

86-~~865~~ - 15610
865

PERCUSSION DRILLING REPORT
ON THE
BULLDOG AND TERRIER MINERAL CLAIMS

OSOYOOS MINING DIVISION

Latitude - 49°22.5'N
Longitude - 120°1.5'W
NTS - 92H/8E

MASCOT GOLD MINES LIMITED
1440-800 West Pender Street
Vancouver, B.C.
V6C 2V6

R.G. Simpson, Project Geologist

November 01, 1986

FILMED

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

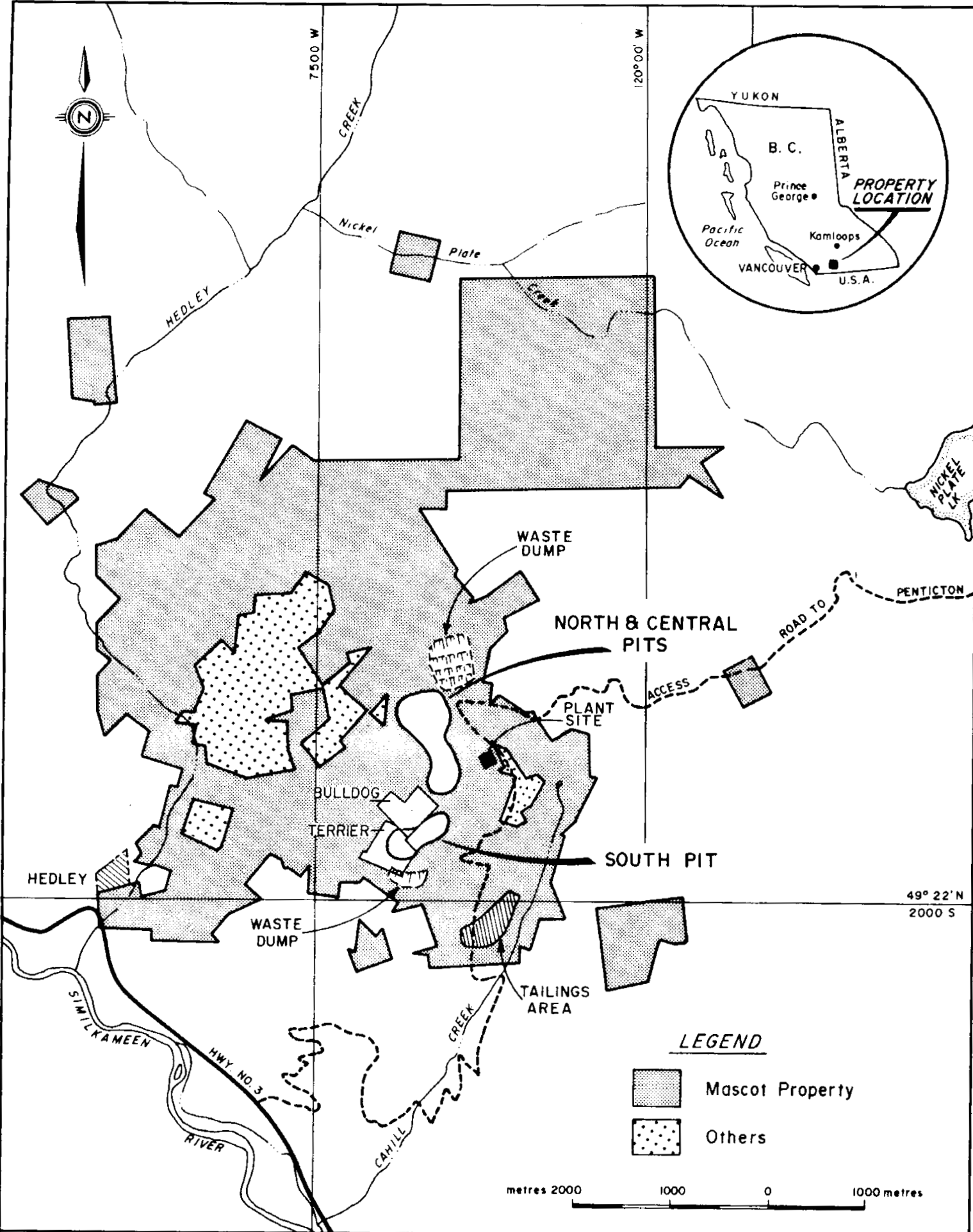
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TABLE OF CONTENTS

	<u>PAGE NO.</u>
SECTION A - INTRODUCTION	
Location, Access and Physiography	1 /
Claims and Ownership	2 /
History and Previous Work	2 /
Geology	4 /
SECTION B - SUMMARY OF WORK	
Percussion Drilling	6 /
Discussion of Results	7 /
Conclusion	7 /
SECTION C - STATEMENT OF QUALIFICATIONS	
R.G. Simpson	8 /
SECTION D - STATEMENT OF EXPENDITURES	9 /
SECTION E - MINERAL CLAIM DATA ✓	
SECTION F - LABORATORY REPORTS ✓	
SECTION G - DRILL HOLE LOGS ✓	

LIST OF ILLUSTRATIONS

Figure 1	Location and Property Map ✓	
Figure 2	Claim and Drill Hole Location Plan 1:6000	In Pocket ✓



Mascot Gold Mines Limited

NICKEL PLATE PROJECT
PROPERTY MAP

DATE: JULY / 1986	SCALE: 1: 50,000	DRAWING No. 1
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SECTION A INTRODUCTION

INTRODUCTION

Eight percussion holes were drilled on the Nickel Plate Property between August 15 and 29, 1986. The drill sites were located on the Bulldog and Terrier claims and totalled 727 meters in cumulative length. Purpose of the drilling was to test the mineralization potential of a proposed rock waste dump site.

Location, Access and Physiography

The Nickel Plate Property is located on the southern border of the Interior Plateau, approximately 240 kilometers east of Vancouver near Hedley, British Columbia.

The Property is accessible via 13 kilometers of public road which joins Highway 3 approximately 1.5 kilometers east of Hedley and winds up the south and southeastern slopes of Nickel Plate Mountain. The Property is also accessible via a well-maintained gravel road from the Apex Mountain ski resort, 13 kilometers to the east. Apex is reached from the City of Penticton by 34 kilometers of paved road.

The Property covers an area of varied topography where the rolling upland plateau has been deeply incised by the Similkameen River and tributary creeks. Elevations range from 520 meters at Hedley in the Similkameen Valley to over 1850 meters at the top of Nickel Plate Mountain and to 2048 meters at the top of Lookout Mountain. The steepest slopes occur in the Windfall Canyon section, above Hedley Creek. Here, precipitous cliffs, steep ridges and talus slopes plunge over 1200 meters to the valley floor. Elsewhere, slopes are more subdued and easily traversable.

