



DIAMOND DRILL HOLE LOG

TECK CORPORATION

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LEGEND

SURVEY

Depth	Bearing	Inclination
10'		58°
147'		60°
287'		61°
437'		58°

Property MINTO Hole No. 99-06
 Location OPEN PIT AREA Bearing at collar 220.7
 Inclination at collar -60°
 Coord. - Collar N 10952.2
 E 9906.5 Length 447' 223
 Elev. - Collar 2698.0 Core Size HQ
 Date Started 25/MAR/99
 Date Completed 27/MAR/99 Logged By RAD APR 02/99

LITHOLOGY, ALTERATION, MISC.	Depth	GRAPHIC LOG	MINERALIZATION	RECOVERY		ANALYTICAL							BOX
				Run	%	Sample	Interval to	width					
6-10 NO CORE CASING	0			0									Box 1 0-49'
	5				0								
10-12 50% recovery rounded cobbles ALT. f.b. Qtz	10			10	50								
12-17 SANDY DISINTEGRATED GRANITE	15			12	20								
17-37 NO CORE SAND	20			17									
	25				0								
	30												
	35												
37-70.5' Porphyroblastic Granodiorite	40			37	80								
40-43 STRONG epidote ALTN.	45			40	50								
	50			42	90								Box 1 0-49'
				44	65								
49' 1" Pyroxenite 045° ca				47									
				52	100								

DDH:

99-06

LITHOLOGY, ALTERATION, MISC.	Depth	GRAPHIC LOG	MINERALIZATION	RECOVERY		ANALYTICAL							BOX
				Run	%	Sample	Interval to	width					
Core FRACTURED & Broken to 67'	50												
	55			52	20								
				56									
	60	10			86								2
				59									
62-67 Fe-oxide coated FRACUM			62-67 weak MAL STAIN		55								
only FOOT @ 45° ca			m FRACTURES	62									
trace malachite	65				83								
			67-68 MALACHITE	67	100								
	70	Peg		68	100								
70.5-71.5 Pegmatite 80° ca			70.5-71.5 MALACHITE										
malachite stain			STAIN	72									
71.5-144 Porphyroblastic	75				91								3
GRANODIORITE				76									
10-15 K'spale megacryst/FT					95								
	80			80									
					100								
	85	10		85									4
					100								
	90			90									
				92	87								
	95				100								
				97									
	100	Broken			100								5
				101.5									
	105				100								
				106.5									
	110	10			100								6
				111.5									
	115				100								
116' Green clay on 45° slip		45°	CLAY	115.5									
					100								
119' EPIDOTE VEINLETS, Red K'spale ALT.	120			120									

DDH:
90-96

LITHOLOGY, ALTERATION, MISC.	Depth	GRAPHIC LOG	MINERALIZATION	RECOVERY		ANALYTICAL							BOX
				Run	%	Sample	Interval to	width					
	120												
	125				100								7
127' Qtz-epidote veinlet 70° ca		70° Qtz Ep		127									
	130				100								
		30° Lim Frac		132									
134' 3 mm Qtz-Bio vein 90° ca				133	100								8
	135				100								
	140			338	100								
				142									
144-145 Pegmatite dyke c/e 45° ca		75° Peg			100								
147' 1" Green clay + hematite		CLAY		146									
SLIP E 40° ca		FRAC			100								
145-170.5 Porphyroblastic		BRN											
Granodiorite		OXIDE		151	100								9
	155	F ⁺ 45°		154	100								
	160			159									
				162	100								
	165				100								10
				167									
170.5-173 Green Andesite dyke					100								
u/L contact 35° ca		AND		171	100								
FRacture 45° ca		DYK		173									
170-172 - very broken cont													11
173-207 Porphyroblastic					100								
Granodiorite													
	180												
	185			183	100								
				187									
189' Qtz-epidote veinlets		Qtz Ep			100								
70° ca	190												

DDH:
99-66

LITHOLOGY, ALTERATION, MISC.	Depth	GRAPHIC LOG	MINERALIZATION	RECOVERY		ANALYTICAL							BOX	
				Run	%	Sample	Interval to	width	Au g/t	Ag g/t	Cu OK	Cu TOT		
	190													12
	195				100									
	200			197										
202' THIN GREEN CLAY + QTZ VEIN					100									13
	205			203.5										
207-207.95 Green Rhyolite dyke. LT gr. + g manyans sps, clay altered		Rhyl			100									
207.75-224 Porphyroblastic GORD	210	Peg.		211										
209 Brecciated pegmatite dyke with Qtz + epidote					100									14
208.5-210 Pegmatite dyke	215			217										
	220													
					100									
224-224.75 Green Rhyl Dyke	225	Rhyl		227										15
224.75-229 Porphyroblastic GORD (10)														
229-230 Pegmatite dyke	230	Peg.												
230-232 Porphyroblastic GORD					100	21734	232-237	5	2.02	10.6	.789	2.38		
232-251.5 Siliceous ORC.			5-8% CRY + RN			21735	237-242	5	2.40	13.5	.975	3.01		
BANDS BLACK & PINK			+ magnetite throughout			21736	242-245	3	4.12	23.4	.593	5.46		
Q12-16' span - MT, BAN, CHY.	235			236		21737	245-247	2	0.18	3.5	.282	0.69		
quartzite, 800 ca				238	100	21738	247-251.5	4.5	3.01	16.2	.974	4.79		16
	240		except 245-247 BANDS.					19.5	2.48	13.6	0.797	3.40		
					100		g/ton	of	0.072	0.40				
245-247-2' BARRON section chloritized granite.	245	BARRON		245.5					%OK	23.44	%			
				83										
251.5-252 6" BROWN ORANGE CLAY SEAM	250	2		249.5										17
FLT @ 350 ca				251.5	100	21739	251.5-251.5	5	0.03	.02	.053	0.059		
252-328.25 Porphyroblastic GORD	255				100				%OK	89.83	%			
				255.5										
	260			258	100									

