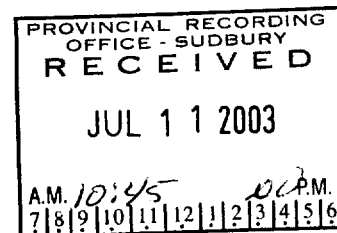
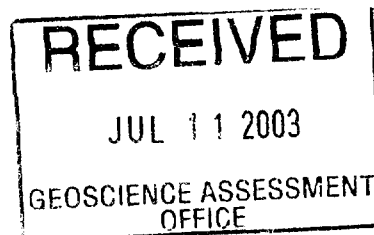


**Ovalbay Geological Services Inc.**  
 385 Riviera Drive  
 Thunder Bay, Ontario  
 Canada P7B 6K2  
 Tel: 807-767-0445 Fax: 807-767-0490  
 Email: [ovalbay@tbaytel.net](mailto:ovalbay@tbaytel.net)



To: Alan Shefsky, president  
**Pele Mountain Resources Inc.**  
 Toronto, Ontario

2 . 5 . 5 . 0 . 0

**Re: Preliminary results of diamond drilling completed in February 2003**

Dear Sir,

Please find attached, the preliminary results and conclusions from the limited diamond drilling campaign completed in February 2003 (Feb. 03 to 08). A total of 4 holes were completed for 543 linear meters.

DDH number	Line m	Station m	Azimuth	Dip	Length m
P-FS-03-01	L16+10W	6+40N	130.0	-45.0	186.0m
P-FS-03-02	L8+75W	2+65N	330.0	-60.0	102.0m
P-FS-03-03	L7+86W	2+28N	330.0	-50.0	102.0m
P-FS-03-04	L8+47W	2+57N	330.0	-65.0	153.0m

Diamond drill hole P-FS-03-01 intersected two separate dykes of feldspar porphyry-diorite (from 8.3m to 39.2m and 86.7m to 98.5m). To the north of the first porphyry-diorite, brecciated mafic volcanics also silicified and pyritized were intersected. The north contact of the feldspar porphyry-diorite is mineralized, and would correspond to the Pele Zone, western extension.

Significant results diamond drill hole P-FS-03-01

From	To	Width m	g/t Au	Description
6.3	11.8	5.5 m	0.429 g/t	Altered porphyry contact (1 narrow quartz vein)
98.6	105.2	6.6 m	0.101 g/t	Altered porphyry contact
111.7	112.9	1.2 m	0.627 g/t	Silicified-pyritized mafic tuffs
117.7	126.6	8.9 m	0.253 g/t	Silicified-pyritized mafic tuffs
166.3	166.9	0.6 m	3.750 g/t	Quartz vein mineralized

Between the two porphyry-diorite dykes mafic volcanics (lavas & tuffs) were encountered. Narrow felsic dykes are present within this unit, which is locally altered (silicified and pyritized) over narrow widths of about 1.0 meter. To the south of the last feldspar porphyry-diorite dyke intersected, mafic tuffs containing locally felsic lapillis, dominate. Still, narrow felsic dykes up to 1.7 meters wide, cut the mafic tuffs but a foliated gabbro



(slightly magnetic) was intersected from 159.0m to 166.3m. A mineralized grey quartz vein was intersected at the south contact of the gabbro dyke, from 166.3m to 166.9m. The south contact of the gabbro, beside the quartz vein, is visibly more altered, silicified and pyritized (<0.5% pyrite). This specific gabbroic unit has been mapped on surface for at least 400m and has never been detailed. It should also be noted that other similar and parallel gabbros, with associated high grade gold showings at their margins, have been described and mapped in the past in an area just southeast of the present discovery by Akiko-Lori Resources in 1991, and Pele Mountain 1996-1997.

- The Fogen Occurrence (Post Zone) located 600m east, returned grab samples of up to 34.0 g/t Au and chip sample of 8.232 g/t Au over 1.68 m; This zone has been described as an east-northeast trending shear zone 0.61m to 1.52m feet wide at the contact of mafic volcanics – gabbro. Localized and sub-parallel within the shear are 5.0 cm to 15.0 cm wide quartz veins and lenses. The veins are well mineralized with 5 to 10% pyrite, minor chalcopyrite-galena-sphalerite. More recently, a compilation of previous work completed by Pele Mountain, indicates that Pele's geologists confirmed this structure. Gold values from 0.3g/t to 44.3 g/t have been returned from grab samples taken intermittently over an area of >50.0 meters wide which also coincide directly with a moderate IP anomaly at least 100.0 m wide.
- Showing 7 located 200m south of the Fogen occurrence was discovered by Akiko-Lori in 1991. The zone lies within mafic volcanic in proximity to an east trending gabbro contact. This gabbro is also parallel to the Fogen occurrence's gabbro. The showing consists of a 15.0 cm wide sulphide horizon within an altered and silicified chlorite schist trending ENE and dipping at 85 degrees north. The zone contains up to 20% pyrite and correspond directly to an IP anomaly at least 1.5 km long. Grab samples of up to 8.23 g/t Au were returned.
- Ranta Occurrence located an additional 800 meters to the east of the Fogen Occurrence, is also located along the south contact of a gabbro dyke. It consists of a fractured zone hosting a high grade quartz vein varying from 15.0 to 30.0 cm wide. An average of 25.73 g/t Au over a width of 30 cm and for a length of 10 meters has been returned from sampling.

Diamond drill hole P-FS-03-01 of the present diamond drilling program certainly identified significant wider zones of strong alteration (silica + pyrite) carrying low gold values at the contacts of feldspar porphyry-diorite and gabbro dykes or sills within the mafic volcanics. This type of alteration and gold mineralization was not properly identified in past exploration work. This new knowledge will help the company to better focus their search of gold mineralization of economic interest in the immediate area.

Drill holes P-FS-03-02, -03 and -04 were completed under the Pele Zone some 750 meters further northeast.

In ddh # -02, the following mineralized sections were sampled:

DDH #	from	to	width m	g/t Au	g/t Ag	Description
P-FS-03-02	65.6m	67.5m	1.9m	0.494 g/t	N.D.	2 quartz veins
P-FS-03-02	83.0m	93.0m	10.0m	0.380 g/t	N.D.	<b>Pele Zone</b>
Including	<b>86.5m</b>	<b>87.7m</b>	<b>1.2m</b>	<b>0.991 g/t</b>	<b>N.D.</b>	<b>Quartz vein,</b>
P-FS-03-02	97.2m	97.5m	0.3m	10.314 g/t	N.D.	Quartz vein with semi massive py.

In ddh # -03, the following mineralized sections were sampled:

DDH #	from	to	width m	g/t Au	g/t Ag	Description
P-FS-03-03	78.4m	88.3m	9.9m	1.040 g/t	7.27 g/t	<b>Pele Zone</b>
Including	78.4m	79.2m	0.8m	1.463 g/t	13.175 g/t	Quartz vein, dssmt py.,
	<b>82.1m</b>	<b>84.0m</b>	<b>1.8m</b>	<b>3.281 g/t</b>	<b>22.053 g/t</b>	<b>Numerous parallel quartz strngs</b>

In ddh # -04, the following mineralized sections were sampled:

DDH #	from	to	width m	g/t Au	g/t Ag	Description
P-FS-03-04	32.7m	36.1m	3.4m	0.155 g/t	N.D.	Brecciated-silicified IF
P-FS-03-04	86.3m	96.6m	10.3m	2.348 g/t	N.D.	<b>Pele Zone</b>
Including	<b>87.3m</b>	<b>90.4m</b>	<b>3.1m</b>	<b>5.239 g/t</b>	<b>N.D.</b>	<b>Grey Qtz vein, dssmt py., trace cpy.</b>
	92.5m	93.5m	1.0m	2.275 g/t	N.D.	Silicified, irregular qtz stringers
	93.5m	94.5m	1.0m	0.535 g/t	N.D.	Grey quartz vein, fine py., trace cpy.
	95.9m	96.6m	0.7m	0.184 g/t	N.D.	Quartz vein with black mineral ?
P-FS-03-04	102.5m	103.0m	0.5m	0.924 g/t	N.D.	“Pitted” quartz vein, minor py.

Note : highlighted items would correspond to the “Pele vein” as described in the past.

In summary, the “Pele vein” is a quartz vein or series of closely spaced quartz stringers hosted within a larger gold bearing deformation zone intruded by a felsic dyke / quartz-feldspar porphyry dyke. The main gold bearing quartz vein, from the recent diamond drilling, appears to be located close to the south contact of the shear structure. This interpretation confirms the conclusions of surface work done by Akiko Lori in 1991 when N. Baker described the mineralization as:

“ ...the McKellar Zone consists of a quartz vein which varies from 1 to 4 feet in width. ... The vein strikes at 055 degrees and dips to the north at 85 degrees. A quartz-feldspar porphyry dyke is proximal to the vein and represent the hanging wall of the vein at most pit locations. A sulphidized chlorite-carbonate schist is found at the footwall of the vein. The mineralization of the quartz vein consists of 1-3% pyrite with minor chalcopyrite and galena....”

F.T. Archibald (Pele Mountain Resources Inc., 1996-1997-1998) also concluded that:

“... This system, striking 055 degrees ... This zone is made up of converging-diverging quartz veins which are shear-controlled. The shear zone averages from 4.38 meters in the east section to 6.16 meters in the west section. There are one to two quartz-veins which dip steeply, 70 to 80 degrees north, but can flatten as much as 50 degrees to the north. The quartz vein average 0.48 meters to 2.21 meters in width, and tend to widen to the west. There are several vein systems, particularly at the east end, which splay off this system at 20 to 30 degrees to the strike. ... The high grade sections are associated with galena and chalcopyrite within grey quartz.

