GM 08790

REPORT ON THE PROPERTY

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Énergie et Ressources naturelles
Québec

650 + 20 mg +
17 gal

REPORT ON

DANIEL MINING CO. LTD. PROPERTY

DANIEL TOWNSHIP
QUEBEC

R. BRUCE GRAHAM, Ph.D., P.Eng.
R. BRUCE GRAHAM & ASSOCIATES LTD

Toronto, Ontario
October 10, 1959

SUMMARY

Exploration between March 19th and September 30th, 1959 has outlined a copper zone to a depth of 800 ft. The main features of this zone are summarized as follows:

Length:	350 ft.
Width:	5 to 35 ft.
Strike:	75°
Dip:	75° South
Mineralization:	Chalcopyrite, sphalarite, pyrite and pyrrhotite. 5 to 10% combined sulphides.
Tenor:	0.4% cu., 0.2 oz. ag./ton To 2.69% 2.26% cu., 1.24% zinc 1.86 oz. ag./ton

These results are sufficiently encouraging to warrant further exploration along the strike of this zone, and also along the sheared north contact of the associated gabbro intrusive.

The possibility of a substantial sulphide deposit associated with the gabbro at depth should also be investigated. As a first step, a gravity survey is recommended.

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REPORT ON

DANIEL MINING CO. LTD. PROPERTY
DANIEL TOWNSHIP
QUEBEC

INTRODUCTION

The following report describes the results of exploration carried out on the Daniel Mining Co. Ltd. property in Daniel Township, Quebec, between March 19th and September 30th, 1959.

CLAIMS

The Daniel Mining Co. property consists of 55 contiguous claims comprising 2,630.95 acres.

These claims are recorded as follows:

C-141883, Claims 1 to 5.
C-141884, Claims 1 to 5.
C-141887, Claims 1 to 5
C-141888, Claims 1 to 5.
C-141889, Claims 1 to 5.
C-141890, Claims 1 to 5.
C-141891, Claims 1 to 5.
C-141893, Claims 1 to 5.
C-141894, Claims 1 to 5.
C-141895, Claims 1 to 5.
C-141896, Claims 1 to 5.

LOCATION

The property is located in the north central part of Daniel Township.

The New Hosco Mines Ltd. copper ore body lies 3 miles south. The Mattagami Lake Mines Ltd. zinc ore body lies 8½ miles south-east and the Orchan copper-zinc deposit lies

10 miles south-east.

The Towns of Noranda and Amos lie respectively 125 miles and 95 miles south.

ACCESS

The McIver River passes through the central part of the claim group. The Allard River passes ½ mile south-east of the south-east corner of the property. Float equipped aircraft can land on these rivers from bases at Amos and Noranda respectively 95 and 125 miles distant.

GEOLOGY

No outcrops have been found on the property. The geology is inferred from regional knowledge and information from diamond drilling.

In the extreme south-east portion of the property diamond drilling has partially outlined an irregular gabbro intrusive. On the property the intrusive strikes north and dips steeply to the east. It is between 150 and 500 feet wide and has been traced from the south boundary north for 900 feet. Magnetometer surveys indicate that this gabbro swings sharply to the east at the south boundary. In detail, swells, embayments and reversals in dip along the contract are common.

The gabbro occurs in a thick sequence of interbedded tuff and agglomerate which underlies this portion of the property.

A second, easterly trending and vertically dipping gabbro intrusive approximately 60 feet wide was cut by drill

hole 26. Fifty feet further north a second gabbro body was penetrated for 60 feet, where the drill hole ended. These intrusives lie 1300 feet south of the north-west corner of the property. The country rock is argellite.

There is no accurate information on the strike and dip of the sediments and pyroclastics. Available evidence suggests that strikes are easterly and dips are steep to the south. Local folding is suspected adjacent to the gabbro.

Strong shearing 1,000 feet north of the south boundary was encountered in holes 12 and 13. This shearing could represent a fault trending east to south-east and dipping south at 50° or steeper.

WORK DONE

The work carried out on the property consists of:

(1) An airborne magnetic and electromagnetic survey,

(2) North-south cut picket lines at 400 foot intervals in the eastern part of the property covering claims:

C-141883; Claims 2 to 5
C-141884; Claim 5
C-141888; Claim 5
C-141891; Claims 1 to 5
C-141893; Claims 2 to 5
C-141894; Claims 1 to 5.

(3) North-south picket lines at 300 foot intervals in the western part of the property covering the following claims:

C-141889; Claims 1 to 4
C-141889; Claim 5, south $\frac{3}{4}$
C-141895; Claims 1 to 4, south $\frac{1}{2}$
C-141890; Claims 1 to 5, north $\frac{1}{2}$.

(4) A magnetometer survey over (3),

(5) A check electromagnetic survey over the magnetic anomalies obtained by (4),

(6) A magnetometer survey over (2) and electromagnetic surveys over selected portions of (2),

(7) Ground electromagnetic check surveys over all airborne conductors and a magnetic survey over the area where an airborne conductor was indicated in the north-west part of claim C-141888,

(8) Additional check surveys over the south-east corner of the properties by horizontal, vertical and AFMAG electromagnetic equipment,

(9) Twenty-seven diamond drill holes totalling 14,684 feet of drilling.

RESULTS OF EXPLORATION

Geophysics

The airborne survey indicated six conductive areas of importance. Ground check work located one of these. Diamond drilling was unable to penetrate bed rock. Overburden in this vicinity is in excess of 150 feet.

The conductive area located on the ground straddles an east trending tributary of the McIver River in the north-west part of C-141888, Claim 1.

Three magnetic anomalies of interest were also indicated by the airborne survey. These were located in detail by ground surveys:

(1) Lies in the south-east corner of the property. This is the western termination of an area of high magnetics on the Mile 18 Mines property immediately to the east.

(2) Lies 1,500 feet north and 1,700 feet west of the south-east corner of the property. This is a small "spot" magnetic high.

(3) Lies at the west boundary of the property, 1300 feet south of the north-west corner of the claim group.

Electromagnetic ground work located a conductor associated with (2) and also a conductor 500 feet west of (1).

Diamond Drilling

All the magnetic anomalies and electromagnetic conductors were diamond drilled.

The magnetic anomalies (1) and (3) were found to be due to gabbro intrusives. Magnetic anomaly (2) was found to be due to a chloritized weakly magnetic tuff bed containing 1% or less of pyrrhotite. The electromagnetic conductors associated with (2) were also due to this and a similar bed 600 feet to the south which was not magnetic.

Copper mineralization is associated with the gabbro intrusive in the south-east corner of the property. This copper zone is centred 420 feet north and 600 feet west of the south-east corner of the property. The main features of this deposit are summarized as follows:

Length: 350 feet

Width: 5 to 35 feet

Strike: 75°

Dip: 75°S

Mineralization: Chalcopyrite, sphalerite, pyrite and pyrrhotite. 5 to 10% combined sulphides.

Tenor: 0.4% cu., 0.2 oz. Ag /ton to 2.69% cu., 1.24% zinc, 1.86 oz. Ag /ton

(See assay summary)

Geological Setting:

Lies in an east trending tuff-agglomerate horizon between 30 and 80 feet wide which divides the north striking gabbro intrusive into 2 segments. The gabbro has swells, embayments and reversals of dip. Locally the copper zones "buts" against the gabbro. The gabbro in the vicinity of the zone contains 5 to 10% pyrite and a similar amount of magnetite. The presence of pyrite in the gabbro suggests that the sulphides are younger than the gabbro even though the copper zone is interrupted by the gabbro.

CONCLUSIONS

(1) Significant copper mineralization has been located on the Daniel Mining Co. property by diamond drilling.

(2) The tuffacreous host and the close proximity of the copper to the gabbro is also characteristic of the New Hosco, Mattagami Lake Mines, and Radior deposits.

(3) A larger, deeper seated deposit controlled by irregularities in the contact of the gabbro intrusive could exist and this possibility merits further investigation.

RECOMMENDATIONS

(1) All anomalous conditions indicated by ground magnetic and electromagnetic equipment have been investigated by diamond drilling. It is thus likely that any important sulphide deposits are (A) at a depth of over 200 feet, or (B) are too disseminated to be conductive. To test the possibility of (A) a gravity survey is recommended over an area bounded by 1200 W to 2800 W and 2600 S to 4500 S.

(2) Additional diamond drilling:

(A) along the strike of the copper zone;

(B) along the easterly trending zone of strong shearing where it crosses the north end of the gabbro.

The above requires 3600 feet of diamond drilling. The location of the proposed diamond drill holes are as follows:

For (A) -	1400 W, 1250 S,	Azimuth 180°	Dip 50°	Length 500
	1600 W, 1250 S,	180°	50°	500
For (B) -	1560 W, 4200 S		90°	600
	1680 W, 4200 S		90°	500
	1300 W, 4330 S	330°	70°	750
	1800 W, 4440 S	0°	75°	750
			T o t a l ---	3,600'

Estimated cost of the above program - $20,500 including transportation, assaying and supervision.

R. BRUCE GRAHAM, Ph.D., P.Eng.
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Toronto, Ontario
October 10, 1959

R. Bruce Graham & Associates

Property Daniel Mining Co. Ltd.

Hole No. 1

Latitude 3300 Feet S. Bearing 0° Page 1

Departure Line 28 West Dip 50° at collar, 40° at 488'

Length 488 feet

Elevation Started 19 March, 1959 Completed 23 March, 1959

FROM	TO	FORMATION	SAMPLED SECTION	SAMPLE NUMBER
0	163	CASING		
163	285	TUFF, trachytic; mostly greyish colour, some greenish, minor reddish; mostly well and finely banded at about 40° to the core; medium grained; irregular light disseminated pyrite. 235-255 lightly fractured with quartz-carbonate cement. 258-279 lightly fractured with quartz-carbonate cement.		
285	325	TUFF, FRAGMENTAL, Andesitic; scattered bloches of dark red feldspar alteration; also some chloritic alteration; about 1% disseminated pyrite; enough magnetite to make core magnetic.		
325	334	TUFF, Trachytic, as above.		
334	354	ANDESITE; massive; course grained.		
354	375	AGGLOMERATE; Andesitic; fragments about 1 inch average, some fragments altered a dark colour.		
375	443	ANDESITE; massive; coarse; minor fine quartz-carbonate stringers.		
443	449	TUFF, Trachytic, as above.		
449	488	ANDESITE; coarse and massive, as above. 463-475 lightly sheared at 50° to core.		
	488	END OF HOLE		

Note: This hole was first begun the 11th of March with a dip of 45° but because of trouble with overburden, it was stopped on the 17th at 147'. Thirty feet of rods, a bit and 40' of pipe were abandoned in the hole. In this hole 20' of casing and 60' of pipes and a shoe bit were abandoned.

Drilled by Continental Drilling Co. Logged by [illegible]

Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property DANIEL MINING CO. LTD.
Daniel Twp.

Hole No. 2

Latitude 42+70S | Bearing 50° | Page 1

Departure 17+20W | Dip 50°

Location | Length 320' | Core Size AxT

Elevation | Started May 23/59 | Completed May 25/59

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.	Au	Ag	Cu	Zn
~~0~~	~~72~~	~~CASING.~~						
72	77	Agglomerate, greenish grey, silicified and chloritized. Fragments average 3/8" in diameter. Foliation at 43° to core axis.						
77	96.5	Diorite dyke, medium fine grained, chloritic and foliated.						
96.5	173	Tuff Agglomerate Complex: Bedding at 50° to core axis. Tuff has chlorite-sericite rich and carbonate-feldspar rich interbeds. The agglomerate similar to section from 72'-77'.						
173	250	Copper Zone - contacts are arbitrary and minor values extend a short distance beyond these limits. Chalcopyrite, sphalerite, pyrrhotite and pyrite, total 5½%. Chalcopyrite occurs as massive blobs and veinlets up to 1" across. The host is chloritized agglomerate weakly foliated. 913-195 - dioritic feldspar porphyry dyke. Phenocrysts up to 1/8" in length.						
		173-179	1950	6	Trace	0.82	1.09	0.28
		179-184	1951	5	.015	1.60	2.49	1.28
		184-189	1952	5	.01	1.86	2.69	0.05
		189-193	1953	4	.01	0.42	0.24	Nil
		193-195		2	Barren dyke.			0.05
		195-200	1954	5	.01	0.76	1.09	0.05
		200-205	1955	5	.015	1.20	2.17	Trace
		205-210	1956	5	.025	1.32	2.40	Trace
		210-215	1957	5	.015	1.46	1.83	Nil
		215-220	1958	5	Trace	0.58	0.93	Nil
		220-225	1959	5	.01	0.94	1.50	Nil
		225-230	1960	5	Trace	0.38	0.31	Nil

% CORE RECOVERY

Drilled by | Logged by

Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property DANIEL MINING CO. LTD.

Hole No. 2

Latitude ..... Bearing ..... Page 2

Departure ..... Dip .....

