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**Assessment Report
On the
Ground Magnetometer Survey,
BOG Mineral Claims
(Tenure Nos. 399952, 399953, 399954 & 399955)
Upper Quinsam Lake Area
Nanaimo Mining Division**

**N.T.S. Map 092F13E
UTM Co-Ord. Zone 10; E.319957, N. 5527643
Latitude 49 deg. 52 min. 27 sec.
Longitude 125 deg. 30 min. 21 sec.**

By: Stephen L. Gardner, P. Geo.

Hillsborough Resources Ltd.
P. O. Box 5000
Campbell River, B. C.
V9W-5C5

**GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT**

27,413

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APPENDICES

Map 1.	Ground Magnetometer Survey Work (Scale 1 : 2,000)
Appendix I . -	Ground Station Values (Gammas)
Appendix II. -	Certificate of Analysis (Grab Sample)

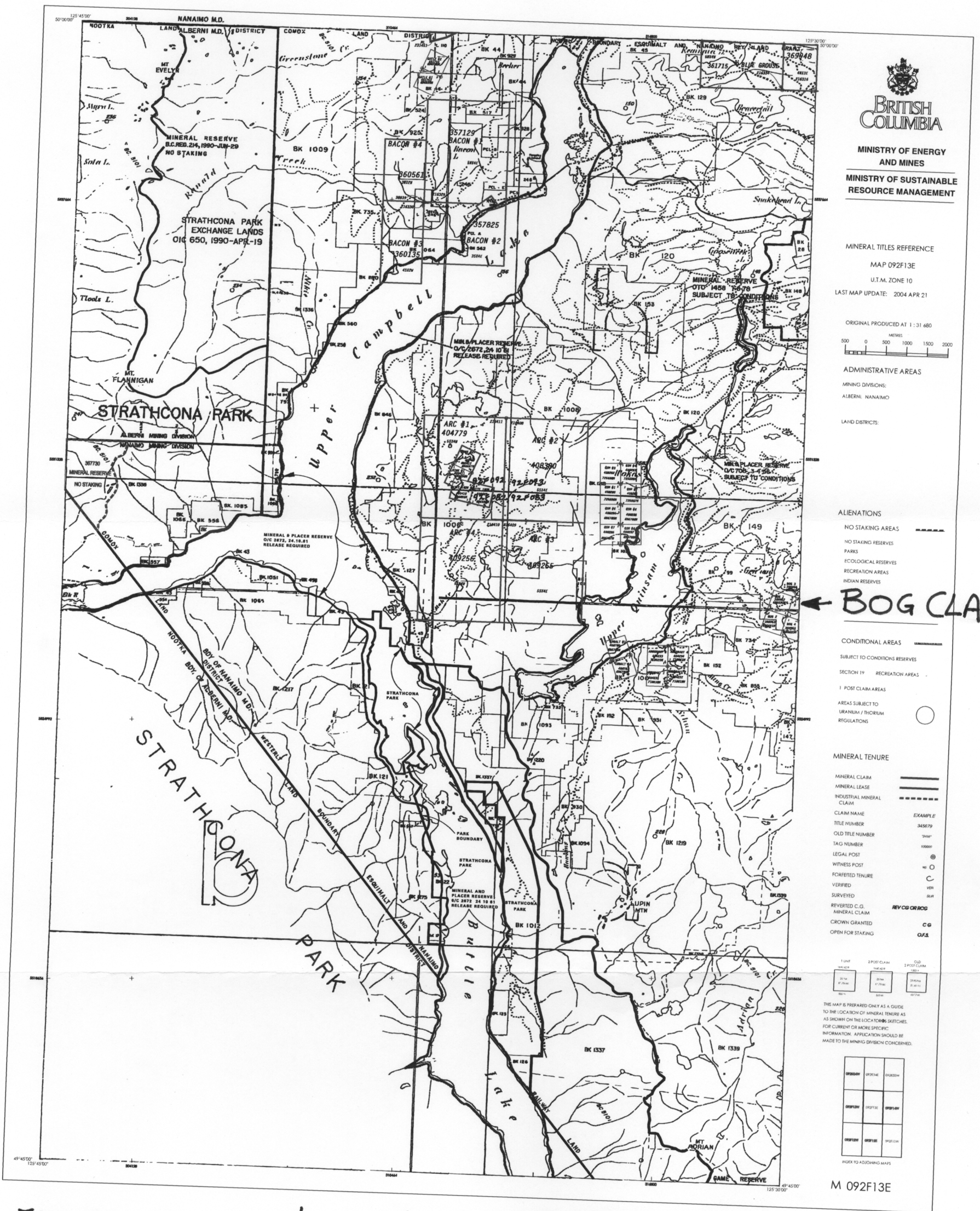


FIGURE 1. : Location of BOG Claims .