... A syenite or feldspar porphyry intrusive system is also associated with the north side of the Pele Zone.”

The recent diamond drilling also indicates the presence of other parallel grey quartz veins and stringers carrying lower gold values, close to the north contact of the shear structure. Diamond drill hole -02 also intersected a narrow quartz vein with semi massive pyrite, just outside and north of the shear. Anomalous gold values were also encountered to the south of the Pele Zone within the iron formation. Silicification and brecciation of the iron formation characterized this later zone.

Minescape Exploration Inc also completed a resource estimation of the Pele Zone in 1998.

R. Murphy and D. Hunter (1998) stated that: “ This zone has been intersected in seventeen drill holes. The resource estimate in this zone is indicated over 206 meters strike and to a maximum depth of 97 m. This zone is inferred to extend over 206 meters strike and to a depth of 342 meters (corresponding to the depth of the adjacent Ardeen Mine). The average width of this zone is 1.28 meters. The Pele Zone hosts an indicated resource of 31,080 tonnes averaging 8.3 grams/tonne gold (30,441 T @ 8.0 g/T, high values cut to 2.0 ounces). An inferred resource of 240,700 tonnes averaging 8.3 grams Au per tonne (240,700 T @ 8.0 g/T, cut) has been estimated to a depth of 342 meters.”

The following diamond drill holes were included into the resource estimates.

DDH #	Line	Station	Azimuth/dip	Tonnes	Thickness m	Grade gpt Au
98-12A	9+33W	3+16N	160 / -60	377	0.35	2.31
98-13	9+08W	3+06N	160 / -70	172	0.20	6.13
97-48	9+00W	3+25N	151 / -41.5	9,525	1.86	6.52
97-63	9+00W	3+32N	180 / -70	6,548	0.99	7.65
98-14	8+83W	2+97N	160 / -70	212	0.19	1.21
98-15	8+58W	2+92N	160 / -70	374	0.45	16.90
97-60	8+72W ?	3+07N	142 / -41.5	1,781	1.10	33.33
98-16	8+33W	2+89N	160 / -45	2,117	2.43	1.93
98-17	8+33W	2+90N	160 / -72	352	0.50	1.93
98-19	8+17W	2+85N	160 / -45	313	0.42	2.82
98-18	8+17W	2+86N	160 / -62	268	0.56	1.33
97-49	8+00W	2+92N	151 / -41.5	1,808	1.38	7.71
97-59	8+00W	2+91N	142 / -70	575	0.37	2.34
98-21	7+85W	2+82N	150 / -45	971	0.87	9.48
98-22	7+85W	2+83N	150 / -62	1,278	0.96	18.21
98-23	7+65W	2+78N	150 / -45	2,841	0.90	3.05
98-20	7+68W	3+32N	150 / -45	1,568	0.22	9.05

Claude Larouche, Thunder Bay, March 04 2003

## CHECK ASSAYS AND GOLD DISTRIBUTION

The following samples were re-submitted for “**Metallics Gold**”

<b>Sample#</b>	<b>Original assay</b>	<b>Metallics Gold Assay</b>
5498	0.991 g/t	0.168 g/t
5333	0.239 g/t	0.535 g/t
5337	2.275 g/t	1.880 g/t
5338	0.535 g/t	0.251 g/t
5340	0.267 g/t	0.861 g/t

Variations are evident between the two types of assaying.

It should be noted that, for some of the samples, there is more gold in the pulps than in the metallics. With the screening used, it indicates that the gold is very fine (less than 100 microns) to very coarse. Sample 5337 tends to indicate that fine gold (<100 microns) is as abundant as coarse gold (> 100 microns). A general trend is suggested, the higher the metallic content of the sample, the higher the grade of gold.

See attached “Certificate of Analysis”



1070 LITHIUM DRIVE, UNIT 2 THUNDER BAY, ONTARIO P7B 6G3  
 PHONE (807) 626-1630 FAX (807) 623 6820 EMAIL accuracy@tbaytel.net WEB www accurassay.com

## Certificate of Analysis

Thursday, March 06, 2003

Pele Mountain Resources  
 2200 Yonge St.  
 Toronto, ON, CA  
 M4S2C6  
 Ph#: (416) 368-7224  
 Fax#: (416) 368-7230  
 Email info@pelemountain.com

Date Received : 03-Apr-03  
 Date Completed : 05-Mar-03  
 Job # 200340129

Reference :

Sample #: 5 Pulp's

### METALLICS GOLD

Accurassay #	Client Id	#1 Pulp Assay g/t	#2 Pulp Assay g/t	Metallics Assay g/t	Total g/t	% Met. in Pulp	Pulp Met. Weight(g)
7897	5498	0.166	0.151	0.948	0.168	1.18%	11.77
7898	5333	0.51	0.562	0.386	0.535	0.81%	7.25
7899	5337	1.862	1.892	1.946	1.880	4.97%	49.69
7900	5338	0.253	0.239	0.453	0.251	2.55%	23.44
7901	5340	0.914	0.863	0.292	0.861	4.65%	43.47

PROCEDURE CODES: AL4PM

Certified By: 

AL908-0053-03/06/2003 07:26 AM

# PELE MOUNTAIN: MOSS LAKE-ARDEEN MINE PROJECT

**Hole:** P-FS-03-01

<b>Easting:</b> -1610	<b>Northing:</b> 640	<b>Elevation:</b> 100.00
<b>AltNorthing:</b> 0.00	<b>AltEasting:</b> 0.00	<b>AltElevation:</b> 0.00
<b>Azimuth:</b> 130.0	<b>Dip:</b> -45.0	<b>Length:</b> 186.0 m.
<b>AltAzimuth:</b> 0.00		

<b>Hole Type:</b> NQ core	<b>Zone:</b>	<b>Contractor:</b> CHIBOUGAMAU DC
<b>Started:</b> 03/02/2003	<b>Finished:</b> 04/02/2003	<b>Logged By:</b> C. LAROCHE
<b>Claim:</b> 677468	<b>Cemented:</b> <input type="checkbox"/>	<b>Surveyed:</b> <input type="checkbox"/>

**Township:** Moss Township, Thunder Bay Mining District

**Description:** Hole aimed at IP anomaly and Magnetic anomaly on grid line 16+00W. West of McKellar Pits, Pele Zone  
CASING LEFT IN PLACE

***Deviations:***

<i>Depth</i>	<i>Azimuth</i>	<i>AltAzimuth</i>	<i>Dip</i>	<i>Type</i>
60.0	130.0	0.00	-45.0	Aci
150.0	130.0	0.00	-45.0	Aci

End of Deviations ; 2 record(s) printed.

# PELE MOUNTAIN: MOSS LAKE-ARDEEN MINE PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au ppb	Ag ppb	Cu ppm	Zn ppm	Pb ppm
0	0.0	4.0	OV - OVERBURDEN, core badly broken, boulders of feldspar porphyry and mafic volcanics.									
0	4.0	8.3	V7, brx.sil., py. - MAFIC VOLCANICS, BRECCIATED - SILLICIFIED-PYRITIZED numerous irregular qtz stringers, 1.0% disseminated pyrite, schistosity at 50 CA	5401 5402	6.3 7.3	7.3 8.3	1.0 1.0	456 315	-1 -1	-1 -1	-1 -1	-1 -1
0	8.3	16.0	1FP-2D - FELDSPAR PORPHYRY - DIORITE grey green colour, fine to medium grained, inclusions of mafic volcanics, core usually silicified and pyritized up to 12.5m. Qtz vein from 9.45 to 9.55m at 45 CA, 10% py along chlorite slivers, fractures low angle to core	5403 5404 5405 5406 5407	8.3 9.3 9.8 10.8 11.8	9.3 9.8 10.8 11.8	1.0 0.5 1.0 1.0 1.0	573 1415 57 252 28	-1 -1 -1 -1 -1	-1 -1 -1 -1 -1	-1 -1 -1 -1 -1	-1 -1 -1 -1 -1
0	16.0	29.0	1FP - 2D - FELDSPAR PORPHYRY-DIORITE medium grained, more massive, <0.5% py., locally chlorite+pyrite along fractures. Intrusive is coarsely fractured with local silicification.	5408	27.5	28.5	1.0	25	-1	-1	-1	-1
0	29.0	35.0	1FP-2D, alt. - FELDSPAR PORPHYRY-DIORITE ALTERED, fractured, locally sil.-chl.-py. alteration forming bands at 50 CA, bleaching of core increases with alteration, fine dssmt py. also present along fractures	5409	29.2	30.2	1.0	49	-1	-1	-1	-1
0	35.0	39.2	1FP-V7, alt., contact zone - MAFIC VOLCANICS-FELDSPAR PORPHYRY, ALTERED CONTACT ZONE, feldspar porphyry becomes fine grained, sil.+py., core highly bleached, some fractures cemented with qtz-chl-py, ssty 45 CA, irregular qtz nodules within V7, amygdules ?	5410 5411 5412 5413	35.0 36.0 37.5 39.0	36.0 37.5 39.0 40.0	1.0 1.5 1.5 1.0	26 52 18 11	-1 -1 -1 -1	-1 -1 -1 -1	-1 -1 -1 -1	-1 -1 -1 -1
0	39.2	42.2	V7-V9m - MAFIC VOLCANICS, TUFFS ? Fine grained, grey green colour, rounded qtz & qtz+chl pods (amygdules) also larger 2.5 cm rounded qtz (felsic) fragments, minor dssmt pyrite									
0	42.2	42.9	FD	5414	42.2	42.9	0.7	18	-1	-1	-1	-1



