

000595

EXPLORATION PROGRAM
ON
SUMMIT LAKE, PRINCE, and SCOTTY CLAIMS
OF
SCOTTIE GOLD MINES LTD.
SKEENA MINING DIVISION

NST AREA 104/B1
56°30' NORTH LATITUDE
130°50' WEST LONGITUDE

R. A. Fyles

February 12, 1980

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CROWN GRANT CLAIM MAP
STEWART AREA

SCALE 0 1500 3000 4500 FEET

NTS 104-B-1

LACIER

SCOTTY
680(7)

L 6298 SUMMIT LAKE No. 3

L 6409 PRINCE No 4 C.G.	L 6407 PRINCE No 1 C.G.	L 6300 SUMMIT LAKE No. 5 C.G.	L 6296 SUMMIT LAKE No. 1 C.G.
L 6410 PRINCE No. 5 C.G.	L 6408 PRINCE No 2 C.G.	L 6301 SUMMIT LAKE No. 6 C.G.	L 6297 SUMMIT LAKE No. 2 C.G.
L 6411 PRINCE No. 6 C.G.	L 6412 PRINCE FR C.G.	L 6299 SUMMIT LAKE No. 4 C.G.	
L 6270 GOLD No. 11	L 6403 SUMMIT LK FR No. 7	L 6406 SUMMIT LAKE No. 8 C.G.	

Granduc Mill and camp

To airstrip and trailer camp

Betty Cr.

SUMMIT MTN.

SUMMIT LAKE

AUGUST MTN. GLACIER

AUGUST MTN.

L 4502 ST EUGENE No. 3 C.G.	L 4503 GRAY COPPER C.G.	SUN-RISE No. 2
ST EUGENE EXTEN- SION	GOOD LUCK No. 3	GRAY COPPER FR. No. 1
L 1834	GOOD LUCK	L 1840 SUNRISE

GOOD BEACH

WELCOME

L. X.

TROY

REWARD



LOCATION:

The property is located 30 miles north of the town of Stewart, B. C. on the east slope of Morris Summit and West of Summit Lake.

ACCESS:

Access to the property is over 29 miles of good gravel road from Stewart, B. C. to Granduc's Tide Lake Camp. From there an unfinished road winds south from the Tide Lake Camp for 1½ miles along the west side of Summit Lake to the main portal.

HISTORY:

The property has been inspected, explored, developed and reported on by many companies since its initial discovery

The main surface showings were staked prior to 1930 by Ted Morris and Associates of Stewart, B. C. under the group name "Salmon Gold". It was originally optioned to Premier Gold Mining Company in 1931. Surface trenching disclosed ore-grade mineralization at two points with indicated strike lengths of 85 to 350 feet.

Ten diamond drill holes were drilled and six of these indicated a downward extension of the veins.

In 1934 the property of the newly incorporated Salmon Gold Mines Ltd. was optioned to Consolidated Mining and Smelting Company of Canada Ltd. Several surface diamond drill holes were drilled that year with encouraging results. Between 1935 and 1938 CM&S developed the property by a hand-steeled adit located at the 3600 foot elevation. During that period some 1650 feet of crosscutting and drifting were done, disclosing a 210 foot strike length of ore grading 0.357 oz. Au/ton over a width of 2.4 feet. Three thousand feet of underground diamond

HISTORY CONT'D

drilling disclosed several other zones of interest. A surface showing, plus the diamond drilling, suggested that one zone had a potential vertical height of at least 700 feet. Drifting to intersect the upward projection of this zone at the 3600 foot level was not followed up. In July, 1939, CM&S relinquished its option due to disappointing results at its Big Missouri Mine and to the impending war.

In 1945 a new company was formed under the name of Morris Summit Gold Mines Ltd. Between 1946 and 1948 some 4000 feet of lateral work and raise development were done from a new portal located at the 3000 foot elevation. In addition some 17,000 feet of diamond drilling was done. A spur crosscut directed toward an old CM&S diamond drill intersection disclosed the McLeod East Zone, which was subsequently developed on that level. Three other ore shoots were also found but the company was unable to obtain financial backing to further develop the property. A joint venture between Newmont Mining Company and Granby Mining & Smelting Company gained control of the company in 1952. These companies re-sampled the workings and diamond drill holes, substantiating the results of Morris Summit Gold Mines Ltd. Surface prospecting the geophysics done in 1956 disclosed the presence of several more gold-bearing veins, but no follow-up work was done on any of these. The property essentially remained idle until 1978 when the interests of Newmont and Granby were sold to D.A. McLeod and Associates, of Vancouver. During the autumn of 1978 a rough road was punched through to the 3000 level edit. It is estimated that 1000 feet of road is still to be constructed. In October, 1978 Mr. P.W. Green, M.Sc.A, F.G.A.C., a geologist from Stewart, had an 800 lb. bulk ore sample taken from the McLeod East zone and

HISTORY CONT'D.

the raises were re-mapped and sampled. The bulk sample was sent to Lake field Laboratories for metallurgical testing. Mr. W. Burton, P.Eng., a Vancouver Metallurgical consultant, directed tests which were concluded by January 31, 1979.

In January 1979 the McLeod interests began the formation of Scottie Gold Mines Ltd., to operate the mine.

SUMMARY OF WORK DONE

Work carried out during the year was:

- 920 M of diamond drilling in 22 holes.
- Geological mapping at Scale 1:240.
- 3.2 km of road building.
- Surveying for all of the above.

DRILLING REPORT

Underground diamond drilling was carried out on three levels of the mine. These were the 3000, the 3100 and the 3600 levels. Cores were logged and sections of interest were assayed. Cores are currently stored at various locations in the mine.

MAPS

Drill maps and geological maps are located at the mine office in the property. Unfortunately at the time of writing this report these were inaccessible due to snow conditions at the mine. Copies of these maps will be forwarded at a latter date when copies can be obtained.

SCOTTIE GOLD MINES LTD. EXPLORATION PROGRAM - 1979

DIAMOND DRILL HOLES - SUMMARY

Hole No.	Latitude	Depar - ture	Elev.	Bearing	Dip	Ultimate Depth	Date Completed	Size
A-1	2979	7046	3000	185°	Flat	51'	OCT 11/79	EX
A-2	2979	7046	3000	143°	+3°	50'	Oct 13/79	EX
A-3	2979	7044	3000	213°	Flat	48'	Oct 14/79	EX
A-4	2979	7045	3000	178°	+25°	60'	Oct 16/79	EX
A-6	2710	7143	3000	210°	Flat	75'	Oct 26/79	EX
A-7	2717	7147	3000	30°	Flat	75'	Oct 28/79	EX
A-9	2711	7175	3000	27°	Flat	55'	Oct 29/79	EX
B-1	2716	7080	3100	30°	Flat	75'	Oct 23/79	EX
B-2	2709	7075	3100	210°	Flat	75'	Oct 23/79	EX
B-3	3226	6741	3100	196°	Flat	57'	Nov 11/79	EX
B-4	3236	6735	3100	340°	Flat	60'	Nov 13/79	EX
B-5	2713	7082	3100	80°	Flat	32'	Oct 24/79	EX
365	3166	6762	3000	230°	Flat	18'	Nov 17/79	EX
393	3236	6767	3100	183°	Flat	33'	Nov 15/79	EX
394	3236	6768	3100	43°	Flat	54'	Nov 14/79	EX
395	3228	6765	3100	162°	Flat	30'	Nov 15/79	EX
396	3174	6747	3100	233	-2½°	40'	Nov 16/79	EX
397	3181	6756	3100	43	Flat	54'	Nov 16/79	EX
79-1			3600			630'	Sept 29/79	
79-2			3600			405'	Oct 3/79	
79-3			3600			540'	Oct 10/79	
79-4			3600			501'	Oct 20/79	

TOTAL FOOTAGE: 3018' (920 M) in 22 Holes

SCOTTIE GOLD MINES LTD.
EXPLORATION PROGRAM - 1979

COST STATEMENT

Prospecting	\$ 187.82
Diamond Drilling	54,395.09
Assaying	21,015.14
Surveying, Geology, Engineering	<u>35,349.29</u>
TOTAL	\$110,947.34

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. A-1

SHEET NUMBER 1 of 2 SECTION FROM _____ TO _____ STARTED Dec 11/79
 LATITUDE 2977 DATUM _____ COMPLETED Dec 11/79
 DEPARTURE 7046 BEARING 18.5° ULTIMATE DEPTH 51
 ELEVATION 3000 McLead East Drift. DIP FLAT. PROPOSED DEPTH Bazooka EX

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0.1					
0.9	Granular Pyrite stringers with chlorite silicification and Zn S.	707	0.8		
4.5	Green Gray Fragmented Volcanics.				
5.1	Pyrite stringer 0.3'	708	0.6		
6.0	Brecciation.				
25.7	Green Gray As Above.				
26.0	Pyrite-silicification + Qtz.	709	0.3		
32.7	Green Gray As Above.				
34.5	Slight silicification slight alteration. Stringers Qtz. Patches to stringers Pyrite	710	1.8	.124	
34.5 - 36.0	Granular pyrite in silicification (plus minor mineral)	711	1.5	2.464	
	34.7-34.9 Chloritic volcanics				
	35.5-35.8 Highly silicified + Qtz Then minor Zn S.				
36 - 45.4	Green Gray As Above 40 Sheared Qtz-Carb.				
45.4 - 46.3	Stringers granular pyrite to 45.7 Then specks py in volcanics.	712	0.9	2.002	
46.3 - 47.4	Massive py-pz. + Qtz. Chloritized silicified volcanics with pyrite	713	1.1	7.886	

Look
at
conditions
ways

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. A-2

SHEET NUMBER 1 of 2 SECTION FROM _____ TO _____ STARTED Dec 11/79

LATITUDE 2979 DATUM 3000 COMPLETED Dec 13/79

DEPARTURE 7000 BEARING 113° ULTIMATE DEPTH 50

ELEVATION M^cLeod 5 Dr DIP +3° PROPOSED DEPTH Bazaoka EX.

