

TECK CORPORATION LIMITED

478

STRATIGRAPHIC LOG  
OF  
DDH. T-64

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (South Fork) LOCATION Sukunka  
 HOLE NO 64 CORE SIZE Hg DATUM Top of casing  
 CO-ORDINATES 8616.27 N 6462.42 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1459.94 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE -90° TOTAL DEPTH 61.92 M. LOGGED BY B.I. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
			0		OVERBURDEN
LOWER CRETACEOUS	COMMOTION	GATES	2.36		COAL, DULL TO BRIGHT BANDS, MINOR BONE, OXIDIZED, EARTHY TO BLOCKY, ASH 18-20%, 1.55/.60 'D' SEAM
			5		SANDSTONE, MEDIUM GRAINED, CARBONACEOUS; INTERBEDDED MUDSTONE, CARBONACEOUS TO COALY PHASES.
			10		MUDSTONE, CARBONACEOUS-COALY, CLEAN COAL PARTINGS, SANDY PHASES, MINOR FE CONCRETIONS
			15		SILTSTONE, SANDSTONE, MUDSTONE, THINLY INTERBEDDED, FINE TO COARSE GRAINED. CARBONACEOUS, WISPS IN MUDSTONE, DISTURBED BEDDING,
			17.64		COAL, BRIGHT, MINOR VISIBLE ASH, BLOCKY, HARD, 1.64 M / 1.64 M 'C' SEAM
			19.28		
			20		
			25		SANDSTONE, THINLY INTERBEDDED SILTSTONE AND MUDSTONE, CARBONACEOUS, FINE GRAINED TO COARSE GRAINED. (COARSENING DOWNWARDS) COAL WISPS, MUDSTONE 19.44 - 20.44, CARBONACEOUS, COAL PARTINGS.
			30		
			35		SANDSTONE, MUDSTONE, THIN TO MEDIUM INTERBEDDED, VERY CARBONACEOUS 32.20 - 32.76
			40		MUDSTONE, VERY CARBONACEOUS TO COALY, MINOR BONE; SHALEY. IRON CONCRETIONS; SANDY PHASE 38.60 - 38.73 CALCITE PARTINGS.
			44.04		COAL, BRIGHT, HARD TO SOFT, HIGH ASH BANDS 44.04 - 45.54 4.61/4.61 'B' SEAM
46.86					
50		SANDSTONE, MUDSTONE, SILTSTONE, THIN TO MEDIUM INTERBEDDED. MEDIUM GRAINED, CARBONACEOUS, MINOR CLEAN COAL PARTINGS AT 50.0.			
53.18		COAL, 50% ASH;			
53.48		COAL, BRIGHT, BLOCKY, HARD, MINOR ASH VISIBLE 1.10/.80 'A2' SEAM			
54.23					
55		MUDSTONE, SANDSTONE THINLY INTERBEDDED, CARBONACEOUS, CONVOLUTED BEDDING, MUDSTONE TOP AND BOTTOM 10 CM.			
56.0		COAL, BRIGHT, GENERALLY HARD, MINOR ASH. 'A1' SEAM			
57.84					
60		SANDSTONE, CARBONACEOUS, COARSE GRAINED. MASSIVE			
			61.92 END OF HOLE		



TECK CORPORATION LIMITED

478

STRATIGRAPHIC LOG  
OF  
DDH. T-66

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (south Fork) LOCATION Sukunka  
 HOLE NO: 66 CORE SIZE HQ DATUM Top of casing  
 CO-ORDINATES 8082.98 N 5935.10 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1514.88 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE 90° TOTAL DEPTH 72.59 M. LOGGED BY B.I. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
			0	0 4	OVERBURDEN
			5		SANDSTONE, MEDIUM TO COARSE GRAINED, COAL WISPS, CROSS-BEDDED. MUD BLESS 6.64-6.94, SILTY 6.94-9.84
			10		MUDSTONE, SILTY PHASES, SANDY 12.04-12.44, VERY CARBONACEOUS, COAL PARTINGS + WISPS.
			12.42		COAL, BRIGHT TO DULL, HIGH ASH BANDS, 2.06/200, 'D' SEAM PARTINGS 10% 12.42-12.77; 14.14-14.48
			14.48		CARBONACEOUS SILTSTONE, MUDSTONE
			16.38		MUDSTONE, BONE, COAL 60-80-10
			18.0		MUDSTONE, SANDSTONE, SILTSTONE, THIN TO MEDIUM INTERBEDDED, CARBONACEOUS.
			20		SILTSTONE, SANDSTONE, MINOR MUDSTONE; THIN-THICK INTERBEDDED, CARBONACEOUS LAMINATIONS
			25		SANDSTONE, COARSE GRAINED, S+P, CROSS-BEDDED, MUD BLESS AT 30.30
			30		MUDSTONE, VERY CARBONACEOUS, SHALEY
			31.16		COAL, BRIGHT, BLOCKY, ASH BANDS 5%; 'C' SEAM VERY HIGH ASH COAL 32.26-32.60 1.66/1.64
			32.60		SANDSTONE, SILTSTONE, MUDSTONE THINLY INTERBEDDED, CARBONACEOUS. MEDIUM GRAINED SANDSTONE, 70-15-15.
			35		SANDSTONE, MEDIUM GRAINED, CARBONACEOUS, MEDIUM BEDDED. MUD BLESS AT 39.80.
			40		MUDSTONE, VERY CARBONACEOUS TO COALY, SHALEY. CLAM SHELLS AT 43.0 SANDSTONE AT 42.24-43.25
			45		BONE - MUDSTONE
			50		COAL, BRIGHT, HARD, BLOCKY; 53.50-54.50 THIN ASH BANDS; 4.99/4.92 'B' SEAM
			52.84		SANDSTONE, MUDSTONE, SILTSTONE THINLY INTERBEDDED DISTURBED BEDDING, CARBONACEOUS
			55		COAL, DULL-BRIGHT, DIRT BANDS 20% 1.14/.77 'A2' SEAM
			57.55		MUDSTONE
			60		COAL, CLEAN, BRIGHT 1.44/1.44 'A1' SEAM
			63.14		SANDSTONE, COARSE GRAINED, CARBONACEOUS, CROSS-BEDDED, COAL WISPS.
			64.38		72.59 END OF HOLE.
			65		
			66.94		
			70		
			75		

GATES

COMMOTION

LOWER CRETACEOUS

TECK CORPORATION LIMITED

478

STRATIGRAPHIC LOG  
OF  
DDH. T-68

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (South Fork) LOCATION Sukunka  
 HOLE NO 68 CORE SIZE \_\_\_\_\_ DATUM Top of casing  
 CO-ORDINATES 8123.51 N 6963.38 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1525.21 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE 90° TOTAL DEPTH \_\_\_\_\_ M. LOGGED BY B.I. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
LOWER CRETACEOUS	COMMOTION	GATES	0		OVERBURDEN
			5		SANDSTONE, CARBONACEOUS, S+P THICKBEDDED, CROSS BEDDED COARSE GRAINED TO VERY COARSE GRAINED, COAL WISPS.
			10		CONGLOMERATE, PEBBLES 1-3 MM. MUDSTONE, CARBONACEOUS, COAL PARTINGS
			15		SANDSTONE, SILTSTONE, MUDSTONE THINLY INTERBEDDED. COAL WISPS, CONVOLUTED BEDDING, MINOR COAL PARTINGS
			19.46		COAL, INTERBEDDED BONE AND MUDSTONE, 1.56/1.56 'D' SEAM
			20.94		BONE COAL, 39/39
			25		MUDSTONE, SANDSTONE, SILTSTONE, MEDIUM INTERBEDDED SANDSTONE COARSE GRAINED, CARBONACEOUS, S+P, SILTY PHASES, COAL PARTINGS
			30		MUDSTONE, VERY CARBONACEOUS, SHALEY, COAL PARTINGS
			35		SILTY SANDSTONE GRADING TO SANDSTONE WITH INTERBEDDED MUDSTONE TO COARSE GRAINED SANDSTONE WITH MUDSTONE PARTINGS. VERY DISTURBED BEDDING. SANDSTONE: CARBONACEOUS, CROSS BEDDED
			40		MUDSTONE, CARBONACEOUS, SHALEY
			40.88		COAL, HARD TO SOFT, GENERALLY BRIGHT, HIGH ASH 40.80-41.30 1.78/1.70 'C' SEAM
			41.86		MUDSTONE, COAL PARTINGS, VERY CARBONACEOUS
			45		SANDSTONE, INTERBEDDED SILTSTONE AND MUDSTONE CARBONACEOUS, CONVOLUTED BEDDING
			50		MUDSTONE, VERY CARBONACEOUS, SHALEY, MINOR SANDSTONE PHASES.
			63.76		COAL, BRIGHT, HARD, BLOCKY; 4.46/4.46, HIGH ASH BANDS (5%) 63.76-64.90 'B' SEAM
68.22		SANDSTONE, SILTSTONE, MUDSTONE THINLY INTERBEDDED. CARBONACEOUS			
74.16		COAL, CLEAN AND BRIGHT, SOFT; 1.12/1.12, BONE 74.24-74.36 'A2' SEAM			
75.28		SANDSTONE, SILTSTONE, MUDSTONE; CARBONACEOUS			
76.72		COAL, CLEAN AND BRIGHT, BLOCKY, HARD 1.36/1.36 'A1' SEAM			
78.06		SANDSTONE, COARSE GRAINED, CARBONACEOUS, THICKBEDDED.			
87.25		END OF HOLE			

PR-BULLMOOSE 77(2)A  
TECK CORPORATION LIMITED

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STRATIGRAPHIC LOG  
OF  
DDH. T-69

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (South Fork) LOCATION Sukunka  
HOLE NO 59 CORE SIZE HQ DATUM TOP OF CASING  
CO-ORDINATES 7808.65 N 6546.51 E DATE STARTED \_\_\_\_\_  
COLLAR ELEVATION 1572.85 METRES DATE FINISHED \_\_\_\_\_  
HOLE ANGLE 90° TOTAL DEPTH 111.63 M. LOGGED BY R.S. VERZOSA