# PELE MOUNTAIN: MOSS LAKE-ARDEEN MINE PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au ppb	Ag ppb	Cu ppm	Zn ppm	Pb ppm
0	42.9	43.3	- FELSIC DYKE, fine grained, grey colour, fractured to brecciated, irregular qtz strngs, dssmt py. (1-2%), irregular contacts 45 to 70 CA									
0	43.3	45.3	- MAFIC TUFFS, green colour, fine to medium grained, ssty 60 CA									
0	45.3	46.7	- FELSIC DYKE, fine grained, grey colour, irregular contacts at 45 CA, slightly fractured, tr py., small chloritoid clots									
0	46.7	50.3	- MAFIC TUFFS medium grained highly chloritic									
0	50.3	52.1	- FELSIC DYKE, as before									
0	52.1	53.4	- MAFIC TUFFS fine to medium grained, strong ssty 60 CA abundant qtz (felsic) pods oriented within the foliation, tr py., rare qtz stringers									
0	53.4	54.0	- FELSIC DYKE irregular contacts, inclusions of mafic tuffs, weak foliation at 60 CA, rare qtz strngs with chloritic rich contacts									
0	54.0	55.5	- MAFIC TUFFS ssty 55 to 60 CA									
0	54.0	55.5	MIN. ZONE	5415	54.0	55.0	1.0	98	-1	-1	-1	-1
			- MINERALIZED ZONE, mafic tuffs become highly silicified, qtz vein with 8% pyrite from 54.6 to 54.8m, vein oriented at 50 CA, pyrite locally coarse grained	5416	55.0	55.5	0.5	11	-1	-1	-1	-1
0	55.5	56.2	- FELSIC DYKE fine grained, glassy beige colour, upper contact at 65 CA, dyke is slightly fractured, trace pyrite	5417	55.5	56.2	0.7	152	-1	-1	-1	-1
0	56.2	63.7	- MAFIC TUFFS, fine to medium grained, green colour, bedding at 60 CA with alternating lighter									

# PELE MOUNTAIN: MOSS LAKE-ARDEEN MINE PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au ppb	Ag ppb	Cu ppm	Zn ppm	Pb ppm
			colored beds, irregular qtz stringers									
0	63.7	64.7	MIN. ZONE - MINERALIZED ZONE, tuffs are highly silicified with irregular qtz veins and stringers, pyrite within strngs and also dssmt close to contacts of veins + strngs.	5418	63.7	64.7	1.0	109	-1	-1	-1	-1
0	64.7	65.3	V9m - MAFIC TUFFS as before, minor pyrite close to lower contact									
0	65.3	65.6	FD - FELSIC DYKE, as before, contacts at 60 CA									
0	65.6	75.1	V9m - MAFIC TUFFS, minor pyrite close to upper contact, minor silicification + trace pyrite all-through, 1% dssmt pyrite at lower contact	5419	74.8	75.1	0.3	64	-1	-1	-1	-1
0	75.1	75.7	1FP - FELDSPAR PORPHYRY, medium grained, grey colour, slightly fractured, 1% dssmt py.	5420	75.1	75.7	0.6	49	-1	-1	-1	-1
0	75.7	80.8	V9m - MAFIC TUFFS ssty at 60 CA, dssmt pyrite over 0.3m at upper contact	5421	75.7	76.0	0.3	93	-1	-1	-1	-1
0	80.8	81.8	V9m, alt - ALTERED MAFIC TUFFS, few quartz stringers and veins oriented at 45 to 60 CA, up to 1% py. within strngs, minor dssmt py at contacts, tuffs are chloritic	5422	80.8	81.8	1.0	156	-1	-1	-1	-1
0	81.8	84.2	V9m - MAFIC TUFFS chloritic and carbonated ?									
0	84.2	86.7	V9m, alt - ALTERED MAFIC VOLCANICS, contact zone, still highly chloritic, few qtz strngs at 50 CA, 1% dssmt pyrite, 85.2 to 85.7m less silicified trace py., 85.7 to 86.7m highly altered bleached irregular qtz strngs, core is brecciated, chloritic fractures, 1% py.	5423 5424 5425	84.2 85.2 85.7	85.2 85.7 86.7	1.0 0.5 1.0	24 19 36	-1 -1 -1	-1 -1 -1	-1 -1 -1	-1 -1 -1
0	86.7	98.5										

# PELE MOUNTAIN: MOSS LAKE-ARDEEN MINE PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au ppb	Ag ppb	Cu ppm	Zn ppm	Pb ppm
0	86.7	98.5	1FP / 2D	5426	86.7	87.7	1.0	21	-1	-1	-1	-1
			- FELDSPAR PORPHYRY / DIORITE, grey	5427	87.7	88.7	1.0	49	-1	-1	-1	-1
			colour, fine to medium grained, fine dssmt pyrite	5428	96.6	97.6	1.0	29	-1	-1	-1	-1
			0.5%, few fractures at low angle to core, narrow qtz vein at upper contact, lower contact at 65 CA.	5429	97.6	98.6	1.0	48	-1	-1	-1	-1
0	98.5	105.2	V7, alt	5430	98.6	99.5	0.9	202	-1	-1	-1	-1
			- MAFIC VOLCANICS, highly silicified and	5431	99.5	101.0	1.5	14	-1	-1	-1	-1
			bleached, locally up to 1% dssmt pyrite, in places	5432	101.0	102.5	1.5	41	-1	-1	-1	-1
			real tuffs, bedding // foliation//schistosity at 65 CA, tuffs contain much felsic lapillis	5433	102.5	103.8	1.3	122	-1	-1	-1	-1
				5434	103.8	105.2	1.4	176	-1	-1	-1	-1
0	105.2	111.7	V9m, lapilli - MAFIC LAPILLI TUFFS, strong foliation at 55- 65 CA, felsic lapillis within chloritic matrix, rare quartz stringers									
0	111.7	112.9	ALT ZONE - ALTERED ZONE, highly altered tuffs, beige colour, irregular qtz strngs, fine dssmt and up to 2% pyrite along with slivers of pyrite, altered zone is oriented roughly at 45 CA	5435	111.7	112.9	1.2	627	-1	-1	-1	-1
0	112.9	117.7	V9m, lapilli - MAFIC LAPILLI TUFFS, as before, rare quartz stringers, trace pyrite									
0	117.7	126.6	ALT. ZONE	5436	117.7	118.2	0.5	68	-1	-1	-1	-1
			- ALTERED ZONE, beige colour, silicified up to	5437	118.2	119.7	1.5	138	-1	-1	-1	-1
			2% dssmt pyrite locally, carbonated, irregular qtz	5438	120.0	121.5	1.5	432	-1	-1	-1	-1
			strngs, 120.0-121.5m sil. up to 3% dssmt py.,	5439	122.7	124.1	1.4	422	-1	-1	-1	-1
			121.5-122.7m ssty 55 CA, 122.7-126.0m highly	5440	124.1	125.5	1.4	139	-1	-1	-1	-1
			altered fine dssmt py., qtz veinlets, locally brecciated	5441	125.5	126.0	0.5	261	-1	-1	-1	-1
				5442	126.0	126.6	0.6	113	-1	-1	-1	-1
0	126.6	156.3	V9m, lapilli - MAFIC LAPILLI TUFFS as before, few rare qtz strngs at 128.9m, at 130.5m band 0.3m rich in magnetite, bedding/ssty at 55 CA, 133-137 felsic fragments up to 1 cm thick by 4 cm long, amount of lapillis decreases toward 154.5m, at 156.3m, no lapillis									
0	156.3	158.0	FD - FELSIC DYKE, lower contact at 60 CA, silicified and brecciated tuffs at upper contact, trace pyrite	5443	156.3	158.0	1.7	32	-1	-1	-1	-1

# PELE MOUNTAIN: MOSS LAKE-ARDEEN MINE PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au ppb	Ag ppb	Cu ppm	Zn ppm	Pb ppm
0	158.0	159.0	V9m - MAFIC TUFFS fine grained									
0	159.0	166.3	3G - GABBRO foliated at 55 CA, slightly magnetic, generally massive, fine to medium grained, lower contact altered (silicified + pyritized)	5444 5445	165.3 165.8	165.8 166.3	0.5 0.5	40 68	-1 -1	-1 -1	-1 -1	-1 -1
0	166.3	166.9	QTZ VEIN - QUARTZ VEIN, with about 15% wallrock inclusions, vein oriented at 40-45 CA, banding evident at contacts, abundant chlorite slivers, minor pyrite, trace chalcopyrite	5446	166.3	166.9	0.6	3750	-1	-1	-1	-1
0	166.9	168.5	ALT. ZONE - ALTERED ZONE, silicified and pyritized, few quartz veins at 40 CA, 0.5% dssmt pyrite.	5447 5448	166.9 167.5	167.5 168.5	0.6 1.0	202 35	-1 -1	-1 -1	-1 -1	-1 -1
0	168.5	186.0	V9m - MAFIC TUFFS, narrow silicified horizons, narrow gabbro dykes or sills slightly magnetic, badns with abundant lapillis (fragments), foliation at 60 CA									

End of Lithology and Assays :