The climate is dry with precipitation in the order of 28 cm per year in the valley and with twice that amount recorded at the higher levels of the plateau. In the winter months snow can reach depths of 60 to 120 cm on Nickel Plate Mountain and snow flurries can occur anytime of the year at the higher elevations. Temperatures commonly vary from 10 to 40°C in summer and from 0° to -30°C in winter.

The lower slopes are typically open and grassy or sparsely wooded with pine and aspen. The higher slopes are generally well timbered with pine, fir, spruce, aspen and balsam. Slopes with southern exposure have moderate to sparse tree cover with many open areas of grass and sagebrush.

Claims and Ownership

The Nickel Plate Property is made up of 95 Crown-granted mineral claims (91 owned and 4 leased), two mineral leases totalling 26 claims, 6 reverted Crown-granted and 11 located claims of 38 units. These 161 claims units are essentially a contiguous circular mass and cover 2324 hectares (see Figure 1).

The surface rights are also held to 13 of the Crown-granted mineral claims as well as two other parcels. Surface ownership totals 197 hectares.

A summary of property holdings is appended in Section E.

History and Previous Work

The mining history of the Hedley area dates back to the 1860's when placer gold was discovered near the mouth of Hedley Creek. The first mineral claims were staked in 1894 but it wasn't until 1887 that prospectors discovered the oxidized outcrops of gold-bearing beds on Nickel Plate Mountain.

In 1904 the Yale Mining Company commenced production from claims presently held by the Company. By 1909, 167,000 tons averaging 0.696 ounces of gold per ton had been milled. Hedley Gold Mining Company took over in 1909 and operated continuously until 1931 when all the then-known ore reserves were exhausted and the mine was closed.

After extensive geological study and related exploration had established, Kelowna Exploration Company Limited (later known as Kelowna Mines (Hedley) Limited), maintained the Nickel Plate property in continuous commercial production from 1934 until 1955. In that year operations were again suspended as a result in part of the steady increase in the cost of labour and supplies in relation to the fixed price of gold. All the equipment and buildings were removed. The mineral claims and surface rights were transferred from Kelowna to Burden Investors Services Inc. in 1965 by way of a distribution of assets on liquidation.

In all, the Nickel Plate property was in near continuous production for some 47 years and produced 3,273,807 tons of ore grading 0.442 ounces of gold per ton yielding 1,448,460 ounces of gold.

Recent Exploration

Following the cessation of production, Burden granted an option to Dundee Mines Limited who undertook a program of eight diamond drill holes some distance from the former workings. From 1967 to 1971 the property was under option to Giant Mascot Mines Limited which carried out surface and underground exploration, also in areas away from central workings. In 1971, a subsidiary of Giant Mascot (now Mascot Gold Mines Limited) acquired the property and carried out minor exploration work up to 1979.

In 1979, with the dramatic increase in the price of gold, Mascot commenced the rehabilitation of the upper haulageways and conducted a sampling program within the more accessible stopes.

In late 1980 a surface diamond drilling program totalling 14,480 feet in 97 holes was initiated within the Sunnyside and Nickel Plate Systems, and was followed by an extensive underground drilling program through the winter of 1981-82 aggregating an additional 32,486 feet in 377 holes in 12 areas. During this period some 272 feet of drifting was carried out in the newly discovered Sunnyside 250 Zone.

In the summer and fall of 1982 a surface program of geologic mapping, surface trenching, sampling and a limited amount of surface and underground diamond drilling was undertaken to locate surface expressions of ore bodies and to obtain a greater understanding of the structures in areas previously known. This surface work located the new Silverside Zone, added dimensions to the known Sunnyside No. 1 Zone and expanded the information base in the Bulldog No. 3 Zone.

From April 1984 to January 1986, Mascot Gold Mines carried out comprehensive exploration programs involving 51,700 meters of surface and underground drilling.

A production decision was made in late 1985 and construction is currently underway. Open pit reserves total 7.1 million short tons grading .150 oz Au/ton.

Geology

The area is underlain by sedimentary and volcanic rocks of the Upper Triassic Nicola Group. These have been intruded by stocks, sills and dykes of quartz diorite and diorite of the Hedley Intrusions dated at 180 ma. Later intrusions of granite and granodiorite formed the Cahill Creek Pluton which underlies Nickel Plate Mountain and has been dated at 145 ma.

Near the top of Nickel Plate Mountain, interbedded siltstone and impure limestone of the Nicola Group has been altered to sulphide-bearing skarn. Gold occurs as minute blebs associated with a bismuth telluride (hedleyite) within and around grains of arsenopyrite and gersdorffite. Electrum also occurs associated with later stage intergrowths of pyrrhotite, chalcopyrite and sphalerite.

SECTION B SUMMARY OF WORK

SUMMARY OF WORK

Percussion Drilling

Between August 15 and 29, 1986, eight percussion holes totalling 727 meters were completed on the Nickel Plate property. Four holes were located on the Bulldog claim and four on the Terrier claim. Hole locations are plotted on Figure 3.

Tonto Drilling B.C. Ltd., was contracted to carry out the drilling utilizing a IH60 Ingersoll Rand truck mounted rig equipped with down-hole hammer and dual wall pipe for reverse circulation drilling. A support truck equipped with a water tank and an extra drill pipe attended the rig. Holes, 13 cms in diameter, were drilled vertically to depths ranging from 87 to 91 meters. Air circulation was used as much as possible, but water circulation was required for approximately 50% of the drilling. Casing was set in holes to prevent caving of loose fill and overburden.

Sampling procedures were standardized as much as possible and every attempt was made to minimize handling and contamination. Drill cuttings were carried by hoseline from the pipestem to a cyclone sampler attached to the drill truck. A three-tiered Jones splitter was set up under the cyclone and a 1/8 split was obtained every 3 meters (10 feet) and transferred to Hubco Sentry 10 x 14 inch sample bags. The hole was cleaned after every 3 meter run to ensure a complete sample. While drilling dry, a door at the base of the cyclone kept the sample confined until the run was completed. Drilling with water however required a continuous flow and the door was left open. Immediately after sample collection the Jones splitter was cleaned with a high pressure air hose.

For visual logging purposes, a 40-dram vial sample of sieved, +2 mm rocks chips was taken from the back-up sample. Logs are appended on Section G.

Samples for assay were shipped via transport to Ecotech Labs Ltd. in Kamloops. A total of 221 samples were fire assayed for Au.