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
LOWER CRETACEOUS	COMOTION	GATES	0		OVERBURDEN
			5		SHALE, SILTSTONE, SANDSTONE INTERBEDDED (SUKUNKA TYPE)
			10		SANDSTONE - SILTSTONE, MINOR THIN CARBONACEOUS PARTINGS
			15		BONE COAL, BRIGHT COAL BANDS OF UP TO 5 CM COAL - MDST. BONE 30 40 30
			18.10		SANDSTONE, SILTSTONE, MUDSTONE, CARBONACEOUS PARTINGS IN MUDSTONE, FEW COARSE GRAINED LAYERS AT 15.92 FOSSIL? FELE AT 15.3 M.
			19.42		CARBONACEOUS MUDSTONE DOWN TO BONE COAL.
			20		COAL, BRIGHT, SEMI-BRIGHT, BLOCKY, HARD 1.32/1.07 20% ASH BANDS 'E' SEAM
			25		MUDSTONE - SILTSTONE, VERY CARBONACEOUS.
			30		SANDSTONE - SILTSTONE INTERBEDDED.
			35		MUDSTONE, VERY CARBONACEOUS, SOME COAL PARTINGS AND WISPS
			40		SANDSTONE - SILTSTONE - SHALE (SUKUNKA-TYPE)
			45		SANDSTONE, MEDIUM TO COARSE, CARBONACEOUS, CLAY FIBBLES AND FRAGMENTS MUD BLEDGES AT 32.5 FEEDS AT BASE, COAL WISPS AND PARTINGS
			45.76		SILTSTONE, SANDSTONE, CARBONACEOUS AND COALY PARTINGS.
			46.46		SHALE - MUDSTONE, VERY CARBONACEOUS
			47.98		COAL, GENERALLY BRIGHT, HARD MUDSTONE - BONE COAL PARTINGS 45.76-46.46 'D' SEAM
			50		BONE COAL SHALE, VERY CARBONACEOUS
			55		SANDSTONE, MEDIUM - COARSE, CARBONACEOUS MUDSTONE, CARBONACEOUS, DOWNWARDS TO BONE COAL WITH UP TO 5 CM COAL BANDS
			60		SANDSTONE, INTERBEDDED VERY CARBONACEOUS SHALE, SOME COAL PARTINGS
			65		MUDSTONE, VERY CARBONACEOUS, MINOR INTERBEDDED SANDSTONE
			70		SANDSTONE, FINE TO MEDIUM, CARBONACEOUS SHALE PARTINGS, SILTSTONE, SLUMP STRUCTURES
71.16		SHALE, VERY CARBONACEOUS			
71.88		COAL, BRIGHT - SEMI BRIGHT, HARD - SOFT, HIGH ASH 70.66-70.90 SHALE BAND 70.90 71.16 1.90, 1.90 'C' SEAM			
75		SHALE - SILTSTONE, CARBONACEOUS, 3 CM COAL BAND.			
80		SANDSTONE, CARBONACEOUS SHALE PARTINGS			
85		MUDSTONE - SILTSTONE, CARBONACEOUS, COALY PARTINGS AT TOP AND BOTTOM SANDSTONE, SILTSTONE, SHALE			
90		SILTSTONE, SHALE			
92.44		SHALE, INTERBEDDED SILTSTONE, MINOR FINE SANDSTONE, VERY CARBONACEOUS			
95		COAL, BRIGHT - SEMI BRIGHT, HARD, HIGH ASH 93.07 - 94.90, BONE 92.90 - 93.07 4 1.8 4.69 'B' SEAM			
97.22		SANDSTONE, SILTSTONE - SHALE, CARBONACEOUS			
103.08		COAL, BRIGHT, HARD; 20 CM BONE, MUDSTONE, DIRTY COAL AT 103.08 AND 103.98 'A2' SEAM 1.10/1.10			
105.78		SANDSTONE, SILTSTONE - SHALE, CARBONACEOUS; BONE 105.74 - 105.78			
107.24		COAL, CLEAN, BRIGHT, HARD 1.46/1.46 'A1' SEAM.			
110		SANDSTONE, MASSIVE, CARBONACEOUS AT TOP, MINOR COALY PARTINGS AND WISPS			
			111.63 END OF HOLE		

TECK CORPORATION LIMITED

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STRATIGRAPHIC LOG  
OF  
DDH. T-70

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (south Fork) LOCATION Sukunka  
 HOLE NO 70 CORE SIZE HQ DATUM Top of casing  
 CO-ORDINATES Z819.85 N 6841.57 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1516.72 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE 90° TOTAL DEPTH 54.0 M. LOGGED BY B. I. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
LOWER CRETACEOUS	COMMOTION	GATES	0		OVERBURDEN
			5		SANDSTONE, MUDSTONE, SILTSTONE THIN TO MEDIUM INTERBEDDED. SANDSTONE: COARSE GRAINED, CARBONACEOUS, MUD BLESS AT 8.8 M MUDSTONE: CARBONACEOUS AND SHALEY.
			10		MUDSTONE, VERY CARBONACEOUS, SILTY.
			10.28 11.00		COAL, BONE, MUDSTONE, 60-20-20 'C' SEAM TRUE THICKNESS UNKNOWN
			15		
			20		SANDSTONE, SILTSTONE, MUDSTONE THINLY INTERBEDDED (MEDIUM BEDDED AT 17.0-25.0) MUDSTONE - VERY CARBONACEOUS BEDDING CONVOLUTED
			25		
			30		MUDSTONE, VERY CARBONACEOUS, SHALEY. SANDY PHASES 28.0-29.90, 31.87-32.33
			34.80 35		COAL, CLEAN, BRIGHT, NO VISIBLE ASH, HARD TO SOFT SECTIONS 4.54/454 'B' SEAM
			39.34 40		SANDSTONE, SILTSTONE, MUDSTONE THINLY INTERBEDDED, CONVOLUTED BEDDING. 90-10-10
			45 46.52 46.24 47.28 48.80		MUDSTONE, SILTY, VERY CARBONACEOUS, BONE COAL 45.20-45.32 COAL, CLEAN, HARD-SOFT .92/.92 'A2' SEAM MUDSTONE, SILTY, VERY CARBONACEOUS COAL, BRIGHT, CLEAN, HARD-SOFT 1.53/1.40 'A1' SEAM
			50		SANDSTONE, COARSE GRAINED, THICK BEDDED, S + P, COAL WISPS.
54.0		END OF HOLE			

TECK CORPORATION LIMITED

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STRATIGRAPHIC LOG  
OF  
DDH. T-71

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (south Fork) LOCATION Sukunka  
 HOLE NO 71 CORE SIZE HQ DATUM Top of casing  
 CO-ORDINATES 7526.34 N 6308.20 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1606.13 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE 20° TOTAL DEPTH 104.30 M. LOGGED BY B.I. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
			0		OVERBURDEN
		GATES	5		SILTSTONE, SANDSTONE, MUDSTONE THINLY INTERBEDDED.
			10		SANDSTONE, MUDSTONE PARTINGS WELL BEDDED.
			15		SHALE, MUDSTONE; COAL WISPS
			19.18		COAL, BRIGHT, BLOCKY, MINOR ASH 1.14/.68 'E' SEAM
			20.32		SHALE, SILTY INTERBEDS, CARBONACEOUS.
			25		
		COMMOTION	30		
			35		SILTSTONE, WITH SAND AND SHALE PHASES WELL BEDDED TO CONVOLUTED BEDDING
			40		
		LOWER CRETACEOUS	43.10		COAL, BRIGHT, CLEAN; MUDSTONE/BONE PARTINGS (25%) 43.10-44.0 'D' SEAM
			44.80		2.10/.78 BONE 44.80-45.20
			45		
			50		SHALE-SILTSTONE, SANDY PHASES, COAL WISPS
			55		
			60		SILTSTONE; SAND AND SHALE INTERBEDDED, POORLY BEDDED TO CONVOLUTED
			64.48		SANDSTONE, MEDIUM TO COARSE GRAINED
			65		MUDSTONE, SHALEY
			66.16		COAL, CLEAN, BRIGHT 1.74/1.60 BONE, MUDSTONE PARTING 66.28-66.77 'C' SEAM
			70		SILTSTONE, SHALE AND SANDSTONE INTERBEDDED CONVOLUTED BEDDING MUDSTONE, SHALE WITH COAL PARTINGS 70.3-74.4
			75		
			80		MUDSTONE, SHALEY, VERY CARBONACEOUS
			85		
			86.16		BONE COAL
			89.14		COAL, BRIGHT, BLOCKY, FINE ASH BANDS 86.16-89.14 5.14/5.14 'B' SEAM
			91.50		
			95		SILTSTONE, MUDSTONE INTERBEDDED, MINOR COAL WISPS, WELL BEDDED.
			96.34		COAL, CLEAN AND BRIGHT, MUDSTONE PARTING (.05) AT 97.07 1.22/1.22 'A2' SEAM
			98.16		SILTSTONE, MUDSTONE PARTING; COAL PARTINGS.
			99.76		COAL, CLEAN, BRIGHT 1.64/1.45 'A1' SEAM
			100		
			104.30		SANDSTONE, COARSE GRAINED, THICKBEDDED.
			105		104.30 END OF HOLE

TECK CORPORATION LIMITED

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STRATIGRAPHIC LOG  
OF  
DDH. T-72

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (South Fork) LOCATION Sukunka  
 HOLE NO 72 CORE SIZE 4.0 DATUM Top of casing  
 CO-ORDINATES 7473.61 N 6572.20 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1610.75 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE 90° TOTAL DEPTH 112.85 M. LOGGED BY B.I. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
			0		OVERBURDEN
		GATES	5		MUDSTONE; LAMINATED, FRACTURED, INTERBEDDED SANDSTONE WITH CROSS-BEDDED SILTSTONE.
			10		
			15		SANDSTONE, THINLY INTERBEDDED SILTSTONE AND SHALE SANDSTONE: WASHED TO SILTY, SLUMP STRUCTURES.
			20		SHALE - MUDSTONE, COAL PARTINGS.
			20.84		SILTSTONE, SANDSTONE, SHALE; SLUMP BEDDING.
			22.94		COAL, BRIGHT, BLOCKY 1.22 / .91, MINOR ASH VISIBLE 'E' SEAM
			25		MUDSTONE, SHALEY, COAL PARTINGS
		COMMOTION	30		SILTSTONE, MINOR SANDSTONE AND SHALE CROSS-BEDDED.
			35		
			40		SILTSTONE, MINOR SHALE, SANDSTONE; DISTURBED BEDDING. COALY WISPS
			45.92		
			45.44		COAL, BRIGHT, BLOCKY, HIGH ASH BANDS, MUDSTONE 44.18-44.95 'D' SEAM HARD TO SOFT 44.99-44.51 45.18-45.48
			50		SILTSTONE, SHALE INTERBEDDED. CROSS-BEDDING IN SILTSTONE MINOR COAL WISPS
			55		
			60		SILTSTONE, INTERBEDDED SANDSTONE, MUDSTONE, CONVOLUTED BEDDING.
			65		
			69.18		SANDSTONE, COARSE GRAINED, S+P. CROSS-BEDDED.
			70		MUDSTONE, SHALEY
			70.96		COAL, BRIGHT, BLOCKY; ONE PARTING 69.88-70.83; HIGH ASH 70.61-70.96 1.78/1.40 'C' SEAM
			75		MUDSTONE, SILTY
			75		SANDSTONE, MEDIUM GRAINED, S+P. INTERBEDDED SILTSTONE MUDSTONE FRACTIONS.
			80		SILTSTONE, SANDSTONE, MUDSTONE THINLY INTERBEDDED COAL WISPS AND PARTINGS.
			85		
			90		MUDSTONE, SHALEY, VERY CARBONACEOUS SILTY PHASES.
			93.98		
			95		COAL, BRIGHT, BLOCKY; ONE PARTING 93.88-94.42; HIGH ASH 94.30/4.93 'B' SEAM
			99.88		
			100		SILTSTONE, MUDSTONE
			104.82		MUDSTONE, SHALEY, VERY CARBONACEOUS.
			105		COAL, CLEAN, BRIGHT 1.20/1.11 'A2' SEAM
			106.0		SHALE, SILTSTONE INTERBEDDED.
			107.08		COAL, CLEAN, BRIGHT, BLOCKY 1.42/1.42 'A1' SEAM
			108.48		
			110		SANDSTONE, COARSE GRAINED, THICKBEDDED
			112.85		END OF HOLE

