstone	
266.5	294.5	coal 28' seam 5 (Repeat)	
294.5	296	mudstone	
296	298	coal 2'	
298	337	mudstone	
337	370	siltstone and sandstone	
		End of hole at 370'	
		August 29,1973	

Core Size

Hole No. RM224 Page 1

2507—N.D.N.

Diamond Drill Geological Log

K-FORDING 73(3)A-2

Objective:

Sampled:

Logged By: R. Krishan Date: Sept 20, 1973

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:
		Turnbull			

Reason: Intersections taken from Radiation log

From	To	Discard:
0	8	overburden
8	12	siltstone
12	30	sandstone
30	154.5	mudstone
154.5	160	coal 5.5'
160	166	mudstone
166	187.5	coal 21.5'
187.5	229.5	mudstone, with several siltstone laminations
229.5	259.5	coal 30 '
259.5	270	mudstone
270	272	coal 2'
272	283	mudstone

End of hole at 283'

Sept August, 30 1973

Hole No. _____ Elev. _____

~~Lat. _____ Dep. _____~~

~~Elev. Th.~~

Top of _____ @ _____ '

~~Top of _____ @ _____ '~~

Top of _____ @ _____ '

Top of _____ @ _____ '

Core Size

Hole No. RH225 Page 1 of 1

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

2507—N.D.N.

Diamond Drill Geological Log

K-FORDING 73(3)A-2

315

Objective:		Sampled:			
Logged By: R. Krishan	Date: Sept 20, 1973	Composites:			
Block:	Sect.:	Place: Turnbull	App. Bear:	App.: Dip.:	Length:

Discard: Reason: Intersections taken from Radiation Log

From	To	
0	10	overburden (Casing 0 - 10')
10	28.5	mudstone and siltstone
28.5	54.5	coal 26', with thin mudstone partings at 37' and 48' seam 4
54.5	85	mostly mudstone, some siltstone
85	135	siltstone and sandstone
135	153.5	sandstone
153.5	156.5	coal 3'
156.5	167	mudstone
167	173.5	coal 6.5'
173.5	288	sandstone (basal)
288	295	mudstone, fault at 290'
295	304.5	coal 9.5'
304.5	310	mudstone, fault at 306'
310	319.5	coal 9.5
319.5	324	mudstone
324	330.5	coal 6.5'
330.5	406	interbedded mudstone and siltstone, coal stringers at 347.5'
406	435	mostly siltstone, several thin sandstone interbeds

Hole No. _____ Elev. _____
Lat. _____ Dep. _____
Elev. Th.
Top of _____ @ _____ '
Top of _____ @ _____ '
Top of _____ @ _____ '
Top of _____ @ _____ '

End of hole at 435'
August 31, 1973

Core Size

Hole No. RH226

Page 1 of 1

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

2507—N.O.N.

Diamond Drill Geological Log

K - FORDING 73(3)A-2

315

Objective:		Sampled:			
Logged By: R. Krishan	Date: Sept 20, 1973	Composites:			
Block:	Sect.:	Place: Turnbull	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

Reason: Intersections taken from Radiation Log

From	To	Discard:
0	10	overburden
10	129	mudstone, several siltstone interbeds
129	134.5	coal 5.5'
134.5	175.5	interbedded mudstone and siltstone
175.5	200	coal 24.5' seam 7
200	242	mudstone
242	273.5	coal 31.5 seam 5
273.5	284	mudstone
284	287	coal 3'
287	300	mudstone

Hole No. _____ Elev. _____
Lat. _____ Dep. _____
Elev. Th.
Top of _____ @ _____ '
Top of _____ @ _____ '
Top of _____ @ _____ '
Top of _____ @ _____ '

End of hole at 300'
Sept 1, 1973

Core Size

Hole No. RH227

Page 1 of 1

2507—N.D.N.

K-FORDING 73(3)A-2

Diamond Drill Geological Log

Cominco

315

Objective:

Sampled:

Logged By: C. McKenny Date: Sept/ 12/73

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:
0	21.0	Casing
21.0	26.0	Mudstone medium grey with very fine grain Sandstone interbeds
26.0	48.0	Mudstone medium to dark grey
48.0	48.4	COAL durain high ash
48.4	56.0	Mudstone medium grey
56.0	61	COAL
56.0	56.9	Clarodurain
56.9	59.2	Duraclarain
59.2	60.4	Clarodurain
60.4	61.0	Duroclarain
61.0	63.4	Mudstone medium grey
63.4	64.9	COAL durain high ash
64.9	69.4	Mudstone medium grey
69.4	94.0	COAL
69.4	75.0	Clarodurain
75.0	78.0	Durain
78.0	81.0	Clarodurain
81.0	82.3	Durain with a 0.1' Mudstone band at 81.1, 81.5
82.3	87.0	Duroc larain
87.0	94.0	Claradurain with 0.1' Mudstone bands at 91.1, 92.7 & 93.5

Core Size

Hole No. DDH 228 Page 1

40 Scale

Color Plot & Dips		Ore Classes & Aver.
21.0	27.5	0
27.5	30.0	-1.2
30.0	38.0	+0.2
38.0	48.0	0
48.0	56.0	+0.6
56.0	62.0	0
62.0	68.0	0
68.0	75.0	-0.5
75.0	81.0	-0.6
81.0	87.0	0
87.0	94.4	-0.6

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:			Sampled:		
Logged By:	Date:		Composites:		
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard:	Reason:
94.0	98.6	Mudstone black carbonaceous, with coal stringers	
98.6	106.7	Mudstone medium grey with siltstone interbeds	
106.7	107.0	COAL durain, high ash	
107.0	110.0	Mudstone medium grey	
110.0	114.5	Siltstone medium grey with very fine grain Sandstone interbeds	
114.5	127.0	Mudstone medium grey with a 0.2' Coal band at 114.7 & 0.1' at 117.8	
127.0	128.5	Siltstone medium grey	
128.5	137.3	Mudstone medium grey	
137.3	140.0	COAL durain	
140.0	149.0	Mudstone medium grey with occasional coal stringers	
149.0	150.5	COAL durain with a 0.1' Mudstone band at 149.3	
150.5	160.0	Mudstone medium grey	
160.0	167.0	Mudsstone medium grey with Siltstone interbeds	
167.0	179.0	Mudstone medium grey	
179.0	186.0	Sandstone very fine grain light grey	
186.0	205.2	Siltstone medium grey	
205.2	210.0	Sandstone very fine grain light grey	
210.0	230.1	Siltstone medium grey with very fine grain Sandstone interbeds	
230.1	267.3	COAL	
230.1	234.0	Durain high ash, 0.1' Mudstone bands at 231.1 & 232.2	
234.0	239.0	Clarodurain	
239.0	244.0	Duroclarain with a 0.2' coaly mudstone band at 239.0	

Core Size

Hole No. DDH 228 Page 2

40 Scale

Color Plot & Dips		Ore Classes & Aver.
94.4	98.0	-0.5
98.0	107.0	-1.0
107.0	114.0	0
114.0	118.0	-0.2
118.0	127.0	-1.2
127.0	137.0	-1.5
137.0	140.0	-0.1
140.0	144.0	-1.1
144.0	149.0	-0.3
149.0	158.0	-0.6
158.0	168.0	0
168.0	174.0	-0.5
174.0	182.3	0
182.3	188.0	0
188.0	198.0	0
198.0	208.0	0
208.0	218.0	0
218.0	228.0	0

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block: Sect.: Place: App. Bear: App.: Dip.: Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

From	To	Discard: Reason:
244.0	247.0	Durain
247.0	248.5	Mudstone black carbonaceous with thin durain bands
248.5	251.0	Clarodurain
251.0	256.0	Clarodurain with a 0.1' Mudstone band at 253.0
256.0	262.0	Durain with a mudstone band between 259.0 to 259.5
262.0	267.3	Clarodurain
267.3	276.0	Mudstone dark grey
276.0	281.0	COAL Clarodurain with 0.2' Mudstone bands at 277.6' & 279.3'
281.0	297.0	Mudstone medium grey
297.0	298.8	Siltstone medium grey
298.8	309.0	Mudstone medium grey
309.0	311.0	Siltstone medium grey
311.0	313.0	Mudstone medium grey
313.0	314.5	Siltstone medium grey
314.5	325.0	Mudstone medium grey
325.0	328.0	Siltstone medium grey
328.0	332.5	Mudstone medium grey
332.5	333.0	Mudstone black carbonaceous
333.0	333.4	COAL clarodurain
333.4	333.7	Mudstone dark grey
333.7	334.1	COAL durain high ash

Core Size

Hole No. DDH 228 Page 3

228.0	234.0	-1.5
234.0	239.0	-0.3
239.0	244.0	-0.6
244.0	247.0	0
247.0	251.5	-2.2
251 .5	253.0	-0.3
253.0	256.0	-0.6
256.0	262.0	-3.7
262.0	268.0	-0.6
268.0	276.0	-1.0
276.0	281.0	-1.5
281.0	287.0	-1.3
287.0	294.0	-0.3
294.0	308.0	+0.2
308.0	318.0	+0.8
318.0	328.0	-0.2
328.0	333.0	0
333.0	338.0	-0.5

2507—N D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block: Sect.: Place: App. Bear: App.: Dip.: Length:

From	To	Discard: Reason:	40 Scale Color Plot & Dips		Ore Classes & Aver.
334.1	348.0	Mudstone medium grey	338.0	348.0	-0.8
348.0	372.9	COAL			
348.0	351.5	All mising except 0.1' carbonaceous Mudstone. Driller reports coal.	348.0	351.5	-3.4
351.5	357.0	Durain with minor vitrain bands	351.5	357.5	0
357.0	360.0	Clarodurain	357.5	365.5	-0.2
360.0	362.0	Durain			
362.0	365.0	Clarodurain			
365.0	366.7	Durain	365.5	373.0	-0.6
366.7	372.9	Clarodurain			
372.9	374.8	Mudstone medium grey with 0.1' coal bands at 373.2 & 373.7	373.0	376.0	0
374.8	376.2	COAL Clarodurain	376.0	380.0	-1.0
376.2	405.3	Mudstone dark grey with a coal band between 380.5 & 381.3, 389.5 - 390.3	380.0	384.0	0
405.3	406.0	Mudstone black carbonaceous with coal stringers	384.0	388.0	-0.7
406.0	414.0	Mudstone medium grey	388.0	394.0	-0.5
414.0	419.5	Siltstone medium grey with Mudstone interbeds	394.0	398.0	-0.2
419.5	446.0	Mudstone medium grey	398.0	403.0	-0.5
446.0	469.0	COAL	403.0	406.0	0
446.0	448.0	Clarodurain	406.0	412.0	-1.2
448.0	457.0	Duroclarain	412.0	418.0	-0.7
457.0	461.0	Clarodurain	418.0	428.0	+0.8
461.0	467.0	Durain	428.0	434.0	+0.4
467.0	468.0	Clarodurain	434.0	438.0	0
			438.0	448.0	-1.5
			448.0	457.0	-3.3

Core Size

Hole No. 228 Page 4

250 - N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:
468.0	468.5	Durain
468.5	469.0	Clarodurain
469.0	478.0	Mudstone dark grey
478.0	504.0	COAL
478.0	479.5	Duroclarain
479.5	480.2	Clarodurain
480.2	480.7	Duroclarain
480.7	481.3	Durain with a 0.1' Mudstone band at 480.8'
481.2	484.4	Duroclarain
484.4	486.7	Clarodurain
486.7	488.0	Durain
488.0	491.0	Clarodurain
491.0	492.0	Durain
492.0	494.4	Clarodurain
494.4	495.6	Durain
495.6	499.5	Clarodurain
499.5	500.7	Durain
500.7	504.0	Clarodurain
504.0	517.5	Mudstone dark grey with some coal stringers
517.5	517.8	COAL high ash

Core Size

Hole No. 228 Page 5

40 Scale

Color Plot & Dips		Ore Classes & Aver.
457.0	461.0	-2.4
461.0	462.0	-0.3
462.0	467.0	-1.3
467.0	471.3	0
471.3	476.0	-0.8
476.0	478.0	-0.9
478.0	480.7	-0.2
~~480.7~~	483.0	-0.3
483.0	488.0	-0.6
488.0	495.0	0
495.0	500.0	+0.5
500.0	504.0	-0.2
504.0	508.0	-0.4
508.0	518.0	-0.8

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block: Sect.: Place: App. Bear: App.: Dip.: Length:

From	To	Discard: Reason:
517.8	529.0	Mudstone dark grey
529.0	531.0	Mudstone black carbonaceous with thin coal bands
531.0	541.0	Mudstone dark grey
541.0	545.0	Siltstone medium grey with Mudstone interbeds
545.0	553.5	Mudstone medium grey
553.5	596.5	COAL
553.5	554.0	Durain
554.0	557.8	Clarodurain with a 0.1' Mudstone band at 554.5
557.8	558.3	Mudstone black carbonaceous with coal stringers
558.3	563.8	Duroclarain
563.8	568.0	Durain with occasional vitrain bands
568.0	570.5	Clarodurain
570.5	572.5	Durain
572.5	577.8	Clarodurain
577.8	580.8	Durain
580.8	581.7	Clarodurain with a 0.1' Mudstone band at 581.3'
581.7	586.0	Durain
586.0	592.5	Clarodurain with 0.1' Mudstone bands at 588.2, 588.7 & 584.4
592.5	594.6	Durain
594.6	595.5	Clarodurain
595.5	596.0	Durain
596.0	596.5	Clarodurain

Core Size

Hole No. DDH 228 Page 6

40 Scale

Color Plot & Dips		Ore Classes & Aver.
518.0	524.0	-0.9
524.0	531.0	-0.5
531.0	537.0	0
537.0	542.0	-0.7
542.0	548.0	0
548.0	554.0	+0.3
554.0	558.0	-0.4
558.0	564.3	-0.1
564.3	570.0	0
570.0	575.2	0
575.2	580.0	-0.2
580.0	585.0	-0.6
585.0	590.0	0
590.0	595.5	-0.4
595.5	602.0	-0.4

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block: Sect.: Place: App. Bear: App.: Dip.: Length:

From	To	Discard: Reason:
596.5	597.3	Mudstone medium grey
597.3	599.3	Sandstone very fine grain light grey
599.3	601.7	Mudstone medium grey
601.7	603.5	COAL Clarodurain with a mudstone band between 602.1 & 602.5
603.5	607.5	Mudstone medium to dary grey
607.6	607.8	COAL
607.8	609.5	Mudstone medium grey
609.5	609.8	COAL
609.8	622.5	Mudstone dark grey with occasional coal stringers
622.5	623.6	COAL high ash
623.6	633.2	Mudstone medium grey
633.2	634.5	Mudstone carbonaceous black with coal stringers
634.5	637.0	Mudstone medium grey
637.0	637.6	Coal durain
637.6	642.6	Mudstone medium to dark grey
642.6	643.7	Mudstone black carbonaceous
643.7	648.0	Mudstone medium to dark grey
648.0	651.0	Siltstone medium grey
651.0	662.0	Mudstone medium grey
662.0	667.0	Siltstone medium grey
667.0	675.0	Mudstone medium grey with coal stringers at 671.0 & 673.0
675.0	678.0	Siltstone medium grey
678.0	682.0	Mudstone medium grey

Core Size

Hole No. DDH 228

Page 7

40 Scale

Color Plot & Dips		Ore Classes & Aver.
602.0	608.0	0
608.0	618.0	-0.4
618.0	628.0	0
628.0	638.0	0
638.0	648.0	0
648.0	655.0	0
655.0	662.0	-0.3
662.0	668.0	0
668.0	678.0	0
678.0	680.3	0
680.3	687.0	-0.3

2507—N.D.N.

Diamond Drill Geological Log

Comiraco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

Discard: Reason:

From	To	
682.6	683.5	Sandstone very fine grain light grey
683.5	697.3	Mudstone medium grey
697.3	707.3	Siltstone medium grey
707.3	718.0	Sandstone very fine grain light grey
718.0	724.0	Siltstone medium grey
724.0	732.0	Mudstone medium grey
732.0	749.0	Siltstone medium grey with thin very fine grain Sandstone interbeds
749.0	771.0	Sandstone medium grain light grey speckled thin bedded
771.0	778.0	Sandstone medium grain light grey speckled massive
778.0	786.0	Sandstone medium grain light grey speckled thin bedded
786.0	790.0	Sandstone medium to coarse grain light grey massive
790.0	795.0	Sandstone medium to coarse grain speckled thin bedded
795.0	802.0	Sandstone medium to coarse grain speckled massive
802.0	804.0	Sandstone medium to coarse grain speckled with occasional coal stringers
804.0	807.5	Mudstone medium grey with medium grain Sandstone interbeds
807.5	818.0	Sandstone medium grain light grey massive
818.0	824.0	Sandstone medium grain light grey with occasional coal stringers and a Mudstone band between 819.0 & 819.3
824.0	826.0	Sandstone medium to coarse grain light grey speckled
826.0	829.0	Sandstone fine grain light grey
829.0	832.0	Siltstone medium grey
832.0	834.1	Mudstone medium grey
834.1	870.5	COAL

Core Size

Hole No. 228 Page 8

40 Scale

Color Plot & Dips	Ore Classes Silver.
687.0	697.0	0
697.0	707.0	0
707.0	712.0	0
712.0	718.0	0
718.0	728.0	0
728.0	738.0	0
~~738.0~~	748.0	+0.3
748.0	758.0	0
758.0	768.0	0
768.0	778.0	0
778.0	788.0	-0.1
788.0	798.0	0
798.0	808.0	-0.1
808.0	811.5	-0.2
~~811.5~~	818.0	+0.3
818.0	828.0	0
828.0	834.0	-0.5

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block: | Sect.: | Place: | App. Bear: | App.: Dip.: | Length:

40 Scale

From	To	Discard: Reason:	Color Fracture Dips	Ore Classes & Aver.	
834.1	835.9	Durain with occasional vitrain bands	834.0	837.0	-0.5
835.9	836.4	Duroclarain			
836.4	837.0	Mudstone black carbonaceous			
837.0	838.9	Clarodurain with a 0.1' Mudstone band at 838.0	837.0	842.0	0
838.9	839.3	Mudstone dark grey			
839.3	843.2	Durain with occasional vitrain bands	842.0	847.0	0
843.2	845.6	Clarodurain			
845.6	852.0	Durain	847.0	852.0	0
852.0	853.0	Duroclarain	852.0	858.0	0
853.0	860.5	Clarodurain	858.0	864.0	0
860.5	863.4	Duran with occasional thin vitrain bands	864.0	868.0	0
863.4	864.2	Mudstone dark grey			
864.2	865.3	Durain			
865.3	870.5	Duroclarain			
870.5	872.9	Mudstone medium grey with coal bands from 871.7 to 872.0 & 872.2 to 872.3 & 872.6 to 872.9	868.0	872.3	-1.0
872.9	875.4	Mudstone medium grey			
876.4	883.5	Siltstone medium grey	872.3	882.3	0
883.5	891.0	Sandstone medium to coarse grain light grey speckled	882.3	891.0	0
	891.0	T.D.			

Core Size

Hole No. DDH 228 Page 3

2507—N.D.N.

Diamond Drill Geological Log

K-FORING 73(3)A-2

Cominco

315

Objective:		Sampled:			
Logged By: R. Krishan	Date: Sept 18, 1973	Composites:			
Block:	Sect.:	Place: Turnbull	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

Reason: Intersections taken from Radiation Log

From	To	Discard:
0	18	overburden (casing 0-14')
18	64	mudstone, with coal stringers at 31'
64	88	coal 24' seam 7
88	131	mudstone, with small bands of siltsone at 106 & 111'
131	167	coal 36' seam 5
167	179	mudstone
179	183	coal 4'
183	340	mudstone, with siltstome band@326'
340	343	coal 3'
343	394	mudstone

End of hole at 394'
Sept 11, 1973

Core Size

Hole No. RH229 Page

2507—N.D.N.

K-FORDING 73(3)A-2

Diamond Drill Geological Log

Cominco

315

Objective:			Sampled:		
Logged By: R. Krishan	Date: SEPT. 15, 1973		Composites:		
Block:	Sect.:	Place: Turnbull	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

From	To	Discard:	Reason: Intersections taken from Radiation Log
0	15	overburden (casing 0-12')	
15	19	mudstone	
19	32	sandstone	
32	71	mudstone	
71	82	siltstone and sandstone	
82	88	mudstone	
88	120	coal 32'	
120	142	mudstone, some siltstone	
142	202	sandstone, some siltstone	
202	205	coal 3'	
205	216	mudstone	
216	222	coal 6'	
222	259	sandstone	
259	311.5	coal 52.5'	
311.5	313.5	mudstone	
313.5	315	coal 1.5'	
315	418	interbedded mudstone and siltstone	
418	519	sandstone, with several siltstone bands	
519	551.5	coal, with 2' mudstone parting at 545'	
551.5	563	mudstone	
		End of hole at 563'	
		Sept 15, 1973.	

Core Size

Hole No. RH230 Page

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-FORDING 73(3)A-2

315

Objective:		Sampled:			
Logged By: R. Krishan	Date: Sept 18, 1973	Composites:			
Block:	Sect.:	Place: Turnbull	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

From	To	Discard:	Reason:
			Intersections taken from Radiation Log
0	15	overburden (casing 0-10')	
15	42	mudstone	
42	47	coal 5'	
47	125	mudstone, fault at 122'	
125	159.5	coal 34.5' seam 5	
159.5	210.5	mudstone, several small siltstone interbeds	
210.5	211.5	coal 1.5'	
211.5	329	mudstone, with several siltstone interbeds	
		End of hole at 329	
		Sept 15, 1973	

Core Size

Hole No. RH231

Page

2507—N.D.N.

Diamond Drill Geological Log

K-FORDING 73(3)A-2

315

Objective:		Sampled:			
Logged By: R. Krishan	Date: Sept 20, 1973	Composites:			
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

From	To	Discard:	Reason:
			Intersections taken from Radiation Log
0	11	overburden (casing 0 - 14)	
11	92	Interbedded siltstone and mudstone	
92	136	sandstone and siltstone interbeds	
136	186	siltstone, some mudstone	
186	192	coal 6' seam 4 upper part	
192	252	siltstone	

End of hole at 252'
Sept 17, 1973

Core Size

Hole No. RH232

Page 1 of 1

2507—N.D.N.

Diamond Drill Geological Log

K- FORDING 73(3)A-2

Objective:

Sampled:

Logged By: R. Krishan Date: Sept 20, 1973

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:
		Turnbull			

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

Discard: Reason:

Intersections taken from Radiation Log

From	To	
0	10	overburden
10	111	sandstone
111	120.5	siltstone
120.5	133	coal 12.5'
133	138.5	mudstone
138.5	145	coal 6.5'
145	148	mudstone
148	152	coal 4'
152	169	mudstone and siltstone
169	250	sandstone
250	255	coal 5'
255	266	mudstone
266	294	sandstone
294	354	mudstone with 2' coal band at 312'
354	390	coal 36'
390	392	mudstone
392	394	coal 2'
394	403	mudstone

End of hole at 403'

Sept 18, 1973

Core Size

Hole No. RH233

Page 1 of 1

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-FORDING 73(3)A-2

315

Objective:		Sampled:			
Logged By: R. Krishan	Date: Sept 24, 1973	Composites:			
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

From	To	Discard:	Reason:
			Intersections taken from Radiation Log
0	14	overburden (casing 0 - 15)	
14	125	mudstone	
125	129	coal 4'	
129	136	mudstone	
136	154.5	coal 18.5' seam 7	
154.5	190.5	mudstone	
190.5	225	coal 34.5' seam 5	
225	260	mudstone with one foot coal band at 245.5'	
260	262	coal 2'	
262	366	mudstone, several siltsone interbeds with traces of coal at 353'	

End of hole at 366'

Sept. 20, 1973

Hole No. _____ Elev. _____

Lat. _____ Dep. _____

	Elev.	Th.
Top of _____ @ _____		'
Top of _____ @ _____		'
Top of _____ @ _____		'
Top of _____ @ _____		'

Core Size

Hole No. RH234

Page 1 of 1

2507—N.D.N.

Diamond Drill Geological Log

K- FORDING 73(3)A-2

315

Objective:		Sampled:			
Logged By: R. Krishan	Date: October 15, 1973	Composites:			
Block:	Sect.:	Place: Turnbull	App. Bear:	App.: Dip.:	Length:

From	To	Discard:	Reason:
			Intersections taken from Radiation Log
0	15	overburden (casing 0 - 15')	
15	106	mudstone	
106	169	sandstone	
169	202.5	coal 33.5'	
202.5	207.5	mudstone	
207.5	211.5	coal 4'	
211.5	221.5	mudstone	
221.5	238.5	coal 17'	
238.5	307	interbedded mudstone and siltstone	
307	346.5	sandstone with occassional siltstone laminations	
346.5	352	coal 5.5'	
352	362.5	mudstone	
362.5	367.5	coal 5'	
367.5	378.5	mudstone	
378.5	418.5	coal 40'	
418.5	423,5	mudstone	
423.5	425.5	coal 2'	
425.5	470	mudstone with coal stringersat 455'	
		End of hole at 470'	
		Sept. 26, 1973	

Core Size

Hole No. RH235

Page 1 of 1

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-FORDING 73(3)A-2

[redacted]

Objective:		Sampled:			
Logged By: R. Krishan	Date: October 12, 1973	Composites:			
Block:	Sect.:	Place: Turnbull	App. Bear:	App.: Dip.:	Length:

Reason: Intersections taken from Radiation Log

From	To	Discard:
0	15	Overburden (casing 0 - 15')
15	39	mudstone
39	48	coal 9'
48	209	sandstone, coal stringers at 201'
209	232	mudstone
232	271	siltstone, and sandstone interbeds
271	387	sandstone
387	400	siltstone and mudstone
400	437	coal, with 2' mudstone parting 427 - 429' and a thin mudstone band at 435' seam Repeat 4
437	450	mudstone and sandstone

End of hole at 450'

Oct 1, 1973

Core Size

Hole No. RH 236

Page 1 of 1

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K- FORDING 73(3)A-2

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

Objective:

Sampled:

Logged By: R. Krishan Date: October 12, 1973

Composites:

[redacted]

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:
		Turnbull			

Reason: Intersections taken from Radiation Log

From	To	Discard:
0	10	casing
10	98	mudstone
98	104	coal with thin mudstone parting at 101'
104	108	mudstone
108	132	coal 24' seam 7
132	137.5	poor coal or highly carbonaceous shale
137.5	152	mudstone, with coal stringers at 143'
152	190	coal 38'
190	192	mudstone
192	195	coal 3'
195	205	mudstone

End of hole at 205'

Oct 2, 1973

Core Size

Hole No. RH237

Page 1 of 1

2507—N.D.N.

Diamond Drill Geological Log

Cominco

[redacted]

Objective:	Drilled October 2, 1973 Deepened November 7, 1973 Date:	Sampled:			
Logged By: R. K.		Composites:			
Block:	Sect.:	Place: Turnbull	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

Reason: Intersections taken from Radiation Log.

From	To	Discard:
0	10	Overburden
10	98.5	Mudstone
98.5	105.5	Coal 7', with thin mudstone parting at 103'
105.5	108.5	Mudstone
108.5	132	Coal 23.5' Seam - 7
132	153	Mudstone
153	190	Coal 37' Seam - 5
190	364.5	Mostly mudstone some siltstone
364.5	412.5	Coal 48', with thin mudstone parting 401.5
412.5	421.5	Mudstone
421.5	482.5	Coal 61'
482.5	501	Mudstone

End of hole at 501'

November 7, 1973

Core Size

Hole No. RH 237

Page 10F1

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-FORDING 73/3/A-2

Objective:		Sampled:			
Logged By: R. Krishan	Date: Oct 15, 1973	Composites:			
Block:	Sect.:	Place: Turnbull	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

Reason: Intersections taken from Radiation Log

From	To	Discard:
0	20	overburden
20	89	mudstone and siltstone interbeds
89	147	sandstone
147	162	mudstone
162	182	sandstone
182	186.5	mudstone
186.5	227.5	coal 41' seam 4
227.5	249	siltstone and mudstone
249	327	sandstone
327	331.5	coal 4.5' seam 2
331.5	343	siltstone, some mudstone
343	351	coal 8' seam 1
351	382	sandstone. Probable fault — Elevation at 378'
382	404.5	coal 22.5' with 2' mudstoneband from 391' to 393'
404.5	444.5	mudstone and siltstone interbeds
444.5	474.5	coal 30'
474.5	481	mudstone

End of hole at 481'

Oct 4, 1973

Core Size

Hole No. RH238

Page 1 of 1

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-FORDING 73(3)A-2

[redacted]

Objective:			Sampled:		
Logged By: R. Krishan	Date: Oct 11, 1973		Composites:		
Block:	Sect.:	Place: Turnbull	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason: Intersections taken from Radiation Log
0	10	overburden
10	14	mudstone
14	38	coal 24' seam 5
38	48	mudstone
48	50	coal 2'
50	69	mudstone
69	188.5	sandstone with several siltstone laminations'
188.5	190.5	coal 2'
190.5	243.5	mostly mudstone with several siltstone interbeds, coal stringers at 210'
243.5	246.5	coal 3'
246.5	313	sandstone
313	317	coal 4'
317	353	mostly mudstone, some siltstone
353	367	coal 14;'
367	375	mudstone
375	387	coal 12'
387	395	mudstone
395	419	coal 24'
419	431	mudstone

End of hole at 431'
Oct 10, 1973.

Core Size

Hole No RH -239

Page 1 of 1

40 Scale

Color Plot & Dips	Ore Classes & Aver.

0

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-Foroing 73(3)A-2

Objective:			Sampled:		
Logged By: R. Krishan	Date: Oct 15, 1973		Composites:		
Block:	Sect.:	Place: Turnbull	App. Bear:	App.: Dip.:	Length:

From	To	Discard:	Reason: Intersections taken from Radiation Log
0	10	overburden (casing 0 - 15')	
10	83	mudstone	
83	125.5	coal 42.5' seam 7	
125.5	147	mudstone	
147	184.5	coal 37.5' seam 5	
184.5	245	mudstone with occassional siltstone interbeds	

End of hole at 245'

Oct 11, 1973

Core Size

Hole No. RH240

Page 1 of 1

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

2507—N.D.N.

K-FORDING 73(3)A-2

Diamond Drill Geological Log

Cominco

[redacted]

Objective:		Sampled:			
Logged By: R. Krishan	Date: Oct 15, 1973	Composites:			
Block:	Sect.:	Place: Turnbull	App. Bear:	App.: Dip.:	Length:

Reason: Intersections taken from Radiation Log

From	To	Discard:
0	11	overburden
11	69	sandstone
69	79	mudstone
79	81	coal 2'
81	94	mudstone
94	110	coal 16' with 2' shaley band at 98'
110	210	siltstone and mudstone
210	214.5	coal 4.5'
214.5	229.5	mudstone
229.5	242	coal 12.5'
242	265.5	mudstone
265.5	298	coal 32.5'
298	300	mudstone
300	302	coal
302	339	mudstone
339	380	coal 41'
380	398	mudstone

End of hole at 498'

Oct, 12, 1973

Core Size

Hole No. RH241

Page 1 of 1

40 Scale

Color Plot & Dips	Ore Classes & Aver.

0

2507—N.D.N.

Diamond Drill Geological Log

K- FORDING 73(3)A-2

Subjective:

Sampled:

Logged By: R. K. Date: November 13, 1973

Composites:

[redacted]

Sect.:	Place:	App. Bear:	App.: Dip.:	Length:
	Turnbull			

Discard: Reason: Intersections taken from Radiation log

From	To	
0	15	Overburden
15	69.5	Mudstone and siltstone interbeds, with 2' coal band at 46.5
69.5	103	Coal 33.5' seam - 4
103	191	Mostly sandstone, several siltstone interbeds
191	199	Mudstone
199	202	Coal - 3' seam - 2
202	212	Mudstone
212	218	Coal - 6' seam - 1
218	233	Mudstone

End of hole at 233'

November 13, 1973

Core Size

Hole No. RH 242

Page 10F1

40 Scale

Color Plot & Dips | Line Classes & Aver.

0

2507—N.D.N.

Diamond Drill Geological Log

K-FORDING 7313A-2

Collective:

Sampled:

Logged By: R. K. Date: November 4, 1973

Composites:

[redacted]

Block: | Sect.: | Place: | App. Bear: | App.: Dip.: | Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

Discard: Reason: Intersections taken from Radiation Log

From	To	
0	10	Overburden
10	45	Mudstone and some siltstone
45	69	Coal 24' seam - 5
69	157	Siltstone and sandstone
157	229	Mostly mudstone, several siltsone interbeds
229	246.5	Coal 17.5'
246.5	280.5	Mudstone
280.5	293.5	Coal 13'
293.5	304.5	Mudstone
304.5	341	Coal 36.5'
341	344	Mudstone
344	373.5	Coal, with thin mudstone bands at 362.5' and 368.5' 29.5'
373.5	391	Mudstone

End of hole at 391'

November 4, 1973

Core Size

Hole No. RH 243

Page 10F1

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-FORDING 73(3)A-2

[redacted]

Objective:			Sampled:		
Logged By: R.K.	Date:		Composites:		
Block:	Sect.:	Place: TURNBULL	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

Intersections taken from Radiation Log.

From	To	Discard:	Reason:
0	13	Overburden	
13	41	Siltstone and mudstone	
41	53	Coal 12'	
53	67.5	Mudstone	
67.5	107	Coal 39.5'	
107	182	Sandstone and Siltstone interbeds	
182	220.5	Siltstone grading to mudstone bed.	
220.5	232	Coal 11.5'	
232	236	Mudstone	
236	253	Coal 17'	
253	323.5	Mudstone	
323.5	325.5	Coal 2'	
325.5	380	Mudstone with coal stringer at 363'	
380	390	Coal 10'	
390	394.5	Mudstone	
394.5	429.5	Coal 35'	
429.5	464	Mudstone	
464	498	Coal, with thin mudstone parting at 484' . 34'	
498	511	Mudstone	
		End of hole 511'	
		Nov.5/73	

Core Size

Hole No. RH 244 Page 10F 1

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K - FORDING 73(3)A-2

40 Scale

Color Plot & Dips	Ore Classes & Aver.
0	

Objective:

Sampled:

Logged By: R. K. Date: November 13, 1973

Composites:

[redacted]

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:
		Turnbull			

Reason: Intersections taken from Radiation Log.

From	To	Discard:
0	10	Overburden
10	84.5	Mudstone
84.5	89	Coal 4.5'
89	96	Mudstone
96	119	Coal 23' Seam - 7
119	137	Mudstone
137	174	Coal 37' Seam - 5
174	271	Siltstone and mudstone interbeds
271	287	Coal 16' Seam - 4
287	397	Mostly mudstone, some siltstone
397	445	Coal 48' Seam - 7
445	460	Mudstone

End of hole at 460'

November 6, 1973

Core Size

Hole No. RH 245

Page 10F1

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-FORDING 73(3)A-2

[redacted]

Objective:			Sampled:		
Logged By: R.K.	Date: Nov. 19, 1973		Composites:		
Block:	Sect.:	Place: TURNBULL	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

Intersections taken from Radiation log.

From	To	Discard: Reason:
0	13	Casing
13	18	Mudstone, coal stringers at 15'
18	48	Coal 30'
48	61	Mudstone
61	63	Coal
63	99	Mudstone and siltsone
99	138	Siltstone and sandstone
138	175	Mostly sandstone, some siltstone
175	222	Mostly mudstone, some siltsone
222	234	Coal 12'
234	247	Mudstone
247	272	Coal 25'
272	276	Mudstone
276	279.5	Coal 3.5'
279.5	282	Mudstone
282	285	Coal 3'
285	299	Mudstone
299	329	Siltstone

End of hole at 329'

Nov. 8, 1973

Core Size

Hole No. RH 246

Page 1 of 1

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-FORDING 73(3)A-2

Objective:		Sampled:			
Logged By: R.K.	Date: Nov. 19, 1973	Composites:			
Block:	Sect.:	Place: TURNBULL	App. Bear:	App.: Dip.:	Length:

Reason: Intersections taken from Radiation log.

From	To	Discard:
0	15	Overburden
14	89	Mostly sandstone several siltstone interbeds.
89	131	Mudstone and siltstone interbeds.
131	153	Mostly sandstone some siltstone.
153	160	Mudstone
160	167	Coal 7' Part Seam 4
167	180	Mudstone
		End of hole at 180'.
		Nov. 13, 1973.

Core Size

Hole No. RH 247

Page 1 of 1

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K- FORDING 73(3)A-2

Objective:		Sampled:			
Logged By: R.K.	Date: Nov. 19, 1973	Composites:			
Block:	Sect.:	Place: TURNBULL	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

From	To	Discard:	Reason: Intersections taken from Radiation log.
0	14	Casing	
14	61	Sandstone with thin mudstone partings.	
61	102	Mudstone and sandstone interbed.	
102	111	Mudstone	
111	140.5	~~Coal with 1.5' Mudstone band from 134 to135.5'. 29.5 (28)' Seam 4~~	
140.5	143	Mudstone	
143	145	Coal 2'	
145	160	Mudstone	
		End of hole at 160'.	
		Nov. 13, 1973	

Core Size

Hole No. RH 24

Page 1 of 1

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K - FORDING 73(3)A-2

375

Objective:		Sampled:			
Logged By: R.K.	Date: Nov. 19, 1973	Composites:			
Block:	Sect.:	Place: Turnbull	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

From	To	Discard: Reason:
		Intersections taken from Radiation log.
0	14	Casing.
14	84	Mudstone with siltstone interbeds.
84	88	Coal 4'.
88	102	Mudstone.
102	126	Coal 24' seam 7.
126	178	Mudstone.
178	210	Coal 32' seam 5.
210	234	Mudstone.
234	263	Coal with 3' mudstone parting from 246.5' to 249.5'. 29(26)'
263	353	Mudstone, with 4.5 highly carbonaceous shale band from 269 to 273.5'.
		End of hole at 353'.
		Nov. 14,1973

Core Size

Hole No. RH 249

Page 1 of 1

2507—N.D.N.

Diamond Drill Geological Log

K - FORDING 73(3)A-2

Cominco

315

Objective:		Sampled:			
Logged By: R.K.	Date: Nov. 19, 1973	Composites:			
Block:	Sect.:	Place: TURNBULL	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

From	To	Discard:	Reason: Intersections taken from Radiation log.
0	11	Overburden (0-15 casing)	
11	54	Sandstore, several siltstone interbeds.	
54	110	Siltstone and mudstone interbeds.	
110	116	Coal 6'.	
116	129	Mudstone, fault at 118'	
129	146	Coal 17'. seam 4	
146	151	Mudstone 5'	
151	159	Coal 8' seam 4	
159	201	Mudstone.	

~~End of hole at 201'.~~

~~Nov. 15, 1973.~~

Core Size

Hole No. RH 250

Page 1 of 1

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-FORDING 73(3)A-2

Objective:			Sampled:		
Logged By: R.K.	Date: Nov. 19, 1973		Composites:		
Block:	Sect.:	Place: TURNBULL	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

Reason: Intersections taken from Radiation log.

From	To	Discard:
0	16	Casing.
16	85	Mudstone.
85	114	Coal 29' seam 7
114	117	Mudstone.
117	121	Dirty (high ash) coal 4'.
121	186.5	Mudstone.
186.5	205.5	Coal 19'. seam 5
205.5	220	Mudstone.

End of hole at 220'.
Nov. 16, 1973.

Core Size

Hole No. RH 251

Page 1 of 1

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-FORDING 73(3)A-2

Objective:		Sampled:			
Logged By: R.K.	Date:	Composites:			
Block:	Sect.:	Place: TURNBULL	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

From	To	Discard: Reason: Intersections taken from Radiation log.
0	12	Overburden
12	56.5	Mudstone
56.5	59	Coal 2.5'
59	63	Mudstone
63	88.5	Coal 25.5'
88.5	144	Mudstone
144	197	Coal 53'
197	300	Mudstone
		End of hole at 300'.
		Nov. 17, 1973.

Core Size

Hole No. RH 252

Page 1 of 1

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-FORDING 73(3)A-2

Objective:		Sampled:			
Logged By: R.K.	Date: Nov. 19, 1973	Composites:			
Block:	Sect.:	Place: TURNBULL	App. Bear:	App.: Dip.:	Length:

From	To	Discard:	Reason:
			Intersections taken from Radiation log.
0	12	Casing	
12	116	Sandstone, with several silstone interbeds.	
116	173.5	Interbedded siltstone and mudstone.	
173.5	183	Coal, 1.5' Mudstone band at 179.5'. 9.5 (8)'	
183	195	Mudstone	
		End of hole at 195'	

Core Size

Hole No. RH 253

Page 1 of 1

40 Scale

Color Plot & Dips	Ore Classes & Aver.

0

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K. FORDING 73(3)A-2

[redacted]

Objective:

Sampled:

Logged By: D.Bell & C.J.McKenny Date May 27 - June 5/73

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

From	To	Discard: Reason:	SHORTS & OVERAGES
0'	11'	Collared in Seam 13 Coal - 11 ft. H W Casing, pulled on hole completion	
11'	26.5'	Mdst.drk. gry, tb, much intbd "wispy" fine ss med. gry.	11.5' - 18.0' 0.5'sh.
		24.5' - 25.0' rusty concretion DIP @ 21.0': 08°	18.0' - 28.0' 0.5' ov.
26.5'	31.0'	Ss, as 11'- 26.5', x-bd, scour & fill; much "wispy" mdst, as 11' - 26.5	
		COAL, 1", 30.5' - 30.6'	
31.0'	40.5'	As 11' - 26.5'	28.0' - 38.0' correct
		11' - 42' several rsty frac. zones, ≤6"	
40.5	54.0'	Ss, f.-med, med.-gry, x-bd, scour & fill; occ. mdst., "wispy"	38.0' - 58.0' 0.5' ov
54.0'	55.9'	Mdst, as 31.0-40.5'	58.0'-68.0' 0.4' ov
55.9'	78.7'	Ss, f-med; many "wispy" mdst bands	68.0' 78.0' correct
78.7'	95.7'	Mdst;occ f-med, med-gry ss bands	78.0' - 88.0' 0.1' ov
95.7'	98.4'	Mdst, drk-gry; many coaly stringers	88.0' - 98.0' correct
98.4'	118.2'	Coal, varying ash Seam 12 ✓	98.0' - 104.0' 6.4' sh
		@ 115.4': ¼-½" slst band	104.0' - 110.0' 0.1'sh
118.2'	125.0'	Mdst, drk-gry, few ss bands	110.0' - 118.0' 2.7' sh
125.0'	125.8'	Mdst, very coaly, drk-brn-blk	118.0' - 122.5' correct
125.8'	132.9'	Mdst; many "wispy" f-med, med-gry ss bands; 130-132.9' several coal bands ≤ ½"	122.5' - 125.0' 0.3' sh
			125.0' - 128.0' 0.2' ov
			128.0' - 138.0' 0.5' sh

Core Size

HQ Core

Hole No. DDH - 321

315

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:	Sampled:
Logged By: Date:	Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

From	To	Discard:	Reason:		
132.9'	144.5'	Coal	133.4' - 133.6' Shaley	138.0' - 146.0'	0.5' ov
			134.4' - 134.6' Shaley		
		Seam	140.1'- 140.2 ' Mdst, drk br.		
		11U	140.8' - 140.9' Mdst, drk br.		
			141.9' - 142.0' Shaley		
			143.1' - 143.4' Mdst, drk br		
			143.7' - 144.0' Boney		
144.5'	155.1'	Mdst, drk; minor "wispy" lt gry vf ss.		146.0' - 156.4'	0.5'sh
155.1'	156.7'	Ss, lt gry vf; minor drk mdst.		156.4' - 160.0'	0.4' sh
156.7'	169.0'	Mdst, drk; minor "wispy" lt gry vf ss.		160.0' - 168.0'	0.8' sh
169.0'	172.4'	Ss, lt gry vf; intbd drk mdst.		168.0' - 178.0'	0.2' sh
172.4'	176.1'	Mdst, drk; occ "wispy" vf lt gry ss			
176.1'	179.1'	Ss, lt gry vf; intbd drk mdst.			
179.1'	182.1'	Ss, lt gry vf; intbd "wispy" drk mdst.			
182.1'	185.4'	Ss, lt gry vf&f; intbd drk mdst.		178.0' - 198.0'	0.3' ov
185.4'	201.8'	Ss, intbd f, med, co & vco, lt gry, x-bd; occ coaly bands ½"		198.0' - 208.0'	0.2' ov

Core Size HQ Core

Hole No. DDH- 321

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:		Sampled:			
Logged By:	Date:	Composites:			
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

From	To	Discard: Reason:		
201.8'	216.6'	Mdst, drk; intbd vf lt gry ss & slst, "wispy," x-bd	208.0' - 218.0'	Correct
216.6'	246.8'	Ss, lt gry vf & f, x-bd, scour & fill,contorted; minor intbd mudst	218.0' - 238.0'	0.3' ov
246.8'	248.0'	Mdst, drk; increasingly coaly	238.0' - 248.0'	0.2' sh
248.0'	249.0'	Coal, boney, shaley, pyritized. Seam11	248.0' - 251.5'	0.7' sh
249.0'	263.4'	Coal, occ bands drk mdst≤¼", pyritized; 1" mdst @ 259.3,260.3',263.0'	251.5' - 258.0'	1.0' sh
263.4'	264.1'	Mdst, v coaly, pyritized.	258.0' - 263.4'	0.3' sh
264.1'	270.4'	Coal, slightly shaley, pyritized.	263.4' - 270.0'	2.0' sh
270.4'	275.9'	Mdst, drk, coaly, pyritized; 4 coal bands ≤ 2"	270.0' - 273.5'	0.5' sh
275.9'	281.7'	Mdst, drk, occ coal stringers; occ "wispy" lt gry vf ss	273.5' - 283.5'	0.6' sh
281.7'	285.6'	Mdst, drk; intbd lt gry vf ss, contorted, x-bd, scour & fill	283.5' - 288.0'	Correct
285.6'	298.0'	Mdst, drk, pyritized; minor lt gry vf & f ss, x-bd.	288.0' - 298.0'	0.2' ov
298.0'	307.0'	Ss, md gry vf & f, x-bd; minor mdst, drk; occ. coaly stringers	298.0' - 308.0'	0.1' sh
307.0'	343.3'	Mdst, drk, calcite dyking; minor lt gry vf ss, x-bd.	308.0' - 318.0'	0.2' ov
343.3'	345.0'	Mdst, drk, pyritized; several coal bands≤½".	318.0' - 328.0'	Correct
345.0'	346.7'	Mdst, drk; occ lt gry vf "wispy" ss.	328.0' - 338.0'	0.1' sh
346.7'	348.8'	Mdst, drk; several coal stringers & Bands.	338.0' - 348.0'	0.2' sh
348.8'	350.9'	Mdst, drk; occ "wispy" lt gry vf ss.	348.0' - 358.0'	0.2' ov
350.9'	352.7'	Mdst, drk; intbd "wispy" x-bd lt gry vf ss.		
352.7'	364.0'	Ss, "wispy" x-bd lt gry vf & f; minor drk mdst; occ coal stringers		

Core Size: HQ Core

Hole No. DDH - 321

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:		Sampled:			
Logged By:	Date:	Composites:			
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

From	To	Discard: Reason:		
364.0'	381.7	Ss, x-bd "wispy" lt gry vf & f: intbd drk mdst; occ coal stringers	358.0' - 368.0'	0.1' ov
381.7'	404.0	Ss, x-bd "wispy" lt gry vf & f, rippled, channelled, & contorted; minor drk mdst	368.0'-378.0'	Correct
404.0'	420.5	Mdst, drk; minor " wispy" vf lt gry ss.	378.0' - 392.0'	Correct
420.5'	421.3	Coal; bright	392.0' - 398.0'	Correct
421.3'	422.3	Mdst, blk, carbonaceous.	398.0' - 407.0'	Correct
422.3'	438.3	Coal, hard, bright, minor soft, dull. Seam 9	407.0' - 418.0'	Correct
		mdst. 1½" @ 424.4'	418.0' - 422.0'	0.5' sh
		mdst. 2 " @ 434.6'	422.0' - 427.5'	0.4' sh
438.3'	438.7	Mdst. drk carbonaceous.	427.5' - 431.0'	1.3' sh
438.7'	439.2	Coal, bright	431.0' - 438.0'	1.0' sh
439.2'	460.0	Mdst, drk; occ "wispy" gry vf ss; abundant coaly partings & lenses.	438.0' -441.0'	1.3' sh
		Coal 5" @ 451.1 bright	441.0' - 448.0'	0.2' sh
		2" @ 453.2' Bright	448.0' - 458.0'	0.4' sh
		4" @ 454.4' bright	458.0' - 468.0'	1.0' sh
		1.4' @ 457' intb with minor drk mdst		
		3" @ 459.3'		
460.0'	480.4	Ss, x-bd gry vf; intbd drk mdst; aboundant coal partings & lenses	468.0' - 478.0'	0.1' ov
480.4'	487.4	Ss, x-bd gry vf & f ; minor drk mdst; several coal partings & lenses	478.0' - 488.0'	Correct
487.4'	501.3	Mdst, drk; occ vf gry ss; occ med brn lenses mdst, very distinct with carb flecks, occ coaly partings & plant fragments	488.0' - 490.0	Correct

Core Size HQ Core

Hole No. DDH - 321

2507—N.D.N.