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0.0					
0.6	Gray Green chloritic.				
1.2	Py-Po-Silica-ZnS structure. 45° and ?	759	0.6		
9.9	Gray (Green) Bits and Pieces of Qtz-Carb and Py. 1.6 Chlorite (Qtz) Feudt				
10.1	Alteration. Patches Qtz and Py.	760	1.2		
12.6	Pyrite ZnS Silica structure. Patches alteration 20° to core. 12.0-12.6	761	2.5		
13.3	Alteration. A few patches pyrite and Qtz Carb	762	0.7		
13.6	Py-Qtz stringer Contacts irregular 30° to core.	763	0.3		
23.0	Gray Green. Bits and pieces of Qtz-Carb and Py				
29.9	Alteration, in general. Fragmental.				
24.0	Py-Qtz-Chlorite stringer 20°				
24.5	Py 75° to core.				
27.5	Qtz (Py) shear? 20° to core.				
30.3	Qtz & Py-Qtz & streaky Py-Qtz stringer 76° to core.	764	0.4	1.742	
32.9	Fragmental gray green alteration Bits & Pieces Py and Carb-Qtz.	765	2.6	.064	
34.0	Lost Core.	—	—		
34.3	Qtz-Carb-Py Vein	766	0.3		

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. A-3

SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED Oct 13/79
 LATITUDE 2979 DATUM 3000' COMPLETED Oct 14/79
 DEPARTURE 7044 BEARING 21.3° ULTIMATE DEPTH 48.
 ELEVATION McLEOD C. DR. DIP FLAT PROPOSED DEPTH Bazooka EX

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD g	SLUDGE GOLD g
0.0					
0.4	Gray Green Fragmental				
1.3	0.4-0.8 Patchy Streaky Py in Volcanics. -1.3 Py-ZnS-Qtz structure 35° to core.	772	0.9		
24.6	Gray Green Fragmental. Scattered bits and pieces of Pyrite Scattered bits and pieces of Qtz-Carb. Scattered Alteration. Scattered Qtz. 8.6 Py-Carb irregular 30° 9.1 Qtz 55° to core. 13.0 Qtz-Py 60° to core. 17. Disseminated Py. 23. Qtz-Py 40° to core.				
26.3	Many Qtz stringers Trace Py. 60° irregular.	773	1.7		
38.0	Gray Green Fragmental As Above. 29-30 Lost Core. 32. Granular Py and green Qtz 70° 33.5-38 General Alteration				
48.0	Green Hornblende bits to specks pyrite. 39-40 & 41.5-45 Lost Core.				
48.	E.O.H.				

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. A-4

SHEET NUMBER 1. SECTION FROM _____ TO _____ STARTED Dec 15/79

LATITUDE 2979 DATUM _____ COMPLETED Dec 16/79

DEPARTURE 7045 BEARING 178 ULTIMATE DEPTH 60.

ELEVATION 1st vert. above A-1 DIP +25° PROPOSED DEPTH Rezodka EX.

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0.0					
17.7	Gray Green Slight General Alteration 0.2 Granular Py stringer in pink alteration Scattered Alteration. Scattered bits and pieces Qtz - Carb and Py. 11.0 Qtz-Py stringers.				
19.6	Slight general silicifications. Qtz stringers 60° to core. 18.6 - 18.8 Qtz and fine Py stringers. 19.1 - 19.4 Py, patchy. Minor Zn S. Trace Chlorite.	774	1.9		
28.0	Gray Green As Above.				
28.9	Qtz stringers produce structure? to 28.6 (Minor Py) Then Patchy Qtz in Chlorite	775	0.9		
60.0	Gray Fragmental As Above. 40-47 Green Qtz & Green Qtz-Py & Chlorite-Py threads and stringers Bits and Pieces Carb-Qtz & Py Lost Core. 49-50, 54-55, 58-60				
60.0	End of Hole for now To be deepened.				

DIAMOND DRILL RECORD

PROPERTY SLOTTIE GOLD HOLE NO. A-6

SHEET NUMBER 1 of SECTION FROM _____ TO _____ STARTED Oct 25/79
 LATITUDE 2710 DATUM _____ COMPLETED Oct 26/79
 DEPARTURE 7143 BEARING 210 ULTIMATE DEPTH 75'
 ELEVATION B. Zone. Dir. DIP FLAT PROPOSED DEPTH Bazooka EX

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0.0					
6.3	Gray Scattered Qtz and Py 2.5 Fault 70° 3.0 Qtz.				
6.8	Qtz stringer 45° to core. "Chlorite"? patches Minor ZnS.	725	0.5		
9.4	Gray As Abame 7.4 Qtz-ZnS-Py stringer 55°	7			
11.0	Highly Quartzose Patchy Py Occasional ^{small} patch ZnS. Irregular contacts 50° internal shearing < 35° to core.	753	2.6		
21.5	Gray As Abame Plus trace py. 19.6-19.9 Qtz stringer 45° to core.				
22.2	Qtz-Py Vein 30° to core. A few specks Py.	754	0.7		
24.4	Gray As Abame. plus py.	—	—		
25.0	Streaky Py. (P)	755	0.6		
28.5	Gray As Abame plus Py. 27.0 Qtz.	—	—		
29.1	Py-ZnS-silicification structure	756	0.6		
33.5	Alteration with patches Py & Qtz. 32.6-33.0 Qtz stringer.	757	4.4		

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. A-6

SHEET NUMBER 2 of SECTION FROM _____ TO _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD †	SLUDGE GOLD †
33.5					
37.6	Gray plus Alteration	—	—		
43.5	Green Streaky Py. 45°-30° to core.	758	5.9		
	37.6-37.8 Qtz-Carb Bx. stringer 70°				
46.0	(Green) Scattered streaks Py. and Gray Green scattered specks streaks Py-Pb.				
	46.5 Qtz-Carb-(Py) 60° to core.				
	52.5 Alteration feature 20° to core.				
	55. Cherty Shale 65° to core.				
	61. Py. granular 45° to core.				
67.2	Disseminated Fine Py. Minor granular	733	1.2		
	66.1-66.2 Qtz (Chlorite) Py (ZnS) 65°				
	66.5-66.7 Qtz Chlorite Py ZnS 65°				
	67.2 Carb. Fault 25° to core				
75.0	(Green) Gray Green Fragmental As. Abund.				
	69.5 Py 45° to core.				
75.0	E. O. H.				

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. A-7

SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED Oct 26/79
 LATITUDE 2717 DATUM _____ COMPLETED Oct 28/79
 DEPARTURE 7147 BEARING 030 ULTIMATE DEPTH 75.
 ELEVATION 3000 B ZONE DRIFT DIP FLHT PROPOSED DEPTH Bozacka EX.

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD g	SLUDGE GOLD g
0.0					
19.0	Gray Green. Fragmental Py. as disseminations and patchy disseminations 60° to core. 18-19.1 Lost Core.				
19.5	Disseminated Py	734	0.5		
20.2	Qtz-Carb Py to Vein 20.2 Cherty Carb Fault. 45° to core.	735	0.7		
26.0	Gray Green Fragmental Pyritic As Above. 24.0 Disseminated Py, concentrations,				
26.3	Py Plus Cherty Qtz stry. 26.0 45° to core. 26.3 35° to core.	736	0.3		
30.5	Gray Green As Above. Occasional Alteration fragment. 34.5 Py stringer 70° to core 42.5 Py in alteration 25° to core. 43.5 Carb Brecciated zone.				
51.5	Lamp. Dyke. Chill border @ 51.5 @ 40° to core.				
75.0	Gray Green As Above. Occ Qtz stry from 6.5' 65. Pyrite disseminated stringer 45° to core. 74.5 Possible Dyke.				
75	E.O.H.				

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. A-9

SHEET NUMBER 1 of 2. SECTION FROM _____ TO _____ STARTED Oct 28/79
 LATITUDE 2711 DATUM _____ COMPLETED Oct 29/79
 DEPARTURE 7175 BEARING 077' ULTIMATE DEPTH 5510
 ELEVATION B Zone Drift. DIP Flat. PROPOSED DEPTH Bergoka EX.