Location ..... Length ..... Core Size .....

Elevation ..... Started ..... Completed .....

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.	Au	Ag	Cu	Zn
		230-235	1961	5	Nil	0.18	0.06	Nil
		235-240	1962	5	Trace	0.60	1.08	Nil
		240-245	1963	5	.01	1.28	1.85	Nil
		245-250	1964	5	Trace	0.70	0.60	
		Averages 173' to 250' = 77' at 0.92 oz. Ag/ton, 1.33% Cu., 0.11% Zn. 173' to 189' = 16' at 1.39 oz. Ag/ton, [illegible] Cu., 1.45% Zn. 200' to 215' = 15' at 1.19 oz. Ag/ton, 2.13% Cu., 0.08% Zn.						
250	254.5	Agglomerate.						
254.5	326	Gabbro. contact chilled for 2 feet. Gabbro medium fine grained, gray feldspar, 25% remainder altered amphibole. Local foliation at 45° to core axis. Three to 5% pyrite throughout is disseminations and selvages along foliation.						

% CORE RECOVERY

Drilled by Continental Diamond Drilling

Logged by R. Bruce Graham

Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property DANIEL MINING CO. LTD.

Hole No. 3

Latitude 43+40S | Bearing N50°E | Page 1

Departure 17+90W | Dip 50° at collar, 440' 40°

Location | Length 440' | Core Size

Elevation | Started May 26/59 | Completed May 29/59

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.	Au	Cu	Ag	Zn
0	70	CASING (70' casing, 49' pipe, 1 bit left to get water).						
70	89	Andesite, fine grained, lightly chloritic, irregular light shearing and fracturing, minor pyrite.						
89	143	[illegible]andesitic, coarse to fragmental, banding at 50° to core, very scattered disseminated pyrite.						
143	154	Andesite, as above.						
154	171	Agglomerate, trachytic, fine fragments, some banding at 40°, minor pyrite.						
171	187	Feldspar porphyry dyke, coarse and massive.						
187	285	Agglomerate, tracytic, fine fragments, some banding at 45°, chloritic zones with sulphides. 202-211 - chloritic, about 4% sulphides, estimated ½% Copper. 256-274 - chloritic, about 1% sulphides, estimated 0.1% copper. 274-276 - feldspar porphyry. 276-285 - irregularly chloritic and some pyrite.						
285	323	Copper zone, agglomeratic, chloritic, about 4% sulphides [illegible].						
		285-290	1965	5	Nil	0.40	0.20	Trace
		290-295	1966	5	Trace	0.35	0.24	0.10
		295-300	1967	5	0.005	0.60	0.34	0.15
		300-305	1968	5	0.01	0.70	0.48	Trace
		305-310	1969	5	0.005	0.90	0.40	0.10
		310-315	1970	5	Trace	2.45	1.24	0.05
		315-320	1971	5	0.005	0.40	0.22	Trace
		320-323	1972	3	Trace	0.40	0.26	Trace

Drilled by | Logged by

Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property DNAIEL MINING CO. LTD

Hole No. 3

Latitude ..... Bearing ..... Page 2

Departure ..... Dip .....

Location ..... Length ..... Core Size .....

Elevation ..... Started ..... Completed .....

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.	Au	Cu	Ag	Zn
323	338	Feldspar porphyry, massive and barren except for ½" seam of chalcopyrite at 324.						
338	359	Copper zone, agglomerate, as above with chlorite, about 4% sulphides, mostly pyrite (estimate 1% Copper).						
		323-338		15	Barren	dyke.		
		338-343	1973	5	Trace	1.05	0.62	0.25
		343-348	1974	5	Trace	0.50	0.26	0.40
		348-353	1975	5	0.005	0.30	0.24	Trace
		353-359	1976	6	0.025	0.45	0.24	Trace
		Averages: 285' to 323' = 38' at 0.79% Cu; 0.43 oz.Ag/ton. 338' to 359' = 21' at 0.57% Cu.; 0.33 oz. Ag/ton. 300' to 315' = 15' at 1.35% Cu; 0.71 oz. Ag/ton.						
359	430	Gabbro, medium grained, narrow greenstone, inclusions, magnetic, light disseminated pyrite.						
430	440	Feldspar, porphyry, massive, barren.						
440		END OF HOLE.						

% CORE RECOVERY

Drilled by Continental Drilling Co. Logged by .....

Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property Daniel Mining Co. Ltd.

Hole No. 4

Latitude 43+30S | Bearing North | Page 1

Departure 15+00W | Dip 50o at collar

Location | Length 280' | Core Size AXT

Elevation | Started May 31/59 | Completed June 2/59

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
0	93	CASING.						
93	160	Tuff-agglomerate ~~complete~~ COMPLEX, chloritized and carbonated, slaty cleavage with folliation at 65° to core at 98'. 110-111.5 - feldspar porphyry dyke, grey. 115-116.5 - felsite dyke, light grey, aphanitic, local occurrance of feldspar phenocrysts 1/16" in diameter. 150-160-peak shear zone with quartz carbonate veinlets and about 5% pyrite.						
60	280	Gabbro, up to 10%, pyrite in aggregates a fracture filling distributed erratically through the core, irregular narrow dykes. 160-184 - fine grained chilled contact. 168.5-169.5) feldspar porphyry dykes, 178.5-179) dark grey, contacts at 75° to 80° to core axis. 258.5-263.5 - diorite dyke, fine grained, grey. 276-280 - feldspar porphyry dyke, grey.						
280		END OF HOLE.						

% CORE RECOVERY

Drilled by Continental Drilling Co.

Logged by R.W. SPENCE

Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property DANIEL MINING CO. LTD.
Daniel Tp., Quebec

Hole No. 5

Latitude 42 + 95 S | Bearing N 50° E | Page 1

Departure 19 + 00 W | Dip 50°, @ 700' 39°

Location | Length 701 feet | Core Size AXT

Elevation | Started June 3, 1959 | Completed June 8, 1959

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.	Oz 1 ton Au	Oz 1 ton Ag	% Cu
0	80	Casing (left in hole)					
80	95	Tuff-Agglomerate complex 80-95 tuff bands @ 55° to core axis, also fragments elongated at 55° to core axis, fragments average under ¼ inch, grey colour, lightly chloritic, minor pyrite.					
95	105.5	Quartz-fledspar porphyry, grey, massive, phenocrysts average 1/8" in diameter, scattered pyrite grains.					
105.5	120	Tuff-agglomerate as above. 105.5-116 sheared at 35° to core axis, silicified, light pyrite. 116-120 sheared and porous (fault gauge?)					
120	127	Porphyry, as above.					
127	219	Tuff-agglomerate complex, banding at 50° to core axis. 127-132 siliceous, about 2% pyrite as masses and dissiminated. 132-138 chloritic, about 4% pyrite and pyrrhotite. 138-209 less chloritic, about 2% pyrite, very uniform, banding @ 50° to core axis. 209-219 chloritic, about 4% pyrite. 209.5 ¼" quartz vein with some sphalerite. 218.5 ¾" quartz vein with some pyrite and chalco-pyrite.					

% CORE RECOVERY

Drilled by CONTINENTAL DIAMOND DRILLING

Logged by R. W. Spence

Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property DANIEL MINING CO. LTD.
Daniel Tp., Quebec

Hole No. 5

Latitude ..... Bearing ..... Page 2

Departure ..... Dip .....

Location ..... Length ..... Core Size .....

Elevation ..... Started ..... Completed .....

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.	Oz 1 ton Au	Oz 1 ton Ag	% Cu	
219	229	Porphyry, as above.						
229	388	Tuff-agglomerate complex. 229-235 chloritic, about 2% pyrite. 235-236.5 Very siliceous, about 6% pyrite and pyrrhotite. 236.5-365 chloritic, 4 to 8% pyrite and pyrrhotite. Lightly sericitic 251-266 and 275-285. Porphyry 341.5-342. 365-388 less chloritic, some siliceous bands, up to 4% pyrite.						
388	398	Porphyry, as above, sharp chilled contacts at 30° to 40°.						
398	424	Complex, light grey, irregular pyrite up to 4%.						
424	429	Porphyry as above.						
429	556	Tuff-agglomerate complex as above. 429-444 chloritic, up to 4% pyrite. 444-472 sericitic, up to 4% pyrite. 472-475 feldspar porphyry. 475-484 chloritic up to 6% pyrite. 484 sheared @ 20° 484-508 siliceous and sericitic, up to 10% pyrite. 508-511 diorite dyke, fine grained.						

% CORE RECOVERY

Drilled by CONTINENTAL DIAMOND DRILLING Logged by R. W. Spence

Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property DANIEL MINING CO. LTD.
Daniel Tp., Quebec

Hole No. 5

Latitude ..... Bearing ..... Page 3

Departure ..... Dip .....

Location ..... Length ..... Core Size .....

Elevation ..... Started ..... Completed .....

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.	Oz 1 ton Au	Oz 1 ton Ag	% Cu
		511-528 strongly chloritic, up to 4% pyrite 528-538 less chloritic, irregular pyrite. 528.5-529) 50% 530 -530.5) pyrite 538-542.5 diorite dyke, fine grained. 542.5-556 chloritic, 4% pyrite					
556	630	Feldspar porphyry, massive and coarse, becomes more feldspathic to syenitic and coarser.					
630	646	Tuff-agglomerate complex, very siliceous, up to 10% pyrite.					
646	648	Felsite dyke, light grey, aphanitic, uniform, dissiminated pyrite - about 6%.					
648	667	Tuff-agglomerate complex. 648-657 siliceous, up to 10% pyrite. 657-667 very carbonated, up to 8% pyrite.					
667	672	Felsite, as above					
672	675	Feldspar porphyry					
675	687	Complex, carbonated, up to 10% pyrite.					
687	691	Feldspar porphyry					
[illegible]	701	Felsite, as above.					
	701	End of hole.					

% CORE RECOVERY

Drilled by CONTINENTAL DIAMOND DRILLING

Logged by R. W. Spence

Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property DANIEL MINING CO. LTD.
Daniel Tp., Quebec

Hole No. 5

Latitude ..... Bearing ..... Page 4

Departure ..... Dip .....

Location ..... Length ..... Core Size .....

Elevation ..... Started ..... Completed .....

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.	Oz 1 ton Au	Oz 1 ton Ag	% Cu
235	236.5		1978	1.5	0.015	0.02	
254.5	255		1977	0.5	0.02	0.46	1.05
373	374		1979	1.0	0.005	0.01	
496	499		1980	3.0	0.025	0.03	
506.5	508		1981	1.5	0.02	0.02	
637.5	640.5		1982	1.0	0.02	0.01	
[illegible]5	646		1983	1.0	0.015	0.02	
655	656		1984	1.0	0.015	0.02	

% CORE RECOVERY

Drilled by CONTINENTAL DIAMOND DRILLING Logged by R. W. Spence

Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property Daniel Mining Co. Ltd.

Hole No. #6

Latitude 4000S | Bearing N62E | Page

Departure 1800W | Dip 50° at collar - 45° at 380'

Location | Length 381' | Core Size

Elevation | Started June 9/59 | Completed June 12/59

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
0	80	CASING.						
80	97	Gabbro, mostly massive and coarse grained, up to 10% pyrite in aggregates, disseminated and fracture fillings, not noticeably magnetic.						
97	107	Fault. 97-100 - strongly sheared at 55° to core axis. 100-103 - breccia with quartz-carbonate tourmaline cement. 103-107 - strongly sheared at 55°, disseminated sulphides up to 10% with specks of chalcopyrite at 103'.						
107	272	Gabbro, as above. 241-248 - Quartz-feldspar porphyry. 258-262 - Diorite dyke, fine grained. 262-266 - Quartz-feldspar porphyry. 266-272 - Diorite dyke, fine grained.						
272	293	Tuff-agglomerate complex, very siliceous with scattered quartz stringers, banding at 50° to core, up to 10% irregular disseminated pyrite.						
293	312	Feldspar porphyry, some finely disseminated pyrite.						
312	340	Complex, as above. 314-316 - diorite dyke. 326-331 - diorite dyke. 331-340 - Feldspathic(?)						
340	367	Feldspar to syenite porphyry.						
367	382	Complex, as above.						
382		END OF HOLE.						

% CORE RECOVERY

Drilled by Continental Drilling Co.

Logged by R.W. Spence

Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property: Daniel Mining Co. Ltd.