Laboratory reports are appended in Section F, drill logs in Section G. Drill hole locations are shown on Figure 2. Total cost of the drilling amounted to \$24,711.75. Laboratory assay costs totalled \$2,185.00.

Discussion of Results

The drill holes intersected a sequence of altered, dark calcareous argillites intruded by diorite porphyry sills. Hole G86-38 encountered skarn beds near surface with gold-bearing sulfide zones. The interval from 1.5 to 9.1 meters (7.6 meters width) averaged .082 oz Au/ton.

Conclusions

No economic mineralization was found to exist under most of the proposed rock waste dump site within 100 m of the surface. Hole G86-38 located on the north edge of the site intersected gold mineralization near surface assaying .082 oz Au/ton over 7.6 meters. Further drilling is recommended to outline this mineralization.



Respectfully submitted

A handwritten signature in cursive script, appearing to read "R.G. Simpson".

R.G. Simpson
Project Geologist

SECTION C STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

RONALD G. SIMPSON

=====

1. Attended the University of British Columbia and graduated in May 1975 with an honours B.Sc. degree in Geology.
2. Is a fellow of the Geological Association of Canada.
3. Has carried out his profession continuously since 1975 and has been employed as a project geologist with Mascot Gold Mines Limited since August 1984.



Respectfully submitted,

A handwritten signature in cursive script, appearing to read "R.G. Simpson".

R.G. Simpson
Project Geologist

SECTION D STATEMENT OF EXPENDITURES

STATEMENT OF EXPENDITURES

(August 15 to 29, 1986)

=====

Rotary Drilling

Contractor: Tonto Drilling B.C. Ltd.

2315 feet at \$9.95/ft.	\$23,034.25
Field costs (setting casing etc.)	1,677.50

TOTAL DRILLING COSTS	\$24,711.75
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Assaying

Eco-Tech Laboratories, Kamloops, B.C.

230 fire assay Au + sample prep @ \$9.50/sample	\$ 2,185.00
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TOTAL	\$26,896.75
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SECTION E MINERAL CLAIM DATA

MINERAL TITLE - CANADANICKEL PLATE

Province : B.C.
 Mining Division: Osoyoos
 NTS : 82E/5W
 Property : Nickel Plate
 Land District : Similkameen Division of Yale District
 Location : 4 km NE of Hedley
 : 34 km WSW of Penticton

Date Revised: Oct 15/86
 Prepared by : EA/
 Page 1 of 7

Operator: Mascot

A. CROWN-GRANTED MINERAL CLAIMS

LOT NO.	NAME	ACRES	HECTARES	CERTIFICATE OF TITLE (MINERALS)	UNDERSURFACE CHARGE NUMBER
200 S	PS FRACTION	28.07	11.36		
265 S	NELLIE A	32.60	13.19		
377 S	ELBE FR.	50.40	20.40		
389 S	BADGER	13.40	5.42		
625 S	MAID OF THE MIST	51.65	20.90		
626 S	WAR CLOUD	51.65	20.90		
634 S	BEAVER	25.10	10.16		
648	COPPER PLATE	51.00	20.64		
655 S	MORNING	48.70	19.71		
656 S	PARIS	26.60	10.76		
659	GOOD VIEW	40.35	16.33		
663	TRIANGLE FRACTION	5.50	2.23		
679 S	DOMINION	51.65	20.90		
707	WELLINGTON	27.49	11.13		
708	CRACKER JACK	42.69	17.28		
723	COLD SPRING	48.00	19.43		
725	EXCHANGE FRACTION	12.80	5.18		
735	NICKEL PLATE FRACTION	0.30	0.12		
739	BULLDOG	40.32	16.32		
740	SUNNYSIDE	45.95	18.60		
741	NICKEL PLATE	49.85	20.17		
742	COPPER FIELD	40.40	16.35		
743	SILVER PLATE	29.09	11.77		
744	GOLD FIELD	47.30	19.14		
745	ELECTRO PLATE	50.60	20.48		
761	TERRIER	46.50	18.82		
852	ALICE	22.20	8.98		
1581 S	JULY FRACTION	1.06	0.43		
1582 S	NEW YORK FRACTION	29.24	11.83		
1600	IRON DUKE	23.00	9.31		
1792	DANUBE	33.53	13.57		
1793	GOLD PLATE	45.60	18.45		
1794	SUNSHINE NO.1 FRACTION	1.50	0.61		

MINERAL TITLE - CANADANICKEL PLATE
=====

Province : B.C.
 Mining Division: Osoyoos
 NTS : 82E/5W, 92H/8E
 Property : Nickel Plate
 Land District : Similkameen Division of Yale District
 Location : 4 km NE of Hedley
 : 34 km WSW of Penticton

Date Revised: Oct 15/86

Prepared by : EA/

Page 2 of 7

Operator: Mascot

A. CROWN-GRANTED MINERAL CLAIMS

LOT NO.	NAME	ACRES	HECTARES	CERTIFICATE OF TITLE (MINERALS)	UNDERSURFACE CHARGE NUMBER
1795	WARRIMOO	36.90	14.93		
1796	AORANGI	28.82	11.66		
1797	DANUBE FRACTION	2.07	0.84		
1798	WOODLAND	34.50	13.96		
1876	MOUND	51.65	20.90		
1877	COPPER CLEFT	42.35	17.14		
1927	HORSEFLY	38.62	15.63		
1975	MAFEKING	49.75	20.13		
1980	IRON PLATE FRACTION	5.82	2.36		
2474	KINGSTON	31.00	12.55		
2475	ROLLO	37.57	15.20		
2476	PRINCETON	21.90	8.86		
2477	KING	8.00	3.24		
2478	WARHORSE	33.80	13.68		
2479	GRANDVIEW	4.00	1.62		
2480	METROPOLITAN	36.20	14.65		
2481	KINGSTON FRACTION	6.50	2.63		
2664	IXL	20.50	8.30		
2665	CLIMAX	40.00	16.15		
2666	RED MOUNTAIN	45.38	18.37		
2673	SACRAMENTO	39.90	16.16		
2819	BANNER	26.00	10.52		
2822	CENTRE STAR FRACTION	18.00	7.28		
2823	DRAW	40.97	16.58		
2832	CZAR FRACTION	37.58	15.21		
2903 S	KITCHENER FRACTION	23.75	9.61		
2904 S	SALT LAKE FRACTION	4.22	1.71		
2905 S	MOUND FRACTION	0.07	0.03		
3032	RED EAGLE	25.00	10.12		
3033	MIDDAY FRACTION	45.50	18.41		
3034	MAYFLOWER	25.80	10.44		
3037	WAR EAGLE	34.40	13.92		
3113 S	VICTORIA FRACTION	16.16	6.54		

