DIAMOND DRILL HOLE LOG
TECK CORPORATION

Property MINTO
Location YUKON
RECORD
Coord.– Collar N 10,750.0
E 10,103.4
Elev.– Collar 2641.7
Date Started 05/OCT/93
Date Completed 06/OCT/93

Hole No. 93 H
Bearing at collar
Inclination at collar -90°
Length 300'
Core Size HQ
Logged By PF.

LEGEND

SURVEY

Depth	Bearing	Inclination

LITHOLOGY, ALTERATION, MISC.

0-52 OVERBURDEN.

52-85 PORPH GD (10)
STRONGLY OXIDIZED. HIGHLY BROKEN

TRACES CALCITE THROUGHOUT.

85-104 FOLIATED GRANODIORITE (5)
HIGHLY BROKEN - OXIDIZED

Depth MD

GRAPHIC LOG

MINERALIZATION

CASING TO 72'

TRACE MAL ON FRACT.

85-87.5 MALACHITE ON FRACT & FOL.

96-104 WEAK MALACHITE MV, MIN.

RECOVERY

Run	%
52	
	40
56	
	60
59	
62	
	60
	28
67	
	57
71	80
72	
	43
75.5	
79	
	51
82	
	53
84.5	80
	80
87.5	
	62
92	
	75
96	
	73
99	

ANALYTICAL

Sample	Interval to	width	Au g/t	Ag g/t	Cu %	
4597	85-87.5	2.5	0.003	1.2	0.42	
3192	85-87.5	1	ABA			
4598	96-99	3	0.002	<1.0	0.17	
005042	96-99	3	ABA	SAMPLE		

BOX

Box 1
Box 2
Box 3
Box 4

DDH: 93 H

LITHOLOGY, ALTERATION, MISC.

104 - 139.5 PORPH GRANODIORITE (10)

OXIDIZED, HIGHLY FRACT.

TRACES CALCITE.

STRONG OX + LIM.

139.5 - 141 QUARTZ-MAGNETITE VEIN. RELATIVELY UNOXIDIZED.

141 - 170 BIOTITE QTZ FELD GNEISS (6) OR HIGHLY FOLIATED GRANODIORITE

HIGHLY FRACTURED TO 160.

MAGNETITE DISSEM. THROUGHOUT.

HEM STAINING THROUGHOUT.

Bi → CHL QUITE STRONG

WEAK CLAY ALT OF FELDSPARS.

CALCITE TENSION FRACTURES.

GRAPHIC LOG

Depth: 100, 110, 120, 130, 140, 150, 160, 170

LIM, CLAY, MAG, MAL, TR. Cp, Cu, Cp, BN

45°, 90°

MINERALIZATION

CLAY ON FAULT, POSSIBLY TALC.

CLAY, MAYBE TALC

MAL, Cp, BN MAG. LIM.

MALACHITE ZONE 141 - 159.5'

NO SULFIDES

MALACHITE

159.5 - 167 OXIDE, SUPERGENE ZONE. NATIVE Cu, SOME CUPRITE.

SULFIDE ZONE

RECOVERY

Run	%
102	73
	98
106.5	
	78
112	
114	90
	61
122	
	80
127	
	60
132	
	76
137	
	82
146	
	65
150	
	80
153	
	92
158	
162	
168	

ANALYTICAL

Sample	Interval to	width	Au oz/t	Ag g/t	Cu %	
005040	99-104	5	ABA	EXTRACTION		LEACH
4599	99-104	5	0.002	<1.0	0.24	
005043	104-107	3	ABA	SAMPLE		
005044	127-130	3	ABA	SAMPLE		
4600	139.5-141	1.5	0.025	5.9	1.44	
4601	141-146	5	0.003	1.0	0.38	
005041	139-150	11	ABA	EXTRACTION		LEACH
4602	146-153	7	0.008	2.1	0.75	
2186	151.0-153.0	2.0	ABA			
4603	153-159.5	6.5	0.008	2.2	0.84	
4604	159.5-167	7.5	0.009	2.7	0.79	
2187	160.0-164.0	2.0	ABA			
MET. SAMPLE 167.0' TO 204.0'						
4631	167.0-170.0	3.0	.009	3.2	0.73	
005045	167-170	3	ABA			

BOX

Box 5, Box 6, Box 7, Box 8, Box 9, Box 10

DDH: 93-1

LITHOLOGY, ALTERATION, MISC.