LOWER CRETACEOUS



STRATIGRAPHIC LOG  
OF  
DDH. T-73

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (South Fork) LOCATION Sukunka  
HOLE NO 73 CORE SIZE HQ DATUM Top of casing  
CO-ORDINATES 210.92 N 6927.00 E DATE STARTED \_\_\_\_\_  
COLLAR ELEVATION 1676.24 METRES DATE FINISHED \_\_\_\_\_  
HOLE ANGLE -30° TOTAL DEPTH 139.08 M. LOGGED BY S.I. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
LOWER CRETACEOUS	COMOTION	GATES	0		OVERBURDEN
			5		SANDSTONE, MUDSTONE, SILTSTONE MEDIUM INTERBEDDED SS: MEDIUM - COARSE GRAINED, CARBONACEOUS PARTING AND WISPS MDST: SHALEY, CARBONACEOUS SILT: SANDY, IRON CONCRETIONS
			10		MUDSTONE, SILTY TO SANDY PHASES SANDSTONE, THINLY INTERBEDDED MUDSTONE, NUMEROUS CLAM SHELLS
			15		SILTSTONE, SANDSTONE, SHALE VERY THINLY INTERBEDDED
			25		SANDSTONE, MEDIUM - COARSE GRAINED, THICK BEDDED IRON STAINED FRACTURES SILTSTONE AND CARBONACEOUS PARTINGS 29.0 - 32.10
			35		MUDSTONE, SHALEY
			45		SANDSTONE, SHALE THIN TO MEDIUM INTERBEDDED. SS: FINE TO MEDIUM GRAINED. IRON STAINED FRACTURES.
			50		MUDSTONE, CARBONACEOUS, SHALEY, COAL PARTINGS COAL, CLEAN, 49.60 - 49.60
			51.70		COAL, CLEAN, BRIGHT 1.24/1.70 'E' SEAM
			52.04		MUDSTONE, CARBONACEOUS, SHALEY
			55		SANDSTONE, COARSE GRAINED, CARBONACEOUS, SHALE - SILTSTONE PARTINGS, BEDDING/COSE AXIS 85° MUDSTONE - SHALE, VERY CARBONACEOUS, BENTONITIC
			65		SANDSTONE, SILTSTONE, MUDSTONE THIN TO MEDIUM INTERBEDDED CONVOLUTED BEDDING
			75		LOST CORE
			76.31		COAL, CLEAN, BRIGHT; MUDSTONE - BONE PARTINGS, TOTAL 40% ASH 1.84/1.18 'D' SEAM
			77.86		SILTSTONE, MUDSTONE, SANDSTONE THIN TO MEDIUM INTERBEDDED, CROSS-BEDDED CONVOLUTED COAL PARTINGS AND WISPS LARGE BLESS PYRITE AT 88.0
			85		MUDSTONE, CARBONACEOUS TO VERY CARBONACEOUS SHALEY
			90		SILTSTONE, MINOR SHALE
			95		SANDSTONE, COARSE GRAINED, MINOR SHALE PARTINGS CROSS-BEDDED, PYRITE DISSEMINATION LOCAL PARTINGS (VARIATIONS?)
			99.24		MUDSTONE, VERY CARBONACEOUS
			100		COAL, GENERALLY BRIGHT, BLOCKY 99.24 - 100.19 'C' SEAM MUDSTONE 100.19 - 100.92, VERY CARBONACEOUS COAL, SOFT, FRIABLE 100.92 - 101.14 1.94/1.80
			105		SANDSTONE, SILTSTONE, MUDSTONE THINLY INTERBEDDED, VERY CONVOLUTED, SLUMPING ETC. VERY CARBONACEOUS MUDSTONE 106.20 - 107.85, COAL PARTINGS
			110		SILTSTONE/SHALE; MINOR SANDS
			120		MUDSTONE, VERY CARBONACEOUS, SHALEY; SANDSTONE AT 118.40 - 119.0 IRON CONCENTRATE MINOR SHELLS AT 121.06 BONE COAL
			121.06		COAL, BRIGHT, PULL BANDS, BLOCKY; THIN ASH BANDS (CALC.) < 5% 4.92/4.82 'B' SEAM
125		MUDSTONE, CARBONACEOUS, SHALEY.			
126.0		SANDSTONE, COARSE GRAINED, SILTY PARTINGS, CALCITE FRACTURES CROSS-BEDDED			
130		MUDSTONE, SILTSTONE, SANDSTONE THINLY INTERBEDDED; CARBONACEOUS, GRADING SILT + MUDSTONE FRACTIONS			
131.94		COAL, BRIGHT, BLOCKY 10% ASH 1.10/1.07 'A2' SEAM			
132.94		MUDSTONE, SANDSTONE, THINLY INTERBEDDED, CLAM SHELLS, CALCITE WISPS.			
134.48		COAL, CLEAN, BLOCKY 1.50/1.50 'A1' SEAM			
135		SANDSTONE, COARSE GRAINE, THICKBEDDED.			
139.08		139.08 END OF HOLE			

TECK CORPORATION LIMITED

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STRATIGRAPHIC LOG  
OF  
DDH. T-74

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (South Fork) LOCATION Sukunka  
 HOLE NO 74 CORE SIZE Ha DATUM Top of casing  
 CO-ORDINATES 7174.40 N 68° 21' E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1620.16 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE 90° TOTAL DEPTH 88.45 M. LOGGED BY B.I. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
LOWER CRETACEOUS	COMMOTION	GATES	0	D S	OVERBURDEN
			5	S S	SANDSTONE, THINLY INTERBEDDED SILTSTONE AND MUDSTONE MEDIUM COARSE GRAINED, DISTURBED.
			10		MUDSTONE, SILTY, COAL PARTINGS AND WISPS.
			15		SANDSTONE, MUDSTONE, SILTSTONE THIN-MEDIUM INTERBEDDED SS: CALCITE FRACTURES
			17.66		MUDSTONE, SILTY, VERY CARBONACEOUS.
			19.82		COAL, DULL TO BRIGHT, HIGH ASH 17.94-18.48 1.86/1.70 'D' SEAM
			20		MUDSTONE, SILTSTONE, SANDSTONE MEDIUM INTERBEDDED SS: MEDIUM GRAINED, SILTY PARTINGS.
			25		SILTSTONE, SANDY PHASES
			30		MUDSTONE, SHALE; IRON CONCRETIONS
			35		SILTSTONE, THINLY INTERBEDDED PHASES, SANDSTONE AND MUDSTONE COARSE GRAINED SANDSTONE AT 41.53-42.28 PYRITE, CALCITE FRACTURES
			40		MUDSTONE, SHALEY, VERY CARBONACEOUS
			43.78		COAL, BRIGHT TO DULL, ASH 10%; 160/1.30; BONE/MUDSTONE 44.56-45.0 'C' SEAM
			45.58		SILTSTONE-MUDSTONE MEDIUM INTERBEDDED; 45.90-46.04 COAL, 30% ASH
			50		SANDSTONE, COARSE GRAINED, MASSIVE MUD BLEBS, CARBONACEOUS LAMINATIONS
			55		SILTSTONE, MUDSTONE, SANDSTONE THIN TO MEDIUM INTERBEDDED COAL PARTINGS AND WISPS SS: SILTY PARTINGS, GRITTY AT 57.0
			60		MUDSTONE, SHALEY, VERY CARBONACEOUS SILTY 57.34-68.50 SS: 63.75-64.37
			65		BONE COAL
			66.76		COAL, BRIGHT, BLOCKY 5.90/4.67 'B' SEAM
			70		MUDSTONE, CARBONACEOUS, GRADING TO SANDSTONE
			72.66		SANDSTONE, COARSE GRAINED, CALCITE FRACTURES
			75		SANDSTONE, SILTSTONE, MUDSTONE
			80		MUDSTONE, CARBONACEOUS, BENTONITE PARTING AT 81.0
			81.68		COAL, CLEAN, BRIGHT, BLOCKY 1.10/1.03 'A2' SEAM
82.78		MUDSTONE, BENTONITE, COAL MIXED			
84.24		MUDSTONE SANDSTONE MUDSTONE, CARBONACEOUS			
85		COAL, BRIGHT, BLOCKY 1.54/1.0, HIGH ASH 83.88-84.43 WITH POOR 'A1' RECOVERY SEAM			
86.78		SANDSTONE			
88.45		END OF HOLE			
90					

TECK CORPORATION LIMITED

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STRATIGRAPHIC LOG  
OF  
DDH. T-75

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (South Fork) LOCATION Sukunka  
 HOLE NO 75 CORE SIZE HQ DATUM Top of casing  
 CO-ORDINATES 6278.91 N 6199.54 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1756.46 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE 90° TOTAL DEPTH 127.74 M. LOGGED BY R.S. Verzosa

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
			0		
		GATES	5		SHALE - SILTSTONE - SANDSTONE, INTERBEDDED
			10		
			15		SANDSTONE, MINOR SHALE, CARBONACEOUS PARTINGS, THIN MUD SEAM AT 19.5 (FAULT)
			20		
			25		SHALE, SILTSTONE, MUDSTONE, INTERBEDDED
			30		
			35		SANDSTONE, SILTSTONE, MINOR SHALE, SWIRLED, MUD SEAM AT 36.5 BEDDING UP TO 75° TO CORE
			37.29		
			38.12		70% BONE AND SHALE BANDS
			40		SHALE-MUDSTONE, MINOR SANDSTONE, VERY CARBONACEOUS, COALY PARTINGS 5 CM, COAL SEAM AT 39 M.
			41.0		
			42.58		COAL, 20% SHALE PARTINGS, DULL TO BRIGHT, HARD 1.62/1.34 'E' SEAM
			45		MUDSTONE, VERY CARBONACEOUS, HIGHLY FRACTURED, POSSIBLE FAULT ZONE, BRIGHT COAL PARTINGS AND BANDS OF UP TO 5 CM.
			50		SANDSTONE, FINE CARBONACEOUS, INTERBEDDED SILTSTONE
			55		SANDSTONE, COARSE-VERY COARSE, CARBONACEOUS PARTINGS AND WISPS, PEBBLY TO GRANULAR AT BASE; BEDDING UP TO 70° TO CORE MEDIUM-BEDDED TO MASSIVE
			60		SHALE, SILTSTONE, SANDSTONE, THIN BEDDED, CARBONACEOUS WISPS
			64.68		
			65		COAL, SEMI-BRIGHT, ALTERNATING DULL BANDS, VERY CARBONACEOUS MUDSTONE ROOF AND FLOOR, SHALE PARTINGS 64.74 - 65.24 2.04/1.84 'D' SEAM
			66.66		
			70		SANDSTONE - SILTSTONE - SHALE, CARBONACEOUS AND COALY PARTINGS
			75		SANDSTONE - SILTSTONE - SHALE, CARBONACEOUS AND COALY PARTINGS
			80		SHALE - MUDSTONE, VERY CARBONACEOUS, MINOR SILTSTONE AND FINE SANDSTONE 18 CM COAL SEAM
			85		SANDSTONE - SILTSTONE, 70° TO CORE.
			90		MUDSTONE - SHALE, VERY CARBONACEOUS
			91.42		COAL, SEMI-BRIGHT, HARD, 10% BONE COAL 'C' SEAM
			92.48		BONE COAL, 40 CM BRIGHT COAL, CLEAN. MUDSTONE VERY CARBONACEOUS
			95		MUDSTONE, CARBONACEOUS
			100		SANDSTONE, FINE TO MEDIUM GRAINED, CARBONACEOUS, MINOR SHALE
			105		MUDSTONE, DARK BROWN, VERY CARBONACEOUS, MINOR SANDSTONE LAYERS.
			110		BONE COAL
			110.74		COAL, CLEAN, BRIGHT, HARD 5.45/5.35 'B' SEAM
			115		
			116.13		
			120		SANDSTONE, SILTSTONE, SHALE-MUDSTONE, INTERBEDDED, THIN BEDDED
			122.08		COAL, CLEAN, BRIGHT, HARD 1.12/.80 'A2' SEAM
			123.26		SANDSTONE - SILTSTONE, FINE CARBONACEOUS, THIN BEDDED, 85° TO CORE.
			124.30		
			125		COAL, CLEAN, BRIGHT, HARD, BLOCKY 1.54/1.28 'A1' SEAM
			125.80		SANDSTONE, DARK GRANULAR, MASSIVE, CARBONACEOUS AT TOP
			127.74		