20  
30  
40  
50  
60  
70  
80

# PELE MOUNTAIN: MOSS LAKE-ARDEEN MINE PROJECT

**Hole:** P-FS-03-02

<b>Easting:</b>	-875	<b>Northing:</b>	265	<b>Elevation:</b>	100.00
<b>AltNorthing:</b>	0.00	<b>AltEasting:</b>	0.00	<b>AltElevation:</b>	0.00
<b>Azimuth:</b>	330.0	<b>Dip:</b>	-60.0	<b>Length:</b>	102.0 m.
<b>AltAzimuth:</b>	0.00				

**Hole Type:** NQ core

**Zone:**

**Contractor:** CHIBOUGAMAU DC

**Started:** 05/02/2003

**Finished:** 05/02/2003

**Logged By:** C. LAROUCHE

**Claim:** 117234<sup>9</sup> / 33B

**Cemented:**

**Surveyed:**

**Township:** Moss Township, Thunder Bay Mining District

**Description:** Hole drilled from the south to the north on the "Pele" zone (McKellar Pits)  
CASING LEFT IN PLACE

# PELE MOUNTAIN: MOSS LAKE-ARDEEN MINE PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au ppb	Ag ppb	Cu ppm	Zn ppm	Pb ppm
0	0.0	6.0	OV - OVERBURDEN									
0	6.0	7.1	V7 - MAFIC VOLCANICS, dark green colour, core locally badly broken, pieces of brecciated Iron Formation boulders?									
0	7.1	10.0	IF breccia - BRECCIATED IRON FORMATION, about 20% fragments of chert-magnetite within chloritic matrix, narrow zone 0.2m wide breccia with fine fragments.									
0	10.0	14.1	V7 - BASALT with about 5% fragments of chert in irregular zones									
0	14.1	15.0	QTZ VEIN - QUARTRZ VEIN, grey to white in colour, upper contact at 45 CA, more diffuse at lower contact, part of a silicified brecciated IF	5483	14.1	15.0	0.9	-5	-1	-1	-1	-1
0	15.0	27.9	IF BRECCIA - BRECCIATED IRON FORMATION with chloritic matrix, locally 1 to 2% dssmt magnetite, fragments at low angle to core, breccia is silicified with hairline fractures of quartz, minor py., the lower part of the unit is a brecciated cherty- magnetite IF3	5484 5485 5486 5487	15.0 17.5 19.5 21.0	16.0 18.5 21.0 22.5	1.0 1.0 1.5 1.5	8 -5 34 133	-1 -1 -1 -1	-1 -1 -1 -1	-1 -1 -1 -1	-1 -1 -1 -1
0	24.9	25.2	V7, brecciated - BRECCIATED MAFIC VOLCANIC, with grey quartz matrix, rare pyrite	5488	24.9	25.5	0.6	-5	-1	-1	-1	-1
0	25.2	36.6	V7 / V4 - MAFIC TO INTERMEDIATE VOLCANICS, light green instead of dark green, less chloritic, still slightly brecciated, irregular qtz strngs and pods, chloritoid clots, trace of pyrite usually close to siicification.	5489 5490	27.9 36.5	29.4 37.5	1.5 1.0	-5 7	-1 -1	-1 -1	-1 -1	-1 -1
0	36.6	45.0	V7 / V4 altered - MAFIC TO INTERMEDIATE VOLCANICS brecciated and silicified, 10 to 15% grey quartz, possible fragments of chert, minor magnetite and	5491 5492	40.8 41.8	41.8 42.8	1.0 1.0	-5 5	-1 -1	-1 -1	-1 -1	-1 -1

# PELE MOUNTAIN: MOSS LAKE-ARDEEN MINE PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au ppb	Ag ppb	Cu ppm	Zn ppm	Pb ppm
			disseminated pyrite within silicified zones, also fragments of IF ?									
0	45.0	49.0	V7 - MAFIC VOLCANICS, amygdules, unit locally brecciated with matrix of quartz - magnetite-minor pyrite	5493	45.1	46.1	1.0	9	-1	-1	-1	-1
0	49.0	51.9	V7 - MAFIC VOLCANICS slightly fractured and brecciated, locally highly chloritic, rare stringers of black quartz+py.+ mag. At low angle to core, grey to white irregular quartz veinlets elongated (boudins)									
0	51.9	58.0	V7, amygdules - BASALT, amygdules; Dark green colour, fractured, locally core badly broken, slightly silicified in place with irregular quartz stringers usually at low angle to core									
0	58.0	59.2	V7 - MAFIC VOLCANICS fractured with irregular quartz stringers, quartz also in patches.									
0	59.2	60.6	IF BRECCIA - BRECCIATED IRON FORMATION, magnetite + chert bands, minor jasper, unit usually brecciated with quartz veins and stringers, minor pyrite with qtz veins oriented at 20 to 30 degrees CA, lower contact at 45 degrees CA	5476	59.2	60.6	1.4	289	300	-1	-1	-1
0	60.6	61.7	V7 - MAFIC VOLCANICS as before									
0	61.7	62.0	CONTACT ZONE - ALTERED CONTACT ZONE silicified and brecciated, more chloritic	5477	61.7	62.0	0.3	100	600	-1	-1	-1
0	62.0	62.5	DYKE - INTERMEDIATE DYKE fine grained									
0	62.5	63.0	CONTACT ZONE - ALTERED CONTACT ZONE as before	5478	62.5	63.0	0.5	20	-200	-1	-1	-1
0	63.0	65.6										

# PELE MOUNTAIN: MOSS LAKE-ARDEEN MINE PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au ppb	Ag ppb	Cu ppm	Zn ppm	Pb ppm
0	63.0	65.6	V7, amygdules - BASALT, amygdules; unit is fractured, brecciated and silicified with few irregular quartz stringers									
0	65.6	66.3	QTZ VEIN - QUARTZ VEIN, dark grey coloured quartz vein with 10% magnetite+1% pyrite, contacts are irregular, white quartz stringers at low angle to core but cutting mineralization	5479	65.6	66.3	0.7	788	1300	-1	-1	-1
0	66.3	66.9	V7 - MAFIC VOLCANICS as before	5480	66.3	66.9	0.6	100	200	-1	-1	-1
0	66.9	67.5	QTZ VEIN - QUARTZ VEIN black-grey colour, 50% magnetite and up to 18% pyrite, lower contact at 50 degrees CA, upper contact at 20 degrees CA, fractures cemented by white quartz stringers, barren of mineralization	5481	66.9	67.5	0.6	546	800	-1	-1	-1
0	67.5	70.7	DYKE - INTERMEDIATE DYKE quartz phenos ? Unit is fractured, minor disseminated py., chloritic clots, possibly rare feldspar phenos ?									
0	70.7	71.3	V7 - MAFIC VOLCANICS, as before, more chloritic									
0	71.3	74.0	IF BRECCIA - BRECCIATED IRON FORMATION, irregular block of chert, grey white colour, within chloritic matrix, patched of py 73.5 to 74 m., usually adjacent to magnetite rich blocks, breccia cemented by white qtz + fine dssmt pyrite	5482	73.0	74.0	1.0	8	200	-1	-1	-1
0	74.0	79.8	V7 - MAFIC VOLCANICS chloritic, ssty at 30 degrees CA, silicified and brecciated, possible bedding at 30 degrees CA (tuffs ?)									
0	79.8	83.0	3G - GABBRO sheared, medium grained, gradual upper contact, few irregular qtz stringers with minor py + trace mag.,	5494	81.5	82.0	0.5	6	-1	-1	-1	-1
0	83.0	84.2										



# PELE MOUNTAIN: MOSS LAKE-ARDEEN MINE PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au ppb	Ag ppb	Cu ppm	Zn ppm	Pb ppm
0	83.0	84.2	CONTACT ZONE - CONTACT ZONE ALTERED, brecciated gabbro, silicified with 10% irregular qtz strngs, minor dssmt pyrite, lower contact oriented at 40 degrees CA	5495	83.0	84.2	1.2	136	1	-1	-1	-1
0	84.2	93.0	MIN. ZONE - MINERALIZED ZONE, 84.2-86.5 dyke sericitized, silicified+albitized ? 2-3% py., 86.5-87.7 Qtz vein at 45 CA, minor py+cpy, 87.7-90.6 altered + silicified dyke ?, 90.6-91.3 more chloritic few qtz strngs, 91.3-92.0 highly sil., 92.0-93.0 chloritic + qtz vein	5496 5497 5498 5499 5500 5301 5302 5303	84.2 85.2 86.5 87.8 89.2 90.6 91.3 92.0	85.2 86.5 87.7 89.2 90.6 91.3 93.0	1.0 1.3 1.2 1.4 1.4 0.7 0.7 1.0	276 263 991 178 448 696 460 143	-1 -1 -1 -1 -1 -1 -1 -1	-1 -1 -1 -1 -1 -1 -1 -1	-1 -1 -1 -1 -1 -1 -1 -1	-1 -1 -1 -1 -1 -1 -1 -1
0	93.0	93.3	CONTACT ZONE - ALTERED MAFIC VOLCANICS silicified with quartz stringers at 40 degrees CA, minor pyrite.	5304	93.0	93.3	0.3	49	-1	-1	-1	-1
0	93.3	102.0	V7 - MAFIC VOLCANICS sheared, highly chloritic, core usually badly broken with fractures at low angle to core, 97.2-97.5 narrow qtz vein at 45 CA, semi massive pyrite at contacts of vein.	5305	97.2	97.5	0.3	10314	32000	-1	-1	-1