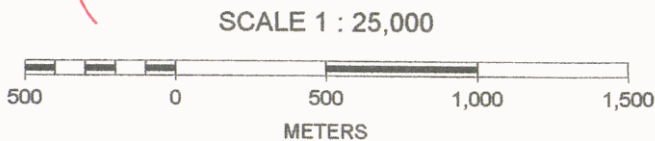
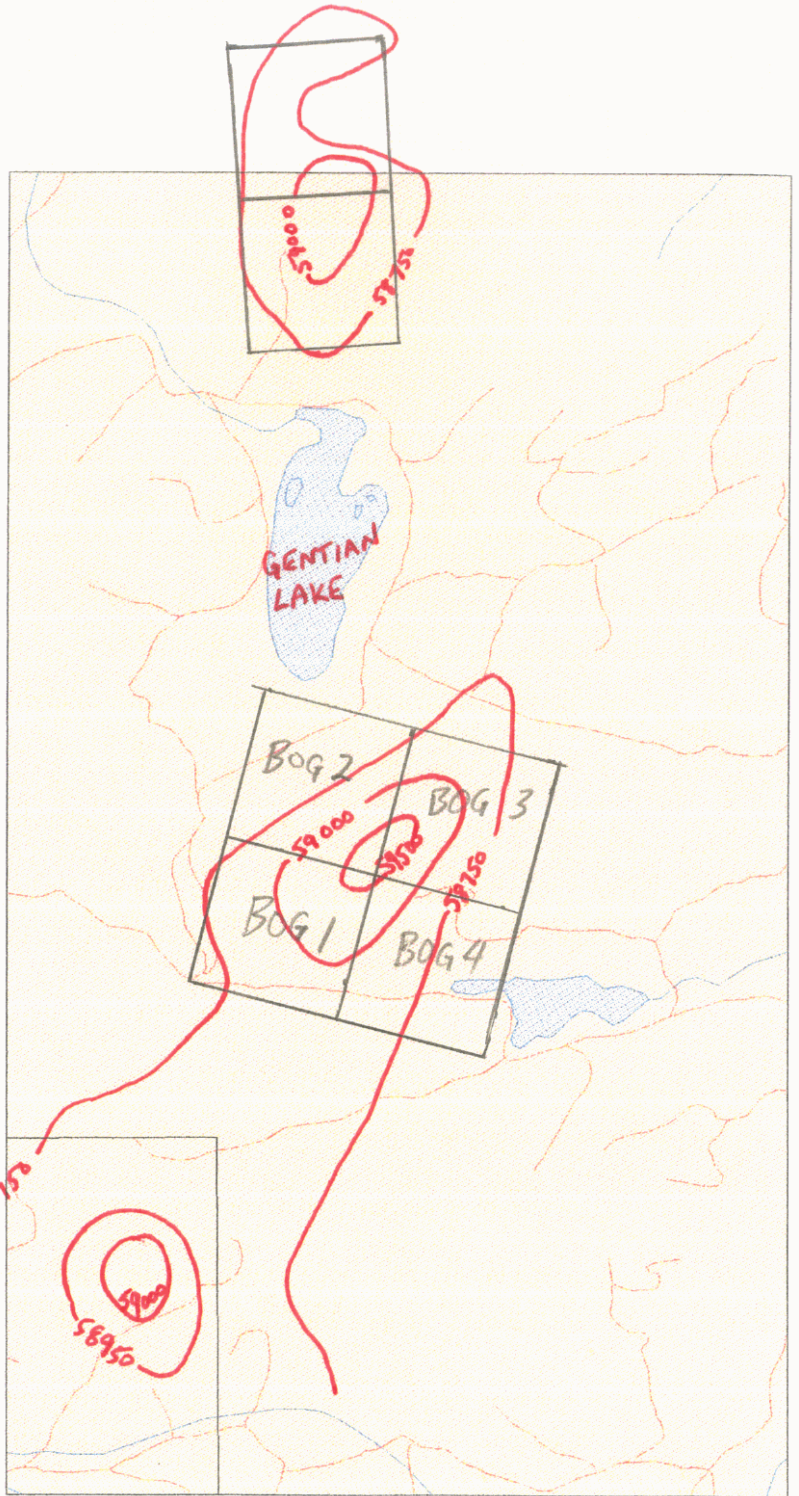
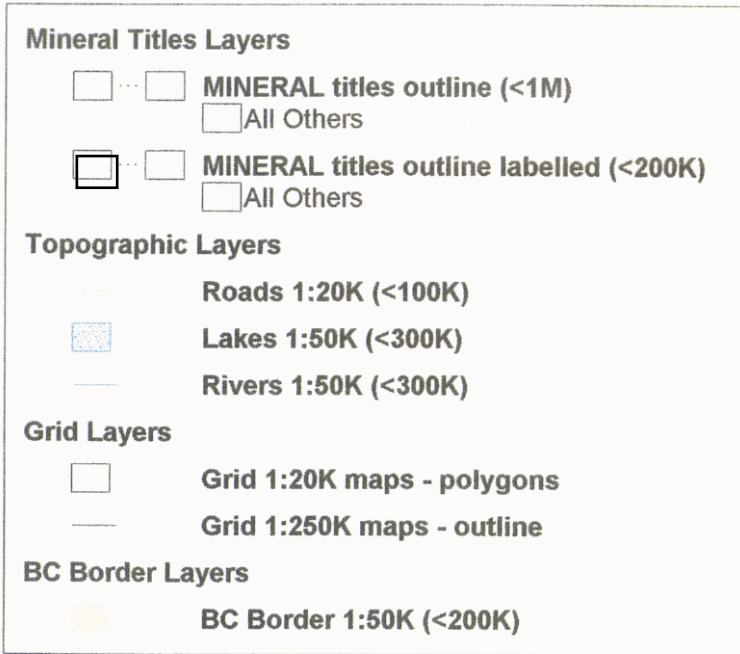
Location and Access

The Bog claim group consists of 4 two post mineral claim units staked by Hillsborough Resources Ltd. in February, 2003. The claims are located approximately 500 metres south of Gentian Lake, a small lake located about 2 km due east of Upper Quinsam Lake, in the Comox Land District. The UTM co-ordinates of the center of the claim group is Zone 10, Easting 319957, Northing 5527643. The claim group covers a topographic high with a maximum elevation of approximately 560 metres A. S. L. and relief of about 120 metres. The BOG claims are approximately 3 kilometres north east of the Argonaut Mine, a magnetite iron ore deposit mined in the mid to late 1950's.

The claim group is accessed by driving 20 km west of Campbell River on Highway 28 (Gold River Highway), then turning south on the Argonaut Main Industrial Logging Road. This is also the turn-off to access the Quinsam Coal Mine (located approximately 8 km NNE of the claim group). On the Argonaut Main, proceed southwest for approximately 18 km to the ARG 2200 logging spur road. Turn left (south-east) on to ARG 2200 and proceed for 1.5 km. Take the first left spur road and drive north for approximately 600 metres. The BOG claims are approximately 200 metres east of this road. A grown-in logging road accesses the west boundary of the claims. The ARG 2200 spur also accesses the southern portion of the BOG 1 and BOG 4 claims.