MINERAL TITLE - CANADANICKEL PLATE

Province : B.C.
 Mining Division: Osoyoos
 NTS : 82E/5W, 92H/8E
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 34 km WSW of Penticton

Date Revised: Oct 15/86

Prepared by : EA/

Page 3 of 7

Operator: Mascot

A. CROWN-GRANTED MINERAL CLAIMS

LOT NO.	NAME	ACRES	HECTARES	CERTIFICATE OF TITLE (MINERALS)	UNDERSURFACE CHARGE NUMBER
3312 S	COYOTE FRACTION	0.40	0.16		
3313 S	ANNIE BROOKS FRACTION	6.26	2.53		
3314 S	AUGUST	40.06	16.21		
3326 S	ENCKECHIM	51.37	20.79		
3327 S	SYNKELIP	51.65	20.90		
3328 S	CHINOOK	51.65	20.90		
3398 S	CHILANKO	43.11	17.45		
3399 S	MOWICH	48.24	19.52		
3400 S	CIUTAN	51.51	20.85		
3410 S	WINDFALL	36.00	14.57		
3411	BIGHORN	31.20	12.63		
3412	WINCHESTER FRACTION	48.00	19.43		
3464	STEMWINDER	50.68	20.51		
3465	GLENWOOD FRACTION	21.00	8.50		
3466	CHARTER OAK	41.50	16.79		
3850 S	SAGE	51.65	20.90		
3851 S	SPRUCE FRACTION	47.15	19.08		
3852 S	FIR FRACTION	51.54	20.86		
3853 S	PINE FRACTION	51.65	20.90		
3854 S	JUNIPER FRACTION	43.39	17.56		
3855 S	ASPEN FRACTION	51.62	20.89		
3856 S	CEDAR FRACTION	51.65	20.90		
3878 S	THISTLE NO. 2	42.55	17.22		
3879 S	THISTLE NO. 2 FRACTION	49.68	20.11		
3880 S	THISTLE FRACTION	48.84	19.77		
	91 claims	3089.12	1250.15		

MINERAL TITLE - CANADA

NICKEL PLATE

Province : B.C.
 Mining Division: Osoyoos
 NTS : 82E/5W, 92H/8E
 Property : Nickel Plate
 Land District : Similkameen Division of Yale District
 Location : 4 km NE of Hedley
 34 km WSW of Penticton

Date Revised: Oct 15/86

Prepared by : EA/

Page 4 of 7

Operator: Mascot

B. MINERAL LEASES

LEASE NO.	LOT NO.	NAME	ACRES	HECTARES	ANNUAL RENT	DATE OF LEASE	EXPIRY DATE
M-71	1512-S	CANNON BALL	51.47	20.83	104.00	15/11/67	15/11/88
M-72	204S 266S 801 895s 896s 897s 898s 899s 900s 901s 909s 2766 2762 3038 3039 3336s 3337s 3338s 3339s 3340s 3341s 3342s 3343s 3344s 3345s	PHYLLIS PRESIDENTIAL TRYANGLE FRACTION UNION FRACTION FORTY NINE GOLDMAN SNOWFLAKE MOTHER LODE LOOKOUT HUMMING BIRD FRACTION MOUNTAIN VIEW MOLLIE JACK FROST ZERO CANADIAN BELLE NORTHERN LIGHT FR. VINDICATOR VINDICATOR FR. NO. 1 VINDICATOR FR. NO. 2 VINDICATOR FR. NO. 3 VINDICATOR FR. NO. 4 VINDICATOR FR. NO. 9 VINDICATOR FR. NO. 6 VINDICATOR FR. NO. 7 VINDICATOR FR. NO. 5 VINDICATOR FR. NO. 8	913.14	369.54	1828.00	27/11/67	27/11/88
2		26 claims	964.61	390.37	\$1932.00		

MINERAL TITLE - CANADA

NICKEL PLATE

Province : B.C.
Mining Division: Osoyoos
NTS : 82E/5W, 92H/8E
Property : Nickel Plate
Land District : Similkameen Division of Yale District
Location : 4 km NE of Hedley
34 km WSW of Penticton

Date Revised: Oct 15/86
Prepared by : EA/
Page 5 of 7

Operator: Mascot

C. REVERTED CROWN - GRANTED

CLAIM	LOT NO.	AREA		RECORD NO.	RECORD DATE	EXPIRY DATE	WORK REQUIRED
		Ac.	Ha.				
Sunset	666	41.3	16.21	674(2)	21/02/79	21/02/95	\$ 200.00
Silverside	718	47.0	19.02	2444(6)	30/06/86	30/06/87	\$ 100.00
Ironsides	724	44.3	17.93	2443(6)	30/06/86	30/06/87	\$ 100.00
Cyclone Fr.	1485s	48.59	19.66	672(2)	21/02/79	21/02/95	\$ 200.00
Cree Fr.	1991s	49.06	19.85	671(2)	21/02/79	21/02/95	\$ 200.00
Den Fr.	1992s	40.06	16.21	673(2)	21/02/79	21/02/95	\$ 200.00
6 Claims		270.31	109.39				

MINERAL TITLE - CANADANICKEL PLATE

Province : B.C.
 Mining Division: Osoyoos
 NTS : 82E/5W, 92H/8E
 Property : Nickel Plate
 Land District : Similkameen Division of Yale District
 Location : 4 km NE of Hedley
 34 km WSW of Penticton

Date Revised: Oct 15/86

Prepared by : EA/

Page 6 of 7

Operator: Mascot

D. LOCATED MINERAL CLAIMS

CLAIM	LOT NO.	UNITS	RECORD NO.	RECORD DATE	EXPIRY DATE	WORK REQUIRED
Mali 10 Fr.	466s	1	20475M	18/09/67	18/09/95	\$ 200.00
Mali 21	512s	1	20479M	18/09/67	18/09/95	\$ 200.00
Mali 22	532s	1	20480M	18/09/67	18/09/95	\$ 200.00
NP 1		14	2149(12)	19/12/84	19/12/95	\$2,800.00
NP 2		12	2150(12)	19/12/84	19/12/95	\$2,400.00
NP 3		4	2151(12)	19/12/84	19/12/95	\$ 800.00
R 8 Fr.	2746s	1	1737(4)	18/04/83	18/04/87	\$ 200.00
R 9 Fr.	2747s	1	1736(4)	18/04/83	18/04/87	\$ 200.00
R15 Fr.	2743s	1	1773(6)	10/06/83	10/06/94	\$ 200.00
R16 Fr.	2744s	1	1774(6)	10/06/83	10/06/94	\$ 200.00
R17 Fr.	2745s	1	1775(6)	10/06/83	10/06/94	\$ 200.00
11 Claims		38				