LOWER CRETACEOUS

COMMOTION

TECK CORPORATION LIMITED

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STRATIGRAPHIC LOG  
OF  
DDH. T-76

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (South Fork) LOCATION Sukunka  
 HOLE NO 76 CORE SIZE HQ DATUM Top of casing  
 CO-ORDINATES 6849.81 N 6590.06 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1685.16 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE -90° TOTAL DEPTH 105.50 M. LOGGED BY B.I. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
LOWER CRETACEOUS	COMMOTION	GATES	0		OVERBURDEN
			5		SANDSTONE, MINOR INTERBEDDED MUDSTONE, BROKEN, POOR-GOOD BEDDING.
			10		MUDSTONE, MINOR SILTSTONE, SHALEY
			13.46		COAL, BRIGHT, BLOCKY 1.42/1.25, HIGH ASH 14.27-14.48 'E' SEAM
			14.88		MUDSTONE, BONE COAL
			15		MUDSTONE, SHALEY
			20		SANDSTONE, SILTSTONE, MINOR MUDSTONE; CONVOLUTED BEDDING SS: MEDIUM-COARSE GRAINED, WELL BEDDED
			25		SILTSTONE, INTERBEDDED SANDSTONE, MUDSTONE; CONVOLUTED BEDDING.
			30		SILTSTONE, INTERBEDDED SANDSTONE, MUDSTONE; CONVOLUTED BEDDING.
			35		COAL, BRIGHT, BLOCKY; 30% BONE AND MUDSTONE PARTINGS 35.18-36.88 'D' SEAM
			36.88		SILTSTONE, MUDSTONE, WITH SANDSTONE INTERBEDS
			40		SILTSTONE, MUDSTONE, WITH SANDSTONE INTERBEDS
			45		SANDSTONE, SILTSTONE INTERBEDS; MINOR MUDSTONE, VERY CONVOLUTED BEDDING
			50		MUDSTONE
			55		COAL, BRIGHT, BLOCKY 30% BONE, MUDSTONE PARTINGS, MINOR PYRITE. 'C' SEAM, 2.12/2.12
63.78		MUDSTONE, VERY CARBONACEOUS; BONE COAL			
65		SILTSTONE, SANDSTONE, MUDSTONE THINLY INTERBEDDED POOR-WELL BEDDED; SS: CROSS-BEDDED			
66.84		MUDSTONE, VERY CARBONACEOUS; BONE COAL			
70		SILTSTONE, SANDSTONE, MUDSTONE THINLY INTERBEDDED POOR-WELL BEDDED; SS: CROSS-BEDDED			
75		MUDSTONE, VERY CARBONACEOUS, SHALEY; MINOR SILTSTONE			
80		MUDSTONE, VERY CARBONACEOUS, SHALEY; MINOR SILTSTONE			
85		BONE COAL			
85.48		COAL, BRIGHT, BLOCKY, HARD 'B' SEAM 4.60/4.60			
90		SILTSTONE WITH SANDSTONE, MUDSTONE PHASES			
95		SILTSTONE WITH SANDSTONE, MUDSTONE PHASES			
96.90		COAL, CLEAN, BRIGHT, HIGH ASH 96.90-97.05, 97.45-97.48 'A2' SEAM 1.14/1.06			
98.04		SANDSTONE, SILTSTONE, MUDSTONE WELL BEDDED			
99.98		COAL, CLEAN, BRIGHT 'A1' SEAM 1.48/1.48			
100		SANDSTONE, COARSE GRAINED, MASSIVE			
100.46		SANDSTONE, COARSE GRAINED, MASSIVE			
105		105.50 END OF HOLE			


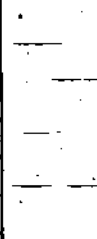
TECK CORPORATION LIMITED

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STRATIGRAPHIC LOG  
OF  
DDH. T-77

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (South Fork) LOCATION Sukunka  
 HOLE NO 77 CORE SIZE HQ DATUM Top of casing  
 CO-ORDINATES 8050.31 N 5342.67 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1490.37 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE -90° TOTAL DEPTH 42.70 M. LOGGED BY B.I. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
LOWER CRETACEOUS	COMMOTION	GATES	0		OVERBURDEN
			5		SANDSTONE, MINOR INTERBEDDED MUDSTONE, MEDIUM TO COARSE GRAINED.
			10		
			15		
			20		
			25		
			30		
			35		
			40		
			42.70		END OF HOLE
			45		
			50		

FINELY INTERBEDDED MUDSTONE, SANDSTONE, SILTSTONE.

TECK CORPORATION LIMITED

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STRATIGRAPHIC LOG  
OF  
DDH. T-78

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (South Fork) LOCATION Sukunka  
 HOLE NO 78 CORE SIZE H.Q. DATUM Top of casing  
 CO-ORDINATES 6860.86 N 6976.32 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1649.51 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE -90° TOTAL DEPTH 82.95 M. LOGGED BY B.I. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
LOWER CRETACEOUS	COMMOTION	GATES	0		OVERBURDEN
			5		SILTSTONE, INTERBEDDED SANDSTONE, MUDSTONE; CONVOLUTED TO WELL BEDDED. MUDSTONE 7.0-8.1
			11.76		COAL, BONE, MUDSTONE MIXED, POOR RECOVERY, 2.06/1.01 'D' SEAM
			15.82		MUDSTONE
			20		MUDSTONE
			25		SILTSTONE, MUDSTONE, MINOR SANDSTONE, CONVOLUTE BEDDING
			30		MUDSTONE
			35		MUDSTONE
			40		MUDSTONE
			40.25		COAL, BRIGHT, BLOCKY; BONE, DIRTY COAL 41.20-41.60, 1.64/0.85 'C' SEAM
			42.0		MUDSTONE, SILTSTONE, SANDSTONE INTERBEDDED. CONVOLUTED-CROSS-BEDDED
			45		MUDSTONE, SILTSTONE, SANDSTONE INTERBEDDED. CONVOLUTED-CROSS-BEDDED
			55		MUDSTONE-SHALE VERY CARBONACEOUS, SILTY 55.5-57.0
			62.98		BONE COAL
			65		COAL, BRIGHT, BLOCKY, LOW ASH VISIBLE, MINOR PYRITE 'B' SEAM 4.34/4.55
67.82		SILTSTONE, MUDSTONE INTERBEDDED			
70		SANDSTONE, COARSE GRAINED, THICKBEDDED. GRITTY			
75		MUDSTONE, SILTSTONE WELL BEDDED			
76.40		COAL, BRIGHT, BLOCKY, LOW ASH 'A2' SEAM			
77.64		MUDSTONE, SANDSTONE INTERBEDDED; BONE COAL 76.62-76.64			
78.04		COAL, CLEAN, BRIGHT, MINOR ASH 1.50/1.50			
80		SANDSTONE, COARSE GRAINED, THICKBEDDED, CARBONACEOUS 'A1' SEAM			
82.95		END OF HOLE			

TECK CORPORATION LIMITED

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STRATIGRAPHIC LOG  
OF  
DDH. T-80

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (south fork) LOCATION Sukunka  
 HOLE NO 80 CORE SIZE HQ DATUM Top of casing  
 CO-ORDINATES 8115.31 N 6812.36 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1490.07 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE 90° TOTAL DEPTH 48.80 M. LOGGED BY B.I. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
LOWER CRETACEOUS	COMMOTION	GATES	0		OVERBURDEN
			5		SANDSTONE, SILTY, COARSE GRAINED
			6.25		MUDSTONE, CARBONACEOUS
			7.55		COAL, BRIGHT TO DULL, 20% ASH, BROKEN 1.50/60 'C' SEAM
			10		SANDSTONE, SILTSTONE, MUDSTONE THINLY INTERBEDDED
			15		COAL 8.20-8.45 (.25/.05) BRIGHT, CLEAN; CARBONACEOUS MUDSTONE 7.55-8.20
			20		MUDSTONE, SILTSTONE MEDIUM INTERBEDDED
			25		MUDSTONE, CARBONACEOUS
			30		SANDSTONE, MEDIUM - COARSE GRAINED, CARBONACEOUS LAMINATES, FRACTURED, IRON STAINED
			30.84		MUDSTONE, SILTY, SANDSTONE LENSES, CARBONACEOUS
35.82		MUDSTONE, VERY CARBONACEOUS			
41.28		SANDSTONE 27.7-28.7			
42.36		BONE COAL, MUDSTONE			
45.14		COAL, BRIGHT, DULL BANDS (90-10) MINOR ASH VISIBLE. 4.48/4.48 'B' SEAM			
48.80		MUDSTONE GRADING TO INTERBEDS			
			41.28		MUDSTONE, CARBONACEOUS, COAL PARTINGS
			42.36		COAL, BRIGHT, BLOCKY, HIGH ASH 41.28, 42.36 1.08/1.08 'A2' SEAM
			45.14		MUDSTONE, SANDY
			46.14		COAL, CLEAN, BRIGHT, BLOCKY 1.33/1.33 'A1' SEAM
			48.80		SANDSTONE, COARSE GRAINED, CARBONACEOUS, THICKBEDDED, CROSS-BEDDED.
			48.80		END OF HOLE

TECK CORPORATION LIMITED

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STRATIGRAPHIC LOG  
OF  
DDH. T-79

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (south Fork) LOCATION Sukunka  
 HOLE NO 79 CORE SIZE HQ DATUM Top of casing  
 CO-ORDINATES 2467.41 N 6867.64 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1582.34 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE -90° TOTAL DEPTH 41.12 M. LOGGED BY B.I. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
LOWER CRETACEOUS	COMMOTION	GATES	0		OVERBURDEN.
			5		SANDSTONE, THINLY INTERBEDDED SILTS, CONVOLUTED BEDDING
			10		MUDSTONE, SILTY, SANDSTONE PHASES AT 8.5 M. COAL PARTINGS AND WISPS, SHELL FRAGMENTS AT 11.60
			15		SANDSTONE, FINE GRAINED, GRITTY PHASES; MINOR SILTS CARBONACEOUS LAMINATES AND WISPS.
			20		MUDSTONE, SILTY 14.1 - 16.1 SANDSTONE PHASE 21.65 - 22.15 VERY CARBONACEOUS, SHALEY, BROKEN.
			24.06		BONE COAL, MUDSTONE
			25		COAL, BRIGHT, BLOCKY; MINOR ASH BANDS 24.06 - 24.59 'B' SEAM 4.75 / 4.25
			28.81		SILTSTONE, SANDSTONE, MUDSTONE THINLY INTERBEDDED FRACTURES WITH COAL PARTINGS BASE OF 'B' SEAM
			34.56		MUDSTONE, SILTY, COAL PARTINGS AND WISPS, VERY CARBONACEOUS WITH LISTRIC SURFACES AT BASE.
			35		COAL, BRIGHT, BLOCKY; HIGH ASH 34.56 - 34.71 1.18 / .82 'A2' SEAM
			36.76		SANDSTONE, SILTSTONE, MUDSTONE, THINLY INTERBEDDED; CLAM SHELLS AT 36.71
			38.30		COAL, CLEAN, BRIGHT, BLOCKY 1.54 / 1.35
40		SANDSTONE, COARSE GRAINED, CARBONACEOUS, COAL PARTINGS AND WISPS THICKBEDDED.			
			41.12 END OF HOLE		