Diamond Drill Geological Log

Cominco

40 Scale

Color Plot & Dips | Ore Classes & Aver.

Objective:

Sampled:

Logged By: Date:

Composites:

Block: | Sect.: | Place: | App. Bear: | App.: Dip.: | Length:

From	To	Discard: Reason:		
501.3	503.0	Coal, dull, minor bright bands.	490.0' - 498.0'	Correct
503.0	504.2	Mdst, drk br bands intbd with Coal; ≈ 50% each.		
504.2	506.6	Coal, mostly bright		
505.6	506.1	Mdst, drk; minor coal bands		
506.1	508.4	Mdst, drk; coaly partings.	498.0' - 508.0'	1.0' sh
508.4	509.5	Mdst, drk, extremely carb, gradations to coal; minor bright coal bands & lenses.		
509.5	510.3	Coal, mostly bright.	508.0' - 518.0'	1.0' sh
510.3	520.5	Mdst, drk; occ vf gry ss; occ coaly partings		
520.5	531.0	Mdst, drk; carb, numerous coal bands ≤ 1"	518.0' - 528.0'	0.6' sh
531.0	532.6	Coal, bright & dull bands; occ mdst band.		
532.6	534.0	Coal, bright; intbd mdst & carb mdst.		
534.0	536.0	Mdst, drk; occ coal bands ≤ 1" numerous coal parting		
536.0	537.0	Coal, bright & dull bands; minor mdst partings.		
537.0	538.0	Mdst, drk; intbd Coal; both in bands ≤ 1".	528.0' - 538.0'	Correct
538.0	542.3	Mdst, drk; minor x-bd vf gry ss; coaly partings	538.0' - 548.0'	0.2' sh
542.3	549.1	Mdst, drk; intbd vf & f x-bd lt gry ss.	548.0' - 558.0'	Correct
549.1	564.6	Ss, x-bd lt gry vf &f; coaly partings & plant fragments		
564.6	566.8	Ss, lt gry vf; intbd drk mdst; occ coaly partings, qtz dykelets	558.0' - 568.0'	0.2' sh
		@ 563.2' DIP 15°		

Core Size: HQ Core

Hole No. DDH 321

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:		Sampled:			
Logged By:	Date:	Composites:			
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

From	To	Discard: Reason:		
566.8'	589.8'	Mdst, drk; occ lt gry vf beds & lenses ss, ≤½" numerous coaly partings & lenses occ qtz dykelets.	568.0' - 578.0' 578.0' - 588.0'	0.2' ov 0.3' sh
589.8'	591.1'	Ss, lt gry vf x-bd & channel fillings; intbd drk mdst; coaly partings & plant fragments		
591.1'	593.4'	Ss, x-bd lt gry f & vf; minor drk thin mdst.	588.0' - 598.0'	0.2' ov
593.4'	605.4'	Mdst, drk; occ lt gry vf "wispy" ss; coaly partings; 1 coal band ½"		
605.4'	608.7'	Ss, lt gry vf; finely intbd drk mdst; structure "wispy", x-bd, channelled; occ carb mdst.	598.0' - 608.0'	0.1' ov
608.7'	611.0'	Ss, x-bd lt gry vf & f; occ "wispy" mdst & carb mdst.		
611.0'	612.9'	Mdst, drk; intbd md & lt gry vf ss; beds ≤2"; occ carb partings		
612.9'	615.8'	Ss, x-bd rippled scour-filled H gry vf, F & md; occ "wispy" mdst	608.0' - 618.0'	0.3' sh
615.8'	619.7'	Mdst, drk; intbd vf lt gry ss; qtz dykelets.	618.0' - 619.5'	0.1' ov
619.7'	641.3'	Ss, lt gry silt-size to f, x-bd, channelled, rippled burrowed collapse structures	619.5' - 628.0'	Correct
		occ. mdst ≤ 2"; occ coaly partings; @ 636.6' 2 coal bands ½", separated by drk mdst ½"	628.0' - 638.0'	Correct
		DIP @ 620': 10°		
641.3'	649.0'	Intb drk slst & mdst; occ lt gry vf "wispy" ss; occ coaly partings.	638.0' - 648.0'	0.2' ov
649.0'	655.6'	Ss, x-bd lt gry f to md; v occ "wispy" mdst		
655.6'	668.7'	Mdst & slst, drk; intbd lensed x-bd lt gry vf & f ss, usually "wispy," Beds	648.0' - 658.0'	Correct
		≤ 2"; occ coaly partings & lenses; 656.0' - 656.4' coaly with 1 band ≤2".	658.0' - 668.0'	Correct

Core Size: HQ Core

Hole No. DDH - 321

2507—N.D.N.

Diamond Drill Geological Log

Cominco

40 Scale

Color Plot & Dips | Ore Classes & Aver.

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard:	Reason:		
668.7'	670.2'	Ss, mostly lt gry vf & f, some darker; minor drk mdst & slst.		668.0' - 678.0'	Correct
670.2'	696.5'	Mdst, intbd slst, both drk, with coaly partings, plant fragments, & roots		678.0' - 687.6'	Correct
696.5'	726.0'	Coal 696.5' - 698.5'	Mostly bright, firm.	687.6' - 688.0'	Correct
		698.5' -699.9'	Mdst, md drk gry-br, extremely carbonaceous on numerous	688.0' - 698.0'	0.7' sh
		Seam 7	partings.	698.0' - 703.5'	Correct
		699.9' - 703.5'	Mostly bright, firm, final 1.0' softer.	703.5' - 708.0'	0.4' sh
		703.5' - 704.4'	Mdst, drk br-gry, v carbonaceous.	708.0' - 711.0'	1.0' sh
		704.4' - 708.0'	Mostly bright, firm, last 1.0' soft.	711.0' - 716.4'	0.5' sh
		708.0' - 711.0'	Mostly bright, soft; last 4" mdst, v carb (last 1.0' miss-	716.4' - 724.0'	3.0' sh
	✓		ing here)	724.0' - 726.0'	2.0 sh
		711.0' - 716.4'	Mostly bright, soft.		
		716.4' - 724.0'	Hard to 718.0' then softer; mostly bright.		
		724.0' - 726.0'	Missing.		
726.0'	732.0'	Mdst, drk, numerous coaly bands & lenses ≤ ½".		726.0' - 732.0'	0.4' sh
				732.0' - 738.0'	0.2' sh

Core Size: HQ Core

Hole No. DDH= 321

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: C. McK Date: June 4-.8 / 73

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:	Color Plot & Dips		Ore Classes & Aver.
			40 Scale		
732.0'	746.3'	Sandstone, very fine to fine grain, light grey, cross bed. with med gry mudstone & siltstone interbeds	738.0	748.0	0.2' sh
746.3'	752.1'	Mudstone, dark grey occasional very fine grain cross bedded sandstone.	748.0'	758.0'	0.3' sh
752.1'	752.35'	Coal, clarodurain			
752.35	762.0	Mudstone, medium to dark grey with thin very fine grain Sandstone interbeds.			
762.0'	763.9	Sandstone, very fine grain, light grey, cross bedded.	758.0'	768.0	0.3' sh
763.9'	771.3	Mudstone dark grey with thru coal bands at 764.0', 766.7', 768.9', 770.1'	768.0	778.0	0.2' sh
771.3	774.3	Sandstone, fine to medium grain, light grey cross bedded.			
774.3'	779.8	Mudstone,dark grey with thin coal bands at 778.3' & 779.0 and an interbed of fine grain	778.0	788.0	correct
		light grey sandstone between 776' & 776.6'			
779.8	781.8	Siltstone medium grey with occasional very fine grain sandstone interbeds			
781.8	788.2	Mudstone dark grey with thin coal bands at 783.3, 785.5, 787.6 & 787.8			
788.2	790.5	Siltstone medium grey with very fine grainth in cross bedded sandstone interbeds	788.0	798.0	correct
790.5	802.0	Mudstone dark grey with occasional thin coal stringers	798.0	807.0	0.2- sh
802.0	829.5	Coal Seam 5			
802.0	803.6	Durain with occasional thin vitrain bands and a 0.05' mudstone band at 803.0'			
803.6	804.0	Clarain			
804.0	806.0	Durain with occasional thin vitrain bands and a 0.05' mudstone band at 804..3'.			
806.0	806.4	Clarain			
806.4	807.5	Durain	807.0	817.0	Correct
807.5	807.7	Sandstone coarse grain dark grey very hard			
807.7	808.8	Durain			
808.8	809.5	Clarodurain with a 0.05' mudstone band at 809.2'			
809.5	812.1	Durain			

Core Size HQ Core

Hole No. DDH 321

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:
812.1	812.6	Clarain
812.6	814.8	Durain with occasional vitrain bands.
814.8	815.3	Clarain
815.3	816.2	Durain
816.2	816.7	Clarodurain
816.7	817.2	Durain
817.2	817.7	Clarodurain
817.7	823.9	Durain with occasional thin vitrain bands
823.9	824.3	Mudstone carbonaceous
824.3	824.6	Durain
824.6	826.0	Mudstone dark grey with thin coal stringers
826.0	826.5	Durain
826.5	827.0	Clarain
827.0	827.4	Mudstone dark grey
827.4	828.3	Durain
828.3	828.7	Mudstone dark grey
828.7	829.5	Durain with occasional thin vitrain bands
829.5	834.9	Mudstone medium grey with a sandy siltstone band 832.0 & 833.0
834.9	837.9	Durain with minor vitrain bands
837.9	844.2	Mudstone medium grey with thin stringers of coal at 840.8 and 843.8

Core Size

Hole No.

Page 9 of 11

40 Scale

Color Plot & Dips		Ore Classes & Aver.
817.0	824.0	correct
824.0	826.0	0.2 sh
826.0	831.5	0.3 sh
831.5	838.0	0.2' sh
838.0	844.0	0.4' sh

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:	40 Scale Color Plot & Dips		Ore Classes & Aver.
844.2	847.7	Siltstone medium grey with fine grain light grey Sandstone interbeds	844.0	851.0	0.5 sh
847.7	849.5	Mudstone dark grey			
849.5	849.8	Durain			
849.8	858.4	Mudstone medium to dark grey with a thin durain band between 851 and 851.6	851.0	855.0	0.5 sh
858.4	861.0	Sandstone very fine grain light grey, cross bedded with siltstone interbeds	855.0	862.0	0.5 sh
861.0	862.6	Mudstone medium grey	862.0	867.0	0.2 sh
862.6	870.5	Siltsone medium grey with light grey very fine grain. Sandstone interbeds	867.0	877.0	1.1 sh
870.5	873.5	Mudstone medium grey.			
873.5	877.0	Siltstone medium grey.			
877.0	879.3	Sandstone, medium grey, very fine grain.	877.0	887.3	0.1 ov
879.3	882.2	Siltstone medium grey			
882.2	890.1	Siltstone medium grey with fine grain sandstone interbeds.	887.3	897.5	correct
890.1	905.4	Sandstone fine to medium grain light grey, cross bedded with thin siltstone interbeds & occasional coal stringers	897.5	907.8	0.2 sh
905.4	915.2	Sandstone medium to coarse grain light grey with occasional coal stringers	907.8	918.1	0.1 ov
915.2	916.7	Sandstone fine grain light grey cross bedded.			
916.7	918.0	Sandstone very fine grain medium grey laminated with some coal stringers			
918.0	926.2	Sandstone coarse grain light grey with some mudstone clasts& interbedded mudstone bands.	918.1	922.5	0.5 ov
926.2	955.0	Sandstone coarse grain light speckled grey massive competant	922.5	928.0	0.6 ov
955	976.4	Siltstone medium grey with very fine grain sandstone and mudstone interbeds.	928.0	938.0	0.7 ov
976.4	978.7	Siltsone medium grey FAULT intersection, near vertical ,	938.0	948.0	correct
		hanging wall of siltstone, slichen sides , foot wall mudstone brecciated.	948.0	958.0	0.2 ov
			958.0	968.0	0.3 ov
978.7	988.8	Siltstone medium grey with very fine grain Sandstone interbeds.	968.0	976.4	correct
			976.4	986.8	correct
			986.8	997.0	correct

Core Size

Hole No.

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:
988.8	999.6	Mudstone medium to dark grey
999.4	1029.6	Coal Seam 4
999.4	1004	Duroclarain with occasional vitrain bands.
1004	1004.8	Durain
1004.8	1007.2	Clarain
1007.2	1008.0	Durain
1008.0	1018.0	Clarodurain
1018.0	1024	Durain and mudstone (bad recovery)
1024	1027.8	Clarodurain with a 0.1 mudstone band (bad recovery)
1027.8	1028.8	Mudstone dark grey
1028.8	1029.6	Durain high ash.
1029.6	1031.1	Mudstone dark grey with many coal stringers.
1031.1	1032.4	Mudstone medium grey.
1032.4	1034	Clarodurain (lost core, actual measured thickness 0.3')
1034	1035.7	Mudstone medium to dark grey
1035.7	1042.0	Sandstone fine to medium grain light grey cross bedded
1042.0	1043.5	Mudstone medium grey.
1043.5	1052	Sandstone fine to medium grainlight grey coss bedded with siltstone interbeds
	1052	Bottom of hole

Core Size

Hole No.

Page 11 of 11

40 Scale

Color Plot & Dips		Ore Classes & Aver.
997.0	1000.0	0.1 sh
1000.0	1004.0	0.9 sh
1004.0	1008.0	0.9 shh
1008	1016.5	2.1 sh
1016.5	1018.0	1.0 sh
1018.0	1024.0	5. 6sh
1024.0	1028.0	2.8 sh
1028.0	1034.0	2.0 sh
1034.0	1042.0	0.2 ov
1042.0	1052.0	0.4 sh

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-Foreing 73(3)A-2

315

Objective:

Sampled:

Logged By: C.McK & D.J.B. Date: June 6 - June 14/73

Composites:

Block: | Sect.: | Place: | App. Bear: | App.: Dip.: | Length:

From	To	Discard: Reason:
0.0	12.0	Casing - left in hole, with shoe
12.0	21.7	Siltstone medium grey with mudstone interbeds
21.7	42.0	Mudstone dark grey with interbedded pyrite between 41.0 & 42.0
42.0	43.0	COAL
43.0	51.9	mudstone medium grey
51.9	72.5	Mudstone medium grey with siltstone and fine grain sandstone interbeds
72.5	75.5	Sandstone fine grain light grey cross bedded with mudstone interbeds
75.5	86.0	Mudstone medium to dark grey with occasional siltstone interbeds
86.0	88.5	Sandstone very fine grain light grey cross bedded with Siltstone interbeds
88.5	94.0	Mudstone medium grey.
94.0	102.0	Sandstone very fine grain light grey cross bedded with mudstone & siltsone interbeds
102.0	111.2	Mudstone medium to dark grey
111.2	129.5	COAL seam 9
111.2	112.4	Durain
112.4	113.3	Boney Coal
113.3	114.8	Durain
114.8	117.5	Durain with occasional vitrain band and a 0.05' mudstone band at 114.9'
117.5	117.75	Mudstone medium grey.
117.75	119.4	Clarodurain
119.4	121.0	Durain
121.0	121.5	Clarain
121.5	126.0	Durain
126.0	127.0	Clarodurain

Core Size: HQ Core

Hole No. DDH 322

Page 1 of 7

40 Scale

Color Plot & Dips | Ore Classes & Aver.

SHORTS & OVERAGES

12.0	18.0	1.0 sh
18.0	24.0	0.2 sh
24.0	32.0	0.1 sh
32.0	38.0	5.1 sh
38.0	48.0	0.2 sh
~~48.0~~	58.0	0.6 sh
58.0	68.0	0.2 ov
68.0	78.0	0.2 ov
78.0	88.0	0.2 ov
88.0	98.0	0.1 sh
98.0	108.0	correct
108.0	109.6	0.3 sh
109.6	112.0	0.5 sh
112.0	117.6	1.8 sh
117.6	121.0	1.4 sh
121.0	127.0	2.4 sh

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:
127.0	127.9	Duroclarain
127.9	129.5	Clarain
129.5	131.7	Mudstone dark grey
131.7	132.1	Durain high ash
132.1	144.7	Mudstone medium grey
144.7	148.0	Siltstone medium grey
148.0	170.3	Mudstone medium to dark grey
170.3	170.8	COAL durain
170.8	171.3	Mudstone dark grey with coal stringers
171.3	181.5	Mudstone dark grey with coal bands at 175.2 & 176.5
181.5	188.0	Siltstone medium grey
188.0	191.0	Sandstone very fine grain cross bedded light grey with mudstone interbeds
191.0	218.5	Sandstone coarse grain speckled light grey massive occasionally cross bedded
218.5	223.8	Sandstone coarse grain speckled light grey massive with mudstone and siltstone interbeds
223.8	231.0	Sandstone coarse grain speckled light grey massive with some coal stringers
231.0	235.7	COAL
231.0	232.7	Clarain
232.7	233.2	Boney coal
233.2	233.7	Durain
233.7	233.95	Mudstone with coal stringers
233.95	235.7	Clarain with a 0.05' mudstone band at 233.5'

Core Size

Hole No. DDH 322

40 Scale

Color Plot & Dips		Ore Classes & Aver.
127.0	131.6	1.6 sh
131.6	138.0	0.4 sh
138.0	148.0	0.2 sh
148.0	158.0	0.1 ov
158.0	168.0	0.3 sh
168.0	172.0	0.5 sh
172.0	178.0	correct
178.0	188.0	0.1 ov
188.0	198.0	0.4 sh
198.0	208.0	0.3 ov
208.0	218.0	0.2 ov
218.0	228.0	0.4 sh
~~228.0~~	238.0	1.0 ~~sh~~
238.0	243.5	1.1 sh

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:
235.7	237.7	Sandstone medium grain, medium to dark grey massive.
237.7	238.0	Mudstone black with some coal stringers
238.0	240.1	Durain with occasional vitrain bands and a 0.1' mudstone band at 238.7'.
240.1	243.6	Mudstone dark grey
243.6	245.9	Durain & mudstone interbeds (Poor Recovery)
245.9	248.0	Sandstone medium grain, black very hard, with mudstone interbeds, evidence of grinding
248.0	252.0	Durain (Very Poor Recovery)
252.0	252.1	Clarain
252.1	261.4	Mudstone dark grey
261.4	268.0	Sandstone very fine grain medium grey with siltstone interbeds.
268.0	277.3	Sandstone fine grain cross bedded light grey
277.3	280.0	Siltstone sandy medium grey
280.0	310.4	Sandstone medium to coarse grain light grey with mudstone interbeds & coal stringers between (290.9 & 291.7) and (292.7 & 292.9)
310.4	336.0	Mudstone dark grey
336.0	344.8	Sandstone fine grain light grey cross bedded
344.8	364.1	Mudstone medium grey
364.1	364.9	Durain
364.9	366.8	Mudstone dark grey with some coal stringers
366.8	388.7	COAL Seam 7 ✓

Core Size

Hole No.

40 Scale

Color Plot & Dips		Ore Classes & Aver.
243.5	248.0	2.4 sh
248.0	252.0	3.6 sh
252.0	254.0	correct
254.0	258.0	0.4 sh
258.0	268.0	0.2 sh
268.0	278.0	correct
278.0	280.0	correct
280.0	282.0	0.2 sh
282.0	288.0	0.2 ov
288.0	298.0	0.6 ov
298.0	307.0	correct
307.0	317.0	0.5 ov
317.0	327.0	correct
327.0	337.0	0.2 ov
337.0	342.0	correct
342.0	358.0	0.3 ov
358.0	366.0	0.3 sh
366.0	368.0	correct

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block: Sect.: Place: App. Bear: App.: Dip.: Length:

From	To	Discard: Reason:
366.8	368.0	Clarain
368.0	371.7	Clarodurain
371.7	375.0	Durain with mudstone bands at 372.3, 372.8 & 374.9
375.0	380.7	Clarodurain
380.7	380.8	Mudstone medium grey
380.8	388.7	Clarodurain with some vitrain bands and a thin mudstone band at 382.3
388.7	390.7	Mudstone dark grey with coal stringers
390.7	395.5	Durain with occasional vitrain bands, high ash content at 391.8 to 392.2
395.5	402.5	Mudstone dark grey with occasional coal stringers
402.5	410.7	Mudstone medium grey with very fine grain sandstone interbeds
410.7	419.0	Sandstone very fine grain light grey cross bedded
419.0	427.0	Mudstone medium grey with thin sandstone fine grain interbeds
427.0	433.2	Siltstone medium grey with very fine grain sandstone interbeds
433.2	439.0	Mudstone medium grey
439.0	451.6	Sandstone very fine grain to fine grain light grey cross bedded with some mudstone interbedded
451.6	460.3	Mudstone medium grey
460.3	465.5	Sandstone very fine grain cross bedded light grey with a mudstone band between 463.4 & 465.0
465.5	482.6	Mudstone medium to dark grey
482.6	507.2	COAL seam 5 ✓

Core Size

Hole No.

Page 4 of 7

40 Scale

Color Plot & Dips		Ore Classes & Aver.
368.0	370.3	correct
370.3	371.7	0.4 sh
371.7	375	0.3 sh
375.0	379.6	1.0 sh
379.6	380.7	0.5 sh
380.7	385.5	0.2 sh
385.5	388.0	correct
388.0	390.0	0.2 ov
390.0	394.0	correct
394.0	395.5	0.8 sh
395.5	398.0	0.3 ov
398.0	407.0	0.1 sh
407.0	410.0	0.1 sh
410.0	413.0	0.5 sh
413.0	422.0	0.5 ov
422.0	423.5	0.3 ov
423.5	432.0	0.1 sh
432.0	437.4	0.6 ov
437.4	438.0	0.2 sh
438.0	448.0	correct
448.0	452.0	0.4 sh
452.0	458.0	0.2 ov
458.0	468.0	0.5 ov
468.0	478.0	0.4 sh

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:
482.6	485.6	Durain with an occasional vitrain band
485.6	488.3	Clarain with some durain bands
488.3	492.0	Clarodurain with a 0.1' mudst one band at 489.3
492.0	494.5	Durain with some vitrain bands high ash
494.5	499.0	Clarodurain
499.0	504.0	Durain high ash with mudstone bands between (500.9 & 501.0) & (501.3 & 501.6)
504.0	507.2	Clarodurain with mudstone bands at (505.9 - 506.0) & (506.2 - 506.5)
507.2	513.6	Mudstone medium to dark grey with a coal band from 511.6 - 511.9
513.6	514.9	COAL Clarodurain
514.9	517.0	Mudstone dark grey
517.0	517.9	Durain with some vitrain bands
517.9	518.1	Mudstone dark grey
518.1	519.1	Duroclarain
519.1	524.3	Mudstone medium to dark grey
524.3	525.0	Siltstone medium grey
525.0	535.5	Mudstone medium to dark grey with occasional coal stringers
535.5	536.6	COAL durain with mudstone interbeds
536.6	548.0	mudstone medium grey with occasional coal stringers
548.0	550.2	Siltstone medium grey with very fine grain sandstone interbeds
550.2	554.0	Mudstone medium grey
554.0	555.4	Siltstone medium grey
555.4	557.5	Mudstone medium grey

Core Size

Hole No.

Page 5 of 7

40 Scale

Color Plot & Dips		Ore Classes & Aver.
478.0	482.6	0.3 sh
482.6	486.8	0.4 sh
486.8	494.0	0.4 sh
494.0	500.0	0.3 sh
500.0	505.3	0.1 sh
~~505.3~~	507.2	~~correct~~
507.2	512.0	correct
512.0	518.0	correct
518.0	524.0	0.4 o v
~~528.0~~	538.0	0.8 ~~sh~~
538.0	540.0	correct
540.0	548.0	1.0 sh
548.0	555.5	0.3 sh
555.5	558.0	0.6 ov

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

Discard: Reason:

From	To	
557.5	561.6	Siltstone medium grey
561.6	565.0	Mudstone medium grey
565.0	575.0	Siltstone medium grey
575.0	590.7	Sandstone light grey medium to coarse grain, many coal stringers between 585 & 590.7
590.7	596.8	Siltstone medium grey with very fine grain,sandstone interbeds
596.8	600.7	Sandstone medium grain light grey
600.7	601.5	Sandstone fine grain medium grey with mudstone interbeds
601.5	609.5	Sandstone fine to medium grain light grey cross bedded with coal stringers between 608.0' & 609.5'
609.5	644.8	Sandstone coarse grain light grey speckled cross bedded massive in part
644.8	652.8	Mudstone medium to dark grey with occasional coal stringers
652.8	656.0	Siltstone medium grey with very fine grain sandstone interbeds
656.0	672.0	Sandstone very fine grain light grey with siltstone interbeds
672.0	675.0	Siltstone medium grey
675.0	683.4	Mudstone medium to dark grey
683.4	716.3	COAL Seam 4 ✓
683.4	687.0	Durain with occasional vitrain bands
687.0	689.0	Durain
689.0	690.0	Clarodurain with thin mudstone bands at 689.2 and 689.7
690.0	693.7	Durain
693.7	694.2	Clarodurain
694.2	697.7	Durain
697.7	702.0	Clarodurain

Core Size

Hole No.

40 Scale

Color Plot & Dips		Ore Classes & Aver.
558.0	568.0	0.1 sh
568.0	574.0	correct
574.0	580.0	2.0 sh
580.0	588.0	correct
588.0	595.0	correct
~~595.0~~	600.5	1.9 sh
600.5	601.0	1.2 ov
601.0	608.0	correct
608.0	618.0	correct
618.0	628.0	correct
628.0	638.0	0.1 sh
638.0	648.0	0.6 sh
648.0	658.0	0.1 ov
658.0	668.0	correct
668.0	684.0	0.8 ov
~~684.0~~	688.0	0.3 sh
688.0	690.0	0.3 sh
690.0	698.0	0.7 sh
698.0	702.0	0.2 ov
702.0	710.0	0.8 sh

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:
702.0	703.3	Durain
703.3	704.0	Clarodurain
704.0	708.0	Durain
708.0	710.0	Clarodurain
710.0	711.6	Durain
711.6	712.6	Mudstone with many coal stringers
712.6	713.4	Durain
713.4	713.7	Duroclarain
713.7	716.3	Durain with a thin mudstone band at 714.3'
716.3	718.0	Mudstone dark grey
718.0	718.2	COAL durain
718.2	723.8	Mudstone medium grey with coal bands between (719.1 & 719.2) & (720.3 & 720.8)
723.8	728.1	Siltstone medium grey
728.1	730.0	Sandstone medium grey light grey massive
730.0	738.0	Sandstone fine grain light grey thin bedded with some siltstone bands.
	738.0	BOTTOM OF HOLE

40 Scale

Color Plot & Dips		Ore Classes & Aver.
710.0	711.6	0.2 sh
711.6	718.0	1.4 sh
718.0	728.0	0.7 sh
~~728.0~~	738.0	corre ~~d~~

Core Size

Hole No.

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-Fording 73(3)A-2

315

Objective:	Sampled:
Logged By: D. E. Bell Date: June 16-17/73	Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

From	To	Discard: Reason:	SHORTS & OVERAGES	
		Core Start @ 10.0', 11 ft. HW casing plus shoe in hole.		
10.0'	12.3'	Ss, vf md lt-gry & lt-brn, x-bd; minor drk slst; slightly carb.	10.0' - 19.0'	Correct
		DIP @ 12' ∠ 10°		
12.3'	14.5'	Intb Ss, vf & f lt-gry; & slst, drk.	19.0' - 28.0'	1.6' sh
14.5'	37.0'	Slst, drk, barb; minor f & vf lt-gry wispy ss; occ drk mdst ≤ 2"; occ coaly flakes;	28.0' - 38.0'	Correct
		occ coaly parting; occ qtz dykelets.		
37.0'	38.2'	Ss, vf & f lt-gry rippled, coaly, x-bd.		
38.2'	46.5'	Slst, drk, coaly; minor vf lt gry x-bd ss ≤ 2"; occ mdst ≤ 2".	38.0' - 48.0'	Correct
46.5'	50.2'	Ss, f & vf lt-gry, brn & md-drk-gry x-bd; minor drk slst; carb.		
50.2'	56.7'	Slst, mostly drk, coaly; minor f & vf lt gry x-bd wispy coaly ss.	48.0' - 58.0'	Correct
56.7'	60.7'	Mdst, drk; v carb; occ carb drk slst.		
60.7'	83.4'	COAL (22.7') Seam 9 (small flecks pyrite throughout) ✓		
60.7'	61.0'	Durain, hard		
61.0'	61.7'	Intbd durain & clarain	58.0' - 62.4'	0.4' sh
61.7'	63.8'	Durain, core broken; ¼" drk-brn mdst lense @ 62.8'	62.4' - 65.0'	0.1' sh
63.8'	64.8'	Durain; minor clarain; ;both hard.	65.0' - 69.8'	Correct
64.8'	70.0'	Finely intbd durain & clarain; soft 68.0' - 70.0'		
70.0'	70.4'	Clarain, hard		
70.4'	71.5'	Intbd durain & clarain, ≤ ½"; both mostly hard.		
71.5'	74.4'	Durain; minor clarain ≤ ½"; both mostly hard.		

Core Size: HQ Core

Hole No. DDH -323

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:	Sampled:
Logged By: Date:	Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

From	To	Discard: Reason:		
74.4'	74.9'	Mdst, drk, "pelletoidal" aspect (spherules ≤1/16" dia.); hard, bl streak.	69.8' - 78.0'	0.7' sh
74.9'	75.5'	Clarain, hard.		
75.5'	77.0'	Intbd durain & clarain, hard.		
77.0'	77.1'	Mdst, drk-br.		
77.1'	78.3'	Intbd durain & clarain, hard, beds ≤ ½".		
78.3'	78.4'	Durain - shale, each ≏ 50%.		
78.4'	79.3'	Intbd durain & clarain, hard; beds ≤ ½".		
79.3'	80.2'	Mdst, drk, coaly.		
80.2'	80.5'	Intbd durain & clarain, hard, beds ≤ ½".		
80.5'	80.6'	Mdst, drk.		
80.6'	81.3'	Intbd durain & clarain, hard, somewaht shaley.		
81.3'	81.4'	Mdst, drk.		
81.4'	81.5'	Durain, hard shaley.		
81.5'	82.1'	Mdst, drk, coaly	78.0' - 82.0'	0.3' sh
82.1'	83.4'	Durain; minor clarain; mostly hard.		
83.4'	84.2'	Mdst, drk, coaly.		
84.2'	84.4'	Claro-durain; hard.		
84.4'	88.0'	Mdst, drk.	82.0' - 88.0'	Correct

Core Size

Hole No. DDH- 323

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By McKenny & Brooks Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:
88.0'	93.1'	Mudstone medium to dark grey
93.1'	93.8'	COAL durain
93.8'	97.5'	Mudstone medium grey
97.5	100.5'	COAL Durain with some vitrain bands and a mudstone band from (99.0 to 99.2) & (99.7 to 99.8).
100.5'	105.3	Mudstone medium grey with a coal band at 103.5'.
105.3'	111.3	Siltstone medium grey with mudstone interbeds
111.3'	113.6	Sandstone very fine grain light grey with siltstone interbeds.
113.6	144.0	Mudstone medium grey
144.0'	152.0	Mudstone medium grey with Siltstone interbeds
152.0'	188.0	Siltstone medium grey with mudstone and very fine grain sandstone interbeds
188.0	204.7	COAL seam ?
188.0	188.5	Clarodurain
188.5	188.9	Sandstone fine grained, hard with a thin coal band at 188.7
188.9	190.6	Clarain
190.6	190.9	Boney coal
190.9	194.0	Clarodurain
194.0	195.2	Mudstone dark grey with thin coal bands at 194.3 & 194.8
195.2	197.6	Clarodurain
197.6	198.3	Mudstone black
198.3	202.9	Duroclarain
202.9	204.7	Clarodurain

Core Size HQ Core

Hole No. DDH - 323

40 Scale

Color Plot & Dips		Ore Classes & Aver.
88.0'	99.0'	0.9 sh
99.0	108.0	correct
108.0'	118.0'	0.4 sh
118.0'	128.0'	0.2 ov
128.0'	138.0'	1.5 sh
138.0'	146.6	1.6 ov
146.6	152.0	0.2 sh
152.0	158.0	0.2 ov
158.0	168.0	5.0 sh
168.0	177.5	1.3 sh
177.5	178.0	1.9 ov
178.0	188.0	0.1 ov
188.0	196.5	0.2 sh
196.5	203.5	1.3 sh
203.5	208.0	0.3 sh

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

From	To	Discard: Reason:	Color Plot & Dips		Ore Classes & Aver.
204.7	216.7	Mudstone medium grey	208.0	218.0	0.3 sh
216.7	219.6	Sandstone very fine grain light grey with siltstone interbeds	218.0	228.0	correct
219.6	221.0	Siltstone medium grey with mudstone interbeds			
221.0	225.3	Mudstone medium grey			
225.3	231.3	Sandstone fine to medium grain light grey evenly bedded.	228.0	238.0	correct
231.3	243.8	Mudstone medium grey with siltstone interbeds	238.0	248.0	0.2 sh
243.8	264.2	Mudstone medium grey	~~248.0~~	258.0	~~0.5 ov~~
264.2	290.1	COAL Seam 7	258.0	267.0	0.3 sh
264.2	264.7	Durain			
264.7	265.6	Mudstone black cabonaceous			
265.6	269.0	Durain with some vitrain bands	267.0	272.0	0.4 sh
269.0	271.0	Clarodurain			
271.0	275.6	Durain with some vitrain bands	272.0	273.4	0.3 sh
275.6	279.0	Duraclarain	273.4	279.0	correct
279.0	280.0	Durain	279.0	280.6	0.1 sh
280.0	281.2	Mudstone dark grey with a coal band at 280.3 to 280.6	~~280.6~~	289.4	~~0.1 sh~~
281.2	282.0	Durain			
282.0	289.4	Durodurain			
289.4	290.1	Durain	289.4	291.0	0.4 sh
290.1	293.0	Mudstone dark grey			
293.0	295.5	Sillstone medium grey	291.0	298.0	0.3 sh

Core Size

Hole No.

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:
295.5	317.0	Mudstone medium to dark grey with some coal stringers
317.0	322.0	Siltstone medium grey
322.0	327.0	Mudstone medium grey
327.0	330.0	Sandstone very fine grain light grey with siltstone and mudstone interbeds
330.0	341.0	Siltstone medium grey
341.0	343.3	Sandstone very fine grain, light grey cross bedded with siltstone interbeds
343.3	344.0	Mudstone medium grey with thin coal bands
344.0	357.2	Sandstone very fine grain light grey with siltstone interbeds
357.2	378.0	Siltstone medium grey with mudstone & fine grain sandstone interbeds
378.0	386.4	Sandstone very fine grain light grey with mudstone interbeds
386.4	410.5	Siltstone medium grey
410.5	411.0	COAL durain
411.0	415.6	Siltstone medium grey.
415.6	423.8	Mudstone dark grey
423.8	447.2	COAL Seam 5 ✓
423.8	425.5	Durain with some vitrain bands and a thin mudstone band from 424.6 to 424.7
425.5	425.7	Mudstone carbonaceous
425.7	428.0	Clarodurain
428.0	430.9	Durain with some vitrain bands
430.9	431.6	Mudstone carbonaceous
431.6	435.8	Durain with some vitrain bands
435.8	438.7	Duraclarain

Core Size

Hole No.

Page 5 of 7

40 Scale

Color Plot & Dips		Ore Classes & Aver.
298.0	308.0	7.4 sh
308.0	317.0	0.2 sh
317.0	327.0	0.5 ov
327.0	332	1.0 ov
332.0	338.0	0.6 sh
338.0	344.0	correct
344.0	348.0	0.2 ov
348.0	358.0	0.2 sh
358.0	368.0	0.1 ov
368.0	378.0	0.4 sh
378.0	388.0	0.1 ov
388.0	398.0	correct
398.0	408.0	0.2 sh
408.0	418.0	correct
418.0	421.0	correct
~~421.0~~	428.0	0.1 ~~sh~~
428.0	431.6	correct
431.6	438.0	correct
438.0	444.0	correct

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block: Sect.: Place: App. Bear: App.: Dip.: Length:

From	To	Discard: Reason:
438.7	440.6	Clarodurain
440.6	441.0	Mudstone medium grey
441.0	443.4	Durain with some vitrain bands
443.4	444.1	Mudstone carbonaceous
444.1	447.2	Clarodurain with mudstone bands at (445.6 to 445.8) &(446.2 to 446.3)
447.2	449.2	Mudstone carbonaceous
449.2	450.0	COAL, durain with mudstone bands, high ash.
450.0	458.0	Mudstone dark grey with thin coal bands at (453.2 to 453.4) & (453.9 to 454.0)
458.0	471.0	Siltstone medium grey with some mudstone interbeds coal band at (459.8 to 459.9)
471.0	474.3	Mudstone medium grey
474.3	475.9	Coal, duroclarain
475.9	487.6	Mudstone dark grey with 0.1' coal bands at 479.4' & 484.0'
487.6	498.8	Coal Durain with some vitrain and mudstone bands
498.8	490.5	Mudstone carbonaceous
490.5	491.3	Coal Clarodurain
491.3	502.3	Mudstone dark grey with 0.1' coal bands at 492.2', 492.7', 493.7', 493.9' & 494.8'
502.3	516.3	Siltstone medium grey with very fine grain Sandstone interbeds.
516.3	519.0	Sandstone very fine grain light grey cross bedded.
519.0	526.0	Siltstone medium grey with very fine grain Sandstone interbeds
526.0	543.0	Sandstone very fine to fine grain light grey cross bedded with siltstone interbeds
543.0	544.8	Siltstone medium grey
544.8	553.5	Sandstone medium to coarse grain light grey with siltstone & mudstone interbeds

Core Size

Hole No.

40 Scale

Color Plot & Dips	Ore Classes & Aver.
444.0 – 448.0	correct
~~448.0 – 458.0~~	~~0.3 sh~~
458.0 – 468.0	0.2 sh
468.0 – 478.0	correct
478.0 – 488.0	correct
488.00 – 498.0	0.2 sh
~~498.0 – 506.0~~	~~0.7 sh~~
506.0 – 516.0	1.3 ov
516.0 – 526.0	0.2 ov
526.0 – 536.3	0.4 sh
536.0 – 546.0	0.5 ov
546.0 – 556.0	correct

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K- FORDING 73(3)A-2

Objective:		Sampled:				
Logged By:	Date:	Composites:				
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:	

From	To	Discard: Reason:
553.5	555.7	Sandstone very fine grain light grey with siltstone interbeds
555.7	599.1	Sandstone medium to coarse grain light grey speckled massive to thin bedded
		contains a siltstone band from 461 - 462
599.1	608.0	Siltstone medium grey with light grey very fine grain sandstone interbeds
608.0	611.3	Sandstone medium grain light grey cross bedded
611.3	616.1	Siltstone medium grey
616.1	622.8	Mudstone medium grey
622.8	662.0	COAL Seam 4 ✓
622.8	623.5	Durain
623.5	628.3	Clarodurain
628.3	630.5	Durain with some vitrain bands & 0.1' mudstone band at 629.7'
630.5	636.0	Clarodurain
636.0	641.0	Duroclarain with a 0.05' mustone band at 640.1
641.0	644.8	Durain with some vitrain bands
644.8	645.2	Clarain
645.2	649.5	Clarodurain
649.5	652.8	Durain with some vitrain bands
652.8	655.0	Mudstone carbonaceous with coal stringers
655.0	659.5	Duroclarain with 0.05' mudstone bands at 655.8, 656.2 & 657.6
659.5	662.0	Durain with some vitrain bands & mudstone bands from (660.6 to 660.7) & (661.65 to 661.8)
662.0	672.4	Mudstone dark grey
672.4	673.0	Sandstone fine grain massive light grey
	673.0	END OF HOLE

Core Size

Hole No.

Page 7 of 7

40 Scale

Color Plot & Dips		Ore Classes & Aver.
556.0	563.0	0.2 sh
563.0	568.0	0.4 sh
568.0	578.0	0.2 sh
578.0	588.0	0.1 sh
588.0	598.0	0.7 sh
598.0	608.0	0.1 sh
608.0	618.0	correct
618.0	623.6	0.1 sh
623.6	630.0	0.1 sh
630.0	635.6	0.2 sh
635.6	643.0	0.4 sh
643.0	648.0	0.3 sh
648.0	652.0	0.3 sh
652.0	657.6	0.5 sh
657.6	663.0	0.3 sh
663.0	673.0	0.5 ov

2507—N.D.N.

Diamond Drill Geological Log

K-FORDING 73(3)A-2

Cominco

Objective:

Sampled:

Logged By: D.J. Brooks Date: June 28, 1973

Composites:

[redacted]

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

Discard: Cgs = 0 to 14

Reason: INTERSECTIONS TAKEN FROM RADIATION LOG

From	To	
14	26	Mudste & sltste, interbdd.
26	50	Ss, mudste, interbdd
50	59.5	mudste
59.5	61	Coal
61	63	Mudste
63	91	Coal Seam #7
91	170	Bdd sltste & mudste, some ss
170	180	Mudste with some sltste
180	212	Coal Seam #5
212	229	Bdd mudste & sltste
229	233	Coal
233	274	Interbdd mudste & sltste
274	328	ss with some mudste
328	370	Mudste with several large ss bands
370	383	Mostly mudste
383	408	Coal Seam #4
408	410	Mudste
410	413.5	Coal, Seam #4
413.5	426	Interbdd mudste & sltste

T.D. = 426

Core Size

Hole No. RH 324

Page 1 of 1

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K- FORDING 73(3)A-2

Objective:

Sampled:

Logged By: D JB

Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

From	To	Discard:	Reason:
		Cgs 0-14	INTERSECTIONS TAKEN FROM RADIATION LOG
14	20	Mudste & sltste interbdds	
20	26	Ss	
26	35	Mudste	
35	67	Coal Seam #4	
67	73	Mudste	
73	79	Coal Seam #4	
79	100	Mudste & sltste, some small coal stringers	
		T.D. = 100	

Core Size

Hole No. R.H. 325

Page 1 of 1

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-FORDINK 73(3)A-2

Objective:

Sampled:

[redacted]

Logged By: DJB Date: June 26, 1973

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

Discard: Cgs to 16½'

Reason: INTERSECTIONS TAKEN FROM RADIATION LOG

From	To	
16.5	31	Sltste
31	47	f. sand
47	59	f. sand and some sh.
59	66	Some coal interbdd mudste
66	74	Sand
74	85	Mudste
85	107	Coal #12 Seam
107	114	Sltste, some f. sand
114	122	Intbdd. sltste and mudste
122	129	Mudste
129	140	Coal #11 U
140	215	Interbdd sltste and mudste
215	250	Mudste W 1 some sltste bds.
250	261	Coal
261	266	Mudste
		#11 Seam
266	270	Coal
270	279	Ss, sltste
279	299	Interbdd sltste and mudste

T. D. = 299

Core Size

Hole No. RH 326

Page 1 of 1

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

2507—N.D.N.