MINERAL TITLE - CANADA

NICKEL PLATE

Province : B.C.
Mining Division: Osoyoos
NTS : 82E/5W, 92H/8E
Property : Nickel Plate
Land District : Similkameen Division of Yale District
Location : 4 km NE of Hedley
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Date Revised: Oct 15/86

Prepared by : EA/

Page 7 of 7

Operator: Mascot

E. LEASED CROWN-GRANTED MINERAL CLAIMS

LOT NO.	NAME	ACRES	HECTARES	CERTIFICATE OF TITLE (MINERALS)	UNDERSURFACE CHARGE NUMBER
<u>100% Interest</u>					
258s	Sparr Dyke	51.65	20.90		
495s	Columbia Fr.	41.70	16.88		
496s	Valentine	47.38	19.17		
<u>50% Interest</u>					
2463	Two Brothers	46.28	18.73		
	4 claims	187.01	75.68		

SECTION F LABORATORY RESULTS



ENVIRONMENTAL TESTING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700
Telex: 048-8393

September 3, 1986

CERTIFICATE OF ANALYSIS ETK 86-171

CLIENT: Mascot Gold Mines Ltd.
Nickel Plate Mine
Ste. 1440 - 800 W. Pender Street
VANCOUVER, B. C.
V6C 2V6

ATTENTION: Mr. Ron Simpson, Project Geologist

RE: P. O. No. 3310 - Part 2

SAMPLE IDENTIFICATION: 28 drill cutting samples received August 23, 1986


<u>ET#</u>	<u>Description</u>	<u>Au (oz/T)</u>
171-1	G86-31 15-30	0.003
2	30-40	0.002
3	40-50	0.004
4	50-60	0.003
5	60-70	0.005
171-6	G86-31 70-80	0.005
7	80-90	0.002
8	90-100	0.004
9	100-110	0.005
10	110-120	0.002
171-11	G86-31 120-130	0.002
12	130-140	0.004
13	140-150	0.003
14	150-160	0.005
15	160-170	0.003
171-16	G86-31 170-180	0.004
17	180-190	0.003
18	190-200	0.002
19	200-210	0.003
20	210-220	0.002

Thomas J. Fletcher, Chief Assayer

Mascot Gold Mines Ltd.

September 3, 1986

<u>ET#</u>	<u>Description</u>	<u>Au (oz/T)</u>
171-21	G86-31 220-230	0.003
22	230-240	0.005
23	240-250	0.004
24	250-260	0.003
25	260-270	0.003
171-26	G86-31 270-280	0.005
27	280-290	0.001
28	290-300	0.001


ECO-TECH LABORATORIES LTD.
Thomas J. Fletcher, B.Sc.
Chief Assayer

TJF/mil

cc: Nickel Plate Mine
Penticton, B. C.

Page 2 of 2

Eco-Tech LABORATORIES LTD.



September 3, 1986

CERTIFICATE OF ANALYSIS ETK 86-165

CLIENT: Mascot Gold Mines Ltd.
 Nickel Plate Mine
 Ste. 1440 - 800 W. Pender Street
 VANCOUVER, B. C.
 V6C 2V6

ATTENTION: Mr. Ron Simpson, Project Geologist

RE: P. O. No. 3310 - Part 2

SAMPLE IDENTIFICATION: 29 drill cutting samples received August 19, 1986


<u>ET#</u>	<u>Description</u>	<u>Au (oz/T)</u>
165-1	G86-32 15-20	0.003
2	20-30	0.003
3	30-40	0.004
4	40-50	0.003
5	50-60	0.005
165-6	G86-32 60-70	0.002
7	70-80	0.004
8	80-90	0.003
9	90-100	0.003
10	100-110	0.004
165-11	G86-32 110-120	0.002
12	120-130	0.004
13	130-140	0.003
14	140-150	0.003
15	150-160	0.001
165-16	G86-32 160-170	0.001
17	170-180	0.002
18	180-190	0.001
19	190-200	0.003
20	200-210	0.002

Thomas J. Fletcher, Chief Assayer

Mascot Gold Mines Ltd.

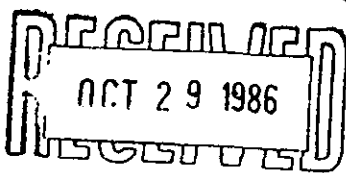
September 3, 1986

<u>ET#</u>	<u>Description</u>	<u>Au (oz/T)</u>
165-21	G86-32 210-220	0.002
22	220-230	0.003
23	230-240	0.002
24	240-250	0.003
25	250-260	0.002
165-26	G86-32 260-270	0.003
27	270-280	0.003
28	280-290	0.002
29	290-300	0.003


ECO-TECH LABORATORIES LTD.
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Chief Assayer

TJF/mil

cc: Nickel Plate Mine
Penticton, B. C.



ENVIRONMENTAL TESTING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ASSAYING

10041 E. Trans Canada Hwy. R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700
Telex: 048-8393

September 5, 1986

CERTIFICATE OF ANALYSIS ETK 86-184

CLIENT: Mascot Gold Mines Ltd.
Nickel Plate Mine
Ste. 1440 - 800 W. Pender Street
VANCOUVER, B. C.
V6C 2V6

ATTENTION: Mr. Ron Simpson, Project Geologist

RE: P. O. No. 3310 - Part 3

SAMPLE IDENTIFICATION: 86 drill cutting samples received August 25, 1986

<u>ET#</u>	<u>Description</u>	<u>Au (oz/T)</u>
184-1	G86-33 20-30	0.001
2	30-40	0.002
3	40-50	0.001
4	50-60	0.001
5	60-70	0.002
184-6	G86-33 70-80	0.001
7	80-90	0.002
8	90-100	0.001
9	100-110	0.001
10	110-120	0.001
184-11	G86-33 120-130	0.001
12	130-140	0.002
13	140-150	0.003
14	150-160	0.002
15	160-170	0.001
184-16	G86-33 170-180	0.001
17	180-190	0.001
18	190-200	0.002
19	200-210	0.001
20	210-220	0.002