Hole No. 7

Latitude 43 + 40 S | Bearing 0° (North) | Page 1

Departure 17 + 90 W | Dip 56° at collar, 32° at 680'

Location | Length 683' | Core Size

Elevation | Started June 13/59 | Completed June 18/59

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
0.0	72.0	OVERBURDEN.						
72.0	188.0	Tuff: fine grained, grey, locally banded at 70°, occasional small quartz and epidote stringers. Minor chlorite alteration. 102-107: fine grained Diorite dyke. 109-138: siliceous with occasional small quartz and feldspar phenocrysts. 138-142.5: quartz-feldspar porphyry, medium grained, grey, with phenocrysts to 3/16" diameter. 143-154: chloritic with 5% pyrite. 154-188: some interbanded agglomerate with chloritic alteration.						
188.0	350.0	Tuff-Agglomerate Complex: grey, fine to medium grained, predominantly agglomerate with fragments up to 2" diameter in fine grained groundmass locally altered to chlorite. 224-232: Quartz-feldspar porphyry; medium grained, 45% phenocrysts up to ¼", occasional chlorite blebs. 232-264: highly chloritic groundmass minor pyrrhotite, pyrite, chalcopyrite and sphalerite (5% total). Several small blebs chalcopyrite between 247 and 257 estimate 0.10% copper. 264-280: chlorite alteration but less than above. 280-350: becomes more siliceous with depth, 5% finely disseminated pyrite.						
350.0	362.0	Quartz feldspar porphyry: medium grained, grey, phenocrysts up to 3/16".						
362.0	524.0	Tuff-agglomerate: similar to 188-350. 362-377: occasional small chloritic sections with minor pyrrhotite, pyrite and a few specks chalcopyrite at 374. 377-415: siliceous as 280-350.						

% CORE RECOVERY

Drilled by | Logged by

Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property Daniel Mining Co.

Hole No. 7

Latitude ..... Bearing ..... Page 2

Departure ..... Dip .....

Location ..... Length ..... Core Size .....

Elevation ..... Started ..... Completed .....

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
		415-417: quartz feldspar porphyry. 470-474: quartz feldspar porphyry with chlorite alteration of complex at contacts, slightly sheared at 70°. 474-524: sections with chlorite alteration of matrix and up to 10% disseminated pyrite.						
524.0	548.0	Feldspar porphyry: medium grained, light grey, 70% feldspar phenocrysts up to 3/16" in a green chloritic matrix.						
548.0	683.0	Tuff agglomerate complex: fine grained, grey, more siliceous than above with minor chlorite and sericite alteration, 15-20% pyrite disseminated and as small blebs and stringers. Slight foliation at 65°. 560-562) 572-581) Quartz-feldspar porphyry 586-591) 611-615)						
683		END OF HOLE.						

% CORE RECOVERY

Drilled by ..... Logged by L.B. Halladay

Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property DANIEL MINING CO. LTD.

Hole No. 8

Latitude 44 + 40S | Bearing 0° (North) | Page 1

Departure 18 + 00W | Dip 60° at collar, 45° at 600'

Location | Length 625' | Core Size

Elevation | Started June 20/59 | Completed June 26/59

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
0.0	60.0	OVERBURDEN.						
60.0	261.0	Tuff: grey, fine to medium grained, locally gritty, mottled texture, locally light grey, cherty bands up to 4 feet. Ill-defined bedding with beds up to 7' thick. Coarser phases moderately sericitized and chloritized. Weak foliation throughout; at 45°-77'; 55°-108'; 55°-225'; 83-86: grey, medium grained, quartz feldspar porphyry with flecks of chlorite, quartz phenocrysts average 1/20" in length, feldspar phenocrysts 1/10", 50% feldspar, 10% quartz phenocrysts, 15% chlorite 1/20" in length as plates and prisms all in fine grained, grey feldspathic matrix. Upper contact at 10° to core axis. 128-133: Quartz-feldspar porphyry, light grey, 5% fine pyrite, no chlorite, upper and lower contacts at 65°. 171-173.5: diorite dyke - grey medium grained, upper contact at 60°. 239-246: quartz-feldspar porphyry. 230-261: chlorite alteration.						
261.0	593.0	Tuff agglomerate: grey with small to medium sized (up to 3/4") fragment in fine grained usually chloritic matrix with bands of fine grained banded tuff. Banding at 50° to core axis. Very minor disseminated pyrite. 354-380: more chloritic. 370: a few specks chalcopyrite. 377-378: several small blebs of chalcopyrite, pyrrhotite and sphalerite. 380-391: Quartz-feldspar porphyry - medium grained, grey with some amphibole, feldspar phenocrysts predominant. 5% disseminated pyrite. 391-393.5: chloritic agglomerate.						% CORE RECOVERY

Drilled by | Logged by

Drill Core Log

R. Bruce Graham & Associates Ltd.

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Property Daniel Mining Co. Ltd.

Hole No. 8

Latitude ..... Bearing ..... Page 2

Departure ..... Dip .....

Location ..... Length ..... Core Size .....

Elevation ..... Started ..... Completed .....

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
		393.5-401: Quartz-feldspar porphyry - less phenocrysts than 380-391. Matrix more chloritic. 401-406: Agglomerate. 406-411: Quartz-feldspar porphyry - 2% quartz 20% feldspar phenocrysts. 422.5-424: sericite alteration with several ¼" bands fine pyrite. 424-444: minor chlorite. 444-501: coarser grained with increased chlorite alteration, slight shearing at 50° from 453 to 457. Numerous small blebs and stringers of pyrite with minor pyrrhotite and a few specks of chalcopyrite. 501-509: less chloritic than above. 509-515: quartz-feldspar porphyry, light grey, medium grained. 532.5-535: quartz-feldspar porphyry. 563-569: sericitic, slightly schistose.						
593.0	625.0	Feldspar-porphyry: medium grained, light grey. 75% feldspar phenocrysts up to 3/16".						
625		END OF HOLE.						

% CORE RECOVERY

Drilled by .....

Logged by R. B. Graham and L.S. Halladay

Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property DANIEL MINING CO.

Hole No. 9

Latitude 43+30S | Bearing N 30° W | Page 1

Departure 13+00W | Dip -50° @ collar, -52° @ 600'

Ultimate Depth 698

Location | Length | Core Size

Elevation | Started June 24/59 | Completed July 1/59

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
0.0	78.0	Overburden: Casing - 80'						
78.0	305.0	Tuff-Agglomerate complex: grey, varies from fine grained fairly massive sections to sections of sericite alteration, also silicified with small agglomerate fragments. 5% pyrite & pyrrhotite as small blebs & stringers. Speck of chalcopyrite at 146. 79-82: fine grained Diorite. 123-124: quartz-Feldspar Porphyry. 153-156: fine grained, grey-green Diorite. 156-165: chloritic with quartz carbonate & epidote & possibly small altered feldspars. 5-10% pyrite & pyrrhotite. 165-167: Feldspar Porphyry - 30% feldspar phenocrysts (¼") & occasional amphiboles in grey slightly chloritic groundmass. 167-182: similar to 156-165. 182-190: slightly less chloritic than above. 190-243: fairly massive with minor chlorite & sericite alteration. A few specks chalcopyrite at 242. 243-280: similar to 156-165, small (⅛") rounded & sericitized fragments in fine grained, chloritic matrix - 10% to 20% pyrite. Numerous quartz stringers. Locally slightly schistose. 280-281: Quartz-Feldspar Porphyry - 20% small quartz & feldspar phenocrysts in fine							

% CORE RECOVERY

Drilled by Continental | Logged by "L.B. Halladay"

Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property DANIEL MINING CO.

Hole No. 9

Latitude ..... Bearing ..... Page 2

Departure ..... Dip .....

Location ..... Length ..... Core Size .....

Elevation ..... Started ..... Completed .....

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
		grained chloritic groundmass. 281-305: similar to 243-280						
305.0	316.0	Quartz-Feldspar Porphyry: medium grained, grey, 75% quartz & feldspar phenocrysts in fine grained grey, groundmass.						
316.0	344.0	Tuff-Agglomerate complex: similar to 243-280 with some short sections of fine grained gabbro (?). Speck chalcopyrite at 328. 325-326: Quartz-Feldspar Porphyry.						
344.0	352.0	Quartz-Feldspar Porphyry: similar to 305-316 with considerable disseminated pyrite & a few specks chalcopyrite.						
352.0	371.5	Tuff-Agglomerate Complex: similar to 316-344.						
371.5	388.0	Fault Zone (?): silicified zone with carbonate & chlorite. 20% pyrite disseminated & with epidote belbs that appear to have been partially leached.						
388.0	491.0	Feldspar Porphyry: medium grained, light grey, predominantly feldspar phenocrysts in fine grained, dark grey ground mass with approximately 5% quartz phenocrysts. Also 5% disseminated pyrite. Occasional amphibole phenocrysts. Minor epidote. 448-453: silicified porphyry with some epidote surrounding crystals.						
[illegible].0	519.0	Tuff-Agglomerate complex: light grey, siliceous, fragments up to ¼" in light grey slightly chloritic groundmass. 10% pyrite as small stringers and						

% CORE RECOVERY

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Drill Core Log

R. Bruce Graham & Associates Ltd.

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Property DANIEL MINING CO.

Hole No. 9

Latitude ..... Bearing ..... Page 3

Departure ..... Dip .....

Location ..... Length ..... Core Size .....

Elevation ..... Started ..... Completed .....

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
		blebs and finely disseminated. 491-503: schistose at 40° with chlorite development.						
519.0	541.0	Feldspar Porphyry (?): fine to medium grained, dark grey, with 35% small fragments and phenocrysts of feldspar & minor quartz in dark chloritic groundmass with considerable epidote alteration. Possibly gabbro.						
541.0	673.0	Tuff-Agglomerate: similar to 491-519. 561-595: very siliceous with 20% pyrite. 595-673: some sericite alteration. 634-637; 659-660; 668-669: Quartz-Feldspar Porphyry dykes. 643-647: schistose at 55°.						
673.0	689.0	Quartz-Feldspar Porphyry: medium grained, grey with large feldspar phenocrysts in light grey, fine grained groundmass with several small sections of coarse grained gabbro with feldspar phenocrysts 3/16". Minor quartz & amphibole phenocrysts.						
689.0	698.0	Tuff-Agglomerate Complex: similar to 491-519.						
	698	End of Hole.						

% CORE RECOVERY

Drilled by Continental

Logged by L.B. Halladay

Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property: DANIEL MINING CO.

Hole No. 10

Latitude 40+40S | Bearing 0° (North) | Page 1

Departure 24+00W | Dip -50° @ collar, -47° @ 600' | ULTIMATE DEPTH 638'

Location | Length | Core Size AX

Elevation | Started June 27, 1959 | Completed July 4, 1959

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
0.0	66.0	OVERBURDEN: casing 66'						
66.0	87.0	ANDESITE (?): fine grained, grey, chloritic, schistose at 40°.						
87.0	92.0	TUFF: fine grained, light grey, banded at 45° to core axis, partly sericitized & chloritized, 5% finely disseminated pyrite.						
92.0	118.0	QUARTZ-FELDSPAR PORPHYRY: medium grained, light grey, with several large inclusions of tuff as above. Porphyry predominantly feldspar & quartz phenocrysts (up to 3/16") in slightly schistose & epidotized groundmass.						
118.0	163.0	TUFF-AGGLOMERATE COMPLEX: sections vary considerably. Predominantly large 1" siliceous fragments in fine grained, dark grey, chloritic and/or sericitic groundmass. Also sections with small mafic fragments in slightly schistose (at 60° to core axis) groundmass. Occasional small quartz & carbonate stringers. 5-10% fine pyrite along slips.						
163.0	266.0	ANDESITE (?): fine grained, grey-green, slightly chloritic, intruded & silicified by numerous fine grained pink granite dykes of small (1/16") pink feldspar & blue quartz crystals. Approximately 50% granite to 233. 165-167: Quartz-feldspar Porphyry. 179-180: " " " 206-209: Andesite porphyry, occasional large feldspar phenocrysts. 233-266: similar to 163-233 with silicified & chloritic sections.						% CORE RECOVERY

Drilled by Continental

Logged by L. B. Halladay

Drill Core Log

R. Bruce Graham & Associates Ltd.

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Property DANIEL MINING CO.

Hole No. 10

Latitude | Bearing | Page 2

Departure | Dip

Location | Length | Core Size AX

Elevation | Started | Completed

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
		At 266 band of sheared amygdaloidal lava. Shearing at 65° to core axis.						
266.0	274.0	FELDSPAR PORPHYRY: light pink & grey, feldspathized & sericitized.						
274.0	339.5	QUARTZ DIORITE (?): fine to medium grained, grey, with small quartz & feldspars & blotches of chlorite (altered mafics), mostly massive with occasional small shears at 70° to core axis with chlorite. Numerous small quartz stringers. Minor pyrite.						
339.5	638.0	TUFF-AGGLOMERATE: fine grained, light grey, siliceous fragments in fine grained, grey groundmass with chlorite & sericite alteration. Slight schistosity at 65° to core axis. 5% pyrite along slips. 375-376: Feldspar Porphyry dyke. Locally finely banded tuff at 60° to core axis. 451-463: Quartz-Feldspar Porphyry, predominantly quartz & feldspar phenocrysts (3/16") in fine grained, chloritic groundmass. 475-477: Quartz-Feldspar Porphyry. 477-487: amygdaloidal flow-schistose at 60° to core axis, slightly chloritic. 487-523: predominantly fine grained, light grey, well banded (65° to core axis) sericitized tuff. 523-638: becomes more chloritic, still shows some banding - possibly flows. 616.5: 2" fault gouge.						
	638	END OF HOLE						% CORE RECOVERY

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Drill Core Log

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Property DANIEL MINING CO.

