



# DIAMOND DRILL HOLE LOG

## TECK CORPORATION

Page 1 of 5

## LEGEND

## SURVEY

Depth Bearing Inclination

Property MINTO Hole No. 93-A  
Location YUKON Bearing at collar \_\_\_\_\_  
RECORD 248 Inclination at collar -90°  
Coord.- Collar N 11069.8  
E 9953.4 Length 331'  
Elev.- Collar 2729.8 Core Size HQ  
Date Started 21/SEPT/93  
Date Completed 23/SEPT/93 Logged By PF

## LITHOLOGY, ALTERATION, MISC.

Depth

## GRAPHIC LOG

## MINERALIZATION

## RECOVERY

## ANALYTICAL

BOX

0-14 OVERBURDEN 01

14-81 PORPHYROBLASTIC GRANODIORITE (10)

HIGHLY BROKEN, WEATHERED Bi  
GRANODIORITE. WEAKLY LIMONITIC

NO CORE &gt; 0.5' LONG.

A FEW PEGMATITE VEINS.

NO CARBONATES NOTED  
UNTIL 10058-60 GREEN ANDESITE  
DYKE (12) @ 35°0  
10  
20  
30  
40  
50  
600  
10  
20  
30  
40  
50  
60

CASING TO 20'

Run %

Sample

Interval to

width

15

20.5

26

31

36

42

45.5

48

51

56

76

3170

47-48

1

ABA

3171

58-59

1

ABA

Box 1

Box 2

Box 3

DDH:  
93-A

LITHOLOGY, ALTERATION, MISC.	Depth m	GRAPHIC LOG	MINERALIZATION	RECOVERY		ANALYTICAL							BOX
				Run	%	Sample	Interval to	width	Ag g/t	Ag ppm	Cu %		
	60.0	5.0		61									
	62.0	10			70								
	64.0	4.5		65	60								Box 4
	66.0	3.0	WELL FRACTURED										
	68.0	10		69	40	2164	77-81	4	ABA	3199	ABA	RESAMPLE	
	70.0	10	PROBABLY RIPPING LIMIT ↓	71		2165	88-90	14	ABA	3195	ABA	RESAMPLE	
	72.0	10			75								
77-81 WEAK MALACHITE ON FRACTURES	74.0	MAL		75									
	76.0	MAL			99								
	78.0	MAL		78.5		4593	77-81	4					Box 5
	80.0	MAL			92								
81-95 MINERALIZED ZONE? HIGHLY BROKEN & OXIDIZED ZONE WITH FRAGMENTS OF POSSIBLE SILICEOUS ORR (2) CONTAINING SOME MAGNETITE.	82.0	15'		81									
	84.0	10'			15	4594	81-85	4					
	86.0	MAL	NOTE POOR RECOVERY SAMPLING IS NOT LIKELY TO BE HIGHLY REPRESENTATIVE										
	88.0	45'		85									
	90.0	45'			47								
	92.0	45'				4595	85-95	10					
	94.0	45'		90.5									
	96.0	45'			22								
95-141 PORPH. GRANODIORITE. (10)	98.0	45'		95									
	100.0	45'		97	25								Box 6
CHLORITE - HEMATITE ALT. STRONG TO 126' - FAULT RELATED. CaCO <sub>3</sub> PRESENT	102.0	45'			36								
	104.0	45'		103									
	106.0	45'		104	95								
	108.0	45'		107	73	3172	106-107	1	ABA				
HIGHLY FRACT.	110.0	45'		109	40								
	112.0	45'		111	65								Box 7
	114.0	45'		113									
	116.0	45'		114	40								
	118.0	45'			96								
FAULT ZONE 119-119.5 CLAYS. NO ESTIMATE OF CORN ANGLE POSSIBLE.	120.0	45'	FAULT	119									
	122.0	45'		119.5	80								
	124.0	45'		121.5	65								
	126.0	45'		123.5	65								
	128.0	45'			52								
126-126.5 QUARTZ CROOKES UNMINERALIZED	130.0	45'	WEATHERED LIMIT	126	96								Box 8

DBH:  
93-A



LITHOLOGY, ALTERATION, MISC.	Depth	GRAPHIC LOG	MINERALIZATION	RECOVERY		ANALYTICAL						BOX
				Run	%	Sample	Interval to	width				
200.5- 238 GRANODIORITE (9) TRACES CALCITE ESSENTIALLY UNALTERED, WEAKLY FRACTURED.	200			201								Box 14
					100							
				206								
					100							
213.5- 215.5 SMALL FAULT @ 20°? WITH NEMATITE, CHLORITE CLAYS.	210			211								
					100							
				214								Box 15
					100							
	220			221								
					100							
221- 234 SMALL LIMONITIC FAULT ALMOST // CORE. SLICKENSIDES PLUNGE @ 40° FROM CORE AXIS TO 20° SUSPECT REVERSE MOTION. FROM SNICK	230			226								
					100							
				231								Box 16
					100							
TRACES CALCITE ON FRACT, 238- 277.8 PORPH. GRANODIORITE (10) WEAK. CHLORITE - EPIDOTE ALT. SLIGHTLY FRACTURED @ TOP OF SECTION.	240			236								
					100	3173	234-235	1	ABA			
				241								Box 17
					100							
INCREASE IN FRACTURING DOWNWARD TOWARDS ORR ZONE ALSO INCREASING CO <sub>3</sub> ON FRACTURES.	250			246								
					100							
				251								Box 18
					100	3174	251-252	1	ABA			
				256								
					100							
INCREASING CHLORITE ALT.	260			261								
					100							
				266								
					100							

[illegible]

DRILLHOLE NO. 93 APAGE 1DATE LOGGED: 22 OCT 93 BY: P.F.

## RMR DRILLCORE LOGGING FORM

INTERVAL		Lith.	Length	No. Joints	S2	Strength (MPa) S1	JOINT CONDITION				RMR	
From	To						Large (A)	Small (B)	Alt. (C)	Fill (D)	S3 (A*B*C*D*40)	S1+S2+S3
0	14	OVERBURDEN										
14	20.5	10	6.5		2	7	90	80	100	30	9	18
20.5	31	10	10.5		12	7	90	80	100	80	23	42
31	61	10	30		7	7	90	80	100	80	23	37
61	75	10	14		6	7	90	80	100	80	23	36
75	81	10	6		9	7	90	80	100	80	23	39
81	103	2?	22		2	7	90	80	100	60	17	26
103	105	FAULT <sup>2</sup> ZONE CLAYS, GROUND ROCK										2
105	114	10	9		6	7	90	80	100	80	23	36
114	119	10	5		12	8	90	80	100	80	23	43
119	119.5	FAULT 1.5' - CLAYS										2
119.5	126	10	6.5		6	7	90	80	100	80	23	36
126	141	10	15		12	8	90	80	100	80	23	43
141	146	10	5		12	8	90	80	100	80	23	43
146	161	10	15		18	8	90	80	100	80	23	49
161	181	10	20		24	9	90	80	100	90	26	59
181	186	10	5		12	8	90	80	100	80	23	43
186	196	10	10		21	9	90	80	100	90	26	56
196	202	10/12	6		21	7	90	80	100	80	23	51
202	238	10	36		15	9	90	80	100	70	20	44
238	253	10	15		21	10	90	80	100	90	26	57
253	255	10	2		12	10	90	80	100	80	23	45
255	263	10	8		24	10	90	80	100	90	26	60
263	272	10	9		10	10	90	80	100	70	20	40
272	278	10	6		13	10	90	80	100	70	20	43
278	301	ORE	23		18	5	90	80	100	50	14	37