<u>ET#</u>	<u>Description</u>	<u>Au (oz/T)</u>
184-21	G86-33 220-230	0.003
22	230-240	0.001
23	240-250	0.001
24	250-260	0.002
25	260-270	0.001
184-26	G86-33 270-280	0.001
27	280-290	0.002
28	290-300	0.001
29	G86-34 5-20	0.002
30	20-30	0.002
184-31	G86-34 30-40	0.003
32	40-50	0.004
33	59-60	0.001
34	60-70	0.003
35	70-80	0.001
184-36	G86-34 80-90	0.001
37	90-100	0.001
38	100-110	0.002
39	110-120	0.001
40	120-130	0.003
184-41	G86-34 130-140	0.003
42	140-150	0.002
43	150-160	0.001
44	160-170	0.002
45	170-180	0.001
184-46	G86-34 180-190	0.002
47	190-200	0.004
48	200-210	0.003
49	210-220	0.001
50	220-230	0.001
184-51	G86-34 230-240	0.001
52	240-250	0.001
53	250-260	0.001
54	260-270	0.001
55	270-280	0.001

<u>ET#</u>	<u>Description</u>	<u>Au (oz/T)</u>
184-56	G86-34 280-290	0.001
57	290-300	0.001
58	G86-35 10-20	0.002
59	20-30	0.001
60	30-40	0.001
184-61	G86-35 40-50	0.001
62	50-60	0.001
63	60-70	0.002
64	70-80	0.002
65	80-90	0.002
184-66	G86-35 90-100	0.001
67	100-110	0.001
68	110-120	0.001
69	120-130	0.001
70	130-140	0.001
184-71	G86-35 140-150	0.002
72	150-160	0.001
73	160-170	0.002
74	170-180	0.001
75	180-190	0.002
184-76	G86-35 190-200	0.001
77	200-210	0.002
78	210-220	0.001
79	220-230	0.001
80	230-240	0.001
184-81	G86-35 240-250	0.001
82	250-260	0.001
83	260-270	0.001
84	270-280	0.002
85	280-290	0.002
184-86	G86-35 290-300	0.001

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Chief Assayer

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Penticton, B. C.

Page 3 of 3



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Telex: 048-8393

September 5, 1986

CERTIFICATE OF ANALYSIS ETK 86-188

CLIENT: Mascot Gold Mines Ltd.
Nickel Plate Mine
Ste. 1440 - 800 W. Pender Street
VANCOUVER, B. C.
V6C 2V6

ATTENTION: Mr. Ron Simpson, Project Geologist

RE: P. O. No. 3310 - Part 4 (assumed - no packing slip received)

SAMPLE IDENTIFICATION: 29 drill cutting samples received August 28, 1986

<u>ET#</u>	<u>Description</u>	<u>Au (oz/T)</u>
188-1	G86-36 10-20	0.001
2	20-30	0.001
3	30-40	0.001
4	40-50	0.003
5	50-60	0.001
188-6	G86-36 60-70	0.002
7	70-80	0.002
8	80-90	0.001
9	90-100	0.003
10	100-110	0.002
188-11	G86-36 110-120	0.001
12	120-130	0.002
13	130-140	0.002
14	140-150	0.001
15	150-160	0.001
188-16	G86-36 160-170	0.003
17	170-180	0.002
18	180-190	0.002
19	190-200	0.002
20	200-210	0.002

Mascot Gold Mines Ltd.

September 5, 1986

<u>ET#</u>	<u>Description</u>	<u>Au (oz/T)</u>
188-21	G86-36 210-220	0.003
22	220-230	0.002
23	230-240	0.003
24	240-250	0.003
25	250-260	0.001
188-26	G86-36 260-270	0.004
27	270-280	0.003
28	280-290	0.004
29	290-300	0.003

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Thomas J. Fletcher, B.Sc.
Chief Assayer

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Telex: 048-8393

September 15, 1986

CERTIFICATE OF ANALYSIS ETK 86-208

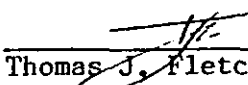
CLIENT: Mascot Gold Mines Ltd.
Nickel Plate Mine
Ste. 1440 - 800 W. Pender Street
VANCOUVER, B. C.
V6C 2V6

ATTENTION: Mr. Ron Simpson, Project Geologist

RE: P. O. No. 3310 - Part 5

SAMPLE IDENTIFICATION: 27 drill cutting samples received September 5, 1986


<u>ET#</u>	<u>Description</u>	<u>Au (oz/T)</u>
208-1	G86-37 20-30	0.008
2	30-40	0.006
3	40-50	0.009
4	50-60	0.006
5	60-70	0.006
208-6	G86-37 70-80	0.006
7	80-90	0.004
8	90-100	0.006
9	100-110	0.005
10	110-120	0.006
208-11	G86-37 120-130	0.004
12	130-140	0.002
13	140-150	0.007
14	150-160	0.005
15	160-170	0.002
208-16	G86-37 170-180	0.060
17	180-190	0.005
18	190-200	0.003
19	200-210	0.004
20	210-220	0.004


Thomas J. Fletcher, Chief Assayer

Mascot Gold Mines Ltd.

September 15, 1986

<u>ET#</u>	<u>Description</u>	<u>Au (oz/T)</u>
208-21	G86-37 220-230	0.006
22	230-240	0.005
23	240-250	0.008
24	250-260	0.008
25	260-270	0.008
208-26	G86-37 270-280	0.008
27	280-285	0.004


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Page 2 of 2



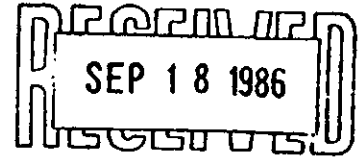
ENVIRONMENTAL TESTING
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ASSAYING

10041 E. Trans Canada Hwy. R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700
Telex: 048-8393

September 11, 1986

CERTIFICATE OF ANALYSIS ETK 86-204

CLIENT: Mascot Gold Mines Ltd.
Nickel Plate Mine
Ste. 1440 - 800 W. Pender Street
VANCOUVER, B. C.
V6C 2V6

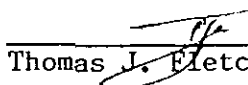


ATTENTION: Mr. Ron Simpson, Project Geologist

RE: P. O. No. 3310 - Part 4

SAMPLE IDENTIFICATION: 29 drill cutting samples received September 4, 1986

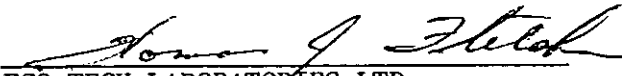
<u>ET#</u>	<u>Description</u>	<u>Au (oz/T)</u>
204-1	G86-38 5-20	0.105
2	20-30	0.048
3	30-40	0.013
4	40-50	0.005
5	50-60	0.009
204-6	G86-38 60-70	0.001
7	70-80	0.002
8	80-90	0.001
9	90-100	0.003
10	100-110	0.001
204-11	G86-38 110-120	0.001
12	120-130	0.001
13	130-140	0.001
14	140-150	0.001
15	150-160	0.003
204-16	G86-38 160-170	0.006
17	170-180	0.002
18	180-190	0.002
19	190-200	0.003
20	200-210	0.005


Thomas J. Fletcher, Chief Assayer

Mascot Gold Mines Ltd.