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0.0					
23.5	Gray (Green) Scattered Qz - Carb & Alteration & Py. Shear @ 0.0'				
	9.0 Shear? 65° to core				
	11.5 Green Qz - Py stringer (ZnS) 50°				
	15.0 Carb 35° to core.				
24.2	Granular Py in Chloritic Alteration 70°	779	0.7		
25.5	A few streaky patches Py	780	1.3		
28.1	Massive granular Py silicified structure.	781	2.6		
29.2	A few streaks Py in altered volcanics.	782	1.1		
	29.7-29.9 Stringer granular Py				
34.3	Gray (Green) Alteration As Above.				
	31.5 Py - Qz - ZnS. irregular contacts.				
	32.5 Py - Qz - ZnS 80°				
34.9	Qz - Green Qz Patchy Py Vein	783	0.6		
39.3	"Veins" Qz plus patchy py	784	4.4		
	34.9-35.3 Alteration				
	37.7-38.0 Alteration				
40.4	39.3-39.6 Highly silicified Gray. Fin Py.	785	1.1		
	-40.4 Moderately streaky py in volcanics.				
55.0	Gray (Green) As Above. Streaks py (po)				

DIAMOND DRILL RECORD

 PROPERTY SCOTTIE GOLD

 HOLE NO. B-1

 SHEET NUMBER 1 of 2

SECTION FROM _____ TO _____

 STARTED Oct 20 -79

 LATITUDE 2716

DATUM _____

 COMPLETED Oct 23/79

 DEPARTURE 7080

 BEARING 030

 ULTIMATE DEPTH 75'

 ELEVATION 3100 H. Barb level

 DIP FLAT

 PROPOSED DEPTH Bazooka. EX

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0.0					
8.4	Light gray Minor py. Trace carb. qtz. 1.0' streaks py. 4.5-5.0 Lost Core. 6' Chlorite Fault 30° to core.				
9.0	Coarse granular pyrite. Qtz-Carb. Patches ZnS. 35° to core.	702	0.6		
10.0	Lost Core	—	—		
12.8	Gray Green. Altered Slightly Pink. 11.0 Chlorite Fault 35° to core.	—	—		
16.3	Sheared ^{zone} Gray Volcanic Disseminated Py-Po. 15.0-16.0 Cross over healed gouge.	703	3.5		
30.3	Gray Green. Indications of hercynite induration 19.5 Chlorite Fault with minor py, 45° to core.				
31.5	Quartz, Green Qz, Carb, Py-Po. Stringers. 45°	706	1.2		
36.6	Green Gray Fragmental. Pyritic Slightly hercynite induration.				
37.0	Highly pyritic "stringers" of threads and disseminated pyrite. 45°-50° to core.	1899	0.4		
75.0	Grades relatively quickly to greenish fragmental with pyrite to about 4.3'				

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. B-2

SHEET NUMBER 1 of 2 SECTION FROM _____ TO _____ STARTED Oct 23/79
 LATITUDE 2704 DATUM _____ COMPLETED Oct 23/79
 DEPARTURE 7025 BEARING 210 ULTIMATE DEPTH 75.
 ELEVATION 3100 DIP FLAT PROPOSED DEPTH Bazooka EX

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0.0					
0.5	Possible fault zone Minor Py.	1894	0.5		
8.0	Green Fragmental Volcanic. Bits pieces Py, Po & Carb. 45° to core.				
	2.3 Chlorite Qtz Fault 45° to core				
	3.5 " " " 60° to core.				
9.4	"Massive" Granular Py-Po-Qtz 60° to core.	1895	1.4		
	9.15-9.3 Patches Py-Po in Volcanic.				
	9.4 40° with Quartz.				
18.2	Gray Fine Fragmental. Slight general alteration. Slightly carbonate-quartz. Very fine disseminated to patches sulphides.				
	@ 13.5 Py thread 55° to core.				
	Py-Carb 30° to core.				
18.6	Chlorite shear with granular py stringers	1896	0.4		
35.	Gray to Abund.				
	28 Quartz (and Py) 80° & 10° to core				
53.5	Green Gray Fragmental.				
	Ubiquitous pyrite				
	48-49 0° chlorite Quartz gash.				
	Fault?				

DIAMOND HILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. (B-3) 391

SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED NO 5/79
 LATITUDE 3226 DATUM McLeod W. Sub Dr. W. COMPLETED NO 11/79
 DEPARTURE 6741 BEARING 196° ULTIMATE DEPTH 57
 ELEVATION _____ DIP FLAT. PROPOSED DEPTH Packsack EX.

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD g	SLUDGE GOLD g
0.0					
2.6	Green Patches Py 5%	813	2.6		
6.0	Pink Alteration. Disseminated Py. Scattered patches Carb-Qtz.	814	3.4		
6.7	Pink Alteration, 20% Disseminated Py	815	0.7		
8.2	Pink As #814	816	1.5		
30.0	Green with occasional pink alteration possible faults. Scattered pyrite. 28.5 Alteration + Py.				
31.0	Lump Dyke.				
49.7	Gray Green Hornblendized L.C. 34-35. Alteration effects to 31-39.5'				
	40.0 Patch Massive Py. 45.0 Carb Fine Py (Arsenopyrite?) 80°				
50.1	Patchy streaky Py 20% + Green Qtz 45° & 75°	829	0.4		
57.0	Gray Green As Above. 50.6 similar to #829 52.0 stringer c. 50° 57 Alteration with Py.				
57.0	E.O.H.				

DIAMOND DILL RECORD

 PROPERTY SCOTTIE GOLD

 HOLE NO. (B-4) 392

 SHEET NUMBER 1 of 2

SECTION FROM _____ TO _____

 STARTED Nov 12/79

 LATITUDE 32.36

 DATUM M'Leod West Sub Dr. W.

 COMPLETED Nov 13/79

 DEPARTURE 67.35

 BEARING 340°

 ULTIMATE DEPTH 60

ELEVATION _____

 DIP FL. 7T

 PROPOSED DEPTH Packback Ex.

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0.0					
0.5	Altered Volcanics with Quartz Carbonate & Pyrite				
1.5	Lost Core.				
3.6	Pink Alteration 15% streaky Py. Minor Qtz.	830	2.1		
4.6	Gray Fine Fragmental Breccia	—			
4.9	^{30%} Fine disseminated Py and Arsenopyrite? 70%	831	0.3		
7.5	Gray "Carbonated" Volcanic Breccia. Occasional Chlorite. Occasional Scattered Py.	832	2.6		
11.5	Gray "Carbonated" Volcanic Breccia 5-10% patchy Py.	834	4.0		
22.0	Gray Fine Fragmental Minor disseminated Py.				
22.7	Quartz 60% Py 25% + chlor. 35% to core.	835	0.7		
28.0	Green Volcanic Slightly hercynitized.				
34.	Fragmental. altered. 35-40% Py				
	29.5 Py Qtz 70% to core.				
	33.5 Carb "Bx" 35% to core.				
	Then patches Py.				
40.8	Fine Fragmental Average 5-10% disseminated Py with higher concentrations	843	6.8		
	37.6-40.0.				

DIAMOND DRILL RECORD

PROPERTY _____

HOLE NO. B-4

392

SHEET NUMBER 2 of 2

SECTION FROM _____ TO _____

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH 60

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD g	SLUDGE GOLD g
40.8 (cont)	38.5 Qtz-py stringer 60°				
	34.0 Fault? 30° carb qtz.				
45.0	Gray Green. Fragmental. Scattered patches py, 45.0 Carb 15° to core.	—			
47.6	to 45.3 40% strhy py @ 55° to core.	844	2.6		
	to 46.0 25% py (disseminated) in very fine gray fragmental (carbonated?)				
	to 46.3 20% patchy py in chlorite 25°				
	to 47.6 15% disseminated py in fine fragmental.				
55.4	10% disseminated py in slightly carbonated very fine fragmental.	845	7.8		
60.0	Ditto. Qtz stringers 55.4-55.9	846	4.6		
	56.5-56.7 } all				
	57.5-57.6 } 50°				
	at 58.8-59.1 Pink Alteration				
60.	E.O.H.				

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. B-5

SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED Dec 24/79

LATITUDE 37° 5' DATUM _____ COMPLETED Dec 24/79

DEPARTURE 70.33 BEARING 50° ULTIMATE DEPTH 32.

ELEVATION 3100 DIP FLAT. PROPOSED DEPTH Base of Ex

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
0.0					
3.0	Gray Green Pink. Fragmental 2.0-2.5 light hornblended fragment.				
5.5	Disseminated very fine sulphides.	1900	2.5		
9.7	Gray Green Pink. As above	—	—		
10.2	Fault of chlorite-qtz @ 9.7 at 35° to core. plus Patches pyrite in adjacent volcanic	720	0.5		
14.4	Narrow chlorite-Qtz faults along core. Minor py.	721	4.2		
15.0	Much Qtz & chlorite } Minor Py. Possible Zn S. may be just a blow out of adjacent faults	722	0.6		
16.3	Scattered specks streaks patches Pyrite	723	1.3		
17.7	Patches Qtz - Py (granular?) 17.7 Fault Chlorite; 25° to core.				
32.0	Gray Green (pink) As above. 23. Qtz - Py Then greener and more "massive"				
32.0	E. O. H.				

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. 393

SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED Nov 1
 LATITUDE 32 36 DATUM M^cLeod W. Sub Dr E. COMPLETED Nov 15
 DEPARTURE 67 67 BEARING 183° ULTIMATE DEPTH 33'
 ELEVATION _____ DIP FLAT PROPOSED DEPTH Reckless EX

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
0.0					
3.9	Gray Green Fragmental "Carbonatized" Scattered Py Scattered Alteration.	849	3.9		
6.6	Alteration 15% streaky patchy Py 60°-70° Slightly silicified Moderately Carbonatized. 6.6 15° to core.	850	2.5		
16.4	Gray Green. Scattered Alteration - Py Sections — 11.9 Sheared silicified Qtz Carb - Py 70° 15.0 Qtz - Carb - Py 65° 70° 65° 15.7 Alteration - Py Patch (Fragment?)				
16.8	Qtz. Shear, Alteration Py. 40° to 60° to core.	851	0.4		
20.3	Gray Green As Above 17-19. Lost Core.	—			
21.0	Sheared Qtz - Alteration 15% Py 60° to —	852	0.7		
27.5	Gray Green As Above. 24. Sheared Qtz, Py 40° to core				
28.8	Black Lamp. — to 60° to core. Gray Green Occasional Pink				
33.0	Gray Green Pink As Above. Patch Py @ 28.9				
33.	E.O.H.				