170 - 173 GRANODIORITE (9)
HEM STAINED.
173 - 186.7 FOLIATED GRANODIORITE (5)
173 - 175 SEMI MASSIVE MIN.
SHEAR RELATED @ 90°
175 - 179.5 HIGHLY BROKEN ZONE
WITH HEAVY LIM.
184 FAULT - 1/2" GOUGE LIM.
HEM STAINING, CHLORITE & STRONG
186.7 - 189.5 QUARTZ-MAGNETITE VEIN.

189.5 - 202 BIOTITE QTZ-FELD GNEISS (16)

STRONG CHLORITE ALT, HEM STAINING
SOME SERICITE AND CLAY ALT
OF SOME FELDSPARS. CALCITE
TENSION FRACS.

202 - 210.5 FOLIATED GD. (5)
WELL SHEARED & MINERALIZED.
SIMILAR TO ABOVE EXCEPT
LESS FOLIATED. CHL - HEM ALT STRONG
CLAY - WELL FRACT. PATCHY
SILICA ALT & KSPAR.
210.5 - 213 PEGMATITE - QTZ-KSPAR (11)

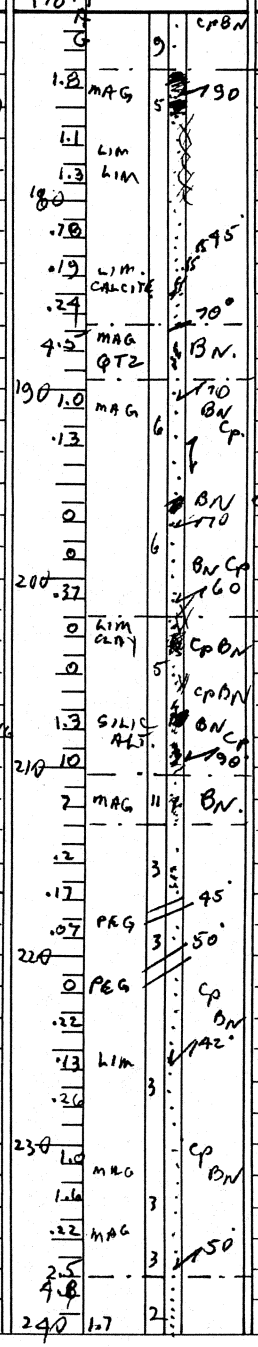
213 - 237 KSPAR RICH QUARTZOFELDSPATHIC
GNEISS (3). SOME SECTIONS CONTAIN
HIGHLY FOLIATED GRANODIORITE.

CUT BY SMALL BARREN PEGS.

CLAY AND CHLORITE ALT. TRACEL
LIM ON STRNG FRACTURES
CALCITE.

213 - 237 MET SAMPLE 001656 NOV, 1994
1/3 SPLIT CORE REMAINING.
BOTTOM OF SHEET RUBBLY/BOLES SHEAR
ZONE.
237 - 242 SILICEOUS ORE (2)
HIGHLY BROKEN QTZ-MAG.

Depth / GRAPHIC LOG



MINERALIZATION

WEAK CP. BN
CP, BN HI GRADE.
PROBABLE RIPPING LIMIT
WELL MIN. WITH BORNITE
(NO CP)
PATCHY WELL MINERALIZED
SECTIONS. BORNITE > CP.
BN = CP.
CP = BN.
WELL MINERALIZED
WELL MINERALIZED FRACT
+ INCLUSION IN PEG.
BN - CP
CP > BN.
CP >> BN.

RECOVERY

Run	%
172	
	88
177	
	48
179.5	
	100
182	
	96
187	
	80
189	
	94
192	
	100
197	
	99
202	
	96
207	
	92
212	
	100
217	
	99
222	
	99
227	
	99
232	
	100
237	
	83
240	

ANALYTICAL

Sample	Interval to	width	Au g/t	Ag ppm	Cu %		BOX
4632	170.0 - 173.0	3.0	.014	3.1	0.57		
3193	170 - 172	1	ABA				
4633	173.0 - 178.0	5.0	.073	16.4	3.42		
4634	178.0 - 183.0	5.0	.012	3.7	0.65		BOX 11
4635	183.0 - 186.7	3.7	.021	15.1	2.26	✓	
4636	186.7 - 189.5	2.8	.040	30.2	4.89		BOX 12
4630	190.3 - 191	0.7	SRK STRENGTH				
TEST.							
4637	189.5 - 196.0	6.5	.037	26.5	4.11		
(05)	190 - 202	LAKEFIELD		ABRASION		TEST	
4638	196.0 - 202.0	6.0	.013	6.3	1.14		BOX 13
4639	202.0 - 207.0	5.0	.048	18.9	2.40		
(03)	202 - 210	LAKEFIELD		ABRASION		TEST	
4640	207.0 - 210.5	3.5	.058	23.6	5.66		
4641	210.5 - 213.0	2.5	.024	14.9	3.39		BOX 14
4642	213.0 - 218.0	5.0	.048	21.4	4.32		
(06)	213 - 237	LAKEFIELD		ABRASION		TEST	
4643	218.0 - 223.0	5.0	.023	15.3	3.17		BOX 15
4644	223.0 - 228.0	5.0	.026	8.5	2.07		
4645	228.0 - 233.0	5.0	.016	6.5	1.75	✓	
							Box 16
4646	233.0 - 237.0	4.0	.020	6.7	2.14		
BLASTING SAMPLE TAKEN AT 240'							