# TECK CORPORATION LIMITED

# 478

## STRATIGRAPHIC LOG OF DDH. T-81

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (South Fork) LOCATION Sukunka  
 HOLE NO 81 CORE SIZE HQ DATUM Top of casing  
 CO-ORDINATES 8633.99 N 5649.76 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1449.60 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE 90° TOTAL DEPTH 4880 M. LOGGED BY B.I. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
LOWER CRETACEOUS	COMMOTION	GATES	0	0	OVERB RVEN
			5		SANDSTONE, SILT PARTINGS, CROSS-BEDDED, MEDIUM GRAINED
			8.96		SILTSTONE, SANDSTONE, MUDSTONE, THINLY INTERBEDDED, SANDSTONE PHASES 7.8-8.8, COARSE GRAINED, CARBONACEOUS.
			10		MUDSTONE, CARBONACEOUS
			10.84		COAL, BRIGHT, BLOCKY 1.88/1.27 'C' SEAM
			15		MUDSTONE
			15		SANDSTONE, GRADING COARSE GRAINED → MEDIUM GRAINED WITH GRITTY PHASES, CARBONACEOUS LAMINATES, SILTY PARTINGS 14.6-16.0
			20		MUDSTONE, SILTY, VERY CARBONACEOUS, COAL PARTINGS 19.0-19.8
			25		SANDSTONE, SILTY PARTINGS; MEDIUM GRAINED → GRITTY
			30		MUDSTONE, INTERBEDDED SANDSTONE TO 22.60, VERY CARBONACEOUS, SHALEY, CLAMS SHELLS AT 31.30, SANDY 29.0-29.5
			35		COAL, BRIGHT, BLOCKY, MINOR VISIBLE 454, 450/450 'B' SEAM
			36.08		MUDSTONE, SILTY
40		SANDSTONE, COARSE GRAINED TO VERY COARSE GRAINED, THICKBEDDED, COAL WISPS AND PARTINGS.			
42.16		MUDSTONE, VERY CARBONACEOUS, COAL PARTINGS, SANDY PHASES			
43.23		COAL, BRIGHT, BLOCKY 1.17/.97 'A2' SEAM			
45.70		MUDSTONE SPLIT			
45		COAL, BRIGHT, BLOCKY 1.58/1.48 'A1' SEAM			
45.28		SANDSTONE			
50		48.80 END OF HOLE.			

TECK CORPORATION LIMITED

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STRATIGRAPHIC LOG  
OF  
DDH. T-82

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (South Fork) LOCATION sukunka  
 HOLE NO 82 CORE SIZE HQ DATUM Top of casing  
 CO-ORDINATES 8589.32 N 6654.35 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1437.98 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE -90° TOTAL DEPTH 44.38 M. LOGGED BY B.I. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
LOWER CRETACEOUS	COMMOTION	GATES	0		OVERBURDEN
			5		SANDSTONE, SILTY PARTINGS, THINLY INTERBEDDED MUDSTONE, CONVOLUTED BEDDING CARBONACEOUS WISPS
			10		MUDSTONE, SANDSTONE THINLY INTERBEDDED COARSE SAND FRACTIONS
			12		MUDSTONE, COAL PARTINGS, SILTY PHASES
			15		SANDSTONE, COARSE GRAINED, CARBONACEOUS, INTERBEDDED SILTSTONE AND MUDSTONE 20%, NUMEROUS CARBONACEOUS WISPS
			20		MUDSTONE, VERY CARBONACEOUS, SHALEY SANDSTONE 218 - 223
			23.88		BONE 23.48 - 23.88
			25		COAL, BRIGHT, BLOCKY, MINOR ASH 23.88 - 24.68 'B' SEAM 4.72 / 4.12
			28.60		MUDSTONE, CARBONACEOUS
			30		SANDSTONE; SILTSTONE AND MUDSTONE THINLY INTERBEDDED MUDSTONE CARBONACEOUS 32.45 - 32.78
			33.82		COAL, BRIGHT, BLOCKY, MINOR HIGH ASH BANDS 1.04, 91 'A' SEAM MUDSTONE, SILTY, CARBONACEOUS
			35		SANDSTONE, MEDIUM TO COARSE GRAINED, COAL WISPS; MUDSTONE VERY CARBONACEOUS
			36.98		COAL, CLEAN, BRIGHT, BLOCKY 1.28 / 1.25 'A1' SEAM
			40		SANDSTONE, COARSE, CROSS-BEDDED, CARBONACEOUS
			45		44.38 END OF HOLE

TECK CORPORATION LIMITED

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STRATIGRAPHIC LOG  
OF  
DDH. T-83

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (South Fork) LOCATION Sukunka  
 HOLE NO 83 CORE SIZE HQ DATUM Top of casing  
 CO-ORDINATES 9247.50 N 5928.00 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1378.74 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE -90° TOTAL DEPTH 38.13 M. LOGGED BY B.I. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
			0		OVERBURDEN
			5		SANDSTONE, THINLY INTERBEDDED SILTSTONE AND MUDSTONE
		GATES	10		SILTSTONE GRADING TO MUDSTONE, SANDSTONE PHASES MUDSTONE: VERY CARBONACEOUS, COAL PARTINGS AND WISPS
			15		SANDSTONE, MEDIUM-COARSE GRAINED, SILTY PARTINGS CROSS-BEDDED
			20		MUDSTONE, SHALEY, VERY CARBONACEOUS SILTY 12.5 - 14.25 SANDSTONE AT 20.0 - 20.40
			22.09		BONE COAL
			25		COAL, BRIGHT, BLOCKY, MEDIUM HARD, MINOR ASH 22.86 - 22.87 'B' SEAM
			26.52		
		COMMOTION	30		SANDSTONE, SILTSTONE, MUDSTONE, THINLY INTERBEDDED
			30.80		MUDSTONE, CLEAN COAL PARTINGS COAL, CLEAN, BRIGHT .12/.01 'A' 2 SEAM MUDSTONE (.14)
			31.98		COAL, CLEAN, BRIGHT, BLOCKY .92/.92
			33.16		SANDSTONE, SILTY PARTINGS; MUDSTONE WITH COAL WISPS 31.98 - 32.05
			34.88		COAL, CLEAN, BRIGHT, BLOCKY 1.42/1.15 'A' 1 SEAM
			35		SANDSTONE
			38.13		END OF HOLE
LOWER CRETACEOUS			40		
			45		
			50		

TECK CORPORATION LIMITED

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STRATIGRAPHIC LOG  
OF  
DDH. T-84

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (West Fork) LOCATION Sukunka  
 HOLE NO 84 CORE SIZE HQ DATUM Top of casing  
 CO-ORDINATES 11309.46 N 3089.57 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1379.05 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE -90° TOTAL DEPTH 99.39 M. LOGGED BY R.S. Verzosa

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
LOWER CRETACEOUS	COMMOTION	GATES	0		OVERBURDEN
			5		SANDSTONE, THIN-BEDDED, FINE-MEDIUM GRAINED, RANDOM PYRITIC IRON ORE CONCRETIONS, CARBONACEOUS SHALEY-SILTY MUDSTONE BANDS.
			10		MUDSTONE, VERY CARBONACEOUS WITH COAL PARTINGS AND BANDS OF UP TO 4 CM
			14.76		COAL, BROKEN, IN PARTS SHEARED, MAINLY SEMI BRIGHT AND DULL. 1.08/1.04
			15.04		VERY HIGH ASH COAL (50%) 14.76-15.0 'E' SEAM
			20		MAINLY SANDSTONE, FINE-MEDIUM-COARSE, SHALEY-SILTY, CROSS-BEDDING, MUDCRACKS AND WHIRLS.
			25		MAINLY MUDSTONE, SHALEY-SILTY, SANDSTONE FACIES.
			30		COAL, SEMI-BRIGHT, BLOCKY, 30% SHALE BANDS.
			32.84		COAL, CLEAN, BRIGHT, WITH 25% SHALEY BANDS.
			35.10		SANDSTONE, FINE-MEDIUM-COARSE, CARBONACEOUS PARTINGS, CROSS-BEDDING AND WHIRLS
LOWER CRETACEOUS	COMMOTION	GATES	40		MUDSTONE, VERY CARBONACEOUS, COAL PARTINGS AND BANDS OF UP TO 3 CM IN PARTS SHALEY AND SILTY; COAL 40.44-40.58 BONE COAL 40.0-40.44
			45		SANDSTONE, FINE-MEDIUM GRAINED, THIN BEDDED, SHALEY, CARBONACEOUS PARTINGS, SILTY PHASES, CLAY PEBBLE BAND.
			51.88		COAL, HARD AND BRIGHT-SEMI BRIGHT, DULL, SHALEY BANDS NEAR BOTTOM, 1.57/1.40
			55.46		HIGH ASH 51.93-51.98 'C' SEAM
			55		MUDSTONE, VERY CARBONACEOUS, COAL PARTINGS AND BAND UP TO 5 CM.
			60		MUDSTONE-SANDSTONE INTERBEDDED, COAL PARTINGS IN MUDSTONE
			65		MUDSTONE, DARK BROWN, SHALEY-SILTY, MINOR SANDSTONE FACIES, UPPER PART-IRON CONCRETIONS.
			73.25		BONE COAL AND SHALE
			73.65		COAL, HARD, ALTERNATING BRIGHT AND SEMI BRIGHT, DULL BANDS 3.49/3.49
			77.34		SHALE PARTING 75.25-75.29 'B' SEAM
LOWER CRETACEOUS	COMMOTION	GATES	80		SANDSTONE, MEDIUM-COARSE, CARBONACEOUS, COAL WHIPS AND PARTINGS, 5 CM CARBONACEOUS MUDSTONE AT TOP.
			85		SANDSTONE-SILTSTONE-SHALE-MUDSTONE, INTERBEDDED, INCREASING MUDSTONE DOWNWARDS.
			91.02		COAL, HARD, BRIGHT, SEMI-BRIGHT AND DULL, 91.02-91.17 30% SHALE BANDS 1.82/1.82
			95		SANDSTONE MASSIVE COARSE TO VERY COARSE, (7) PEBBLE BANDS UP TO 5 CM
			99.39		END OF HOLE
			95		
			90		
			85		
			80		
			75		

TECK CORPORATION LIMITED

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STRATIGRAPHIC LOG  
OF  
DDH. T-85

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (West Fork) LOCATION Sukunka  
 HOLE NO 85 CORE SIZE HQ DATUM Top of casing  
 CO-ORDINATES 1191.99 N 4017.03 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1290.24 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE -90 TOTAL DEPTH 430 M LOGGED BY B. I. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
			0		
			5		OVERBURDEN
			10		MUDSTONE
			15		SANDSTONE, THIN-MEDIUM INTERBEDDED, MUDSTONE, SILTSTONE, SANDSTONE-MEDIUM GRAINED, CARBONACEOUS + SILTY LAMS.
			20		MUDSTONE, CARBONACEOUS, SHALEY
			21.80		COAL, BRIGHT, BLOCKY, 20% ASH 21.80-24.0, BONE COAL 22.28-22.36 5 12/4 33
			25		
			26.92		
			30		SANDSTONE MUDSTONE, THIN TO MEDIUM INTERBEDDED.
			35.14-35.20		COAL 30%, BONE AND MUDSTONE 70%.
			36.88		COAL, GENERALLY BRIGHT, BLOCKY 184/114
			40		
			45		
			50		SANDSTONE, COARSE GRAINED, CARBONACEOUS, THICKBEDDED
			55		
			60		
			65		
			70		
			75		THINLY INTERBEDDED SANDSTONE, SHALE, SILTSTONE.
			80		
			85		END OF HOLE