Hole No. 11

Latitude 42+80S | Bearing N 35° E | Page 1

Departure 17+00W | Dip -55° @ collar, -55° @ 600' | ULTIMATE DEPTH 720'

Location | Length | Core Size AX

Elevation | Started July 3, 1959 | Completed July 9, 1959

FROM	TO	FORMATION	SAMPLE NO.	~~xxxx~~ Width of Sample	Gold oz/ton	CU %
0.0	68.0	OVERBURDEN: Casing 68'				
68.0	189.0	TUFF-AGGLOMERATE COMPLEX: fine grained, grey, predominantly Agglomerate with siliceous fragments (up to ¾") with blotches of chlorite in fine grained groundmass. Occasional short (2') sections banded tuff, sericitic at 30° to core axis. Minor pyrite, disseminated & in small stringers.				
		129 - 130: Diorite, fine grained.				
189.0	205.5	Quartz-Feldspar Porphyry: medium grained, grey, 60% quartz & feldspar phenocrysts & minor amphibole. Several stringers chalcopyrite 204-205.				
205.5	227.0	Sulphide Zone: large blebs & stringers chalcopyrite & pyrite in chloritized Agglomerate				
		205.5 - 210.0	1985	4.5'	0.005	0.47
		210.0 - 215.0	1986	5.0'	0.01	0.30
		215.0 - 218.0	1987	3.0'	0.015	1.65
		218.0 - 223.0	1988	5.0'	0.015	1.15
		223.0 - 227.0	1989	4.0'	0.01	0.47
		AVERAGE 205.5 - 227.0		21.5'		0.75
227.0	317.0	GABBRO: fine to medium grained, dark grey-green, some chloritized inclusions of Agglomerate near contact. Minor disseminated pyrite.				1.33
317.0	327.0	QUARTZ-FELDSPAR PORPHYRY: predominantly phenocrysts in dark groundmass.				

% CORE RECOVERY

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Drill Core Log

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Property DANIEL MINING CO.

Hole No. 11

Latitude ..... Bearing ..... Page 2

Departure ..... Dip .....

Location ..... Length ..... Core Size .....

Elevation ..... Started ..... Completed .....

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
327.0	423.5	GABBRO: similar to 227-317 with some epidote alteration. 336-339: Quartz-Feldspar Porphyry						
423.5	672.3	TUFF-AGGLOMERATE COMPLEX: grey, siliceous fragments (up to ¼") in fine grained, grey groundmass with some chlorite & sericite alteration. Slightly schistose at 40° to core axis. 5-10% coarse pyrite usually with chlorite. 451-456: Gabbro, fine grained, dyke. 491-500: Tuff, fine grained, poorly banded (70°), 10% pyrite. 514.5-523.3: Quartz-Feldspar, Porphyry. After 523: becomes more siliceous with less chlorite, increase in tuff sections. 609.7-613.6: Feldspar Porphyry - 50% feldspar phenocrysts (3/16") 623 - several small specks chalcopyrite. 648-654: Feldspar Porphyry						
672.3	715.0	Feldspar Porphyry						
715.0	720.0	TUFF-AGGLOMERATE: similar to 423-672.						
	720	END OF HOLE						

% CORE RECOVERY

Drilled by Continental

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Drill Core Log

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Property DANIEL MINING CO.

Hole No. 12

Latitude 32+50S

Bearing 0° (North)

Page 1

Departure 24+00W

Dip -50° @ collar
45° @ 500'

ULTIMATE DEPTH 522'

Location

Length

Core Size AX

Elevation

Started July 7, 1959

Completed July 10, 1959

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
0.0	110.0	OVERBURDEN: casing 110'						
110.0	179.0	TUFF-AGGLOMERATE: fine grained, green, chloritic & sericitic, some light colored, finely banded sections of tuff at 45°-60° to core axis. 169-184: numerous pink feldspar veinlets. 178-179: diorite, fine grained, dark green, chloritic. Minor disseminated pyrite.						
179.0	502.0	TUFF: fine grained, light grey-green, locally well banded. 205-214: Andesite(?) chloritic. 238-244: " " 262-287: considerable pink feldspathization. 300.5-301.5: Diorite Porphyry; occasional feldspar phenocrysts in fine grained, dark grey, chloritic groundmass. 418-423: Diorite, fine grained. 458-459: Diorite Porphyry. 459-502: increasing schistosity with some chlorite & sericite alteration.						
502.0	522.0	FAULT ZONE: highly sheared tuff with sericite alteration & minor chlorite. Several short sections of gouge. 518-522: less shearing.						
	522	END OF HOLE						

% CORE RECOVERY

Drilled by Continental

Logged by L. D. Halladay

Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property DANIEL MINING CO.

Hole No. 13

Latitude 39+50S | Bearing N 30° W | Page 1

Departure 15+20W | Dip -50° @ collar, -43° @ 500' | ULTIMATE DEPTH 684'

Location | Length | Core Size AX

Elevation | Started July 11, 1959 | Completed July 16, 1959

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
0.0	62.0	OVERBURDEN: casing 62'						
62.0	186.0	GABBRO: medium grained, dark grey-green, with feldspars & mafics, latter chloritized, occasionalsmall blue quartz eyes. Numerous small quartz stringers. 15-20% pyrite, disseminated & in fractures, 5-10% disseminated magnetite. Slightly schistose increasing in intensity with depth. 73-75: Quartz-Feldspar Porphyry: Predominantly feldspar phenocrysts with minor quartz in fine grained grey groundmass. 119-127: amygdaloidal lava, chloritic, with band of quartz & carbonate amygdules that parallel core. Upper contact sharp at 25°, lower obscured by quartz. 137-137.5: Feldspar Porphyry. 137.5-148.9: sheared nearly parallel to core, chlorite, quartz. 148-153: gabbro 153-162: shear similar to 137-148. 162-167: gabbro 167-186: sheared, possibly lava, chlorite & carbonate alteration, no pyrite, shearing from 5° to 30° decreasing with depth.						
186.0	199.0	QUARTZ-FELDSPAR PORPHYRY: medium grained, light grey with quartz & feldspar phenocrysts in fine grained light grey matrix. Some sections only minor quartz phenocrysts.						

% CORE RECOVERY

Drilled by Continental

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Drill Core Log

R. Bruce Graham & Associates Ltd.

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DANIEL MINING CO.

Property

Hole No. 13

Page 2

Latitude | Bearing

Departure | Dip

Location | Length | Core Size

Elevation | Started | Completed

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
119.0	237.0	GABBRO: similar to 62-186. Several small porphyry dykes near upper contact with numerous quartz stringers carrying large blebs of pyrite & magnetite. 222-233: Diorite: fine grained, grey-green, massive, slightly chloritized. 233-234: Quartz-Feldspar Porphyry.						
237.0	312.0	ANDESITE(?): possibly fragmental, fine grained, green chloritic, becomes very schistose & chloritic after 245, also considerable carbonate injection. Shearing nearly parallel to core. Very minor disseminated pyrite. 275: several specks chalcopyrite in carbonate stringer. Considerable quartz & pyrite near lower contact.						
312.0	319.2	GABBRO: medium grained, dark green, minor epidote, minor disseminated pyrite & magnetite.						
319.2	326.0	DIORITE PORPHYRY: grey-green, 25% large (3/8") feldspar phenocrysts in fine grained matrix.						
326.0	338.0	GABBRO & DIORITE PORPHYRY: 20% in gabbro sections. ~~After~~ few specks chalcopyrite at 330.						
338.0	433.0	GABBRO: dark grey-green, varies from fine to medium grained in short sections, chloritic. Minor disseminated pyrite. 351-358: fine grained, grey, siliceous, sheared last 4' at 0° to 15° 358-376: gabbro sheared at 0° to 30° with chlorite & carbonate alteration.						% CORE RECOVERY

Drilled by Continental

Logged by L. B. Halladay

R. Bruce Graham & Associates

Property DANIEL MINING CO.

Hole No. 13

Latitude | Bearing | Page 3

Departure | Dip

Length

Elevation | Started | Completed

FROM	TO	FORMATION	SAMPLED SECTION	SAMPLE NUMBER			
		401-408: light grey, carbonatised with chlorite blebs - possibly fragmental. 408-433: gabbro becomes fine grained, chloritic probably due to inclusions of altered fragmental.					
433.0	463.0	TUFF: fine grained, light grey, with small chlorite blebs in slightly schistose carbonatized & silicified groundmass. Schistosity parallel to core. Occasional chloritic sections (altered gabbro?). Minor pyrite along slips.					
[illegible]0	472.0	QUARTZ-FELDSPAR PORPHYRY: minor disseminated pyrite.					
472.0	684.0	TUFF: fine grained, light grey-green, well banded, schistose at 25° to core axis, with sericite & chlorite alteration. Minor pyrite along bedding near upper contact. Occasional 5 foot sections with small siliceous fragments & small chlorite blebs. Schistose at 60° not as intense as in finer grained tuff. 647: light grey, well banded at 45°. 653-655: FELDSPAR-PORPHYRY: 20% feldspars phenocrysts in fine grained, dark grey, groundmass.					
	684	END OF HOLE.					

Drilled by Continental

Logged by L. B. Halladay

Drill Core Log

R. Bruce Graham & Associates Ltd.

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Property DANIEL MINING CO.

Hole No. 14

Latitude 42+50S | Bearing 090° | Page 1

Departure 17+60W | Dip -50° @ collar, -42° @ 650' | ULTIMATE DEPTH 675'

Location | Length | Core Size AX

Elevation | Started July 12, 1959 | Completed July 17, 1959

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.	% CORE RECOVERY
0.0	74.0	OVERBURDEN: casing 74'			
74.0	210.2	TUFF-AGGLOMERATE COMPLEX; grey with some carbonate & sericite alteration, siliceous in sections usually agglomerate with fragments up to ¼"; occasional short banded sections. 120-125: banded tuff at 35° to core axis, slightly schistose.			
210.2	223.0	FELDSPAR PORPHYRY: medium grained, grey with 40% feldspar phenocrysts & occasional quartz & amphibole in fine grained dark grey-green groundmass. 5% disseminated pyrite. Phenocrysts less abundant near contacts.			
223.0	418.7	GABBRO: medium grained, dark grey-green, predominantly dark mafics with 25% feldspars & occasional blue quartz. Latter appears to be secondary & replacing feldspar. Considerable (5-10%) fine disseminated pyrite, also in small fractures. Usually massive, unaltered, moderately magnetic. 331: minor chalcopyrite in quartz stringer. 353-362; 388-391; 406-408: fine grained, diorite dykes. 392-416: several 6" feldspar porphyry dykes.			
418.7	436.3	FELDSPAR PORPHYRY: similar to 210-223.			
436.3	477.7	DIORITE: fine grained, dark grey-green, massive, non-magnetic, minor disseminated pyrite. Age relation to Porphyry inconclusive.			

Drilled by Continental

Logged by L. B. Halladay

Drill Core Log

R. Bruce Graham & Associates Ltd.

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Property DANIEL MINING CO.

Hole No. 14

Latitude ..... Bearing ..... Page 2

Departure ..... Dip .....

Location ..... Length ..... Core Size .....

Elevation ..... Started ..... Completed .....

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
477.7	484.0	FELDSPAR PORPHYRY: similar to 210-223, several small inclusions of diorite & gabbro, therefore porphyry younger than both.						
484.0	626.0	GABBRO: similar to 223-416. Occasional small shears with quartz, chlorite & carbonate.						
626.0	675.0	TUFF-AGGLOMERATE: fine to medium grained, grey, with small (3/16") siliceous fragments in fine grained groundmass. Massive, some chlorite as large blebs & possibly some altered gabbro dykes. Considerable pyrite as large blebs at upper contact also as fine disseminations throughout - 10% pyrite overall.						
	675	END OF HOLE						

% CORE RECOVERY

Drilled by Continental

Logged by L. B. Halladay

Drill Core Log

R. Bruce Graham & Associates Ltd.

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DANIEL MINING CO.

Property

15

Hole No.

