

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

680688

Q4E

PROPERTY Spartan

HOLE No. S-3

DIP AND AZIMUTH TEST		
	Corrected	
Footage	Angle	Azimuth

Core Size.....
 Angle of Hole.....
 Claim.....
 Section.....
 Bearing.....

Total Depth 218 FT
 % Recovery 72%
 Elev. Collar.....
 Latitude.....
 Departure.....

Sheet No. 1 of 4
 Logged by T.E. KALNINS
 Date Begun Sept 27, 1969
 Date Finished Sept. 29, 1969
 Core Stored At Toadoggon L.

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
0-20	20'	No core						
20-32	5'	Rusty, pyritic, highly broken core, feldspar porphyry.						
32-42	7'	Highly broken, pyritic, but not rusty, greyish color, porphyritic						
42-52	6'	" "						
52-54	1'	" "						
54-59	4'	" "						
59-62	2'6"	" "						
62-66	3'6"	" "						
66-71/6	3'6"	Rock changes to flesh colored syenite - monzonite. 71/6 end of box 1						
		Note: the above rock is probably the same origin with different degrees of alteration. The pinkish feldspar phenocrysts appear to alter to greyish-greenish phenocrysts with indistinct boundaries.						

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 % Recovery.....
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 Sheet No. 2 of 4
 Logged by.....
 Date Begun.....
 Date Finished.....
 Core Stored At.....

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
71/6 - 74	2'	Well broken syenite - monzonite, brownish						
74 - 77	1'6"	to flesh colored with light grey - greenish						
77 - 81/6	1'	alteration spots, 5-10% dark minerals,						
81/6 - 85/6	2'	some epidote.						
85/6 - 87/6	1'	✓						
87/6 - 89/6	0	✓						
89/6 - 92	1'	✓						
92 - 96	0	✓						
96 - 98	0	✓						
		98' end of box 2.						
98 - 100	6"	✓						
100 - 101	0	✓						
101 - 103	0	✓						
103 - 106	1'	✓						
106 - 112	3'	✓						
112 - 115/6	1'6"	✓						
115/6 - 119	2'	✓						
119 - 122/6	1'6"	✓						
122/6 - 126/6	0	✓						
126/6 - 129	0	✓						
		127/6 - end of box 3						

Main fractures.
 parallel to core
 45° parallel to core
 55° 25°

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Footage	Angle	Azimuth

Core Size.....	Total Depth.....	Sheet No..... of.....
Angle of Hole.....	% Recovery.....	Logged by.....
Claim.....	Elev. Collar.....	Date Begun.....
Section.....	Latitude.....	Date Finished.....
Bearing.....	Departure.....	Core Stored At.....

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
71/6 - 74	2'	Well broken <u>syenite</u> - monzonite, brownish						
74 - 77	1'6"	to flesh colored with light grey - greenish						
77 - 81/6	1'	alteration spots, 5-10% dark minerals,						
81/6 - 85/6	2'	some epidote.						
85/6 - 87/6	1'	✓						
87/6 - 89/6	0	✓						
89/6 - 92	1'	✓						
92 - 96	0	✓						
96 - 98	0	✓						
		98' end of box 2.						
98 - 100	6"	✓						
100 - 101	0	✓						
101 - 103	0	✓						
103 - 106	1'	✓						
106 - 112	3'	✓						
112 - 115/6	1'6"	✓						
115/6 - 119	2'	✓						
119 - 122/6	1'6"	✓						
122/6 - 126/6	0	✓						
126/6 - 129	0	✓						
		127/6 - end of box 3						

Main fractures
45° parallel to core
55° 25°

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Sheet No. 1 of 4
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DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
173-177	0	<i>Flesh-colored to brownish syenitic-monzonite, well fractured & broken with liberal amounts of epidote in rock & fractures, some chlorite & calcite trace pyrite only.</i>						
177-180	2'							
180-181	0							
181-183	0							
183-186	0							
186-189	6"							
189-192	0							
192-194/6	0	<i>195/6 end of box 6</i>						
194/6-200	6"							
200-210/6	0							
210/6-215	0							
215-218	1'							
		<i>218' end of box 7</i>						
		<i>end of DBH 5-3.</i>						

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DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
173-177	0	Fresh-colored to brownish, syenite-monzonite, well fractured & broken with liberal amounts of epidote in rock & fractures, some chlorite & calcite trace pyrite only.						
177-180	2'							
180-181	0							
181-183	0							
183-186	0							
186-189	6"							
189-192	0							
192-194/6	0	195/6 end of box 6						
194/6-200	6"							
200-210/6	0							
210/6-215	0							
215-218	1'							
		218' end of box 7						
		end of DBH S-3.						