GATES

COMMOTION

LOWER CRETACEOUS

'B' SEAM

'A' SEAM

430 M

TECK CORPORATION LIMITED

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STRATIGRAPHIC LOG  
OF  
DDH. T-86

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (West Fork) LOCATION Sukunka  
 HOLE NO 86 CORE SIZE HQ DATUM Top of casing  
 CO-ORDINATES 12423.95 N 5299.37 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1567.95 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE -90° TOTAL DEPTH 388.3 M. LOGGED BY R. s. Verzosa

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
			0		OVERBURDEN
LOWER CRETACEOUS	COMMOTION	GATES	5		CONGLOMERATE
			10		
			15		SANDSTONE VERY COARSE, MASSIVE
			20		
			25		SANDSTONE VERY COARSE, GRANULAR TO PEBBLY TO CONGLOMERATIC.
			30		
			33.56		SANDSTONE 5 CM CONGLOMERATE ROOF OF 'B' SEAM
			35		COAL, CLEAR, BRIGHT, BLOCKY. 1.72/1.72 'B' SEAM
			35.68		SANDSTONE, SILTSTONE, MUDSTONE, INTERBEDDED, THIN-BEDDED AND SHALY MUDSTONE FLOOR OF 'B'
			40		SANDSTONE, MEDIUM GRAINED 15 CM BROKEN COAL, CLEAN, BRIGHT.
44.36		SANDSTONE, MEDIUM-GRAINED SHEARED COAL, 3 CM COAL, CHIPS AND MUD SILTSTONE-MUDSTONE INTERBEDDED, SHEARED WITH SOME COAL FRAGMENTS VERY CARBONACEOUS MUDSTONE ROOF.			
45		COAL, CLEAN, BRIGHT, BROKEN 1.12/1.12 HIGH ASH 44.56-44.59 BONE 44.60-44.78 MINOR PYRITE			
45.48					
50		SANDSTONE, COARSE AND MASSIVE			
55					
388.3 M			END OF HOLE		

TECK CORPORATION LIMITED

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STRATIGRAPHIC LOG  
OF  
DDH. T-87

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (West Fork) LOCATION sukunka  
 HOLE NO 87 CORE SIZE HQ DATUM Top of casing  
 CO-ORDINATES 10948.60 N 4653.65 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1276.78 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE -30° TOTAL DEPTH 31.72 M. LOGGED BY B.I. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
			0		
			5		OVERBURDEN
		GATES	10		MUDSTONE, CARBONACEOUS TO VERY CARBONACEOUS SANDSTONE AT 10.22 - 10.68 POOR RECOVERY / BADLY BROKEN
			12.30		
			15		COAL, BRIGHT, ASH 10% ; HIGH ASH 12.30 - 12.74 BENTONITIC 12.53 - 12.60 , 13.70 - 13.73 4.32 / 4.07
			16.62		
			20		SANDSTONE, MUDSTONE, SILTS THINLY INTERBEDDED; COAL WISPS
			25		
			25.25		MUDSTONE, VERY CARBONACEOUS
			26.20		COAL, CLEAN, BRIGHT ; 97 / .45 ; HIGH ASH 25.28 - 25.48
			26.40		MUDSTONE
			27.61		COAL, CLEAN, BRIGHT ; 1.21 / 1.21
			30		SANDSTONE, COARSE GRAINED, CARBONACEOUS, THICKBEDDED BEDDING TO CORE AXIS 85° 31.72 END OF HOLE
			35		
			40		

COMMOTION

'B'  
SEAM

'A'  
SEAM

TECK CORPORATION LIMITED

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STRATIGRAPHIC LOG

OF

DDH. T-88

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (West Fork) LOCATION sukunka  
 HOLE NO 88 CORE SIZE HQ DATUM Top of casing  
 CO-ORDINATES 10999.99 N 4318.36 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1291.71 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE -90 TOTAL DEPTH 42.7 M. LOGGED BY B.I. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
			0		OVERBURDEN
		GATES	5		SILTSTONE, SANDSTONE, MUDSTONE THIN-MEDIUM INTERBEDDED, COALY WISPS, CONVOLUTED BEDDING.
			10		MUDSTONE, SANDSTONE MEDIUM INTERBEDDED SANDSTONE: MEDIUM-COARSE GRAINED, CARBONACEOUS
			15		
			20		MUDSTONE, VERY CARBONACEOUS, SHALEY SANDSTONE AT 21.70-22.05
			23.75		
		COMMOTION	25		COAL, BRIGHT, BLOCKY, ASH 23.75-25.40 (5-10%) MUDSTONE/BONE PARTING 23.90-23.98
			28.30		MUDSTONE, CARBONACEOUS, COALY WISPS
			30		
			35		SILTSTONE, MUDSTONE GRADING TO CONVOLUTED INTERBEDS CARBONACEOUS MUDSTONE WITH SHELLS AT 35.8-35.9
			36.84		MUDSTONE, CARBONACEOUS, CLEAN COAL PARTINGS. COAL, BRIGHT, BLOCKY, 10% ASH 36.84-37.51 2.06/2.06
			38.90		MUDSTONE PARTING 37.48-37.63
			40		SANDSTONE, COARSE GRAINED, CARBONACEOUS, MASS NUMEROUS COAL PARTINGS 38.90-39.25 BEDDING TO CORE AXIS 85°
			42.7		END OF HOLE



TECK CORPORATION LIMITED

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STRATIGRAPHIC LOG

OF

DDH. T-89

VERTICAL SCALE 1:200

PROJECT Bullmoose (West Fork) LOCATION Sukunka  
 HOLE NO 89 CORE SIZE HQ DATUM Top of casing  
 CO-ORDINATES 11369.75 N 2300.30 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1405.29 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE 90° TOTAL DEPTH 115.91 M. LOGGED BY B.I. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
			0		
			5		OVERBURDEN
			10		
			15		MUDSTONE, SILTY, WEATHERED
			18.54		
			19.35		COAL, BONE COAL; DULL TO SEMI BRIGHT, HIGH ASH COAL, .78/.16 'E' SEAM
			20		
			25		SANDSTONE, COARSE-VERY COARSE GRAINED, SALT + PEPPER, COAL WISPS, MUD BLESS, MUDSTONE 19.66-20.02
			30		SILTSTONE, SANDSTONE, MUDSTONE, CONVOLUTED BEDDING
			33.35		MUDSTONE, CARBONACEOUS
			34.28		COAL, CLEAN, BRIGHT, BLOCKY, .92/.26
			35.04		MUDSTONE - BONE, 80-20
			35.54		
			36.78		COAL, SEMI BRIGHT, BLOCKY, MUDSTONE PARTINGS 60% 1.74/.113 'D' SEAM
			37.32		COAL, 20% ASH, DULL-BRIGHT .54/.54
			38.95		MUDSTONE, SANDSTONE; MINOR BONE COAL
			39.14		COAL, CLEAN, BRIGHT; .19/.05
			40		
			45		SANDSTONE, SILTSTONE, MUDSTONE THIN TO MEDIUM INTERBEDDED, CONVOLUTED BEDDING, MINOR IRON CONCRETIONS, COAL WISPS
			50		
			55		SILTSTONE, MUDSTONE, MEDIUM INTERBEDDED
			55.48		MINOR COAL 55.10-55.20
			55.48		BONE COAL
			57.43		COAL, BRIGHT-SEMI BRIGHT, BLOCKY, MINOR ASH 2.01/.30 'C' SEAM
			60		SANDSTONE, SILTSTONE, MUDSTONE, MEDIUM INTERBEDDED, MUDSTONE: COAL WISPS AND PARTINGS, SANDSTONE: MEDIUM GRAINED, CARBONACEOUS WISPS
			65		MUDSTONE, VERY CARBONACEOUS, LISTRIC SURFACES, CLAM SHELLS AT 63.1-64.08, GRADING SILTY DOWNWARDS, CLEAN COAL PARTINGS, MINOR SILTY-SAND FRACTIONS
			70		
			75		SILTSTONE, MUDSTONE MEDIUM INTERBEDDED, CARBONACEOUS
			80		SANDSTONE, MUDSTONE, MEDIUM INTERBEDDED, 70-30
			85		SANDSTONE, MEDIUM-COARSE GRAINED, SILTY PARTINGS, MUD BLESS, CALCITE FRACTURES, PYRITE.
			90		MUDSTONE, VERY CARBONACEOUS, SHALEY, SANDSTONE AT 93.60-93.93
			95		
			96.0		BONE COAL
			100		COAL, BRIGHT, BLOCKY 4.56/4.01, HIGH ASH 96.08-97.02 'B' SEAM
			105		SANDSTONE, MUDSTONE GRADING THIN-MEDIUM TO VERY THINLY INTERBEDDED, CONVOLUTED BEDDING, SANDSTONE: CROSS-BEDDED, COARSE GRAINED, CARBONACEOUS, BEDDING/CORE AXIS 74°
			109.91		MUDSTONE, CARBONACEOUS, LISTRIC SURFACES 'A' SEAM
			111.72		COAL, CLEAN, BRIGHT, BLOCKY 1.82/1.82, MUDSTONE SPLIT 110.66-110.74
			115		SANDSTONE, COARSE GRAINED, MASSIVE, COAL WISPS.
			115.91		END OF HOLE

GATES

COMMOTION

LOWER CRETACEOUS

TECK CORPORATION LIMITED

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STRATIGRAPHIC LOG  
OF  
DDH. T-90

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (West Fork) LOCATION Sukunka  
 HOLE NO 90 CORE SIZE HQ DATUM Top of casing  
 CO-ORDINATES 11124.11 N 2457.19 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1358.13 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE -90° TOTAL DEPTH 35.08 M. LOGGED BY B.I. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
			0		
		GATES	0 - 15.10		OVERBURDEN
			15.10 - 19.58		MUDSTONE, VERY CARBONACEOUS, SHALEY SANDSTONE AT 12.30 - 12.65 BONE 15.0 - 15.10  COAL, BRIGHT, BLOCKY, ASH 10% 'B' SEAM MINOR PYRITE 18.30 - 19.30 4.48 / 3.70
	COMMOTION		19.58 - 20.56		MUDSTONE, SILTY, LIGHT GREY
			20.56 - 23.88		SANDSTONE, SILTSTONE, MUDSTONE THINLY INTERBEDDED, CONVOLUTED SANDSTONE: MEDIUM-COARSE GRAINED, S+P, CROSS-BEDDED MINOR COAL PARTINGS; CLAM SHELLS AT 21.15 + 23.88
			23.88 - 28.84		MUDSTONE, CARBONACEOUS
			28.84 - 30.84		COAL, BRIGHT, BLOCKY, MINOR ASH VISIBLE 'A' SEAM 2.28 / 2.00 SANDSTONE/COAL MIXED AT 30.84 - 30.88
			30.84 - 35.08		SANDSTONE COARSE GRAINED, CARBONACEOUS, UNCONFORMED MINOR COAL PARTINGS
			35.08		35.08 END OF HOLE
			40		

TECK CORPORATION LIMITED

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STRATIGRAPHIC LOG  
OF  
DDH. T-91