Figure 1 illustrates the location of the BOG 1 – 4 claims.







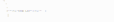


Mineral Titles Map



Airborne Magnetometer Values in Red (1976 Data)
Upper Quinsam Lake Area

FIGURE 2.

BC Geology Map Index

- Mineral Titles Layers**
-  Mineral titles outline (<1M)
 -  All Others
- Topographic Layers**
-  Roads 1:250K (<2M)
 -  Lakes 1:50K (<300K)
 -  Rivers 1:50K (<300K)
- Grid Layers**
-  Grid 1:250K maps - outline
 -  UTM Grid Lines (<1M)
- Raster Layers**
-  Aeromag (<300K)
- BC Border Layers**
-  BC Border 1:50K (<200K)

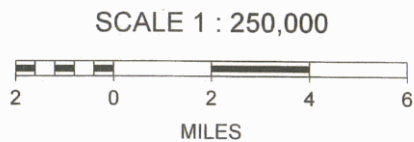
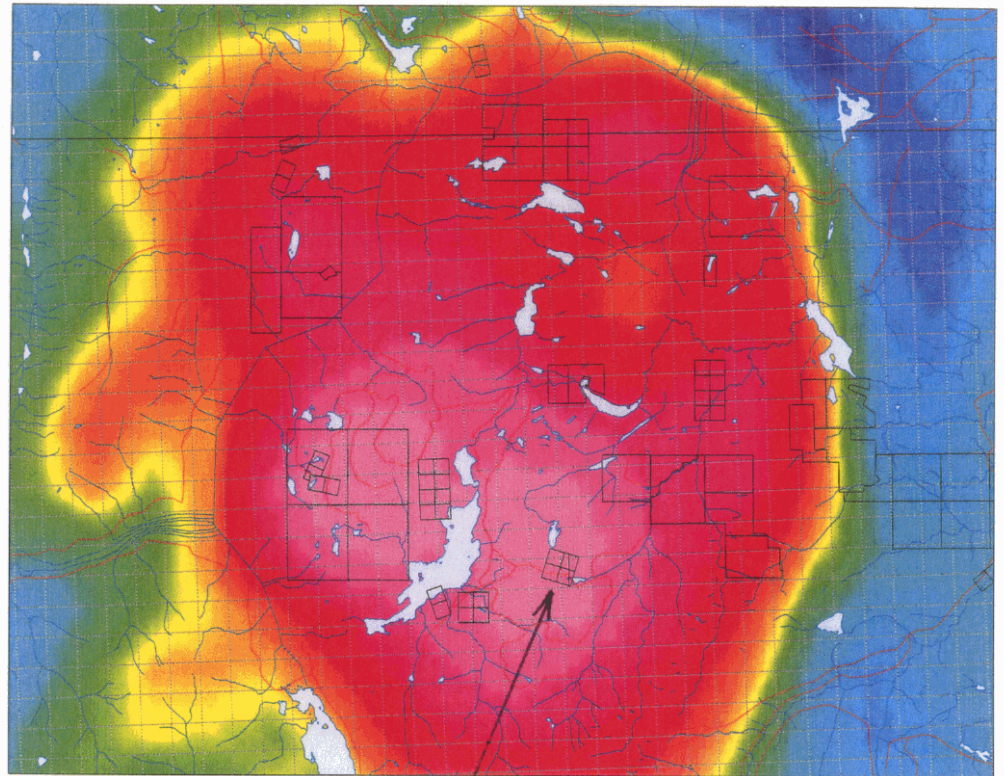





FIGURE 3. Regional Aeromagnetic Data

BCGS Geology

Mineral Titles Layers

-  Mineral titles labelled (<200K)
-  All Others

















Topographic Layers

-  Roads 1:20K undefined
-  Lakes 1:50K (<300K)

Grid Layers

-  Grid 1:250K maps - outline
-  UTM Grid Lines (<1M)
-  UTM Grid Labels (<100K)

BCGS Geology Layers

-   **Volcanic rocks by era (<4M)**
 -  Cenozoic volcanic rocks
 -  Mesozoic volcanic rocks
 -  Paleozoic volcanic rocks
 -  Proterozoic volcanic rocks
 - Unknown
-   **Intrusive rocks by era (<4M)**
 -  Cenozoic Intrusives
 -  Mesozoic Intrusives
 -  Paleozoic Intrusives
 -  Proterozoic Intrusives
 - Age unknown
-   **Layered rocks by era (<4M)**
 -  Cenozoic Rocks
 -  Mesozoic Rocks



SCALE 1 : 50,000

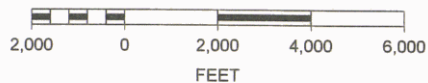


FIGURE 4. - Regional Geology, Gentic Lake Area
(Courtesy, B.C. Geological Survey)

Regional Geology

The BOG claim group covers a topographic high of Lower Jurassic Bonanza Group calc-alkaline volcanic rocks. The extreme southern part of the claims covers an area of Early to Middle Jurassic granodiorite rocks. The general strike trend of the rocks is west-south-west to east-north-east. Outliers of Quatsino Fm limestones are found to the south-west of the BOG claims in the vicinity of the Argonaut Mine, where skarn mineralization has emplaced magnetite ore bodies along the limestone contact.

Previous Work

There has been no documented previous work on the claim group. The area was the subject of an aeromagnetic survey conducted by Luscar Ltd. in 1976. This survey was done by Aquaterra Consultants Ltd.

The results of the aeromag survey indicated that a magnetic anomaly exists over the area of the BOG claims which is similar in intensity to the old Argonaut Mine Area. This indicated the possibility of magnetite occurrences on the BOG claim group.

Figure 2 illustrates the magnetic contours in gammas for the BOG Claim Group and for the Argonaut Mine, 3 kilometres to the southwest.

Figure 3 illustrates the total magnetic intensity of regional aeromagnetic data available from the B. C. Government website (the Map Place).