End of Lithology and Assays :

# PELE MOUNTAIN: MOSS LAKE-ARDEEN MINE PROJECT

**Hole:** P-FS-03-03

<b>Easting:</b>	-786	<b>Northing:</b>	228	<b>Elevation:</b>	100.00
<b>AltNorthing:</b>	0.00	<b>AltEasting:</b>	0.00	<b>AltElevation:</b>	0.00
<b>Azimuth:</b>	330.0	<b>Dip:</b>	-50.0	<b>Length:</b>	102.0 m.
<b>AltAzimuth:</b>	0.00				

**Hole Type:** NQ core

**Zone:**

**Contractor:** CHIBOUGAMAU DC

**Started:** 06/02/2003

**Finished:** 06/02/2003

**Logged By:** C. LAROCHE

**Claim:** 1172348 / <sup>1 H</sup>~~325~~

**Cemented:**

**Surveyed:**

**Township:** Moss Township, Thunder Bay Mining District

**Description:** Hole drilled on the "Pele" zone from the south to the north on Line 7+86W, CASING LEFT IN PLACE

# PELE MOUNTAIN: MOSS LAKE-ARDEEN MINE PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au ppb	Ag ppb	Cu ppm	Zn ppm	Pb ppm
0	0.0	2.0	OV - OVERBURDEN									
0	2.0	9.8	V7 - MAFIC VOLCANICS, green colour, fine grained, core locally badly broken, usually fractured with irregular quartz stringers and few veinlets. Quartz vein over 0.2m wide at beginning of hole bedrock ?									
0	9.8	16.1	IF BRECCIA - BRECCIATED IRON FORMATION, fragments angular to rounded within a chloritic matrix. Some more chloritic fragments are also visible within the chloritic matrix. 11.3-11.7m grey qtz vein at 50 CA, trace pyrite, 11.7-15.0m slivers of pyrite	5449 5450 5451	9.8 11.3 13.5	11.3 11.7 15.0	1.5 0.4 1.5	6 -5 5	-1 -1 -1	-1 -1 -1	-1 -1 -1	-1 -1 -1
0	16.1	18.0	V7 - MAFIC VOLCANICS fractured, locally slightly brecciated, few irregular quartz stringers.									
0	18.0	22.8	IF BRECCIA - BRECCIATED IRON FORMATION, fragments of grey to black chert within chloritic matrix, minor magnetite within matrix along with localized py cubes and pods, fractures across cherty fragments with minor pyrite	5452 5453	18.7 21.0	19.2 22.5	0.5 1.5	81 6	-1 -1	-1 -1	-1 -1	-1 -1
0	22.8	33.9	V7 - MAFIC VOLCANICS still fractured and brecciated, chloritized and carbonated, irregular qtz strngs locally at low angle to core, possible amygdules at 31.3m, ssty at 25-30 CA, unit becomes more coarse grained, chloritic and carbonated at lower contact.									
0	33.9	41.5	IF BRECCIA - BRECCIATED IRON FORMATION fragments of grey augular to sub-rounded chert within a matrix of magnetite, clots of pyrite within magnetite. Few bands of V7, ssty at 45 CA cut by IF breccia contacts locally at 90 CA. Matrix more chloritic at 39.0m	5454 5455 5456	35.1 36.6 40.5	36.6 38.2 41.5	1.5 1.6 1.0	18 7 6	-1 -1 200	-1 -1 -1	-1 -1 -1	-1 -1 -1
0	41.5	44.0	IF BRECCIA	5457	41.5	43.0	1.5	25	-200	-1	-1	-1

2. 2003

# PELE MOUNTAIN: MOSS LAKE-ARDEEN MINE PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au ppb	Ag ppb	Cu ppm	Zn ppm	Pb ppm
			- BRECCIATED IRON FORMATION, locally large patches (2 cm) of pyrite+pyrrhotite within chloritic matrix. 41.5 to 43.0m foliation at 30 degrees CA, still patches of py+po, 43.0-44.0m less cherty fragments									
0	44.0	51.6	V7	5458	44.0	44.3	0.3	-5	-200	-1	-1	-1
			- MAFIC VOLCANICS fine grained, highly chloritic, up to 10% fragments of chert, fractured, brecciated and carbonated, trace py+po, 2 narrow qtz veinlets dark grey colour with fine py along fractures from 44.15 to 47.6m, few strngs at low angle to core	5459	47.2	47.6	0.4	-5	-200	-1	-1	-1
0	51.6	52.4	IF BRECCIA	5460	51.6	52.4	0.8	15	-200	-1	-1	-1
			- BRECCIATED IRON FORMATION abundant 70% cherty fragments angular to sub-rounded, chlorite + magnetite matrix, clots of py+po									
0	52.4	54.0	V7									
			- MAFIC VOLCANICS, fractured, silicified, irregular strngs at 25 CA, narrow brecciated sections, weak ssty at 20 degrees CA, locally amygdules									
0	54.0	54.5	IF BRECCIA	5461	54.0	54.3	0.3	15	400	-1	-1	-1
			- BRECCIATED IRON FORMATION, much fragments with chloritic matrix 54 to 54.3m, 1.0% py+minor po along with 1.0% larger grains of magnetite									
0	54.5	61.0	V7									
			- MAFIC VOLCANICS, locally highly chloritic, slightly brecciated, numerous irregular qtz strngs, few sections of IF Breccia with minor py+mag									
0	61.0	62.7	IF BRECCIA	5462	61.0	62.7	1.7	8	200	-1	-1	-1
			- BRECCIATED IRON FORMATION 80% grey chert fragments in chloritic matrix, dssmt magnetite locally in stringers within matrix. Irregular grey qtz veinlets 1.0 cm wide with py cubes, upper and lower contacts at 70 degrees CA									
0	62.7	77.9	V7 / V4									
			- MAFIC TO INTERMEDIATE VOLCANICS, fine									

# PELE MOUNTAIN: MOSS LAKE-ARDEEN MINE PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au ppb	Ag ppb	Cu ppm	Zn ppm	Pb ppm
			to medium grained, grey green colour, numerous small chloritic clots defining foliation at 45 CA, faint layering at 45 degrees CA., sections with more qtz strngs appear more chloritic with trace py.									
0	77.9	78.9	CONTACT ZONE	5463	77.9	78.4	0.5	-5	-200	-1	-1	-1
			- ALTERED CONTACT ZONE highly altered intermediate to mafic volcanics, light grey green colour, silicified with minor py.	5464	78.4	78.9	0.5	1180	9200	-1	-1	-1
0	78.9	79.2	QTZ VEIN	5465	78.9	79.2	0.3	1935	19800	-1	-1	-1
			- QUARTZ VEIN, grey colour, contact 80 degrees CA, fine dssmt pyrite (1.0%) few clots of chalcopyrite usually along fractures.									
0	79.2	88.3	MIN ZONE	5466	79.2	79.7	0.5	477	4500	-1	-1	-1
			- MINERALIZED ZONE, highly altered mafic volcanics, silicified, sericitized, albitized ? 2% fine pyrite cubes, numerous feldspar porphyries	5467	79.7	80.2	0.5	324	3300	-1	-1	-1
			altered and flooded with quartz, qtz strngs and veinlets. Zone is slightly magnetic, weak foliation at 45 degrees CA.	5468	80.2	80.6	0.4	397	3000	-1	-1	-1
				5469	80.6	82.1	1.5	121	800	-1	-1	-1
				5470	82.1	83.1	1.0	3120	21200	-1	-1	-1
				5471	83.1	84.0	0.9	3460	23000	-1	-1	-1
				5472	84.0	84.7	0.7	1130	6800	-1	-1	-1
				5473	84.7	86.1	1.4	248	1700	-1	-1	-1
				5474	86.1	87.2	1.1	216	1300	-1	-1	-1
				5475	87.2	88.3	1.1	715	4300	-1	-1	-1
0	88.3	102.0	V7/ V4									
			- MAFIC TO INTERMEDIATE VOLCANICS, locally more chloritic, small amygdules up to 91.5m, locally rare fragments of chert ? sub-angular, at 92m less mafic more chloritic clots, rare qtz strngs, foliation at 45 degrees CA, minor felsite at 96.5m minor py.									