Diamond Drill Geological Log

K-FORDING 73/3A-2

Cominco

Objective:		Sampled:			
Logged By: D.J. Brooks	Date: June 26, 1973	Composites:			
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

Discard: Cgs to 15.0'

Reason: INTERSECTIONS TAKEN FROM RADIATION LOG

From	To	
15	28	Interbdd mudste & sltste
28	46	Mudste, some sltste
46	59	Coal, 2 mudste partings @ 50', 55' Seam #13
59	63	Mudste.
63	68	Coal
68	77	Mudste
77	80	Coal
80	155	Interbdd sltste & mudste, some coal stringers
155	161	Mudste
161	178	Coal #12 seam
178	228	Mudste & sltste interbdd
228	233	Mudste
233	243	Coal - #11 U seam.
243	260	Mudste, some coal bands
260	264	Mudste
264	267	Coal
267	284	Mudste with some sltste
284	312	Mudste & sltste
312	314	Mudste
314	325	Coal #11 Seam
325	331	Mudste
331	335	Coal
335	367	Ss with interbdd mudste
		T.D. = 367

Core Size

Hole No. RH 327

Page 1 of 1

2507—N.D.N.

Diamond Drill Geological Log

K-FORDING 73(3)A-2

Cominco

Objective:		Sampled:			
Logged By: DJB	Date: June 26, 1973	Composites:			
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

From	To	Discard: Cgs 0 - 15' Reason: INTERSECTIONS TAKEN FROM RADIATION LOG
15	48	Mudste with some sltste
48	69	Mudste with some thin coal bands
69	73	SS
73	76	Mudste
76	81	Coal
81	89	Mudste with some sltste bds.
89	94	Coal
94	144	Mostly mudste with some sltste & fine sand
144	196	Ss
196	204	Mudste
204	225	Coal with several small mudste bands #7 seam.
225	229	Mudste
229	233	Coal
233	326	Mudste/sltste interbds
326	337	Mudste with several small sltste stringers
337	340	Mudste
340	363	Coal, mudste stringer @ 358, #5 seam
363	371	Mudste
371	373	Coal
373	384	Mudste with several coal bands
384	388	Coal
388	423	Mudste with SS band
		T.D. = 423

Core Size

Hole No. RH 328

Page 1 of 1

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-FORDENG 73(3)A-2

Objective:		Sampled:			
Logged By: DJB	Date: June 26, 1973	Composites:			
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

From	To	Discard:	Reason:
		Cgs 0-14	INTERSECTIONS TAKEN FROM RADIATION LOG
14	40	Sltste and mudste interbds	
40	86	Coal	
86	122	Mudste/sltste/ss interbds	
		T.D. = 122	

Core Size

Hole No. RH 329

Page 1 of 1

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-FOROTNG 73(3)A-2

40 Scale

Color Plot & Dips | Ore Classes & Aver.

Objective:

Sampled:

Logged By: DJB Date: June 26, 1973

Composites:

Block: | Sect.: | Place: | App. Bear: | App.: Dip.: | Length:

Discard: Cgs 0-15 Reason: INTERSECTIONS TAKEN FROM RADIATION LOG

From	To	
15	22	Ss
22	33	Mudste with several sltste bds
33	36	Mudste
36	63	Coal #7 Seam
63	158	Mudste with interbds of sltste
158	165	Mudste
165	190	Coal #5 Seam
190	215	Mudste/sltste bds
215	230	Coal
230	279	Sltste with mudste interbds
279	343	Ss bds with thin mudste partings
343	359	Mudste
359	386	Coal #4 Seam
386	391	Mudste
391	406	Ss
		T. D. 406

Core Size

Hole No. RH 330

Page 1 of 1

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-Fording 73(3)A-2

Objective:

Sampled:

Logged By: DJB Date: June 28, 1973

Composites:

Block: Sect.: Place: App. Bear: App.: Dip.: Length:

Discard: Cgs 0-14

Reason: INTERSECTIONS TAKEN FROM RADIATION LOG

From	To	
14	78	Interbdd mudste & sltste, some samll Ss stringers
78	89	Mostly mudste, some sltste bands
89	105	Coal Seam #5
105	106	Mudste
106	109	Coal
109	110	Mudste
110	114	Coal
114	119	Mudste
119	121	Coal
121	122	Mudste
122	125	Coal
125	134	Mudste with some coal stringers
134	139	Coal
139	186	Interbdd coal, sltste & mudste
186	257	Mostly ss with some mudste & sltste
257	295	Mostly mudste with some sltste
295	323	Coal Seam #4
323	325	Mudste
325	331	Coal Seam #4
331	343	Sltste & mudste

T. D. = 343

Core Size

Hole No. RH 331

Page 1 of 1

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-FOLDING 73(3)A-2

Objective:			Sampled:		
Logged By: R.K.	Date: Dec. 6, 1973		Composites:		
Block:	Sect.:	Place: Clode Pit	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

Reason: Intersections taken from Driller's Report-No Radiation Log.

From	To	Discard:
0	4	Overburden
4	19	Mudstone
19	46	Coal, one foot mudstone band from 25' to 26' seam 7 27(26)'
46	88	Mudstone
88	104	Coal 16'
104	108	Mudstone 4' } seam 5 28(24)'
108	116	Coal 8'
116	117	Coal and shale
117	151	Mudstone
151	204	Sandstone
204	208	Coal 4'
208	293	Sandstone
293	341	Mudstone
341	380	Coal, 2' Mudstone band from 367 to 369' seam 4 39(37)'
380	385	Coal and shale
385	400	Mudstone

End of hole at 400'.

Nov. 2, 1973

Core Size

Hole No. RH 333

Page 1 of 1

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-FORDING 73(3)A-2

Objective:

Sampled: [redacted]

Logged By: R.K. Date: Dec. 6, 1973

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:
		Clode Pit			

Reason: Intersections taken from Drillers Report-No RAdiation log.

From	To	Discard:
0	31	Mudstone
31	59	Coal 28'(27) One foot mudstone band at 35'. seam 7
59	60	Coal and shale.
60	111	Mudstone.
111	137	Coal 26' seam 5
137	138	Coal and shale
138	140	Mudstone
140	142	Coal 2'.
142	185	Mudstone and siltstone.
185	187	Shale and coal
187	188	Mudstone
188	190	Coal and shale
190	244	Mudstone and siltstone
244	334	Siltstone and sandstone
334	366	Sandstone
366	384	Coal 18'
384	386	Mudstone 2'
386	390	Coal 4'
390	394	Coal and shale 4'
394	402	Coal 8'
402	416	Mudstone

End of hole at 416'
Nov. 12, 1973.

Core Size

Hole No. RH 334

Page 1 of 1

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-FORDING 73/3A-2

Objective:

Sampled:

Logged By: D. J. Brooks Date: August 29, 1973

Composites:

Block: Sect.: Place: App. Bear: App.: Dip.: Length:

From	To	Discard: Reason:
0	50	Casing
0	37.0	Overburden
37.0	63.0	Ss, salt and pepper, med. grain
63.0	64.6	Siltstone, light grey, several small, light ss bands
64.6	67.6	Mudstone, dary grey
67.6	76.6	Ss, salt and pepper, coarse grain, several very small vitrain bands
76.6	79.5	Mudstone, dark grey
79.5	80.0	Coal, durain
80.0	80.7	Coal, clarain
80.7	83.8	Mudstone, dark grey
83.8	88.3	Coal, duro-clarain
88.3	89.4	Mudstone, dark grey
89.4	90.0	Coal, durain
90.0	96.5	Mudstone, dark grey
96.5	96.6	Coal, durain
96.6	112.2	Mudstone, dark grey, occasional small ss bands
112.2	112.4	Coal, clarain
112.4	124.5	Interbedded siltstone and mudstone
124.5	137.5	Mudstone, dark grey
137.5	142.0	Ss, light grey, very fine grain
142.0	181.2	Siltstone dark grey, some ss bands
181.2	189.0	Ss, alternating light and dark grey bands, med. grain
189.0	189.3	Mudstone, black carbonaceous

Core Size H.Q.

Hole No. DDH - 332

Page 1 of 3

40 Scale

Color Plot & Dips		Ore Classes & Aver.
0		
32.0	37.0	- 2.4
37.0	47.0	- 6.0
47.0	57.0	0.0
57.0	64.0	0.0
64.0	67.0	-0.4
67.0	73.5	-0.5
73.5	77.0	0.0
77.0	80.3	-0.5
80.3	83.4	-0.4
83.4	87.0	-0.3
87.0	97.0	-0.6
97.0	107.0	-1.0
107.0	115.0	0.0
115.0	120.0	0.0
120.0	127.0	0.0
127.0	137.0	0.0
137.0	147.0	0.0
147.0	156.0	0.0
156.0	166.0	0.0
166.0	176.3	-4.5

Radiation Log Intersections

2507-N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

Discard: Reason:

Radiation Log Intersections

From	To	
189.3	189.4	Coal, durain
189.4	192.0	Mudstone, dark grey
192.0	235.7	Interbedded dark grey mudstone and light grey, fine grain ss.
235.7	240.1	Mudstone, dark grey
240.1	240.3	Coal, clarain
240.3	243.1	Mudstone, black, carbonaceous, occasional small vitrain bands
243.1	248.3	Mudstone, dark grey
248.3	248.5	Coal, durain
248.5	248.6	Mudstone,dark grey
248.6	248.7	Coal, clarain
248.7	249.0	Mudstone, dark grey
249.0	249.3	Coal, clarain
249.3	249.9	Mudstone, dark grey
249.9	250.0	Coal, durain
250.0	257.9	Mudstone, dark grey, several small coal stringers
257.9	259.3	Coal, duroclarain
259.3	259.5	Mudstone, dark grey
259.5	260.5	Coal, durain
260.5	262.7	Mudstone, dark grey
262.7	264.3	Coal, durain
264.3	271.3	Mudstone, dark grey, small vitrain laminations
271.3	271.4	Coal, clarain
271.4	281.4	Mudstone, occasional small vitrain bands (<1/5')

Core Size

Hole No. DDH -332

Page 2 of 3

40 Scale

Color Plot & Dips		Ore Classes & Aver.
176.3	186.6	+ 3.4
186.6	192.0	0.0
192.0	197.0	0.0
197.0	207.0	-0.8
207.0	217.0	0.0
217.0	227.0	0.0
237.0	241.6	+ 1.7
241.6	247.0	-2.0
247.0	257.0	-0.7
257.0	262.7	-0.4
262.7	266.5	-1.9
266.5	269.0	-0.6
269.0	277.0	-0.7

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:	Radiation Log Intersections		
281.4	283.7	Ss,light grey, very fine grain	277.0	287.0	-0.5
283.7	298.0	Interbedded dark grey mudstone and light, fine grain ss	287.0	297.0	0.0
298.0	302.6	Mudstone, dark grey	297.0	301.0	-0.8
302.6	315.6	Coal	301.	309.0	0.0
302.6	303.0	Duroclarain			
303.0	304.2	Durain			
304.2	304.3	Mudstone, dark grey			
304.3	306.1	Coal, durain			
306.1	308.4	Duroclarain			
308.4	308.8	Durain			
308.8	309.5	Mudstone, dark grey			
309.5	312.0	Duroclarain	309.0	315.6	0.0
312.0	312.1	Mudstone	315.6	326.0	-0.6
312.1	313.3	Durain			
313.3	314.4	Mudstone,dark grey			
314.4	315.0	Coal, durain			
315.0	315.1	Mudstone, black			
315.1	315.4	Durain			
315.4	315.5	Mudstone, black	326.0	336.0	-0.7
315.5	315.6	Durain	336.0	346.0	-0.7
315.6	326.0	Mudstone,dark grey	346.0	357.0	0.0
326.0	357.0	Interbedded dark grey mudstone and light grey, fine grain ss			
		T.D. = 357			

Core Size

Hole No. DDH - 332

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

2507—N.D.N.

Diamond Drill Geological Log

K- Forcink 73(3)A-2

Objective:

Sampled:

Logged By: McKenny and Brooks Date: Jun 28 to July 6/73

Composites:

Block: | Sect.: | Place: | App. Bear: | App.: Dip.: | Length:

From	To	Discard: Reason:
0.0	47.0	Casing
47.0	54.4	Siltstone medium grey with thin mudstone and very fine grain Sandstone interbeds.
54.4	58.0	Mudstone medium grey with a coal band from 57.8 to 58.0
58.0	89.4	Coal SEAM - F
58.0	61.0	Durain
61.0	64.8	Clarodurain
64.8	65.5	Mudstone dark grey with thin coal bands
65.5	72.5	Clarodurain
72.5	73.4	Duroclarain, sooty between 67.7 and 68.3
73.4	74.5	Durain with some vitrain bands
74.5	77.8	Duroclarain
77.8	79.1	Mudstone medium grey with a durain band at 78.6 to 78.8
79.1	79.9	Durain with a mudstone band between 79.7 and 79.9
79.9	82.0	Clarain
82.0	83.3	Durain with a mudstone band between 82.5 and 83.0
83.3	83.5	Mudstone medium grey
83.5	87.5	Duroclarain with a 0.1 mudstone band at 87.0
87.5	88.0	Mudstone with some coal bands
88.0	89.4	Durain with some vitrain bands.
89.4	90.8	Mudstone medium grey
90.8	91.4	COAL clarodurain

Core Size: HQ Core

Hole No. 700 Page 1

40 Scale

Color Plot & Dips		Ore Classes & Aver.
47.0	52.0	Correct
52.0	55.5	0.5 ov
55.5	58.0	correct
58.0	65.0	3.0' sh
65.0	67.7	0.1 sh
67.7	74.5	0.8 sh
74.5	78.0	0.1 sh
78.0	83.0	correct
83.0	88.0	0.2 ov
88.0	93.6	correct

2507—N.D.N.

Diamond Drill Geological Log

Objective:

Sampled:

Logged By: CMcK and DJB Date: June 28/73

Composites:

Block: | Sect.: | Place: | App. Bear: | App.: Dip.: | Length:

From	To	Discard: Reason:
91.4	93.6	Mudstone dark grey with coal stringers between 92.9 and 93.6
93.6	97.6	COAL clarodurain with some vitrain bands
97.6	110.4	Mudstone medium grey with siltstone interbeds.
110.4	110.6	COAL durain
110.6	116.6	Mudstone medium grey with coal stringers between 116.3 and 116.6
116.6	117.0	COAL durain
117.0	118.4	Mudstone medium grey
118.4	121.4	COAL durain with some vitrain bands and 0.05' mudstone bands at 119.3 and 119.7
121.4	129.0	Mudstone medium grey
129.0	145.8	Siltstone medium grey with very fine grain sandstone interbeds between 118.4 and 121.4
145.8	148.9	Mudstone medium grey
148.9	149.5	Siltstone medium grey
149.5	158.0	Mudstone medium grey
158.0	161.6	COAL durain with some vitrain bands and a 0.1' mudstone band at 160.7
161.6	175.6	Mudstone dark grey with a 0.1 coal band at 162.3
175.6	189.0	Siltstone medium grey
189.0	198.0	Mudstone medium grey
198.0	204.0	Siltstone, med. grey, some v.fn. grain ss interbeds
204.0	218.0	Mudstone ,med. grey
218.0	230.0	Siltstone, med. grey, some v.fn. grain ss interbeds
230.0	242.0	Siltstone, med. grey
242.0	248.0	Ss. v. fn. grain, light grey, some siltstone interbeds
248.0	250.0	Siltstone, med. grey

Core Size HQ Core

Hole No. 700 Page 2

40 Scale

Color Plot & Dips		Ore Classes & Aver.
93.6	97.6	correct
97.6	108.0	2.6 sh
108.0	117.0	0.1 sh
117.0	124.0	0.1 ov
124.0	132.0	0.2 sh
132.0	138.0	0.5 ov
138.0	147.0	0.4 ov
147.0	157.0	0.1 ov
157.0	162.0	0.5 sh
162.0	169.0	0.4 ov
169.0	178.0	0.6 ov
178.0	188.0	0.5 ov
188.0	192.0	0.6 ov
192.0	198.0	0.4 ov
198.0	208.0	0.8 ov
208.0	218.0	4.7 sh
218.0	228.0	correct
228.0	238.0	0.1 sh
238.0	248.0	0.1 ov

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: CMcK and DJB Date: July 3, 1973

Composites:

Block: | Sect.: | Place: | App. Bear: | App.: Dip.: | Length:

From	To	Discard: Reason:
250.0	272.0	Mudstone, med. grey
272.0	276.2	Ss, v.fn. grain, light grey, siltstone interbeds
276.2	284.0	Ss, f. to med. grained, light grey, speckled
284.0	288.5	Mudstone, med. grey
288.5	291.0	Siltstone, med. grey
291.0	311.8	Mudstone, med. grey
311.8	313.0	Siltstone, med. grey
313.0	349.0	Mudstone, med. grey, some siltstone and fine ss interbeds.
349.0	377.0	Coal SEAM - E
349.0	359.0	Coal
359.0	360.5	Mudstone, dark gey
360.5	367.8	Coal
367.8	368.6	Mudstone, black
368.6	371.8	Coal
371.8	374.3	Mudstone, med. grey, with several coal stringers about 1" thick
374.3	377.0	Coal
377.0		
377.0	385.7	Mudstone, dark grey
385.7	399.1	Coal
399.1	406.0	Mudsstone, dark grey, some vitrain laminations
406.0	413.7	Mudstone, med. grey, some siltstone interbeds
413.7	435.1	Ss, v.fn. grained, some siltstone interbeds

Core Size HQ

Hole No. DDH- 700 Page 3

40 Scale

Color Plot & Dips		Ore Classes & Aver.
248.0	258.0	0.2 sh
258.0	267.0	1.1 ov
267.0	276.0	1.0 ov
276.0	284.0	1.0 sh
284.0	288.0	1.4 ov
288.0	298.0	2.0 sh
298.0	304.0	0.2 sh
~~304.0~~	312.0	0.8 ~~ov~~
312.0	322.0	0.1 sh
322.0	328.0	0.4 ov
328.0	334.0	correct
334.0	342.0	0.2 ov
342.0	349.0	0.1ov
349.0	354.0	0.1 ov
354.0	359.0	0.4 ov
359.0	360.5	0.7 sh
360.5	367.8	0.1 sh
~~367.8~~	371.8	0.2 ~~sh~~
371.8	378.0	0.1 sh
378.0	382.5	0.1 sh
382.5	388.0	correct
388.0	395.6	correct
395.6	403.0	0.5 ov
403.0	412.0	0.5 sh

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: C.McK & DJB Date: July 3/73

Composites:

Block: | Sect.: | Place: | App. Bear: | App.: Dip.: | Length:

From	To	Discard:	Reason:
435.1	435.8	Mudstone, med. grey	
435.8	438.0	SS, med. to fn. grained, med. grey	
438.0	443.2	Mudstone, med. grey	
443.2	448.0	Ss, med. to fn. grained, light grey	
448.0	454.6	Mudstone, med. grey	
454.6	485.9	Coal Seam D	
485.9	490.0	Mudstone, some vitrain laminations	
490.0	505.5	Mudstone, dark grey, some siltstone and v. fn. grained ss interbeds	
505.5	513.2	Mudstone, med. grey, small displacement, high angle fault at 512, 512-514 breciated	
513.2	515.6	Ss, fine to med. grained, med. grey	
515.6	523.0	Mudstone, medium grey, some carbonaceous bands	
523.0	523.5	Coal	
523.5	532.0	Mudstone - med. grey, some carbonaceous bands	
532.0	536.0	Siltstone, light grey	
536.0	538.0	Mudstone, med. grey, some carbonaceous bands	
538.0	541.2	Coal Clar-durain Seam DL (5380 - 554.5)	
541.2	543.3	Mudstone, med. grey, some vitrain bands	
543.3	546.0	SS, fine to med. grained, med. grey	
546.0	546.5	Mudstone, dark grey, carbonaceous	
546.5	554.5	Coal, durain with some vitrain bands	
554.5	555.0	Mudstone, dark grey	
555.0	555.3	Coal, very dull	

Core Size H.Q.

Hole No. DDH 700 Page 4/6

40 Scale

Color Plot & Dips		Ore Classes & Aver.
412.0	418.0	0.3 short
418.0	428.0	correct
428.0	434.0	0.2 short
434.0	442.0	0.1 short
442.0	448.0	0.8 over
448.0	452.0	0.8 short
~~452.0~~	457.6	0.1 ~~over~~
457.6	462.4	correct
462.4	468.0	correct
468.0	473.0	correct
473.0	478.0	0.6 over
478.0	482.6	0.9 short
482.6	488.0	0.6 over
488.0	490.0	1.3 short
490.0	498.0	0.1 short
498.0	508.0	0.5 over
508.0	512.0	correct
512.0	518.0	0.2 over
518.0	523.5	0.8 over
523.5	529.5	0.1 short
529.5	538.0	correct
538.0	548.0	correct
548.0	555.0	0.2 short

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: CM & DJB Date: July 4/73

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

Discard: Reason:

From	To	
555.3	558.1	Mudstone, dark grey
558.1	559.0	Coal
559.0	562.0	Mudstone, black, carbonaceous
562.0	563.9	Mudstone, light to med. grey
563.9	567.0	Siltstone, med to light grey
567.0	589.0	Ss & mdustone interbeds

Core Size HQ

Hole No. DDH 700 Page 5/6

40 Scale

Color Plot & Dips		Ore Classes & Aver.
555.0	562.0	0.1 over
562.0	567.0	0.7 over
567.0	572.0	012short
572.0	578.0	correct
578.0	587.0	0.3 short
587.0	596.0	0.4 over

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:		Sampled:				
Logged By: McKenny	Date: July 6/73	Composites:				
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:	

From	To	Discard: Reason:
589.0	596.0	Mudstone medium grey with thin siltstone interbeds.
596.0	645.5	Sandstone medium grain light grey with thin siltstone interbeds between 607.2 and 608.4
645.5	648.0	Sandstone medium grain dark grey with carbonaceous specks.
648.0	648.3	Mudstone, black carbonaceous
648.3	664.0	Coal B seam
648.3	651.0	Durain with 0.1' Mudstone bands at 649.9', 650.5', 651.0 and 651.8 (high ash)
651.0	651.8	Mudstone black coaly (poor recovery)
651.8	654.4	Durain with 0.05' Mudstone bands at 652.8 and 653.5
654.4	657.0	Clarodurain (poor recovery)
657.0	660.0	Durain with thin mudstone interbeds
660.0	664.0	Clarodurain with thin mudstone bands between 663.3 and 663.7
664.0	664.6	Mudstone dark grey carbonaceous
664.6	677.1	Mudstone medium to dark grey
677.1	688.0	Siltstone medium grey with mudstone interbeds
	688.0	Bottom of hole

Core Size H.Q.

Hole No. 700 Page 6/6

40 Scale

Color Plot & Dips		Ore Classes & Aver.
596.0	604.0	correct
604.0	608.3	correct
608.3	618.0	0.5 short
618.0	625.5	0.5 over
625.5	635.5	correct
635.5	644.5	0.5 short
644.5	648.0	correct
648.0	651.0	correct
651.0	653.0	0.8 short
653.0	657.0	1.7 short
657.0	660.0	1.0 short
660.0	664.0	2.0 short
664.0	664.6	correct
664.6	669.0	0.6 short
669.0	676.0	0.2 short
676.0	681.5	0.2 short
681.5	688.0	1.0 over

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-Fording 73(3)A-2

[redacted]

Objective:		Sampled:			
Logged By: McKenny	Date: July 9-12/73	Composites:			
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:
0.0	11.0	Casing
11.0	14.0	Siltstone medium grey
14.0	22.0	Mudstone medium grey
22.0	27.6	Sandstone very fine grain light grey with sitstone interbeds
27.6	36.0	Sitstone medium grey with some thin very fine grain sandstone interbeds
36.0	47.3	Mudstone medium grey with thin sitstone interbeds
47.3	65.5	Coal Seam I
47.3	48.6	Clarodurain with 0.05' mudstone bands at 48.0 and 48.2
48.6	49.9	Durain
49.9	59.5	Droclarain
59.5	61.0	Clarodurain with the mudstone bands
61.0	62.0	mudstone and durain (poor recovery)
62.0	63.0	Durain (poor recovery)
63.0	65.5	Durain with some thin vitrain bands and 0.1' mudstone bands at 63.2, 63.8, 64.1 and 65.0
65.5	69.0	Mudstone black carbonaceous with a coal band between 67.7 and 67.9 and coal stringers between 68.8 and 69.4
69.0	72.4	Mudstone dark grey
72.4	77.2	Sandstone very fine grain light grey, cross bedded with thin siltstone interbeds
77.2	81.4	Mudstone medium to dark grey with a 0.1' coal band at 80.7'
81.4	82.4	Coal duroclarain
82.4	88.0	Sandstone very fine grain light grey with mudstone interbeds

Core Size

Hole No. DDH 701

Page 1 of6

40 Scale

Color Plot & Dips		Ore Classes & Aver.
11.0	18.0	correct
18.0	28.0	correct
28.0	30.0	correct
30.0	40.0	correct
40.0	48.0	correct
48.0	58.0	0.4 short
58.0	61.0	1.3 short
61.0	62.0	0.6 short
62.0	63.0	0.6 short
63.0	68.0	correct
68.0	69.5	correct
69.5	70	correct
70.0	78.0	0.5 short
78.0	88.0	0.1 over

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block: Sect.: Place: App. Bear: App.: Dip.: Length:

Discard: Reason:

From	To	
88.0	103.0	Mudstone medium to dark grey
103.0	103.7	Mudstone black carbonaceous
103.7	107.6	Sandstone very fine grain medium to light grey with mudstone interbeds
107.6	116.0	Mudstone medium to dark grey with some coal stringers
116.0	119.4	Sandstone fine to medium grain light grey
119.4	123.0	Mudstone dark grey
123.0	138.0	Sandstone very fi-ne to medium grain light grey with some black carbonaceous mudstone interbeds
138.0	138.3	Mudstone dark grey with coal stringers
138.3	148.0	Sandstone very fine grain light grey with medium to dark grey Mudstone interbeds.
148.0	151.0	Siltstone light grey with mudstone interbeds
151.0	171.1	Sandstone very fine grain with mudstone interbeds
171.1	175.0	Mudstone dark grey with very fine grain Sandstone laminations
175.0	193.0	Siltstone medium grey with thin very fine grain sandstone interbeds.
193.0	209.2	Siltstone medium grey
209.2	223.2	Sandstone very fine grain light grey with siltstone interbeds
223.2	229.8	Mudstone dark grey
229.8	230.6	Mudstone black carbonaceous
230.4	247.4	Coal
230.4	234.8	Clarodurain
234.8	236.1	Durain with a mudstone band between (235.4 - 235.6)
236.1	238.5	Duroclarain
238.5	241.1	Clarodurain

Core Size

Hole No. 701

40 Scale

Color Plot & Dips		Ore Classes & Aver.
88.0	98.0	0.5' short
98.0	103.0	0.2 short
103.0	108.0	0.5 over
108.0	116.0	correct
116.0	126.0	0.4 over
126.0	132.0	0.2 short
132.0	138.0	0.3 over
138.0	148.0	0.3 over
148.0	158.0	0.2 over
158.0	168.0	correct
168.0	178.0	0.9 short
178.0	188.0	0.3 over
188.0	198.0	0.5 short
198.0	208.0	0.4 over
208.0	214.0	0.3 over
214.0	230.0	0.8 over
230.0	231.9	0.2 over
231.9	235.8	0.2 short
235.8	244.0	0.3 over

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

Discard: Reason:

From	To	
241.1	242.5	Duroclarain
242.5	243.4	Durain
243.4	247.4	Clarodurain
247.4	257.5	Sandstone very fine grain light grey with siltstone interbeds
257.5	274.1	Mudstone medium grey with a coal band between 265.6 - 265.9
274.1	277.2	Coal duroclarain
277.2	280.2	Sandstone very fine grain light grey with mudstone interbeds
280.2	298.0	Mudstone medium to dark grey with occasional coal stringers and a coal band from 295.4 to 296.3
298.0	308.3	Siltstone medium grey with mudstone
308.3	316.5	Mudstone medium grey
316.5	317.6	Coal several mudstone bands
317.6	320.4	Mudstone medium grey
320.4	322.3	Siltstone medium grey
322.3	324.5	Mudstone dark grey with many coal stringers
324.5	327.5	Mudstone medium grey
327.5	333.3	Siltstone medium grey with very fine grain sandstone and mudstone interbeds
333.3	334.0	Mudstone dark grey with coal stringers
334.0	339.5	Mudstone medium grey
339.5	348.0	Siltstone medium grey
348.0	361.5	Mudstone medium grey with some siltstone interbeds
361.5	371.0	Mudstone medium grey
371.0	376.0	Siltstone medium grey with Mudstone interbeds

Core Size

Hole No. 701

Page 3 of 6

40 Scale

Color Plot & Dips		Ore Classes & Aver.
244.0	254.0	0.6 over
254.0	258.0	0.2 short
258.0	266.0	0.1 over
266.0	272.0	correct
272.0	274.0	0.3 short
274.0	277.2	correct
277.2	287.2	0.1 short
287.2	297.0	0.5 short
297.0	307.0	0.6 over
307.0	317.0	0.2 short
317.0	324.0	04. short
324.0	334.0	0.5 over
334.0	344	1.0 over
344.0	354.0	0.7 over
354.0	364.0	1.5 over
364.0	374.0	0.3 over
374.0	377.8	correct

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

Discard: Reason:

From	To	
376.0	378.6	Mudstone dark grey
378.6	382.0	Coal Clarodurain
382.0	386.0	Mudstone with a coal band (384.6 to 384.8)
386.0	394.8	Coal Seam — G
386.0	390.0	Clarodurain
390.0	394.8	Duroclarain
394.8	395.0	Mudstone with interbedded pryrite
395.0	398.2	Mudstone medium to dark grey
398.2	400.1	Coal Durain
400.1	404.0	Mudstone dark grey with coal bands between (400.6 to 400.8) and (401.7 to 402.0)
404.0	405.0	Coal high ash Mudstone band between (404.3 to 404.5)
405.0	414.3	Mudstone dark grey
414.3	430.0	Mudstone dark grey with occasional coal stringers and a near vertical fault at 415.0
430.0	436.0	Siltstone medium grey
436.0	445.0	Sandstone very fine grain light grey with mudstone interbeds
445.0	455.0	Mudstone medium grey
455.0	458.1	Mudstone dark grey with a 0.1 coal band at 455.5
458.1	461.6	Coal clarodurain with a 0.1' Mudstone
461.6	464.2	Mudstone medium grey
464.2	468.0	Sandstone very fine grain light grey was bedded
468.0	479.0	Mudstone medium grey

Core Size

Hole No. 701

40 Scale

Color Plot & Dips		Ore Classes & Aver.
377.8	382.0	correct
382.0	383.0	correct
383.0	384.8	0.5 short
384.8	388.0	2.0 short
388.0	389.0	correct
389.0	392.0	0.4 short
392.0	395.5	2.2 short
395.5	398.0	correct
398.0	402.0	correct
402.0	406.0	1.0 over
406.0	409.0	1.0 short
409.0	412.0	0.6 short
412.0	417.0	0.5 short
417.0	420.0	0.4 short
420.0	425.0	0.3 short
425.0	430.0	0.2 short
430.0	431.0	0.3 over
431.0	435.0	0.6 over
435.0	442.0	0.1 short
442.0	447.0	0.2 over
447.0	451.0	correct

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

Reason:

From	To	Discard:
479.0	481.0	Siltstone medium grey
481.0	498.0	Mudstone medium to dark grey
498.0	500.0	Siltstone medium grey
500.0	503.5	Sandstone fine grain light grey
503.5	531.1	Sandstone medium to coarse grain speckled light grey massive to crossbedded
531.1	537.5	Siltstone medium grey with very fine grain sandstone interbeds
537.5	542.5	Sandstone fine grain light grey massive
542.5	546.4	Siltstone medium grey
546.4	557.5	Mudstone dark grey with coal stringer between (547.5 -548.0).
557.5	568.0	Siltstone medium grey
568.0	573.5	Mudstone medium grey
573.5	574.5	Siltstone medium grey
574.5	588.2	Mudstone medium grey
588.2	592.0	Sandstone very fine grain light grey with Mudstone interbeds
592.0	597.0	Mudstone medium grey
597.0	599.2	Mudstone medium grey with thin very fine grain Sandstone interbeds
599.2	610.5	Mudstone medium to dark grey
610.5	625.4	Mudstone dark grey
625.4	653.3	Coal Seam F
625.4	628.0	Clarodurain
628.0	631.7	Duroclarain
631.7	632.7	Durain

Core Size

Hole No. 701

Page 5 of 6

40 Scale

Color Plot & Dips		Ore Classes & Aver.
451.0	454.0	0.4 over
454.0	456.0	0.1 over
456.0	458.0	0.8 short
458.0	461.0	0.5 over
461.0	470.0	0.2 over
470.0	474.5	correct
474.0	480.0	0.2 short
480.0	484.0	0.8 over
484.0	489.0	0.2 over
489.0	492.0	0.5 short
492.0	496.0	correct
496.0	500.0	0.5 over
500.0	507.0	0.4 short
507.0	512.0	0.2 over
512.0	518.0	0.2 over
518.0	528.0	0.4 short
528.0	538.0	0.4 short
538.0	548.0	0.2 over
548.0	557.0	0.1 over
557.0	563.0	0.7 over
563.0	571.0	0.6 over
571.0	578.0	0.5 over
578.0	583.0	0.3 over
583.0	588.5	0.8 over
588.5	598.0	0.8 over
598.0	608.0	0.7 short
608.0	613.0	0.2 short

2507—N.D.N.

Diamond Drill Geological Log

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard:	Reason:
632.7	633.0	Clarain	
633.0	635.9	Durain	
635.9	637.3	Clarain	
637.3	641.0	Mudstone medium grey	
641.0	642.3	Durain	
642.3	647.0	Clarodurain	
647.0	652.8	Durain	
652.8	653.1	Mudstone medium grey	
653.1	653.3	Clarain	
653.3	688.0	Mudstone medium grey	
	688.0	Total Depth	

Core Size

Hole No. 701

Page 6 of 6

40 Scale

Color Plot & Dips		Ore Classes & Aver.
613.0	620.0	0.5 short
620.0	623.0	1.0 over
623.0	624.0	correct
624.0	628.0	0.2 short
628.0	632.7	0.6 short
632.7	637.3	0.8 short
637.3	638.0	0.7 short
638.0	640.0	1.8 short
~~640.0~~	641.0	0.2 ~~short~~
641.0	647.0	0.5 short
647.0	651.0	0.6 short
651.0	653.0	0.2 over
653.0	660.0	0.3 short
660.0	668.0	1.2 short
668.0	678.0	1.2 over
678.0	688.0	.4 over

2507—N.D.N.

Diamond Drill Geological Log

K- FORDING 73(3)A-2

Cominco

315

Objective:

Sampled:

Logged By: MCKenny Date:

Composites:

Block: Sect.: Place: App. Bear: App.: Dip.: Length:

From	To	Discard: Reason:
0.0	12.0	Casing
12.0	20.0	Mudstone medium grey
20.0	29.6	Sandstone very fine grain light grey cross bedded
29.6	33.0	Mudstone black carbonaceous, contains some coal stringers (evidence of loss of core from 29.6 to 31.8)
33.0	41.0	Mudstone dark grey
41.0	45.0	Siltstone medium grey with mudstone interbeds
45.0	54.3	Mudstone medium to dark grey
54.3	55.5	Siltstone medium grey
55.5	76.0	Mudstone medium grey
76.0	78.0	Siltstone medium grey
78.0	109.7	Mudstone medium grey
109.7	113.5	Sandstone very fine grain light grey with siltstone interbeds
113.5	119.0	Siltstone medium grey with very fine grain sandstone interbeds
119.0	128.0	Mudstone medium grey
128.0	131.0	Sandstone very fine grain light grey
131.0	144.0	Mudstone medium grey
144.0	144.2	Mudstone black carbonaceous
144.2	144.4	Coal clarodurain
144.4	145.4	Mudstone black carbonaceous
145.4		COAL
145.4	148.2	Clarodurain with a 0.15' Mudstone band at 145.8

Core Size

Hole No. DDH 702

Page 1/7

40 Scale

Color Plot & Dips		Ore Classes & Aver.
12.0	20.0	0.1 short
20.0	28.0	0.4 "
28.0	32.0	1.2 "
32.0	43.0	1.4 "
43.0	50.0	0.2 over
50.0	64.3	0.7 "
(two tags without footages)		
64.3	68.0	0.4 short
68.0	75.0	0.4 over
75.0	80.0	0.4 short
80.0	85.0	correct
85.0	88.0	0.3 over
88.0	98.0	correct
98.0	108.0	4.5 short
~~108.0~~	118.0	4.1 ~~over~~
118.0	128.0	0.3 short
128.0	138.0	correct
138.0	145	correct
145.0	148.0	correct

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:
148.2	148.9	Durain
148.9	149.1	Mudstone medium grey
149.1	150.3	Clarodurain
150.3	151.1	Mudstone medium grey
151.1	152.0	Clarodurain
152.0	155.8	Durain with occasional vitrain band
155.8	157.8	Duroclarain
157.8	158.5	Durain
158.5	160.2	Duroclarain
160.2	164.4	Durain
164.4	166.3	Mudstone medium grey with very fine grain. Sandstone interbeds & a 0.2' Coal band between (166.6 & 166.8)
166.3	166.5	Clarodurain
166.5	167.7	Durain with high ash
167.7	170.1	Clarodurain
170.1	178.2	Mudstone medium grey
178.2	182.0	COAL clarodurain
182.0	182.6	COAL durain high ash
182.6	184.3	Mudstone medium grey
184.3	185.6	COAL durain with some vitrain bands
185.6	191.0	Mudstone dark grey
191.0	193.0	Mudstone dark grey with many slicken slide surfaces

Core Size

Hole No. DDH 702

Page 2/7

40 Scale

Color Plot & Dips		Ore Classes & Aver.
152.0	157.0	correct
~~157.0~~	163.0	correct
163.0	164.4	correct
164.4	174.0	0.4 over
174.0	178.9	correct
178.9	182.5	correct
182.6	186.6	0.2 short
186.6	190.0	1.7 short
190.0	191.0	0.2 short
191.0	193.0	0.1 over

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:
193.0	201.0	Mudstone medium grey
201.0	212.0	Sandstone very fine grain light grey with Mudstone interbeds
212.0	217.3	Sandstone very fine grain light grey with siltstone interbeds
217.3	22009	Siltstone medium grey
220.9	224.0	Sandstone very fine grain light grey
224.0	229.5	Mudstone medium grey carbonaceous in parts
229.5	230.6	Sandstone very fine grain light grey
230.6	246.0	Mudstone medium grey with thin very fine grain sandstone interbeds
246.0	250.8	COAL durain
250.8	256.8	Sandstone very fine grain light grey with mudstone interbeds
256.8	264.1	Mudstone medium grey
264.1	280.1	COAL=
264.1	265.1	Duroclarain
265.1	265.7	Durain
265.7	266.0	Mudstone black
266.0	268.0	Clarain
268.0	270.2	Duroclarain
270.2	272.8	Clarodurain
272.8	273.0	Mudstone medium grey
273.0	275.4	Clarodurain
275.4	276.1	Mudstone medium grey
276.1	278.5	Durain with occasional thin vitrain bands
278.5	279.6	Mudstone medium grey

Core Size

Hole No. DDH 702

Page 3/7

40 Scale

Color Plot & Dips		Ore Classes & Aver.
193.0	197.0	0.4 short
197.0	205.0	1.0 short
205.0	208.0	correct
208.0	211.0	1.7 short
211.0	217.0	0.3 over
217.0	224.0	1.0 over
~~224.0~~	229.6	1.2 ~~short~~
229.6	235.6	0.6 short
235.6	240.6	2.0 short
240.6	246.0	0.4 over
246.0	250.8	0.5 over
250.8	261.0	correct
261.0	268.0	1.2 short
268.0	274.7	0.1 short
274.7	278.0	0.3 short
278.0	288.0	0.3 over

2507—N.D.N.

Diamond Drill Geological Log

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

Reason:

From	To	Discard:
279.6	280.1	Clarain
280.1	293.0	Mudstone medium to dark grey with come coal stringers
293.0	294.0	Siltstone medium grey
294.0	299.0	Mudstone medium grey with a 0.1' coal band at 298.0
299.0	303.0	Siltstone medium grey
303.0	308.2	Mudstone medium grey with a coal band between 304.0 and 304.2
308.2	309.5	Siltstone medium grey with mudstone interbeds.
309.5	311.3	Mudstone medium grey
311.3	314.4	Sitlstone medium grey
314.4	325.6	Mudstone medium grey
325.6	326.1	Mudstone dark grey with coal stringers.
326.1		Coal
326.1	326.8	Durain with some thin vitrain bands
326,8	326.9	Mudstone dark grey
326.9	327.4	Duroclarain
327.4	328.3	Mudstone black carbonaceous
328.3	329.4	Duroclarain
329.4	330.2	Mudstone medium grey
330.2	330.4	Duroclarain
330.4	331.3	Mudstone medium grey
331.3	332.4	Duroclarain
332.4	332.6	Mudstone medium grey

Core Size

Hole No. DDH 702

40 Scale

Color Plot & Dips	Ore Classes & Aver.
0	

288.0	298.0	0.3' over
298.0	304.2	0.4 over
304.2	310.0	correct
310.0	318.0	1.2 over
318.0	322.0	correct
322.0	327.2	0.6 over
327.2	332.0	0.5 short
332.0	338.0	0.5 short

2507—N.D.N.

Diamond Drill Geological Log

Comaco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

Discard: Reason:

From	To	
332.6	332.9	Clarodurain
332.9	340.5	Siltstone medium grey with thin very fine grain Sandstone interbeds
340.5	345.0	Mudstone medium grey
345.0	347.5	Siltstone medium grey
347.5	351.0	Mudstone dark grey
351.0	360.0	Mudstone medium grey
360.0	365.2	Sandstone very fine grain light grey with siltstone interbeds
365.2	365.8	Coal Duroclarain
365.8	369.0	Mudstone medium grey
369.0	373.0	Sandstone very fine grain light grey cross bedded.
373.0	375.9	Siltstone medium grey fault brecciateded
375.9	383.5	Sandstone very fine grain medium grey
383.5	386.5	Mudstone medium grey
386.5	393.0	Sandstone fine grain light grey cross bedded.
393.0	400.0	Sandstone fine to medium grain light grey speckled massive
400.0	411.0	Sandstone fine to medium grain light grey cross bedded with some Mudstone liths
411.0	412.5	Mudstone medium grey
412.5	452.3	Sandstone fine to medium grey cross bedded speckled light grey
452.3	460.2	Mudstone
460.2	462.0	Sandstone medium grain speckled light grey
462.0	469.7	Mudstone medium grey
469.7	470.2	Siltstone medium grey
470.2	481.5	Mudstone medium grey with coal stringer between (472.0 and 472.7)

Core Size

Hole No. DDH 702

40 Scale

Color Plot & Dips		Ore Classes & Aver.
338.0	345.0	0.2 over
345.0	350.0	0.8 over
350.0	354.0	0.5 over
354.0	360.0	0.2 short
360.0	364.0	correct
364.0	369.0	0.1 over
369.0	375.0	0.5 over
375.0	380.0	0.5 over
380.0	388.0	1.0 short
388.0	393.6	0.4 over
393.6	402.0	0.7 short
402.0	406.0	0.7 over
406.0	412.5	0.9 over
412.5	417.2	0.6 over
417.2	424.3	0.8 over
424.3	430.8	correct
430.8	434.5	correct
434.5	441.0	0.1over
441.0	447.3	correct
447.3	453.0	0.2 short

Diamond Drill Geological Log

Comaco

Objective:

Sampled:

Logged By: Date:

Composites:

Block: Sect.: Place: App. Bear: App.: Dip.: Length:

Discard: Reason:

From	To	
481.5	483.0	Siltstone medium grey
483.0	531.0	Mudstone medium grey
531.0	537.0	Mudstone dark grey with occasional coal stringers
537.0	544.7	Mudstone medium grey
544.7	551.0	Siltstone medium grey with Mudstone interbeds
551.0	561.0	Mudstone medium grey
561.0	573.9	Sandstone very fine grain light grey with Mudstone interbeds
573.9	576.0	Mudstone medium grey
576.0	576.8	Siltstone medium grey
576.8	598.0	Mudstone medium grey with some Siltstone interbeds
598.0	618.2	Coal
598.0	600.7	Durain
600.7	601.2	Mudstone medium grey
601.2	602.7	Durain
602.7	604.4	Mudstone medium grey (0.4' loss attributed to interbed 603.0 to 604.1)
604.4	606.7	Durain with 0.05' Mudstone bands 605.8' and 606.4'
606.7	608.0	Clarodurain
608.0	608.7	Duroclarain
608.7	608.9	Mudstone black carbonaceous with some coal stringers
608.9	613.3	Clarodurain with 0.1' Mudstone bands at 611.3 and 612.9
613.3	615.0	Mudstone medium to dark grey with some coal stringers
615.0	615.8	Duroclarain

Core Size

Hole No.