DIAMOND DILL RECORD

(B-7)

PROPERTY SCOTTIE GOLD HOLE NO. 394

SHEET NUMBER 1 of 2 SECTION FROM _____ TO _____ STARTED Nov 13/79
 LATITUDE 3236 DATUM McLeod West. Sub. D.R. E COMPLETED Nov 14/79
 DEPARTURE 6768 BEARING 043. ULTIMATE DEPTH 54.
 ELEVATION _____ DIP FLAT PROPOSED DEPTH Packsack EX.

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0.0					
6.2	Gray Fine Fragmental 10% disseminated py "Cherty" fault 4.0' 60° to core. " " 5.0 "	837	6.2		
8.9	Gray (Green)	—			
11.2	20% disseminated and patchy py in Gray Volcanic 40° to core. 5% Qtz-Carb.	838	2.3		
13.1	As #837	839	1.9		
13.7	25% py, disseminated and patchy. 10% Qtz-Carb. Appearance of being a structure ???	840	0.6		
19.4	Gray (Green) Fine Fragmental.				
21.1	15% streaky py in sheared Qtz-Carb. as a core 19.7-20.4 Rest is 5% disseminated py in volcanics & scattered patches.	841	1.7		
29.3	Gray Green Volcanic Fine Fragmental. "Alternating" fragments. Scattered patches py.				
31.1	15% streaky patchy py. 20% Qtz-Carb. Alteration, 45°-60° to core.	842	2.8		
50.5	Gray Green As Above.				

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. 395

SHEET NUMBER 1 of 2 SECTION FROM _____ TO _____ STARTED Nov 15/79
 LATITUDE 3228 DATUM M^cLeod W Sub Dk E. COMPLETED Nov 15/79
 DEPARTURE 6765 BEARING 162. ULTIMATE DEPTH .30.
 ELEVATION _____ DIP FLAT PROPOSED DEPTH Packsack EX

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
0.0	Gray				
4.7	Gray Fine Fragmental. "Carbonatized" 5% patchy to disseminated Py 2.5-3.3 Medium Gray 10%+ fine Py as a fragment? 20" to 45" to core. 4.2 Fault? 20" to core.	853	4.7		
8.6	Gray to Gray Green Fragmental. Scattered Py 6.0 Altered, Fault?				
9.6	Green 20% streaky Py 9.1 & 9.6 Qtz stringers possible Faults, 4.0" to core.	854	1.0		
12.4	Green Gray Fragmental Scattered patches and disseminated Py				
13.1	15 to fine Py - fragments in healed gouge? 30"	855	0.7		
16.7	As Above + scattered green Qtz with granular Py & P ₂ . 14.0 Qtz 45" to core.				
17.0	Qtz stringers with 10% streaky Py 40" to core.	856	0.3		
20.4	As Above. Scattered Py.				
21.0	As 856 20.4 - 40" 21.0 25" to core	857	0.7		

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD

HOLE NO. 396

SHEET NUMBER 1 of 1

SECTION FROM _____ TO _____

STARTED Nov 16/74

LATITUDE 317A

DATUM M^cLeod W. Hwy Access
SUB DR.

COMPLETED Nov 16/74

DÉPARTURE 6747

BEARING 233

ULTIMATE DEPTH 40^{ft}

ELEVATION _____

DIP -2½°

PROPOSED DEPTH Packsack EX.

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD g	SLUDGE GOLD g
0.0					
10.0	Grayed and Pink Alteration sections Scattered bits hornblende Scattered Qtz-Carb bits Disseminated grains Py 5.5-7.0 L.C.				
10.3	Qtz string 40% string Py 5%. 60° to core	858	0.3		
11.0	As Above. 35° to core @ 11.0				
32.0	Green Hornblende Qtz-Carb bits 15.5-16.0 L.C. 16.2-17.5 Several Qtz-Carb stringers @ 35° to core. Trace Py @ 17.4 23.0-25.0 L.C. 25-32.0 Alteration effects. 26-27 L.C. 28. Mylonite effects.				
40.0	Dark & Fragmental. Minor bits alteration Shatter effects filled with fine Carb threads Occasional mylonite threads. 37-38 L.C.				
40.	E.C.H.				

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. 397.

SHEET NUMBER 1 of 2

SECTION FROM _____ TO _____

STARTED Nov 16/79

LATITUDE 3181

DATUM M.C.L. W. MWY ACCESS
SUB DR.

COMPLETED Nov 16/79

DEPARTURE 6756

BEARING 043

ULTIMATE DEPTH 54.

ELEVATION ~1' higher than 396.

DIP FLAT +

PROPOSED DEPTH Packrock Et

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0.0					
1.8	Py & Py structure (occasional chlorite) to 1.2 at 45° to core. Then highly streaky Py and Qtz-Carb @ 60° to core.	859	1.8		
5.2	Green Hornblendized. Bits Qtz-Carb 5% Py	860	3.4		
16.0	Gray Green! Scattered Alteration Scattered Py 7.5-7.7 Black Lamp. 45° & 45° to core. 9.5 Qtz-Carb-Py 35° to core. 11.3 Py stringer-thread 50° to core. 14.4 Qtz-Carb-Py 1/4" 45° 15.3 1/8" Py (stringer) thread 40°				
16.9	Moderately Carbonated shear zone. Minor Py 60° to core.	861	0.9		
19.8	Green! Scattered Py 5%. Minor Qtz-Carb	862	2.9		
21.5	Green Hornblendized.	—			
22.4	Core of moderately sheared Qtz-Carb @ 45° with up to 10% streaky Py.	863	0.9		
31.6	Green Hornblendized Scattered Py. 26.2-27.0 Bl Lamp. 27.6 Py @ 45° to core. 1" stringer"				

DIAMOND D.ILL RECORD

PROPERTY SCOTTIE GOLD

HOLE NO. 397

SHEET NUMBER 2 of 2

SECTION FROM _____ TO _____

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH 54.

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$ G.C.	SLUDGE GOLD \$
31.6	(cont)				
	27.8 Py (Cb) stringer through 70°				
33.0	Patchy chloritic Py, disseminated Py & granular Py (Total 15%) Minor Qz-Carb. No angles	864	1.4		
34.5	Green.	—		—	
36.6	Pyrite patchy disseminated and granular as # 864. More Qz-Carb gives tendency to looking like a structure-like? Core angles 40 to 30° to core.	865	2.1		
37.3	Green.				
39.6	Lamp, black.				
54.0	Green. Gray Green. Occasional "Pink"				
	44.0 Carb-Py stringer @ 45°				
	48.9-49.2 Lamp. Black. — @ 35°				
	50.5-50.7 Lamp. Black 30° @ 30°				
54.0	E.O.H.				

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. 79-1

SHEET NUMBER 1 of 12 SECTION FROM _____ TO _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED Sept 29
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 630
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE <i>ft.</i>	GOLD ^{oz.}	SLUDGE GOLD ^{oz.}
0.0					
38.2	Green to Dark grey green. Fine grained. Slightly Hornblended. Fragmental. Scattered sulphides (disseminated to patches to threads) Scattered Quartz carbonate sulphide threads stringers shears @ 15°-35° to core from 33.5, 65°-85° to core.				
39.2	Alteration effects. Streaks pyrite. 38° to core.	1920	1.0	.020	
40.2	Quartz silicification pyrite (pyrrhotite) 60° to core	1921	1.0	.006	
47.6	Light buff alteration. Scattered specks, streaks patches pyrite. Stringers of quartz 25°-55° to core. Scattered mylonitic effects.	1922	7.4	.014	
52.3	Light gray green. Scattered specks pyrite and quartz carbonate. Slightly hornblended. 50.5 Green quartz pyrite stringer 45° to core.	—	—		
54.5	Alteration. Quartz Carbonate. Pyritic. Chloritic near dyke.	1923	2.2	.022	
55.2	Dyke. Lamp.	—	—		
55.7	Carbonate - pyrite - chlorite - fragmental stringer. Possible Fault.	1924	0.5	.056	
57.0	Dyke Lamp.				

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. 79-1

SHEET NUMBER 2 of 12 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 630.

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE (feet)	GOLD ^{oz.}	SLUDGE GOLD \$
57.					
105.0	Grey Green Fine grained. Hornblende lamination destroyed near dyke, but very noticeable in slightly altered zones. Slightly Quartz Carbonate. ^{35°} Scattered specks pyrite 67.5-69.0 Quartz Carbonate Pyrite 10° Then "massive" looking, showing distinct fragments. Very little quartz carbonate. Occasional pyrite on fractures. Shallow angle to core.				
	92.0-93.0 Cherty Quartz (pyrite) Fault 10° to core.				
107.0	Typical light colour Medium grained. Scattered phenocrysts. Both contacts. 22° to core.				
128.6	Green. Fine grained Hornblende lized. Scattered evidence of fragmental nature. Minor fine cherty quartz and carbonates.				
129.2	Siliceous very fine breccia structure. Pyritic. Light green eyes same as dyke phenocrysts.	1925	0.6	.002	
161.6	Green Fragmental As Above. Quartz carbonate threads stringers 40°-60° to core.				
	133.2-133.6 Dyke 25° to core.				
	136. Dyke?				
	142.1-143.0 Dyke.				