End of Lithology and Assays :

# PELE MOUNTAIN: MOSS LAKE-ARDEEN MINE PROJECT

**Hole:** P-FS-03-04

<b>Easting:</b>	-847	<b>Northing:</b>	257	<b>Elevation:</b>	100.00
<b>AltNorthing:</b>	0.00	<b>AltEasting:</b>	0.00	<b>AltElevation:</b>	0.00
<b>Azimuth:</b>	330.0	<b>Dip:</b>	-65.0	<b>Length:</b>	153.0 m.
<b>AltAzimuth:</b>	0.00				

**Hole Type:** NQ core

**Zone:**

**Contractor:** CHIBOUGAMAU DC

**Started:** 07/02/2003

**Finished:** 08/02/2003

**Logged By:** C. LAROCHE

**Claim:** 117234<sup>9</sup> / 33B

**Cemented:**

**Surveyed:**

**Township:** Moss Township, Thunder Bay Mining District

**Description:** Hole drilled under the "Pele" zone from south to north, CASING LEFT IN PLACE

# PELE MOUNTAIN: MOSS LAKE-ARDEEN MINE PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au ppb	Ag ppb	Cu ppm	Zn ppm	Pb ppm
0	0.0	2.0	OV - OVERBURDEN									
0	2.0	9.0	IF BRECCIA - BRECCIATED IRON FORMATION, fragments of mag.-rich cherty iron formation within a matrix of quartz, core silicified with numerous irregular hair-like qtz stringers, chloritic bands 0.3m wide with dssmt mag., are present	5306 5307 5308	2.8 4.9 6.7	3.5 6.0 8.2	0.7 1.1 1.5	22 -5 18	-1 -1 -1	-1 -1 -1	-1 -1 -1	-1 -1 -1
0	9.0	14.6	V7 - MAFIC VOLCANICS, usually chloritic, fractured; narrow bands of IF Breccia, lost core 14.0 to 14.3 m									
0	14.6	16.8	IF BRECCIA - BRECCIATED IRON FORMATION, fragments of chert + magnetite, minor chloritic matrix silicified with hair-like qtz stringers, minor py, locally up to 1.0 %, narrow strngs of semi- massive pyrite at 15.1m, 15.2 to 15.8m, minor feldspar porphyry as matrix.	5309 5310 5311 5312 5313	14.6 15.3 15.8 16.5 16.7	15.3 15.8 16.5 16.7 18.2	0.7 0.5 0.7 0.2 1.5	48 21 11 680 89	-1 -1 -1 -1 -1	-1 -1 -1 -1 -1	-1 -1 -1 -1 -1	-1 -1 -1 -1 -1
0	16.8	20.4	BRECCIA - BRECCIATED MAFIC VOLCANICS, fragments of chert within a matrix of fine grained porphyry, dssmt py within matrix, rare strngs + qtz-py veinlets, at 16.7m, one 0.1m wide qtz vein with irregular contacts	5314	18.2	19.7	1.5	24	-1	-1	-1	-1
0	20.4	23.2	IF BRECCIA - BRECCIATED IRON FORMATION, magnetite IF brecciated, upper contact 90 CA, lower contact 45 CA, 22.2m to 22.7m minor py within diffuse quartz vein	5315	22.2	22.7	0.5	38	-1	-1	-1	-1
0	23.2	29.8	1QFP - QUARTZ FELDSPAR PORPHYRY, grey green colour, qtz eyes, massive, fractured with hair-like qtz strngs, minor dssmt py, trace cpy, rounded fragments of qtz, 1 to 3 cm wide									
0	29.8	32.7	V7 - MAFIC VOLCANICS, with narrow band of cherty breccia which are also silicified, fractures at low angle to core, core locally badly broken.									

# PELE MOUNTAIN: MOSS LAKE-ARDEEN MINE PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au ppb	Ag ppb	Cu ppm	Zn ppm	Pb ppm
0	32.7	36.1	IF BRECCIA	5316	32.7	33.8	1.1	262	-1	-1	-1	-1
			- BRECCIATED IRON FORMATION, magnetite rich, brecciated and silicified, upper and lower contacts at 15 CA, at 34.5m mafic feldspar porphyry, core badly broken over 0.3m, 33.8 to 34.1m highly silicified, quartz flooding, locally 10% pyrite.	5317	33.8	34.1	0.3	135	-1	-1	-1	-1
				5318	34.1	34.5	0.4	67	-1	-1	-1	-1
				5319	34.9	36.1	1.2	143	-1	-1	-1	-1
0	36.1	42.0	V7 / V4 - MAFIC TO INTERMEDIATE VOLCANICS, grey green colour, fine grained, fractured with narrow qtz strngs, 39.3-40.5m highly fractured + irregular qtz strngs, 40.9-42.0m more chloritic syenite dyke, foliated locally	5320	39.3	40.5	1.2	19	-1	-1	-1	-1
0	42.0	45.4	IF BRECCIA	5321	42.0	43.5	1.5	145	-1	-1	-1	-1
			- BRECCIATED IRON FORMATION slightly magnetic, chert + magnetite fragments within a fine grained mineralized matrix	5322	43.5	44.9	1.4	19	-1	-1	-1	-1
				5323	44.9	45.4	0.5	26	-1	-1	-1	-1
0	45.4	45.9	3S - SYENITE DYKE medium grained, pinkish tint, contacts at 45 degrees CA									
0	45.9	50.3	V7 - MAFIC VOLCANICS altered, brecciated locally with cherty fragments surrounded by matrix rich in pyrite (2 to 3%)	5324	45.9	46.6	0.7	10	-1	-1	-1	-1
0	50.3	62.0	3S - SYENITE PORPHYRY, coarse grained feldspar within chloritic matrix, rare pyrite, upper contact parallel to lower contact at 45 CA.									
0	62.0	62.8	CONTACT ZONE - CONTACT ZONE with altered mafic volcanics, locally brecciated with chert fragments	5325	62.0	62.8	0.8	21	-1	-1	-1	-1
0	62.8	64.8	V7 - MAFIC VOLCANICS, weak schistosity at 40 degrees CA.									
0	64.8	65.7	CONTACT ZONE - CONTACT ZONE, highly silicified V& with irregular quartz stringers + quartz flooding, up to	5326	64.8	65.7	0.9	294	-1	-1	-1	-1



# PELE MOUNTAIN: MOSS LAKE-ARDEEN MINE PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au ppb	Ag ppb	Cu ppm	Zn ppm	Pb ppm
			1.0% disseminated pyrite									
0	65.7	68.8	3S - SYENITE PORPHYRY, upper contact at 45 degrees CA, < 1.0% disseminated pyrite	5327	65.7	66.0	0.3	76	-1	-1	-1	-1
0	68.8	83.0	V7, sheared - MAFIC VOLCANICS, highly sheared at low angle to core, irregular quartz "boudins" + minor pyrite.	5328	82.0	83.0	1.0	106	-1	-1	-1	-1
0	83.0	84.3	V7 - MAFIC VOLCANICS, massive few irregular quartz stringers.									
0	84.3	86.3	ALTERED ZONE - ALTERED ZONE; 84.4-85.4m silicified V7, also carbonated, fractured with irregular qtz strngs, 85.4-86.3m beige colour felsic dyke with fine disseminated pyrite about 1.0%	5329 5330	84.4 85.4	85.4 86.3	1.0 0.9	139 75	-1 -1	-1 -1	-1 -1	-1 -1
0	86.3	96.6	MIN ZONE - MINERALIZED ZONE, highly alt (+albite ?) and silicified zone with 2 to 3% pyrite dissmt. Grey qtz veins at 87.3-88.0m, 93.5 to 94.5m and 95.9-96.6m, minor cpy along with py in qtz veins, fragments of V7 present with feldspar porphyry dykes, ssty 45 CA	5331 5332 5333 5334 5335 5336 5337 5338 5339 5340	86.3 87.3 88.0 89.2 90.4 91.5 92.5 93.5 94.5 95.9	87.3 88.0 89.2 90.4 91.5 92.5 93.5 94.5 95.9	1.0 0.7 1.2 1.2 1.1 1.0 1.0 1.0 1.4 0.7	1718 9318 239 7861 900 528 2275 535 267 184	-1 54000 -1 26500 -1 -1 -1 -1 -1 -1	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1	
0	96.6	98.5	ALTERED ZONE - ALTERED ZONE highly silicified, upper contact at 50 CA, lower contact at low angle to core, minor pyrite	5341 5342	96.6 97.0	97.0 98.5	0.4 1.5	49 10	-1 -1	-1 -1	-1 -1	-1 -1
0	98.5	102.5	V7 - MAFIC VOLCANICS locally coarse grained, sheared gabbro?	5343	102.0	102.5	0.5	166	-1	-1	-1	-1
0	102.5	103.0	QTZ VEIN - QUARTZ VEIN, " pitted" weathered carbonates, vein at 45 CA, minor pyrite, altered contacts over 0.5m on both sides, minor dssmt pyrite in wallrock.	5344	102.5	103.0	0.5	924	-1	-1	-1	-1
0	103.0	106.5										

# PELE MOUNTAIN: MOSS LAKE-ARDEEN MINE PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au ppb	Ag ppb	Cu ppm	Zn ppm	Pb ppm
0	103.0	106.5	V7 - MAFIC VOLCANICS as before, still fractured	5345	103.0	103.5	0.5	69	-1	-1	-1	-1
0	106.5	126.0	3G - GABBRO, sheared gabbro, inclusions of V7, upper contact at 40 CA, rare qtz strngs, core locally badly broken (113.0m), lower contact parallel to core, 122.0-123.0m altered with irregular qtz strngs + minor pyrite	5346	122.0	123.0	1.0	-5	-1	-1	-1	-1
0	126.0	135.3	V7 - MAFIC VOLCANICS, slightly sheared at low angle to core									
0	135.5	136.7	INT DYKE - INTERMEDIATE DYKE, medium grained, contacts at 70 degrees CA									
0	136.7	137.5	V7 - MAFIC VOLCANICS, as before									
0	137.5	153.0	INT DYKE - INTERMEDIATE DYKE, fine to medium grained, trace pyrite, upper contact at 45 CA, 137.5-146.2m fairly massive ssty at low angle to core, qtz strng at 146.2m low angle to CA, unit becomes more silicified with irregular qtz veinlets toward 153m.	5347 5348	146.2 148.5	146.7 148.9	0.5 0.4	47 24	-1 -1	-1 -1	-1 -1	-1 -1

End of Lithology and Assays :



**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: PELE MOUNTAIN RESOURCES  
 2200 YONGE ST, STE 1002  
 TORONTO ON M4S 2C6