42 + 10S

Latitude

Vertical

Bearing 90° & collar

1

Page

16 + 60W

Departure

67° & 700'

ULTIMATE DEPTH 712'

Dip

Location

Length

Core Size

July 17, 1959

July 22, 1959

Elevation

Started

Completed

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
0.0	59.0	OVERBURDEN: Casing 59'						
59.0	70.0	FELDSPAR PORPHYRY: Grey with feldspar phenocrysts in fine grained sericitic groundmass, 5% disseminated pyrite, slightly schistose. Some chloritic sections possibly altered gabbro.						
70.0	77.0	GABBRO: Medium grained, dark grey-green, chloritic, schistose at 40° to core axis. 5% disseminated pyrite, minor chalcopyrite.						
77.0	82.0	TUFF-AGGLOMERATE COMPLEX: Fine grained, grey, somewhat chloritic due to gabbro. Approximately 1% chalcopyrite usually in fractures and in quartz stringers. 80.5 - 81.0: quartz vein with 2" massive pyrite.						
82.0	90.2	GABBRO: Similar to 70-77, becomes finer grained near lower contact. 82 - 84: 1% chalcopyrite.						
90.2	161.0	TUFF-AGGLOMERATE: Predominantly agglomerate, grey, small (⅛") siliceous fragments in fine grained groundmass with considerable chlorite alteration. Minor disseminated pyrite and a few specks chalcopyrite. 150.0 - 152.5: FELDSPAR PORPHYRY						
161.0	173.5	DIORITE: Fine grained, dark grey-green with included chloritized agglomerate.						

% CORE RECOVERY

CONTINENTAL

Drilled by

L. B. HALLADAY

Logged by

Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property DANIEL MINING CO.

Hole No. 15

Latitude ..... Bearing ..... Page 2

Departure ..... Dip .....

Location ..... Length ..... Core Size .....

Elevation ..... Started ..... Completed .....

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.	Width of Sample	Gold oz/ton	CU%	Ag
173.5	181.0	FELSITE(?): Fine grained, light grey-green, siliceous with large blebs of sericite alteration.						
181.0	222.5	TUFF-AGGLOMERATE COMPLEX - predominantly agglomerate with considerable chlorite alteration and varying amounts of chalcopyrite and pyrite usually as stringers associated with quartz.						
		SULPHIDE ZONE						
		181 - 191.2	——	Estimated less than 1% chalcopyrite				
		191.2 - 196.2	1990		5.0'	0.010	0.23	0.14
		196.2 - 201.2	1991		5.0'	0.015	0.42	0.16
		201.2 - 206.2	1992		5.0'	0.050	1.97	1.02
		206.2 - 211.2	1993		5.0'	0.005	0.16	0.06
		211.2 - 216.2	1994		5.0'	0.005	0.13	0.03
		216.2 - 222.5	1995		6.3'	Tr.	0.10	0.02
225.5	234.6	FELDSPAR PORPHYRY: Medium grained, grey, 70% feldspar phenocrysts in dark chloritic groundmass.						
234.6	419.8	TUFF-AGGLOMERATE: Predominantly agglomerate with considerable chlorite alteration, numerous small blebs and stringers of pyrite, minor chalcopyrite and pyrrhotite. Chloritization decreases to 312 with only minor chlorite after 312, no chalcopyrite.						
		362: 6" massive pyrite and pyrrhotite.						
		380.5 - 385.0: FELDSPAR PORPHYRY: 35% feldspar phenocrysts in grey groundmass.						

% CORE RECOVERY

Drilled by Continental

Logged by L. B. Halladay

R. Bruce Graham & Associates

Property DANIEL MINING CO.

Hole No. 15

Latitude | Bearing | Page 3

Departure | Dip

Length

Elevation | Started | Completed

FROM	TO	FORMATION	SAMPLED SECTION	SAMPLE NUMBER			
419.8	436.2	QUARTZ FELDSPAR PORPHYRY: Light grey, 60% quartz and feldspar phenocrysts in fine grained, dark grey groundmass.					
436.4	473.0	TUFF-AGGLOMERATE: Predominantly agglomerate, grey with occasional siliceous fragments up to ¾" in fine grained slightly chloritic groundmass. Minor disseminated pyrite. Slight lineation at 35°.					
		448: 6" Feldspar Porphyry dyke.					
[illegible]	496.0	FELDSPAR PORPHYRY: Grey, 35% feldspar phenocrysts in fine grained, grey groundmass with minor sericite development. Minor disseminated pyrite.					
496.0	643.5	TUFF-AGGLOMERATE: Predominantly agglomerate, light grey, siliceous with blotches of sericite alteration and minor chlorite. 15-20% pyrite, disseminated and in blebs.					
		605 - 610: Diorite, fine grained, minor pyrite and chalcopyrite. 626 - 636: GABBRO, fine to medium grained.					
643.5	712.0	QUARTZ-FELDSPAR PORPHYRY: 60% quarts and feldspar phenocrysts in fine grained grey groundmass. 5% disseminated pyrite. 654 - 659: Agglomerate inclusion.					
	712	END OF HOLE					
		Averages 191.2 to 206.2, 15 ft.,	0.025	oz.	au.,	044	oz. ag. 0.87% cu
		201.2 to 206.2, 5 ft.	0.05	"	"	1.02	" " 1.97% cu

Drilled by Continental

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Property DANIEL MINING CO.

Hole No. 16

Latitude 42 + 10 S | Bearing Vertical | Page 1

Departure 15 + 55 W | Dip -90° @ collar, - 90° @ 500'

Location | Length Ultimate Depth 538' | Core Size

Elevation | Started July 18/59 | Completed July 22/59

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.	Gold oz	cu %	Ag oz
0.0	71.0	Overburden: casing 71'.		Width of Sample			
71.0	74.0	Tuff: fine grained, grey, banded & slightly schistose at 50°. Quartz veinlet with pyrite at contact.					
74.0	126.5	Gabbro: medium grained, dark grey-green, massive, minor chlorite alteration with small, secondary, blue quartz eyes near upper contact. Minor disseminated pyrite. Moderately magnetic.					
126.5	133.5	Diorite: fine grained, grey-green, lower contact chilled.					
133.5	274.5	Gabbro: similar to 74-126. 173-185: slightly schistose parallel to core with chlorite development & 10% coarse pyrite. 185-188.5: Feldspar Porphyry.					
274.5	300.0	Feldspar Porphyry: grey, up to 50% feldspar phenocrysts, occasional quartz & amphibole phenocrysts in fine grained dark grey-green groundmass. Fine grained at both contacts. Minor disseminated pyrite.					
300.0	320.0	Tuff-Agglomerate: predominantly agglomerate, chloritized with small blebs pyrite and chalcopyrite.					
320.0	370.6	Sulphide Zone: small blebs and stringers of pyrite & chalcopyrite in chloritised agglomerate.					
		320-325.0	1996	5.0'	0.010	0.23	0.11
		325.0-328.0	1997	3.0'	0.010	0.20	0.08
		328.0-333.0	1998	5.0'	0.020	0.79	0.29

% CORE RECOVERY

Drilled by Continental

Logged by L. B. Halladay

Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property: DANIEL MINING CO.

Hole No. 16

Latitude: 42+10S ~~XXXXXX~~ | Bearing: ~~[illegible]~~ | Page: 2

Departure: 16+60W ~~XXXXX~~ | Dip:

Location: | Length: | Core Size:

Elevation: | Started: | Completed:

FROM	TO	FORMATION	SAMPLE NO.	LENGTH Width of Sample	Gold oz.	cu %	Ag oz.
		333.0 - 336.5	1999	3.5	0.010	0.15	0.05
		336.5 - 351.0	—	not sampled			
		336.5-339.0: Diorite, fine grained 339.0-342.5: estimate less than 1% chalcopyrite. 342.5-351.0: Diorite					
		351.0- 356.0	2000	5.0'	0.005	0.13	0.05
		356.0 - 361.0	2001	5.0'	0.005	0.13	0.05
		361.0-370.6: estimate less than 1% chalcopyrite.					
370.6	387.6	Quartz Feldspar Porphyry: grey, 60% quartz & feldspar phenocrysts in fine grained, dark green, chloritized & epidotized groundmass. 5-10% disseminated pyrite.					
387.6	416.0	Tuff-Agglomerate: similar to 300-320, minor pyrite & chalcopyrite.					
416.0	421.0	Gabbro: fine to medium grained, dark grey-green, chilled upper contact. Minor pyrite.					
421.0	479.5	Diorite Porphyry: 30% feldspar phenocrysts, minor amphiboles in grey groundmass with small crystals of feldspars & amphiboles, Minor disseminated pyrite. Last 5' more siliceous possibly feldspar porphyry dyke.					
479.5-	489.5	Tuff-Agglomerate: similar to 300-320, minor pyrite.					
489.5	517.0	Diorite Porphyry: similar to 421-479.					
517.0	538.0	Tuff-Agglomerate: similar to 300-320 minor pyrite.					
	538	End of Hole.					

% CORE RECOVERY

Drilled by: Continental

Logged by: L. B. Halladay

Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property DANIEL MINING CO

Hole No. 17

Latitude 41 + 15 S | Bearing Vertical | Page 1

Departure 15 + 45 W | Dip 90° @ Collar, 84° @ 578'

Ultimate Depth 578'

Location | Length | Core Size AXT

Elevation | Started | Completed July 27/59

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
0.0	66.0	Overburden: casing 66'						
66.0	67.0	Agglomerate (?): grey with what appears to be small fragments in silicified groundmass containing small feldspars. Schistose with some chlorite development. Minor pyrite & a few specks chalcopyrite.						
67.0	71.0	Feldsper Porphyry (?): fine to medium grained, grey, with some chlorite development. Numerous small altered feldspars.						
71.0	216.0	Gabbro: medium grained, dark grey-green, usually massive, some chloritization. 5-10% disseminated pyrite, moderately magnetic. Occasional zones with small, secondary, blue, quartz eyes. 83.5-90.0: Quartz-Feldspar Porphyry - 60% quartz & feldspar phenocrysts in dark grey groundmass. 136-141: schistose parallel to core with quartz & chlorite. 176-176.5: Feldspar Porphyry 177-196: some chlorite alteration with small quartz eyes & minor carbonate. 177-216: gabbro slightly more acid than previously.						
216.0	227.0	Dirite Porphyry: fine grained, grey with occasional feldspar & amphibole phenocrysts. Several inclusions of gabbro.						
227.0	261.0	Quartz Feldspar Porphyry: grey with 60% quartz & feldspar phenocrysts in fine grained, dark grey groundmass. Minor pyrite. 240: small inclusion of altered gabbro (?).						

% CORE RECOVERY

Drilled by Continental

Logged by L.B. Halladay

Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property DANIEL MINING CO.

Hole No. 17

Latitude ..... Bearing ..... Page 2

Departure ..... Dip .....

Location ..... Length ..... Core Size .....

Elevation ..... Started ..... Completed .....

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
261.2	262.6	Diorite Porphyry: similar to 216-227.						
262.6	455.0	Gabbro: similar to 71-216. 286-291: Diortie Porphyry - dark grey with 40% feldspar & amphibole phenocrysts in fine grained groundmass. 324-340: minor chlorite alteration with quartz-carbonate injection & 10% pyrite disseminated & in stringer. 365-377: Diorite, fine grained. 441-455: becomes finer grained with considerable chlorite alteration.						
455.0	528.0	Agglomerate: grey with small siliceous fragments ($\frac{1}{8}$") in fine grained, grey, siliceous groundmass. Minor sericite alteration. 10%-15% pyrite as small blebs & stringers. Upper contact irregular at approximately 20° to core axis.						
528.0	539.0	Gabbro: fine to medium grained grey-green, minor pyrite, moderately magnetic, lower contact chilled & at 20° to core axis.						
539.0	578.0	Agglomerate: similar to 455-528 with 15-20% py. Some chlorite development after 556.						
578		End of Hole						

% CORE RECOVERY

Drilled by Continental Logged by L. B. Halladay

Drill Core Log

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Mining Consultants

Property DANIEL MINING CO.

Hole No. 18

Latitude 41 + 15 S | Bearing Vertical | Page 1

Departure 16 + 45 W | Dip -90° @ collar, 87° @ 403'

Location | Length 506' | Core Size AXT

Elevation | Started July 24/59 | Completed July 28/59

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
0.0	54.0	Overburden: casing 54'						
54.0	269.0	GABBRO: medium grained, dark grey-green, minor chlorite alteration, numerous quartz & carbonate stringers, 5-10% disseminated pyrite, moderately magnetic. Occasional short chloritic section with schistosity parallel to core. 89.5-90.8: fine grained, light grey, tuff, slightly schistose & banded at 65° to core axis. Gabbro for 5 feet on either side of contact appears silicified. 94.5-95.5: Feldspar Porphyry - with small inclusions of sheared tuff. 175-180: grey, slightly schistose, chloritized section, possibly agglomerate inclusion. 184-185: Diorite, fine grained.						
269.0	290.0	AGGLOMERATE: grey, siliceous with small (½") rounded fragments in fine grained, siliceous & sericitized groundmass. 10% pyrite in small blebs & stringers.						
290.0	292.5	DIORITE PORPHYRY: fine grained, dark grey with occasional feldspar & amphibole phenocrysts.						
292.5	341.7	QUARTZ-FELDSPAR PORPHYRY: 70% quartz & feldspar phenocrysts in fine grained, grey groundmass, minor disseminated pyrite.						
341.7	344.0	DIORITE PORPHYRY: similar to 290-292.						