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DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. 79-1

SHEET NUMBER 3 of 12 SECTION FROM _____ TO _____ STARTED _____
 LATITUDE 3 DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 630
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE <small>(-2.5 F)</small>	GOLD ^{oz} §	SLUDGE GOLD §
(161.6 cont)	Then, much evidence of fragmental nature.				
162.5	Quartz carbonate pyrite shear silicified? 161.6 - 62° . 162.5 20° to core.	1926	0.9	.002	
184.3	Green Fragmental As Above. 165 a few rusty fractures. Cause of lost water. 176.7-178.5 Quartz pyrite carbonate crossover.				
184.6	.15 Creamy Carbonate pyrite Quartz pyrite like stringer in Pyritic threads in volcanic. 45° to core.	1927	0.3	.002	
222.0	Green Fragmental As Above. 197.8 Pyrite thread 48° to core. 202.0-202.4 Silicified structure, irregular 70° 215.5-217.0 Quartz pyrite, chlorite crossover.				
222.6	Carbonate Pyrite Quartz chlorite shear 25° to core	1928	0.6	.002	
243.3	Green Fragmental As Above.				
244.4	Cherty Quartz structure. Many pyrite fractures. 55° to core. Pyrite in vol. to 243.6	1929	0.9	.002	
267.0	Green Fragmental As Above. 247.0 Pyrite thread 25° to core. 251.0 Quartz pyrite 25° to core.				

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. 79-1

SHEET NUMBER 4 of 12 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 630.

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE <small>feet</small>	GOLD ^{oz.}	SLUDGE GOLD \$
267.0 (cont)	251.6 Qtz pyrite 25° to core. Slight general alteration 242.8-251.6				
267.3	Pyrite Quartz (Carbonate) Chlorite stringer 35°	1930	0.3	.006	
275.2	Green Fragmental As above but with slight general light gray alteration. Scattered specks pyrite.				
	268.4 Black Fault 25° to core.				
276.6	Disseminated pyrite	1931	1.4	.006	
277.4	Pyrite - pyrrhotite - quartz crossover (rod)	1932	0.8	.060	
282.0	Green Fragmental As above. Alteration 278.1-279.1 Quartz dolomite crossover 281.0-281.3 Patches of pyrite.				
284.9	Milky dolomitic quartz. Scattered threads pyrite- pyrrhotite toward each contact. 25° to core.	1911	2.9	.002	
286.8	Light Gray green. Streaks carbonates and sulphides.	—	—		
287.8	Highly quartzose and carbonate Minor sulphides.	1912	1.0	.018	
288.8	Fine grained pyrrhotite and pyrite in silicified chlorite structure 15° to core.	1913	1.0	.108	
290.0	Massive Pyrrhotite - pyrite - chlorite - quartz structure. 40°? to core.	1914	1.2	.292	
291.4	Highly Quartzose ^{structure} with many patches pyrrhotite - pyrite	1915	1.4	.384	

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. 79-1

SHEET NUMBER 5 of 12 SECTION FROM _____ TO _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 630.
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE <i>feet</i>	GOLD ^{oz} #	SLUDGE GOLD #
291.4					
293.7	Granular Pyrite structure. Chlorite	1916	2.3	.092	
	292.2 - 292.8 Much less py				
294.6	Patches pyrrhotite - pyrite in volcanic.	1917	0.9	2.160	
296.6	Pyrrhotite quartz structure 20°-35° to core ZnS. (Minor Cpy in Quartz).	1918	2.0	1.176	
299.1	Scattered patchy pyrrhotite - pyrite in volcanic 60° to core. 298.0-298.2 sulphide stringer.	1919	2.5	.146	
302.5	Disseminated and patchy pyrite and pyrrhotite.	1933	3.4	.008	
310.2	Altered greyish Fine grained. Fragmental. Scattered green patches Disseminated pyrite. 15-25° to core. Occasionally less than 10°.	—	—		
310.6	Granular pyrite stringer + chlorite, Quartz, ZnS.	1934	0.4	.020	
322.4	Altered As Above.	—	—		
322.3	322.7-323.0 Quartz steep angle to core in disseminated aggregates of pyrite in chlorite at shallow angle to core.	1935	1.9	.148	
325.0	Altered As Above.				
340.0	Green Hornblended Fine grained. Scattered Carbonate - Quartz at various angles to core Scattered pyrite. Indication of fragmental nature.				

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. 79-1

SHEET NUMBER 6 of 12 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 630

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE Feet	GOLD ^{oz}	SLUDGE GOLD \$
340.0					
341.3	Patchy pyrite	1936	1.3	.042	
342.6	341.3 Fault 75° to core. Patchy pyrite Patchy carbonate - pyrite 65° to core. Alteration as below. 342.6 40° to core.	1937	1.3	.004	combined with #1936
361.0	Grayed slightly altered greenish fragmental Fine grained. Scattered Quartz carbonate threads "stringers" 20°-30° to core. Scattered pyrite.				
	354.3 Pyrite thread 25°				
	355.0 Pyrite thread 25° to core.				
	359.6 Pyrite carbonate quartz 50°				
361.7	Carbonate - Quartz stringer to 361.2. Red in Pyrite in volcanic @ 45° to core.	1938	0.7	.016	
369.4	Grayed As Above.	—	—		
373.3	Scattered patchy pyrite and carbonate and quartz	1939	3.9	.002	
	370.6 Carbonate - Quartz 10° to core				
	371.4 Carbonate - Quartz 70° to core.				
375.9	Slightly siliceous More pyrite carbonate & quartz than #1939	1940	2.6	.010	
	375.1 Quartz @ 60°				
376.3	Highly silicified. Moderately patchy pyrite	1941	0.4	.004	combined with #1937

DIAMOND DILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. 79-1

SHEET NUMBER 7 of 12 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 630.

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE Feet	GOLD ^{oz}	SLUDGE GOLD \$
(376.3 cont)	60° to core.				
380.9	Greyed Az Abund. Alteration sections. Scattered pyrite - pyrrhotite.				
383.4	Highly siliceous structure Fine fragmented breccia Quartz. Occasional bright green chlorite(?) Pyrite pyrrhotite + 50° to core.	1901	2.5	.44	
384.0	Patches of sulphides. 0.1 Quartz stringer. Chlorite, Breccia.	1902	0.6	.06	
385.3	Light Greyed. Fine Fragmental Volcanic	1903	1.3	NIL	
385.7	Patches, stringers pyrite pyrrhotite 385.3 mylonite 4.5° to core 385.7 0.1 Quartz stringer.	1904	0.4	.12	
386.0	Massive Pyrrhotite - Quartz (Chlorite) structure 60°	1905	0.3	10.37	
387.5	Light Greyed green pink. Highly fractured.	1906	1.1	NIL	
388.1	Patchy pyrite - pyrrhotite up to .15' in chlorite "Breccia"	1907	1.0	.18	
390.0	Streaky pyrrhotite pyrite structure. Siliceous. Chloritic Patch milky Quartz. Small patch Chalcopyrite. 47° to core.	1908	1.9	2.14	
391.0	Patchy streaky pyrite - pyrrhotite - ZnS in volcanics. 3.3° to core.	1909	1.0	.348	
393.2	Light greyed greenish volcanic	—	—		

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. 79-1

SHEET NUMBER 8 of 12 SECTION FROM _____ TO _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 630.
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE <i>ft</i>	GOLD ^{oz.} <i>ft</i>	SLUDGE GOLD \$
393.3					
394.1	Pyrite grains and stringers in chloritized Volcanic 394.1 Healed gouge 15-20" to core.	1910	0.8	.016	
415.5	Dyke to 394.6 dark chill? to 395.1 possible dark dyke. Camp? Typical. light color 35° to core. 406 "chill" @ 42° to core 409 irregular chill average 30° 412.5 irregular chill steep. 414.5 Epidote 33° to core. 415.5 Irregular 45°.				
435.5	Green Fragmental Slightly Hornblended. 416.3 ZnS stringer 38° to core. 416.5 Epidote threads @ 67° to core. 418.1 Concentration of disseminated pyrite @ 45° to core. 419.4 Pyrrhotite Epidote Carbonate Quartz @ 49° to core. 423.6 Carbonate - Quartz Pyrite (Pyrrhotite) @ 53° to core. 427.5-427.7 Dolomite - Quartz Pyrite 40°				

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. 79-1

SHEET NUMBER 9 of 12 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 630.

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE FEET	GOLD ^{oz.} _¢	SLUDGE GOLD _¢
435.5					
438.2	Dyke. Greenish Narrow chills 70° at both contacts. Scattered steep angle carbonate - quartz and epidote.				
473.5	Green. Hornblendized Alteration effects to 441.2 (Fragmental, type of.) 440.3-440.5 Carbonate Pyrite 65° to core. 443.9-444.0 Silicified Shear 20° to core. 451. Silicified carbonate quartz fine pyrite 25° to core. From 457 a more mottley texture from fragmental texture. 459.6 Dolomitic fault 40° to core. Then scattered carbonate-quartz threads @ 60° to core. Scattered specks py in last foot.				
476.3	Irregular patchy pyrite pyrrhotite chlorite carbonate-quartz. Slightly irregular epidote roll along core.	1942	2.8	.002	
511.1	Green Hornblendized & Mottled Fragmental Alteration fragments. Scattered carbonate quartz. Darker sections from 498' 485.5 silicified carbonate pyrite 20°				

WESTERN MINER PRESS LTD. STANDARD FORM NO. 501

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DIAMOND D ILL RECORD

PROPERTY SCOTTIE GOLD

HOLE NO. 79-1

SHEET NUMBER 10 of 12 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 630.