Page #: 1  
 Date: 27-Feb-2003  
 Account: OCE

MAY-23-03 11:27A

**CERTIFICATE TB03003759**

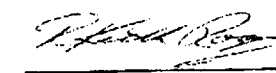
Project :  
 P.O. No:  
 This report is for 27 DRILL CORE samples submitted to our lab in Thunder Bay, ON, Canada on 15-Feb-2003.  
 The following have access to data associated with this certificate:  
 ALAN SHEFSKY

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
Au-AA23	Au 30g FA-AA finish	AAS
Ag-AA45	Trace Ag - aqua regia/AAS	AAS

To: PELE MOUNTAIN RESOURCES  
 ATTN: ALAN SHEFSKY  
 2200 YONGE ST, STE 1002  
 TORONTO ON M4S 2C6

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

Signature: 

P.02



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 North Vancouver BC V7J 2C1 Canada  
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 2200 YONGE ST, STE 1002  
 TORONTO ON M4S 2C6

Page #: 2 - A  
 Total # of pages : 2 (A)  
 Date : 27-Feb-2003  
 Account: OCE

**CERTIFICATE OF ANALYSIS TB03003759**

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Ag-AA45
		Recvd Wt kg 0.02	Au ppb 5	Ag ppm 0.2
5456		2.41	6	0.2
5457		3.35	25	0.2
5458		0.75	<5	<0.2
5459		1.12	<5	<0.2
5460		1.47	15	<0.2
5461		1.03	15	0.4
5462		4.33	8	<0.2
5463		1.16	<5	<0.2
5464		1.36	1180	9.2
5465		0.73	1935	19.8
5466		1.45	477	4.5
5467		1.23	324	3.3
5468		1.01	397	3.0
5469		4.46	121	0.8
5470		3.05	3120	21.2
5471		2.39	3460	23.0
5472		2.04	1130	6.8
5473		3.41	248	1.7
5474		2.90	216	1.3
5475		2.67	715	4.3
5476		3.48	289	0.3
5477		0.70	100	0.6
5478		0.79	20	<0.2
5479		1.69	788	1.3
5480		1.74	100	0.2
5481		1.58	546	0.8
5482		2.31	8	0.2

May-23-03 11:28A

P.03



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To: PELE MOUNTAIN RESOURCES  
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Page #: 1  
 Date : 27-Feb-2003  
 Account: OCE

May-23-03 11:28A

**CERTIFICATE TB03003708**

Project : MOSS  
 P.O. No:  
 This report is for 55 DRILL CORE samples submitted to our lab in Thunder Bay, ON, Canada on 14-Feb-2003.  
 The following have access to data associated with this certificate:  
 ALAN SHEFSKY

**SAMPLE PREPARATION**

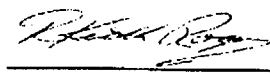
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: PELE MOUNTAIN RESOURCES  
 ATTN: ALAN SHEFSKY  
 2200 YONGE ST, STE 1002  
 TORONTO ON M4S 2C6

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

Signature: 



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Page #: 2 - A  
 Total # of pages : 3 (A)  
 Date : 27-Feb-2003  
 Account: OCE

Project : MOSS

**CERTIFICATE OF ANALYSIS TB03003708**

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23
		Recvd Wt kg 0.02	Au ppb 5
05401		2.40	456
05402		2.90	315
05403		2.09	573
05404		1.10	1415
05405		2.20	57
05406		2.30	252
05407		1.60	28
05408		2.60	25
05409		2.20	49
05410		2.10	26
05411		3.50	52
05412		3.20	18
05413		2.60	11
05414		1.90	18
05415		2.10	98
05416		1.30	11
05417		1.80	152
05418		1.90	109
05419		0.75	64
05420		0.80	49
05421		0.80	93
05422		2.01	156
05423		2.50	24
05424		1.10	19
05425		2.20	36
05426		2.30	21
05427		1.80	49
05428		2.05	29
05429		2.60	48
05430		2.20	202
05431		3.50	14
05432		3.40	41
05433		3.40	122
05434		3.10	176
05435		2.98	627
05436		0.98	68
05437		3.40	138
05438		3.50	432
05439		3.60	422
05440		3.60	139



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TORONTO ON M4S 2C6

Page #: 3 - A  
Total # of pages : 3 (A)  
Date : 27-Feb-2003  
Account: OCE

Project : MOSS

## CERTIFICATE OF ANALYSIS TB03003708

Sample Description	Method Analyte Units LOR	WEI-21	AU-AA23
		Recvd Wt kg 0.02	Au ppb 5
05441		1.20	261
05442		1.30	113
05443		4.30	32
05444		1.20	40
05445		1.40	68
05446		1.70	3750
05447		1.40	202
05448		2.40	35
05449		3.60	6
05450		1.30	<5
05451		3.90	5
05452		3.60	81
05453		3.80	6
05454		4.10	18
05455		4.20	7

MAY-23-03 11:29A

P.06

# Accurassay Laboratories

1070 Lithium Dr.  
 Unit #2  
 Thunder Bay, ON P7B 6G3  
 Canada

# INVOICE

Invoice No.: 81425  
 Date: 28-Feb-2003  
 Page: 1

**Sold To:**

Pele Mountain Resources Inc.  
 Alan Shefsky  
 Suite 1002  
 2200 Yonge Street East  
 Toronto, Ontario M4S 2C6  
 Canada

**Ship To:**

Pele Mountain Resources Inc.  
 Alan Shefsky  
 Suite 1002  
 2200 Yonge Street East  
 Toronto, Ontario M4S 2C6  
 Canada

Business No.: 100294768

Quantity	Unit	Description	GST	PST	Unit Price	Amount
Job# 200340104						
SP4.50	7 Each	Sample Prep	3	0.00	4.50	31.50
Au8.25	7 Each	Gold FA/AA	3	0.00	8.25	57.75
Subtotal:						89.25
3 - GST @ 7.0%						6.25
Terms: Net 30 Due 30-Mar-2003						
<b>Comments</b>					<b>Freight</b>	0.00
Terms net 30 days, 2.5% per month on overdue accounts.					<b>PST</b>	0.00
					<b>Total Amount</b>	95.50





A DIVISION OF ASSAY LABORATORY SERVICES INC.  
MINERAL ASSAY DIVISION



1070 LITHIUM DRIVE, UNIT 2 THUNDER BAY, ONTARIO P7B 6G3  
PHONE (807) 626-1630 FAX (807) 623 6820 EMAIL accuracy@lbatel.net WEB www accurassay.com

### Certificate of Analysis

Thursday, February 27, 2003

Pele Mountain Resources  
2200 Yonge St.  
Toronto, ON, CA  
M4S2C6  
Ph#: (416) 368-7224  
Fax#: (416) 368-7230  
Email

Date Received : 25-Feb-03  
Date Completed : 27-Feb-03  
Job # 200340104  
Reference :

Sample # : 7 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
5537	5498	991	0.029	0.991
5538	5337	2275	0.066	2.275
5539	5338	535	0.016	0.535
5540	5339	267	0.008	0.267
5541	5340	184	0.005	0.184
5542	5341	49	0.001	0.049
5543	5342	9	<0.001	0.009
5544 Check	5342	11	<0.001	0.011

PROCEDURE CODES: AL-AN-1

Certified By: 

AL-2003-0251-0222-003-01-15-PK1

# Accurassay Laboratories

1070 Lithium Dr.  
 Unit #2  
 Thunder Bay, ON P7B 6G3  
 Canada

# INVOICE

Invoice No.: 81424  
 Date: 28-Feb-2003  
 Page: 1

**Sold To:**

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 Alan Shefsky  
 Suite 1002  
 2200 Yonge Street East  
 Toronto, Ontario M4S 2C6  
 Canada

**Ship To:**

Pele Mountain Resources Inc.  
 Alan Shefsky  
 Suite 1002  
 2200 Yonge Street East  
 Toronto, Ontario M4S 2C6  
 Canada

Business No.: 100294768

Item No.	Quantity	Unit	Description	GST	PST	Unit Price	Amount
			Job# 200340086				
SP4.50	17	Each	Sample Prep	3	0.00	4.50	76.50
Au8.25	17	Each	Gold FA/AA	3	0.00	8.25	140.25
			Subtotal:				216.75
			3 - GST @ 7.0%				15.17
Terms: Net 30 Due 30-Mar-2003							
<b>Comments</b>							
Terms net 30 days, 2.5% per month on overdue accounts.							
							0.00
							0.00



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## Certificate of Analysis

Monday, February 24, 2003

Pele Mountain Resources  
2200 Yonge St.  
Toronto, ON, CA  
M4S2C6  
Ph#: (416) 368-7224  
Fax#: (416) 368-7230  
Email

Date Received : 19-Feb-03  
Date Completed : 24-Feb-03  
Job # 200340086  
Reference :  
Sample #: 17 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
4189	5301	696	0.020	0.696
4190	5302	460	0.013	0.460
4191	5303	143	0.004	0.143
4192	5304	49	0.001	0.049
4193	5329	139	0.004	0.139
4194	5330	75	0.002	0.075
4195	5331	1718	0.050	1.718
4196	5332	9318	0.272	9.318
4197	5333	239	0.007	0.239
4198	5334	8027	0.234	8.027
4199 Check	5334	7694	0.224	7.694
4200	5335	900	0.026	0.900
4201	5336	528	0.015	0.528
4202	5495	136	0.004	0.136
4203	5496	276	0.008	0.276
4204	5497	263	0.008	0.263
4205	5499	178	0.005	0.178
4206	5500	448	0.013	0.448