40 Scale

Color Plot & Dips		Ore Classes & Aver.
453.0	458.0	correct
458.0	562.0	0.6 short
462.0	464.0	correct
464.0	469.0	correct
469.0	478.0	correct
478.0	483.0	012 short
483.0	488.0	0.4 short
488.0	489.0	04. short
489.0	491.6	0.1 short
491.6	494.0	correct
494.0	495.0	correct
495.0	498.0	0.5 short
498.0	507.0	0.3 over
507.0	514.0	0.5 over
514.0	521.0	0.5 short
521.0	522.0	0.1 short
522.0	525.0	0.1 over
525.0	531.0	0.6 short
531.0	537.0	0.3 over
537.0	544.0	0.3 over
544.0	550.0	0.2 short
550.0	559.0	0.2 over
559.0	568.0	0.6 over
568.0	578.0	correct
578.0	582.0	0.1 short
582.0	588.0	0.1 over
588.0	598.0	0.1 short
598.0	603.0	0.2 short

Diamond Drill Geological Log

Comaco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:
615.8	616.6	Mudstone black carbonaceous
616.6	618.2	Clarodurain with a 0.1 mudstone band at 617.1
618.2	628.6	Mudstone medium to dark grey with a coal band between 627.1 to 617.3
628.6	628.8	Coal durain
628..8	630.0	Mudstone dark grey with 0.1 coal bands at 629.3 and 629.5
630.0	631.0	Coal durain with a 0.1 Mudstone band at 630.5 high ash
631.o	642.0	Mudstone dark grey with coal bands at (633.5 to 633.8) and (635.7 to 635.9) and (637.8 to 638.0)
	642.0	TD

Core Size

Hole No. 702

Page 7 of 7

40 Scale

Color Plot & Dips		Ore Classes & Aver.
603.0	608.0	0.4 short
608.0	618.0	0.1 short
618.0	623.0	correct
623.0	628.0	0.5 short
628.0	631.0	0.5 over
631.0	638.0	0.8 short
638.0	642.0	1.1 short

2507—N.D.N.

Diamond Drill Geological Log

K- FORDING 23(3)A-2

315

Objective:

Sampled:

Logged By: C. McKenny Date: July 23/73

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

Discard: Reason:

From	To	
0	12.0	Casing
12.0	14.7	Mudstone medium grey
14.7	16.0	Siltstone medium grey
16.0	18.6	Mudstone medium grey
18.16	21.2	Siltstone medium grey
21.2	28.8	Mudstone medium grey
28.8	32.9	Coal
28.8	29.4	Durain with some vitrain bands
2944	29.6	Mudstone medium grey
29.6	32.0	Clarodurain with a 0.1' Mudstone band at 31.5
32.0	32.1	Mudstone dark grey
32.1	32.9	Duroclarain
32.9	38.8	Mudstone medium grey
38.8	47.3	Siltstone medium grey with thin Mudstone interbeds.
47.3	56.9	Coal
47.3	49.6	Duroclarain with 0.05 Mudstone bands at 48.1 and 49.2
49.6	50.5	Mudstone medium grey
50.5	50.7	Durain
50.7	52.5	Clarodurain
52.5	54.1	Clarain

Core Size: HQ Core

Hole No. DDH 703 Page 1

40 Scale

Color Plot & Dips		Ore Classes & Aver.
12.0	15.0	0.3-
15.0	24.0	+ 0.8
24.0	28.0	0
28.0	37.6	-0.4
37.6	44.6	- 0.8
44.6	48.0	0
48.0	50.7	- 0.5
50.7	57.0	- 1.0

2507—N.D.N.

Diamond Drill Geological Log

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:
54.1	56.9	Duroclarain
56.9	61.5	Mudstone medium grey
61.5	68.4	Sandstone very fine grain light grey
68.4	70.0	Siltstone medium grey
70.0	79.9	Sandstone very fine grain light grey
79.9	92.7	Siltstone medium grey with very fine grain Sandstone interbeds
92.7	96.0	Mudstone medium grey
96.0	98.0	Siltstone medium grey
98.0	111.0	Mudstone medium grey
111.0	118.0	Siltstone medium grey with thin very fine grain Sandstone interbeds
118.0	118.5	Mudstone black carbonaceous
118.5	132.0	Coal
118.5	120.0	Clarodurain
120.0	120.6	Durain
120.6	121.4	Clarodurain
121.4	123.3	Mudstone medium grey (0.5' loss attributed to top of Mudstone due to evidence of grinding)
123.3	128.5	Durain with occassional vitrain bands
128.5	130.0	Mudstone medium grey
130.0	132.0	Clarodurain with a very hard 0.1 medium grain Sandstone band at 131.0
132.0	138.0	Mudstone dark grey to black with a 0.1' coal bands at 132.1, 132.8, 133.6, 134.3
		137.9

Core Size

Hole No. DDH 703

Page 2

40 Scale

Color Plot & Dips		Ore Classes & Aver.
57.0	67.3	+ 0.5
67.3	77.0	+ 0.1
77.0	86.6	-0.4
~~86.6~~	92.0	+ 0.4
92.0	94.0	0
94.0	103.0	- 0.5
103.0	111.6	0
111.6	114.0	+ 1.6
114.0	117.6	- 1.1
117.6	118.6	0
118.6	120.4	+0.2
120.4	126.6	-0.5
126.6	128.5	-0.5
128.5	130.5	-0.5
130.5	132.0	-0.1
132.0	138.0	-1.2

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:			Sampled:		
Logged By:	Date:		Composites:		
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

Discard: Reason:

From	To	
138.0	148.1	Mudstone dark grey
148.1	152.0	Siltstone medium grey
152.0	153.4	Sandstone very fine grain light grey
153.4	169.5	Mudstone dark grey with a very fine grain Sandstone band between (159.0 and 160.0) and (168 to 169)
169.5	172.4	Sandstone very fine grain light grey with thin Siltstone interbeds
172.4	174.0	Mudstone dark grey
174.0	178.0	Coal
174.0	175.3	Duroclarain
175.3	178.0	Claorduarin
178.0	188.5	Mudstone medium grey with a 0.1' coal band at 178.3
188.5	193.0	Siltstone medium grey
193.0	197.0	Sandstone very fine grain light grey
197.0	200.0	Siltstone medium grey
200.0	211.0	Mudstone dark grey with a 0.1 coal band at 210.8
211.0	212.5	Siltstone medium grey
212.5	226.0	Mudstone medium grey
226.0	230.2	Coal Clarodurain
230.2	244.7	Mudstone medium grey
244.7	245.0	Coal Duroclarain
245.0	253.4	Mudstone medium grey

Core Size

Hole No. DDH 703 Page 3

40 Scale

Color Plot & Dips		Ore Classes & Aver.
138.0	148.0	- 0.5
148.0	158.0	+ 0.2
158.0	168.0	-0.8
168.0	174.0	+0.4
174.0	179.0	0
179.0	188.0	-0.2
188.0	198.0	+0.2
198.0	206.2	0
206.2	212.0	-0.4
212.0	218.0	-1.2
218.0	226.0	-0.5
226.0	231.0	-0.2
231.0	237.0	-0.1
237.0	243.0	-0.8
243.0	245.0	+0.2
245.0	253.0	0

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:
253.4	272.0	Sandstone very fine grain light grey with Mudstone interbeds
272.0	275.0	Sandstone very fine grain light grey
275.0	299.2	Mudstone medium grey
299.2	313.5	Sandstone very fine grain light grey with Mudstone interbeds
313.5	333.0	Mudstone medium grey with a 0.2 coal band at 331.0
333.0	337.4	Durain
337.4	339.7	Clarodurain
339.7	339.8	Mudstone medium grey
339.8	343.4	Durain
343.4	344.1	Mudstone dark grey carbonaceous
344.1	348.0	Duroclarain
348.0	350.8	Durain with a 0.1 Mudstone band at 348.6 and 349.6
350.8	352.0	Mudstone medium grey
352.0	352.8	Clarodurain
352.8	358.9	Durain iwth some vitrain bands
358.9	359.3	Mudstone medium grey
359.3	361.0	Siltstone medium grey
361.0	378.8	Mudstone medium grey with a 0.1 coal band at 351.6
378.8	379.5	Coal durain
379.5	386.9	Mudstone medium grey

Core Size

Hole No. DDh 703

Page 4

40 Scale

Color Plot & Dips		Ore Classes & Aver.
253.0	263.0	+ 0.6
263.0	273.0	+ 0.1
273.0	278.0	0
278.0	279.0	+ 0.2
279.0	287.0	+ 0.2
287.0	297.5	0
297.5	306.0	0
306.0	312.0	0
312.0	318.0	0
318.0	325.0	0
325.0	329.6	- 0.4
329.6	332.6	-0.5
332.6	338.0	0
338.0	342.0	-0.3
342.0	347.0	0
347.0	351.0	-0.3
351.0	358.0	-0.3
358.0	359.0	0
359.0	365.0	-0.5
365.0	368.5	-2.0
368.5	375.0	+ 0.6
375.0	384.5	-0.5
384.5	388.0	-0.4
388.0	394.5	+0.1

2507—N.D.N.

Diamond Drill Geological Log

Comaco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

Discard: Reason:

From	To	
386.9	388.8	Coal duroclarin with a 0.1 Mudstone band at 387.7
388.8	393.0	Mudstone medium grey
393.0	397.0	Sandstone very fine grain light grey with thin siltstone interbeds.
397.0	405.0	Siltstone medium grey
405.0	408.7	Mudstone medium grey
408.7	410.0	Sandstone very fine grain light grey
410.0	413.3	Mudstone medium grey
413.3	417.5	Coal
413.3	414.1	Duroclarain
414.1	415.1	Durain with some vitrain bands
415.1	415.15	Mudstone
415.15	415.5	Duroclarain
415.5	417.5	Durain
417.5	428.0	Mudstone medium grey
428.0	433.0	Siltstone medium grey
433.0	449.0	Mudstone medium grey
449.0	457.5	Siltstone medium grey with very fine grain Sandstone interbeds
457.5	460.6	Sandstone very fine grain light grey
460.6	463.0	Siltstone medium grey
463.0	477.0	Mudstone medium grey
477.0	508.3	Siltstone medium grey with Mudstone and very fine grain Sandstone interbeds

Core Size

Hole No. DDH 703

Page 5

40 Scale

Color Plot & Dips		Ore Classes & Aver.
394.5	405.0	+ 0.5
405.0	413.0	+ 0.2
413.0	417.0	- 0.4
417.0	421.0	-0.5
421.0	426.0	- 0.7
426.0	431.0	- 0.5
431.0	435.0	+ 0.1
435.0	442.0	- 0.1
442.0	448.0	0
448.0	458.0	+0.3
458.0	466.0	+1.1
468.0	470.0	- 0.5
470.0	476.0	- 0.3
476.0	482.0	-0.2

2507—N.D.N.

Diamond Drill Geological Log

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

Discard: Reason:

From	To	
508.3	523.0	Sandstone medium to coarse grain light grey speckled massive
523.0	527.0	Siltstone medium grey with a coarse grain Sandstone band from 525.5 to 526.0
527.0	538.2	Sandstone coarse grain light grey speckled
538.2	546.0	Mudstone medium grey with thin Siltstone interbeds
546.0	555.5	Mudstone medium grey
555.5	558.0	Sandstone very fine grain light with Mudstone medium grey
558.0	563.0	Mudstone medium grey
563.0	565.5	Siltstone medium grey
565.5	596.0	Mudstone medium grey with some thin siltstone interbeds
596.0	603.0	Siltstone medium grey with Mudstone interbeds
603.0	613.0	Mudstone medium grey
613.0	617.0	Siltstone medium grey with Sandstone interbeds
617.0	647.0	Mudstone medium grey with occasional thin very fine grain Sandstone interbeds
647.0	647.5	Mudstone black carbonaceous
647.5	692.0	Coal
647.5	649.1	Clarodurain
649.1	655.5	Durain
655.5	655.9	Mudstone black carbonaceous
655.9	656.5	Clarain
656.5	656.9	Mudstone black carbonaceous
656.9	662.0	Clarodurain
662.0	662.8	Clarain

Core Size

Hole No. DDH 703 Page 6

40 Scale

Color Plot & Dips	Ore Classes & Aver.
482.0 – 488.0	+ 0.5
488.0 – 498.0	+ 0.3
498.0 – 508.0	+ 0.1
508.0 – 518.0	-0.3
518.0 – 528.0	+ 0.2
528.0 – 538.0	- 0.4
538.0 – 546.0	+ 0.3
546.0 – 550.0	- 0.1
550.0 – 558.0	+ 0.3
558.0 – 568.0	+ 0.2
568.0 – 578.0	+ 0.3
578.0 – 588.0	+ 0.6
588.0 – 595.0	- 0.3
595.0 – 602.0	+ 0.4
602.0 – 608.0	-0.2
608.0 – 618.0	+ 0.5
618.0 – 628.0	+ 0.5
628.0 – 635.0	+ 0.2
635.0 – 642.5	+ 0.5
642.5 – 647.5	-0.1
647.5 – 651.5	- 0.4
651.5 – 655.5	-0.1
655.5 – 662.0	- 1.0
662.0 – 668.0	- 0.9

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block: Sect.: Place: App. Bear: App.: Dip.: Length:

From	To	Discard: Reason:
662.8	668.0	Clarodurain
668.0	668.3	Mudstone black carbonaceous
668.3	672.2	Clarodurain with 0.1' Mudstone bands at 669.7 and 670.1
672.2	676.5	Mudstone dark grey
676.5	684.0	Duroclarain
684.0	687.0	Clarodurain
687.0	692.0	Durain with occasional vitrain bands at 0.05' Mudstone band at 690.3
692.0	693.4	Mudstone black carbonaceous with some thin coal stringer
693.4	696.0	Durain and Mudstone interbeds
696.0	708.0	Mudstone dark grey
708.0	711.0	Siltstone medium grey with a 0.1 coal band at 706.0
711.0	724.5	Mudstone medium grey with a 0.2' coal band at 717.8
724.5	725.5	Sandstone very fine grain light grey corss bedded
725.5	730.0	Mudstone medium grey
730.0	731.0	Sandstone very fine grain light grey cross bedded
731.0	754.0	Mudstone medium grey
754.0	779.2	Coal
754.0	758.0	Durain
758.0	758.7	Clarodurain
758.7	760.0	Durain
760.0	764.5	Clarodurain

Core Size

Hole No. DDH 703 Page 7

40 Scale

Color Plot & Dips		Ore Classes & Aver.
668.0	672.0	-0.6
672.0	677.0	-1.0
677.0	684.0	- 0.4
684.0	692.0	- 0.9
692.0	702.0	- 1.2
702.0	711.0	- 0.2
711.0	719.0	- 0.7
719.0	724.0	
724.0	730.0	0
730.0	740.0	0
740.0	744.0	0
744.0	748.0	- 0.3
748.0	758.0	- 3.3
758.0	765.0	- 1.0

2507—N.D.N.

Diamond Drill Geological Log

Comaco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:
764.5	766.1	Durain
766.1	770.0	Clarodurain
770.0	771.0	Durain and black carbonaceous
771.0	774.2	Durain
774.2	776.6	Dureclarain
776.6	778.0	Clarodurain
778.0	779.2	Durain
779.2	780.5	Mudstone medium grey
780.5	786.8	Siltstone medium grey with fine grain light grey Sandstone interbeds
786.8	790.0	Mudstone dark grey
790.0	792.0	Coal no recovery
792.0	792.1	Mudstone dark grey
792.1	795.0	Coal Clarodurain with many mudstone bands
795.0	801.0	Mudstone dark grey with a 0.1' Coal band at 796.6'
801.0	803.0	Siltstone medium grey
803.2	811.0	Mudstone medium grey
811.0	820.0	Coal
811.0	813.6	Clarodurain
813.6	814.4	Clarain
814.4	814.8	Clarodurain
814.8	815.7	Durain

Core Size

Hole No. DDH 703

Page 8

40 Scale

Color Plot & Dips		Ore Classes & Aver.
765.0	770.0	- 0.3
770.0	771.0	- 0.7
771.0	778.0	- 0.5
778.0	788.0	0
788.0	790.0	0
790.0	801.0	- 3.0
801.0	811.0	- 1.0
811.0	817.0	0
817.0	821.0	0

2507—N.D.N.

Diamond Drill Geological Log

Comaco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:
815.7	816.3	Mudstone black carbonaceous
816.3	820.0	Durain
820.0	821.0	Mudstone with thin high ash durain bands
821.0	825.2	Mudstone medium grey with a 0.1' coal band at 824.3
825.2	825.8	Coal Duroclarain
825.8	830.0	Mudstone dark grey with a coal band between 827.5 - 827.9
830.0	831.3	Mudstone medium grey
831.3	840.0	Siltstone medium grey with some Mudstone interbeds
840.0	848.0	Sandstone very fine grain light grey cross bedded
848.0	858.0	Mudstone medium grey
858.0	866.0	Sandstone very fine grain light grey cross bedded
866.0	868.0	Mudstone medium grey
868.0	870.9	Sandstone very fine grain light grey with Siltstone interbeds
870.9	898.0	Sandstone medium to coarse grain massive speckled
898.0	907.6	Sandstone medium to coarse grain massive with coal stringers
907.6	913.0	Sandstone very fine grain with Siltstone interbeds
913.0	922.5	Siltstone medium grey
922.5	929.0	Coal Durain with occasional vitrain bands
929.0	942.0	Mudstone medium grey
942.0	945.0	Mudstone dark grey with some coal stringers
945.0	955.0	Mudstone medium grey
955.0	958.0	Siltstone medium grey
958.0	961.0	Sandstone very fine grain light grey
961.0	964.0	Sandstone medium to coarse grain light grey
	964.0	T.D.

Core Size

Hole No. DDH 703

Page 9

40 Scale

Color Plot & Dips		Ore Classes & Aver.
821.0	830.0	- 0.7
830.0	838.0	+ 0.8
838.0	848.0	0
848.0	858.0	+ 0.5
858.0	868.0	+ 0.2
868.0	878.0	0
878.0	888.0	+ 2.0
888.0	897.0	- 5.5
897.0	902.5	+ 0.5
902.5	907.0	0
907.0	916.0	+ 2.0
916.0	924.0	0
924.0	930.5	0
930.5	934.5	+0.2
934.5	944.0	-0.3
944.0	948.0	- 0.1
948.0	953.0	+ 0.3
953.0	964.0	- 0.5

2507—N.D.N.

K- FORDING 73(3)A-2

Diamond Drill Geological Log

Cominco

[redacted]

Objective:

Sampled:

Logged By: D.J. Brooks Date: Aug., 7-13/73

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:
0	14.0	Casing
14.0	18.0	Mudstone, med. grey
18.0	19.5	Coal, durain
19.5	22.9	Mudstone, dark grey
22.9	23.6	Coal, durain
23.6	24.4	Mudstone, med. grey
24.4	25.6	Coal, durain (very dull)
25.6	25.8	Mudstone, med. grey
25.8	28.1	Coal, durain
28.1	29.0	SS, light grey, med. grained
29.0	30.0	Mudstone, dark grey
30.0	31.2	Coal, durain (very dull)
31.2	47.8	Mudstone, med. to dark grey
47.8	49.5	Mudstone and coal interbedded, coal badly broken
49.5	55.0	Mudstone, med. grey
55.0	58.0	Interbedded mudstone and siltstone
58.0	63.8	Mudstone, dark grey
63.8	64.5	Coal, durain (very dull)
64.5	66.2	Mudstone, med. grey
66.2	69.2	SS, light grey, fine grey
69.2	69.8	Coal, durain (very dull)
69.8	70.2	Mudstone, med. grey
70.2	72.6	Coal, claro-durain (fairly bright)

Core Size: HQ

Hole No. DDH 704

Page 1 of 7

40 Scale

Color Plot & Dips		Ore Classes & Aver.
16.0	19.5	-1.0
19.5	23.0	0.0
23.0	29.5	0.0
29.5	38.0	0.0
38.0	40.0	-1.0
40.0	48.0	0.0
48.0	58.0	-0.4
58.0	68.0	+0.3
68.0	72.6	-0.2

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: D. J. Brooks Date: Aug. 7-13/73

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:
72.6	74.9	Coal, durain (very dull)
74.9	77.3	Siltstone, light grey
77.3	78.0	Mudstone, dark grey
78.0	78.3	Coal, clarain (bright)
78.3	80.4	Mudstone, very carbonaceous, some small vitrain bands
80.4	103.0	SS, light grey, very fine grain
103.0	108.0	Mudstone, med grey, some light, very fine grain SS interbeds
108.0	144.0	Mudstone, med. grey
144.0	148.6	Coal, Claro-durain (med. bright)
148.6	155.4	Mudstone, dark grey
155.4	185.0	Ss, light grey, med. to fine grain
185.0	185.2	Mudstone, dark black, carbonaceous
185.2	186.4	Coal, durain (very dull)
186.4	194.6	Mudstone, med. grey, many small, light siltstone laminae
194.6	206.2	Mudstone, med. grey
206.2	214.0	Siltsto ne, light grey
214.0	216.7	Mudstone, dark grey
216.7	221.8	Siltstone, light grey
221.8	243.6	Mudstone, med. grey
243.6	266.6	Coal
243.6	250.0	Coal, durain (dull)
250.0	250.3	Mudstone, black; carbonaceous

Core Size

Hole No. DDH-704

Page 2 of 7

40 Scale

Color Plot & Dips		Ore Classes & Aver.
72.6	78.0	0.0
78.0	83.0	0.0
83.0	88.0	+0.2
~~88.0~~	98.0	0.0
98.0	108.0	0.0
108.0	118.0	-0.6
118.0	128.0	+0.4
128.0	135.0	0.0
135.0	140.0	+0.4
140.0	144.0	- 0.4
144.0	151.6	0.0
151.6	164.0	-2.0
164.0	175.0	-0.7
~~175.0~~	184.0	0.0
184.0	192.0	0.0
192.0	197.0	- 0.1
197.0	207.0	+ 0.4
207.0	216.0	0.0
216.0	225.0	+1.0
225.0	228.0	-0.1
228.	238.0	+0.2
238.0	243.6	0.0

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block: Sect.: Place: App. Bear: App.: Dip.: Length:

From	To	Discard: Reason:
250.3	256.5	Coal, durain (very dull)
256.5	258.6	Coal, claro-durain (bright)
258.6	259.0	Mudstone, med. grey
259.0	262.7	Coal, durain (dull)
262.7	262.9	Mudstone, dark grey
262.9	266.6	Coal, claro-durain (bright)
266.6	280.0	Mudstone, med. grey
280.0	282.0	Coal, numerous mudstone bands, very hi-ash
282.0	286.0	Mudstone, dark grey, some vitrain laminations
286.0	286.8	Coal, claro-durain (bright)
286.8	286.9	Mudstone, dark, carbonaceous
286.9	287.0	Coal, vitrain (very bright)
287.0	287.1	Mudstone, black, carbonaceous
287.1	288.6	Coal, durain (dull)
288.6	290.6	Mudstone, black Carbonaceous
290.6	309.0	Ss, light grey, med. to fine grain
309.0	320.2	Mudstone, dark grey
320.2	320.6	Coal, durain (very dull)
320.6	321.2	Mudstone, black carbonaceous
321.2	321.8	Coal, clarain (bright)
321.8	322.0	Mudstone, dark grey
322.0	323.2	Coal, durain (dull)
323.2	323.6	Mudstone, med. grey

Core Size

Hole No. DDH 704

40 Scale

Color Plot & Dips		Ore Classes & Aver.
243.6	250.0	- 0.2
250.0	254.5	- 0.2
254.5	259.0	+ 0.1
259.0	266.0	- 0.9
266.0	276.0	0.0
276.0	280.0	0.0
280.0	288.0	0.0
288.0	296.0	- 0.5
296.0	306.0	0.0
306.0	315.0	- 0.2
315.0	320.0	0.0
320.0	322.0	0.0
322.0	324.6	0.0

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:
323.6	324.4	Coal, durain (very dull)
324.4	332.6	Mudstone, med. grey
332.6	345.0	Siltstone, light grey, some fine grain SS laminae
345.0	356.0	Mudstone, med. grey
356.0	376.9	Siltstone, med. grey, some med. to fine grain SS interbeds
376.9	440.9	Mudstone, med. grey
440.9	449.5	Ss, light grey, med. grain, several dark mudstone interbeds
449.5	464.8	Mudstone, dark grey
464.8	492.3	Mudstone, dark grey with light grey bands of siltstone and fine ss
492.3	500.1	Mudstone, med. grey
500.1	508.0	Siltstone, light grey, some darker mudstone laminations
508.0	512.5	Mudstone, dark grey
512.5	515.3	Ss, light grey, fine grain
515.3	534.2	Mudstone med. grey
534.2	538.0	Mudstone with small, distorted very fine ss laminations
538.0	538.2	Mudstone, dark grey
538.2	538.5	Coal, durain (very dull)
538.5	540.8	Mudstone, black carbonaceous
540.8	542.5	Coal, durain (dull)
542.5	542.9	Mudstone, black carbonaceous
542.9	543.7	Coal, durain (very dull)

Core Size

Hole No. DDH 704

40 Scale

Color Plot & Dips		Ore Classes & Aver.
324.6	335.0	-0.3
335.0	340.0	2.2
340.0	345.0	0.0
345.0	348.0	+ 0.3
348.0	353.5	+ 0.2
353.5	361.0	0.0
361.0	368.0	0.0
368.0	378.0	- 0.4
378.0	384.6	+0.4
384.6	390.0	0.0
390.0	398.0	+1.0
398.0	408.0	-1.0
408.0	418.0	0.0
418.0	428.0	0.0
428.0	436.0	-0.2
436.0	445.0	+1.0
445.0	452.0	-2.0
452.0	457.0	0.0
457.0	467.0	0.0
467.0	477.0	0.0
477.0	487.0	0.0
487.0	497.0	0.0
497.0	508.0	-0.7
508.0	518.0	0.0
518.0	528.0	-0.3

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:
543.7	545.0	Mudstone, black, carbonaceous
545.0	546.6	Coal, clarodurain (bright)
546.6	547.0	Mudstone, dark grey
547.0	550.9	Coal, durain (dull)
550.9	553.0	Coal, clarodurain (bright)
553.0	558.0	Coal, durain (dull)
558.0	558.2	Mudstone, dark grey
558.2	559.3	Coal, durain (dull)
559.3	562.4	Mudstone, med to dark grey
562.4	564.5	Coal, durain (very dull)
564.5	569.2	Coal, clarodurain (bright)
569.2	569.5	Mudstone, dark grey
569.5	576.8	Coal, durain (dull)
576.8	577.1	Mudstone, med. grey
577.1	577.9	Coal, durain (very dull)
577.9	593.9	Mudstone
593.9	599.8	Siltstone, light grey
599.8	606.3	SS, light grey, fine grain
606.3	611.3	Siltstone iwth several mudstone interbeds
611.3	627.3	Mudstone, dark grey, several light grey, fine ss interbeds
627.3	629.2	SS, light grey, med. grain
629.2	635.6	Siltstone, light grey

Core Size

Hole No. DDH 704

Page 5 of 7

40 Scale

Color Plot & Dips		Ore Classes & Aver.
528.0	538.0	+0.1
538.0	542.5	-0.7
542.5	545.0	-0.7
545.0	553.0	-0.4
553.0	558.0	-1.4
558.0	559.3	0.0
559.3	562.0	-1.2
562.0	569.0	0.0
569.0	574.7	-0.4
574.7	578.0	0.0
578.0	582.0	-0.9
582.0	588.0	0.0
588.0	598.0	0.0
598.0	608.0	+0.2
608.0	618.0	-0.3
618.0	628.0	0.0
628.0	638.0	0.0

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block: Sect.: Place: App. Bear: App.: Dip.: Length:

From	To	Discard: Reason:
635.6	642.1	Mudstone, med. to dark grey
642.1	659.0	Mudstone, med. grey with light grey, fine grain SS interbeds
659.0	687.6	Coal
659.0	659.4	Coal, durain (very dull)
659.4	659.5	Mudstone, med. grey
659.5	664.1	Coal, durain (very dull)
664.1	664.5	Mudstone, dark grey
664.5	670.0	Coal, durain (dull)
670.0	674.9	Coal, duroclarain, (semi-bright)
674.9	676.9	Coal, clarain and fairly bright
676.9	677.1	Mudstone, dark grey
677.1	687.6	Coal, durain (dull)
687.6	692.0	Mudstone
692.0	693.1	Coal, durain (dull)
693.1	693.7	Mudstone, med. grey
693.7	698.0	Coal, durain (dull)
698.0	703.0	Mudstone, dark grey with light interbed of fine grain SS
703.0	703.6	Coal, durain (very dull)
703.6	711.8	Mudstone, med. grey
711.8	718.0	Coal, durain (dull)
718.0	720.5	Mudstone, med. grey
720.5	721.1	Coal, clarodurain (bright)

Core Size

Hole No. DDH 704

40 Scale

Color Plot & Dips		Ore Classes & Aver.
638.0	648.0	0.0
648.0	658.0	- 0.3
658.0	664.0	+1.0
664.0	670.0	-1.7
670.0	678.0	0.0
678.0	684.0	0.0
684.0	687.6	-0.3
687.6	692.0	0.0
692.0	697.3	-2.3
697.3	706.7	-0.4
706.7	711.8	+0.6
711.8	718.0	0.0
718.0	719.6	-0.2
719.6	723.0	0.0

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

Discard: Reason:

From	To	
721.1	722.8	Mudstone, med. grey
722.8	723.0	Coal, durain (very dull)
723.0	724.5	Mudstone, dark grey
724.5	731.3	Siltstone, light to med. grey
731.3	733.0	Mudstone, med. grey
733 .0	743.9	SS, light grey, med. to fine grain
743.9	760.9	Interbedded siltstone and mudstone
760.9	798.8	SS, light grey, med. grain
798.8	801.5	Mudstone, med. grain
801.5	813.5	Ss, light grey, fine grain, iron staining
813.5	816.9	Mudstone, med. grey
816.9	851.3	Coal (coal is very badly broken up)
816.9	821.5	Coal, durain (dull)
821.5	830.5	Coal, clarodurain (bright)
830.5	842.0	Coal, durain (dull)
842.0	842.4	Mudstone, med. grey
842.4	848.0	Coal, clarain (very bright)
848.0	851.3	Coal, durain (dull)
851.3	855.1	Mudstone, black carbonaceous
855.1	861.9	Mudstone, med. grey
861.9	877.0	Ss, light grey, med. to fine grain
		T.D. = 877.0

Core Size

Hole No. DDH 704

40 Scale

Color Plot & Dips		Ore Classes & Aver.
723.0	728.0	0.0
728.0	738.0	-0.2
738.0	748.0	0.0
748.0	754.0	0.0
754.0	758.0	0.0
758.0	766.0	+1.0
766.0	770.0	- 1.0
770.0	775.0	0.0
775.0	785.0	0.0
785.0	790.5	+ 0.2
790.5	800.0	0.0
800.0	806.5	0.0
806.5	816.0	+0.2
816.0	821.5	0.0
821.5	830.0	-3.0
830.0	837.0	-1.7
837.0	842.0	0.0
842.0	848.0	-4.4
848.0	852.0	0.0
852.0	856.0	0.0
856.0	861.5	-0.5
861.5	869.0	0.0
869.0	877.0	0.0

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-FORDING 73(3)A-2

315

Objective:

Sampled:

Logged By: D. J. Brooks Date: 13-27 August/73

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:
0	70.0	Casing
14.0	16.5	Mudstone, dark grey
16.5	19.3	SS, light grey, fine to medium grain
19.3	21.5	Mudstone, medium grey
21.5	26.2	Coal, durain
26.2	27.5	Mudstone, medium grey
27.5	39.5	SS, light grey, medium to fine grain, interbedded medium grey mudstone
39.5	43.6	Mudstone, dark grey
43.6	47.0	SS, light grey, fine grain
47.0	49.6	Mudstone, medium grey
49.6	52.9	Mudstone, medium grey with light grey, fine grain, interbedded SS
52.9	68.0	Mudstone, medium to dark grey
68.0	70.0	Mudstone, black carbonaceous
70.0	83.5	Mudstone, dark grey, occasional vitrain laminations
83.5	87.0	SS, light to medium grey, fine grain
87.0	90.3	Mudstone, dark grey
90.3	100.3	Interbedded light to medium grey siltstone & light, fine grain SS
100.3	106.0	Mudstone, medium grey
106.0	107.5	Interbedded medium grey mudstone & light grey, fine grain SS
107.5	117.5	Mudstone, medium grey
117.5	118.0	Mudstone, medium grey with fine "whispy" SS laminations
118.0	118.5	Mudstone, black, carbonaceous with several vitrain laminations
118.5	124.0	Coal

Hole No. 705 Elev. 5852.8

Lat. 490,045 Dep. 71,089

	Elev.	Th.
Top of ____ @ ____		'
Top of ____ @ ____		'
Top of ____ @ ____		'
Top of ____ @ ____		'

Core Size HQ

Hole No. DDH-705

Page 1 of 8

40 Scale

Color Plot & Dips		Ore Classes & Aver.
14.0	17.5	-0.5
17.5	21.5	-0.5
21.5	27.5	-0.5
27.5	34.0	+0.3
34.0	38.0	-0.1
38.0	42.0	0.0
42.0	47.0	0.0
47.0	52.0	0.0
52.0	58.0	-4.0
58.0	61.0	-3.0
61.0	62.0	0.0
62.0	62.5	-0.5
62.5	68.0	-3.0
68.0	70.0	-0.3
70.0	71.0	-0.5
71.0	71.5	0.0
71.5	78.0	-1.1
78.0	88.0	0.0
88.0	98.0	+0.2
98.0	108.0	0.0
108.0	113.3	0.0
113.3	114.5	0.0

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

Discard: Reason:

From	To	
118.5	119.9	Coal, duro-clarain
119.9	120.1	Coal, clarain
120.1	120.2	Mudstone, med. grey
120.2	124.0	Coal, duro=clarain
124.0	125.7	Ss, light to med. grey, fine grain
12577	127.1	Mudstone, med. grey
127.1	127.3	Coal, durain
127.3	128.0	Mudstone, dark grey
128.0	128.3	Coal durain
128.3	128.6	Mudstone, dark grey
128.6	128.9	Coal, duro-clarain
128.9	129.5	Ss, light grey, fine grain, distortedtbedding
129.5	129.7	Mudstone, med. grey
129.7	130.0	Coal, clarain
130.0	131.1	Mudstone, dark grey with several small vitrain bands
131.1	132.9	Ss, light grey, very fine grain
132.9	136.1	Mudstone,dark grey, several small vitrain bands
136.1	138.9	Ss, light grey, med. grain
138.9	140.2	Mudstone, med. grey
140.2	148.0	Siltstone, light grey and fine ss
148.0	155.8	Mudstone, med. grey
155.8	156.1	Coal, durain

Core Size

Hole No. DDH - 705

40 Scale

Color Plot & Dips		Ore Classes & Aver.
114.5	118.0	0.0
118.0	127.7	-0.5
127.7	138.0	-0.4
138.0	148.0	-0.4
148.0	158.0	0.0

2507—N.D.N.

Diamond Drill Geological Log

Comiaco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

Discard: Reason:

From	To	Description
156.1	156.2	Mudstone, black, carbonaceous
156.2	156.4	Coal, durain
156.4	171.1	Mudstone, med. grey
171.1	171.6	Mudstone, black, carbonaceous, several vitrain laminations
171.6	179.4	Mudstone, med. grey
179.4	184.5	Coal
179.4	179.9	Coal, durain
179.9	180.2	Mudstone, dark grey
180.2	180.4	Coal, duro-clarain
180.4	180.5	Pyrite band
180.5	184.1	Coal, durain
184.1	184.5	Mudstone, black carbonaceous
184.5	195.0	Mudstone, med. grey
195.0	195.4	Coal, durain
195.4	199.4	Mudstone, dark grey
199.4	202.4	Siltstone, light grey
202.4	208.0	Mudstone, dark grey
208.0	209.0	Ss, light grey, fine grain
209.0	212.7	Mudstone, dark grey
212.7	258.4	Mudstone,med grey with interbedded light grey, fine grain ss
258.4	266.9	Mudstone, dark grey
266.9	286.3	Coal

Core Size

Hole No. DDH - 705

40 Scale

Color Plot & Dips		Ore Classes & Aver.
158.0	163.0	- 0.4
163.0	168.0	- 0.3
168.0	176.0	0.0
176.0	179.5	-1.5
179.5	184.5	-0.7
184.5	187.0	-0.1
187.0	195.0	0.0
195.0	204.0	-0.7
204.0	208.0	0.0
208.0	218.0	0.0
218.0	228.0	-0.5
228.0	238.0	0.0
238.0	248.0	0.0
248.0	258.0	-0.5
258.0	268.0	0.0

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:
266.9	268.0	Coal, duro-clarain
268.0	268.5	Mudstone, dark grey
268.5	271.2	Coal, duro-clarain
271.2	273.0	Coal, durain
273.0	280.7	Coal, duro-clarain
280.7	281.1	Mudstone, dark grey
281.1	282.2	Coal, dlarain
282.2	283.1	Coal, durain
283.1	284.3	Coal, clarain
284.3	284.5	Mudstone, med. grey
284.5	286.1	Coal, duro-clarain
286.1	286.3	Coal, durain
286.3	301.1	Mudstone, dark grey, some interbedded Ss
301.1	301.9	Coal, durain
301.9	305.7	Mudstone, dark grey, several vitrain laminations
305.7	308.0	Coal, duro-clarain
308.0	309.5	Mudstone, dark grey
309.5	317.0	Siltstone, light grey, several med. grain, light grey ss interbeds
317.0	317.9	Mudstone, med. grey
317.9	318.0	Coal, durain
318.0	352.3	Siltstone, light grey & fine grain ss
352.3	359.4	Ss, light grey, med. grain
359.4	365.4	Interbedded siltstone and ss

Core Size

Hole No. DDh - 705

Page 4 of 8

40 Scale

Color Plot & Dips		Ore Classes & Aver.
268.0	273.0	- 0.3
273.0	280.0	- 0.8
280.0	280.7	- 0.3
280.7	286.3	0.0
286.3	287.2	0.0
287.2	291.5	- 0.4
291.5	298.0	0.0
298.0	303.3	- 0.2
303.2	308.0	- 0.1
308.0	316.0	0.0
316.0	322.0	0.0
322.0	338.0	0.0
338.0	348.0	0.0
348.0	358.0	0.0
358.0	368.0	

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:
365.4	388.4	Ss, speckled, med. to coarse grain
388.4	394.7	Siltstone, med. to dark grey
394.7	398.0	Ss, med. to light grey, med. to fine grain
398.0	401.8	Interbedded siltstone and Ss
401.8	418.3	Ss, speckled, med. grain
418.3	435.4	Interbedded siltstone and ss
435.4	437.8	Mudstone, dark grey
437.8	438.7	Ss, light grey, fine grain
438.7	465.6	Mudstone, med. grey and occasional light, fine grain Ss bands
465.6	469.9	Ss, light grey, fine to med. grain
469.9	473.8	Mudstone, med. grey
473.8	475.1	Ss, light grey, coarse grain
475.1	489.3	Mudstone, dark grey occasional light grey Ss bands
489.3	497.9	Interbedded Ss & siltstone
497.9	498.1	Mudstone, dark grey
498.1	498.3	Coal, durain
498.3	498.9	Mudstone, dark grey
498.9	499.5	Coal, durain
499.5	516.8	Mudstone, dark grey
516.8	529.1	Ss, light grey, fine to med. grain with alternating bands of darker siltstone
529.1	531.1	Ss, speckled, med. grain
531.1	534.7	Ss, med. grain with darker laminations of siltstone
534.7	536.2	Siltstone, med. grey

Core Size

Hole No. DDH -705

Page 5 of 8

40 Scale

Color Plot & Dips		Ore Classes & Aver.
368.0	372.3	-0.1
372.3	388.0	0.0
388.0	398.0	-0.9
398.0	408.0	0.0
408.0	418.0	0.0
418.0	428.0	-0.2
428.0	438.0	0.0
438.0	448.0	0.0
448.0	458.0	0.0
458.0	468.0	0.0
468.0	478.0	0.0
478.0	487.0	-0.5
487.0	495.0	0.0
495.0	502.0	0.0
502.0	508.0	-0.2
508.0	514.0	0.0
514.0	522.0	0.0
522.0	523.0	0.0
523.0	528.5	0.0
528.5	538.0	-0.4

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:
536.2	543.5	Mudstone, med. grey
543.5	573.0	Ss, light grey, med. grain, laminated
573.0	587.5	Mudstone, med. grey
587.5	623.3	Coal
587.5	589.5	Duro-clarain
589.5	592.2	Durain
592.2	593.5	Clarain
593.5	593.6	Mudstone, black
593.6	595.0	Durain
595.0	597.5	Duro-clarain
597.5	597.6	Mudstone, dark grey
597.6	599.9	Duro-clarain
599.9	600.2	Mudstone, black,carbonaceous
600.2	604.5	Durain
604.5	606.4	Clarain
606.4	606.9	Mudstone, med. grey, several vitrain laminations
606.9	608.2	Durain
608.2	609.0	Clarin
609.0	610.0	Durain
610.0	610.8	Clarain
610.8	611.0	Mudstone, med. grey
611.0	612.2	Durain

Core Size

Hole No. DDH - 705

40 Scale

Color Plot & Dips		Ore Classes & Aver.
538.0	548.0	0.0
548.0	553.0	-0.4
553.0	558.0	-0.7
558.0	568.0	-0.3
568.0	578.0	0.0
578.0	587.5	0.0
587.5	593.0	0.0
593.0	598.0	-0.1
598.0	602.0	0.0
602.0	610.0	-0.4
610.0	615.0	0.0

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

Discard: Reason:

From	To	Description
612.2	613.0	Clarain
613.0	614.0	Durain
614.3	614.4	Mudstone, black, carbonaceous
614.4	617.1	Mudstone, grey, several vitrain laminations
617.1	617.3	Clarain
617.3	619.0	Mudstone, dark grey, vitrain laminations
619.0	619.5	Durain
619.5	620.7	mudstone, med. grey
610.7	621.0	Durain
621.0	622.5	Mudstone, med. grey
622.5	623.3	Durain
623.3	624.5	Mudstone, dark grey
624.5	638.0	Ss, light grey fine grain, some mudstone interbeds
638.0	641.5	Mudstone, med. grey
641.5	647.0	Siltstone, dark grey
647.0	653.6	Interbedded siltstone and fine grain ss
653.6	660.5	Mudstone, med. grey
660.5	666.0	Interbedded siltstone and fine grain Ss
666.0	673.0	Mudstone, dark grey
673.0	674.9	Ss, light grey, med. grain
674.9	678.3	Mudstone, dark grey
678.3	712.8	Coal

Core Size

Hole No. DDH 705

40 Scale

Color Plot & Dips		Ore Classes & Aver.
615.0	617.3	-0.7
617.3	619.5	0.0
619.5	622.3	0.0
623.3	631.5	0.0
631.5	638.0	0.0
638.0	641.5	-0.3
641.5	651.5	0.0
651.5	658.0	-0.7
658.0	668.0	0.0
668.0	676.0	0.0
676.0	682.0	-0.5

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block: Sect.: Place: App. Bear: App.: Dip.: Length:

From	To	Discard: Reason:
678.3	680.1	Durain
680.1	680.2	Mudstone, dark grey
680.2	681.6	Durain
681.6	682.0	Clarain
682.0	682.2	Mudstone, med. grey
682.2	685.6	Duroclarain
685.6	688.5	Durain
688.5	690.9	Duroclarain
690.9	691.6	Durain
691.6	693.0	Clarain
693.0	694.7	Duroclarain
694.7	695.5	Clarain
695.5	697.0	Duroclarain
697.0	697.1	Mudstone, dark grey
697.1	699.8	Duro clarain
699.8	700.3	Mudstone, black, carbonaceous
700.3	706.5	Durain
706.5	706.7	Clarain
706.7	708.9	Mudstone, med. grey
708.9	712.8	Duroclarain
712.8	724.5	Mudstone, med. grey
724.5	731.0	Ss, light grey, med. grain

Core Size

Hole No. DDH - 705

Page 8 of 8

40 Scale

Color Plot & Dips		Ore Classes & Aver.
682.0	689.0	0.0
689.0	694.0	0.0
694.0	701.6	0.0
701.6	707.6	0.0
707.6	713.0	0.0
713.0	719.0	0.0
719.0	724.0	-1.0
724.0	731.0	-5.0

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: C. McKenny Date: Sept 10,1973

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

Discard: Reason:

From	To	
731.0	735.5	mudstone medium grey
735.5	736.0	mudstone carbonaceous black
736.0	736.5	coal durain high ash
736.5	738.1	mudstone dark grey with some coal stringers
738.1	738.5	coal clarodurain
738.5	738.7	mudstone medium grey
738.7	739.0	coal clarodurain
739.0	741.0	mudstone dark grey with a 0.2' coal band at 739.6 and 740.0
741.0	751.0	mudstone medium grey
751.0	757.5	mudstone medium grey with thin very fine grain sandstone interbeds
757.5	760.0	sandstone fine grain light grey
760.0	765.0	siltstone medium grey with mudstone interbeds
765.0	780.0	mudstone medium grey
780.0	791.0	sandstone fine grain light grey with siltstone interbeds
791.0	793.5	mudstone medium grey
793.5	799.0	sandstone very fine grain light grey with siltstone interbeds
799.0	806.0	mudstone medium grey
806.0	808.5	siltstone medium grey with mudstone interbeds
808.5	810.0	mudstone dark grey
810.0	811.0	mudstone medium grey
811.0	814.0	sandstone very fine grain light grey
814.0	818.0	siltstone medium grey
818.0	820.0	sandstone very fine grain light grey

Core Size

Hole No. DDH705 Page

40 Scale

Color Plot & Dips		Ore Classes & Aver.
731.0	736.0	0
736.0	741.0	-0.1
741.0	746.0	-1.1
746.0	750.0	-2.0
750.0	758.0	-1.0
758.0	765.0	+0.5
765.0	772.0	+0.2
772.0	778.0	+0.2
778.0	788.0	+0.8
788.0	798.0	+0.4
798.0	799.0	-0.1
799.0	808.0	-1.3
808.0	808.5	00
808.5	818.0	+0.7
818.0	828.0	+0.3

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: C. McKenny Date: Sept 10,1973

Composites:

Block: | Sect.: | Place: | App. Bear: | App.: Dip.: | Length:

From	To	Discard:	Reason:
820.0	828.0	siltstone medium grey with siltstone interbeds	
828.0	834.5	mudstone medium grey	
834.5	843.0	coal clarodurain	
843.0	848.0	siltstone medium grey	
848.0	858.0	mudstone medium grey with occasional coal stringers	
858.0	858.7	coal durain high ash	
858.7	859.2	mudstone medium grey	
859.2	863.0	siltstone medium grey	
863.0	865.0	mudstone medium grey with coal stringers at 863.5	
865.0	872.0	siltstone medium grey	
872.0	879.0	sandstone medium grain light grey speckled	
	879.0	TD	

Core Size

Hole No. DDH705 Page

40 Scale

Color Plot & Dips		Ore Classes & Aver.	
828.0		834.5	-0.8
834.5		838.0	-0.4
838.0		843.0	+0.7
843.0		852.0	-0.5
852.0		868.0	-0.0
858.0		859.0	0
859.0		868.0	-0.4
868.0		879.0	-1.0

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K - Forcink 73(3)A-2

40 Scale

Color Plot & Dips | Ore Classes & Aver.