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE Feet	GOLD %	SLUDGE GOLD %
(511.1 cont)	507.0 - 507.5 27° to core.				
	sulphides in brecciation.				
	510.3 Silicified pyrite-carbonate quartz 20°				
512.6	Quartz-carbonate pyrite. Minor silicification 10°	1943	1.5	.016	
518.2	Green slightly Hornblendized Scattered patches threads pyrrhotite-pyrite. Fragments.	—	—		
519.8	Patches pyrite in matrix	1945	1.6	.014	
521.2	Green As Abame	—	—		
521.7	Silicified. Patchy pyrrhotite 27° and 60°	1944	0.5	.010	
523.9	Green As Abame.				
525.2	Patches Pyrrhotite and pyrite. 525.2 25° Carb-py	1946	1.3	.002	
527.1	Green As Abame.	—	—		
531.0	Patches streaks pyrite, pyrrhotite in Volcanic Minor Carbonate-Quartz threads	1947	3.9	.002	
535.5	Green As Abame. Several carbonate threads 32°-72°	—	—		
536.3	As #1947	1948	0.8	.004	
538.8	Green As Abame	—	—		
542.2	As #1947	1949	3.5	.002	
543.8	Alteration fragment.	—	—		
544.8	As #1947	1950	1.0	.004	
553.6	Green Gray Fragmental Fine grained.				

DIAMOND DILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. 79-1

SHEET NUMBER 11 of 12 SECTION FROM _____ TO _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 6.30.
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
(553.6 cont)	Scattered pyrrhotite-pyrite. Resembles a flow front?				
558.6	Patches Pyrrhotite pyrite	1951	5.0		
564.0	Patches Pyrite-pyrrhotite. Light alteration silicification	1952	5.4		
566.8	Lost Core.	—	—		
569.1	Patches pyrite pyrrhotite light alteration silicification	1953	2.3		
573.9	Patches pyrite	1958	4.8		
579.6	Ditto	1959	4.7		
580.4	Dyke like. Green. Volcanic?	—	—		
581.7	to 581.1 Streaks pyrite Rest highly quartz pyrite - ZnS	1960	1.3		
	581.7 Carbonate Fault 55° to core.				
586.0	Green Grey Fragmental Specks streaks pyrite	—	—		
592.2	Light Grey Buff alteration colour Disseminated pyrite.	1961	6.2		
613.4	Green Fine Fragmental Scattered pyrite. 609.7-610.6 Tuff?	—	—		
620.4	Light coloured. Carbonated and or slightly silicified. Patches pyrite 620.4 55° to core.	1962	7.0		
623.7	Light colour gray green. Slightly hornblendized				

DIAMOND D ILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. 79-2

SHEET NUMBER 1 of 8 SECTION FROM _____ TO _____ STARTED SEP 30/79
 LATITUDE _____ DATUM _____ COMPLETED OCT 3/79
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 405
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE feet	oz. GOLD \$	BLUDGE GOLD \$
0.0					
34.1	Green. Fine grained. Slightly hornblended Scattered Carbonate - Quartz threads at various angles to core. Occasional patch or threads pyrite - pyrrhotite 13.5 Quartz 25° to core. 15.2-15.3 Quartz pyrite 45° - 40° Occasional fragment and short sections with streaky threads of pyrite - pyrrhotite. 23.0 Quartz-chlorite - pyrite possible fault 45° to core.				
38.5	Light brownish. Alteration? Scattered fine carbonate - quartz. Scattered streaky pyrite 25° to core. Occasionally 50° or 70°.	1965	4.4		
40.0	Lost Core	—	—		
43.0	As # 1965	1966	3.0		
44.9	Dyke. Slightly irregular 45° to core, contacts.	—	—		
47.0	Green. Carbonate - Quartz core angles 25° to 50° Patches pyrite - pyrrhotite.	1967	2.1		
118.7	Green. Hornblended. Quartz Carbonate. 50.0 Quartz Pyrite Chlorite 25°				

NOTE: 4.4' core length.

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. 79-2

SHEET NUMBER 2 of 8 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 405

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
(118.7 cont)	53.0 Quartz Pyrite Chlorite Fault 20° plus possible dyke.				
	56.0-65.2 Carbonate - Quartz sections Occasional patch pyrite-pyrrhotite				
	65.2-67.0 Light coloured Dyke? Fractured possible fault zone. Fragmental nature more in evidence				
	72.3-73.0 Dyke. 60° to core.				
	90.0 Quartz pyrite 25° to core.				
	102.0 Quartz @ 30° to core.				
	111.0 Quartz pyrite @ 30° to core. Fragmental.				
119.0	Carbonate Quartz stringer with fine patchy chlorite pyrite-pyrrhotite	1968	0.3		
141.3	Green Fragmental Hornblended. Scattered sulphides. Carbonate threads (very fine) low angle to core to 125.0' (i.e. 10°-30°) From 130' many light coloured fragments.				
	163.5 Patch Pyrrhotite-epidote in 10° Quartz thread.				
	174.5-177.5 Streaks threads patches pyrite				

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. 79-2

SHEET NUMBER 3 of 8 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 405

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE Feet	GOLD \$ ^{oz}	SLUDGE GOLD \$
(191.3 cont)	slight alteration.				
	170-171 pink fragment				
	175.2 Quartz pyrite 25° to core.				
	181. Patch very fine threads pyrite pyrrhotite.				
	183. Quartz pyrite 25° to core.				
	From 188.7 slightly altered.				
192.4	Highly altered Minor pyrite.	1954	1.1		
193.6	Highly siliceous structure + Grey siliceous material Moderate Pyrite 35° to core.	1955	1.2		
195.5	Highly siliceous Highly pyritic 35-40° to core. Light green minerals Trace ZnS.	1956	1.9		
199.1	Highly altered. Occasional patch pyrite	1957	3.6		
	197.5 Quartz Carbonate Fault 45°				
216.0	Light grey green Alteration. Hornblended. Occasional patch thread carbonate or pyrite to 202.8 @ 35° to core. Fragmental. Scattered carbonate and pyrite.				
256.0	Green to Grey Green Many light coloured fragments Slightly carbonate-quartz				

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. 79-2

SHEET NUMBER 4 of 8 SECTION FROM _____ TO _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 405.
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE FEET.	GOLD ^{oz}	SLUDGE GOLD %
(256.0 cont)	trace pyrite.				
	221.5 Quartz pyrite threads 35°				
	226.5 Quartz pyrite thread 20°				
	229.0-229.2 Quartz pyrite stringer 30°				
	234.0 Quartz pyrite skim 0°				
	235.4 Quartz pyrite 50° to core.				
	235.4-247.6 Scattered alteration sections.				
	242.6 Light green Quartz + pyrite				
	244.0 Chlorite Quartz shears 50°				
	253. - 256. Alteration 35° to core.				
	254.5 Milky Quartz - Pyrite - pyrrhotite - Chlorite - ZnS.				
257.3	Alteration. Carbonate - Quartz streaks pyrite 60° to core.	1969	1.3		
303.5	Green Fragmental. Scattered pyrite-pyrrhotite Scattered Carbonate - Quartz threads patches. Occasional section massive like a dyke. Chill edges may make it a bomb or flow.				
	263. 0.1 Qz pyrite shear 45° to core				
	273.5 Quartz pyrite shear 55° to core				
	281. Quartz 20° to core.				

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. 79-2

SHEET NUMBER 5 of 8 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 405

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE Feet	GOLD ^{oz.}	SLUDGE GOLD %
(303.5 cont)	283. Quartz shear with pyrite 45°				
	297.0 Fault Faults @ 45° and 35° to core				
	297.0-297.2 High concentration of pyrite pyrrhotite (disseminated)				
304.8	Patchy streaky silicification to 304.2. Thin alteration with streaks pyrite 55°.	1970	1.3		
305.4	Highly silicified. Moderate disseminated pyrite 35°	1971	0.6		
306.0	Moderately siliceous structure. Fine grey mineral to 305.8 Moderate Pyrite ZnS. Moderate silicified pyrite 305.8-306.0	1972	0.6		
308.9	Alteration to 307.0 then Green with pyrrhotite pyrite patches in chlorite	1973	2.9		
314.7	Patches and streaky pyrite pyrrhotite and occasional stringer. 20°-35° to core.	1974	5.8		
318.6	Silicified shear "core" 316.2-316.9 @ 35° Patchy pyrite pyrrhotite shears outside "core"	1975	4.1		
325.6	Grey Green. Slight general alteration? Occasional carbonate-quartz-pyrite- pyrrhotite 30°-40° to core.	—	—		
328.1	Pyrite chlorite stringers (+ ZnS) @ 20° to core with Quartz threads patches.	1976	2.5		

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. 79-2

SHEET NUMBER 6 of 8 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 405.