Figure 4 illustrates the regional geology of the Gentian Lake area (courtesy, B. C. Geological Survey).

Present Work

No mechanical work was done on the claim block during the 2003 year. No trees were cut or other disturbance was done, other than hand-slashing of the internal claim boundary lines.

The hand-slashed internal claim boundary lines for the BOG claims were used as reference lines for 2 km of ground magnetometer survey. A Scintrex OMNI IV backpack magnetometer and Scintrex OMNI Plus base station was rented from Tom Hasek and Associates of Burnaby, B. C. for the ground magnetometer survey.

Two straight magnetometer lines of 1 km each were run along the east-west internal claim line and the north-south internal claim line, which delineates the BOG 1, 2, 3 and BOG 4 claim units.

The magnetometer survey was run on June 14, 2003. The mag stations were controlled with the use of a hip chain and were spaced on 10 metre intervals. The base station was set up near the road to the southwest of the claims.

Map 1 (in pocket) illustrates the relative magnetic intensity (in gammas) for each station.

Appendix I contains the downloaded values for each station. The survey on the BOG claims was started at 10:12 A.M. (see Line 20, Position 20 in Appendix I). The corrected values (as per Base Station diurnal variation) are hand written on the right hand side of the page. The survey was completed at 13:09:15 on June 14.

The only significant base station corrections occurred at 11:19 A.M. when it must be assumed that a vehicle passed close to the base station, or a magnetic storm event occurred at that time. Base station corrections for the time period 11:19:04 through to 11:21:12 A.M. were not applied to the remote station values due to the base station anomaly.

An anomalous area of higher magnetic intensity was identified. This area is shown on Map 1.

One grab sample of rock from a rusty coloured outcrop approximately 200 metres SW of the I.P. for BOG 1 – 4 was taken and subjected to I.C.P. analysis. The results are included in Appendix II.

Recommendations

It is recommended that the area of the anomalous magnetic intensity be trenched and examined to determine the rock type and/or possible mineralization. Follow-up work could include additional mag survey lines spaced on 20 meter intervals across the strike to determine the continuity of the zone.

Statement of Costs

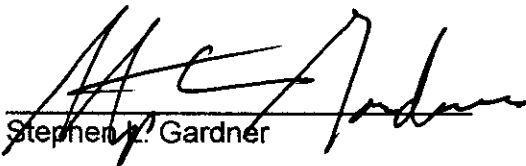
The following costs were incurred during the 2003 year on the BOG 1, 2, 3 & 4 claims:

Field labour	\$1,520.37
Vehicle Rent and Fuel	250.00
Magnetometer Rent	100.00
Miscellaneous	50.00
Lab Assay Work	63.18
TOTAL :	<u>\$ 1,983.55</u>

STATEMENT OF QUALIFICATIONS

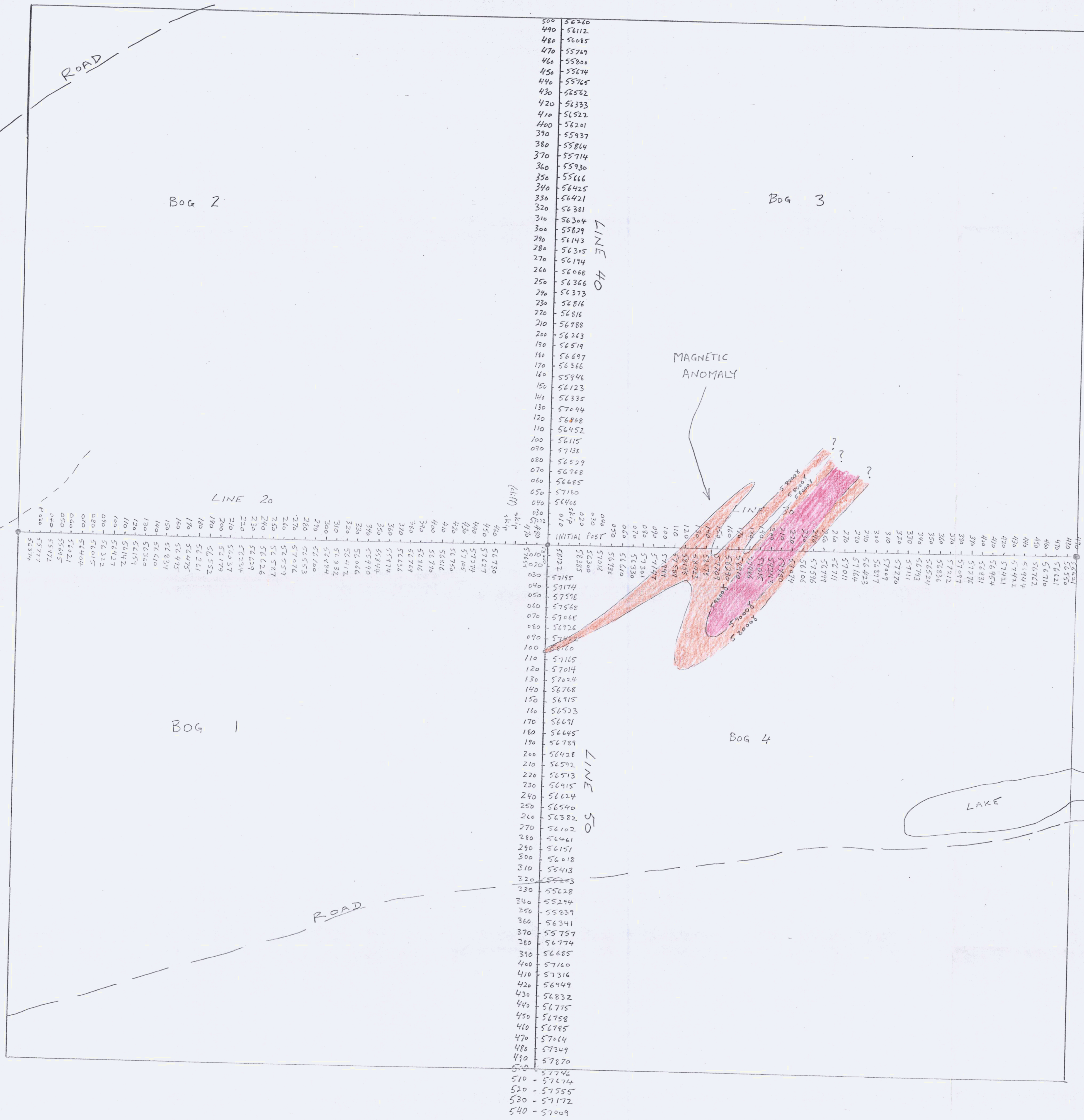
I, Stephen L. Gardner, of 208 Carnegie St., Campbell River, British Columbia, do hereby certify that:

- 1) I am a graduate of the University of Alberta (B. Sc., 1974).
- 2) I have +20 years of experience in exploration and development of industrial minerals and coal in Western Canada.
- 3) I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia.
- 4) I work for Hillsborough Resources Ltd.
- 5) I conducted the ground magnetometer survey on the BOG claims.



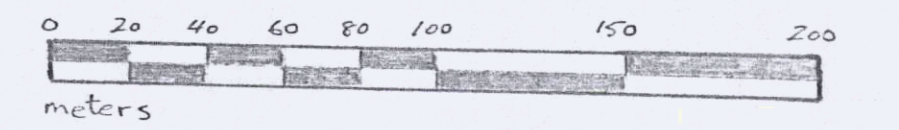
Stephen L. Gardner

APENDICES



FINAL POST
BOG 2

FINAL POST
BOG 4



HILLSBOROUGH RESOURCES LTD.
GROUND MAGNETOMETER SURVEY
BOG CLAIMS
UPPER QUINSAM LAKE AREA
MAP SCALE 1 : 2,000
STEPHEN GARDNER GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
JUNE, 2003

27,413

500	56210
490	56112
480	56015
470	55917
460	55819
450	55721
440	55623
430	55525
420	55427
410	55329
400	55231
390	55133
380	55035
370	54937
360	54839
350	54741
340	54643
330	54545
320	54447
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300	54251
290	54153
280	54055
270	53957
260	53859
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160	52879
150	52781
140	52683
130	52585
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110	52389
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130	47587
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440	45627
430	45529
420	45431
410	45333
400	45235
390	45137
380	45039
370	44941
360	44843
350	44745
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330	44549
320	44451
310	44353
300	44255
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280	44059
270	43961
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250	43765
240	43667
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200	43275
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170	42981
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140	42687
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110	42393
100	42295
090	42197
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440	40627
430	40529
420	40431
410	40333
400	40235
390	40137
380	40039
370	39941
360	39843
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260	38863
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210	38373
200	38275
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180	38079
170	37981
160	37883
150	37785
140	37687
130	37589
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030	36607
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060	31901
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440	30627
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390	30137
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010	6411
000	6313
500	6215
490	6117
480	6019
470	5921
460	5823
450	5725
440	5627
430	5529
420	

10	54563.4	.03	0.0	8:27:09	88				
20	54456.9	.03	0.0	8:32:00	88				
30	54308.6	.03	0.0	8:32:34	88				
40	54271.4	.02	0.0	8:33:05	88				
50	54064.9	.03	0.0	8:35:24	88				
60	54081.2	.03	0.0	8:36:03	88				
70	54110.5	.03	0.0	8:37:50	88				
80	54175.2	.03	0.0	8:38:38	88	65			
90	54309.8	.04	0.0	8:40:39	88				
100	54934.4	.09	0.0	8:41:47	88				
110	57564.0	.14	0.0	8:43:30	88				
120	62019.5	.63	0.0	8:45:55	48	58			

BASE STATION CORRECTION

BOG CLAIMS

-1.2
-0.8
-0.8
-1.5
+0.6
+1.0
+1.0
0.0
-0.4
-1.1
+0.1

Line 20 : Starting at
Final Post, BOG 1 & 2
Recording on 20 meter increments

Line	5	Date	14 JUN 3	#51					
POSITION	FIELD	ERR	DRIFT	TIME	DS	CULT			
10	64477.2	.76	0.0	8:47:24	48	55		-1.9	
20	58527.3	.38	0.0	8:48:48	54	66		-1.7	
30	54780.1	.25	0.0	8:49:08	66	55		-1.7	
40	54215.1	.16	0.0	8:49:28	78			-1.7	
50	53815.3	.24	0.0	8:49:50	88			-1.1	
60	51561.3	.72	0.0	8:50:17	88			-1.1	
70	48781.0	.60	0.0	8:51:32	55	66		-1.0	
80	48948.1	.16	0.0	8:51:55	78	55		-1.3	
90	48925.2	.11	0.0	8:52:17	88			-1.3	

Line	10	Date	14 JUN 3	#60					
POSITION	FIELD	ERR	DRIFT	TIME	DS	CULT			
10	56349.1	.07	0.0	10:08:19	86				

CORRECTED VALUES

START BOG CLAIMS

MAGNETOMETER READINGS (REMOTE STATION RDGS)