Objective:

Sampled:

Logged By: DJB Date: July 3, 1973

Composites:

[redacted]

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

Discard: Reason:

Cgs = 0 to 14 INTERSECTIONS TAKEN FROM RADIATION LOG

From	To	Discard:
14	66	Interbdd sltste and mudste
66	75	Mudste, some sltste
75	82	Coal
82	84	Mudste
84	92.5	Coal — Seam "F"
92.5	94	Mudste
94	99	Coal
99	138	Sltste and muste
138	160	Ss, some sltste
160	164	Mudste
164	170	Coal
170	198	Ss, sltste, mudste
198	201	Mudste
201	208	Coal
208	286	Thickly bdd sltste and Ss, some mudste
286	293	Mudste
293	305	Coal
305	309	Mudste — Seam "E"
309	314	Coal
314	350	Mudste and sltste
350	378	Ss, some sltste
378	403	Mostly mudste, some sltste
403	423	Coal, "D" Seam

Core Size

Hole No. RH 706

Page 1 of 2

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:	Sampled:
Logged By: DJB Date: July 3, 1973	Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:
423	486	Interbdd sltste, mudste, some Ss
486	530	Mostly ss and sltste
		T.D. = 530

Core Size

Hole No. RH 706

Page 2 of 2

40 Scale

Color Plot & Dips	Ore Classes & Aver.
0	

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-FORDING 73(3)A-2

40 Scale

Color Plot & Dips | Ore Classes & Aver.

Objective:

Sampled: [redacted]

Logged By: DJB Date: July 3, 1973

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

Discard: Cgs - 0 to 14 Reason: INTERSECTIONS TAKEN FROM RADIATION LOG

From	To	
14	28	Mudste
28	39	Coal, "F" seam
39	98	Interbdd sltste and muste
98	250	Ss, with some sltste and muste interbdds
250	263	Mudste
263	275	Coal
275	279	Mudste
279	286	Coal
286	288	Mudste
288	298	Coal
298	301	Mudste "E" Seam
301	306	Coal
306	309	Mudste
309	316	Coal
316	326	Mudste
326	332	Coal
332	374	Sltste
374	388	Ss
388	393	Mudste
393	417	Coal "D" Seam
417	550	Mudste and sltste interbdds, some small coal stringers

T.D. = 550

Core Size

Hole No. RH 707

Page 1 of 1

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K - FORDING 73(3)A-2

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

Objective:

Sampled:

Logged By: DJBrooks Date: July 5, 1973.

Composites:

[redacted]

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

Discard: Cgs. 0 - 14

Reason: INTERSECTIONS TAKEN FROM RADIATION LOG

From	To	
14	16	Mudstone
16	20	Coal, not sampled, surface hole
20	80	Interbedded mudstone & siltstone, several coal stringers
80	83	Mudstone
83	87	Coal
87	149	Mostly siltstone & ss interbeds
149	162	Mudstone with some siltstone at top
162	171	Coal
171	174	Mudstone
174	182	Coal
182	184	Mudstone
184	188	Coal
188	281	Ss & mudstone, some siltstone
281	287	Mudstone
287	293	Coal
293	314	Ss & siltstone interbeds
314	320	Mudstone
320	326	Coal
326	339	Mudstone & siltstone
339	340	Carbonaceous mudstone
340	344	Coal
344	384	Ss & mudstone
384	399.5	Mudstone

Core Size

Hole No. RH-708

Page 1 of 2

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: DJBrooks Date: July 5, 1973.

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

From	To	Discard: Reason:
399.5	416	Coal
416	417	Mudstone
417	418.5	Coal
418.5	420	Mudstone
420	423	Coal
423	436	Mudstone & Siltstone interbeds
436	476	Large ss bands with some siltstone
476	478	Mudstone
478	480	Carbonaceous mudstone
480	490	Coal
490	550	Ss & mudstone interbeds
		T.D. = 550

Core Size

Hole No. RH-708

Page 2 of 2

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K- FORDING 73(3)A-2

Objective:		Sampled:			
Logged By: DJBrooks	Date: July 11, 1973.	Composites:			
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

Discard: Cgs. = 0 to 9'

Reason: INTERSECTIONS TAKEN FROM RADIATION LOG

From	To	
9	57	Ss.
57	61	Mudstone
61	75	Coal "I" seam to 80 ft.
75	77	Mudstone
77	80	Coal, mudstone partings at 78 ft., very thin
80	93	Mudstone & coal interbeds
93	95	Coal
95	196	Mostly ss, some mudstone interbeds
196	204	Siltstone or fine grained ss.
204	212	Mudstone
212	230	Coal, "H" seam
230	247	Ss.
247	255	Mudstone
255	259.5	Coal
259.5	287	Mostly ss
287	296	Carbonaceous mudstone
296	298	Coal
298	356	Interbedded ss & mudstone
356	361	Mudstone
361	366	Coal, "G" seam, to 377
366	368	Mudstone
368	377	Coal
377	410	Ss & mudstone interbeds
		T.D. = 410

Core Size

Hole No. RH-709

Page 1 of 1

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K. Faroing 73(3)A-2

40 Scale

Color Plot & Dips | Ore Classes & Aver.

Objective:

Sampled:

Logged By: DJBrooks Date: July 11, 1973.

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

Discard: Cgs. = 0 to 20

Reason: INTERSECTIONS TAKEN FROM RADIATION LOG

From	To	
20	46	Interbedded mudstone & coal
46	76	Mudstone & ss.
76	89	Coal, "I" seam
89	225	Ss & mudstone interbeds
225	231	Mudstone
231	249	Coal, "H" seam
249	251	Mudstone & ss
251	254	Coal
254	336	Interbedded ss & mudstone
336	338	Coal
338	372	Mostly ss with some mudstone
372	378.5	Mudstone
378.5	385	Coal, "G" seam, to 396
385	387	Mudstone
387	396	Coal
396	404	Ss.
		T.D. = 404

Core Size

Hole No. RH-710

Page 1 of 1

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-Foreink 73(3)A-2

40 Scale

Color Plot & Dips | Ore Classes & Aver.

Objective:

Sampled:

Logged By: DJBrooks Date: July 5, 1973

Composites:

[redacted]

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

Discard: Cgs. 0 to 20

Reason: INTERSECTIONS TAKEN FROM RADIATION LOG

From	To	
6	19	Coal
19	21	Mudstone
21	24	Coal
24	40	Mudstone
40	45	Coal
45	85	Mostly siltstone
85	91	Mudstone
91	96	Siltstone
96	101	Mudstone
101	103	Coal
103	110	Siltstone
110	116	Carbonaceous mudstone
116	121	Coal
121	129	Ss.
129	131	Mudstone
131	141	Coal
141	160	Ss with several siltstone layers
160	166	Mudstone, carbonaceous near bottom
166	178	Coal, thin mudstone parting at 175
178	179	Mudstone
179	180	Coal
180	226	Ss & siltstone
226	229	Mudstone

Core Size

Hole No. RH-711

Page 1 of 2

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: DJBrooks Date: July 5, 1973.

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

From	To	Discard: Reason:
229	236	Coal
236	385	Mostly ss & siltstone interbeds with several mudstone & coal stringers
385	389	Coal
389	493	Ss. & siltstone interbeds, several mudstone layers
493	499	Mudstone
499	500.5	Coal
500.5	503	Mudstone
503	512	Coal
512	513.5	Mudstone
513.5	516	Coal
516	517	Mudstone
517	520	Coal, mudstone parting at 517.5, very thin
520	526	Mudstone
526	532	Coal
532	543	Ss.

Core Size

Hole No. RH-711

Page 2 of 2

2507—N.D.N.

Diamond Drill Geological Log

Cominco

[redacted]

K. FORDING 73(3)A-2

40 Scale

Color Plot & Dips | Ore Classes & Aver.

Objective:

Sampled:

Logged By: DJBrooks Date: July 5, 1973.

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

Discard: Cgs. 0 - 15

Reason: INTERSECTIONS TAKEN FROM RADIATION LOG

From	To	
15	83	Ss & mudstone interbeds, some siltstone
83	88	Mudstone, carbonaceous near bottom
88	95	Coal, "E" seam
95	97	Mudstone
97	103	Coal, "E" seam
103	172	Siltstone, ss at bottom
172	178	Mudstone, carbonaceous at bottom
178	188	Coal, "D" seam
188	299	Siltstone & ss interbeds
299	307	Mudstone
307	320	Siltstone
320	322	Mudstone
322	333.5	Coal
333.5	375	Ss with mudstone interbeds
		T.D. = 375

Core Size

Hole No. RH-712

Page 1 of 1

2507—N.D.N.

Diamond Drill Geological Log

K- FORDINK 73(3)A-2

Cominco

Objective:			Sampled:		
Logged By: DJBrooks	Date: July 11, 1973.		Composites:		
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Cgs. = 0 to 15 — Reason: INTERSECTIONS TAKEN FROM RADIATION LOG
15	56	Mostly ss
56	85	Ss & mudstone interbeds
85	118	Mostly ss
118	242	Mudstone, ss, with some coal stringers
242	282	Ss & mudstone
282	285	Coal & mudstone
285	300	Ss & mudstone
		T.D. = 300

Core Size

Hole No. RH-713

Page 1 of 1

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

2507—N.D.N.

Diamond Drill Geological Log

K. FORDING 73(3)A-2

Objective:			Sampled:		
Logged By: DJBrooks	Date: July 11, 1973.		Composites:		
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard:	Reason:
		Cgs. = 0 to 10'	INTERSECTIONS TAKEN FROM RADIATION LOG
10	40	Overburden	
40	84	Coal, "E_L" seam	
84	141	Mostly mudstone, several ss bands	
141	147	Mudstone	
147	157.5	Coal, "D" seam	
157.5	300	Mostly ss with some mudstone & coal	
		T.D. = 300	

Core Size

Hole No. RH 714 Page 1 of 1

40 Scale

Color Plot & Dips	Ore Classes & Aver.

0

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K - FORDING 73(3)A-2

40 Scale

Color Plot & Dips | Ore Classes & Aver.

Objective:

Sampled:

Logged By: DJBrooks Date: July 11, 1973.

Composites:

Block: | Sect.: | Place: | App. Bear: | App.: Dip.: | Length:

Reason: INTERSECTIONS TAKEN FROM RADIATION LOG

From	To	Discard: Cgs. = 0 to 15
15	31	Overburden
31	62	Mostly mudstone, some small ss bands
62	200	Mostly ss, several mudstone interbeds, at 200 ft. there is a fault
200	257	Ss with several mudstone interbeds
257	259	Mudstone
259	280	Coal, "B" seam, mudstone partings at 264', 266', very thin.
280	289	Mudstone
289	292	Coal
292	302	Ss.
		T.D. = 302'

Core Size

Hole No. RH-715

Page 1 of 1

2507—N.D.N.

K. FORDING 73(3)A-2

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: DJBrooks Date: July 18, 1973

Composites:

[redacted]

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

Discard: Casing = 0 to 10' Reason: Footages from Rad. logs

From	To	
10'	54	Ss & mudstone
54	73	Mudstone
73	81	Coal "E" seam to 134
81	83	Mudstone
83	88	Coal
88	89.5	Mudstone
89.5	92	Coal
92	94	Mudstone
94	111	Coal
111	114	Mudstone
114	134	Coal
134	139.5	Mudstone
139.5	140.5	Coal
140.5	190	Ss & siltstone
190	201.5	Mudstone
201.5	209	Coal
209	236	Ss & mudstone interbeds
236	245.5	Mudstone
245.5	252	Coal "D" seam to 274
252	264	Mudstone
264	266	Coal
266	268	Mudstone
268	274	Coal

Core Size

Hole No. RH-716

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:		Sampled:			
Logged By: DJBrooks	Date: July 17, 1973	Composites:			
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard:	Reason:
274	401	Interbedded siltstone & mudstone	
401	405	Mudstone	
405	414	Coal "B" seam	
414	440	Mudstone	
		T.D. = 440	

Core Size

Hole No. RH-716

Page 2 of 2

40 Scale

Color Plot & Dips	Ore Classes & Aver.

0

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K- FORDINC 73(3)A-2

Objective:			Sampled:		
Logged By: DJBrooks	Date: July 18, 1973		Composites:		
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

From	To	Discard: Casing = 0 to 13	Reason: Footages from Rad. logs
13	29	Mudstone	
29	31	Coal	
31	49	Ss.	
49	55	Mudstone	
55	62	Coal "F" seam, to 82	
62	66	Mudstone	
66	76	Coal	
76	79	Mudstone	
79	82	Coal	
82	99	Mudstone	
99	105	Coal "Fm" seam	
105	126	Mudstone with several small siltstone interbeds	
126	129	Mudstone	
129	136	Coal "Fm" seam	
136	149	Mudstone with several siltstone interbeds	
149	156	Mudstone	
156	160	Coal "Fm" seam	
160	184	Ss & siltstone interbeds	
184	200	Mudstone	
200	212	Siltstone	
212	244	Mudstone	
244	274	Ss	
274	317.5	Mudstone	

Core Size

Hole No. RH-717

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:			Sampled:			
Logged By: DJBrooks	Date: July 18, 1973		Composites:			
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:	

From	To	Discard:	Reason:
317.5	328	Coal "Eu" seam to 348.5	
328	331	Mudstone	
331	337.5	Coal	
337.5	338.5	Mudstone	
338.5	342	Coal	
342	345.5	Mudstone	
345.5	348.5	Coal	
348.5	375	Mostly ss	
375	389	Mudstone and ss	
389	401	Coal "E_L" seam	
401	471	Interbedded siltstone & mudstone	
471	478	Mudstone	
478	500	Coal "Du" seam	
500	511	Mudstone	
		T.D. = 511	

Core Size

Hole No. RH-717

Page 2 of 2

40 Scale

Color Plot & Dips	Ore Classes & Aver.

0

2507—N.D.N.

K- FORDING 73(3)A-2

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Composites:

Logged By: DJBrooks Date: July 18, 1973

Block: Sect.: Place: App. Bear: App.: Dip.: Length:

Reason:

Footages from Rad. logs

From	To	Discard: Casing = 0 to 9'
9	12	Overburden
12	14.5	Coal
14.5	73.5	Interbedded siltstone & mudstone
73.5	74.5	Coal
74.5	79	Mudstone
79	83	Coal "I" seam to 113
83	86	Mudstone
86	113	Coal, mudstone parting at 100
113	151	Interbedded siltstone & mudstone
151	154	Mudstone
154	161	Coal
161	220	Mostly siltstone with some mudstone interbeds
220	224.5	Mudstone
224.5	225.5	Coal
225.5	227	Mudstone
227	229	Coal
229	233	Mudstone
233	245	Coal "H" seam to 245
245	310	Interbedded ss & siltstone
310	343	Mostly mudstone with small stringers of coal
343	344.5	Coal "Gu" seam to 351
344.5	346	Mudstone
346	351	Coal

Core Size

Hole No. RH-718

Page 1 of 2

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: DJBrooks Date: July 18, 1973

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

From	To	Discard: Reason:
351	362	Mudstone
362	364	Coal
364	369	Mudstone
369	371	Coal
371	394	Interbedded siltstone & mudstone
394	398	Mudstone
398	406	Coal, several mudstone partings between 404 to 405, "G_L" seam
406	439	Siltstone
439	448	Mudstone
448	453	Coal "Fm" seam to 455
453	453.5	Mudstone
453.5	455	Coal
455	550	Mostly mudstone & siltstone with traces of coal
		T.D. = 550

Core Size

Hole No. RH-718

Page 2 of 2

2507—N.D.N.

Diamond Drill Geological Log

K- FORDING 73(3)A-2

Cominco

Objective:		Sampled:			
Logged By: DJBrooks	Date: July 18, 1973	Composites:			
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

Discard: Casing = 0 to 9.5' Reason: Footages from Rad. logs

From	To	
9.5	60	Mudstone, few small coal stringers
60	65	Coal, several mudstone partings between 61 - 62', "H" seam to 97.5
65	69	Mudstone
69	83	Coal
83	90.5	Mudstone
90.5	93.5	Coal
93.5	94.5	Mudstone
94.5	95.5	Coal
95.5	96.5	Mudstone
96.5	97.5	Coal
97.5	158	Interbedded siltstone & mudstone
158	164	Mudstone
164	173	Coal "Gu" seam
173	193	Interbedded mudstone & ss
193	199	Coal, mudstone partings @ 196'
199	215	Mudstone & siltstone interbeds
215	220.5	Coal, mudstone parting at 219
220.5	265	Interbedded ss & mudstone
265	274	Mudstone
274	282	Coal, mudstone partings @ 280 "Fm" seam
282	370	Interbedded ss & mudstone, fault at 370'
370	424	Mostly mudstone, several siltstone interbeds
424	515	Mostly ss with several siltstone interbeds

Core Size

Hole No. RH-719

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:	Sampled:
Logged By: DJBrooks Date: July 18, 1973	Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard: Reason:
515	527	Mudstone
527	536	Coal "F" seam to 558
536	537	Mudstone
537	544	Coal, several mudstone partings @ 540
544	551	Mudstone
551	558	Coal
558	576	Ss& mudstone interbeds
		T.D. = 576

Core Size

Hole No. RH-719

Page 2 of 2

40 Scale

Color Plot & Dips	Ore Classes & Aver.
0	

2507—N.D.N.

Diamond Drill Geological Log

K-FORDING 73(3)A-2

Cominco

Objective:		Sampled:			
Logged By: D.J.B.	Date: 27/7/73	Composites:			
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

Reason: Intersections taken from rad. logs

From	To	Discard:
0	5	Casing
5	10	Overburden
10	50	Mudstone with some siltstone interbeds
50	59.5	Coal "E" Seam to 89.0
59.5	60.5	Mudstone
60	89	Coal
89	170	Interbedded mudstone and siltsone
170	175	Mudstone
175	200	Coal "D" Seam
200	216	Mudstone
		T.D. = 216

Core Size

Hole No. RH 720

Page 1 of 1

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K- FOKOINK 73(3)A-2

Objective:		Sampled:			
Logged By: R. Krishan	Date: August 14/73	Composites:			
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

From	To	Discard:	Reason:
			Intersections taken from Driller's report (No Radiation Log)
0	29	Overburden (0-10' casing)	
29	65	Shale	
65	71	Coal	
71	114	Shale	
114	118	Coal and Shale	
118	129	Sandstone	
129	143	Shale and Sandstone	
143	145	Coal and Shale	
145	149	Coal	
149	166	Shale and sandstone	

Hole started July 18/73, abandoned at 166'

Core Size

Hole No. RH 721

Page 1 of 1

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-FORDING 73(3)A-2

Objective:		Sampled:			
Logged By: RKrishan	Date: July 18, 1973	Composites:			
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

From	To	Discard:	Reason:
			For 0 - 194' Intersections taken from radiation log.
0	58	Overburden (Drillers report 0-100' overburden)	
58	82	Carbonaceous mudstone ?	
82	103	Interbedded siltstone and mudstone	
103	152	Mostly sandstone (some siltstone)	
152	161	Siltstone and mudstone	
161	209	Coal Seam B	
209	219	Mudstone	
		End of hole @ 219	
		July 19, 1973	

Core Size

Hole No. RH 722

Page 1 of 1

2507—N.D.N.

K-FORDING 73(3)A-2

Diamond Drill Geological Log

Cominco

Objective:		Sampled:			
Logged By: RK	Date: July19. 1973	Composites:			
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

Reason: For 0-242' Intersections taken from radiation log.

From	To	Discard:
0	15	Overburden (Cgs. = 0 to 15')
15	28	Mudstone
28	40.5	Coal
40.5	45	Shale
45	50.5	Coal
50.5	54	Shale Seam "E"
54	60	Coal
60	66	Shale
66	68	Coal
68	91	Mudstone and interbedded siltstone
91	103	Coal Seam "EL"
103	114	Mudstone
114	212	Siltstone and interbedded sandstone
212	220	Mudstone
220	243	Coal Seam "D"
243	247	Coal and Shale
247	252	Shale
252	256	Coal and Shale
256	261	Mudstone/ shale

End of hole at 261'

Core Size

Hole No. RH 723

Page 1 of 1

2507—N.D.N.

K-FORDING 73(3)A-2

Diamond Drill Geological Log

Comirco

Objective:

Sampled:

Logged By: DJB & RK Date: 27/7/73

Composites:

[redacted]

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

Discard: Reason:

Intersections taken from Rad. logs.

From	To	
0	13	Casing
13	17	Mustone
17	28	SS
28	56	Mudstone & interbedded siltstone.
56	78	Coal "D" Seam
78	112	Mudstone, some siltstone
112	126	SS
126	132	Mudstone
132	137	Coal "D" Seam to 146
137	139	Mudstone
139	146	Coal
146	173	Mudstone with several small bands of siltstone.
173	242	SS
242	255	Mudstone
255	272	Coal "B" seam to 277
272	274	Mudstone
274	277	Coal
277	288	Mudstone

T.D. = 288

Core Size

Hole No. RH 724

Page 1 of 1

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K- FORDING 73(3)A-2

40 Scale

Color Plot & Dips | Ore Classes & Aver.

Objective:

Sampled:

Logged By: D.J.B. Date: 27/7/73

Composites:

Block: | Sect.: | Place: | App. Bear: | App.: Dip.: | Length:

Reason: intersections taken from Rad. Logs

From	To	Discard:
0	9.5	Casing
9.5	59	Siltstone
59	61	Coal
61	66.5	Mudstone
66.5	71.5	SS
71.5	81	Mudstone
81	83	Coal
83	196	Interbedded SS & mudstone
196	211	Mudstone
211	215	Coal SEam " H" to 240
215	216.5	Mudstone
216.5	233	Coal
233	237	Mustone
237	240	Coal
240	252	Mustsone, some siltstone
252	258	Coal Seam "H"
258	341	Mustone & SS, interbedded
341	353	Coal, Seam "Gu"
353	377	SS & Mudstone
377	384	Mudstone
384	396	Coal, Seam "G" several partings
396	426	Mudstone
426	436	SS

Core Size

Hole No. RH 725

Page 1of2

0

2507—N.D.N.

Diamond Drill Geological Log

Comiaco

Objective:

Sampled:

Logged By: D. J. B. Date: 27/7/73

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

From	To	Discard: Reason:
436	448	Mudstone with several bands of siltstone
448	455	Coal
455	462	Siltstone
		T.D. = 462

Core Size

Hole No. RH 725

Page 2of2

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K - FORDING 73(3)A-2

40 Scale

Color Plot & Dips | Ore Classes & Aver.

Objective:

Sampled:

[redacted]

Logged By: RKrishan Date: July 22, 1973

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

Discard: Reason:

For 0 - 421' intersections taken from radiation logs)

From	To	Discard:
0 0	8	Overburden (casing 0 - 8')
8	12	Clay
12	32	Mudstone
32	40	Coaley shale with mudstone parting
40	78	Sandstone and siltstone interbeds
78	85	Mudstone
85	104	Sandstone with several siltstone interbeds
104	113	Mainly siltstone, some mudstone
113	128	Coal SEAM "I"
128	132	Mudstone
132	134	Coal
134	140	Mudstone
140	164	Mostly sandstone, several siltstone interbeds
164	186	Interbedded mudstone and siltstone
186	188	Sandstone
188	191	Mudstone
191	194	Coal
194	252	Interbedded siltstone and mudstone
252	290	Mostly sandstone with several siltstone interbeds
290	304	Mudstone
304	322.5	Coal SEAM H
322.5	337	Mudstone
337	342	Coal

Core Size

Hole No. RH 726

0

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:		Sampled:			
Logged By: RK	Date:	Composites:			
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

O

From	To	Discard: Reason:
342	354	Sandstone and siltstone interbeds
354	380	Siltstone, and several mudstone interbeds
380	400	Sandstone and siltstone interbeds
400	406	Mudstone
406	409	Coal
409	411	Mudstone
411	420	Coal Seam "G"
420	422	Coal and shale
422	426	Coal
426	428	Coal and shale
428	450	Mudstone
		End of hole at 450'
		July 23/73

Core Size

Hole No. RH 726

2507—N.D.N.

Diamond Drill Geological Log

K- Fording River 73(3)A-2

Cominco

Objective:		Sampled:			
Logged By: D.J.B	Date: 27/7/73	Composites:			
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

Reason: Intersections taken from Rad. Logs

From	To	Discard:
0	14	Casing
14	20	SS
20	75	Interbedded siltstone and mudstone
75	86	Mudstone
86	95	Coal
95	146	Interbedded siltstone & Mudstone
146	154	SS
154	174	Mudstone
174	179	Siltstone and mudstone
179	181	Coal
181	203	Siltstone and mudstone
203	207	Mudstone
207	209.5	Coal
209.5	214	Mudstone
214	217	Coal
217	221	Mudstone
221	224	Coal
224	226	Mudstone
226	243.5	Coal, partings at 234'
243.5	236.5	Mudstone
236.5	252	Coal
252	300	Mudstone
		T. D. = 300

Core Size

Hole No. RH 727

Page 1 of 1

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

2507—N.D.N.

Diamond Drill Geological Log

K-Faroenk 73(3)A-2

Objective:

Sampled:

Logged By: D.J.B. Date: 27/7/73

Composites:

Block: Sect.: Place: App. Bear: App.: Dip.: Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

Discard: Reason: Intersections taken from Rad. Logs

From	To	Discard
0	14	Casing
14	27	Mudstone
27	32.5	Coal
32.5	72.5	Interbedded mudstone & ss
72.5	93.5	Coal
93.5	127	SS, Some siltstone stringers
127	164	Mudstone
164	188	SS
188	193	Mudstone
193	244.5	Coal, several thin mudstone partings @ 222'
244.5	252	Mudstone
252	261	Coal
261	268	Mudstone
268	270	Coal, several partings at 269'
270	284	Mudstone with several carbonaceous stringers
284	296	Coal
296	296.5	Mudstone
296.5	298	Coal
298	300	Mudstone
300	313	Coal, Several partings at 301
313	333	Mudstone
		T.D. = 333

Core Size

Hole No. RH 728

Page 1of 1

2507—N.D.N.

K-FORDING 7313 A-2

Diamond Drill Geological Log

Cominco

Objective:		Sampled:			
Logged By: DJB	Date: 14/8/73	Composites:			
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

Reason: Intersections taken from Radiation logs

From	To	Discard:
0	10	Casing
10	13	Mudstone
13	15	Coal (?)
15	22	Mudstone
22	26	Coal (?)
26	101	Mudstone
101	105	Coal (?)
105	133	Mudstone
133	136	Coal
136	137.5	Mudstone
137.5	147	Coal, mudstone parting @ 135', very thin
147	192	Interbedded mudstone and ss
192	193	Coal
193	197	Mudstone
197	223	SS
223	243	SS and some dirty siltstone
243	256	Mudstone
256	257	Coal
257	275	SS
275	290	Mudstone
290	307	Coal
307	359	SS, several interbeds of siltstone
359	369	Mudstone

Core Size

Hole No. RH-729

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: Date:

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

From	To	Discard: Reason:
369	374	Coal
374	450	Interbedded SS and mudstone
450	453	Mudstone
453	461	Coal
461	480	SS and mudstone interbeds
480	486	Mudstone
486	550	SS and mudstone
		T.D. = 550

Core Size

Hole No. RH 729

Page 2 of 2

2507—N.D.N.

K - FORDING 73(3)A-3

Diamond Drill Geological Log

Cominco

Objective:

Sampled:

Logged By: DJB Date: 14/8/73

Composites:

Block: | Sect.: | Place: | App. Bear: | App.: Dip.: | Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

Discard: Reason:

INTERSECTIONS TAKEN FROM RADIATION LOG

From	To	Discard:
0	10	Casing
10	41	Mudstone, Some ss stringers
41	52	Coal, several thin mudstone partings at 48'
52	54	Mudstone
54	57	Coal
57	96	Mudstone with siltstone interbeds
96	118	SS
118	191	Mudstone and siltstone interbeds
191	199	Coal
199	202	Mudstone
202	206	Coal
206	211	Mudstone
211	213	Coal
213	238	SS
238	312	Mudstone and siltstone interbeds
		T.D. = 312

Core Size

Hole No. RH-730 Page 1 of 1

2507—N.D.N.

Diamond Drill Geological Log

K - FORDING 73(3)A-2

Cominco

Objective:		Sampled:			
Logged By: RKrishan	Date: July 29, 1973	Composites:			
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

Reason: Intersections taken from radiation log

From	To	Discard:
0	19	Overburden (casing 0 - 19')
19	23	Mudstone
23	25	Coal
25	134	Sandstone with several mudstone partings @ 28', 40', and 64'.
134	138	Mudstone
138	150	Interbedded sandstone and siltstone
150	159	Mudstone
159	163.5	Coal
163.5	166	Mudstone
166	172	Coal (168 - 169' and 170 - 171' Mudstone partings)
172	191	Mudstone
191	213	Interbedded sandstone and siltstone
213	229	Siltstone and interbedded mudstone
229	344	Sandstone, with several bands of siltstone
344	357	Sandstone and siltstone interbeds
357	365	Coal } SEAM F
365	369	Mudstone } SEAM F
369	385	Coal (378 - 380' Mudstone parting) } SEAM F
385	410	Mudstone
		End of hole @ 411'
		July 30, 1973

Core Size

Hole No. RH 731

Page 1 of 1

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K - FORDING 73(3)A-2

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

Objective:

Sampled:

Logged By: RKrishan Date: July 30, 1973

Composites:

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

Discard: Reason: Intersections taken from radiation log

From	To	
0	14	Overburden (casing 0 - 9')
14	35	Sandstone and some siltstone
35	37	Coal
37	50	Siltstone and sandstone
50	62	Mudstone and siltstone
62	64	Coal
64	67	Mudstone
67	69	Coal
69	76	Mostly siltstone
76	85	Mudstone
85	92	Coal
92	97	Shaley Coal
97	200	Mostly sandstone, several siltstone interbeds
200	203	Coaley shale
203	208	Coal
208	213	Siltstone
213	217	Sandstone
217	249	Interbedded siltstone and sandstone
249	256	Sandstone
256	280	Siltstone interbedded with mudstone
280	352	Sandstone with several siltstone partings
352	363	Mudstone
363	370	Coal Part Seam F

Core Size

Hole No RH 732

2507—N.D.N.

Diamond Drill Geological Log

Cominco

Objective:		Sampled:			
Logged By:	Date:	Composites:			
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

From	To	Discard:	Reason:
370	373	Mudstone	
373	385	Coal (380.5 - 382 Shale Parting) Seam F	
385	404	Mudstone	
		End of hole at 404	
		July 31, 1973	

Core Size

Hole No. RH 732

Page 2 of 2

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K- FORDING 73(3)A-2

Objective:		Sampled:			
Logged By: R.K.	Date: Dec. 7, 1973	Composites:			
Block:	Sect.:	Place: GREENHILLS	App. Bear:	App.: Dip.:	Length:

Reason: Intersections taken from Drillers Report-No Radiation log.

From	To	Discard:
0	35	Overburden
35	148	Mudstone and sandstone.
148	166	Coal [illegible]'.
166	170	Shale and coal 4'
170	188	Coal 18'(16)', 2' shaly band at 178'
188	196	Shale and coal.
196	232	Sandstone.

End of hole at 232'.

Aug. 25, 1973.

Core Size

Hole No. RH 733

Page 1 of 1

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

2507—N.D.N.

Diamond Drill Geological Log

K - FORDING 73(3)A-2

Cominco

Objective:		Sampled:			
Logged By: R. K.	Date: August 29, 1973	Composites:			
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

Hole No. 734 Elev. 5815.5

Lat. 486,134 Dep. 70,532

	Elev.	Th.
Top of _____ @ _____		'
Top of _____ @ _____		'
Top of _____ @ _____		'
Top of _____ @ _____		'

From	To	Discard:	Reason:
			Intersections Taken from Radiation Log
0	19	Overburden (casing 0-9')	
19	29.5	Mudstone (Driller Report 0-75' overburden)	
29.5	36	Carbonaceous. Mudstone	
36	47	Mudstone	
47	54	Carbonaceous Mudstone	
54	93	Mudstone	
93	101	Coal Seam- GU	
101	118	Sandstone	
118	134	Interbedded mudstone and sandstone	
134	139	Coal	
139	149.5	Interbedded sandstone and mudstone	Seam - G
149.5	156.5	Coal	
156.5	174	Mostly mudstone some siltstone	
174	200	Sandstone with mudstone parting @ 181	
200	202.5	Mudstone	
202.5	207	Coal	
207	210	Mudstone	
210	235	Sandstone, some siltstone	
235	240	Mudstone	
240	280	Sandstone	

End of hole @ 280' August 9/73

Core Size

Hole No. Rh 734

Page 1 of 1

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-FAROING 73(3)A-2

Objective:		Sampled:			
Logged By: R.K.	Date: August 29, 1973	Composites:			
Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

Intersections taken from Radiation Log

From	To	Discard:	Reason:
0	17	Overburden (casing 0-17)	
17	41	Mudstone	
41	49	Coal, (Mddstone parting 43.5 - 44.5)	
49	72	Mudstone	
72	80	Sandstone	
80	136.5	Mudstone, with some siltstone stringers	
136.5	140	Coal	
140	144	Mudstone	
144	158	Coal	
158	218	Mudstone, with carbonaceous stringer at 260'	
218	244	Sandstone, some siltsone partings	
244	265	Mudstone, some siltstone	
265	270	Coal	
270	284	Mudstone	
284	297	Interbedded siltstone and sandstone	
297	299	Coal	
299	339.5	Sandstone and mudstone interbeds	
339.5	344.5	Coal	
344.5	355	Mudstone	

End of hole @ 355

August 11, 1973

Hole No. 735 Elev. 5910.5

Lat. 486,036 Dep. 70,119

	Elev.	Th.
Top of _____ @ _____		'
Top of _____ @ _____		'
Top of _____ @ _____		'
Top of _____ @ _____		'

Core Size

Hole No. RH 735

Page

2507—N.D.N.

K - FORDINGS 73(3)A-2

Diamond Drill Geological Log

Cominco

Objective:		Sampled:			
Logged By: R. Krishan	Date: Sept 10,1973	Composites:			
Block:	Sect.:	Place: Greenhills	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

From	To	Discard:	Reason:
		For 0 - 175' intersections taken from Radiation Log	
0	50	Overburden (0-15' casing) Drillers report 0-40' OB.	
50	75	siltstone and mudstone	
75	87	coal	
87	173	mudstone and siltstone	
173	181	coal	
181	183	coal and shale	
183	191	shale	
191	300	sandstone	
		End of hole at 300'	
		Sept 3,1973	

Core Size

Hole No. RH736

Page 1 Of 1

2507—N.D.N.

Diamond Drill Geological Log

K - Forcing 73(3)A-2

375

Objective:			Sampled:		
Logged By: R. Krishan	Date:		Composites:		
Block:	Sect.:	Place: Greenhills	App. Bear:	App.: Dip.:	Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

From	To	Discard: Reason: Intersections taken from Radiation Log
0	15	Overburden (casing 0-15')
15	65	sandstone
65	96	mostly siltstone, some sandstone
96	110	sandstone
110	131	siltstone, several sandstone interbeds
131	138	mudstone
138	197	coal 59'
197	206	siltstone
		End of hole at 206'
		Sept 5,1973

Core Size

Hole No. RH737

Page 1 of 1

2507—N.D.N.

Diamond Drill Geological Log

Cominco

K-FORDING 73(3)2

Objective:

Sampled:

Logged By: R. K. Date: October 26, 1973

Composites:

[redacted]

Block: | Sect.: | Place: GREENHILLS | App. Bear: | App.: Dip.: | Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

Reason: Intersections taken from Driller's Report

From	To	Discard:
0	3	Overburden
3	59	Shale
59	63	Coal
63	65	Coal & Shale
65	70	Shale
70	72	Coal & Shale
72	80	Coal
80	89	Coal & Shale
89	100	Shale
100	105	Shale
105	107	Coal & Shale
119	125	Coal
125	130	Shale
130	144	Coal
144	147	Shale
147	149	Coal & Shale
149	170	Shale
170	290	Shale with one foot coal band at 225'
290	294	Coal & Shale
294	345	Sandy Shale
345	362	Sand stone
362	404	Shale
404	406	Coal & Shale

Hole No._____ Elev._____

Lat._____ Dep._____

Elev. Th.

Top of _____ @ _____ '

Top of _____ @ _____ '

Top of _____ @ _____ '

Top of _____ @ _____ '

Core Size

Hole No. RH 739

Page 10F2

2507—N.D.N.

Diamond Drill Geological Log

K-FORDING 73(3)A-2

Objective:

Sampled:

Logged By: R. K. Date: October 26, 1973

Composites:

Block: Sect.: Place: GREENHILLS App. Bear: App.: Dip.: Length:

40 Scale

Color Plot & Dips | Ore Classes & Aver.

From	To	Discard:	Reason:
			Intersection taken from Driller's Report
406	427	Coal	
427	430	Shale	
430	432	Coal & Shale	
432	444	Shale	
444	451	Coal & Shale	
451	463	Shale	
		End of hole at 463'	
		September 10, 1973	

Core Size

Hole No. RH 739 Page 2 OF 2

2507—N.D.N.

Diamond Drill Geological Log

K- FOLDING 73(3)A-2

Objective:

Sampled:

Logged By: R. Krishan Date: Sept 20, 1973

Composites:

[redacted]

Block:	Sect.:	Place:	App. Bear:	App.: Dip.:	Length:
		Greenhills			

40 Scale

Color Plot & Dips | Ore Classes & Aver.

0

Reason: For 0 - 214' intersections taken from Radiation Log

From	To	Discard:
0	43	overburden (casing 0 - 15')
43	98	sandstone
98	124.5	siltstone and mudstone
124.5	128.5	coal 4'
128.5	162	mostly mudstone some siltstone
162	169.5	coal 7.5'
169.5	195.5	mudstone
195.5	202.5	coal 7'
202.5	316	mudstone

End of hole at 316'

Sept 11, 1973

Core Size

Hole No. RH748

Page 1 of 1

2507—N.D.N.

RH-221B

~~DIAMOND~~ DRILL SAMPLING RECORD

CONFIDENTIAL

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
98	100		5528			2		78.1			0		315
107	109		5529			2		57.0			1/2		
109	111		5530			2			LOST				
121	123		5531			2		17.0			3		
123	125		5532			2		10.8			7 1/2		
125	127		5533			2		15.4			1		
127	129		5534			2		7.0			6		
129	131		5535			2		8.4			8		
131	133	SEAM-7	5536			2		17.2			5 1/2		
133	135	COMPOSITE	5537			2		15.8			3		
135	137	*5531-41	5538			2		13.5			4		
137	139		5539			2		18.9			5 1/2		

CONTD

RH 221 B

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
200	202		5576			2		13.1			1		
202	204		5577			2			LOST				GOOD COAL - RAD LOG
204	206		5578			2		17.3			1 1/2		
206	208		5579			2		23.3			2 1/2		
208	210		5580			2		15.8			2		
210	212		5581			2		46.7			1		
269	271	COMPOSITE	5582			2		19.0			1 1/2		
271	273	#5582-83	5583			2		20.1			1		
273	275		5584			2		60.8			1/2		
276	278		5585			2		84.4			0		
278	280		5586			2		15.9			8		
280	281		5587			2		89.5			0		
290	292		5588			2		83.3			0		
292	294		5589			2		88.1			0		

RH-221B

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
294	296		5590			2		89.3			0		
296	298		5591			2		83.1			1/2		
298	300		5592			2		80.2			1		
300	302		5593			2		52.5			5		
305	307		5594			2		67.2			1		
313	315		5595			2		29.6			2 1/2		
315	317		5596			2		37.8			1 1/2		
317	319		5597			2		23.4			4 1/2		
319	321		5598			2		35.4			6 1/2		
321	323		5599			2		78.2			1		
336	338		5626			2		58.2			1		
338	340		5627			2		82.4			0		

RH 221B

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
386	388		5628			2		80.8			0		
388	390		5629			2		88.6			0		
394	396		5630			2		36.9			1		
396	398		5631			2		13.4			6 1/2		
398	400	COMPOSITE	5632			2		12.3			4 1/2		
400	402	5631-3A	5633			2		7.3			1 1/2		
402	404		5634			2		10.8			6		
404	406		5635			2		78.4			0		
408	410		5636			2		28.5			1		
410	412		5637			2		11.0			6 1/2		
412	414		5638			2		8			2 1/2		
414	416		5639			2		5.9			3		
416	418		5640			2		8.0			2 1/2		
418	420	COMPOSITE	5641			2		5.6			8 1/2		
420	422	5636-48	5642			2		11.6			7 1/2		

Cont'd.

RH221B

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
422	424		5643			2		22.3			2		
424	426		5644			2		16.9			2 1/2		
426	428		5645			2		14.4			3		
428	430		5646			2		7.3			7 1/2		
430	432		5647			2		10.4			8		
432	434		5648			2		20.5			3 1/2		
434	436		5649			2			LOST.				

COMPOSITES REQUESTED NOV. 20, 73

Composites from individual sections weighted by the footages represented.