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (West Fork) LOCATION Sukunka  
 HOLE NO 91 CORE SIZE H.Q. DATUM Top of casing  
 CO-ORDINATES 11989.93 N 3087.59 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1344.24 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE 90° TOTAL DEPTH 51.82 M. LOGGED BY B.I. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
LOWER CRETACEOUS	COMMOTION	GATES	0		OVERBURDEN
			3.80		COAL, BRIGHT, BLOCKY, CLEAN 2.20 / 1.35
			5		MUDSTONE, BONE COAL, CLEAN COAL PARTINGS 30 " 10
			6.0		
			10		SILTSTONE, MUDSTONE, SANDSTONE THIN TO MEDIUM INTERBEDDED, CARBONACEOUS SANDSTONE MEDIUM-COARSE GRAINED, CROSS-BEDDED, SILTY PHASES, SLUMP STRUCTURES, CONVOLUTED INTERBEDDING
			15		
			20		MUDSTONE - SHALE VERY CARBONACEOUS SANDSTONE AT 25.17 - 25.45
			25		
			28.12		BONE 28.0 - 28.12
			30		COAL, BRIGHT, BLOCKY, DULL BANDS 29.95 - 31.45 HIGH ASH 29.22 - 29.57
35		SANDSTONE, VERY SILTY, THINLY INTERBEDDED MUDSTONE 30-20 COAL WISPS, CALCITE FRACTURES LISTRIC SURFACES			
40		SANDSTONE, COARSE GRAINED, SALT + PEPPER, THINLY INTERBEDDED MUDSTONE MINOR PYRITE			
45		MUDSTONE, SILTSTONE, THINLY INTERBEDDED SANDSTONE 30 " 60 CARBONACEOUS			
45.72		MUDSTONE, SHALEY, CARBONACEOUS, LISTRIC SURFACES			
47.97		COAL, CLEAN, BRIGHT BLOCKY 2.25 / 2.06 HIGH ASH COAL AT 45.72 CLAM SHELLS A SEAM			
50		SANDSTONE, COARSE GRAINED, MASSIVE, COALY WISPS			
51.82		END OF HOLE			
55					

TECK CORPORATION LIMITED

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STRATIGRAPHIC LOG

OF

DDH. T-92

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (West Fork) LOCATION Sukunka  
 HOLE NO 92 CORE SIZE HQ DATUM Top of casing  
 CO-ORDINATES 11583.30 N 3678.05 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1337.5 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE -90° TOTAL DEPTH 105.23 M. LOGGED BY B. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
			0		
			5		OVERBURDEN
			10		SANDSTONE, MEDIUM GRAINED, CROSS-BEDDED, CARBONACEOUS PHASES THINLY INTERBEDDED MUDSTONE
			15		MUDSTONE, COALY TO VERY CARBONACEOUS; MINOR SANDSTONE, IRON CONCRETIONS BRIGHT COAL BANDS 13.11 - 13.50
			16.52 17.34		COAL, BADLY BROKEN; CLEAN COAL, BONE, DIRTY COAL .82/.15 'E' SEAM
			20		MUDSTONE, SILTSTONE, SANDSTONE MEDIUM INTERBEDDED
			25		SANDSTONE MEDIUM-COARSE GRAINED, CARBONACEOUS, CROSS-BEDDED MUDSTONE: CARBONACEOUS-VERY CARBONACEOUS MUDSTONE AT TOP AND BOTTOM.
			27.96 28.16		COAL, BRIGHT TO DULL, .20/.10
			29.66 29.78		MUDSTONE, SILTY TO CARBONACEOUS COAL, CLEAN, BRIGHT, .14/.03
			31.35		MUDSTONE, BONE COAL, COAL PARTINGS, .54/.20
			32.74		COAL MUDSTONE BONE INTERBEDDED .75/.33 'D' SEAM
			34.85 34.95		MUDSTONE, SANDSTONE, SILTSTONE COAL, BRIGHT-DULL, BLOCKY, ASH 10-15%, .52/.36 MUDSTONE FLOOR
			40		MUDSTONE, SILTSTONE MEDIUM INTERBEDDED LITRIFIC CALCITE SURFACES COAL PARTINGS
			45		SANDSTONE, MUDSTONE, SILTSTONE MEDIUM INTERBEDDED MEDIUM GRAINED, MUD BLENDS, CALCITE FRACTURES
			50		SANDSTONE, COARSE GRAINED, CARBONACEOUS 2.20/.136 COAL; CLEAN, BRIGHT; CARBONACEOUS SHALE PARTINGS 10%, MINOR PYRITE MUDSTONE SPLIT 'C' SEAM
			55		COAL, DULL, HIGH ASH; 30% MUDSTONE MUDSTONE, CARBONACEOUS, COAL PARTINGS, PYRITE
			60		SILTSTONE, THINLY INTERBEDDED SANDSTONE, MUDSTONE, CONVOLUTED BEDDING, CARBONACEOUS, SLUMP STRUCTURES. MUDSTONE, VERY CARBONACEOUS, LITRIFIC SURFACES
			65		SANDSTONE, MEDIUM-COARSE GRAINED, CARBONACEOUS WISPS. THINLY INTERBEDDED SILTS AND SHALE.
			67.30 67.85		MUDSTONE SHALE, VERY CARBONACEOUS SANDSTONE AT 65.22 - 65.53 COAL, BRIGHT-DULL, MUDSTONE PARTINGS, .55/.36 MUDSTONE, VERY CARBONACEOUS. BONE 67.85-67.90
			70		CONGLOMERATE, GRADING FINER DOWNWARDS
			87.24		BONE COAL 87.19 - 87.24
			90		COAL, BRIGHT, BLOCKY; HIGH ASH 88.10 - 88.20 HIGH ASH, MINOR PEBBLES, PYRITE AT 87.24 - 87.29 3.36/3.36 'B' SEAM
			95		SANDSTONE, COARSE GRAINED, SILTY TO GRITTY PHASES COAL WISPS, INTERBEDDED MUDSTONE 90.36 - 90.86
			98.68 98.88 98.89		SANDSTONE, COARSE GRAINED, MASSIVE CARBONACEOUS, COAL WISPS. MUDSTONE, COAL PARTINGS. MUDSTONE, BONE, CLEAN COAL PARTINGS 50 - 30 - 20 'A' SEAM
			100		COAL, CLEAN, BRIGHT, BLOCKY; HIGH ASH 98.84 - 98.84, MUDSTONE SPLIT 99.52 - 99.66 1.84/1.75
			105		105.23 END OF HOLE

GATES

COMMOTION

LOWER CRETACEOUS

TECK CORPORATION LIMITED

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STRATIGRAPHIC LOG  
OF  
DDH. T-93

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (west Fork) LOCATION Sukunka  
 HOLE NO: 93 CORE SIZE Hg DATUM Top of casing  
 CO-ORDINATES 11389.65 N 3730.91 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1300.32 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE 90° TOTAL DEPTH 59.78 M. LOGGED BY B.I. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
			0		
		GATES	5		
			10		
			15		OVERBURDEN WITH SANDSTONE AND CONGLOMERATE BOULDERS.
			20		
			25		
	COMMOTION		25		SANDSTONE, THINLY INTERBEDDED SILTSTONE AND SHALE
			30		
			35		SANDSTONE PHASE 35.84 - 36.30
			38.28		
			40		COAL, BLOCKY-CRUSHED, BRIGHT-SEMI BRIGHT BONE AND HIGH ASH BANDS 10% 4.08/3.0 'B' SEAM
			42.36		
			45		MUDSTONE 42.36 - 42.50, COAL PARTINGS
			50		SANDSTONE, CROSS-BEDDED, CARBONACEOUS; MEDIUM-COARSE GRAINED. INTERBEDDED SILTSTONE, MUDSTONE; CONVOLUTED.
			51.16		
			51.42		MUDSTONE, VERY CARBONACEOUS, CLAM SHELLS. BONE, MUDSTONE, DIRTY COAL 51.16 - 51.42 'A' SEAM
			52.80		COAL, BRIGHT, BLOCKY, LOW ASH 1.64/1.6A
			55		SANDSTONE, COARSE GRAINED, CARBONACEOUS WISPS AT 52.74
			60		PEBBLY PHASES 57.0 - 59.78
					59.78 END OF HOLE
LOWER CRETACEOUS					

PR-BULLMOOSE 77(2)A

TECK CORPORATION LIMITED

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STRATIGRAPHIC LOG  
OF  
DDH. T-94

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (West Fork) LOCATION Sukunka  
 HOLE NO 94 CORE SIZE Hq DATUM Top of casing  
 CO-ORDINATES 10977.58 N 3531.08 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1304.49 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE -90° TOTAL DEPTH 25.91 M LOGGED BY B.I. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
		GATES	0		
			5		
			10		OVERBURDEN
			15		
			20		
			20.54	LOST	
			23.03		COAL, BRIGHT, BLOCKY, DULL WITH BRIGHT BANDS; 15% ASH 2.47/1.77 MUDSTONE 21.0 - 21.04 'A' SEAM
			25		SANDSTONE, COARSE GRAINED, CARBONACEOUS, MASSIVE
			25.91		END OF HOLE

TECK CORPORATION LIMITED

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STRATIGRAPHIC LOG  
OF  
DDH. T-95

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (West Fork) LOCATION Sukunka  
 HOLE NO 95 CORE SIZE Hq DATUM Top of casing  
 CO-ORDINATES 11666.14 N 3972.39 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1340.44 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE -90° TOTAL DEPTH 109.80 M. LOGGED BY B.I. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
COMOTION	GATES		0		OVERBURDEN
			5		SANDSTONE, MEDIUM GRAINED, CROSS-BEDDED, CARBONACEOUS. THIN INTERBEDDED MUDSTONE, IRON CONCRETIONS, DISSEMINATED PYRITE.
			11.14		COAL, MUDSTONE, BONE, (75% ASH) 1.06/.60
			12.20		SANDSTONE, SILTSTONE; CONVOLUTED BEDDING 80-20
			15.42		MUDSTONE, VERY CARBONACEOUS, BROKEN COAL PARTINGS, PYRITE
			16.30		COAL, DULL TO BRIGHT BANDS, 50% BONE .88/.15 'E' SEAM
			20		MUDSTONE, SANDY PHASES, SHALEY, CARBONACEOUS. SILTY PHASES TO VERY CARBONACEOUS MINOR BONE, CLEAN COAL PARTINGS.
			27.08		COAL, MUDSTONE 1.0/.36
			28.06		COAL, BONE, MUDSTONE, 30% ASH, 1.24/.57
			28.84		MUDSTONE, COAL PARTINGS 'D' SEAM
			30.08		COAL, CLEAN, BRIGHT, .53/.16
LOWER CRETACEOUS			35		SILTSTONE, MEDIUM INTERBEDDED MUDSTONE; SANDSTONE PHASES. 32.05-32.20 MUDSTONE, CARBONACEOUS, BROKEN.
			40		SANDSTONE, THINLY, INTERBEDDED SILTSTONE AND MUDSTONE NUMEROUS SLUMP STRUCTURES, CONVOLUTED BEDDING
			45		LARGE MUD BLESS IN SANDSTONE AT 47.30-49.72 SANDSTONE: COARSE GRAINED, CROSS-BEDDED, SAND AND PEPPER.
			49.72		BONE, CLEAN COAL PARTINGS 20%, CARBO PYRITE ALONG CLEATS. COAL, BRIGHT, BLOCKY; ASH BANDS WITH PYRITE 50.54-50.59 1.78/1.78 'C' SEAM
			50		MUDSTONE
			51.26		COAL, 15-20% ASH, BLOCKY
			51.68		MUDSTONE, CARBONACEOUS
			52.19		SANDSTONE, SILTSTONE, MUDSTONE MEDIUM INTERBEDDED MUDSTONE: SHALEY, CARBONACEOUS SANDSTONE: MEDIUM-COARSE GRAINED, SILTY PARTINGS, CROSS-BEDDED
			55		MUDSTONE, SHALEY, VERY CARBONACEOUS, LISTRIC SURFACES IRON CONCRETIONS, SANDSTONE PHASES
			60		
			65		
		66.47			COAL, CLEAN, BRIGHT, .33/.18
		66.80			MUDSTONE, CARBONACEOUS, COAL PARTINGS
		70			
		75			
		80			CONGLOMERATE, CHERT PEBBLES 3 MM - 50MM, AVERAGE 10 MM.
		85			
		90			
		93.42			
		95			COAL BRIGHT, BLOCKY, MINOR ASH BANDS; 2.82/2.64 'B' SEAM
		96.24			SANDSTONE, SILTY, THINLY INTERBEDDED MUDSTONE; COAL PARTINGS 96.24-96.27
		100			SANDSTONE, COARSE GRAINED, SALT + PEPPER, CARBONACEOUS WISPS. SANDSTONE, MUDSTONE, THIN-MEDIUM INTERBEDDED. CROSS-BEDDED, CONVOLUTED INTERBEDS.
		105.05			MUDSTONE, VERY CARBONACEOUS, COAL PARTING 104.86-104.89 'A' SEAM
		105.08			COAL, BRIGHT, HIGH ASH 105.08-105.11 .54/.62 SEAM
		105.79			COAL, BRIGHT, BLOCKY, CLEAN; SANDSTONE/COAL MIXED 30-70 AT 106.67-106.68 .84/.84
		106.62			SANDSTONE, COARSE GRAINED, CARBONACEOUS, MASSIVE.
		110			109.80 END OF HOLE