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE Feet.	GOLD ^{oz.}	SLUDGE GOLD \$
328.1					
329.8	Gray Green Alteration.	—	—		
332.8	Patchy streaky pyrite pyrrhotite matrix and in chlorite. Alteration. 332.8 30° to core.	1977	3.0		
351.8	Gray Green Fragmental. Scattered patches threads disseminated pyrrhotite pyrite. Scattered threads Quartz carbonate.				
352.9	Pyrite Pyrrhotite 50°-40° in Chlorite Quartz Carbonate.	1978	1.0		
362.8	Green Scattered pyrrhotite-pyrite.				
	356.6 Pyrrhotite stringer 25°				
	359.7 Quartz pyrite 25°				
363.1	Pyrite stringer 30° to core.	1979	0.3		
368.5	Light Gray Green Alteration Scattered patchy pyrite pyrrhotite	1980	5.4		
	366. 15° to core.				
	367 45° to core.				
369.8	Pyrite-Quartz structure	1981	1.3		
373.0	Light gray brown green Minor pyrite pyrrhotite	1982	3.2		
	371.5 Fault? @ 40° to core.				
374.2	Light gray green. Patchy chlorite-pyrite in matrix	1983	1.2		

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. 79-2

SHEET NUMBER 7 of 8 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 405

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE feet	GOLD ^{oz.} #	SLUDGE GOLD #
374.2					
375.7	Black streaky shale or limestone. Much streaky Carbonate - Quartz @ 70° to core. Highly streaky patchy pyrite (ZnS) Minor pyrrhotite 50°-55° to core	1984	1.5		
377.7	Streaky pyrite pyrrhotite in blackish Carbonate (Quartz) Core angles 50° to 25°	1985	2.0		
393.3	Green. Hornblended. Fragmental. Scattered pyrrhotite pyrite threads patches & disseminated. Scattered carbonate quartz threads.				
	386. Quartz carbonate 35°				
	389.5 Pyrrhotite Carbonate Quartz 45°				
	390. Carbonate Quartz Pyrite 40° Pyrite Quartz 35° to core.				
394.7	Pyrite stringers. Carbonate - Quartz 20° to core	1986	1.4		
397.0	Green patches pyrrhotite - pyrite	—	—		
399.3	Patches stringers threads pyrrhotite - pyrite	1987	1.7		

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. 79-3

SHEET NUMBER 1 of 6 SECTION FROM _____ TO _____ STARTED OC 3/79
 LATITUDE _____ DATUM _____ COMPLETED OC 10/79
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 540
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE FEET	GOLD g.	SLUDGE GOLD g.
0.0					
32.9	Green Fine Hornblendingation Occasional pyrite. Occasional carbonate-quartz				
	30.0 Quartz pyrite pyrrhotite 45°				
38.9	to 33.5 Carbonate Quartz stringer zone Fault 45° Fine grained Alteration. Slightly silicification. Patches pyrite pyrrhotite. 37.6 Quartz 70°	1989	6.0		
71.8	Gray Green Fine Fragmental. 40-41 Dyke. 41.8-42.5 Patchy pyrite -42.8 Carbonate-Quartz stringer 40° 54-55. Dyke. 58.5-58.7 Quartz Carbonate Pyrite 27° 65- carbonate fractures				
73.8	Highly carbonated-quartz Patches Pyrrhotite 71.8 Fault 30° to core	1990	2.0		
75.5	to 74.4 Carbonate Quartz Pyrite Vein structure 43° Rest streaky pyrite.	1991	1.7		
162.1	Green. Very fine hornblendingation. Light brownish alteration fragments and sections 79.2-81.1 Carbonate Shear slightly				

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. 79-3

SHEET NUMBER 2 of 6 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 540

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE FEET	GOLD OZ.	SLUDGE GOLD %
(162.1 cont.)	continued.				
87.7	Pyrite with grey mineral 30°				
- 48.0	Streaky pyrite pyrrhotite.				
139.-139.2	Carbonate Quartz Pyrrhotite				
	Pyrite 35° to core.				
163.2	Highly pyritic, granular (to massive) Trace ZnS Carbonate-Quartz-Silicification chlorite 40° to core.	1992	1.1		
165.13	Light green silicification Granular pyrite @ 163.9	1993	2.1		
166.6	Highly pyritic granular Trace ZnS. Alteration Quartz Minor chlorite 45° to core.	1994	1.3		
167.9	Light silicification. Quartz @ 90° Streaky pyrite pyrrhotite 167.9 irregular 45°	1995	1.3		
171.0	Light grey alteration				
350.3	Green Fine Fragmental to light grey green				
175	Pyrite, Carbonate & Quartz 60°				
182	Pyrite Carbonate Quartz Chlorite 30°				
185	Quartz 30° to core.				
193	Pyrrhotite pyrite ZnS 50°				
195	Quartz @ 35° cutting Pyrite Pyrrhotite @ 15° to core.				

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. 79-3

SHEET NUMBER 3 of 6 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 540.

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE <small>feet</small>	GOLD ^{oz}	SLUDGE GOLD ^{oz}
(350.3 cont)	210-223 "stringers" threads patches pyrite - pyrrhotite.				
	225 rusty fracture. Relatively uniform.				
	255 Chlorite Quartz + Pyrite stringer 20°				
	260-272 Alteration with pyrite.				
	264 50° shear.				
	269-270 best concentration in this section				
	280.3-282.3 pyrite pyrrhotite stringers. alteration + chlorite. 280.3 40° shear.				
	Then scattered patches pyrite pyrrhotite.				
	288.5 Pyrite Quartz 35° to core				
	289. 50° to core				
	295-302 slightly pink alteration				
	302. shear 40° to core.				
	Thin continue scattered patches pyrite pyrrhotite.				
	312. Pyritic chlorite - banded gouge 55°				
	317 Quartz pyrite 25° to core.				
	339 Pyrite 50° to core.				
	315-345 light coloured fragments				
	345. Quartz fault 30° to core.				

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DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. 79-3

SHEET NUMBER A of 6 SECTION FROM _____ TO _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 540
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE feet	GOLD ^{oz.}	SLUDGE GOLD \$
(350.3 cont)	348.5 Quartz 45° to core.				
351.4	Many granular stringers threads pyrite (pyrrhotite) in chloritic volcanic. Minor Quartz.	1996	1.1		
357.9	Green As Above.				
	355. Shear zone with heeled gouge 35°				
358.6	Streaky patchy pyrite pyrrhotite. Slightly silicified. to 358.4 Then white Quartz.	1997	0.7		
369.8	Green As Above				
	359.6 Granular pyrite stringer 60°				
371.2	Quartz pyrite Vein. Minor Arsenic pyrite. Trace ZnS. 55° to core. 371.2 not good fit.	1998	1.4		
391.2	Green As Above. Scattered pyrite pyrrhotite.				
	372.5 Quartz pyrite 50° to core.				
	373. Quartz pyrite 60° to core.				
	374 Granular Pyrite Stringer 50°				
	385 Pyrite (ZnS)				
	386 Pyrite (ZnS)				
	389 Pyrite, ZnS, silicification.				
392.2	Highly siliceous, Green colour. Carbonate - Quartz Much patchy Pyrite (pyrrhotite) ZnS.	1999	1.0		

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DIAMOND HILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. 79-3

SHEET NUMBER 5 of 6 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 540

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE Feet	GOLD $\frac{oz.}{\text{ton}}$	SLUDGE GOLD $\frac{\text{oz.}}{\text{ton}}$
392.2					
396.4	Alteration, Pyritic Trace ZnS.	2000	4.2		
456.	Green Fine Fragmental Foss scattered quartz or pyrite threads often at a low angle to core.				
	419. Shear zone with Quartz @ 35° from 450. several pyrite stringers threads.				
486.0	Dyke. Light colour 456 & 459 30° to core.				
	458.3-458.7 Disseminated pyrite in volcanics. Steep angle.				
	Several scattered rusty fractures.				
	484.6-485.2 Disseminated pyrite in volcanics.				
	486 . 65° to core.				
513.5	Greenish Grey Fine grained, Scattered Quartz - Carbonate - Pyrite. Occasional slightly altered section.				
	512 Pyrite				
	513 Quartz dolomite 20°				
514.3	Patchy waxy fine gray sulphides. Patches pyrite pyrrhotite. Slightly carbonate -	1876	0.8		

DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. 79-4

SHEET NUMBER 1 of 5 SECTION FROM _____ TO _____ STARTED Dec 11/79
 LATITUDE _____ DATUM _____ COMPLETED Dec 20/79
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 501
 ELEVATION _____ DIP DIPTEST 200'
400' PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE FT.	GOLD ^{oz}	SLUDGE GOLD \$
0.0					
42.6	Green Hornblendized. Scattered Quartz Carbonate and/or sulphides. Meager evidence of fragments 24. sulphides 27. silicified fine pyrite 10° to core. 39 silicified. 40.5 silicified stringer 40° to core.				
44.6	Silicified structures to 43.8 Then Moderate silicification with fine pyrite.	1879	2.0		
46.4	Green as above. Slightly siliceous. Minor pyrite	—	—		
49.2	Quartz (carbonate) + silicification and pyrite at 49.2 25° to core.	1880	2.8		
56.9	Muchly altered. Slightly siliceous with pyrite. 53.5 30° to core. 56.9 30°				
61.5	Grey Buff alteration.				
73.1	Green Grey with scattered Quartz-carbonate - pyrite - alteration. 71.2 - 72.1 Dyke at 20° to core.				
80.2	Dyke. Medium grained. Light coloured typical. 73.1 35° to core.				