DDH: 90-66

DDH: 90-66

LITHOLOGY, ALTERATION, MISC.	Depth	GRAPHIC LOG	MINERALIZATION	RECOVERY		ANALYTICAL							BOX
				Run	%	Sample	Interval to	width					
	260				100								18
264' MM wide yellow clay vein @ 25°ca	265	CLAY		265									
265.5 } CLAY + SERICITE IN + FT					100								
266 } 25°CA cut by 45°ca slick	272			270									
268' - 45°CA SLICKENLINES	275	025			100								19
276 2-3 mm Qtz - Hem - clay slmp @ 25°ca	280		277-282 BROKEN, OXIDIZED CPAL	277	100								
279.5-282 BROKEN OXIDIZED CPAL	285			279.5	66								
	290			282									
	295		290.5-293 Broken cont OXIDIZED		70								20
	300			288.5	100								
	305			290.5	100								
	310			293									
293-303' ALTERED ENDOGENIC	315				100								21
298' SLICKENLINES 0° to ca	320			295									
300' SLICKENLINES 0° to ca	325				100								
	330			300									
					100								22
				303.5									
				307									
				309.5									
			309-309.5 MT + CHL but no CPAL		93								23
				317									
					100								23
328.25-338.5 Biotite-Qtz-Feldspar GNEISS	330			327									23
2-3% CPY-BN throughout													
			328.25-338.5 ± 3% Cu										23

DDH: 99-01

23

LITHOLOGY, ALTERATION, MISC.	Depth	GRAPHIC LOG	MINERALIZATION	RECOVERY		ANALYTICAL							BOX
				Run	%	Sample	Interval to	width	Au g/t	Ag g/t	Cu OX	Cu TOT	
Foliated @ 45° or oscill 0° ca	330												
334. Blood red secondary mineral? CINNABAR? + NATIVE CU.	335		PY + MAC + Hem 332' Bloppy CPy + BN 5% 334' Oxidized, CPy + BN + PY + NATIVE CU	335	100	21604	333.25-338.5	5.25	2.37	24.1	1.79	4.01	23
338.5-404' Porphyroblastic Gneiss	340				100								24
343.5 3" PEGMATITE	345			341									
344-345 Broken, Limonite stained CORE	350				100								
	355			347	83								
	360			349.5	95								25
	365			352	100								
	370			357									
360.5-361.5 v. broken oxidized CORE	375				100								
	380			361.5	88								
	385			364.5	100								26
	390			367	92								
	395			372.5	100								
378-379 BLACK CHLORITE COATED SLICKENSIDES @ 15° ca	400			377	100								27
DITTO 381-382' Green-Blu clay.	405			381	100								
→ 384-397 Broken FINE CORE	410			384	98								
386-387 - Slickensides FINE				387	100								
387.0-387.5 1/2 ANDESITE DYKE				390	100								
				393	100								28
				397.5									

DDH:
90-66

LITHOLOGY, ALTERATION, MISC.	Depth 460	GRAPHIC LOG	MINERALIZATION	RECOVERY		ANALYTICAL							BOX
				Run	%	Sample	Interval to	width	Au g/t	Ag g/t	Cu oz	Cu TOT	
404-416 Biotite-Qtz-Feldspar Gneiss. Well foliated & banded	405	6 400	± 1% CIT, 0.15% BN 2% MT through INTERVAL	404	100	21605	404-409	5'	0.04	0.8	0.023	0.126	29
	410	6 300			100	21606	409-414	5'	0.02	0.2	0.023	0.081	30
L.C. CLAY SLIP @ 30°C	415	6 300				21607	414-416	2'	0.01	0.5	0.026	0.107	31
416-447 Porphyroblastic Gneiss	420	10			100								31
	425	15			100								32
426-435 BLACK CLINKITE & CLAY OBTAINED FROM TUBES & CALITE SUCKERS @ 85°C	430	15		430	100								32
	435	15		433	100								33
	440			437									33
	445				100								33
447' EOH				447									

DDH:
99-06

Acid Tests

99-1

10'	58°
147'	60°
297'	61°
437'	58°

99-06

MAG.