September 11, 1986

<u>ET#</u>	<u>Description</u>	<u>Au (oz/T)</u>
204-21	G86-38 210-220	0.002
22	220-230	0.001
23	230-240	0.001
24	240-250	0.003
25	250-260	0.001
204-26	G86-38 260-270	0.001
27	270-280	0.002
28	280-290	0.003
29	290-300	0.005


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Thomas J. Fletcher, B.Sc.
Chief Assayer

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cc: Nickel Plate Mine
Penticton, B. C.

Page 2 of 2

SECTION G DRILL HOLE LOGS

DIAMOND DRILL HOLE RECORD

MASCOT GOLD MINES LIMITED

Property _____

Level	Lat. 588.08 N	Hole No. G86-31	Dip Tests
Location BULLDOG MC.	Dep. 3738.13 W	Sheet No. 1	
Date Started Aug 15 /86	Elev. 5400.62	Core Size ROT	
Date Finished Aug 16	Bearing	Logged by R. Simpson	
Depth 300'	Slope -20°		

FOOTAGE		DESCRIPTIONS	CORE ASSAYS						RECOVERY		
FROM	TO		NO.	FROM	TO	FEET	Ag	AL	%	RUN	SHORT
0	15	Overburden									
15	307	LIMY ARGILLITE / IMPURE LIMESTONE									
		DK gray to charcoal, fine gr. limy		15	30	15	.003				
		argillite. Some dk gray-green interbeds		30	40	10	.002				
		of skarn locally (190-200)		40	50	10	.004				
		-Minor disc PO-PY locally		50	60		.003				
				60	70		.005				
				70	80		.005				
				80	90		.002				
				90	100		.004				
				100	110		.005				
				110	120		.002				
				120	130		.002				
				130	140		.004				
		230-240 v. black, graphitic limy org.		140	150		.003				
				150	160		.005				
				160	170		.003				
				170	180		.004				
				180	190		.003				
				190	200		.002				
				200	210		.003				
				210	220		.002				
				220	230		.003				
				230	240		.005				
				240	250		.004				
				250	260		.003				
				260	270		.003				
				270	280		.005				
				280	290		.001				
				290	300		.001				

1 ft = 0.305 m

DIAMOND DRILL HOLE RECORD

MASCOT GOLD MINES LIMITED

Property _____

Level	Lat. 374.67 N	Hole No. 686-32	Dip Tests
Location BULLDOG MC.	Dep. 4228.97 W	Sheet No. 1	
Date Started Aug 17/86	Elev. 5357.49	Core Size ROT. CUTS	
Date Finished Aug 17	Bearing	Logged by R. Simpson	
Depth 300	Slope -90		

FOOTAGE		DESCRIPTIONS	CORE ASSAYS						RECOVERY	
FROM	TO		NO.	FROM	TO	FEET	Ave	%	RUN	SHORT
0	15	OVBD								
15	300	LIMY ARGILLITE								
		Gray to charcoal, fine gr. limy argillite								
		80 - Few dk. green sharn interbeds								
		240-260 Fault zone - Hc on fracture								
		1 ft = 0.305 m								
			15	20	5		.003			
			20	30	10		.003			
			30	40			.004			
				50			.003			
				60			.005			
				70			.002			
				80			.004			
				90			.003			
				100			.003			
				110			.004			
				120			.002			
				130			.004			
				140			.003			
				150			.003			
				160			.001			
				170			.001			
				180			.002			
				190			.001			
				200			.003			
				210			.002			
				220			.002			
				230			.003			
				240			.002			
				250			.003			
				260			.002			
				270			.003			
				280			.003			
				290			.002			
				300			.003			

1 ft = 0.305 m

DIAMOND DRILL HOLE RECORD

MASCOT GOLD MINES LIMITED

Property _____

Level	BULLDOG	Lat. 636.81 N	Hole No. G86-34	Dip Tests
Location	BULLDOG	Dep. 4334.08	Sheet No. 1	
Date Started	Aug 19/86	Elev. 5449.49	Core Size ROT	
Date Finished	Aug 19	Bearing	Logged by R.G.S.	
Depth	300	Slope -90°		

FOOTAGE		DESCRIPTIONS	NO.	FROM	TO	FEET	CORE ASSAYS		RECOVERY	
FROM	TO						Ag%	%	RUN	SHORT
0	5	OVB				20				
5	55	LIMY ARGILLITE				20				
		Dr. gray to black, graphitic				40				
						50				
						60				
						70				
						80				
55	80	ALTERED DIORITE SILL?				80				
		Pale green, weakly calcareous		5	20	10	<0.05			
80	100	PYROXENE SKARN		20	30	"				
		Dark green, non-calcareous		30	40	"				
				40	50					
				50	60					
				60	70					
100	140	ALTERED LIMY ARGILLITE		70	80					
		Black - recrystallized, highly calcareous		80	90					
		25% bright yellow-green mineral - prob. EP (veinlets?)		90	100					
				100	110					
				110	120					
				120	130					
140	150	As above w/ px sheen interbed(s)		130	140					
				140	150					
150	160	ALTERED LIMY ARGILLITE		150	160					
				160	170					
160	170	CALCIC PX SKARN		170	180					
				180	190					
170	230	LIMY ARG - minor PX skarn int/beds		190	200					
				200	210					
230	270	LIMY ARG - FAULT/FRACT. ZONE		210	220					
		- lim fract. coatings		220	230					
				230	240					
270	280	DIORITE SILL - altered dk green (ex?)		240	250					
				250	260					
280	290	LIMY ARG - LIM fragments + fract coatings		260	270					
				270	280					
290	300	LIMY ARG - minor PX skarn int/beds		280	290					
				290	300					