STRATIGRAPHIC LOG  
OF  
DDH. T-96

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (West Fork) LOCATION Sukunka  
 HOLE NO 96 CORE SIZE Hq DATUM Top of casing  
 CO-ORDINATES 11992.29 N 3683.62 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1325.70 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE 90 TOTAL DEPTH 111.25 M. LOGGED BY B.I. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
			0		
		GATES	5		
			10		OVERBURDEN
			15		
			20		
			25		MUDSTONE, SANDSTONE MEDIUM INTERBEDDED
			25		MUDSTONE: CARBONACEOUS, SHALEY SANDSTONE: MEDIUM-COARSE GRAINED, CARBONACEOUS, WITH CONVOLUTED INTERBEDS OF SILTSTONE AND MUDSTONE. MINOR CALCITE FRACTURES.
			29.88		MUDSTONE, CARBONACEOUS, SHALEY
			30.30		COAL, BRIGHT, 40% ASH, .52/.07
			31.80		MUDSTONE, MINOR SANDSTONE, PYRITE, COALY PARTINGS.
			33.80		COAL - BONE - MUDSTONE INTERBEDDED; COAL: CLEAN, BRIGHT, BLOCKY 1.0/.74
			34.70		50 - 20 - 30 MUDSTONE - BONE PARTING D SEAM
			35.80		COAL, DULL-BRIGHT, 30% TOTAL ASH, 1.10/1.10
			36.56		BONE, MUDSTONE 80-20 TOTAL COAL: 3.32/2.09
			37.10		COAL, CLEAN, BRIGHT 34.10-34.36
			35		SILTSTONE GRADING TO MUDSTONE, SHALE + COAL PARTINGS.
			36.40		COAL, CLEAN, BRIGHT .44/.20
			36.84		MUDSTONE - SHALE
			40		
			45		MUDSTONE, SILTSTONE, SANDSTONE THIN-MEDIUM INTERBEDDED. SANDSTONE: CONVOLUTED INTERBEDDING.
			48.08		SANDSTONE, COARSE GRAINED, CLEAN, SHALE PARTINGS 48.08-48.28
			48.28		SHALE, CARBONACEOUS
			50		COAL, BLOCKY, SEMI-BRIGHT TO BRIGHT 10% ASH 1.24/1.04 C SEAM
			50.83		MUDSTONE - BONE - CLEAN COAL PARTINGS
			50.87		COAL, CLEAN, SEMI-BRIGHT; 50.82-51.12 20% ASH, .55/.55 TOTAL SEAM: 2.23/1.93
			51.12		MUDSTONE, COAL WISPS.
			55		SANDSTONE, MUDSTONE MEDIUM INTERBEDDED; CARBONACEOUS, COAL PARTINGS. SANDSTONE: SILTY, MEDIUM GRAINED.
			55		SANDSTONE, COARSE GRAINED TO GRITTY; COAL WISPS
			60		MUDSTONE, SHALEY, CARBONACEOUS - VERY CARBONACEOUS SANDSTONE 62.38-62.68
			64.78		BONE COAL
			65.20		COAL, CLEAN AND BRIGHT, MINOR MUDSTONE PARTING, .42/.42 MUDSTONE, COALY; PEBBLY.
			70		
			75		
			80		CONGLOMERATE, GRADING MEDIUM-COARSE-FINE PEBBLES, SIZE 2-30 MM AVERAGE 9-10 MM
			85		
			90		
			95		SANDSTONE, MEDIUM GRAINED, THICKBEDDED.
			98.70		
			98.82		COAL, BRIGHT, BLOCKY; MINOR PYRITE AT 98.40 2.52/2.32 B SEAM
			100		MUDSTONE
			100		SANDSTONE, COARSE GRAINED, COAL WISPS MUDSTONE, VERY CARBONACEOUS, 99.40-99.70 SILTY 99.70-100.34
			105		MUDSTONE, CLEAN COAL PARTINGS, CLAM SHELLS
			106.16		COAL, CLEAN, BRIGHT
			106.74		BONE-MUDSTONE SPLIT 106.74-106.84
			107.70		COAL, CLEAN, BRIGHT, BLOCKY; HIGH ASH AT 106.84
			110		SANDSTONE, COARSE GRAINED, CARBONACEOUS, MASSIVE LARGE COAL WISPS 107.16-107.46
			111.25		END OF HOLE

LOWER CRETACEOUS

COMMOTION



TECK CORPORATION LIMITED

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STRATIGRAPHIC LOG  
OF  
DDH. T-97

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (West Fork) LOCATION Sukunka  
 HOLE NO 97 CORE SIZE HQ DATUM Top of casing  
 CO-ORDINATES 11037.90 N 4948.08 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1290.99 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE 90° TOTAL DEPTH 39.62 M. LOGGED BY B.I. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
			0		
		GATES	5		OVERBURDEN
			10		
			15		MUDSTONE, VERY CARBONACEOUS, SHALEY; SANDSTONE AT 16.47 - 16.77 HIGH FS AT 15.24. CLAM SHELLS AT 14.97 AND 18.66. BONE 18.98 - 18.76.
			18.76		
			20		B SEAM COAL, DULL TO BRIGHT, BLOCKY, MUDSTONE 20.45 - 20.72, DISSEMINATED PYRITE. 4.56/4.0
			23.92		
	COMMOTION		25		SANDSTONE, MUDSTONE, SILTSTONE, THINLY INTERBEDDED, CONVOLUTED
			30		
			32.70		MUDSTONE, VERY CARBONACEOUS, PYRITE, COAL PARTINGS COAL, CLEAN, TOP 12 CM COAL, MUDSTONE, MUDR. 32.72 - 32.95, A2 SEAM MUDSTONE, 20 M
			34.40		COAL, CLEAN, BRIGHT AND BLOCKY, A1 SEAM 1.0/1.0
			35		
			40		SANDSTONE, COARSE GRAINED, CARBONACEOUS, MASSIVE COAL/SANDSTONE CONTACT LARGE COAL WISPS TO 35.05.
			40		39.62 END OF HOLE
			45		
			50		
LOWER CRETACEOUS					

TECK CORPORATION LIMITED

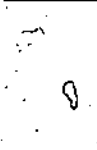


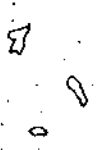
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STRATIGRAPHIC LOG

OF  
DDH. T-98

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (West Fork) LOCATION Sukunka  
 HOLE NO 98 CORE SIZE HQ DATUM Top of casing  
 CO-ORDINATES 11253.16 N 5302.56 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1261.71 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE 90° TOTAL DEPTH 15.29 M LOGGED BY B. I. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
LOWER CRETACEOUS	COMMOTION	GATES	0		
			5		OVERBURDEN CASING TO 9.14 M
			6.9		COAL, C + B, BROKEN 7' / 42
			11.87		MUDSTONE, 1.14 M COAL, CLEAN, BRIGHT AND BLOCKY, .85 / .85 A SEAM
			15		SANDSTONE, COARSE GRAINED, CARBONACEOUS, MASSIVE
			15.29		15.29 END OF HOLE
			20		

TECK CORPORATION LIMITED

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STRATIGRAPHIC LOG  
OF  
DDH. T-99

VERTICAL SCALE 1 : 200

PROJECT Bullmoose (South Fork) LOCATION Sukunka  
 HOLE NO 99 CORE SIZE HQ DATUM Top of casing  
 CO-ORDINATES 9149.50 N 6128.25 E DATE STARTED \_\_\_\_\_  
 COLLAR ELEVATION 1399.31 METRES DATE FINISHED \_\_\_\_\_  
 HOLE ANGLE 90° TOTAL DEPTH 50.30 M. LOGGED BY B.J. McClymont

SERIES	FORMATION	MEMBER	DISTANCE FROM DATUM	COLUMNAR SECTION	LITHOLOGIC DESCRIPTION
LOWER CRETACEOUS	COMMOTION	GATES	0		OVERBURDEN
			5		SANDSTONE, MUDSTONE, SILTSTONE, THINLY INTERBEDDED, VERY CONVOLUTED.
			10.42		MUDSTONE, SHALEY, VERY CARBONACEOUS.
			12.31		COAL, BRIGHT - MINOR DULL BANDS, BLOCKY, MUDSTONE PARTING 11.71-11.87 1.89/1.41
					MUDSTONE, CARBONACEOUS
			15		SANDSTONE WITH THINLY INTERBEDDED SILTSTONE AND MUDSTONE, CONVOLUTED 90-10-10
			20		SILTSTONE, MUDSTONE MEDIUM INTERBEDDED, VERY CARBONACEOUS MUDSTONE
			25		SANDSTONE, COARSE GRAINED; PHASES THINLY INTERBEDDED MUDSTONE
			30		MUDSTONE, SHALE; CARBONACEOUS - VERY CARBONACEOUS, MINOR BONE COAL, SANDSTONE 31.88 - 32.18
			35.68		BONE COAL
			35.96		'B' SEAM
					COAL, BRIGHT, BLOCKY, CLEAN; HIGH ASH 34.38-35.29, 4.92 / 4.29
			38.88		MUDSTONE, SILTY, CLEAN COAL PARTINGS. SANDSTONE, MUDSTONE VERY THINLY INTERBEDDED
			40		SANDSTONE, THINLY INTERBEDDED MUDSTONE.
			43.52		MUDSTONE, SANDSTONE PHASES 15%, COALY PARTINGS. COAL, BRIGHT - DULL BANDS, LOW ASH, BONE - MUDSTONE 43.72-43.96 'A2' SEAM 1.50/1.13
45		MUDSTONE, SANDSTONE, VERY CARBONACEOUS, PYRITE			
46.78		COAL, BRIGHT TO SEMI-BRIGHT, BLOCKY, CLEAN. 1.58/1.50, 'A1' SEAM			
47.56		SANDSTONE, COARSE GRAINED, THICK BEDDED, CARBONACEOUS			
50		50.30 END OF HOLE			
		55			