Line	20	Date	14 JUN 3	#61					
POSITION	FIELD	ERR	DRIFT	TIME	DS	CULT			
F.P. BOG 1	20	56354.0	.03	0.0	10:12:24	88	55	+20.1	56374
	30	55764.1	.03	0.0	10:13:35	88		+12.5	55777
	40	55451.2	.05	0.0	10:16:27	88		+21.0	55472
	50	55750.5	.03	0.0	10:17:08	88		-55.5	55695
	60	55989.6	.03	0.0	10:17:44	88		+31.8	56021
	70	56372.4	.03	0.0	10:18:25	88	85	+31.8	56404
	80	55999.5	.03	0.0	10:18:55	88	55	+15.0	56015
	90	56306.6	.03	0.0	10:19:23	88		+15.0	56322
	100	56443.7	.04	0.0	10:19:53	88	65	-16.7	56427
	110	56159.0	.04	0.0	10:20:30	88	55	-16.7	56142
	120	56129.7	.03	0.0	10:20:54	88		+28.8	56159
	130	56330.7	.03	0.0	10:21:25	88		+28.8	56360
	140	56615.3	.04	0.0	10:21:54	88		-5.1	56610
	150	56839.1	.03	0.0	10:22:18	88	65	-5.1	56834
	160	56500.3	.03	0.0	10:22:38	88	55	-5.1	56495
	170	56524.2	.02	0.0	10:22:59	88		-48.9	56475
	180	56310.1	.03	0.0	10:23:27	88	65	-48.9	56261
	190	56498.5	.03	0.0	10:23:57	88	55	+53.2	56552
	200	56226.6	.04	0.0	10:24:42	88		-47.9	56179
	210	56084.7	.03	0.0	10:25:06	88	85	-47.9	56037
	220	56234.3	.03	0.0	10:25:32	88	65	0.00	56234
	230	56578.9	.03	0.0	10:25:59	88		+49.7	56629
	240	56626.6	.03	0.0	10:26:30	88		0.00	56626
	250	56634.5	.03	0.0	10:26:54	88	55	-47.4	56587
	260	56559.2	.03	0.0	10:27:20	88		0.00	56559
	270	57025.0	.03	0.0	10:27:50	88		151.3	57076
	280	56553.1	.04	0.0	10:28:21	88	65	0.00	56553
	290	56151.9	.03	0.0	10:28:46	88		-52.1	56100
	300	56884.4	.03	0.0	10:29:18	88	55		56884
	310	56770.2	.02	0.0	10:29:50	88		+61.3	56832
	320	56350.5	.03	0.0	10:30:17	88		+61.3	56412
	330	56074.9	.03	0.0	10:30:49	88	65	-8.0	56066
	340	55998.3	.03	0.0	10:31:11	88		-8.0	55990

BASE STATION
CORRECTION

CORRECTED
VALUES

					JUN14REM		
350	55851.5	.03	0.0	10:31:39	88 55	-8.0	55844
360	55989.8	.03	0.0	10:32:00	88	-15.5	55974
370	56651.3	.03	0.0	10:32:24	88 65	-15.5	56636
380	56805.0	.03	0.0	10:32:46	88	-36.1	56769
390	56852.3	.02	0.0	10:33:15	88	-36.1	56816
400	56790.2	.03	0.0	10:33:38	88 55	0.0	56790
410	56748.0	.03	0.0	10:34:02	88 65	+70.0	56818
420	56750.3	.05	0.0	10:34:32	88 55	0.00	56750
430	57128.9	.07	0.0	10:34:59	88	-23.5	57105
440	57297.0	.03	0.0	10:35:36	88	-23.5	57274
450	57629.8	.04	0.0	10:36:03	88	-2.5	57627
460	56732.2	.04	0.0	10:36:31	88	-2.5	56730
470	57617.0	.03	0.0	10:39:02	88	+41.6	57659
480	57908.3	.03	0.0	10:39:28	88	+41.6	57950
I.P. Bog 344 490	58163.3	.02	0.0	10:39:59	88	+8.0	58171

Line	30	Date	14	JUN	3	#109		
POSITION	FIELD	ERR	DRIFT	TIME	DS	CULT		
I.P. Bog 344 10	58128.6	.02	0.0	10:50:19	88		-6.3	58122
20	58416.4	.22	0.0	10:54:51	78		-31.3	58385
30	56341.7	.04	0.0	10:57:19	88		-42.0	56300
40	56983.0	.02	0.0	10:58:06	88		+34.6	57018
50	56906.7	.02	0.0	10:58:40	88		+30.9	56610
60	56609.7	.02	0.0	10:59:24	88 65		0.00	
70	56364.7	.03	0.0	11:00:04	88 55		-35.1	56330
80	56324.9	.03	0.0	11:00:45	88 65		-24.3	56301
90	57147.4	.03	0.0	11:01:20	88 55		0.00	57147
100	57917.9	.04	0.0	11:01:48	88		+79.4	57997
110	57509.3	.04	0.0	11:02:08	88		+79.4	57589
120	58124.7	.03	0.0	11:02:32	88	~	+30.0	58155
130	58435.6	.03	0.0	11:02:59	88		-13.1	58423
140	58205.1	.03	0.0	11:03:31	88	~	-30.0	58175
150	57778.3	.04	0.0	11:04:03	88		-69.5	57709
160	58289.8	.05	0.0	11:04:28	88		0.00	58290
170	58863.8	.05	0.0	11:05:01	88		+44.7	58910
180	57441.6	.03	0.0	11:05:30	88 65		+44.7	57486
190	59004.4	.21	0.0	11:05:56	88 55		+10.9	59015
200	59232.5	.04	0.0	11:06:20	88 56		+10.9	59243
210	59836.9	.15	0.0	11:06:47	78		-56.5	59780
220	59084.2	.05	0.0	11:07:27	88 66	~	-10.0	59074
230	58101.1	.03	0.0	11:07:55	88 56		+5.2	58106
240	57590.9	.03	0.0	11:08:22	88 55		+5.2	57596
250	56796.2	.04	0.0	11:09:20	88 85		+2.9	56799
260	56722.7	.03	0.0	11:10:07	88 55		-11.4	56711
270	57011.1	.02	0.0	11:10:36	88 85		0.00	57011
280	57141.4	.03	0.0	11:11:12	88 65		+22.6	57164
290	56400.1	.03	0.0	11:11:40	88		+22.6	56423
300	56852.6	.02	0.0	11:12:14	88 55		+114.1	56897
310	57017.1	.02	0.0	11:12:48	88 85		-7.9	57009
320	57278.2	.03	0.0	11:13:12	88 55		-7.9	57270
330	57131.2	.03	0.0	11:13:35	88		-7.9	57111
340	56834.3	.03	0.0	11:14:05	88 65	~	-20.0	57111
350	56565.9	.04	0.0	11:14:32	88 55		-41.5	56793
360	56806.3	.03	0.0	11:14:54	88		-41.5	56524
370	57182.8	.04	0.0	11:15:21	88		+29.6	56836
380	57062.2	.03	0.0	11:15:51	88		+29.6	57212
390	57240.9	.03	0.0	11:16:12	88		+35.2	57097
400	56831.1	.03	0.0	11:16:34	88		+35.2	57276
410	56990.4	.02	0.0	11:16:58	88 65		0.00	56831
420	57457.1	.02	0.0	11:17:22	88 55		-36.0	56954
430	57396.2	.04	0.0	11:17:59	88 65		-36.0	57421
440	56918.3	.03	0.0	11:18:29	88		+25.3	57422
450	56762.4	.02	0.0	11:19:04	88		+25.3	56944
460	56710.0	.02	0.0	11:19:35	88 85		+6825	56762
							+6825	56710