1 ft = 0.305 m

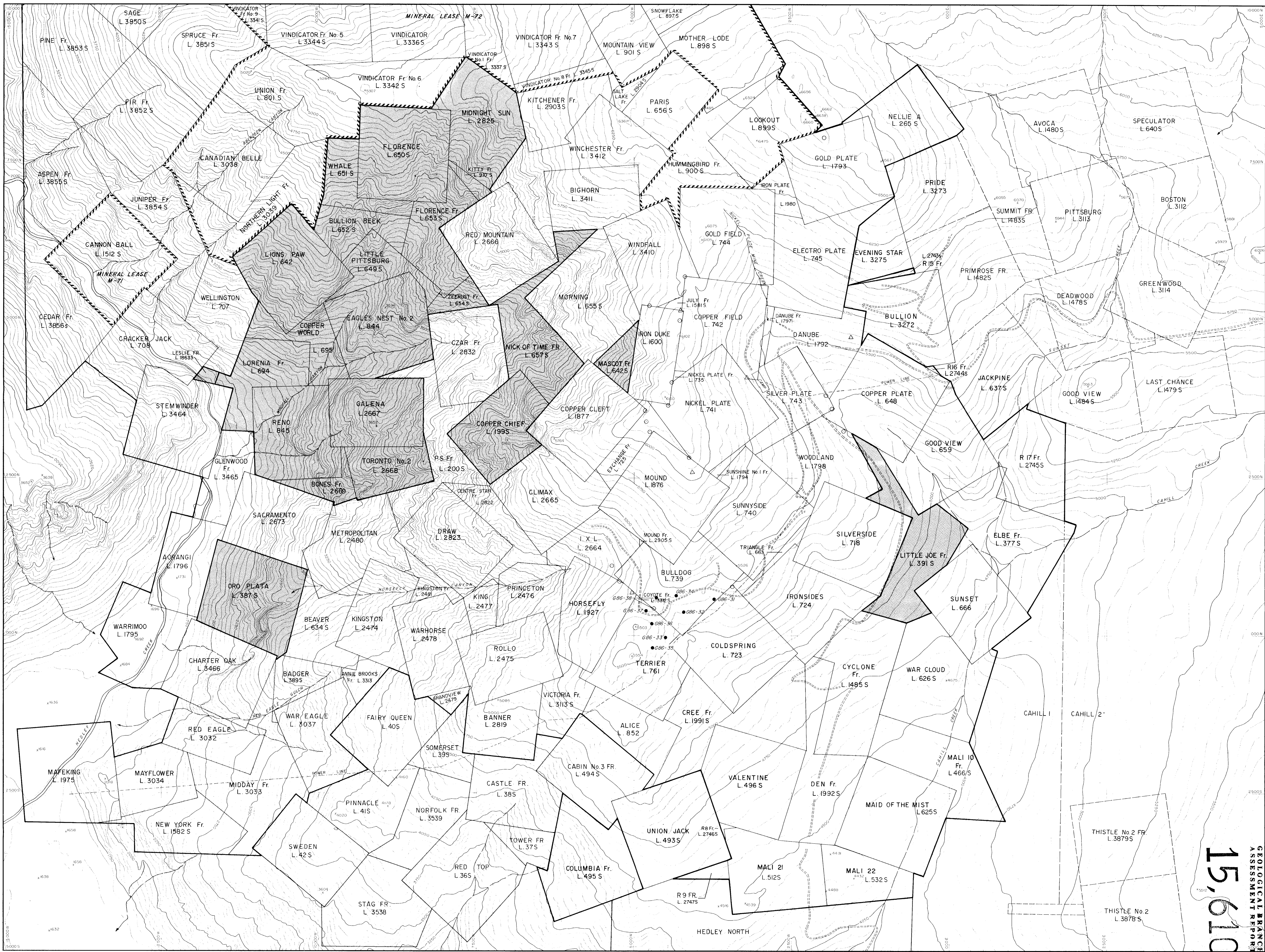
DIAMOND DRILL HOLE RECORD

MASCOT GOLD MINES LIMITED

Property _____

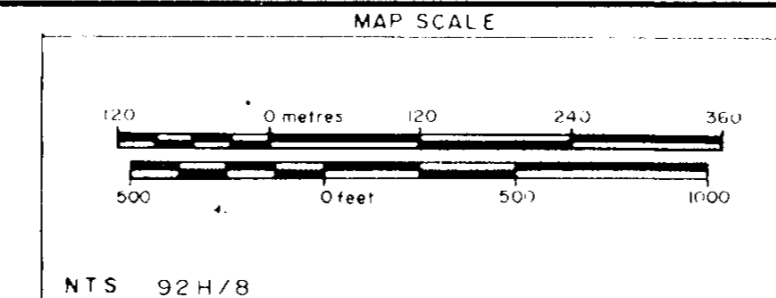
Level	Lat.	Hole No. 686-38	Dip Tests
Location	Dep.	Sheet No. 2/2	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE		DESCRIPTIONS	CORE ASSAYS							RECOVERY	
FROM	TO		NO.	FROM	TO	FEET	ANOM	%	RUN	SHORT	
		150-170 Pale gray, siliceous interbedded common (5% limonitic fragments 150-160)		150	160	10	.003				
		170-180 Paler gray Calc + SILICA SKARN		160	170		.006				
		180-240 INTERBEDDED CALC + CALC-PX SKARN		170	180		.002				
		Pale gray calc = silica skarn w/ Calcic px skarn interbeds. Pp fract fillings locally.		180	190		.002				
		200-240 Dark gray Ca-skarn predominate		190	200		.003				
		240-250 Calcic PX SKARN		200	210		.005				
		Gray green w/ minor Ca-Si skarn interbeds. PY-CL fract coatings Piss Pp found common		210	220		.002				
		250-260 PK skarn Dark green, slightly calcareous minor diss Pp		220	230		.001				
		260-280 INT/BEDDED CA-PX SKARN & altered LIMY ARGILLITE - Amt of skarn decreasing, mainly gray to black limy sediments.		230	240		.001				
		280-290 LIMY ARGILLITE w/ pale gray calcic interbeds		240	250		.003				
		290-300 ALTERED PPY SILC Bleached non white, calcareous andeskarn		250	260		.001				
				260	270		.001				
				270	280		.002				
				280	290		.003				
				290	300		.005				



15,610
 GEOLOGICAL BRANCH
 ASSESSMENT REPORT

- MASCOT MINERAL CLAIM BOUNDARY
- MINERAL CLAIMS - OTHERS
- MASCOT MINERAL LEASE BOUNDARY



NO.	DATE	BY	FOR
1	Aug 85	AK	PRELIMINARY CLAIMS
2	Aug 85	AK	ADDITIONAL CLAIMS - BOUNDARY
3	Aug 85	AK	ADDITIONAL CLAIMS - BOUNDARY
DATE	DRAWN BY	CHECKED	APPROVED
MAY/1985	m.k.	B.K.	

Mascot Gold Mines Limited

NICKEL PLATE PROJECT			
CLAIM & DRILL HOLE LOCATION PLAN			
MAP INDEX NUMBER	SCALE	DEPARTMENT	OFFICE
	1" = 500'		
			DRAWING NUMBER
			2