% CORE RECOVERY

Drilled by Continental | Logged by L. B. Halladay

Drill Core Log

R. Bruce Graham & Associates Ltd.

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Property DANIEL MINING CO.

Hole No. 18

Latitude ..... Bearing ..... Page 2

Departure ..... Dip .....

Location ..... Length ..... Core Size .....

Elevation ..... Started ..... Completed .....

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
344.0	350.0	AGGLOMERATE: grey, with siliceous fragments up to 3/4" in fine grained groundmass with chlorite & sericite alteration. 5% pyrite.						
350.0	359.0	TUFF(?): fine grained, grey, siliceous with minor sericite alteration, slight lineation at 20° to core axis. Minor pyrite.						
359.0	412.6	AGGLOMERATE: similar to 344-350.						
412.6	445.0	FELDSPAR PORPHYRY: grey, 30% feldspar phenocrysts in fine grained, grey groundmass. 5% pyrite as blebs.						
445.0	506.0	AGGLOMERATE: similar to 344-350, with less chlorite 10-15% disseminated pyrite, minor pyrrhotite						
	506	END OF HOLE						

% CORE RECOVERY

Drilled by Continental Logged by L. B. Halladay

Drill Core Log

R. Bruce Graham & Associates Ltd.

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Property DANIEL MINING CO.

Hole No. 19

Latitude 35 + 60 S | Bearing S 60° W | Page 1

Departure 13 + 50 W | Dip 50° @ collar, 44°@ 540 42° @ 900

Location | Length 913 | Core Size A X T

Elevation | Started July 28/59 | Completed Aug. 10/59

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
0.0	140.0	OVERBURDEN: casing 150'						
140.0	247.4	TUFF-AGGLOMERATE COMPLEX: fine grained, grey, with occasional large grey fragments, slight lineation varies from 0° to 20° to core axis. Minor pyrite in narrow stringers nearly parallel to core. Minor feldpathization in first 5 feet. 164-166.5: TUFF - grey, banded parallel to core. 166.5-169.0: GABBRO ('POLKA-DOT"): occasional large (up to ⅛") feldspars in fine grained, grey, groundmass. 192-247: becomes quite chloritic with some gabbroic sections. 5-10% pyrite & a few specks of chalcopyrite at 202'.						
247.4	308.0	GABBRO: medium grained, dark grey-green, massive with minor small blue quartz eyes, 10-15% pyrite, moderately magnetic. 295.5-296.0: DIORITE PORPHYRY: 30% small feldspar phenocrysts in fine grained, dark grey groundmass. Gabbro on both contacts sheared at 30° to core axis with chlorite alteration. 302-308: finer grained with some included agglomerate(?).						
308.0	361.0	FELDSPAR PORPHYRY: grey, 60% feldspar phenocrysts, well developed (up to 3/16") with minor quartz and amphibole phenocrysts. Minor disseminated pyrite.						
361.0	374.0	GABBRO: similar to 247-308. 373-374: fine grained, chloritic, non-magnetic, possibly agglomerate inclusion.						% CORE RECOVERY

Drilled by CONTINENTAL

Logged by L.B. HALLADAY

Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property DANIEL MINING CO.

Hole No. 19

Latitude ..... Bearing ..... Page 2

Departure ..... Dip .....

Location ..... Length ..... Core Size .....

Elevation ..... Started ..... Completed .....

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
374.0	385.3	FELDSPAR PORPHYRY: similar to 308-361.						
385.3	485.0	GABBRO: similar to 247-308. 411-415: fine grained, chloritic Agglomerate inclusion with quartz & pyrite. 415-430: numerous quartz stringers nearly parallel to core with 15-20% pyrite. 441-450: Agglomerate(?) inclusion, chloritized. 480-484: fine grained gabbro.						
.0	820.0	TUFF: small (1/16") light grey fragments in fine grained siliceous groundmass. Rough alligment of fragments at 20° to core axis. Very minor disseminated pyrite. 576 & 581: narrow (1/8") stringers of sphalerite & pyrite in feldspar veinlets. 584-628: core badly broken, very siliceous with chloritic sections, slightly schistose & locally banded at 20° to core axis. Considerable injected feldspar, 20% pyrite, disseminated & in small stringers. 652-660: banded at 20° to core axis, very siliceous, 15-20% disseminated pyrite. 660-760: mottled with small chloritic blebs, massive to faintly banded & slightly schistose at 20° to core axis. 760-820: becomes more chloritic, slightly schistose parallel to core with some quartz & feldspar injection. Interbanded agglomerate increasing with depth.						% CORE RECOVERY

Drilled by CONTINENTAL

Logged by L.B. HALLADAY

Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property DANIEL MINING CO.

Hole No. D19

Latitude | Bearing | Page 3

Departure | Dip

Location | Length | Core Size

Elevation | Started | Completed

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
820.0	913.0	AGGLOMERATE: grey with small (⅛") siliceous fragments in fine grained chloritic groundmass. Some interbanded tuff, 846- narrow stringers of sphalerite & chalcopyrite parallel to core. 848- minor chalcopyrite in quartz stringer. 910-913: numerous small feldspars, possibly approaching porphyry.						
	913	END OF HOLE						

% CORE RECOVERY

Drilled by CONTINENTAL

Logged by L.B. HALLADAY

Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property DANIEL MINING CO.

Hole No. 20

Latitude 34 + 00 S | Bearing 0° (North) | Page 1

Departure 24 + 00 W | Dip -50° @ collar

Location | Length 154' | Core Size AX

Elevation | Started July 30/59 | Completed Aug. 1/59

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
0.0	154.0	OVERBURDEN: casing 154'						
	154.	Hole abandoned - due flattening unable to reach bedrock. Steepened to 55° - see hole 20 A						

% CORE RECOVERY

Drilled by Continental

Logged by L. B. Halladay

Drill Core Log

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Property: DANIEL MINING CO.

Hole No. 20 A

Latitude 34 + 00 S | Bearing 0° (North) | Page 1

Departure 24 + 00 W | Dip -55° @ collar, -53° @ 350'

Location | Length 387 | Core Size AX

Elevation | Started Aug. 1/59 | Completed Aug. 5/59

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
0.0	153.0	OVERBURDEN: casing 153'						
153.0	154.0	GABBRO(?): fine grained, green						
154.0	387.0	TUFF: fine grained, grey & dark grey, finely banded at 60° to core axis. Slightly schistose with chlorite & sericite alteration. Minor injected feldspar (pink) 158-159) 175-177) Gabbro dykes: fine 203-204) grained, grey-green, chloritized. 205-210: 15% dark red feldpathic alteration. (similar to hole 1) specks of chalcopyrite. 223-226: Gabbro: fine grained dyke, slightly magnetic. 250-251: Gabbro (?): chloritized. 285-302: highly chloritized section, faintly banded, possibly flow. 337-339: Diorite dyke, fine grained. 349-353: Felsite (?): fine grained, grey, siliceous. 357-385: Diorite, fine grained.						
	387	End of Hole						

% CORE RECOVERY

Drilled by: Continental

Logged by: L. B. Halladay

Drill Core Log

R. Bruce Graham & Associates Ltd.

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Property DANIEL MINING CO.

Hole No. 21

Latitude 42 + 70 S | Bearing Vertical | Page 1

Departure 17 + 20 W | Dip 90° @ collar

Location | Length 578 | Core Size A X T

Elevation | Started Aug. 7/59 | Completed Aug. 14/59

FROM	TO	FORMATION	SAMPLE NO.	~~LENGTH~~ width of sample	Gold oz.	cu %	Ag oz	ZN %
0.0	55.0	OVERBURDEN: casing 55'						
55.0	212.5	TUFF-AGGLOMERATE: grey-green, predominantly agglomerate with small siliceous fragments in fine grained groundmass with some sericite & chlorite alteration. Very minor pyrite. 65-72: TUFF: poorly banded at 0°-20° to axis. 92-93: FELSITE(?): fine grained, light green, siliceous, minor disseminated magnetite. 93-96: medium grained, GABBRO(?), slightly schistose, chloritic with small quartz - carbonate blebs. 96-100: TUFF and finely banded at 60° to axis. 118-142: Agglomerate(?): small feldspars & Mafic fragments (3/8") in fine grained, grey, groundmass. Slightly schistose. 142-212: only occasional small siliceous fragments in fairly massive groundmass, with slight lineation nearly parallel to core.						
212.5	235.0	DIORITE PORPHYRY: 40% feldspar phenocrysts, up to 3/8", well developed, cream-colored & white, with occasional quartz & amphibole phenocrysts in fine grained, dark grey-green groundmass.						
235.0	237.7	AGGLOMERATE: similar to 55-212.						
237.7	241.7	SULPHIDE ZONE: heavy stringers of pyrite, sphalerite & chalcopyrite in highly siliceous rock with numerous quartz stringers. Sulphide stringers run at 20° to core axis 237.7-241.7	2002	4.0'	0.015	0.16	0.10	1.24

% CORE RECOVERY

Drilled by CONTINENTAL

Logged by L. B. HALLADAY

Drill Core Log

R. Bruce Graham & Associates Ltd.

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Property DANIEL MINING CO.

Hole No. 21

Latitude ..... Bearing ..... Page 2

Departure ..... Dip .....

Location ..... Length ..... Core Size .....

Elevation ..... Started ..... Completed .....

FROM	TO	FORMATION	SAMPLE NO.	~~LENGTH FT.~~	Gold oz.	cu %	Ag oz	ZN %
		Estimate 2.5% sphalerite, 1% chalcopyrite, 10% pyrite.		width of sample				
241.7	355.5	AGGLOMERATE: similar to 55-212 with minor pyrite except near sulphide zone. Some highly siliceous sections.						
		Minor sphalerite & chalcopyrite: 241.7-246.7	2003	5.0'	0.005	0.08	0.03	nil
		328-355: increase in chlorite alteration with minor chalcopyrite: 351.5-355.5	2004	4.0'	0.010	0.16	0.10	
		1% chalcopyrite as stringers with pyrite in quartz.						
[illegible].5	364.5	QUARTZ FELDSPAR PORPHYRY: grey, 70% quartz & feldspar phenocrysts in fine grained, grey-green, groundmass. Minor pyrite.						
364.5	370.5	AGGLOMERATE: similar to 55-212 with several small stringers of chalcopyrite, (0.7%).						
370.5	374.0	FELDSPAR PORPHYRY: dark grey-green, 40% feldspar phenocrysts 5% disseminated pyrite.						
374.0	382.0	AGGLOMERATE: Chloritized, with several large stringers of pyrite & chalcopyrite. 5-10%, pyrite, less than 1% chalcopyrite 374.0-378.0	2005	4.0	0.015	0.16	0.12	

% CORE RECOVERY

Drilled by CONTINENTAL

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Drill Core Log

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Property DANIEL MINING CO.

Hole No. 21

Latitude ..... Bearing ..... Page 3

Departure ..... Dip .....

Location ..... Length ..... Core Size .....

Elevation ..... Started ..... Completed .....

FROM	TO	FORMATION	SAMPLE NO.	LENGTH Ft. width of sample	Gold oz	Cu %	Ag oz
		378-0 - 382.0	2006	4.0	0.010	0.10	0.07
382.0	395.0	QUARTZ FELDSPAR PORPHYRY: grey, 60% quartz & feldspar phenocrysts & occasional amphiboles, 5% disseminated pyrite.					
395.0	578.0	AGGLOMERATE: grey, chloritized groundmass with siliceous fragments up to 1". Locally slightly schistose at 20° to core axis. 446-490: numerous small stringers & blebs of pyrite with minor chalcopyrite & pyrrhotite. Less than 1% chalcopyrite. 495-578: becomes more siliceous, less chlorite alteration. Fragments become smaller in size, possibly some interbanded tuff. 5% pyrite, disseminated & as small belbs & stringers. 558-563; Feldspar Porphyry - 50% feldspar phenocrysts in fine grained dark grey, groundmass.					
	578	END OF HOLE					

% CORE RECOVERY

Drilled by CONTINENTAL

Logged by L. B. HALLADAY

Drill Core Log

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Property DANIEL MINING CO.