CORRECTED
VALUES

BASE STATION
CORRECTION

JUN14REM

P. BOG 3 & 4

470	56620.5	.02	0.0	11:20:10	88	65
480	56550.2	.03	0.0	11:20:39	88	
490	56566.9	.03	0.0	11:21:12	88	55

+ 2028 }
 ~ - 3500 } Disregard
 - 7861.9 }

56621
 56550
 56567

Line	40	Date 14	JUN 3	#158			
POSITION	FIELD	ERR	DRIFT	TIME	DS	CULT	
P. BOG 3 & 4	10	58150.1	.03	0.0	11:51:17	88	
HEADING	20	57221.9	.04	0.0	11:52:11	88	
NORTH	30	55442.3	.34	0.0	11:52:57	88	
	40	56406.2	.03	0.0	11:53:36	88	
	50	57156.8	.03	0.0	11:54:03	88	
	60	56684.9	.03	0.0	11:54:26	88	
	70	56986.1	.02	0.0	11:54:46	88	
	80	56546.5	.03	0.0	11:55:06	88	
	90	57132.9	.04	0.0	11:55:37	88	
	100	56110.4	.04	0.0	11:56:06	88	
	110	56457.9	.02	0.0	11:56:37	88	
	120	56973.9	.03	0.0	11:57:12	88	
	130	57036.1	.02	0.0	11:57:40	88	
	140	56327.2	.03	0.0	11:58:04	88	
	150	56115.1	.03	0.0	11:58:25	88	
	160	55941.9	.03	0.0	11:58:46	88	
	170	56362.0	.03	0.0	11:59:10	88	65
	180	56693.0	.02	0.0	11:59:33	88	55
	190	56505.8	.03	0.0	12:00:04	88	
	200	56250.3	.04	0.0	12:00:30	88	65
	210	56986.8	.03	0.0	12:00:51	88	55
	220	56814.6	.02	0.0	12:01:14	88	65
	230	56815.0	.02	0.0	12:01:38	88	55
	240	56390.2	.02	0.0	12:02:07	88	
	250	56383.0	.04	0.0	12:02:28	88	
	260	56050.9	.03	0.0	12:02:52	88	
	270	56190.1	.03	0.0	12:03:20	88	65
	280	56305.4	.04	0.0	12:03:42	88	55
	290	56162.7	.03	0.0	12:04:03	88	
	300	55848.1	.03	0.0	12:04:33	88	65
	310	56302.6	.03	0.0	12:05:01	88	
	320	56380.2	.03	0.0	12:05:27	88	55
	330	56405.2	.03	0.0	12:05:56	88	
	340	56424.7	.03	0.0	12:06:17	88	
	350	55688.0	.04	0.0	12:06:53	88	
	360	55950.4	.03	0.0	12:07:20	88	
	370	55713.6	.03	0.0	12:07:47	88	
	380	55863.6	.03	0.0	12:08:16	88	
	390	55937.7	.03	0.0	12:08:42	88	
	400	56201.8	.03	0.0	12:09:07	88	
	410	56523.1	.03	0.0	12:09:32	88	
	420	56327.6	.02	0.0	12:10:01	88	
	430	56557.2	.03	0.0	12:10:26	88	
	440	55765.0	.03	0.0	12:10:51	88	65
	450	55674.0	.03	0.0	12:11:21	88	55
	460	55799.8	.03	0.0	12:11:44	88	
	470	55769.1	.03	0.0	12:12:15	88	65
	480	56088.0	.03	0.0	12:12:39	88	
	490	56115.2	.03	0.0	12:13:00	88	55
EDGE OF CLAIM Block	500	56263.6	.03	0.0	12:13:22	88	

+20.7
 +0.7
 -23.1
 0.00
 +23.6
 0.00
 -17.8
 -17.8
 +4.8
 +4.8
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 -6.0
 +7.4
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 56112
 56260

Line	50	Date 14	JUN 3	#208			
POSITION	FIELD	ERR	DRIFT	TIME	DS	CULT	
P. BOG 3 & 4	10	58144.7	.03	0.0	12:39:47	88	
HEADING	20	56810.3	.04	0.0	12:42:03	88	
SOUTH	30	57169.8	.03	0.0	12:42:42	88	
	40	57153.9	.03	0.0	12:43:10	88	
	50	57600.0	.03	0.0	12:43:51	88	