✓ 40	0.06		✓ 111.5	0.28	170	0.43
✓ 42	0.25		112	0.38	72	0.30
44	0.78		114	0.57	✓ 173	0.40
✓ 46	0.33		✓ 115.5	0.38	74	0.02
✓ 47	1.34		116	0.31	76	0.45
48	0.36		118	0.40	78	0.42
50	0.65		✓ 120	0.35	80	0.57
✓ 52	0.50	MAL	✓ 122	0.43	82	0.48
✓ 54	0.33		24	0.62	✓ 183	0.63
58	0.31		26	0.38	84	0.68
✓ 59	0.15		✓ 127	0.58	86	0.58
✓ 62	0.10		28	0.40	✓ 187	0.57
64	0.26		30	0.36	88	0.75
66	0.38		✓ 132	0.40	90	0.47
✓ 67	0.15		✓ 133	0.42	92	0.48
✓ 68	0.35		34	0.47	94	0.52
70	0.28		36	0.57	96	0.53
✓ 72	0.31		✓ 138	0.68	✓ 197	0.52
74	0.18		40	0.80	98	0.45
✓ 76	0.25		142	0.48	200	0.36
78	0.28		144	0.63	02	0.28
✓ 80	0.20		145	DIKE 3.57	✓ 203.5	0.87
82	0.58		✓ 146	0.57	04	0.87
84	0.21		48	0.38	06	0.77
✓ 85	0.21		50	0.33	08	0.53
86	0.18		✓ 151	0.30	09	0.07
88	0.23		52	0.38	10	0.43
✓ 90	0.50		✓ 154	0.36	✓ 211	0.35
✓ 92	0.35		56	0.33	12	0.80
94	0.50		58	0.50	14	0.33
96	0.48		✓ 159	0.35	16	0.40
✓ 97	0.48		160	0.31	✓ 217	0.26
98	0.47		✓ 162	0.50	18	0.47
100	0.36		64	0.52	20	0.50
✓ 101.5	0.38		66	0.52	22	0.45
102	0.31		✓ 167	0.48	24	0.47
104	0.45		168	0.47	26	0.23
✓ 106.5	0.33				✓ 227	0.33
8	0.87					
10	0.42					

AE	AE	AE	AE	AE	AE	AE
	228	0.70	300	0.23	360	0.73
	30	1.11	302	0.35	361.5	1.74
✓	32	15.3	303.5	1.39	62	1.05
	33	25.0	304	1.07	364.5	0.28
	34	74.5	6	1.10	66	0.58
✓	236	181.0	307	1.15	367	0.33
✓	238	154	8	0.28	68	0.45
	140	251	309	98.9	70	0.67
	142	60.5	309.5	18.5	372	0.73
	144	55.6	10	13.8	74	0.68
	145.5	1.34	12	1.26	76	0.68
	46	0.94	14	0.52	377	0.50
	48	128	16	0.40	78	0.42
	249.5	83.6	317	0.43	80	0.57
	254	0.85	18	0.63	381	0.30
	255.5	0.35	320	0.42	82	0.42
	56	0.48	22	0.58	384	0.45
	58	0.42	24	1.27	86	0.65
	60	0.47	26	0.65	387	0.28
	62	0.25	✓ 327	0.68	88	0.47
	64	0.31	28	1.68	390	0.38
	66	0.28	29	29.9	393	0.34
	68	0.28	30	6.86	94	0.30
	270	0.35	32	16.9	96	0.48
	72	0.36	34	5.81	397.5	1.09
	74	0.36	✓ 335	31.4	98	0.38
	76	0.38	36	36.7	400	0.73
	277	0.53	38	65.8	2	0.82
	78	0.42	40	8.04	404	2.53
	80	0.36	41	1.19	40.5	68.6
	282	0.25	42	1.57	6	2.55
	84	0.33	44	0.73	8	0.85
	86	0.43	46	0.62	10	3.84
	288.5	0.45	347	0.90	412	1.69
	290.5	0.26	48	0.58	19	2.68
	293	0.35	349.5	0.77	16	0.38
	94	0.43	50	0.40	18	0.47
	295.5	0.38	352	0.55	20	0.48
	96	0.40	54	0.52	422	0.38
	98	0.94	56	0.50	24	1.26
			57	0.65	26	1.29
			58	0.63	28	0.90

430	0.68
32	0.38
433	0.16
39	0.30
36	0.60
37	0.72
38	0.65
40	1.17
42	0.82
44	0.94
46	1.39
447	0.99

AL.

LAST 2' OF HOLE WAS IN AN ODD BOX SO
I DID NOT PACK TO WHITEHORSE. ROCK IS SAME AS
THE LAST 5'-10'.

4 ACID TEST TUBES INCLUDED IN THIS TOOL BOX.

STAPLE GUN & STAPLES IN BOTTOM OF TOOL BOX.