Hole No. 22

Latitude 41 + 65 S

Bearing Vertical

Page 1

Departure 14 + 50 W

Dip -90° collar, 84° @ 500', 82° @ 930'

Location

Length 938'

Core Size AXT

Elevation

Started August 15 1959 Completed Aug. 25 1959

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
0.0	66.0	OVERBURDEN: casing 72'						
66.0	72.0	TUFF-AGGLOMERATE (?): fine grained, dark grey with chlorite alteration and small Feldspar Porphyry dyke. (Possibly boulders.)						
72.0	76.6	GABBRO (?): medium grained, grey-green with quartz, chlorite and carbonate alteration, slightly schistose at 45° to core axis.						
76.6	92.5	TUFF: fine grained, light to dark grey, poorly banded at 35° to core axis with small, chlorite blebs.						
92.5	185.0	AGGLOMERATE: dark grey-green with siliceous fragments up to ¼" in chloritized groundmass. 5% pyrite, disseminated and in small stringers. 126: several blebs chalcopyrite. 146: small stringer pyrite, pyrrhotite and chalcopyrite. 162-173: Diorite, fine grained with numerous carbonate-filled fractures at 90° to axis. 10% pyrite.						
185.0	204.5	GABBRO: fine grained, dark grey-green, massive, 5% pyrite, moderately magnetic.						
204.5	278.0	AGGLOMERATE: grey-green, with poorly defined fragments with chlorite, sericite and carbonate alteration. Schistose at 20° to core axis. 221-229: Feldspar Porphyry - 50% feldspar phenocrysts, occasional quarts in green chloritic groundmass.						

% CORE RECOVERY

Drilled by CONTINENTAL

Logged by L. B. HALLADAY

Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property DANIEL MINING CO.

Hole No. 22

Latitude ..... Bearing ..... Page 2

Departure ..... Dip .....

Location ..... Length ..... Core Size .....

Elevation ..... Started ..... Completed .....

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
278.0	304.5	QUARTZ FELDSPAR PORPHYRY: grey with 60% well-developed feldspar and quartz phenocrysts and minor amphibole in dark green groundmass. Some sections with no quartz. Occasional small inclusions of agglomerate. 300.0-302.7: Agglomerate.						
304.5	357.0	GABBRO: medium grained, dark grey-green, massive, 5-10% pyrite, moderately magnetic, occasional sections with small quartz eyes. 349-350: quartz and feldspar veinlets. 351-355: Diorite Porphyry - 20% small feldspar and occasional amphibole phenocrysts in fine grained dark grey groundmass.						
357.0	360.0	DIORITE PORPHYRY: similar to 351-355. Upper contact (at 35° to core axis) partially chilled. Lower contact (at 20° to core axis) - slight lineation of minerals.						
360.0	410.8	QUARTZ FELDSPAR PORPHYRY: grey, 70% feldspar and quartz phenocrysts in fine grained, grey groundmass, locally chloritic, minor disseminated pyrite. last 3' less phenocrysts more chloritic groundmass.						
410.8	412.5	GABBRO: similar to 304-357. 443-445: shear at 20° to axis with chlorite, carbonate and pyrite. 477-483: 5-10% disseminated magnetite. 483-486: fine grained, chloritized inclusion of Tuff(?).						% CORE RECOVERY

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Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property DANIEL MINING CO.

Hole No. 22

Latitude ..... Bearing ..... Page 3

Departure ..... Dip .....

Location ..... Length ..... Core Size .....

Elevation ..... Started ..... Completed .....

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.	oz/ton Au.	oz/ton Ag.	% Cu.	% CORE RECOVERY
509.0	751.6	QUARTZ FELDSPAR PORPHYRY: medium grained, grey, with 60% feldspar and quartz phenocrysts in fine grained groundmass, 5% disseminated pyrite. Upper contact irregular with considerable mafic material in porphyry. 524-530, 541-543: fine grained, altered inclusions of Tuff(?). 547: fine grained, light green banded, 1" veinlet at 10° to core axis. 590-594: phenocrysts indistinct, silicified. Quartz becomes less abundant with depth, occasional zones with no quartz. Last 2 feet considerable partially-assimilated agglomerated.						
751.6	785.3	TUFF-AGGLOMERATE: fine grained, dark grey, massive, only occasional small fragments visible. Numerous small blebs and stringers of pyrite at 40° to core axis. 779-785: Agglomerate- with small siliceous fragments and chloritic groundmass. 5% pyrite, minor chalcopyrite.						
785.3	793.0	SULPHIDE ZONE: numerous small stringers and blebs of chalcopyrite and pyrite (at 40° to core axis) in chloritic groundmass surrounding small (¼") siliceous fragments.						
		785.3 - 790.3	2007	5.0'	0.015	0.27	0.41	
		790.3 - 793.0	2008	2.7'	0.010	0.28	0.45	
793.0	830.0	AGGLOMERATE: large (4") siliceous, light grey fragments with minor chloritic groundmass, minor pyrite, chalcopyrite and sphalerite.						

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Drill Core Log

R. Bruce Graham & Associates Ltd.

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Property DANIEL MINING CO.

Hole No. 22

Latitude | Bearing | Page 4

Departure | Dip

Location | Length | Core Size

Elevation | Started | Completed

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
		809-820: highly chloritic groundmass, minor pyrite and chalcopyrite. 820-830: fine grained, very small fragments roughly aligned at 40° to core axis.						
830.0	897.6	DIORITE PORPHYRY: 30-40% feldspar phenocrysts, occasional quartz in fine grained, grey-green groundmass. 5% disseminated pyrite.						
897.6	938.0	TUFF-AGGLOMERATE: predominantly grey, siliceous with small indistinct fragments (up to ¼") roughly aligned with a few short sections of finely banded (at 40° to core axis) Tuff. Little chlorite and sericite alteration. 5% pyrite, disseminated and in small stringers. 907-908: fine grained, dark green, gabbro with minor disseminated pyrite and magnetite.						
	938	END OF HOLE						

% CORE RECOVERY

Drilled by CONTINENTAL

Logged by L. B. HALLADAY

Drill Core Log

R. Bruce Graham & Associates Ltd.

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Property: DANIEL MINING COMPANY

Hole No. 23

Latitude: 41 + 90 S

Bearing: Vertical

Page: 1

Departure: 15 + 00 W

Dip: -90° @ collar, 81° @ 620'

Location:

Length: 636'

Core Size:

Elevation:

Started: Aug. 28, 1959

Completed: Sept. 5, 1959

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
0.0	71.0	OVERBURDEN: Casing 71'						
71.0	109.0	AGGLOMERATE: grey, chloritic with small, indistinct, rounded fragments. Locally faintly banded or schistose at 35° to core axis. 89-92: Feldspar Porphyry dyke.						
109.0	292.0	GABBRO: medium grained, dark grey-green, locally slightly chloritic. Fine grained near upper contact. 5-10% pyrite, moderately magnetic with sections of 5% finely disseminated magnetite. Predominantly small irregularly-shaped clusters of mafics & feldspars with occasional small blue quartz eyes. 190-197: Diorite, fine grained. 288-292: Slightly schistose parallel to core with chlorite development.						
292.0	305.2	FELDSPAR PORPHYRY: dark grey, with 60% feldspar phenocrysts in fine grained, dark grey, groundmass. Occasional quartz & amphibole phenocrysts. 5% disseminated pyrite.						
305.2	520.5	GABBRO: similar to 109-292. 305-323: slightly schistose at 20° to core axis with chlorite alteration & quartz-carbonate veinlets. 361-366: Feldspar Porphyry: similar to 292-305 with less feldspar phenocrysts. 414-417: Diorite, fine grained. 418-428: numerous small stringers of pyrite, last 2 feet of gabbro schistose parallel to core.						% CORE RECOVERY

Drilled by: CONTINENTAL

Logged by: L. B. HALLADAY

Drill Core Log

R. Bruce Graham & Associates Ltd.

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Property DANIEL MINING COMPANY

Hole No. 23

Latitude ..... Bearing ..... Page 2

Departure ..... Dip .....

Location ..... Length ..... Core Size .....

Elevation ..... Started ..... Completed .....

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
		429-431.3: Feldspar Porphyry - 50% feldspar & amphibole phenocrysts in fine grained, dark grey groundmass with minor pyrite. 449.5-455.0: Diorite, fine grained, grey-green, with occasional small feldspar phenocrysts. 459-462: Diorite, fine grained. 483-485: highly chloritized. 496-497: fine grained, quartz-feldspar veinlet. Last 5' of gabbro fine grained, slightly chloritic.						
5	545.4	TUFF-AGGLOMERATE: grey, siliceous, fine grained with sections of small ($\frac{3}{4}$") siliceous fragments also sections finely banded at 50° to core axis. Minor chlorite alteration. 5-10% pyrite usually as small blebs along banding. 543.4: several large blebs chalcopyrite with quartz-carbonate stringer. 539-543: Diorite Porphyry - fine grained, grey with 10% feldspar phenocrysts & occasional quartz & amphibole. Also as short dyke at 545.4.						
545.4	578.0	QUARTZ FELDSPAR PORPHYRY: medium grained, grey with 70% quartz & feldspar phenocrysts.						
578.0	580.0	DIORITE PORPHYRY: similar to 539-543.						
580.0	636.0	TUFF-AGGLOMERATE: similar to 520-545 with several quartz carbonate veinlets. 10% disseminated pyrite. 586-588: quartz-feldspar veinlet. 617.5-624.0: Quartz-Feldspar-Porphyry.						% CORE RECOVERY
	636	END OF HOLE						

Drilled by CONTINENTAL

Logged by L. B. HALLADAY

Drill Core Log

R. Bruce Graham & Associates Ltd.

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DANIEL MINING COMPANY

Property .....

Hole No. 24

Latitude Located 175' East & 250' South Bearing 015°

Page 1

Departure of Post 4- C141888- Claim 2 Dip -50° @ collar

Location On south bank of tributary of MacIvor River Length 190'

Core Size .....

Elevation ..... Started Aug. 17, 1959 Completed Aug. 23, 1959

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
0.0	190.0	OVERBURDEN: clay, sand, gravel, boulders. Hole abandoned - unable to pass water seam.						
		100 feet 3" pipe) left in 60 " AX casing) hole.						
	190	END OF HOLE						

% CORE RECOVERY

Drilled by CONTINENTAL

Logged by L. B. HALLADAY

Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property DANIEL MINING COMPANY

Hole No. 25

Latitude Located 75' East and 50' | Bearing 025° | Page 1

Departure South of post 4 | Dip -60° @ collar

Location C 141888 - Claim 2 | Length 212' | Core Size

Elevation on south bank of tributary of MacIvor River | Started Aug. 26, 1959 | Completed Aug. 31, 1959

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
0.0	212.0	OVERBURDEN: clay, sand, gravel, boulders. Hole abandoned due to water seam and sand.						
		60 feet 3" pipe) left in 10 " Ax casing) 10 " Ex ") hole.						
	212	END OF HOLE						

% CORE RECOVERY

Drilled by CONTINENTAL

Logged by L. B. HALLADAY

Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property DANIEL MINING CO.

Hole No. 26

Latitude 8 + 60 N } West Grp.
Departure 60 + 00 W }

Bearing North

Page 1

Dip -60° @ collar

Location

Length 487'

Core Size

Elevation

Started

Completed

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
0.0	123.0	OVERBURDEN: casing 123'						
123.0	175.0	ARGILLITE: fine grained, dark grey-green, well & finely banded & schistose at 40° to core axis with considerable chlorite alteration. Beds usually ¼" to 3/8" in thickness. Considerable injected quartz & carbonate. Very minor pyrite and a few specks of chalcopyrite. Possible cross-bedding indicating tops to the south.						
175.0	210.5	ANDESITE: fine grained, grey-green, chloritic, schistose at 35° to core axis, slightly magnetic. Several bands of small carbonate amygdules at upper contact.						
210.5	331.5	GABBRO: medium grained, dark grey-green, predominantly small amphiboles with feldspars. Slight lineation of minerals. Minor pyrite & magnetite (moderately magnetic). Several short highly altered inclusions of Andesite(?)						
331.5	424.0	ARGILLITE: similar to 123-175 but not as well banded, more chloritic. Banding at 40°. Numerous small fractures normal to core axis with carbonate and quartz filling. Very minor pyrite, non-magnetic. Possibly some interbanded Andesite, slightly magnetic. 387-392: GABBRO (?) dyke with considerable carbonate as amall blebs.						% CORE RECOVERY

Drilled by CONTINENTAL

Logged by L. B. HALLADAY

Drill Core Log

R. Bruce Graham & Associates Ltd.

Mining Consultants

Property DANIEL MINING CO.

Hole No. 26

Latitude ..... Bearing ..... Page 2

Departure ..... Dip .....

Location ..... Length ..... Core Size .....

Elevation ..... Started ..... Completed .....

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
424.0	487.0	GABBRO: fine to medium grained, dark grey-green, chloritic with some included Argillite; schistose, at 40° to core axis, near upper contact. Minor disseminated pyrite and magnetite (moderately magnetic). Numerous carbonate stringers and blebs.						
	487	END OF HOLE						

% CORE RECOVERY

Drilled by CONTINENTAL

Logged by L. B. HALLADAY

COMPANY DANIEL MINING CO. LTD.