+22.1
 -5.1
 +25.0
 +25.0
 -1.9

58167
 56805
 57195
 57174
 57548

				JUN14REM	BASE STATION Correction	CORRECTED VALUES	
60	57570.4	.03	0.0	12:44:21	88	-1.9	57568
70	57086.7	.04	0.0	12:44:55	88	-19.1	57068
80	56944.9	.03	0.0	12:45:29	88	-19.1	56926
90	57418.4	.03	0.0	12:45:57	88 65	+3.2	57422
100	58156.9	.02	0.0	12:46:21	88 55	+3.2	58160
110	57147.0	.03	0.0	12:46:50	88	+17.6	57165
120	56996.6	.03	0.0	12:47:19	88	+17.6	57014
130	57044.2	.02	0.0	12:47:52	88 65	-19.9	57024
140	56787.8	.04	0.0	12:48:20	88 55	-19.9	56768
150	56897.5	.02	0.0	12:48:49	88	+17.5	56915
160	56505.9	.05	0.0	12:49:14	88	+17.5	56523
170	56673.3	.03	0.0	12:49:42	88	+17.5	56691
180	56661.7	.02	0.0	12:50:09	88	-16.6	56645
190	56794.3	.03	0.0	12:50:42	88	-5.2	56789
200	56433.6	.03	0.0	12:51:06	88	-5.2	56428
210	56589.5	.03	0.0	12:51:39	88	+2.3	56592
220	56510.2	.03	0.0	12:52:10	88	+2.3	56513
230	56912.4	.02	0.0	12:52:35	88	+2.3	56915
240	56620.7	.02	0.0	12:53:08	88	+3.5	56624
250	56539.8	.03	0.0	12:53:39	88 65	-0.1	56540
260	56381.9	.03	0.0	12:54:10	88 55	-0.1	56382
270	56086.2	.03	0.0	12:55:02	88	+15.5	56102
280	56445.5	.03	0.0	12:55:30	88	+15.5	56461
290	56172.2	.03	0.0	12:56:08	88	-21.4	56151
300	56018.2	.03	0.0	12:56:38	88	~ 0.0	56018
310	55387.2	.03	0.0	12:57:05	88	+26.1	55413
320	55210.0	.03	0.0	12:57:40	88	-7.1	55203
330	55634.6	.03	0.0	12:58:13	88	-7.1	55628
340	55306.3	.03	0.0	12:58:44	88	-12.7	55294
350	55819.6	.03	0.0	12:59:45	88	+19.0	55839
360	56322.3	.03	0.0	13:00:34	88	+19.0	56341
370	55738.1	.06	0.0	13:01:19	88	+19.0	55757
380	56792.0	.03	0.0	13:01:51	88	-17.8	56774
390	56703.4	.02	0.0	13:02:22	88	-17.8	56685
400	57157.6	.02	0.0	13:02:52	88	-2.0	57160
410	57318.1	.03	0.0	13:03:14	88	-2.0	57316
420	56930.3	.03	0.0	13:03:45	88 65	+19.0	56949
430	56833.3	.03	0.0	13:04:10	88	-1.8	56832
440	56777.0	.03	0.0	13:04:38	88	-1.8	56775
450	56760.3	.03	0.0	13:05:05	88 55	-1.8	56758
460	56786.6	.02	0.0	13:05:33	88	-1.8	56785
470	57067.6	.02	0.0	13:05:54	88 65	-3.0	57064
480	57352.1	.03	0.0	13:06:30	88 55	-3.0	57349
490	57867.9	.02	0.0	13:06:48	88	+2.0	57870
500	57744.4	.03	0.0	13:07:07	88	+2.0	57746
510	57671.5	.02	0.0	13:07:41	88 85	+2.0	57674
520	57575.8	.03	0.0	13:08:09	88 55	-20.7	57555
530	57149.2	.02	0.0	13:08:51	88	+23.4	57172
540	56986.3	.04	0.0	13:09:15	88 85	+23.4	57009

INTERSECTION
LOGGING RD

EOF

□□



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

REC'D / RECEIVED

To: HILLSBOROUGH RESOURCES LTD.

925 1200 W. 73RD AVE
VANCOUVER BC V6P 6G5

Page #: 1
Date : 25-Apr-2003
Account: NGS

CERTIFICATE VA03010866

Project :
P.O. No:
This report is for 1 ROCK sample submitted to our lab in North Vancouver, BC, Canada on 11-Apr-2003.
The following have access to data associated with this certificate:
STEPHEN GARDNER

BOG CLAIMS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-GRA21	Au Ag 30g FA-GRAV finish	WST-SIM
ME-ICP41	34 Element Aqua Regia ICP-AES	ICP-AES

To: HILLSBOROUGH RESOURCES LTD.
ATTN: STEPHEN GARDNER
P.O. BOX 5000
CAMPBELL RIVER BC V9W 5C5

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to sample as submitted. All pages of this report have been checked and approved for release.

Signature:



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
 212 Brooksbank Avenue
 North Vancouver BC V7J 2C1 Canada
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 VANCOUVER BC V6P 6G5

Page #: 2 - A
 Total # of pages : 2 (A - C)
 Date : 25-Apr-2003
 Account: NGS

CERTIFICATE OF ANALYSIS	VA03010866
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Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	ME-GRA21 Au ppm 0.05	ME-GRA21 Ag ppm 5	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1
Sample Description BOG 03-01	0.72	<0.05	<5	0.2	5.13	6	<10	30	<0.5	<2	3.40	<0.5	69	63	79



ALS Chemex
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 ALS Canada Ltd.
 212 Brooksbank Avenue
 North Vancouver BC V7J 2C1 Canada
 Phone: 604 984 0221 Fax: 604 984 0218

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Page #: 2 - B
 Total # of pages : 2 (A - C)
 Date : 25-Apr-2003
 Account: NGS

CERTIFICATE OF ANALYSIS VA03010866

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
BOG 03-01		6.17	20	<1	0.08	<10	0.82	391	4	0.61	17	890	12	2.17	<2	6



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Phone: 604 984 0221 Fax: 604 984 0218

To: HILLSBOROUGH RESOURCES LTD.

925 - 1200 W. 73RD AVE

VANCOUVER BC V6P 6G5

Page #: 2 - C

Total # of pages : 2 (A - C)

Date : 25-Apr-2003

Account: NGS

CERTIFICATE OF ANALYSIS

VA03010866

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41						
		Sr	Ti	Tl	U	V	W	Zn						
		ppm	%	ppm	ppm	ppm	ppm	ppm						
BOG 03-01	1	0.01	10	10	1	10	2	222	0.12	<10	10	189	<10	55