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DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. 79-4

SHEET NUMBER 2. of 5 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 501

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE <i>feet</i>	GOLD ^{oz.} <i>g</i>	SLUDGE GOLD <i>g</i>
(80.2 cont)	80.2 25° to core.				
110.0	Green Hornblendized. Fine Grained.				
162.0	Dyke zone. 110.0' low angle. 162.0 25°				
	114.0 - 119.5 Fine grained greenish volcanic as above.				
	127.0 - 131.0 " " " " " "				
	136.5 - 139.0 " " " " " "				
	From 146. Coarser grained and lighter colored.				
206.7	Greenish Fragmental. Fine grained.				
	Box 165-189 dumped? 2.0' of dyke scattered.				
	Scattered large fragments.				
208.0	40° to core.	1881	1.3		
	to 206.9 Quartz				
	to 207.4 Fine pyrite stringer with Quartz.				
	to 208.0 Siliceous structure with pyrite.				
211.8	Slightly siliceous alteration with pyrite	1882	3.8		
212.7	30° to core at 212.7	1883	0.9		
	to 212.4 Highly siliceous with pyrite				
	to 212.7 Fine pyrite stringer with ZnS.				
346.6	Green. Fine fragmental				
	Splashes pyrite-pyrrhotite & Occasional streaks, threads, or disseminated.				

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DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. 79-4

SHEET NUMBER 3 of 5 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 501.

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE FEET	GOLD $\frac{oz}{ton}$	SLUDGE GOLD %
(346.6 cont)	216.5 Chloritic Pyrite thread 10° to core				
	226.5 Quartz pyrite 40° to core.				
	256.0 - 266.0 Lost Core.				
	293. - 308 best ^{but no obvious economic structures.} concentrations of sulphides				
	303: Quartz pyrite 10° to core.				
	From 308 scattered alteration sections.				
	309.5 - 309.8 Quartz pyrite				
	309.5 30° to core 309.8 55° to core.				
	321. several "stringers" Quartz pyrite pyrrhotite @ 40° & 70° to core.				
	From 321 sulphide content decreases somewhat.				
	324. 45° & 20° to core				
	328.5 50° to core				
	331. 35° to core				
	334 60° to core				
	335 40° to core + Zn S.				
	338 30° to core.				
349.0	Splashes, threads and disseminated pyrite - pyrrhotite in volcanics.	1884	2.4		
351.0	Massive granular pyrite in Quartz. Minor pyrrhotite 40° to core.	1885	2.0		

P.

DIAMOND DRILL RECORD

PROPERTY Scottie Gold HOLE NO. 79-4

SHEET NUMBER A of 5 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 501.

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE Feet	GOLD ^{oz.} _{ft}	SLUDGE GOLD _{ft}
(351.0 cont)	350.4-350.7 Quartz with minor sulphides. 350.4 60° irregular 350.7 30°? to core.				
353.2	Threads splashes disseminated pyrrhotite-pyrite. 352.0 Quartz @ 30° to core.	1886.	2.2		
388.4	Green and light grey, patchy, alteration. Streaks with splashes, threads and disseminated pyrite-pyrrhotite. 358. Patch granular pyrite in green quartz. 370. Healed shear along core 381. Pyrite ZnS thread @ 40° to core. 386. Possible fault.				
390.0	Dark green, "Chloritic". Splashes pyrite-pyrrhotite.	1887	1.6		
392.7	Massive Pyrrhotite. Ends on green quartz. ^{Minor Galena} 390.8-391.6 Much patchy threads ZnS.	1888	2.7		
394.5	Moderately chloritic, Quartz, pyrrhotite, pyrite alteration.	1889	1.8		
394.9	Massive Pyrrhotite, with Quartz stringer 60° to core	1890	0.4		
396.5	to 395.2 Silicification, Quartz, Pyrite Trace ZnS. 50° to core.	1891	1.6		

WESTERN MINER PRESS LTD. STANDARD FORM NO. 501

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DIAMOND DRILL RECORD

PROPERTY SCOTTIE GOLD HOLE NO. 79-4

SHEET NUMBER 5 of 5 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 501.

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE feet	GOLD ^{oz.}	SLUDGE GOLD \$
(396.5 cont)	to 395.5 Chlorite with pyrrhotite.				
	to 395.8 Pyrite ZnS Quartz stringer 65°				
	to 396.5 Pyrite Pyrrhotite Quartz silicification.				
397.3	Bits pyrite in alteration.	1892	0.8		
411.0	Gray "pink" alteration Minor pyrite	—	—		
411.5	Quartz pyrite stringer 20° to core.	1893	0.5		
463.0	Green to Gray Green. Fine fragmental. Slightly hornblendized Scattered sulphides.				
	415. Pyrite-pyrrhotite Quartz stringer 30° to core.				
	421.5 Pyrite-quartz 25° to core				
	431.5 Quartz pyrite 40° to core.				
	441-446 Lost Core.				
	460-461.5 Quartz pyrite thread Crossover.				
	463.5-467.0 " " " "				
	Chatter zone?				
	469. - 470.5 Patchy pyrite.				
	474.5- 476.0 Lost Core.				
	480.0 - 481.0 Lost Core.				
501.	Dyke. Typical light Colour Medium grained. Slightly chilled border. Slightly hornblendized.				
501	E.O.H.				

Scottie Gold Mines Ltd.
 333-885 Dunsmuir St,
 Vancouver. B.C.

INVOICE

Invoice # 605
 Job #
 Date: Nov 6, 1979

McCONVILLE DRILLING LTD.
 Box 836, Houston, B.C.

8-1-1

Re: Scottie Gold Mines Drilling - Underground
 Period ending, Oct 31, 1979.

Drilling	\$24,150.00
Field Costs	\$ 2,121.00
Total	\$26,271.00

Drilling Detail

<u>Hole#</u>	<u>From</u>	<u>To</u>	<u>Footage</u>	<u>Rate/ft</u>
79-2	110	405	295	\$12.50
79-3	0	540	540	"
79-4	0	501	501	"
	AQ,	Total	1,336	
A-1	0	51	51	"
A-2	0	50	50	"
A-3	0	48	48	"
A-4	0	60	60	"
A-6	0	75	75	"
A-7	0	75	75	"
A-9	0	55	55	"
B-1	0	75	75	"
B-2	0	75	75	"
B-3	0	32	32	"
	Packsack Total		596	
	Total Footage		1,932	

6-15



Field Costs

<u>Date</u>	<u>Memo</u>	<u>Hrs</u>
Oct 1	No air	2
3	Setting-up for Hole# 79-3	2
4	No air	4
5	Trail impassable for snow; call out,	8
7	No air	4
11	Setting-up for Hole# 79-4	8
20	Tearing down & moving	5
21	Gearing out, ready for Helicopter	8
22	Air lifting equipment down and loading same	8
	Total Man/hrs for 3600 level	49

J/A.
 SDL 400-03
 (See page 3)
 Nov. 9/79.
~~\$ 26,230.66~~

Scottie Gold Mines Ltd
333-885 Dunsmuir St,
Vancouver.B.C.

INVOICE

Invoice # 3
Job #762
Date: Nov 6, 1979

McCONVILLE DRILLING LTD.
Box 836, Houston, B.C.

Re: Scottie Gold Mines Drilling - Underground
Period ending, Oct 30, 1979.

Field Costs For 3000 Level

<u>Date</u>	<u>Memo</u>	<u>Hrs</u>
Oct 7	Insufficient water	8
8	No water	16
9	Re- routing air line	16
10	No water	8
12	" "	8
16	" "	1
21	" "	1
22	No air	2
23	No air, No water	2
26	" "	1
27	Blasting	<u>2</u>
Total Man/hrs for 3000 Level		65
" " " " both Levels		114
Traveling time for 3600 Level = 32 hrs x 1½ =		48
Calculation: 162 hrs @ \$12.50/hr =		\$2,025.00
Dip tests: 6 @ \$16.00 per test =		\$ 96.00

Ed McConnell

Deduct Norman Davis

1 Belt
1 Mr boots.

~~13.72~~
22.05
18.29
40.34

To save off his ~~money~~

09
26,27X.810
40.34
26230.66

Sheet #1

McCONVILLE DRILLING LTD
Box 836 Houston B.C.
VOJ 130

115

INVOICE

Scottie Gold Mines Ltd
333-885 Dunsmuir St
Vancouver. B.C.

Invoice# 1
Job# 762

Re: Scottie Gold Mines diamond drilling; underground.
Period ending Sept 30/79.

Drilling	9,250.00
Field costs	2,862.50
	<u>\$12,112.50</u>

Drilling detail

<u>Hole #</u>	<u>From</u>	<u>To</u>	<u>Footage</u>	<u>Rate/ft</u>
791	0 ✓	630 ✓	630 ✓	\$12.50 ✓
792	0 ✓	110 ✓	110 ✓	"
			<u>740 ✓</u>	

Field costs

<u>Date</u>	<u>Memo</u>	<u>Man/hrs</u>
Sept 12	Gearing into 3600 Adit	8
13	Wait for Jackleg, pack same up to 3600- -Gearing for water supply.	24
14	Wait for slash& smoke to clear, cleanup	24
15	Hand muck slash.	24 x 1½
16	Setting up	28½ x 1½
17	Complete setup	12
18		2
19	Freezing up	8
20	" "	7
21	" "	2
22	" "	2x1½
23	" "	2x1½
24	" "	2

OK - Pay \$12,112.50 450

Code 400-03

COPY PLEASE

J.C. Brichell

Sheet #2

Sept 25	Freezing up	Traveling	14
26	" "	Setup tanner gas system, "	21
27		Traveling	4
28		"	4
29	Wait for Engineer, Setting up for hole # 792,	-Traveling	9x1 $\frac{1}{2}$
30		"	2x1 $\frac{1}{2}$

Calculation; 229 Man hours @ \$12.50 per mn/hr
= \$2,862.50