DDH: 93-7

LITHOLOGY, ALTERATION, MISC.	MINERALIZATION
237-242 NET SAMPLE 001653 NOV, 1994	Cp >> Bn FINELY
242-300 NO CORE LEFT GRANODIORITE (9)	DISSEM THROUGH
ESSENTIALLY UNALTERED.	QUARTZITE LIKE ROCK.
WELL FRACTURED FROM 242-252	
264.5 - 266 FOLIATED BIOTITE RICH ZONE WITH Cp.	

Depth: 240, 250, 260, 270, 280, 290, 300

GRAPHIC LOG: 2 Cp; 9; 21M; 9; 25°; Cp.; 9; 9; 9

RECOVERY Run	RECOVERY %

ANALYTICAL Sample	Interval to	width	Au g/t	Ag ppm	Cu %	BOX
4647	237.0 - 242.0	5.0	1.032	13.1	4.71	BOX 16
						BOX 17
						BOX 18
4605	264.5-266	1.5	0.013	13.8	9.51	
						BOX 19
						BOX 20
						BOX 21

DDH: 93 H

DRILLHOLE NO. 93-G

DATE LOGGED: 16 OCT 93 BY: R.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
56	62			INTENSE FRACT. INCOMPETENT ROCK								0
62	86	10	24		12	8	80	90	100	60	17	37
86	88	FAULT	2									0
88	108	10	20		12	8	80	90	100	80	23	43
108	109	FAULT										0
109	117	10	8		20	9	80	25	100	90	27	56
117	124	5	7		10	6	80	90	100	90	26	41
124	127	9	3		12	10	80	90	100	90	26	48
127	137	7	10		10	4	80	90	100	80	23	37
137	145	5	8		5	7	80	90	100	90	26	38
145	147	3	2		0	14	80	90	100	80	23	37
147	157	3	10		7	14	80	90	100	80	23	44
157	170	5	13		15	7	80	90	100	80	23	45
170	172	FAULT										0
172	180	7	8		15	2	80	90	100	75	22	39
180	187	5	7		10	7	80	90	100	80	23	40
187	198	3	11		7	12	80	90	100	80	23	42
198	202	9	4		25	10	80	90	100	80	23	58
202	210	5	8		21	7	80	90	100	80	23	51
210	222	6	12		12	7	80	90	100	80	23	42
222	225	2	3		10	12	80	90	100	90	26	48
225	252	10	27		24	14	80	90	100	90	26	74

DRILLHOLE NO. 9314 PAGE 1

DATE LOGGED: 23 OCT BY: PF

RMR DRILLCORE LOGGING FORM

INTERVAL From	INTERVAL To	Lith.	Length	No. Joints	S2	Strength (MPa) S1	JOINT CONDITION Large (A)	Small (B)	Alt. (C)	Fill (D)	RMR S3 (A*B*C*D*40)	RMR S1+S2+S3
50	85	10	35		VERY WEAK, FAULTED,			OXIDIZED.			NO CORE > 0.5' IN LENGTH. 3 PIECES CORE 0.5' LONG.	
85	104	5	19		VERY WEAK, FAULTED,			OX.				
104	140	10	36		VERY WEAK, FAULTED,			OX.				
140	160	6	20		VERY WEAK FAULTED			OX				
160	170	6	10		11	4	80	90	100	45	13	28
170	173	9	3		12	7	80	90	100	60	17	36
173	187	5	14		11	6	80	90	100	60	17	35
187	197	6	10		21	6	80	90	100	80	23	50
197	207	6	10		7	6	80	90	100	70	20	33
207	213	5	6		7	6	80	90	100	70	20	33
213	237	3	24		11	6	80	90	100	80	23	40
237	242	2	5		2	16	80	90	100	90	26	44