HOLE NO.	ASSAY NO.	FROM	TO	WIDTH	Au	Cu	Ag	Zn	WCu	W	W	TOTAL WIDTH	AVE. VAu	AVE. VCu	ave. V	AVE. V
3	1965	285	290	5	Nil	0.40	0.20	Trace								
	1966	290	295	5	Trace	0.35	0.24	0.10								
	1967	295	300	5	0.005	0.60	0.34	0.15								
	1968	300	305	5	0.01	0.70	0.48	Trace								
	1969	305	310	5	0.005	0.90	0.40	0.10								
	1970	310	315	5	Trace	2.45	1.24	0.05								
	1971	315	320	5	0.005	0.40	0.22	Trace								
	1972	320	323	3	Trace	0.40	0.26	Trace								
		323	338	15	Barren Dyke											
	1973	338	343	5	Trace	1.05	0.62	0.25								
	1974	343	348	5	Trace	0.50	0.26	0.40								
	1975	348	353	5	0.005	0.30	0.24	Trace								
	1976	353	359	6	0.025	0.45	0.24	Trace								
	AVERAGES:															
		285' to 323'	=	38'	at 0.79% Cu;	0.43 oz. Ag./ton										
		338' to 359'	=	21'	at 0.57% Cu;	0.33 oz. Ag/ton										
		300' to 315'	=	15'	at 1.35% Cu;	0.71 oz. Ag/ton										

PUBLIC

COMPANY Daniel Mining Co. Ltd.
Daniel Township.

HOLE NO.	ASSAY NO.	FROM	TO	WIDTH	Au	Cu	Ag.	WAu	WCu	W	W	TOTAL WIDTH	AVE. VAu	AVE. VCu	ave. V	AVE. V
5	1978	235	236.5	1.5	0.015		0.02									
	1977	254.5	255	0.5	0.02	1.05	0.46									
	1979	373	374	1.0	0.005		0.01									
	1980	496	499	3.0	0.025		0.03									
	1981	506.5	508	1.5	0.02		0.02									
	1982	637.5	640.5	1.0	0.02		0.01									
	1983	645	646	1.0	0.015		0.02									
	1984	655	656	1.0	0.015		0.02									

COMPANY DANIEL MINING CO.

HOLE NO.	ASSAY NO.	FROM	TO	WIDTH	Au	Cu	.	. WAu	WCu	W	W	TOTAL WIDTH	AVE. VAu	AVE. VCu	ave. V	AVE. V
11	1985	205.5	210.0	4.5'	0.005	0.47										
	1986	210.0	215.0	5.0'	0.01	0.30										
	1987	215.0	218.0	3.0'	0.015	1.65										
	1988	218.0	223.0	5.0'	0.015	1.15										
	1989	223.0	227.0	4.0'	0.01	0.47										
	AVERAGE	205.5	227.0	21.5'		0.75										
		215.0	223.0	8'		1.33										

COMPANY DANIEL MINING CO.

HOLE NO.	ASSAY NO.	FROM	TO	WIDTH	Au	Cu	. Ag	. WAu	WCu	W	W	TOTAL WIDTH	AVE. VAu	AVE. VCu	ave. V	AVE. V
15	----	181	191.2	Estimated at less than 1% chalcopyrite												
	1990	191.2	196.2	5.0'	0.010	0.23	0.14									
	1991	196.2	201.2	5.0'	0.015	0.42	0.16									
	1992	201.2	206.2	5.0'	0.050	1.97	1.02									
	1993	206.2	211.2	5.0'	0.005	0.16	0.06									
	1994	211.2	216.2	5.0'	0.005	0.13	0.03									
	1995	216.2	222.5	6.3'	Tr.	0.10	0.02									
	AVERAGE	191.2	206.2	15'	0.0250	.87%	0.44									
		201.2	206.2	5'	0.05	1.97%	1.02									

COMPANY DANIEL MINING CO.

HOLE NO.	ASSAY NO.	FROM	TO	WIDTH	Au	Cu	.Ag	. WAu	WCu	W	W	TOTAL WIDTH	AVE. VAu	AVE. VCu	ave. V	AVE. V
16	1996	320.0	325.0	5.0'	0.010	0.23	0.11									
	1997	325.0	328.0	3.0'	0.010	0.20	0.08									
	1998	328.0	333.0	5.0'	0.020	0.79	0.29									
	1999	333.0	336.5	3.5'	0.010	0.15	0.05									
	----	336.5	351.0	Not sampled												
	2000	351.0	356.0	5.0'	0.005	0.13	0.05									
	2001	356.0	361.0	5.0'	0.005	0.13	0.05									

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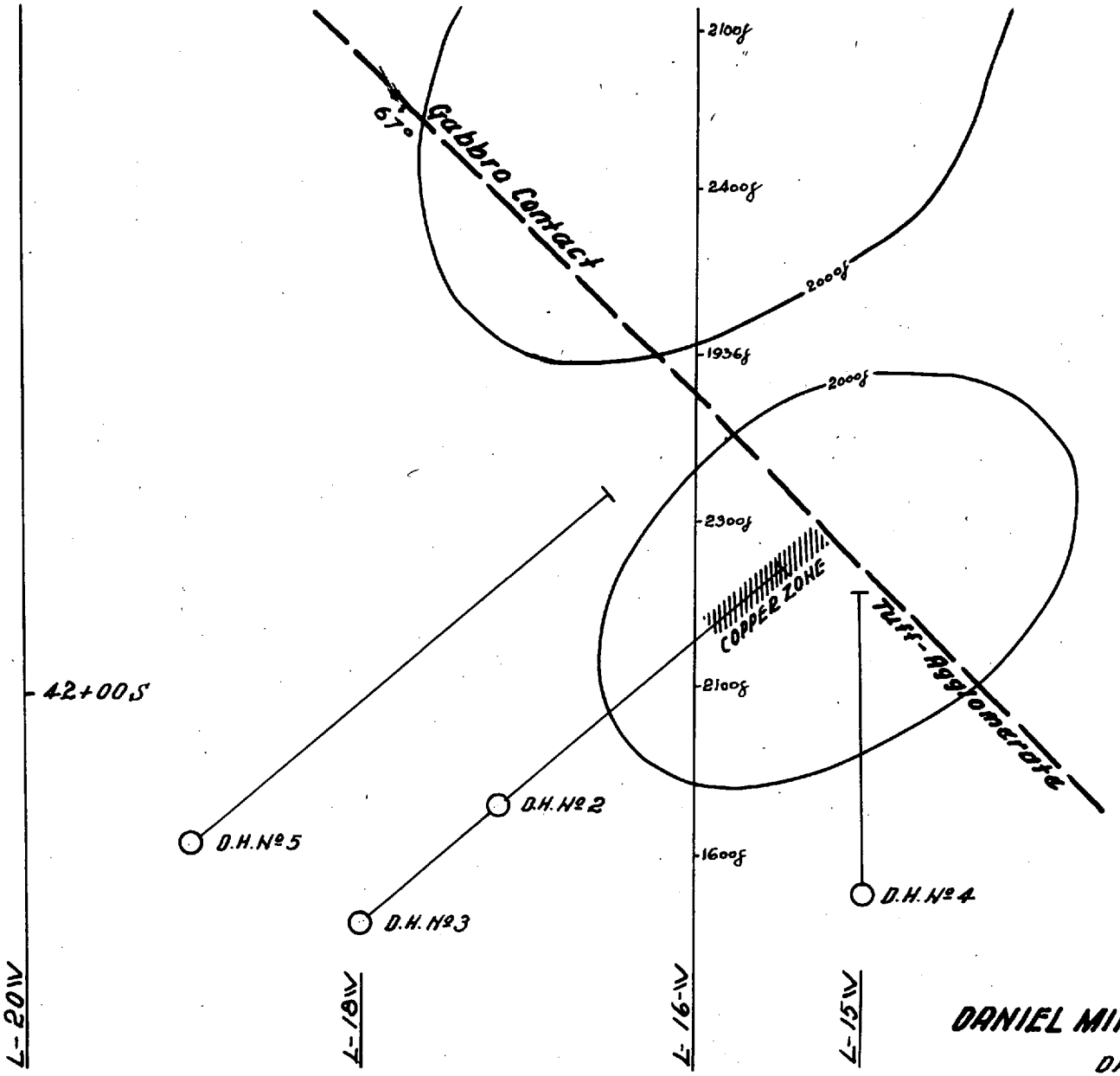
HOLE NO.	ASSAY NO.	FROM	TO	WIDTH	Au	Cu	.Ag	ZN .xxxx	WCu	W	W	TOTAL WIDTH	AVE. VAu	AVE. VCu	ave. V	AVE. V
21	2002	237.7	241.7	4.0	0.015	0.16	0.10	1.24								
	2003	241.7	246.7	5.0	0.005	0.08	0.03	nil								
	2004	351.5	355.5	4.0	0.010	0.16	0.10									
	2005	374.0	378.0	4.0	0.015	0.16	0.12									
	2006	378.0	382.0	4.0	0.010	0.10	0.07									



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DANIEL MINING COMPANY LIMITED

DANIEL TOWNSHIP
QUEBEC

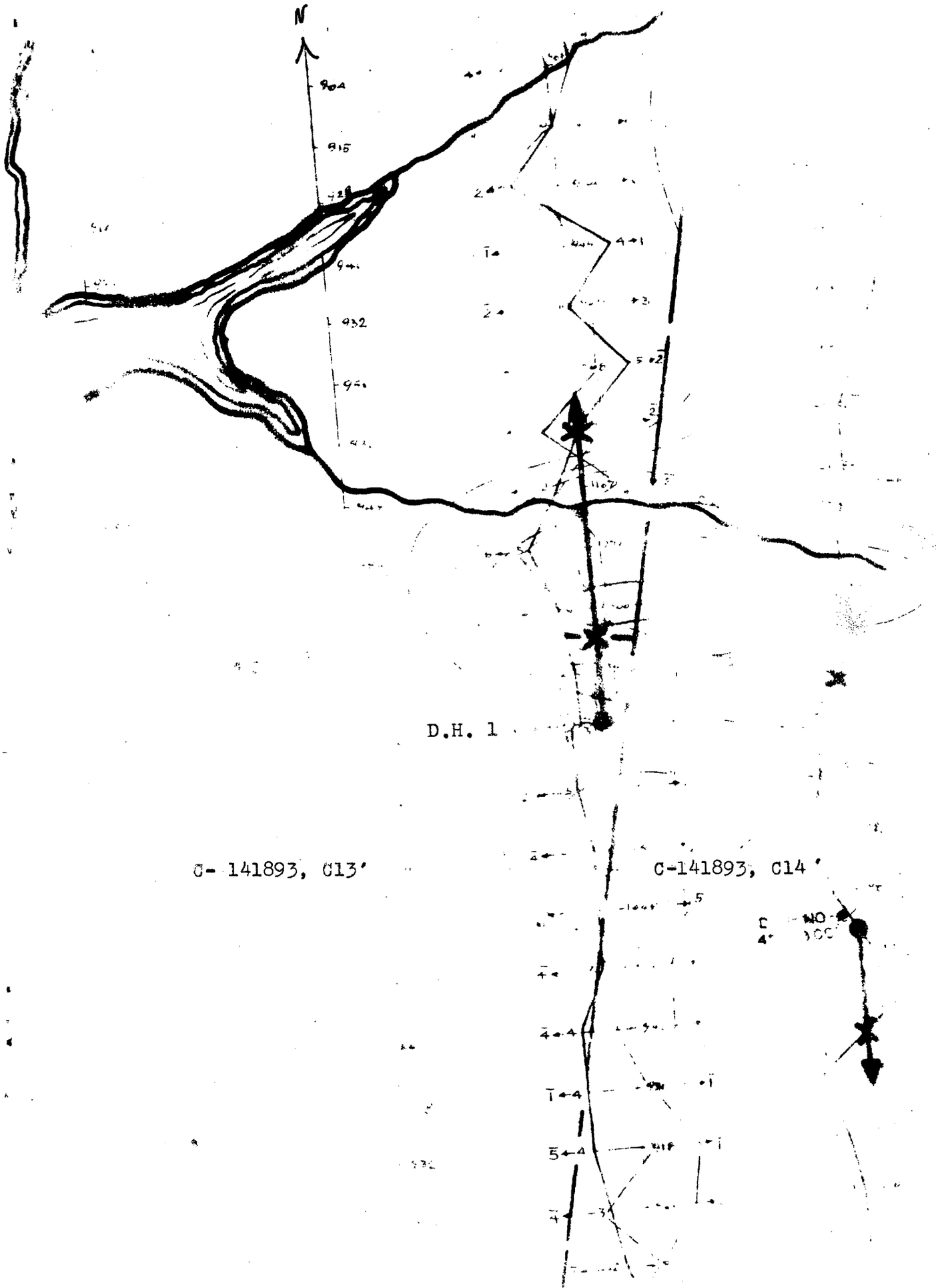
DRILL PLAN

SCALE: 1" = 100'

JUNE 1959

R.W.S. – R. Bruce Graham & Associates Ltd.

#2 - 141893-4
#3 - 141893-5



claim post

~~p.2 141893-3.~~
3 141893-4 .

scale 1" to 200 feet. Daniel Mining Co