RH-222

~~DIAMOND~~ DRILL SAMPLING RECORD

315

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
97	99		4485			2		22.3			1		
147	149		4486			2		29.7			1		
239	240		4487			1		60.2			1		
246	248		4488			2		NOT FOUND					GOOD COAL RAD. LOG.
248	250		4489			2		69.1			1		
250	252		4490			2		11.8			8		249-255' RAD LOG.
252	254	COMPOSITE #4490+91	4491			2		6.7			7		
254	256		4492			2		60.6			2		
265	267		4493			2		18.2			7 1/2		
280	282	Ist COMPO. - 4494+95+96	4494			2		13.2			8		282-288' RAD LOG.
282	284	IInd COMPO - 4494+95+96+97 #2	#1 4495			2		6.0			4 1/2		
284	286		4496			2		6.3			7		
286	288		4497			2		43.1			2 1/2		
288	290		4498			2		76.5			1/2		
290	292		4499			2		29.7			5 1/2		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
292	294		4500			2		78.5			0		
294	296		4951			2		71.8			1		
296	298		4952			2		33.6			1 1/2		
301	303		4953			2		48.4			1		303-305 FAIR COAL
303	305		4954			2		19.5			6 1/2		306-324 GOOD COAL
305	307		4955			2		6.3			8 1/2		
307	309		4956			2		5.3			8		
309	311	SEAM-7	4957			2		4.8			7 1/2		
311	313	COMPOSITE	4958			2		6.7			5 1/2		
313	315	4954-64	4959			2		5.9			7		
315	317		4960			2		6.6			7		
317	319		4961			2		6.6			7 1/2		
319	321		4962			2		7.3			7		
321	323		4963			2		12.1			8		
323	325		4964			2		37.4			7 1/2		
341	343	COMPOSITE 4965+66	4965			2		17.4			2		

CONTD

 Hole No. RH 222

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
343	345		4966			2		12.2			4		
350	352		4967			2		70.3			1		
353	355		4968			2		10.9			2		
355	357	COMPOSITE	4969			2		20.0			2 1/2		35A-363' GOOD COAL
357	359	4968-71	4970			2		42.4			1		
359	361		4971			2		8.4			1 1/2		
361	363		4972			2		60.2			1/2		
372	374		4973			2		21.4			4		
374	376		4974			2		10.0			3 1/2		
376	378		4975			2		8.6			4		
378	380		4851			2		8.8			1/2		371-399' GOOD COAL
380	382		4852			2		13.9			3 1/2		
382	384	COMPOSITE	4853			2		12.8			3		
384	386	4973-60	4854			2		20.0			1/2		
386	388		4855			2		18.7			1 1/2		
388	390		4856			2		13.3			1		

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
390	392		4857			2		12.5			1/2		
392	394		4858			2		14.4			5		
394	396		4859			2		16.1			2 1/2		
396	398		4860			2		18.8			1 1/2		
398	399		4861			1		55.9			1		
400	402	P.A. + % S & FSI	4862			2		15.1			2		
419	421		4864			2		41.2			1 1/2		

COMPOSITES REQUESTED
NOV. 20, '73

NB. composites from individual sections weighted by the footages represented

RH 223

~~DIAMOND~~ DRILL SAMPLING RECORD

315

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
171	173		4865			2		83.8			0		
173	175		4866			2		83.7			0		
175	177		4867			2		84.5			0		
303	305		4868			2		15.2			1		305-307 V.GOOD COAL
305	307	COMPOSITE #4868+69	4869			2		18.3			5 1/2		
307	309		4870			2		65.1			1		
322	324		4871			2		75.5			1		
333	335		4872			2		65.8			1		
335	337		4873			2		33.3			1		336-375' RAD LOG
337	339		4874			2		12.9			3		
339	341		4875			2		20.2			5		
341	343		4501			2		14.6			4 1/2		
343	345		4502			2		14.5			1/2		
345	347		4503			2		8.9			2 1/2		
347	349		4504			2		6.6			6		

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
349	351		4505			2		12.9			7 1/2		
351	353		4506			2		23.6			5		
353	355		4507			2		17.3			3 1/2		
355	357	SEAM 7	4508			2		15.7			2 1/2		
357	359	COMPOSITE	4509			2		12.3			7 1/2		
359	361	# 4873-75 & 4501-17 Inclusive	4510			2		6.4			6		
361	363		4511			2		26.4			3 1/2		
363	365		4512			2		13.0			5		
365	367		4513			2		18.8			3 1/2		
367	369		4514			2		NOT	FOUND				GOOD COAL RAD LOG
369	371		4515			2		12.2			8 1/2		
371	373		4516			2		21.5			8		
373	375		4517			2		NOT	FOUND				FAIR COAL RAD LOG
375	377		4518			2		77.3			1		
421	423		4519			2		33.4			1/2		
423	425		4520			2		25.9			2		423.5–16.5 RAD.LOG

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
425	427	CONTD	4521			2		14.7			6½		
427	429		4522			2		10.4			4		
429	431		4523			2		25.5			1		
431	433		4524			2		13.3			1½		
433	435		4525			2		9.6			5		
435	437		4601			2		8.1			1½		
437	439	SEAM-5	4602			2		15.4			4		
439	441	COMPOSITE	4603			2		13.0			2		
441	443	#4519-25, 4601-14 Inclusive.	4604			2		LOST.					
443	445		4605			2		21.0			2		
445	447		4606			2		13.0			2½		
447	449		4607			2		13.9			1½		
449	451		4608			2		10.2			2		
451	453		4609			2		LOST.					
453	455		4610			2		39.9			2½		
455	457		4611			2		13.7			6		
457	459		4612			2		35.9			1½		

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
459	461		4613			2		12.8			1½		
461	463		4614			2		38.1			2½		GOOD COAL RAD. LOG.
465	467		4615			2		67.3			0		

COMPOSITES REQUESTED
Nov. 20, 73

NB. Composites from individual sections weighted by footages represented.

RH 224

~~DIAMOND~~ DRILL SAMPLING RECORD

315

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
25	27		4741			2		5.1			7 1/2		
27	29		4742			2		6.6			7 1/2		27-50' RAD LOG
29	31		4743			2		24.2			7		
31	33		4744			2		27.2			3		
33	35	SEAM – A COMPOSITE	4745			2		15.9			6		
35	37	#4741-49, 5026-27 inclusive.	4746			2		6.1			6 1/2		
37	39		4747			2		6.9			6		
39	41		4748			2		7.9			4 1/2		
✓ 41	43		4749			2		5.8			7		
43	45		5026			2		13.3			7 1/2		
45	47		5027			2		49.4			2 1/2		GOOD COAL ON RAD LO
47	49		5028			2		62.5			1		
49	51		5029			2		54.0			1		
51	53		5030			2		10.2			6 1/2		
53	55		5031			2		62.0			1		
55	57		5032			2		57.7			2		
57	59		5033			2		64.1			1		

RH 224

~~DIAMOND~~ DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
59	61		5034			2		49.6			4		
61	63		5035			2		61.5			1		
		SEAM - 2											
161	163	P.A. + % S & FSI →	5036			2		12.0			7 1/2		162-165' RAD LOG
163	164		5037			1		67.5			1 1/2		
176	178		5038			2		13.0			6 1/2		177-181.5' RAD LOG
178	180	SEAM-1 COMPOSITE	5039			2		14.4			7		
		#5038-41 Inclusive											

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
180	182		5040			2		30.6			5		
182	184		5041			2		25.6			7 1/2		
238	240	COMPOSITE #5042+43	5042			2		14.6			5		
240	242		5043			2		18.5			2 1/2		
242	244		5044			2		64.1			1/2		
245	247		5045			2		12.5			1		SHALE RAD.LOG
247	249		5046			2		55.8	?		1/2		GEOLOGICAL RAD. LOG
265	267		5047			2		36.2			1		
267	269		5048			2		11.1			5 1/2		266.5–269.5
269	271	DRAW-5 COMPOSITE	5049			2		8.2			6 1/2		296–298
271	273	5047–50 & 4976–84–4977	5050			2		11.2			2		
273	274	Inclusive	4976			1		13.5			2 1/2		
274	276		4977			2		7.9			3		

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
276	279		4978			3		12.4			3 1/2		
279	281		4979			2		10.0			5 1/2		
281	283		4980			2		18.9			2		
283	285		4981			2		10.6			1 1/2		
285	287		4982			2		15.4			2		
287	289		4983			2		8.0			7		
289	291		4984			2		10.4			1 1/2		
291	293		4985			2		52.5			1		
293	295		4986			2		18.9			3		
295	297		4987			2		66.4			1		
314	316		4988			2		69.1			1/2		

COMPOSITES REQUESTED.
NOV. 20, 73

RH 225

~~DIAMOND~~ DRILL SAMPLING RECORD

315

NB Composites from individual sections weighted by footages represented.

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
151	153		4997			2		21.8			6 1/2		
153	155	COMPOSITE	4998			2		7.4			7 1/2		
155	157	4997-5000 Inclusive	4999			2		34.9			7		
157	159		5000			2		30.0			7		
161	163		5001			2		15.0			1		
163	165		5002			2		8.1			7		
165	167		5003			2		14.5			4		
167	169	SEAM-7 COMPOSITE	5004			2		14.6			2 1/2		
169	171	*5001--11 Inclusive	5005			2		8.0			8		
171	173		5006			2		7.6			8		
173	175		5007			2		23.2			6		
175	177		5008			2		13.3			3		
177	179		5009			2		10.3			8		
179	181		5010			2		18.3			8		
181	183		5011			2		21.2			8		
183	185		5012			2		57.0			4		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
185	187		5013			2							
187	189		5014			2		65.0			2		
227	229		5015			2		22.4			6		
229	231		5016			2		9.1			6½		
231	233		5017			2		8.9			2		
233	235		5018			2		10.6			4½		
235	237		5019			2		14.3			1		
237	239	SEAM - 5 COMPOSITE	5020			2		20.5			2		
239	241	# 5015-25, 4351-53 Inclusive	5021			2		26.5			1½		
241	243		5022			2		12.1			1		
243	245		5023			2		16.1			4		
245	247		5024			2		15.5			3½		
247	249		5025			2		13.5			5		
249	251		4351			2		13.7			6½		
251	253		4352			2		56.1			1		

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
253	255		A353			2		17.1			3 1/2		
255	257		A354			2		39.0			2		
257	259		A355			2		83.5			0		
267	269		A356			2		31.5			2		

COMPOSITES REQUESTED,
NOV. 20, 73

RH 226

~~DIAMOND~~ DRILL SAMPLING RECORD

315

NB. Composites from individual sections weighted by footages represented

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
26	28		4357			2		41.0			0		28.5-54.5 RAD. LOG
28	30		4358			2		24.5			0		
30	32		4359			2		19.6			1		
32	34		4360			2		11.7			1 1/2		
34	36		4361			2		10.2			1 1/2		
36	38		4362			2		4.6			6 1/2		
38	40	SEAM-A COMPOSITE	4363			2		14.9			2		
40	42	#4358-69 Inclusive	4364			2		8.4			5		
42	44		4365			2		11.4			5		
44	46		4366			2		5.9			6 1/2		
46	48		4367			2		25.4			2 1/2		
48	50		4368			2		3.9			8		
50	52		4369			2		19.4			2 1/2		
52	54		4370			2		62.2			1		
54	56		4371			2		51.0			4		
56	58		4372			2		60.7			1		
58	60		4373			2		38.5			6		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
60	62		4374			2		23.4			1 1/2		
152	154		4901			2		43.5			5		153.5 - 156.5 RAD LOG
154	156	P.A. + % S and FSI	4902			2		7.6			8 1/2		
167	169		4903			2		12.9			4		167 - 173.5 RAD. LOG
169	171		4904			2		LOST.			→		GOOD COAL RAD. LOG.
171	173	COMPOSITE	4905			2		12.4			8		
173	175	#4905-6 Inclusive.	4906			2		17.3			8		
294	296	COMPOSITE	4907			2		11.6			1 1/2		295 - 304.5 RAD. LOG
296	298	#4907-08 Inclusive	4908			2		26.8			4		
298	300		4909			2		45.8			1		
300	302		4910			2		41.1			1 1/2		
306	308		4911			2		18.9			1 1/2		310 - 319.5 RAD. LOG

CONT'D.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
308	310	COMPOSITE	4912			2		10.0			2		
310	312	# 4911-13 Inclusive	4913			2		19.5			2 1/2		
312	314		4914			2		47.0			1		
314	316		4915			2		38.2			1 1/2		
316	318		4916			2		87.1			0		
325	327	P.A. 1/2 S & FSE	4917			2		22.9			2		324-328' POOR CON
													328-330.5' GOOD CON
344	346		4918			2		52.3			1		

WASHABILITY TESTS FOR ALL COMPOSITES AND ALSO FOR # 5149 SEAM COMPOSITES.
REQUESTED. NOV. 2, 73

DDH 228

DIAMOND DRILL SAMPLING RECORD

315

NB. WEIGHT BY THE FOOTAGES REPRESENTED

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
56	61	SEPARATE	5139	—		5		17.3			8		
69.4	81	COMPOSITE # 5140-42.	5140	1.1		11.6		13.5			6		
81	87		5141	—		6		21.0			4		
87	94		5142	0.6		7		15.9			3 1/2		
137.3	140	SEPARATE	5143	0.1		2.7		12.4			2		
230.1	247	COMPOSITE # 5144-45	5144	2.4		16.9		15.5			3 1/2		
247	267.3		5145	7.4		20.3		21.2			1 1/2		
276	281	SEPARATE	5146	1.5		5		32.3			5 1/2		
351.5	365.5	COMPOSITE # 5147-48	5147	0.2		14		12.8			7		
365.5	372.9		5148	0.6		7.4		18.7			5 1/2		
446	469	WASHABILITY TESTS / SEPARATE	5149	8.7		23		14.4			6		
478	495	COMPOSITE # 5150 & 5901	5150	1.1		17		13.6			5		
495	504		5901	OVER 0.3		9		9.2			4 1/2		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
553.5	564.3		5902	0.5		10.8		17.0			6 1/2		
564.3	580	COMPOSITE #5902-4	5903	0.2		15.7		11.8			3 1/2		
580	596.5		5904	0.5		16.5		17.1			2		
601.7	603.5	SEPARATE	5905	—		1.8		20.0			4		
834.1	847		5906	0.5		12.9		18.1			4		
847	858	COMPOSITE #5906-08	5907	—		11		7.6			7		
858	870.5		5908	0.5		12.5		21.8			7 1/2		

COMPOSITES REQUESTED NOV. 20, 73

NB. Composites from individual sections weighted by the footages represented.

RH 229

~~DIAMOND~~ DRILL SAMPLING RECORD

315

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
19	21		5268			2		41.9			0		
21	23		5269			2		81.1			0		
57	58		5270			1		25.5			7 1/2		
63	65		5271			2		16.2			1 1/2		CA-88' RAD LOG
65	67		5272			2		12.5			7		
67	69		5273			2		16.5			7		
69	71		5274			2		11.7			3 1/2		
71	73	SEAM - 7	5275			2		11.0			2		
73	75	COMPOSITE	5876			2		7.3			8		
75	77	# 5271-5882	5877			2		10.3			7 1/2		
77	79		5878			2		34.8			3		
79	81		5879			2		17.8			2 1/2		
81	83		5880			2		11.7			7 1/2		
83	85		5881			2		7.9			7 1/2		
85	87		5882			2		15.1			7 1/2		
87	89		5883			2		58.0			3		
89	91		5884			2		71.2			1		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
91	93		5885			2		76.3			1		
131	133		5886			2		30.8			2		131-167' BND LOG
133	135		5887			2		24.7			4 1/2		
135	137		5888			2		8.7			3		
137	139		5889			2		13.0			7		
139	141		5890			2		LOST					
141	143		5891			2		12.1			5		
143	145	SEAM - 5 COMPOSITE	5892			2		8.8			2		
145	147	#5886-5900, & 5301-02	5893			2		11.7			4 1/2		
147	149		5894			2		9.8			2 1/2		
149	151		5895			2		LOST					GEOPHYSICAL RAD. LOG
151	153		5896			2		10.5			1 1/2		
153	155		5897			2		LOST					GEOPHYSICAL RAD. LOG
155	157		5898			2		8.1			3		
157	159		5899			2		9.5			2		

CONT'D.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
159	161		5300			2		LOST					GOOD COAL RADLOG
161	163		5301			2		26.5			1		
163	165		5302			2		14.4			4		
165	167		5303			2		43.2			1/2		
238	240		5304			2		78.1			1/2		
240	242		5305			2		19.3			2 1/2		

Page No. 3 OF 3 Hole No. RH229

COMPOSITES REQUESTED
Nov. 28, 73

N.B Composites from individual sections weighted by footages represented

RH 230

~~DIAMOND~~ DRILL SAMPLING RECORD

315

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS CAPT		WIDTH	M	A	VM	FC	FSI	S	REMARKS
52	54		5306			2		44.1			6½		
87	89		5307			2		41.0			2		
89	91		5308			2		41.3			3½		RADIATION LOG
91	93		5309			2		18.8			2		88-90' POOR COAL
93	95		5310			2		21.0			3		90-120' GOOD COAL
95	97		5311			2		12.9			1½		
97	99		5312			2		15.8			6½		
99	101		5313			2		12.7			7		
101	103	SEAM -A	5314			2		14.4			5½		
103	105	COMPOSITE	5315			2		15.0			4½		
105	107	#5309 - 5322 inclusive	5316			2		13.3			8		
107	109		5317			2		6.4			8		
109	111		5318			2		8.2			8		
111	113		5319			2		30.7			3½		
113	115		5320			2		7.1			8		
115	117		5321			2		9.4			6½		
117	119		5322			2		6.4			8		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
119	121		5323			2		43.9			7		
121	123		5324			2		64.6			1		
123	125		5325			2		53.0			1		
125	127		5801			2		63.6			1		
200	202		5802			2		SAMPLE		LOST			
202	204		5803			2		41.0			1½		202-205' RADIATION
204	206	P.A. + % S. & F SI	5804			2		14.0			2½		LOG - COAL
215	218		5805			3		15.8			8		
218	220	SEAM - 1 COMPOSITE	5806			2		18.9			7		216-222' RAD LOG
220	222	* 5805-07 Inclusive	5807			2		21.6			9		
259	261		5808			2		8.2			7		259-311.5' RAD LOG
261	263		5809			2		20.9			4		
263	265		5810			2		29.2			3½		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
265	267		5811			2		32.3			1½		
267	269		5812			2		42.3			1		
269	271		5813			2		20.0			3½		
271	273		5814			2		15.4			5½		
273	275		5815			2		10.0			3½		
275	277		5816			2		37.4			1		
277	279		5817			2		SAMPLE		LOST			
279	281	SEAM - 5 COMPOSITE	5818			2		9.9			5		
281	283	*5808 - 5825 + *4426-4434	5819			2		12.3			1½		
283	285		5820			2		38.4			1		
285	287		5821			2		13.3			6		
287	289		5822			2		14.2			5½		
289	291		5823			2		10.5			2		
291	293		5824			2		16.1			3		
293	295		5825			2		16.6			2½		
295	297		4426			2		12.8			2		
297	299		4427			2		13.5			2		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
299	301		4428			2		30.2			1 1/2		
301	303		4429			2		17.2			1 1/2		
303	305		4430			2		SAMPLE		LOST.			
305	307		4431			2		15.3			6 1/2		
307	309		4432			2		13.1			2		
309	311		4433			2		32.7			2		
313	315		4434			2		25.2			1 1/2		
340	342		4435			2		62.2			1		-
518	520		4436			2		18.0			3		519-545 Rad. Lo
520	522		4437			2		8.4			5 1/2		547-551.5 " "
522	524		4438			2		SAMPLE		LOST			
524	526	SEAM - A	4439			2		17.5			3 1/2		
526	528	COMPOSITE	4440			2		14.3			2 1/2		
528	530	#4436 - 48 Inclusive	4441			2		10.6			4		
530	532		4442			2		13.3			1 1/2		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
532	534		4443			2		SAMPLE	LOST.				
534	536		4444			2		8.7			3 1/2		
536	538		4445			2		6.1			7 1/2		
538	540		4446			2		7.9			8		
540	542		4447			2		8.3			4		
542	544		4448			2		21.9			5		
544	546		4449			2		66.8			1		
546	548		4450			2		34.0			2		
548	550		5826			2		SAMPLE	LOST.				
550	552		5827			2		69.5			1		
552	554		5828			2		64.2			1		

COMPOSITES REQUESTED NOV. 20/73

NB. Composites from individual sections weighted by footages represented.

RH-231

~~DIAMOND~~ DRILL SAMPLING RECORD

315

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
38	39		5829			1		40.1			3 1/2		
39	41		5830			2		18.7			3 1/2		
41	43	COMPOSITE # 5830-31	5831			2		25.3			6		42-47' RAD. LOG
43	45		5832			2		45.6			4 1/2		
114	116		5833			2		64.0			4 1/2		
116	117		5834			1		74.4			1		
122	124		5835			2		46.5			1		
124	126		5836			2		15.0			6 1/2		
126	128		5837			2		12.2			6 1/2		125-159.5' RAD LOG
128	130		5838			2		61.5			3 1/2		
130	132		5839			2		22.7			1 1/2		
132	134		5840			2		10.7			7 1/2		
134	136	SEAM-7 COMPOSITE	5841			2		29.0			5		
136	138	# 5836-50, 5276-77	5842			2		14.2			4 1/2		
138	140		5843			2		11.3			6 1/2		
140	142		5844			2		8.3			8		

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
142	144		5845			2		19.4			8		
144	146		5846			2		20.7			8		
146	148		5847			2		15.7			8		
148	150		5848			2		11.2			7 1/2		
150	152		5849			2		17.7			6 1/2		
152	154		5850			2		10.6			8		
154	156		5276			2		20.7			8		
156	158		5277			2		7.9			2		
158	160		5278			2		74.3			1		
160	162		5279			2		56.4			1		
207	209		5280			2		52.1			1		

COMPOSITES REQUESTED
NOV. 28, 73

RH-233

~~DIAMOND~~ DRILL SAMPLING RECORD

315

NB. Composites from individual sections weighted by footages represented

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
118	120		5286			2		12.4			4		120.5-133'
120	122		5287			2		SAMPLE LOST.					GOOD COAL RAD. LOG
122	124	PART SEAM #4 COMPOSITE	5288			2		9.6			3 1/2		
124	126	#5286-90 inclusive.	5289			2		SAMPLE LOST.					GOOD COAL RAD. LOG
126	128		5290			2		7.4			8		
128	130		5291			2		57.4			1		
130	132		5292			2		68.3			1		
132	134		5293			2		66.4			1		
134	136		5294			2		55.5			2		
136	138		5295			2		26.8			7		136.5-145' RAD. LOG
138	140		5296			2		SAMPLE LOST.					GOOD COAL RAD. LOG
140	142		5297			2		48.4			3 1/2		
142	144		5298			2		SAMPLE LOST					SHALE RAD LOG.
144	146		5299			2		10.7			7 1/2		
146	148		5300			2		SAMPLE LOST.			GOOD COAL		148-152 RAD. LOG

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
246	248	SEAM - 2 P.A. +/- 5 & F.S.I.	5326			2		7.4			7		
248	249		5327			1		SAMPLE LOST.			GOOD COAL		250-255 RAD. LOG.
288	290		5328			2		24.2			2 1/2		
306	308		5329			2		34.9			5		
308	310		5330			2		72.8			1		
349	351		5331			2		28.0			3 1/2		
351	353		5332			2		16.4			3 1/2		
353	355		5333			2		11.4			1 1/2		354-356' RAD LOG.
355	357		5334			2		7.9			3		
357	359		5335			2		7.9			6 1/2		
359	361		5336			2		7.6			1 1/2		
361	363		5337			2		SAMPLE LOST.			GOOD COAL		RAD. LOG.
363	365	SEAM - 5 COMPOSITE	5338			2		13.3			1 1/2		
365	367	#5331 - 5347 Inclusive.	5339			2		72.9			1		
367	369		5340			2		30.8			1 1/2		
369	371		5341			2		16.4			2		
371	373		5342			2		27.8			1 1/2		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
373	375		5343			2		8.5			1 1/2		
375	377		5344			2		12.8			2 1/2		
377	379		5345			2		13.9			6		
379	381		5346			2		10.5			2		
381	383		5347			2		21.1			3 1/2		
384	386		5348			2		19.3			1/2		

COMPOSITES REQUESTED
NOV. 28, 73

RH-234

~~DIAMOND~~ DRILL SAMPLING RECORD

315

B. composites from individual sections weighted by the footages represented

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
123	125	COMPOSITE	5850			2		27.1			5		125-129 RAD LOG
125	127	#5850 + 51	5851			2		10.4			7 1/2		
127	129		5852			2		41.3			5		
129	130		5853			1		61.0			4		
133	135		5854			2		24.2			2		136-154.5 RAD LOG
135	137		5855			2		9.2			6		
137	139		5856			2		8.7			7		
139	141	SEAM - 7	5857			2		12.0			7		
141	143	COMPOSITE	5858			2		15.9			7		
143	145	#5854 - 62 Inclusive	5859			2		25.0			1 1/2		
145	147		5860			2		17.8			5		
147	149		5861			2		7.1			7 1/2		
149	151		5862			2		12.6			8 1/2		
151	153		5863			2		52.2			6 1/2		
153	155		5864			2		55.7			4		
155	157		5865			2		67.3			2		
159	161		5460			2		56.0			1		
161	163		5461			2		74.1			1/2		

DIAMOND DRILL SAMPLING RECORD

FROM	TO'	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
190	192		5866			2		SAMPLE		LOST			GOOD CAL.
192	194		5867			2		16.7			5		
194	196		5868			2		8.8			7 1/2		
196	198		5869			2		15.3			2 1/2		
198	200		5870			2		10.3			4 1/2		
200	202		5871			2		7.1			2		
202	204		5872			2		SAMPLE		LOST			
204	206	SEAM - 5 COMPOSITE	5873			2		"		"			GOOD CAL.
206	208	# 5866-75 + 5451-56	5874			2		"		"			
208	210		5875			2		25.4		1			
210	212		5451			2		10.8		1 1/2			
212	214		5452			2		13.6		2 1/2			
214	216		5453			2		10.9		2			
216	218		5454			2		13.9		1 1/2			
218	220		5455			2		17.5		1 1/2			
220	222		5456			2		16.6		3 1/2			

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
222	223		5457			1		63.1			1/2		
243	245		5458			2		34.4			5		
245	246		5459			1		60.6			1		
353	355		5462			2		50.7			1		
355	356		5463			1		65.6			1/2		

COMPOSITES REQUESTED
DEC. 7, 73

RH-235

~~DIAMOND~~ DRILL SAMPLING RECORD

315

NB— WEIGHT BY FOOTAGES REPRESENTED.

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
17	19		5464			2		37.1			1		
19	21		5465			2		43.9			1 1/2		
167	169		5466			2		12.3			6 1/2		
169	171		5467			2			LOST		GOOD COAL	BAD LOG.	
171	173		5468			2		6.3			2 1/2		
173	175		5469			2		13.1			1		
175	177		5470			2		16.9			6		
177	179		5471			2		13.3			3 1/2		
179	181		5472			2		8.8			5		
181	183	COMPOSITE	5473			2			LOST		GOOD	COAL	BAD LOG.
183	185	#5466--5483	5474			2		13.6			5 1/2		
185	187		5475			2		4.3			7 1/2		
187	189		5476			2		9.9			4		
189	191		5477			2		10.7			3		
191	193		5478			2		9.5			6		
193	195		5479			2		7.1			4		
195	197		5480			2		8.2			5		

CONTD

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
197	199		5481			2		10.6			6 1/2		
199	201		5482			2		14.9			4		
201	203		5483			2		32.1			4 1/2		
203	205		5484			2		69.9			1		
205	207		5485			2		70.6			1		
207	209		5486			2		46.7			2		
209	211		5487			2			LOST				
211	213		5488			2		67.0			1/2		
213	215		5489			2		62.2			1		
215	217		5490			2		77.6			0		
217	219		5491			2		52.4			1		
219	221		5492			2		8.7			4		
221	223		5493			2		53.3			1		
223	225		5494			2		34.7			1 1/2		
225	227		5495			2		44.4			1		
227	229		5496			2		32.6			3 1/2		
229	231		5497			2		14.3			7 1/2		

CONT'D

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
231	233	CONCRETE 5496-5500	5498			2		14.2			5		
233	235		5499			2		22.0			7 1/2		
235	237		5500			2		34.2			6 1/2		
337	339		5501			2		87.3			0		
341	343		5502			2			LOST				
343	345		5503			2		15.0			5		
345	347		5504			2		20.7			7		
347	349		5505			2		61.4			1 1/2		
349	351		5506			2		78.7			0		
351	353		5507			2		78.5			1/2		
356	358		5509			2			LOST				
358	360		5510			2		73.8			0		
360	362		5511			2		16.5			5		
362	364		5512			2		43.8			1		
364	366		5513			2		83.4			0		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
373	375		5514			2		77.8			0		
375	377		5515			2		39.4			1		
377	379		5516			2		16.4			3 1/2		
379	381		5517			2		25.9			2		
381	383		5518			2		16.4			1 1/2		
383	385		5519			2		13.7			3		
385	387		5520			2		10.4			1 1/2		
387	389		5521			2		14.8			3 1/2		
389	391		5522			2		15.2			1 1/2		
391	393		5523			2		28.1			1 1/2		
393	395	SEAM-5 COMPOSITE	5524			2		19.4			1 1/2		
395	397	5516-25, 5951-58	5525			2		11.1			4		
			5951										
399	401		5952			2		11.1			2		
401	403		5953			2		14.6			2		

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
403	405		5954			2		25.7			2 1/2		
405	407		5955			2		20.3			1		
407	409		5956			2		18.1			1		
409	411		5957			2		69.3			1/2		
411	413		5958			2		23.3			1 1/2		
413	415		5959			2		44.4	35.8		1		
415	417		5960			2		27.2			2		
417	419		5961			2		68.9			1		

COMPOSITES REQUESTED
Nov. 20, 73.

N.B. Composites from individual sections weighted by the footages represented.

RH-236

~~DIAMOND~~ DRILL SAMPLING RECORD

315

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
39	41	#2 #1	5976			2		15.7			4 1/2		39-48' RAD. LOG
41	43	SEAM #1 COMPOSITE #5976-77	5977			2		20.4			5		
43	45	Ist COMPOSITE #5976-77	5978			2		38.8			4 1/2		GOOD COAL - RAD LOG
45	47	IInd COMPOSITE #5976-79 Inclu.	5979			2		29.9			5		
201	203		5980			2		81.2			1/2		
401	403		5981			2		13.0			5 1/2		400-437' RAD LOG
403	405		5982			2		32.5			3 1/2		427-429' SHALE PARTING
405	407		5983			2		13.1			3		
407	409		5984			2		18.3			3 1/2		
409	411		5985			2		9.8			4		
411	413		5986			2		13.0			2		
413	415	SEAM #A COMPOSITE	5987			2		5.0			7		
415	417	#5981-92 Inclusive.	5988			2		11.7			4 1/2		
417	419		5989			2		6.5			6 1/2		
419	421		5990			2		8.7			8		
421	423		5991			2		5.8			8		

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
423	425		5992			2		13.0			6 1/2		
425	427		5993			2		62.6			1		
427	429		5994			2		53.1			1		
429	431	SEAM - A Lower Part. COMPOSITE	5995			2		16.5			6		
431	433	# 5995-96	5996			2		17.4			5		
433	435		5997			2		62.6			1		
435	437		5998			2		53.7			1		
437	438		5999			1		87.8			0		

COMPOSITES REQUESTED
DEC 7, 73

RH-237

~~DIAMOND~~ DRILL SAMPLING RECORD

315

NB WEIGHT BY FOOTAGES REPRESENTED

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
98	100	COMPOSITE	5651			2		15.3			6 1/2		
100	102		5652			2		8.4			6		
102	104		5653			2		87.0			0		
104	106		5654			2			LOST				
106	108		5655			2		7.0			7 1/2		
108	110		5656			2		78.1			1/2		
110	112		5657			2		33.6			7		
112	114		5658			2		22.5			1		
114	116		5659			2		6.5			7		
116	118		5660			2		13.6			2		
118	120	SEAM-7 COMPOSITE	5661			2		5.9			8 1/2		
120	122	*5657 – 5666 inclusive.	5662			2		13.3			6		
122	124		5663			2		13.1			6		
124	126		5664			2		19.2			2		
126	128		5665			2		6.8			8 1/2		
128	130		5666			2		20.5			8 1/2		
130	132		5667			2		53.8*	?		5 1/2		CHECK ASH IN #5667

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
132	134		5668			2		63.4			3		
134	136		5669			2		72.3			1		
136	138		5670			2		74.0			1		
144	146		5671			2		77.4			1		
151	153		5672			2		31.6			2		
153	155		5673			2		9.2			7 1/2		
155	157		5674			2		12.0			6		
157	159		5675			2		21.8			3 1/2		
159	161		5676			2		5.7			5		
161	163		5677			2		33.0			1 1/2		
163	165		5678			2		10.4			1 1/2		
165	167		5679			2		16.3			4		
167	169	SEAM - 5 COMPOSITE	5680			2		5.5			2		
169	171	5672 - 5691	5681			2		11.5			1 1/2		
171	173		5682			2		27.7			2		

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
173	175		5683			2		10.5			4 1/2		
175	177		5684			2		11.7			1 1/2		
177	179		5685			2		13.5			1 1/2		
179	181		5686			2		17.1			2		
181	183		5687			2		10.4			6		
183	185		5688			2			LOST				GOOD COAL - BAD LOG
185	187		5689			2			LOST				" "
187	189		5690			2		14.7			3		
189	191		5691			2		21.4			2 1/2		
191	193		5692			2		75.4			1/2		
193	195		5693			2		71.4			1/2		
195	197		5694			2		43.1			3		
197	199		5695			2		70.4			1/2		

RH 237 (CONTD.)

~~DIAMOND~~ DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
365	367		8046			2		35.8			2 1/2		
367	369		8047			2		12.5			7		
369	371		8048			2		10.9			1		
371	373		8049			2		9.6			6 1/2		
373	375		8050			2		8.5			4		
375	377		8126			2		15.9			3		
377	379		8127			2		10.5			8		
379	381		8128			2		20.5			8		
381	383		8129			2		25.7			5 1/2		
383	385		8130			2		34.3			1		
385	387		8131			2		14.3			7 1/2		
387	389		8132			2		9.7			9		
389	391	COMPOSITE	8133			2		13.0			6 1/2		
391	393	8046-50, 8126-45	8134			2		8.1			8		
393	395		8135			2		20.4			6		
395	397		8136			2			LOST			GOOD	COAL - RAD LOG
397	399		8137			2		26.2			1		

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
399	401		8138			2		18.0			2		
401	403		8139			2		31.1			5 1/2		
403	405		8141			2		21.5			2		
405	407		8142			2		12.4			7 1/2		
407	409		8143			2		13.6			2 1/2		
409	411		8144			2		10.8			6 1/2		
411	413		8145			2		31.4			1		
413	414		8146			1		86.9			0		
424	426		8147			2		10.3			1 1/2		
426	428		8148			2		9.5			1 1/2		
428	430		8149			2		21.1			4 1/2		
430	432		8150			2		8.2			4 1/2		
432	434		8051			2		17.6			3		
434	436		8052			2		12.3			2 1/2		
436	438		8053			2		12.1			2 1/2		
438	440		8054			2		10.5			3 1/2		

CONT'D.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
440	442		8055			2		11.9			3 1/2		
442	444		8056			2		9.1			5		
444	446		8057			2		8.8			4		
446	448		8058			2		9.1			3 1/2		
448	450		8059			2		14.7			4 1/2		
450	452		8060			2		25.1			2		
452	454		8061			2		9.0			2		
454	456		8062			2		7.6			2		
456	458		8063			2		10.2			3 1/2		
458	460		8064			2		14.8			2		
460	462		8065			2		15.7			6 1/2		
462	464		8066			2		33.9			1		
464	466		8067			2		50.6			1		
466	468		8068			2		13.3			7 1/2		
468	470		8069			2		13.5			1 1/2		
470	472		8070			2		15.9			1 1/2		
472	474		8071			2		21.4			1 1/2		

CONTD.

 Hole No. RH 237

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
474	476		8072			2		20.2			3		
476	478		8073			2		17.8			4		
478	480		8074			2		12.1			4		
480	482		8075			2		23.5			6		
482	484		8076			2		51.8			2 1/2		
484	486		8077			2		71.1			1		

COMPOSITES REQUESTED
DEC. 7, 73.

RH-238

~~DIAMOND~~ DRILL SAMPLING RECORD

315

NB WEIGHT BY FOOTAGES REPRESENTED

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
144	145		5696			1		81.2			6		
185	187		5697			2			LOST				
187	189		5698			2		28.4			2 1/2		
189	191		5699			2		23.6			2 1/2		
191	193		5700			2		15.1			6		
193	195		5926			2		29.6			2 1/2		
195	197		5927			2		12.4			3 1/2		
197	199	SEAM – A (PART) COMPOSITE	5928			2			LOST			GOOD	COAL RAD. LOG
199	201	5697–5934	5929			2			LOST			"	" " "
201	203		5930			2		12.3			7		
203	205		5931			2		10.3			4		
205	207		5932			2		20.4			3 1/2		
207	209		5933			2		16.4			7 1/2		
209	211		5934			2		8.8			7 1/2		
211	213		5935			2		38.9			4		
213	215		5936			2		40.1			5 1/2		
215	217		5937			2		35.7			4 1/2		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
217	219		5939			2			LOST				
219	221		5940			2			LOST				
221	223		5941			2		16.3			7 1/2		
223	225		5942			2			LOST				
225	227		5943			2			LOST				
325	327	P.A., 0/0.5 & FSI —	5944			2		11.4			6 1/2		
327	329		5946			2		61.8			2 1/2		
342	344		5947			2		12.4			7 1/2		
344	346	SEAM-1 COMPOSITE	5948			2		23.4			2 1/2		
346	348	# 5947-49	5949			2		11.5			6 1/2		
381	383		5950			2			LOST			PART-7	SEAM 381-383'
383	385	COMPOSITE	5551			2		6.8			8	GOOD	COAL - RAD. LOG
385	387	# 5950 - 58 Inclusive.	5552			2		5.8			5		

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
387	389		5553			2		33.9			1 1/2		
391	393		5554			2		18.2			2		
393	395		5555			2		6.9			3		
395	397		5556			2		8.2			1		
397	399		5557			2		7.1			3		
399	401		5558			2		8.4			5		
401	403		5559			2		64.9			1/2		
406	408		5560			2		81.3			0		
441	443		5562			2		24.5			2 1/2		
443	445		5563			2		22.8			1		
445	447		5564			2		7.4			6 1/2		
447	449		5565			2		11.4			4		
449	451		5566			2		16.5			2		
451	453		5567			2		9.0			3 1/2		

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
453	455		5568			2		8.9			2		
455	457	COMPOSITE	5569			2		11.4			3		
457	459	# 5562-26	5570			2		17.9			3 1/2		
459	461		5571			2		24.6			1		
461	463		5572			2		21.0			1		
463	465		5573			2		14.5			1		
465	467		5574			2		8.7			6		
467	469		5575			2		17.0			1		
469	471		5526			2			LOST				
474	475		5527			2		56.4			1		

COMPOSITES REQUESTED
DEC. 7, 73.

RH-239

~~DIAMOND~~ DRILL SAMPLING RECORD

315

NB WEIGHT BY FOOTAGES REPRESENTED

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
18	20	NO SAMPLE COLLECTED	5601			2							
20	22		5602			2		18.6			1 1/2		
22	24		5603			2		21.5			0		
24	26		5604			2		23.9			0		
26	28	SEAM-5 COMPOSITE	5605			2		18.9			0		
28	30	*5601-09 Inclusive.	5606			2		21.1			0		
30	32		5607			2		18.6			0		
32	34		5608			2		25.9			0		
34	36		5609			2		24.9			0		
36	38		5610			2		75.3			0		
38	40		5611			2		67.3			0		
40	42		5612			2		76.6			0		
45	47		5613			2		56.4			0		
47	49		5614			2		29.9			0		
49	51		5615			2		84.9			0		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
190	192		5617			2		69.0			1		
200	202		5618			2		47.3			1 1/2		
202	204		5619			2			LOST				
204	206		5620			2		85.4			0		
206	208		5621			2		89.4			0		
208	210		5622			2		67.8			1		
210	212		5623			2		29.2			7		
212	214		5624			2		77.7			0		
218	220		5625			2		69.1			1/2		
221	223		5701			2		82.3			1/2		
223	225		5702			2		61.3			2 1/2		
225	227		5703			2		78.4			0		
227	229		5704			2		74.4			1		
229	231		5705			2			LOST				
231	233		5706			2			LOST				
233	235		5707			2			LOST				

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
243	245	COMPOSITE PART A SEAM	5709			2		20.4			8		
245	246	5709-10	5710			1		32.0			2		
313	315	COMPOSITE	5711			2		7.6			6 1/2		
315	317	5711--12	5712			2		25.9			7		
320	322		5713			2		69.5			1		
353	355		5714			2		24.0			1 1/2		
355	357		5715			2		7.2			7		
357	359	COMPOSITE	5716			2		11.2			5 1/2		
359	361	# 5714--20	5717			2		48.7			5		
361	363		5718			2		6.0			6 1/2		
363	365		5719			2		9.8			2		
365	367		5720			2		10.4			7		
375	377		7510			2		12.9			6 1/2		
377	379		7511			2		16.7			5		

CONTD

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
379	381	COMPOSITE	7512			2		28.3			2 1/2		
381	383	# 7510-14	7513			2		12.8			3		
383	385		7514			2		21.1			7 1/2		
385	387		7515			2		53.7			4 1/2		
387	389		5721			2		75.2			1		
395	397		5722			2		11.6			1 1/2		
397	399		5723			2		12.9			3		
399	401		5724			2		9.0			3		
401	403		5725			2		12.0			3		
403	405	COMPOSITE	7501			2		12.6			7		
405	407	5722-25, 7501-7506	7502			2		24.8			1 1/2		
407	409		7503			2		18.7			2 1/2		
409	411		7504			2		18.1			1		
411	413		7505			2		9.3			8		
413	415		7506			2		14.2			6 1/2		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
415	417		7507			2		54.3			3 1/2		
417	419		7508			2		69.9			1/2		
419	421		7509			2		70.5			1/2		

COMPOSITES REQUESTED.
DEC. 7, 73

RH 240

~~DIAMOND~~ DRILL SAMPLING RECORD

305

NB WEIGHT BY FOOTAGES REPRESENTED

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
22	24		7517			2		15.4			3		
24	26	SEAM – PART 7 ?	7518			2		10.5			7 1/2		
26	28	COMPOSITE #7517-20.	7519			2		10.7			8		
28	30		7520			2		29.4			8		
30	32		7521			2		48.9			5 1/2		
32	34		7522			2		65.9			1/2		
85	87		7523			2		13.0			2 1/2		
87	89		7524			2		12.8			2 1/2		
89	91		7525			2		8.1			5 1/2		
91	93		7526			2		7.0			3 1/2		
93	95		7527			2		10.0			3 1/2		
95	97		7528			2		15.8			5 1/2		
97	99	SEAM-7 COMPOSITE	7529			2		10.9			3 1/2		
99	101	#7523 – 40 Inclusive.	7530			2		16.8			2		
101	103		7531			2		9.8			1/2		

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
103	105		7532			2		13.0			2 1/2		
105	107		7533			2		7.1			7 1/2		
107	109		7534			2		13.3			2 1/2		
109	111		7535			2		8.8			1 1/2		
111	113		7536			2		15.3			2 1/2		
113	115		7537			2		24.0			1 1/2		
115	117		7538			2		22.0			3 1/2		
117	119		7539			2		14.0			2		
119	121		7540			2		30.8			1		
121	123		7541			2		65.0			1/2		
123	125		7542			2		71.4			1/2		
125	127		7543			2		73.8			1/2		
127	129		7544			2		73.2			1/2		
137	139		7545			2		39.3			5 1/2		
139	141		7546			2		39.9			5		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
141	143		7547			2		59.8			1 1/2		
143	145		7548			2		30.4			2		
145	147		7549			2		20.4			4		
147	149		7550			2		12.4			1/2		
149	151		7551			2		17.3			4 1/2		
151	153		7552			2		21.6			1		
153	155		7553			2		28.4			1/2		
155	157		7554			2		14.8			3		
157	159		7555			2		15.0			1 1/2		
159	161	SEAM - 5 COMPOSITE	7556			2		30.5			1/2		
161	163	#7548 - 7566	7557			2		14.4			2		
163	165		7558			2		11.9			3 1/2		
165	167		7559			2		9.4			2		
167	169		7560			2		12.9			1/2		
169	171		7561			2		10.3			1		
171	173		7562			2		14.2			3 1/2		
173	175		7563			2		9.1			1 1/2		

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
175	177		7564			2		8.2			1/2		
177	179		7565			2		60.3			1		* GEOLOGIC PROBLEM ASH DOUBTFUL
179	181		7566			2		7.1			1		

Page No. 4 OF 4 Hole No. RH 240

COMPOSITES REQUESTED
DEC 7, 78.

RH 241

~~DIAMOND~~ DRILL SAMPLING RECORD

315

NB WEIGHT BY FOOTAGES REPRESENTED

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
79	80		7567			1		49.8			2		
92	94		7568			2		60.1			6		
94	96		7569			2		20.3			8		
96	98		7570			2		47.9			6 1/2		
98	100		7571			2		75.2			0		
100	102		7572			2		25.4			5		
102	104	COMPOSITE	7573			2		30.7			7		
104	106	#7572-75	7574			2		31.3			2		
106	108		7575			2			LOST			GOOD	COAL - RAD LOG
206	208		7626			2			LOST			GOOD	COAL RAD. LOG
208	210		7627			2		29.2			8 1/2		
210	212		7628			2		82.0			0		
212	214		7629			2		85.0			0		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
221	223		7630			2		80.0			1/2		
224	226		7638			2		74.8			1/2		
226	228		7631			2		30.4			1/2		
228	230		7632			2		17.7			1		
230	232		7633			2		32.5			1		
232	234	COMPOSITE*	7634			2			LOST				GOOD COAL RAD LOG
234	236	*7631-37 inclusive.	7635			2		23.7			6		
236	238	* MAY NOT BE TRUE REPRES	7636			2			LOST				GOOD COAL RAD. LOG.
238	240	-ENTATIVE COMPO.	7637			2		10.4			2		
262	264		7639			2		52.4			5		
264	266		7640			2		28.9			1		
266	268		7641			2		21.2			1		
268	270		7642			2		45.7			1		
270	272		7643			2		10.8			6 1/2		
272	274		7644			2		14.1			3 1/2		

CONTD

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
274	276		7645			2		8.5			3		
276	278		7646			2		14.7			6 1/2		
278	280	SEAM - 7 COMPOSITE	7647			2		10.9			7		
280	282	*7640-50, #7576-78	7648			2		24.2			4 1/2		
282	284		7649			2		9.4			4		
284	286		7650			2		10.9			8		
286	288		7576			2		18.6			6 1/2		
288	290		7577			2		7.7			7 1/2		
290	292		7578			2		17.4			7 1/2		
292	294		7579			2		49.7			4 1/2		
296	298		7580			2		32.5			4 1/2		
298	300		7581			2		16.5			1		
337	339		7582			2		29.8			2		
339	341		7583			2		30.4			2 1/2		
341	343		7584			2		17.4			6 1/2		

CONTD

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
343	345		7585			2		25.5			4 1/2		
345	347		7586			2		8.5			1		
347	349		7587			2		13.9			1/2		
349	351		7588			2		9.2			3		
351	353		7589			2		6.9			3		
353	355	SEAM - 5 COMPOSITE	7590			2		10.8			3 1/2		
355	357	#7582-99 Inclusive.	7591			2		10.2			1 1/2		
357	359		7592			2			LOST.			GOOD	COAL RAD. LOG
359	361		7593			2		33.0			1		
361	363		7594			2		7.2			1		
363	365		7595			2		9.7			1 1/2		
365	367		7596			2		23.4			1		
367	369		7597			2		13.0			6		
369	371		7598			2		10.0			1 1/2		
371	373		7599			2		17.0			3		
373	375		7600			2		45.6			1 1/2		
375	377		7601			2		60.6			1		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
387	389		7602			2		68.2			1/2		

COMPOSITES REQUESTED
DEC. 7, 73.

RH-242

~~DIAMOND~~ DRILL SAMPLING RECORD

315

NB WEIGHT BY FOOTAGES REPRESENTED

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
46	48		7752			2		29.1			7		
68	70		7753			2		6.2			7		
70	72		7754			2		33.9			5		
72	74		7755			2		8.7			6		
74	76		7756			2.		48.8			1		
76	78		7757			2		3.9			7 1/2		
78	80		7758			2		5.4			4		
80	82		7759			2		9.8			7		
82	84		7760			2		6.5			3		
84	86	BEAM - A	7761			2		3.0			7 1/2		
86	88	COMPOSITE	7762			2		7.7			7 1/2		
88	90	#7753 - 69 inclusive.	7763			2		5.5			7		
90	92		7764			2		4.2			6 1/2		
92	94		7765			2		7.0			7 1/2		
94	96		7766			2		7.2			8		
96	98		7767			2		7.0			7		
98	100		7768			2		12.7			9		

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
100	102		7769			2		14.3			8		
						34		11.28					
198	200	P.A. + 0% S & FSE	7770			2		28.3			2 1/2		
213	215		7771			2		24.8			5 1/2		
215	217	SEAM — 1 COMPOSITE	7772			2		9.7			8		
217	218	#7771 — 73	7773			1		32.3			7		

COMPOSITES REQUESTED
DEC 7, 73

RH243

~~DIAMOND~~ DRILL SAMPLING RECORD

305

NB WEIGHT BY FOOTAGES REPRESENTED.

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
45	47	NO SAMPLE											
47	49		7775			2			LOST				GOOD COAL - BAD LOG
49	51		7901			2		24.7			4		
51	53		7902			2		7.4			1		
53	55		7903			2		12.1			3 1/2		
55	57	SEAM -- 5 COMPOSITE.	7904			2		7.4			1 1/2		
57	59	#7775, #7901 - 911	7905			2		9.7			2		
59	61		7906			2		20.2			2 1/2		
61	63		7907			2		8.7			1 1/2		
63	65		7908			2		25.4			2 1/2		
65	67		7909			2		16.6			7		
67	69		7910			2		12.7			3 1/2		
69	70		7911			1		15.0			5 1/2		
173	174		7912			1		63.1			2		
228	230		7913			2		28.8			1 1/2		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
230	232		7914			2		14.6			2		
232	234	SEAM - A COMPOSITE	7915			2		14.8			3 1/2		
234	236	#7913-921	7916			2		17.6			5		
236	238		7917			2		12.8			7		
238	240		7918			2		50.1			1		
240	242		7919			2		14.2			2		
242	244		7920			2		7.9			3 1/2		
244	246		7921			2		31.3			7 1/2		
246	248		7922			2		64.5			1		
248	249		7923			1		77.0			1/2		
280	282		7924			2		41.5			1		
282	284		7925			2		14.0			4 1/2		
284	286	COMPOSITE #7925, #7776-78	7776			2		29.2			3 1/2		
286	288		7777			2		14.1			1 1/2		
288	290		7778			2		19.9			2		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
290	292		7779			2		55.7			1/2		
304	306		7780			2		34.1			6		
306	308		7781			2		42.3			1		
308	310		7782			2		30.9			1		
310	312		7783			2		35.3			1 1/2		
312	314		7784			2		9.9			6 1/2		
314	316		7785			2		6.8			5		
316	318		7786			2		11.7			4		
318	320		7787			2		6.5			8		Ave. Ash. - 27.04
320	322		7788			2		47.4			1		* MAY NOT BE
322	324	COMPOSITE *	7789			2		34.4			1		REPRESENTATIVE
324	326	# 7782 - 7797	7790			2		67.9			0		COMPO. BECAUSE
326	328		7791			2		15.8			4 1/2		OF LOST SAMPLE
328	330		7792			2		11.8			7 1/2		
330	332		7793			2			LOST				GOOD COAL - RAD LOG

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
332	334		7794			2		70.8			1/2		
334	336		7795			2		15.0			1 1/2		
336	338		7796			2		14.4			6 1/2		
338	340		7797			2			LOST			CHECKED COAL RAD. LOG	
342	347		7798			5		19.5			1		
347	352		7799			5		19.4			3		
352	357	COMPOSITE #: 7798-800, 7801-02.	7800			5		12.2			2 1/2		
357	362		7801			5		11.5			1 1/2		
362	367		7802			5		21.5			1		
367	370		7803			3		60.8			1		
370	372		7804			2		38.5			1 1/2		
372	374		7805			2		51.4			1 1/2		

. COMPOSITES REQUESTED
DEC.-7, 73.

RH 244

~~DIAMOND~~ DRILL SAMPLING RECORD

315

NB WEIGHT BY FOOTAGES REPRESENTED

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
39	41		7926			2		37.3			0		
41	43		7927			2		30.8			0		
43	45		7928			2		25.3			0		
45	47	COMPOSITE #7927-32	7929			2		11.2			1		
47	49		7930			2		6.9			1		
49	51		7931			2		17.0			2 1/2		
51	53		7932			2		17.0			2 1/2		
67	69		7933			2		26.6			4 1/2		
69	71		7934			2		36.1			1		
71	73		7935			2		12.1			7		
73	75		7936			2		14.1			8		
75	77		7937			2		22.8			5 1/2		
77	79		7938			2		6.4			2 1/2		
79	81		7939			2		13.3			4 1/2		
81	83		7940			2		6.8			5		

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
83	85		7941			2		8.8			1 1/2		
85	87		7942			2		18.4			5		
87	89		7943			2		17.1			3		
89	91	~~BIS~~ AM-5 COMPOSITE	7944			2		11.0			2 1/2		
91	93	++ 7933-50, 7806-07 inclusive	7945			2		7.5			1 1/2		
93	95		7946			2		16.1			2		
95	97		7947			2		14.5			5		
97	99		7948			2		16.9			5 1/2		
99	101		7949			2		19.2			2		
101	103		7950			2		11.9			6		
103	105		7806			2		10.4			6 1/2		
105	107		7807			2		36.3			3 1/2		
122	124		7808			2		78.2			1/2		
124	126		7809			2		24.5			5 1/2		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
220	222		7810			2		32.4			1 1/2		
222	224	SEAM - 4 (PART) COMPOSITE	7811			2		11.3			3 1/2		
224	226	#7810-14 Inclusive	7812			2		9.2			1 1/2		
226	228		7813			2		18.1			4 1/2		
228	230		7814			2		31.1			1		
230	232		7815			2		75.6			1/2		
232	235		7816			3		61.9			1		
235	237		7817			2		16.7			2 1/2		
237	239		7818			2		14.4			4 1/2		
239	241	SEAM - A (PART) COMPOSITE	7819			2		13.9			3		
241	243	#7817 - 23 inclusive	7820			2		22.2			1		
243	245		7821			2		14.2			1		
245	247		7822			2		10.3			2		
247	249		7823			2		10.2			6		
249	251		7824			2		66.5			1		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
323	325		7875			2		20.1			3 1/2		
361	362		7876			1		70.1			1		
378	380		7877			2		16.8			1		
380	382	COMPOSITE #7877-80	7878			2		11.6			6 1/2		
382	384		7879			2		14.7			5 1/2		
384	386		7880			2		11.6			2		
386	388		7881			2		37.7			1		
392	394		7882			2		17.2			2 1/2		
394	396		7883			2		11.3			7		
396	398		7884			2		8.9			1 1/2		
398	400		7885			2		10.0			2 1/2		
400	402		7886			2		12.5			8		
402	404		7887			2		28.3			5		
404	406		7888			2		20.5			3		
406	408		7889			2		47.8			1		
408	410		7890			2			LOST.				HIGH ASH - COAL

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	S	FSI	REMARKS
410	412	COMPOSITE*	7891			2			LOST				GOOD COAL - RAD.LOC
412	414	SEAM-7 7892 - 7897 inclusive	7892			2			41.5			1	* MAY NOT BE
414	416		7893			2			16.5			3	TRUE REPRESENT-
416	418		7894			2			10.8			3	ATIVE COMPO. BECA
418	420		7895			2			32.2			2	OF LOST SAMPLES.
420	422		7896			2			9.2			6 1/2	
422	424		7897			2			21.2			8	
424	426		7898			2			47.0			5 1/2	
426	428		7899			2			47.4			1	
467	469		7826			2			16.0			7	
469	471		7827			2			9.0			7	
472	474		7828			2			13.6			2	
474	476		7829			2			15.9			4 1/2	
476	478		7830			2			14.4			2	
478	480		7831			2			12.5			2 1/2	

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
480	482		7832			2		15.1			3		
482	484	SEAM - 5 COMPOSITE*	7833			2		23.0			2		* ONE FOOT PARTING
484	486	*7826-39 Inclusive	7834			2		21.4			1 1/2		(471-472) EXCLUDED
486	488		7835			2		19.9			1 1/2		
488	490		7836			2		13.2			5		
490	491		7837			1		44.3			1		
491	493		7838			2		51.9			1 1/2		
493	496		7839			3		15.3			2		

COMPOSITES REQUESTED
DEC. 7, 73

RH-245

DIAMOND DRILL SAMPLING RECORD

315

NB WEIGHT BY FOOTAGES REPRESENTED

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
80	82		7840			2		17.4			7		
82	84	COMPOSITE #- 7840-42	7841			2		6.2			8 1/2		
84	86		7842			2		29.5			7		
86	88		7843			2		53.3			1		
88	90		7844			2		27.8			6		
93	95		7845			2		19.8			1 1/2		
95	97		7846			2		10.4			4		
97	99		7847			2		14.2			8		
99	101		7848			2		11.4			3		
101	103		7849			2		8.8			1		
103	105	COMPOSITE	7850			2		7.3			8 1/2		
105	107	# 7845-850, 7976-83	7976			2		11.7			3 1/2		
107	109		7977			2		44.8			5 1/2		
109	111		7978			2		14.6			5		
111	113		7979			2		25.3			3		
113	115		7980			2		10.3			7 1/2		

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
115	117		7981			2		17.2			8 1/2		
117	119		7982			2		24.6			7		
119	121		7983			2		70.9			1		
121	123		7984			2		62.6			4		
123	125		7988			2		69.2			1		
128	129		7989			1		53.1			5		
135	137		7990			2		39.6			3		
137	139		7991			2		42.3			3 1/2		
139	141		7992			2		14.9			7		
141	143		7993			2		7.7			6 1/2		
143	145		7994			2		15.4			2 1/2		
145	147		7995			2		9.6			1 1/2		
147	149		7996			2		6.2			3 1/2		
149	151		7997			2		12.2			5 1/2		
151	153		7998			2		8.2			3		

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
153	155		7949			2		9.5			3 1/2		
155	157		7951			2		19.0			1 1/2		
157	159		7952			2		8.9			2 1/2		
159	161	SEAM - 5 COMPOSITE	7953			2		17.5			1 1/2		
161	163	#1 7952 - 7959 & 7951 - 59	7954			2		30.7			3 1/2		
163	165		7955			2		11.0			3 1/2		
165	167		7956			2		15.7			6		
167	169		7957			2		19.6			4 1/2		
169	171		7958			2		20.3			2 1/2		
171	173		7959			2		27.3			3 1/2		
173	174		7960			1		44.8			1		
182	183		7961			1		54.1			1		
266	268		7962			2		73.0			1		
268	269		7963			1		72.6			1		
273	275		7964			2		60.1			1 1/2		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
275	277		7965			2		22.3			6		Average Ash for 10'
277	279		7966			2		24.8			3		30.28%
279	281	COMPOSITE	7967			2		51.5			1		
281	283	#7965-69 Inclusive.	7968			2		34.1			1 1/2		
283	285		7969			2		18.7			5 1/2		
288	290		7970			2		24.9			7 1/2		
382	384		7971			2		28.7			1		
402	404		7972			2		20.3			2 1/2		
404	406		7973			2		12.7			2		
406	408		7974			2		9.2			2 1/2		
408	410		7975			2			LOST				Crushed Coal - Bad Loss
410	412		8026			2		13.9			1		
412	414		8027			2		7.9			8		
414	416		8028			2		9.8			2 1/2		
416	418		8029			2		8.4			1 1/2		

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
418	420		8030			2		6.7			2 1/2		
420	422		8031			2		8.7			2		
422	424		8032			2			LOST				GOOD COAL - RAD LOG
424	426		8033			2		6.1			3		
426	428		8034			2		6.4			2		
428	430		8035			2		8.0			1 1/2		
430	432	SEAM-7 COMPOSITE	8036			2		10.6			3		
432	434	#1972-75, 8026-45	8037			2		8.2			7 1/2		
434	436		8038			2		12.7			8		
436	438		8039			2		13.3			7 1/2		
438	440		8040			2		13.9			4		
440	442		8041			2		14.7			1 1/2		
442	444		8042			2		43.2			1		
444	446		8043			2		24.8			1		
446	448		8044			2		19.2			1		
448	450		8045			2		18.9			1 1/2		

.COMPOSITES REQUESTED
DEC. 7, 73

RH-246

~~DIAMOND~~ DRILL SAMPLING RECORD

305

NB WEIGHT BY FOOTAGES REPRESENTED

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
20	22		8078			2		33.3			0		
22	24		8079			2		21.4			0		
24	26		8080			2			LOST			GOOD	COAL - RAD. LOG
26	28		8081			2		9.0			1/2		
28	30		8082			2		12.3			1 1/2		
30	32		8083			2		10.5			1 1/2		
32	34	SEAM-5 COMPOSITE	8084			2		17.8			1		
34	36	* 8078 - 90 Inclusive	8085			2		7.0			1/2		
36	38		8086			2		10.0			1 1/2		
38	40		8087			2		40.3			0		
40	42		8088			2		19.1			2		
42	44		8089			2		8.9			4		
44	46		8090			2		14.9			5 1/2		
46	48		8091			2		49.6			1		
59	61		8092			2		13.4			5		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
222	224		8093			2		25.4			6 1/2		
224	226		8094			2		14.8			7 1/2		
226	228	COMPOSITE #8093-097	8095			2		11.7			7		
228	230		8096			2		12.7			1 1/2		
230	232		8097			2		14.2			2 1/2		
246	248		8098			2		14.5			6		
248	250		8099			2		20.5			1		
250	252		8290			2		12.9			1 1/2		
252	254		8100			2		8.5			3 1/2		
254	256		8276			2		11.3			3		
256	258	COMPOSITE	8277			2		9.5			7		
258	260	#8098-8100, 8276-8280	8278			2		8.7			8 1/2		
260	262	and also 8290	8279			2		9.1			7		
262	264		8280			2		27.4			4		
264	266		8281			2		24.1			3		
266	268		8282			2			LOST			GOOD	COAL - ROD LOG

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
268	270		8283			2		48.1			1		
270	272		8284			2		51.4			3 1/2		
275	277		8285			2		39.1			3		
277	279		8286			2		78.6			1/2		
279	281		8287			2		35.7			2		
281	283		8288			2		33.3			4		
283	284		8289			1		74.7			1/2		

RH 247

~~DIAMOND~~ DRILL SAMPLING RECORD

315

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
160	162		847			2							
162	164		848			2							
164	166		849			2							

COMPOSITES REQUESTED.
DEC. 7, 73

RH-249

~~BLANCHE~~ DRILL SAMPLING RECORD

305

NB. WEIGHT BY FOOTAGES REPRESENTED.

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
84	86	COMPOSITE #8013-14	8013			2		12.9			7 1/2		
86	88		8014			2		8.7			7 1/2		
88	90		8015			2		65.7			1		
102	104		8016			2		23.9			1		
104	106		8017			2		17.1			7		
106	108		8018			2		8.5			6 1/2		
108	110		8019			2		7.7			3		
110	112		8020			2		8.0			7 1/2		
112	114	SEAM-7 COMPOSITE	8021			2		22.0			4		
114	116	#8016-25 & 8301-2	8022			2		16.8			5 1/2		
116	118		8023			2		30.8			1 1/2		
118	120		8024			2		14.8			2 1/2		
120	122		8025			2		7.9			6 1/2		
122	124		8301			2		10.5			8 1/2		
124	126		8302			2		13.6			8 1/2		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
185	187		8303			2		8.6			4 1/2		
187	189		8304			2		10.3			2		
189	191		8305			2		11.1			3		
191	193		8306			2		9.8			3		
193	195		8307			2		17.5			2		
195	197		8308			2		39.4			1/2		
197	199	SEAM-- 5 COMPOSITE	8309			2		17.6			2 1/2		
199	201	#8303-313 Inclusive.	8310			2		17.7			1/2		
201	203		8311			2		20.8			1		
203	205		8312			2		15.0			3		
205	207		8313			2		14.2			3 1/2		
207	209		8314			2		50.8			1 1/2		
209	211		8315			2		73.8			1/2		
211	213		8316			2		33.4			1		
213	215		8317			2			LOST.				
215	217		8318			2		58.4			1		
217	219		8319			2			LOST				

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
219	221		8320			2		43.5			1/2		
235	237		8321			2		60.5			1/2		
237	239		8322			2		22.6			1		
239	241		8323			2		9.5			7		
241	243		8324			2		12.9			4 1/2		
243	245		8325			2			LOST				GEOLOGICAL ROD LOG
245	247		8326			2		35.8			1		
247	249	COMPOSITE # 8322 – 334	8327			2		64.1			1/2		
249	251		8328			2		35.1			1		
251	253		8329			2		25.7			1		
253	255		8330			2		18.2			2		
255	257		8331			2		17.0			6		
257	259		8332			2		28.5			2 1/2		
259	261		8333			2		22.7			2		
261	263		8334			2		23.6			2		
263	265		8335			2		61.9			0		

COMPOSITES REQUESTED!
DEC. 7, 73

RH-250

DIAMOND DRILL SAMPLING RECORD

35

NB WEIGHT BY FOOTAGES REPRESENTED

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
110	112		8337			2		49.5			1		
112	114	SEAM - 2 ?	8338			2		10.6			3 1/2		
114	116	COMPOSITE # 8338-39	8339			2		23.4			7		
116	118		8340			2		70.2			1/2		
118	120		8341			2		80.1			0		
128	130		8342			2			LOST			1' - GOOD COAL BAD LOG	
130	132		8343			2		8.8			4		
132	134		8344			2		8.5			4 1/2		
134	136		8345			2		14.0			2 1/2		
136	138	SEAM - 4 COMPOSITE	8346			2		26.0			1		
138	140	# 8342 - 50 Inclusive	8347			2		17.3			1		
140	142		8348			2		55.9			1/2		
142	144		8349			2		9.4			7		
144	146		8350			2		7.9			7 1/2		
146	148		8151			2		69.9			1/2		
148	150		8152			2		37.8			2		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
150	152		8153			2		25.4			5 1/2		
152	154	SEAM - A LOWER PART.	8154			2		14.6			7 1/2		
154	156	COMPOSITE #8153-56.	8155			2		11.7			6 1/2		
156	158		8156			2		20.4			3		
158	160		8157			2		36.8			2		
160	162		8158			2		45.4			2 1/2		

Page No. 2 OF 2 Hole No. RH 250

COMPOSITES REQUESTED
DEC-7,73

NB WEIGHT BY FOOTAGES REPRESENTED.

RH-251

~~DIAMOND~~ DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
85	87		8159			2		14.9			1 1/2		
87	89		8160			2		55.5			1		
89	91		8161			2		16.0			3		
91	93		8162			2		5.5			2 1/2		
93	95		8163			2		8.0			7		
95	97		8164			2		7.8			6		
97	99		8165			2		9.5			2		
99	101	~~SE~~ AM-7 COMPOSITE	8166			2		8.4			8		
101	103	8159-72	8167			2		16.2			5 1/2		
103	105		8168			2		11.4			6 1/2		
105	107		8169			2		10.7			2 1/2		
107	109		8170			2		14.0			6 1/2		
109	111		8171			2		6.7			7 1/2		
111	113		8172			2		22.0			8		
113	115		8173			2		50.9			5		
115	117		8174			2		53.4			5		
117	119		8175			2		20.5			8		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
119	121		8376			2		55.1			4		
121	123		8377			2		64.8			1		
184	186		8378			2		30.8			2 1/2		
186	188		8379			2		18.1			5 1/2		
188	190		8380			2		7.5			8 1/2		
190	192		8381			2		17.0			2 1/2		
192	194		8382			2		14.4			2 1/2		
194	196	COMPOSITE	8383			2		7.3			2 1/2		
196	198	#8378-87	8384			2		17.9			4		
198	200		8385			2		9.1			3		
200	202		8386			2		10.5			2 1/2		
202	204		8387			2		35.6			5		

COMPOSITES REQUESTED
DEC. 7, 73

NB. WEIGHT BY FOOTAGES REPRESENTED.

RH-252

DIAMOND DRILL SAMPLING RECORD

305

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
54	56		8388			2		44.5			6		
64	66		8389			2		21.9			2		
66	68		8390			2		12.1			7		
68	70		8391			2		12.4			7 1/2		
70	72		8392			2		9.0			5		
72	74		8393			2		6.4			7		
74	76		8394			2		10.6			8		
76	78	BEAM-7 COMPOSITE	8395			2		17.8			6		
78	80	#8389-3399, 8400 & 8351	8396			2		10.5			7		
80	82		8397			2		11.3			5 1/2		
82	84		8398			2		8.5			7		
84	86		8399			2		15.9			8 1/2		
86	88		8400			2		45.0			6 1/2		
88	90		8351			2		29.0			1		
90	92		8352			2		62.7			2 1/2		
92	94		8353			2		79.4			1/2		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
144	146		8354			2			LOST				GOOD COAL - RAD. LOG.
146	148		8355			2		21.0			6 1/2		
148	150		8356			2		13.4			7		
150	152		8357			2		11.3			2		
152	154		8358			2		47.1			1/2		
154	156		8359			2		26.6			2 1/2		
156	158		8360			2		14.8			4 1/2		
158	160		8361			2		9.2			6 1/2		
160	162		8362			2		22.1			1 1/2		
162	164		8363			2		17.4			1		
164	166	SEAM-5 COMPOSITE	8364			2		12.3			3 1/2		
166	168	# 8354-75 & 8251-54	8365			2		9.1			2 1/2		
168	170		8366			2		10.3			1 1/2		
170	172		8367			2		18.0			2 1/2		
172	174		8368			2		10.3			4		
174	176		8369			2		19.8			1		
176	178		8370			2			LOST				GOOD COAL - RAD. LOG.

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
178	180		8371			2		15.1			1		
180	182		8372			2		8.2			3		
182	184		8373			2		11.0			5		
184	186		8374			2		13.2			2		
186	188		8375			2		10.6			1		
188	190		8251			2		51.5			5 1/2		
190	192		8252			2		10.7			1 1/2		
192	194		8253			2		12.6			1 1/2		
194	196		8254			2		18.7			1 1/2		

COMPOSITES REQUESTED
DEC. 7, 73

NB. WEIGHT BY FOOTAGES REPRESENTED.

RH-253

~~DIAMOND~~ DRILL SAMPLING RECORD

315

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
134	136		8255			2		45.4			1/2		
136	138		8256			2		54.4			1		
170	172		8257			2		50.1			1		
172	174		8258			2		15.8			5 1/2		
174	176	SEAM-4 COMPOSITE	8259			2		10.4			8		
176	178	#8258-60	8260			2		27.0			7		
178	180		8261			2		42.9			4		
180	182		8262			2		70.4			1/2		

(1)

DDH. 321

305

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
98.4	99.9		3001			1.5		20.2			8		
99.9	101.4		3002	0.5		1.5		5.9			8 ½		
101.4	107.4	Seam 12 Composite	3003			6.0		11.3			8		
107.4	110.0		3004			2.6		7.2			7 ½		
110.0	118.2		3005	2.7	19.8'	8.2		8.3			8		Avge. 9.8 % Ash
132.2	134.6		3006			2.4		20.6			5 ½		
134.6	138.6	Upper 11 Seam	3007			4.0		13.3			7 ½		
138.6	140.1	Composite	3008	0.5		1.4		10.2			7 ½		
140.1	142.0		3009			2.0		34.3			6		
142.0	144.5		3010			2.5		24.7			6		
						12.3		20.1					
248.0	249.0		3011			1.0		22.5			7		
251.5	253.5		3012			2.0		17.3			7		
249	251.5	Seam 11 Composite	3013	1.7		2.5		17.5			8		
253.5	255.5		3014			2.0		17.8			6 ½		
255.5	258.0		3015			2.5		9.4			8		
258	259.9		3016			1.9		37.9			7		

(2)

DDH. 321

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
259.9	262.1		3017	0.3		2.2		27.0			7		20.66% ASH FOR TOP 14
262.1	263.4		3018			1.3		42.0			6		
263.4	264.1	Seam 11 Lower Part	3019			0.7		77.6			0		26.78% ASH FOR 8.3' (Lower Part)
264.1	266.7	Composite	3020	2.0		2.6		10.3			8 1/2		
266.7	270.4		3021			3.7		23.4			7 1/2		
						22.4		~~22.45~~ 22.35					
422.0	424.9		3022	0.4		2.9		21.4			2 1/2		
424.9	427.5		3023			2.6		5.3			4 1/2		
427.5	431.0	SEAM - 9 Composite	3024	1.3		3.5		13.6			2		
431.0	433.3		3025			2.3		21.5			2		
433.3	435.6		3101	1.0		2.3		15.4			7		
435.6	438.3		3102			2.7		9.2			7		
						16.3		14.94					

(3)

D.D.H. 321

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
501.3	505.6	Seam 8 ?	3103	1.0		4.3		25.2			5		
505.6	510.3		3104			4.7		66.8			1		
						9.0		46.02					
696.5	698.5	Upper split, seam 7	3105	UP TO 0.7		2.0		33.1			4		
698.5	699.9	Shale - mdst.	3106			1.4		81.1			0		
699.9	703.5		3107			3.6		24.2			6 1/2		
703.5	704.4	SEAM - 7 Mdst.	3108	0.4		0.9		62.1			1/2		
704.4	708.0	Composite	3109			3.6		15.7			5		
708.0	711.0		3110	1.0		3.0		23.8			7		
711.0	716.4		3111	0.5		5.4		12.9			7 1/2		
716.4	724.0		3112	3.0		7.6		29.0			5 1/2		
						24.1		23.26					
802.0	804.0	Upper part seam 5 Durain	3113			2.0		27.8			6		
804.0	806.4	Durain + 0.5' mdst.	3114			2.4		34.7			5		31.56% ASH FOR 4'
806.4	808.8		3115			2.4		25.9			6 1/2		

2)

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
808.8	812.1		3116			3.3		21.4			5½		
812.1	815.3	SEAM - 5 Composite	3117			3.2		16.0			6½		19.25 % ASH FOR
815.3	817.3		3118			2.0		11.3			3½		17.5'
817.3	820.1		3119			2.8		24.8			1½		
820.1	823.9		3120			3.8		16.2			3		
823.9	824.6	Mainly shale, carbonaceous	3121			0.7		56.5			1½		
						22.6							
826.0	829.5		3122	UP TO 0.3'				43.7			3		
999.4	1004.9		3123	0.9		4.6		15.1			6½		
1004.9	1006.9		3124	0.9		4.0		5.7			4		
1006.9	1008.9		3125			2.0		8.7			6		7.44% ASH FOR 19.1
1008.9	1010.8	upper part	3076	2.1		2.8		7.7			7		
1010.8	1013.6	SEAM - 4 Composite	3077			2.8		4.4			7½		
1013.6	1016.5		3078			2.9		6.9			7		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
1016.5	1018.0	Parting?	3080	1.0	1	1.5		77.0			1/2		
1018.0	1024.0	V. Poor Recovery No Compo. requested.	3079	8.4	5.	4.0		31.7			5 1/2.		32.33% Ash For 4.8'
1024.0	1027.5		3081			3.8		33.0			5		
						28.4							

Composites Requested July 12/73

DDH-322

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
													RADIATION LOG
111.2	113.3		3031	UP TO		2.1		31.0			1		107-126
113.3	114.8		3032	2.3		1.5		21.5			4½		
114.8	117.8		3033			3.0		6.1			6		
117.8	121.0	Seam 9 Compo.	3034	1.4'		3.2		8.8			2½		
121.0	124.0		3035	2.4		3.0		26.6			1		
124.0	127.0		3036			3.0		8.1			6		
127.0	129.5		3037	UP TO 1.6'		2.5		9.2			7		
						18.3		14.8					
231.0	232.7		3075	UP TO		1.7		12.4			7		
232.7	233.95	Seam X ? Compo.	3026	1.0		1.25		46.8			1		229-233 : 245-249
233.95	235.7		3027			1.75		18.3			1		
						4.7		23.75					
238.0	240.1	Separate (P.A. + ½ S)	3028	UP TO 1.1'		2.1		33.7			5		

DDH 322

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
243.6	248.0		3029	2.4		4.4		63.4			1/2		
248.0	252.1	Separate (Prox. Anal. + %S	3030	3.6		4.1		15.0			8 1/2		
						8.5							
													RADIATION LOG
366.8	369.3		3052			2.5		31.7			2		361-362.5; 364-369
369.3	371.7		3053	0.4		2.4		10.8			5 1/2		370-376; 378-350
371.7	375.0		3054	0.3		3.3		30.8			1		& 388-392
375.0	377.4		3055	1.5		2.4		15.8			5 1/2		
377.4	380.7	Seam 7 Combo.	3056			3.3		23.8			7 1/2		
380.7	382.7		3057	0.2		2.0		26.3			1		
382.7	384.7		3058			2.0		11.6			7 1/2		
384.7	386.7		3059			2.0		13.9			8		
386.7	388.7		3060			2.0		12.8			8 1/2		
						21.9		20.66					
390.7	393.1	Seam 7 Lower Part Compo.	3061			2.4		15.0			4		
393.1	395.5		3062	0.8		2.4		21.1			7 1/2		
						4.8		18.05					

DDH 322

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
482.6	484.1		3063			1.5		23.4			2½		
484.1	485.6		3064			1.5		27.8			5½		RADIATION LOG
485.6	488.3		3065			2.7		10.4			7½		479-502; 513-515
488.3	490.2		3066			1.9		31.2			6½		
490.2	492.0		3067			1.8		7.4			5½		
492.0	494.5		3068	1.2		2.5		11.1			5		
494.5	496.7	Seam 5 Compo.	3069			2.2		12.5			6		
496.7	499.0		3070			2.3		10.0			7		
499.0	501.5		3071			2.5		42.0			2		
501.5	504.0		3072			2.5		20.4			1		
504.0	505.6		3073			1.6		22.1			5		
505.6	507.2		3074			1.6		33.2			6½		
						24.6		20.36					

DDH 322

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
517.0	519.1	Seam 5 Lower Compo.	3038			1.1		18.5			2 1/2		
518.1	519.1		3039			1.0		19.0			3		
683.4	688.0		3040	0.3		4.6		11.2			6 1/2		
688.0	693.7		3041	1.2		5.7		8.0			3		
693.7	698.0		3042			4.3		7.4			5 1/2		
698.0	702.0	Seam 4 Compo.	3043			4.0		7.6			4		* 10.32% ASH FOR UPPER 28.2 FEET.
702.0	708.0		3044	1.0		6.0		6.1			7		
708.0	711.6		3045		*	3.6		26.4			7		
711.6	716.3		3046	UP TO 1.4		4.7		39.9			2		
						32.9		14.54					

Composites Requested
July 12/73

DDH323

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
58.7	62.4		2610	58.0 0.4'	60.4' sh	1.7		29.1			2		
62.4	68.4		2611	60.4 0.1'	65.0 sh.	6.0		23.6			2		RADIATION LOG
68.4	74.4		2612	69.8 0.7	75.0 sh.	6.0		11.4			5½		58-78
74.4	75.9	Seam 9 Compo.	2613	65.0 sh	69.2 sh.	0.5		47.6			½		
75.9	79.3		2614	69.8 0.7	78.0 sh.	4.4		9.8			8		
79.3	82.0		2615	78.0 0.2'	82.0 sh.	2.7		76.0			1		
82.0	84.4		2616	82.0 sh	85.0 sh.	2.4		49.8			5		
188.0	194.0		2433	188.0 0.5'	196.5 sh.	6.0		26.1			5		186-192; 194-196 &
194.0	198.3	Seam X? Compo.	2434	196.5 1.3	203.0 sh	4.3		58.1			1½		197-203
198.3	204.7		2435	203.5 0.5	206.0 sh	6.4		20.3			7		
264.2	265.6		2436	258.0 0.3	267.0 sh.	1.4		40.1			1		
265.6	270.0		2437	267.0 0.4	270.0 sh.	4.4		26.8			4		
270.0	275.6		2438	270.0 0.3	273.4 sh	5.6		25.2			2		263-279; 281-289
275.6	280.0	Seam 7 Compo.	2439	273.4 sh	279.0 sh	4.4		22.8			6½		
280.0	281.2		2440	279.0 0.1	280.6 shale	1.2		86.8			0		

DDH-323

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
281.2	285.2	Seam 7 (Cont'd.)	2441	280.6 0.1'	284.4 sh	4.0		15.0			7½		301-305
285.2	290.1		2442	284.4 0.4'	291.0 sh	4.9		24.8			6½		
423.8	425.7		2443	421.0 0.1	422.7 sh	1.7		40.7			1½		
425.7	430.9	Seam 5 Upper Part Composite	2444	422.0 coal	431.6 sh	5.2		18.1			7½		421-445
430.9	435.8		2445	431.6 coal	436.0 sh	4.9		32.2			3		438-442 Shaley Coal
435.8	440.6		2446	438.0 coal	444.0 sh	1.8		15.0			7		
440.6	444.1	Seam 5 Lower Part Composite	2447			3.5		60.4			1		
444.1	447.2		2448	444.0 coal	448.0 sh	3.1		37.4			1½		
487.6	491.3	Separate Prox. Anal. + %S	2449	478.0 coal	482.0 sh	3.7		38.3			1½		
				482.0 0.2	490.0 sh								
622.8	628.3		2617	615.0 0.1	622.6 sh	5.5		15.8			5½		
628.3	633.3		2618	622.6 0.1	627.6 sh	5.0		10.9			5		
633.3	638.3	Seam 4 Upper Part Composite	2619	627.6 0.0	636.6 sh	5.0		8.7			4½		
638.3	643.8		2620	636.6 sh	643.0 sh	6.5		10.6			5		
643.8	649.5		2621	643.0 0.3'	648.0 sh	4.7		7.2			8		

DDH 323

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
649.5	655.0		2622	648.0 0.3	652.0 sh.	5.5		58.0			1		
655.0	659.5	} Seam 4 Lower Composite	2623	652.0 0.5	657.6 sh.	4.5		32.1			2½		
659.5	662.0		2624	657.6 0.3'	663.0 sh.	2.5		30.8			5½		

No Compos. Req'd.
July 6/73

RH-326A

~~DIAMOND~~ DRILL SAMPLING RECORD

[redacted]

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
90	92		3151			2		24.2			7		
92	94	Cashes are all	3152			2		17.0			8		
94	99	high - Sampling	3153			5		19.1			7½		RADIATION LOG.
		~~NEW~~	3157										85-107'
99	104	"12" Seam	3154			5		19.2			7½		
			3158										
104	109		3155			5		12.9			8		
			3159										
109	110		3156			1		34.1			5		
130	132		3160			2		34.7			2½		
132	134	~~"U"~~	3161			2		16.0			8½		
134	136	"U" Seam	3162			2		25.3			7		129-140'
136	138		3163			2		14.4			8		
138	142		3164			2		33.6			3		
			3165			2							

Page No. 1/2 Hole No. RH-326A

RH-326A

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
251	253		3166			2		33.6			7		
253	255		3167			2		37.9			6		
255	260		3168			5		24.7			7		
			3169										RADIATION LOG
260	265		3170			5		24.8			7½		250-261; 266-27
		"11" Seam	3171										
265	270		3172			5		39.4			5½		
			3173										
270	272		3174			2		23.7			7½		
272.5	273		3175			0.5		56.3			3		
273	277		3143			2		52.3			3		
			3145			2							

(1)

RH. 326

DO NOT USE

NO COMPOS. REQ'D
July 6/73

~~DIAMOND~~ DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
85	87	Seam 12	2776 2777			2		38.5			6		
87	89		2778 2779,80			2		22.0			7½		
89	94		2781 2782,83			5		21.7			7		
94	99		2784 86			5		10.7			7		19.9% Avge
99	101		2787 2788			2		27.7			5		
101	103		2789 91			2		9.7			8		
103	105		2792			2		60.9			3½		
105	107		2793			2		7.2			8		
111	112		2794			1		75.8			1		
128	130		2795			2		29.0			5		
130	132		2796			2		8.6			7½		
132	134		2797			2		11.9			7½		
134	136		2798			2		12.3			7		
136	138		2799			2		61.4			1		
138	139		2800			1							

Page No. Hole No.

2 (2) RH. 326

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
248	250		2826			2		49.1			←	1½	
250	252		2827			2		65.1			←	½	
252	254		2828			2		51.2			←	4½	
254	256		2829			2		35.1			3		
256	258		2830			2		13.1			7		
258	260		2831			2		4.7			8½		
260	262		2832			2		59.0			1		
262	264		2833			2		46.9			2½		
264	266		2834			2		76.1			1		
266	268		2835			2		23.3			5½		
268	270		2836			2		74.1			1		
270	272		2837			2		86.1			0		
272	274		2838			2							

Page No. Hole No.

Composites Requested July 6/73

R.H. 327

~~DO NOT USE~~

[redacted]

~~DIAMOND~~ DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
46.5	48.5		2839			2.0		16.6			6½		
48.5	50.5		2840			2.0		15.6			8.		
50.5	55.5		2841			5.0		11.4			8		
55.5	60.5		2842			5.0		20.2			7½		
60.5	62.5		2843			2.0		50.0			5		
62.5	64.5	Seam 13 Upper Part	2844			2.0		66.0			1		
64.5	66.5	Composite	2845			2.0		5.3			8		
66.5	68.5		2846			2.0		11.3			8½		
68.5	69.5		2847			1.0		69.7			1		
77.0	79.0		2848			2.0		84.0			0		
79.0	81.0	NO Compo.	2849			2.0		40.5			5		
84.0	85.0		2850 2801			1.0		24.9 60.4			7½ 2½		
163.0	165.0		2802			2.0		14.1			8		
165.0	167.0	Seam 12	2803			2.0		4.7			8		
167.0	172.0	Composite	2804			5.0		6.5			7		

RH 327

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
167.0	172.0		2805			5.0		12.4			7½		June 4
172.0	177.0		2806			5.0		7.8			8		Duplicate
172.0	177.0		2807			5.0		92.2			0		
177.0	179.0		2808			2.0		33.3			6½		
179.0	180.0		2809			1.0		92.2			0		
233.5	235.5	Seam 11 upper Composite	2814			2.0		8.7			8½		
235.5	237.5		2815			2.0		7.3			8½		
237.5	242.5		2816			5.0		16.7			8		#1 of 2
237.5	242.5		2817			5.0		36.5			3½		#2 of 2
242.5	244.5		2818			2.0		30.3			2		
320.0	322.0	Composite Seam 11 upper part	2819			2.0		18.0			8		
322.0	324.0		2820			2.0		9.3			8		
324.0	329.0		2821			5.0		27.4			6½		
334.0	336.0		2822			2.0		52.2			4½		
336.0	338.0		2823			2.0		66.3			1		

RH 327

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
338.0	339.0	Seam 11	2824			1.0		43.1			5		

Page No. 3 of 3 Hole No. RH 327

Copy to By

RH-329

~~DIAMOND~~ DRILL SAMPLING RECORD

315

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
40	42	Seam 9 COMPOSITE	2933			2		23.1			0		
			2934					19.4			2 1/2		
42	44		2935			2		22.7			0		Thickness taken as
44	49		2936			5		11.7			1		18' for Plotting logs
49	54		2937			5		6.7			1/2		
54	56		2938			2		12.1			0		
56	59		2939			4		45.7			0		
58	59		2890			1		74.6			0		
84	86		2940			2		19.8			1 1/2		
40 - 59' "OVERFLOW"		DO NOT ANALYZE THESE; STORE UNTIL FUTURE NOTIFICATION.	2891			1		67.4			1/2		
			2892					72.5			1/2		
			2893					34.8			0		

Page No. 1/1 Hole No. RH-329

Comp. Results

RH-330

315

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
29	31		2876			2		36.7			4		
32	34		2877			2		10.9			5½		
34	36		2878			2		11.1			5½		
36	41		2879			5		13.2			8		
41	46	Seam 7 Composite	2880			5		25.8			1		Footage for
46	48		2881			2							Seam
48	50	Combine into 1 Sample	2882			2		33.2			6½		
50	52		2883			2							= 36 to 63
52	54		2884			2		34.0			5½		
54	56	Combine into 1 Sample	2885			2							
56	58		2886			2							
58	60		2887			2		19.3			7½		
		SEAM-7 COMPOSITE 2877-87				28	0.3	25.0	20.7	54.0	5	0.44	
96	96.6		2888			.6		73.2			1		

Page No. 1/5 Hole No. 330

COMPOSITES REQUESTED
JULY 3/73

RH-330

~~DIAMOND~~ DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
160	162		2895			2		62.3			1		
162	164		2896			2		27.7			5		
164	169		2897			5		9.2			8		
			2898					10.7			1½		
169	174	Seam 5 Compo.	2899			5		7.7			6½		
			2900										
174	176	Combine into 1 Sample	2901			2		12.2			1		Rich. [illegible]
176	178		2902			2							Cov [illegible]
178	180	Combine into 1 Sample	2903			2		39.0			3½		= 165 to 100
180	182		2904			2							162
182	184	Combine into 1 Sample	2905			2		22.1			3		
184	186		2906			2							
186	187		2907			2							
188	190	Combine into 1 Sample	2908			2		72.6			1		
191	192		2909			1							
197	199	Combine into 1 Sample	2910			2		44.1			2		
199	201		2911			2							

RH-330

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
201	202		2912			1		27.3			4 1/2		
203	205		2913			2		47.4			2 1/2		
206	207		2914			1		66.2			1		
355	357		2941			2		52.0			0		
357	359		2942			2		23.3			0		
			2943										
359	360		2859			1							
360	361		2858			1							Sub. log cont.
361	362		2857			1							for # 4
~~362~~	~~363~~	Combine into 1 Sample	2856										= 359 to 3[illegible]
362	363		2855			1							
		Seam "4" Compo.	2854					7.9			5		
363	365		2853			2							
			2851										

Page No. 3/5 Hole No. 330

RH-330

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
365	369		2860			4							
			2861										
			2862?					8.8			5½		
			2863?										
369	371	Seam 4 Comp (Cont'd.)	2864			2							
			2865										
			2866										
371	373	Combine into 1 Sample	2867			2							
			2868										
373	375		2869			2							
			2870					11.3			6½		
375	377		2871			2							
		Combine into 1 Sample	2872										
377	379		2873			2		47.2			2		
			2874										

RH-330

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
379	381	Combine into 1 Sample	2875			2							
			2915					29.4			4		
381	383	← END Seam 4	2916			2							
383	385	COMPO. 2851-75 2915-16 COMPO. OF AM-A.	2917			24.0 2	0.3	12.9 6.4	20.9	65.9	4½ 1	0.27	
			2918										
385	387	Combine into 1 Sample	2919			2							
387	388		2920			1		61.5			1		

COMPOSITES REQUESTED
DEC. 7, 73

RH-333

~~DIAMOND~~ DRILL SAMPLING RECORD

315

NB. WEIGHT BY FOOTAGES REPRESENTED

CLODE PIT.

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
19	21		7603			2		27.0			5		
21	23		7604			2		12.6			7 1/2		
23	25		7605			2		28.1			7		
26	28		7606			2		17.3			1 1/2		
28	30		7607			2		7.4			7		
30	32		7608			2		14.5			4		
32	34	SIBWM -7 COMPOSITE	7609			2		8.2			2		
34	36	#7603 - 7615 Inclusive	7610			2		8.2			8		
36	38		7611			2		11.8			6 1/2		
38	40		7612			2		18.6			6		
40	42		7613			2		13.5			4		
42	44		7614			2		10.4			7		
44	46		7615			2		20.8			8		
88	90		7616			2		26.3			3		
90	92		7617			2		20.0			3		

CONTD

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
92	94		7618			2		5.1			6 1/2		
94	96	SEAM -5 COMPOSITE	7619			2		12.6			7 1/2		
96	98	#7616-23	7620			2		10.3			4 1/2		
98	100		7621			2		8.6			2		
100	102		7622			2		9.5			3 1/2		
102	104		7623			2		8.7			3		
108	110		7851			2		15.2			3 1/2		
110	112		7852			2		11.0			7		
112	114	SEAM - 5 LOWER PART	7853			2		31.5			1		
114	116	#7851-54	7854			2		11.8			2 1/2		
116	117		7855			1		43.0			1		
204	206	COMPOSITE MINOR SEAM	7624			2		23.4			2 1/2		
206	208	#7624-25	7625			2		9.9			2		
341	343		7856			2		14.0			2		

CONTD.

Page No. 2 OF 4 Hole No. RH 333

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
343	345		7857			2		25.2			4		
345	347		7858			2		12.4			2		
347	349		7859			2		11.3			4		
349	351		7860			2		15.0			2 1/2		
351	353		7861			2		8.1			6 1/2		
353	355		7862			2		12.3			4 1/2		
355	357		7863			2		5.8			6 1/2		
357	359	SEAM-A COMPOSITE	7864			2		9.3			6 1/2		
359	361	#7856-7874 Inclusive.	7865			2		9.3			2		
361	363		7866			2		5.7			2		
363	365		7867			2		8.9			8 1/2		
365	367		7868			2		6.8			7		
367	369		7869			2		73.1			1/2		
369	371		7870			2		12.3			7		
371	374		7871			3		7.7			7 1/2		
374	376		7872			2		8.7			7 1/2		
376	378		7873			2		28.2			3		

CONTD.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
378	380		7274			2		19.7			7		
380	382	SAMPLE BAG BROKE											
382	385		7751			3		66.0			1		

Page No. 4 OF 4 Hole No. RH 333

COMPOSITES REQUESTED
DEC 7, 73

RH 334

~~DIAMOND~~ DRILL SAMPLING RECORD

305

NB WEIGHT BY FOOTAGES REPRESENTED.

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
31	33		8291			2		12.0			5 1/2		
33	35		8292			2		14.9			8		
35	36		8293			1		39.9			7		
36	38		8294			2			LOST				← DRILLER'S REPORT COAL
38	40		8295			2		21.1			2		
40	42		8296			2		8.8			6		
42	44	SEAM - 7 COMPOSITE	8297			2		14.6			5		
44	46	#8291-300, 8101-04	8298			2		14.2			1 1/2		
46	48		8299			2		5.7			8 1/2		
48	50		8300			2		9.6			7 1/2		
50	52		8101			2		11.0			7 1/2		
52	54		8102			2		31.9			1 1/2		
54	56		8103			2		15.7			7 1/2		
56	58		8104			2		11.4			8		
58	59		8105			1		LOST.				← DRILLER'S REPORT COAL	
59	60		8106			1		42.7			6		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
111	113		8107			2		22.3			7		
113	115		8108			2		28.8			2		
115	117		8109			2			LOST				DRILLERS REPORT C
117	119		8110			2		22.7			4 1/2		
119	121		8111			2			LOST				" "
121	123	BEAM - 5 COMPOSITE	8112			2		14.1			3		
123	125	#8107 - 19 Inclusive	8113			2			LOST.				" "
125	127		8114			2		9.0			2		
127	129		8115			2		15.5			5		
129	131		8116			2		9.9			1		
131	133		8117			2		19.5			2 1/2		
133	135		8118			2		15.4			7		
135	137		8119			2		18.5			2		
137	138		8120			1		40.7			1		
140	142		8121			2		9.5			3		

1

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
185	187		8122			2		59.9			2 1/2		
188	190		8123			2		40.4			6 1/2		
366	368		8124			2		5.9			1 1/2		
368	370		8125			2		14.5			1		
370	372		8401			2		8.8			2		
372	374		8402			2		8.3			3		
374	376		8403			2		9.8			2 1/2		
376	378	SEAM - A COMPOSITE	8404			2		30.5			3		
378	380	#8124-25, 8401-8409	8405			2		8.1			7 1/2		
380	382		8406			2		8.6			7 1/2		
382	384		8407			2		22.2			6		
384	386	SHALE											
386	388		8408			2		25.1			6 1/2		
388	390		8409			2		36.5			5 1/2		
390	392		8410			2		61.3			1		
392	394		8411			2		48.8			3 1/2		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
394	396		8412			2		21.7			5 1/2		
396	398	SEAM-4 LOWER PART	8413			2		14.3			5 1/2		
398	400	COMPOSITE #8412-14	8414			2		11.9			4		
400	402		8415			2			LOST			+	DRILLERS REPORT COAL
402	404		8416			2		54.9			1		

Page No. 4 OF 4 Hole No. RH 334

FOR WASHABILITY TESTS
& SEAM COMPOSITES
Sept. 26/73

NB Weight by footages represented.

DDH 700 A

~~DIAMOND~~ DRILL SAMPLING RECORD

315

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
58.0	62.0		3088			7.0		14.3			2		
62.0	72.5	incl. 3' parting	3089	0.1		7.5		43.9			2½		
72.5	77.8	"F"	3090	0.8		5.3		21.7			6		
77.8	79.9	SEAM COMPOSITE	3091	0.1		2.1		63.5			1½		
79.9	83.0		3092			3.1		20.0			7		
83.0	87.5	Lower "F"	3093			4.5		42.1			3½		
87.5	89.4	COMPOSITE	3094			1.9		34.3			5		
93.6	97.6	SEPARATE	3095			4.0		19.2			6½		
118.4	121.4	SEPARATE	3096			3.0		30.7			5		
158.0	161.6	"	3097	0.5		3.6		25.0			6½		
349.0	354.0		2207			5.0		18.5			7		
354.0	359.0		2208			5.0		20.6			7½		
359.0	360.5		2209	0.7		1.5		71.8			1		
360.5	365.1		2210			4.6		21.7			6½		
365.1	367.8		2211	0.1		3.7		19.0			7		
367.8	368.6		2212	0.2		0.8		68.6			3		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
368.6	371.8		2213	0.2		3.2		20.6			3		
371.8	374.3	Lower part "E"	2214	0.1		2.5		51.8			5		
374.3	377.0	COMPOSITE	2215			2.7		37.9			7		
385.7	389.5		2216			3.8		12.8			2½		
389.5	394.4	"E" Lower Seam	2217			4.9		16.7			7½		
394.4	399.1	COMPOSITE	2218			4.7		22.4			7		
454.6	457.6		2219			3.0		25.3			6½		
457.6	462.4		2220			4.8		13.4			7½		
462.4	468.0	" "	2221			5.6		8.7			4½		
468.0	473.0	SEAM D	2222			5.0		10.5			3½		
473.0	478.0	COMPOSITE	2223			5.0		15.3			6½		
478.0	482.6		2224	0.4		4.6		12.9			3½		
482.6	485.9	SEPARATE, HI-ASH	2225			3.3		37.8			1		
		P.A. ONLY											

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
538.0	541.2	SEPARATE, "D" Lower 1	3047			3.2		32.0			4		
546.5	550.6	COMPOSITE {	3048			4.1		16.7			3		
550.6	553.5	"D" Lower 2 {	3049			3.9		21.1			3½		
648.3	653.0	N	2480			4.7		82.7			0		
653.0	657.0	O	2481			4.0		62.9			1		
657.0	660.0	COMPO.	2482			3.0		60.4			1		
660.0	664.0		2483			4.0		49.1			2		

FOR WASHABILITY TESTS
& SEAM COMPOSITES
Sept. 26/73

NB Weight by footages represented.

D.D.H. 701

DIAMOND DRILL SAMPLING RECORD

315

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
47.3	48.6		2276			1.3		30.7			3½		
48.6	53.0		2277			4.4		10.0			7		
53.0	58.0	COMPOSITE "I" Seam	2278			5.0		2.9			8		
58.0	61.0		2279			3.0		10.3			8		
61.0	63.0	2276-79 COMPOSITE Carb. Shale	2280			13.7 2.0	0.5	9.8 40.3	29.3	60.4	7½ 8½	0.54	
63.0	65.5	COMPOSITE —	2281			2.5		44.4			2		
		2280-81 COMPOSITE				4.5	0.4	42.3	20.6	36.7	3	0.50	
230.4	234.8		2282			4.4		14.9			7		
234.8	238.5	SEAM "H"	2283			3.7		9.4			8		
238.5	242.5	COMPOSITE	2284			4.0		10.0			8		
242.5	247.4		2285			4.9		5.4			8		
		2282-2285 COMPOSITE				17.0	0.4	9.7	28.6	61.3	7	0.77	
274.1	277.2	SEPARATE	2286			3.1		7.0			9		
		2286 P.A. + % S + FSI				3.1	0.4	6.7	31.5	61.4	9	0.44	
378.6	382.0	SEPARATE	2287			3.4		7.1			8		
		2287 PA + % S FSI				3.4	0.4	6.9	22.4	64.3	7½	0.65	
386.0	390.0		2288			4.0		20.4					
390.0	394.0	COMPOSITE "G" SEAM	2289			4.0		22.5			7		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
398.2	400.1		2290			1.9		23.2			3		
458.1	461.6		2291			3.5		22.4			5½		
		2288-91 COMPOSITE					0.4	22.4	24.9	52.3	7	0.43	
625.6	628.0		2292			2.4		8.5			8		
628.0	632.7	UPPER "F"	2293			4.7		8.6			7		
632.7	637.3	COMPOSITE	2294			4.6		25.6			4		
		2292-94 COMPOSITE											
641.0	646.0	LOWER "F"	2295			11.7 5.0	0.4	15.5 13.0	24.4	59.7	7 6½	0.55	
646.0	651.0	COMPOSITE	2296			5.0		18.4			6		
		2295-94 COMPOSITE.											
637.3	640.0	SHALE	2297			10.0 2.0	0.4	15.8 83.6	23.0	60.8	5½ ½	0.46	
640.0	641.0	"	2298			1.0		85.3			0		
651.0	652.8	Carb. Shale	2299			1.8		36.9			3½		
652.8	653.3	Shale	2300			0.5		70.5			1		
386.	394	Composite # 2288-90					0.5	21.4	25.3	52.8	5½	0.52	
398.2	400	Received Oct. 31, 73.											

FOR WASHABILITY TESTS
& SEAM COMPOSITES
Sept. 26/73

NB Weight by footages represented

DDH- 702

DIAMOND DRILL SAMPLING RECORD

315

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
145.4	148.9		2484			3.5		16.1			8		
148.9	151.1		2485			2.2		47.4			5		
151.1	155.8	COMPOSITE	2486			4.7		10.0			8½		
155.8	160.2	"H" SEAM	2487			4.4		7.2			9		
160.2	164.4		2488			4.2		5.9			9		
		2484-88 COMPOSITE				19.0	0.5	13.4	29.4	56.7	8	0.43	
166.3	170.1	SEPARATE	2489			3.8		46.5			4		
		2489 PARTICS, FSE				3.8	0.5	46.4	20.2	32.7	4½	0.45	
178.2	182.0	SEPARATE	2490			3.8		14.7			8½		
		2490 PARTICS, FSE					0.5	14.0	31.3	54.2	7½	0.57	
182.0	182.6		2492			0.6		64.5			1		
246.0	250.8	SEPARATE	2491			4.8		9.0			8		
		2491 PARTICS + FSE					0.4	8.3	27.3	63.3	7	0.73	
264.1	270.0		2493			5.9		14.8			8		
270.0	275.4		2494			5.4		16.4			8		
275.4	276.1	COMPOSITE	2495			0.7		80.4			0		
276.1	278.5	"G" Lower	2496			2.4		21.1			3½		
		2493-96 COMPOSITE				14.4	0.5	19.9	21.8	52.8	7	0.56	

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
326.1	329.9	SEPARATE	2497			3.3		29.3			3 1/2		
		2497 PA + 1/2 F SE				3.3	0.5	29.1	22.4	48.0	3 1/2	0.43	
598.0	602.7		2498			4.7		51.6			2		
602.7	604.4		2499			1.7		81.1			0		
604.4	608.7		2500			4.3		13.9			6 1/2		
608.7	613.3		4119			4.6		18.8			5		
613.3	615.0	SEAM "F" COMPOSITE	4120			1.7		77.3			1/2		
615.0	618.2		4121			3.2		26.5			6 1/2		
		2500, 4119-21 COMPOSITE				13.8	0.15	27.2	21.3	51.0	4	0.34	

Page No. 2 of 2 Hole No. DDH-702

FOR WASHABILITY TESTS
& SEAM COMPOSITES
Sept. 26/73

NB Weight by footages represented.

DDH- 703

DIAMOND DRILL SAMPLING RECORD

315

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
28.8	32.9	SEPARATE —	4122			4.1		29.1			6		
		4123 P.A. 49.5, FSI											
47.3	50.7		4123			3.4	0.5	28.9	27.6	42.4	2½	0.54	* 4123 SAMPLE
50.7	56.9	COMPOSITE "G" upper	4124			6.2		11.3			7½		
		4123-24 COMPOSITE				9.4	0.5	20.2	23.3	56.0	6	0.46	
116.5	121.4		4125			4.9		34.9			1½		
121.4	123.3	COMPOSITE "G" lower	4241			1.9		80.1			0		
123.3	128.5		4242			5.2		10.4			8½		
		4241-42, 41.25 COMPOSITE											
128.5	130.0	Parting	4243			12.0 1.5	0.8	24.2 76.1	22.8	52.2	3½ 1½	0.59	
130.0	132.0	Coal COMPOSITE	4244			2.0		20.8			2½		
		4243-4244 COMPOSITE				3.5	0.4	45.1	19.5	35.0	4	0.42	
174.0	178.0	SEPARATE	4245			4.0		17.0			8		
		4245 P.A. 49.5, FSI					0.3	16.7	24.8	58.2	7½	0.13	
226.0	232.2	SEPARATE	4246			6.2		17.4			8		
		4246 P.A. 49.5, FSI					0.3	17.1	24.6	58.0	8	3.0	
333.0	338.0		4247			5.0		12.1			7		
338.0	342.0		4248			4.0		18.3			5		
342.0	347.0	COMPOSITE "F" SEAM	4249			5.0		12.4			6		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
347.0	350.8		4752			3.8		26.8			6 1/2		
350.8	352.0		4751			1.2		76.6			0		
352.0	358.9		4753			6.9		13.1			7 1/2		
		4247-49, 4751-53 COMPOSITE	SEAM "E"			25.3	0.3	18.5	22.7	58.5	4 1/2	0.35	
413.3	417.5	SEPARATE	4754			4.2		20.9			7		
		4754 P.A. + 9.5, FSI					0.7	23.5	21.8	54.0	6 1/2	0.21	
646.5	655.5		4755			9.0		18.4			7 1/2		
655.5	656.9		4756			1.4		16.4			1		
656.9	662.0	COMPOSITE	4757			5.1		10.2			7 1/2		
662.0	668.0	"E" Upper	4758			6.0		15.9			6 1/2		
668.0	672.2		4759			4.2		37.7			7		
672.2	676.5	4755-4759 COMPOSITE PARTING	4760			25.7 4.3	0.4	22.4 82.3	21.9	55.1	7 0	0.30	
676.5	682.3		4761			5.8		10.8			8		
682.3	687.0	COMPOSITE	4762			4.7		24.0			4 1/2		
687.0	692.0	"E" Lower	4763			5.0		12.8			8		
		4761-63 COMPOSITE				15.5	0.5	15.8	23.1	60.4	7 1/2	0.25	

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
754.0	758.0		4764			4.0		30.9			3 1/2		
758.0	765.0		4765			7.0		11.2			2		
765.0	770.0		4766			5.0		15.7			4 1/2		
770.0	771.0	COMPOSITE	4767			1.0		34.9			1 1/2		
771.0	776.6	"D" SEAM	4768			5.6		17.0			2 1/2		
776.6	779.2		4769			2.6		24.0			3 1/2		
		4764-69 COMPOSITE				25.2	0.4	18.7	19.9	60.8	2	0.22	
792.1	795.0	"D" Lower 1 Separate -	4770			2.9		27.0			3		
		4770 D.A + % S, FSI					0.4	27.2	17.0	55.2	2 1/2	0.42	
811.0	815.7		4771			4.7		15.1			4		
815.7	816.3	"D" Lower 2	4772			0.6		23.2			1		
816.3	820.0	COMPO.	4773			3.7		28.3			1		
		4771-73 COMPOSITE				9.0	0.4	20.5	17.8	61.1	1	0.40	
922.5	924.0	"B" COMPO.	4774			1.5		13.9			5		
924.0	929.0		4775			5.0		14.8			5		
		4774-75 COMPOSITE				6.5	0.7	14.7	21.6	6.3	3 1/2	0.25	

FOR WASHABILITY TESTS & SEAM COMPOS. (PROX. ANAL. +% S, FSI)
Sept. 26/73

DDH 704

DIAMOND DRILL SAMPLING RECORD

315

→ Weight by footages represented.

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
18.0	19.5		4376			1.5		23.5			4 1/2		
22.9	25.8		4377			2.9		36.6			1 1/2		
25.8	28.1	COMPOSITE	4378			2.3		23.5			7 1/2		
30.0	31.2	MINOR SEAM	4379			1.2		20.0			2		
		4376 - 79 COMPOSITE				7.9	0.7	22.1	27.3	43.9	3 1/2	0.65	3.4' & 1.9' PARTING EXCLUDED
69.2	70.2		4380			1.0		29.4			5		
70.2	74.9	COMPOSITE	4381	0.2		4.7		8.9			8		
		4380 - 81 COMPOSITE				5.7	0.4	17.5	26.1	56.0	7 1/2	0.75	
144.0	148.6	SEPARATE	4382			4.6		12.3			5 1/2		
		4382 P.A. +%S FSI					0.5	11.9	27.0	60.6	6 1/2	0.95	
243.6	250.0		4383	0.2		6.4		11.9			6		
250.0	256.5		4384			6.5		20.7			5 1/2		
256.5	259.0	COMPOSITE	4385			2.5		26.0			7		
259.0	262.9	"F" Seam	4386	0.9		3.9		24.1			6		
262.9	266.6		4387			3.7		21.0			7		
		4383 - 87 COMPOSITE				23.0	0.5	20.1	22.5	56.9	4 1/2	0.35	
280.0	282.0		4388			2.0		48.2			1 1/2		
286.0	288.6	SEPARATE	4389			2.6		25.7			7 1/2		
		4389 P.A. +%S, FSI					0.4	24.6	21.2	53.8	6	0.53	

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
320.2	324.4	SEPARATE —	4390			4.2		37.2			4		
		4390				—	0.4	39.0	20.0	40.6	3	0.74	
540.8	545.0		4391			4.2		44.8			5 1/2		
545.0	547.0		4392	0.9		2.0		33.7			3 1/2		
547.0	553.0		4393			6.0		11.3			8		
553.0	558.0		4394	1.4		5.0		17.6			7 1/2		
558.0	562.4	COMPOSITE	4395			4.4		50.8			4		
562.4	569.0	"E" Seam	4396			6.6		18.3			5		
569.0	574.7		4397	0.4		5.7		17.8			7		
574.7	577.9		4398			3.2		26.4			7 1/2		
		4391-98 COMPOSITE				37.1	0.4	31.4	20.2	47.83	5 1/2	0.28	
659.0	664.5		4399			5.5		19.4			6 1/2		
664.5	670.0		4400			5.5		7.0			7 1/2		
670.0	676.9		5151			6.9		9.7			5 1/2		
676.9	681.3	COMPOSITE	5156			4.4		16.0			1 1/2		
681.3	684.0	"D"	5152			2.7		13.3			3 1/2		
684.0	687.6		5153			3.6		9.7			6 1/2		
		4399-4400, 5151-53, 5156. COMPOSITE				28.4	0.3	11.5	19.8	68.4	3 1/2	0.26	

 Hole No. DDH-704

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
692.0	693.7	COMPOSITE "D" LOWER 1	5154	2.3		1.7		42.8			1/2		
693.7	698.0		5155			4.3		17.6			3		
		5154-55 COMPOSITE				6.0	0.3	25.4	21.7	52.6	1	0.34	
711.8	716.3	COMPOSITE "D" LOWER 2	5157			4.5		18.3			2		
716.3	718.0		5158			1.7		15.3			2 1/2		
		5157-58 COMPOSITE				6.2	0.4	17.3	19.9	62.4	2	0.47	
816.9	821.5	COMPOSITE "B"	5159			4.6		10.4			6 1/2		
821.5	824.6		5160			3.1		8.4			7 1/2		
824.6	830.0		5161	3.0		5.4		20.0			3 1/2		
830.0	832.5		5162			2.5		4.2			6 1/2		
832.5	837.0		5163			4.5		5.4			8 1/2		
837.0	842.0		5164			5.0		7.3			6 1/2		
842.0	848.0		5165			6.0		10.2			2 1/2		
848.0	851.3		5166			3.3		13.9			3 1/2		
		5159-66 COMPOSITE				34.4	0.3	22.7	21.3	55.7	4 1/2	0.26	

FOR WASHABILITIES & COMPOSITE
PROX. ANAL. + % S, F.S.I.
Sept. 26/73

DDH 705

DIAMOND DRILL SAMPLING RECORD

NB ⇒ Weight by footages represented.

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
21.5	26.2	SEPARATE, P.A. + % S	5167	0.5		4.7		5.8			8		
118.0	120.2	5167 COMPOSITE {	5168			4.7 2.2	0.6	5.7 34.8	27.1	66.4	7 1/2 5	0.25	
120.2	124.0		5169			3.8		6.7			8		
		COMPOSITE 5168-69				6.0	0.5	18.3	24.5	56.7	6 1/2	0.64	
179.4	184.5	SEPARATE, P.A. + % S	5170	0.7				23.9			7		
		P.A. + % S, FSI 5170				5.1	0.6	24.2	22.1	53.1	8	1.70	
266.9	268.5		5171	0.3		1.6		25.5			5 1/2		
268.5	273.0		5172			4.5		8.8			2 1/2		
273.0	276.7	COMPOSITE	5173	1.1		3.7		14.4			6 1/2		
276.7	280.7	("F" Seam)	5174			4.0		11.4			8		
280.7	284.5		5175			3.8		18.5			6 1/2		
284.5	286.3		5226			1.8		15.0			7 1/2		
		5171-75, 5226 COMPOSITE				19.4	0.5	14.6	23.0	61.9	7 1/2	0.33	
305.7	308.0	SEPARATE	5227			2.3		25.6			6		
		5227 P.A. + % S FSI				2.3	0.5	26.8	21.0	51.7	4 1/2	0.52	
587.5	589.5	COMPOSITE	5228			2.0		36.5			7		
589.5	593.6	("E" Seam	5229			4.1		13.4			6 1/2		

5228-5234 incl.

 Hole No. DDH-705

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
593.6	598.0		5230	0.1		4.4		17.0			7 1/2		
598.0	602.0		5231			4.0		29.3			5 1/2		
602.0	606.9		5232	0.4		4.9		19.8			5		
606.9	610.0		5233			3.1		9.7			7		
610.0	615.0		5234			5.0		27.9			4		
615.0	617.3	5228 - 34 COMPOSITE	5235	0.7		2.3	0.4	23.0 79.4	23.4	53.2	5 0	0.29	
617.3	619.5		5236					75.9			0		
619.5	623.3		5237					88.3			0		
678.3	682.0		5238	0.5		3.7		28.6			6 1/2		
682.0	685.6		5239			3.6		16.2			7 1/2		
685.6	689.0		5240			3.4		8.8			5 1/2		
689.0	694.7	COMPOSITE	5241			5.7		9.2			5 1/2		
694.7	699.0	"D"	5242			4.3		12.5			3 1/2		
699.0	703.5		5243			4.5		16.5			4		
703.5	706.7		5244			3.2		13.9			6		
706.7	708.9	5238 - 44 COMPOSITE	5245			2.2	0.4	15.0 84.5	20.6	64.0	4 0	0.19	

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
708.9	717.8		5246					29.1			3		
834.5	838	"B"	5137			3.5'		22.4			2		
838	843	COMPOSITE when analyses reported for sections	5138			5.0'		10.4			7		

Page No. 3 of 3 Hole No. DDH-705

PROX. ANAL. + % S, & F.S.I.
wt. indiv. sections by footage represented.
Weighted → Composites Requested
July 19/73.

RH 707

~~DIAMOND~~ DRILL SAMPLING RECORD

305

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
25	27	Shale	2726			2		56.8			0		May be missing
26	29		2727			1		30.2			0		28-39 rad. log
29	31		2728			2		22.8			0		
31	32		2729			1		36.2			1		
34	36	Composite	2730			2		26.1			4½		
36	38	partly oxidized, high ash.	2731			2		37.2			7		
39	40		2732			1		40.7			5½		
		#1 Composite "E" COMPOSITE 2727-32				9	1.8	33.9	22.0	42.3	1½	0.57	2' & 1' PARTINGS NOT INCLUDED
263	265		3551			2		11.8			6½		log
265	267	#2 Composite, incl. 3' shale	3552			2		7.0			6		
267	272	coarse	3553			5		6.5			7½		
267	272	fine	3554										
272	277	coarse SEAM "E" Coal + 3' sh.	3555			5		48.0			1½		275 to 279 = pyrite
272	277	fine	3556										
277	278	Shale COMPOSITE 3551-57	3557			1	0.4	75.4	21.6	60.0	5½	0.51	
278	280		3558			2		9.4			2		
280	282		3559			2		8.4			5		

RH 707

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
282	287	coarse } Lower E Compo.	3560			5		16.2			6 1/2		286 to 288 = partings
282	287	fine	3561										?
287	289	Shale. COMPOSITE 3560-61	3562			5 2	0.4	16.3 63.1	23.4	59.9	4 1/2 1	0.29.	?
289	291		3563			2		25.3			4		
291	293	Composite Lower Lower E	3564			2		31.2			5		
293	294		3565			1		32.6			4		
294.0	294.5	COMPOSITE 3563-65	3566			5 0.5	0.4	29.7 39.7	21.4	48.5	4 1/2 3 1/2	0.32	
294.5	300	Coarse } Shale	3567			5.5		60.8			1		297' log
294.5	300	fine	3569			-							297' to 303 = rock
300.0	300.5		3568			0.5		84.0			0		
304	306		3570			2		50.6			2 1/2		305 to 3[illegible] = rock
306	308		3571			2		72.1			1/2		
315	316		3572			1		66.8			1		315 to 327 = rock
329	331	} MINOR SEAM COMPO.	3573			2		18.2			5 1/2		327-333 minor
331	333		3574			2		27.6			7		
333	335	Shale COMPOSITE 3573-74	3575			4 2	0.4	30.6 65.3	22.1	54.5	6 1 1/2	0.44.	
335	337	"	2733			2		77.6			1/2		

RH 707

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
337	339	Shale	2734			2		78.1			½		
349	351	"	2735			2		69.8			1		
351	353	"	2736			2		62.4			1½		
394	396		2737			2		33.2			7		log 393'
396	398	" "	2738			2		18.7			3		
398	403	A } D COMPOSITE	2739			5		20.2			3		
398	403	B	2740										
403	405	SEAM "D"	2741			2		20.6			2½		
406	408	COMPOSITE 2737-41	2742			11.0 2	0.4	22.6 58.6	21.7	55.3	3 1½	0.39	407-410 = rock
408	410	Mnly. Rx.	2743			2		74.5			½		
410	412		2744			2		50.7			1		
412	417	A } Lower "D" Compo.	2745			5		35.4			2		
412	417	B	2746										417' log
		COMPOSITE 2745-46				5	0.4	35.0	18.5	46.1	2	0.45	

Page No. 3/3 Hole No. RH 707

COMPOSITES REQUESTED
JULY 24/73

NB Composites from indiv. sections weighted by footages represented.

RH 709

~~DIAMOND~~ DRILL SAMPLING RECORD

315

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
60	62		3592			2		34.8			4 1/2		
62	64		3593			2		5.5			8		
64	66		3594			2		3.6			8 1/2		
66	68	SEAM - "I"	3595			2		2.5			8		
68	70	COMPOSITE	3596			2		3.1			8 1/2		
70	72		3597			2		6.0			8 1/2		
72	74	SEAM - I COMPOSITE 3593 - 3597	~~3598~~			12.0 2	0.2	4.5 54.5	30.6	64.7	8 2 1/2	0.49	
74	76	NO	3599			2		54.7			2		75 to 77 = parting
76	78		3600			2		55.8			1 1/2		
78	80	COMPO.	3601			2		71.7			0		
80	82		3602			2		72.7			0		
82	84		3603			2		71.1			1		
92	94		3604			2		39.1			6 1/2		
112	114	REQ'D	3605			2		68.9			1		
114	116		3606			2		82.9			0		
116	117		3607			1		84.2			0		

RH 709

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
211	213	212	3608			2		17.7		–	7½		
213	215		3609			2		12.3			8½		
215	220	A SEAM "H"	3610			5		12.7			8½		
215	220	B COMPOSITE	3611										
220	225	A	3612			5		7.3			8		
220	225	B	3613										
225	228.5	230	3614			3.5		49.8			3½		
246	248	SEAM – H COMPOSITE	3615			14.0 2	0.1	11.8 79.6	29.1	59.0	7½ 0	0.41	~~MATH WT. AVE - 19.1~~ 361A - SAMPLE EXCLUDED.
255	257	255 LOWER H	3616			2		18.0			8		
257	259	259.5 COMPO.	3617			2		49.8			3½		
295	297	296 298 Separate P.A. + % S & FSI	3618			2		34.3			4		
		LOWER H COMPOSITE					0.1	40.4	25.9	33.4	6	0.58	
361	363		3619			2		41.2			5½		
363	365		3620			2		13.4			8		
365	367	– Shale	3621			2		67.8			1		
367	369	SEAM "G"	3622			2		51.8			3½		366 - 67 = partin
369	371	COMPOSITE	3623			2		25.4			7½		

RH 709

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
371	373		3624			2		15.1			7 1/2		
373	375		3625			2		21.3			7 1/2		
375	376		3626			1		51.7			5		
		SEAM C COMPOSITE 3610-25				14	0.1	33.3	22.8	43.8	7	0.34	

Page No. 3/3 Hole No. RH709

N.B. comps. from individual sections weighted by footage represented.

prelim. assays incomp. Sept. 26/73

315

RH 711

~~DIAMOND~~ DRILL SAMPLING RECORD

COMPOSITES REQUESTED Oct. 10/73

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
20	22	6	3759			2		50.0			2		19-21 = [illegible]
22	24		3760			2							
24	25	24 " H " Seam	3761			1		81.7			0		
39	41	40 "H" LOWER	3762			2		9.7			8		
41	43	COMPOSITE	3763			2		10.2			8 1/2		
47	49	45 COMPOSITE 3762-63	3764		6	4 2	0.4	9.7 59.0	31.4	53.5	2 1 1/2	0.71	
97	99		3765			2		69.4			1 1/2		
100	102	101 * NFG	3766			2		46.4			3 1/2		
102	104	103	3767			2		69.8			0		
117	119	117 "Gu" Seam Composite	3768			2		42.7			4		
119	121	121	3769			2		40.1			6		
131	133	131 COMPOSITE 3768-69	3770			4 2	0.5	40.8 9.4	19.7	39.0	5 1/2 7 1/2	0.49	
133	135		3771			2		29.1			6 1/2		
135	140	A "GL" Seam	3772			5		8.3			8		
135	140	B COMPO.	3773										
140	141		3774			1		82.4			0		
		SEAM GL COMPOSITE 3770-73				9	0.5	12.9	26.0	60.6	8	0.67	141-166 = [illegible]

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
166	168	"G" LOWER PART	3651			2		14.7			8		
168	170	COMPOSITE	3652			2		13.6			7½		
170	175	A	3657			5		21.5			7½		
170	175	B SEAM GL-PART	3658										
175	180	A COMPOSITE	3651-52, 57-58 3659			5 5	0.5	18.4 43.9	27.0	54.1	7½ 3½	0.64	
175	180	B	3660										178 to 111 = [illegible]
228	230	121 MINOR SEAM SEPARATE COMPO.	3661			2		21.3			7		
230	232		3662			2							
351	353	COMPOSITE	3661-62 3663			4 2	0.4	23.2 78.8	24.3	52.1	6½ ½	0.64	
353	355	NO	3664			2		85.7			0		
355	356		3665			1		84.9			0		
377	379	COMPO.	3666			2		86.4			0		
379	381		3667			2		80.2			0		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
381	382		3668			1		88.2			0		
385	387	385 SEPARATE COMPOSITE	3669			2		19.5			7 1/2		
387	389	A coarse	3670			2		76.9			1/2		
387	389	B fines 389	3671										
		COMPOSITE 3669-71				4	0.4	47.0	18.1	34.5	4	0.59	
498	500	499 501	3673			2							
500	502		3674			2		59.9			2		501 to 503 = parting
502	507	503	3675			5							
507	509		3676			2							
509	511		3677			2		26.6			5 1/2		
511	513	F Seam	3678			2							512 to 513 = parting
513	515		3679			2		37.2			8 1/2		
515	517		3680			2							516 to 517 = parting
517	519		3681			2		58.8			1		
519	521		3682			2		69.2			1		
521	523		3683			2		65.6			1		524 to 526 = parting
523	525		3684			2		41.4			4 1/2		

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
525	527	"J" Seam	3685			2							
527	531		3686			4							
		532											

COMPOSITES REQUESTED
AUG 20th / 1973

N.B. Compo. from indiv. sections weighted by footage represented.

RH-716

~~DIAMOND~~ DRILL SAMPLING RECORD

315

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
69	71		3402			2'		73.9			1		
71	73		3403			2'		44.8			1½		
73	75	73	3404			2'		9.8			5		
75	77		3405			2'							
77	79		3406			2'		8.7			6		
79	81		3407			2'		29.9			7		
81	83	A	3408			2'							81 [illegible] parting
81	83	B "E" Seam	3409					53.7			1		
83	85	A	3410			2'							
83	85	B composite, 73'-121'	3411					9.7			6½		
85	87	A	3412			2'		15.5			7		
85	87	B	3413										
87	89	A	3414			2'		54.4			1		[illegible] parting
87	89	B	3415										
89	91	A	3416			2'		30.1			5½		
89	91	B	3417										

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
91	93	A	3418			2'		26.5			6½		
91	93	B	3419										
93	95	A	3420			2'		48.5			1		92 to 93 = parting
93	95	B	3421										
95	97	A	3422			2'		14.4			1		
95	97	B "F" Seam	3423										
97	99	A	3424			2'		4.6			2½		
97	99	B	3425										
99	101	A	3526			2'		6.6			5		
99	101	B	3527										
101	103	A	3528			2'		8.2			6½		
101	103	B	3529										
103	105	A	3530			2'		8.1			8		
103	105	B	3531										
105	107	A	3532			2		10.1			6½		
105	107	B	3533										

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
107	109	A	3534			2'		17.5			6½		
107	109	B	3535										
109	111		3536			2'		34.9			4½		
111	113	A	3537			2'		48.7			2		
111	113	B	3538										111 to 114 = roofing
113	115	A	3539			2'		34.6			3½		
113	115	B "E" Seam	3540										
115	117	A	3541			2'		11.0			6½		
115	117	B	3542										
117	119	A	3543			2'		32.3			6½		
117	119	B	3544										
119	121	A	3545			2'		29.5			4½		
119	121	B	3546										
121	123		3547			2'		11.3			7½		
123	125		3548			2'		33.2			3½		
125	127		3549			2'		21.0			5½		
127	129		3550			2'		31.6			5		

RH. 716.

E Seam calc average = 23.6% ash
3404 – 3451

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
129	131		3451			2.0		15.6			6½		
131	133		3452			2.0		41.8			5		
133	136	134	3453			3.0		85.0			0		
136	139	A	3454			3.0		69.5			1		134 to 137.5 = rock
136	139	B	3455			3.0							
139	141	138.5 140.5	3456			2.0		81.6			0		
		SEAM-E (3404-25, 26-x-50 & 3451)				58'	0.7	25.5	26.4	53.4	3½	0.37	
201	203	201.5	3457			2.0		38.9			3½		
203	205	composite #3457–3459 and individual for #3458	3458			2.0		9.5			8		
205	207		3459			2.0		35.7			6½		
207	209	209	3460			2.0		81.4			½		
		COMPOSITE (3457-59)				6.0	0.6	28.5	21.2	49.7	5½	0.12	
243	245		3461			2.0		72.1			1		
245	247		3462			2.0		15.1			4		
247	249	"D" Seam composite	3463			2.0		25.5			3½		
249	251		3464			2.0		23.5			7		
251	253		3465			2.0		72.4			1		252 to 264 rock
		SEAM-D COMPOSITE (3462-64)				6.0	0.5	21.8	21.3	56.4	4½	0.52	

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
263	265		3466			2.0		76.0			½		
265	268	"D" Seam composite	3467			3.0		22.0			5½		266 to 268 parting
268	271		3468			3.0		49.8			1		
		274 COMPOSITE (3467 to 68)				6.0	0.6	36.2	16.9	46.3	2	0.41	
406	408	405	3469			2.0		18.0			7½		
408	410	composite	3470			2.0		34.0			1½		
410	412	"B" Seam	3471			2.0		13.2			7½		
412	414		3472			2.0		48.7			4½		
414	416	414	3473			2.0		61.2			4		
416	418		3474			2.0		72.8			0		
		VOID											
		SEAM-B COMPOSITE (3469-71)				6.0	0.5	22.9	22.4	54.2	5	0.44	

 Hole No. RH 716

Composite Requested
Aug 21/1973
N.B: composites from under section weighted by footages represented.

RH 719

~~DIAMOND~~ DRILL SAMPLING RECORD

315

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
62	65	60 composite	4259			3		16.6			7		
65	66		4261			1		30.2			6½		65 to 69 [illegible]
		COMPOSITE 4259-61				A	1.4	23.4	25.0	50.2	7½	0.33	
69	71		4262			2		10.5			8½		
71	73	A	4263			2		14.6			8		
71	73	B	4264										
73	75	A "H" Seam	4265			2		16.7			7		
73	75	B	4266										
73	75	C	4267										
75	77	A composite	4268			2		10.7			7½		
75	77	B main band	4269										
77	79	A "H"	4270			2		19.4			7½		
77	79	B	4271										
77	79	C	4272										
79	81	A	4273			2		17.3			7½		
79	81	B	4274										
79	81	C.	4275										
		COMPOSITE 4262-75				12	1.5	19.3	25.8	53.4	7½	0.31	

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
81	83		4126			2							
83	85		4127			2		34.7			6		83 to 90.5 = parting
85	86		4128			1		51.4			4½		
86	88	A	4129			2		78.2			0		
		B	4130										
		C	4131										
91	93	A P.A., S, FSI →	4132			2		31.1			6		
		B	4133										
93	95	A	4132-33			2	0.4	31.0	24.3	44.3	6½	0.18	
			4134			2		59.6			2½		93.5 to 94.5 = parting
		B CARB. SHALE	4135										
95	97	A 97.5 "H" Seam	4136			2		65.3			1		95.5 to 96.5 = parting
		B	4137										
97	99	A	4138			2		59.3			3		
		B	4139										
99	100	Bag Squashed -- Big Indian -- liquid (& presumably many fines) all lost. DEB	4140			1		27.7			4½		
		COMPOSITE 4134-39				6	0.5	60.7	15.4	23.4	2	0.25	

 Hole No. RH719

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
101	102		4141			1							
160	162		4142			2		55.0			3		
165	167	A 164	4143			2		20.3			6		
		B	4144										
167	169	A	4145			2		19.0			5½		
		B "G" Seam	4146										
169	171	A COMPOSITE	4147			2		24.4			5½		
		B "GU"	4148										
171	173	A	4149			2		38.3			6		
		B 173	4150										
		COMPOSITE 4143-50				8	0.5	25.6	22.6	51.3	4½	0.48	
194	196	193	4051			2		13.2			8		
198	200	A COMPOSITE	4052			2		23.9			7½		
198	200	B 199 "G L"	4053										
		COMPOSITE 4051-53				4	0.5	18.7	26.8	54.0	8	0.60	2' PARTING EXCLUDED

 Hole No. RH719

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
215	217	A 215	4054			2		5.9			8		
215	217	B COMPOSITE	4055										
217	219	A "G" Seam	4056			2		32.4			2½		
217	219	B	4057										
219	221	A 220.5	4058			2		28.7			7		
219	221	B	4059										
223	225	A	4060			2		35.1			2½		
223	225	B	4061										
		COMPOSITE 4054-61				10(8)	0.4	26.2	23.2	50.2	5½	0.40	2' PARTING EXCLUDED
240	241		4062			1		40.9			6½		
256	257	COMPOSITE of	4063			1		60.6			1		
277	279	279 ("F" Seam samples = 4064, 4065)	4064			2		27.4			4½		
279	281		4065			2		26.9			8		
		COMPOSITE 4064-65				4	0.5	28.4	23.5	47.6	7	0.65	
370	372	VOID ??	4067			2							
376	378	PA & S. →	4068			2		29.2			7		
		P.A. & P/O.S.	4068			2	0.5	30.7	24.0	44.8	6½	0.50	

Page No. 4 of 6 Hole No. RH 719

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
409	411		4069			2		41.2			6		
411	413	PA + S.	4070			2		26.9			5		
413	414	COMPOSITE 4069-18	4071			1	0.4	79.8	23.7	41.2	1/2	0.71	
429	431		4072			2		83.4			1/2		
524	526		4073			2		72.7			1/2		
526	528	527	4074			2		39.2			3		
528	530		4075			2		12.0			2 1/2		
530	532	composite	4226			2		9.9			4 1/2		
532	534		4227			2		13.0			5		
534	536	composite	4228			2		33.7			4 1/2		
536	538	"F" Seam COMPOSITE 4074-75, 4226-32	4229			10 2	0.4	21.6 61.9	22.0	55.9	3 1	0.22	536 to 537 = parting
538	540		4230			2		33.6			3		
540	542		4231			2		33.7			5 1/2		
542	544		4232			2		15.2			7		544 to 551 = parting
544	546		4233			2		68.4			1		
546	548		4234			2		70.7			1		
		F SEAM COMPOSITE 4074-75, 4226-32				20°	0.4	29.0	21.6	49.0	4	0.22	

Page No. 5 of 6 Hole No. RH 719

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
548	550		4235			2		70.6			1/2		
550	552		4236			2		31.4			5 1/2		
552	554	"V" Seam	4237			2		10.0			6 1/2		
554	556	COMPOSITE	4238			2							
556	558	STA	4239			2		19.2			6		
558	560		4240			2		62.8			1 1/2		
		COMPOSITE 4236-39				8.0	0.4	19.7	22.6	57.3	6.	0.33	

Composites Requested
Sept. 25/73

NB Compos. of indiv. sections weighted according to footage represented.

RH-734

~~DIAMOND~~ DRILL SAMPLING RECORD

315

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
90	92		4626			2		25.8			4		
92	94		4627			2		24.6			6 1/2		
94	96	COMPOSITE	4628			2		16.0			8		
96	98	G upper seam	4629			2		12.8			8		
98	100		4630			2		37.1			6		
		SEAM G-U (COMPOSITE (A6.26-30))				10	1.1	23.3	22.6	53.0	6 1/2	0.64	
134	136	COMPO.	4631			2		28.2			7		
137	139	G-Lower	4632			2		33.5			5		
		SEAM G-L COMPOSITE (A6.31-32)				4	1.0	31.5	22.3	45.2	6	0.64	ONE FOOT PARTING EXCLUDED
181	182		4633			1		68.7			1/2		
202	204		4634			2		47.3			1		
204	206	COMPO.	4635			2		45.4			6 1/2		
206	208	"F" Minor	4636			2		50.0			4		
		COMPOSITE (A6.34-36)				6	1.0	44.1	15.7	39.2	3	0.44	

COMPOSITE REQUESTED.
HOLD, 3 (2 OF 1/10 H) SAMPLES
MISSING.

RH-735

~~DIAMOND~~ DRILL SAMPLING RECORD

305

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
19	21		4637			2		72.3			0		
21	23		4638			2		79.2			0		
39	41		4639			2		11.5			8		41 - 49
41	43	COMPOSITE	4640			2		20.6			7		
44	46		4641			2		8.0			9		
46	48		4642			2		26.4			7		
133	135	A	4643			2							
		B	4644										
135	137	A	4645			2		13.4			8		
		B COMPO.	4646										
137	139		4647			2		31.0			7		
139	141		4648			2		78.7			0		
143	145		4649			2		4.8			9		144 - 158 "H"
145	147		4650			2		14.4			8½		
147	149	COMPOSITE	4532			2							

CONT.

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
149	151		4533			2		7.2			7½		
151	153		4534			2		4.6			8		
153	155		4535			2		9.0			7		
155	157		4536			2							
159	161		4537			2		49.1			3		
161	162		4538			1		68.1			1		
191	193		4539			2		72.7			0		
260	262		4540			2		76.9			½		265-271
262	264		4541			2		37.1			4½		
264	266	COMPO.	4542			2		7.8			8		
266	268		4543			2		5.3			7½		
268	269		4544			1		57.3			4		
296	298		4545			2		33.0			7		

 Hole No. RH-735

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
338	340	COMPOSITE	4546			2		24.8			8		339.5 - 344.5
340	342		4547			2		16.9			8		

COMPOSITE REQUESTED
DEC. 7, 73.

RH 737

~~DIAMOND~~ DRILL SAMPLING RECORD

315

WEIGHT BY FOOTAGES REPRESENTED

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
138	140		4926			2		58.7			1/2		
141	142		4927			1		52.1			1		
145	147		4928			2		24.6			2		
147	149		4929			2		18.6			3 1/2		
149	151		4930			2		14.2			4 1/2		
151	153		4931			2		13.9			7 1/2		
153	155		4932			2		36.2			2		OVERALL AVER.
155	157		4933			2		46.7			1		ASH 23.56.
157	159		4934			2				LOST			
159	161		4935			2				LOST			
161	163		4936			2		26.5			4 1/2		
163	165	COMPOSITE	4937			2		56.1			1 1/2		
165	167	#. 4928-4946 & 5077-5081	4938			2		26.6			3 1/2		
167	169		4939			2		17.1			6		
169	171		4940			2				LOST			
171	173		4941			2		14.3			4 1/2		
173	175		4942			2				LOST			

DIAMOND DRILL SAMPLING RECORD

FROM	TO	DESCRIPTION	SAMPLE NUMBER	SHORTS FEET		WIDTH	M	A	VM	FC	FSI	S	REMARKS
175	177		4943			2		18.7			6 1/2		
177	179		4944			2		28.3			6		
179	181		4945			2		20.4			7		
181	183		4946			2		17.4			7		
183	185	RETAGGED - NEW NO - 5077	~~4947~~			2				LOST			
185	187	" - " - 5078	~~4948~~			2		8.9			7		
187	189	" - " - 5079	~~4949~~			2		11.7			7 1/2		
189	191	" - " - 5080	~~4950~~			2		15.8			7		
191	193		5081			2		31.7			1		
193	195		5082			2		72.8			1		
195	197		5083			2		77.6			0		
197	198		5084			1		79.9			0		
204	206	SAMPLE LOST - BROKEN BAG.	5085			2		NO SAMPLE					