PROCEDURE CODES: AL (Au)

Certified By:

AL 20030224 11:30 AM

# Accurassay Laboratories

1070 Lithium Dr.  
 Unit #2  
 Thunder Bay, ON P7B 6G3  
 Canada

# INVOICE

Invoice No.: 81423  
 Date: 28-Feb-2003  
 Page: 1

**Sold To:**

Pele Mountain Resources Inc.  
 Alan Shefsky  
 Suite 1002  
 2200 Yonge Street East  
 Toronto, Ontario M4S 2C6  
 Canada

**Ship To:**

Pele Mountain Resources Inc.  
 Alan Shefsky  
 Suite 1002  
 2200 Yonge Street East  
 Toronto, Ontario M4S 2C6  
 Canada

Business No.: 100294768

Item No.	Quantity	Unit	Description	GST	PST	Unit Price	Amount
			Job# 200340080				
SP4.50	42	Each	Sample Prep	3	0.00	4.50	189.00
Au8.25	42	Each	Gold FA/AA	3	0.00	8.25	346.50
			Subtotal:				535.50
			3 - GST @ 7.0%				37.49
			Terms: Net 30 Due 30-Mar-2003				
<b>Comments</b>						<b>Freight</b>	0.00
Terms net 30 days, 2.5% per month on overdue accounts.						<b>PST</b>	0.00
						<b>Total Amount</b>	572.99



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PHONE (807) 626-1630 FAX (807) 623 6820 EMAIL accuracy@tbaytel.net WEB www accurassay.com

## Certificate of Analysis

Tuesday, February 18, 2003

Pele Mountain Resources  
2200 Yonge St.  
Toronto, ON, CA  
M4S2C6  
Ph#: (416) 368-7224  
Fax#: (416) 368-7230  
Email

Date Received : 17-Feb-03  
Date Completed : 18-Feb-03  
Job # 200340080  
Reference :  
Sample # : 42 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
3509	5483	<5	<0.001	<0.005
3510	5484	8	<0.001	0.008
3511	5485	<5	<0.001	<0.005
3512	5486	34	<0.001	0.034
3513	5487	133	0.004	0.133
3514	5488	<5	<0.001	<0.005
3515	5489	<5	<0.001	<0.005
3516	5490	7	<0.001	0.007
3517	5491	<5	<0.001	<0.005
3518	5492	<5	<0.001	<0.005
3519 Check	5492	6	<0.001	0.006
3520	5493	9	<0.001	0.009
3521	5494	6	<0.001	0.006
3522	5305	10314	0.301	10.314
3523	5306	22	<0.001	0.022
3524	5307	<5	<0.001	<0.005
3525	5308	18	<0.001	0.018
3526	5309	48	0.001	0.048
3527	5310	21	<0.001	0.021
3528	5311	11	<0.001	0.011
3529 Check	5311	10	<0.001	0.010
3530	5312	680	0.020	0.680
3531	5313	89	0.003	0.089

PROCEDURE CODES: AL4A03

Certified By: 

AL903-0053-02/18/2003 03:03 PM



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### Certificate of Analysis

Tuesday, February 18, 2003

Pele Mountain Resources  
2200 Yonge St.  
Toronto, ON, CA  
M4S2C6  
Ph#: (416) 368-7224  
Fax#: (416) 368-7230  
Email

Date Received : 17-Feb-03  
Date Completed : 18-Feb-03  
Job # 200340080  
Reference :  
Sample # : 42 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
3532	5314	24	<0.001	0.024
3533	5315	38	0.001	0.037
3534	5316	262	0.008	0.262
3535	5317	135	0.004	0.135
3536	5318	67	0.002	0.067
3537	5319	143	0.004	0.143
3538	5320	23	<0.001	0.023
3539 Check	5320	15	<0.001	0.015
3540	5321	145	0.004	0.145
3541	5322	19	<0.001	0.019
3542	5323	26	<0.001	0.026
3543	5324	10	<0.001	0.010
3544	5325	21	<0.001	0.021
3545	5326	294	0.009	0.294
3546	5327	76	0.002	0.076
3547	5328	106	0.003	0.106
3548	5343	171	0.005	0.171
3549 Check	5343	160	0.005	0.160
3550	5344	924	0.027	0.924
3551	5345	69	0.002	0.069
3552	5346	<5	<0.001	<0.005
3553	5347	47	0.001	0.047
3554	5348	24	<0.001	0.024

PROCEDURE CODES: AL4Au3

Certified By: 

AL903-0053-02/18/2003 03:03 PM

# Accurassay Laboratories

1070 Lithium Dr.

Unit #2

Thunder Bay, ON P7B 6G3

Canada

# INVOICE

Invoice No.: 81398

Date: 14-Mar-2003

Page: 1

**Sold To:**

Pele Mountain Resources Inc.  
 Alan Shefsky  
 Suite 1002  
 2200 Yonge Street East  
 Toronto, Ontario M4S 2C6  
 Canada

**Ship To:**

Pele Mountain Resources Inc.  
 Alan Shefsky  
 Suite 1002  
 2200 Yonge Street East  
 Toronto, Ontario M4S 2C6  
 Canada

Business No.: 100294768

Item No.	Quantity	Unit	Description	GST	EST	Unit Price	Amount
Pulp29.50	5	Each	Job# 200340129 Pulp Metalics - Gold	3	0.00	29.50	147.50
			Subtotal:				147.50
			3 - GST @ 7.0%				10.33
			Terms: Net 30 Due 13-Apr-2003				
<b>Comments</b>							
Terms net 30 days. 2.5% per month on overdue accounts.						Freight	0.00
						ST	0.00
						<b>Total Amount</b>	<b>157.83</b>



A DIVISION OF ASSAY LABORATORY SERVICES INC.  
MINERAL ASSAY DIVISION



1070 LITHIUM DRIVE, UNIT 2 THUNDER BAY, ONTARIO P7B 6G3  
PHONE (807) 626-1630 FAX (807) 623 6820 EMAIL accuracy@tbaytel.net WEB www accurassay.com

## Certificate of Analysis

Thursday, March 06, 2003

Pele Mountain Resources  
2200 Yonge St.  
Toronto, ON, CA  
M4S2C6  
Ph#: (416) 368-7224  
Fax#: (416) 368-7230  
Email info@pelemountain.com

Date Received : 03-Apr-03  
Date Completed : 05-Mar-03  
Job # 200340129

Reference :  
Sample #: 5 Pulp's

### METALLICS GOLD

Accurassay #	Client Id	#1 Pulp Assay g/t	#2 Pulp Assay g/t	Metallics Assay g/t	Total g/t	% Met. in Pulp	Pulp Met. Weight(g)
7897	5498	0.166	0.151	0.948	0.168	1.18%	11.77
7898	5333	0.51	0.562	0.386	0.535	0.81%	7.25
7899	5337	1.862	1.892	1.946	1.880	4.97%	49.69
7900	5338	0.253	0.239	0.453	0.251	2.55%	23.44
7901	5340	0.914	0.863	0.292	0.861	4.65%	43.47

PROCEDURE CODES: AL4PM

Certified By: 

AL9084053-03/06/2003 07:26 AM



# Accurassay Laboratories

# INVOICE

1070 Lithium Dr.  
 Unit #2  
 Thunder Bay, ON P7B 6G3  
 Canada

Invoice No.: 81397  
 Date: 14-Mar-2003  
 Page: 1

**Sold To:**

Pele Mountain Resources Inc.  
 Alan Shefsky  
 Suite 1002  
 2200 Yonge Street East  
 Toronto, Ontario M4S 2C6  
 Canada

**Ship To:**

Pele Mountain Resources Inc.  
 Alan Shefsky  
 Suite 1002  
 2200 Yonge Street East  
 Toronto, Ontario M4S 2C6  
 Canada

Business No.: 100294768

Item No.	Quantity	Unit	Description	Cost	ST	Unit Price	Amount
BaseF4.50	3	Each	Job# 200340130 Geochemical - Ag	3	0.00	4.50	13.50
			Subtotal:				13.50
			3 - GST @ 7.0%				0.95
			Terms: Net 30 Due 13-Apr-2003				
<b>Comments</b>						<b>Freight</b>	0.00
Terms net 30 days, 2.5% per month on overdue accounts.						<b>PST</b>	0.00
						<b>Total Amount</b>	14.45



A DIVISION OF ASSAY LABORATORY SERVICES INC.  
MINERAL ASSAY DIVISION



1070 LITHIUM DRIVE, UNIT 2 THUNDER BAY, ONTARIO P7B 6G3  
PHONE (807) 626-1630 FAX (807) 623 6820 EMAIL accuracy@tbaytel.net WEB www accurassay.com

### Certificate of Analysis

Thursday, March 06, 2003

Pele Mountain Resources  
2200 Yonge St.  
Toronto, ON, CA  
M4S2C6  
Ph#: (416) 368-7224  
Fax#: (416) 368-7230  
Email info@pelemountain.com

Date Received : 03-Apr-03  
Date Completed : 05-Mar-03  
Job # 200340130  
Reference :  
Sample #: 3 Pulp's

Accurassay #	Client Id	Ag ppm	Co ppm	Cu ppm	Fe ppm	Ni ppm	Pb ppm	Zn ppm
7902	5305	32						
7903	5332	54						
7904	5334	25						
7905 Check	5334	28						

PROCEDURE CODES: ALMAG

Certified By: 

AL901-0053-01/06/2003 08:11 AM

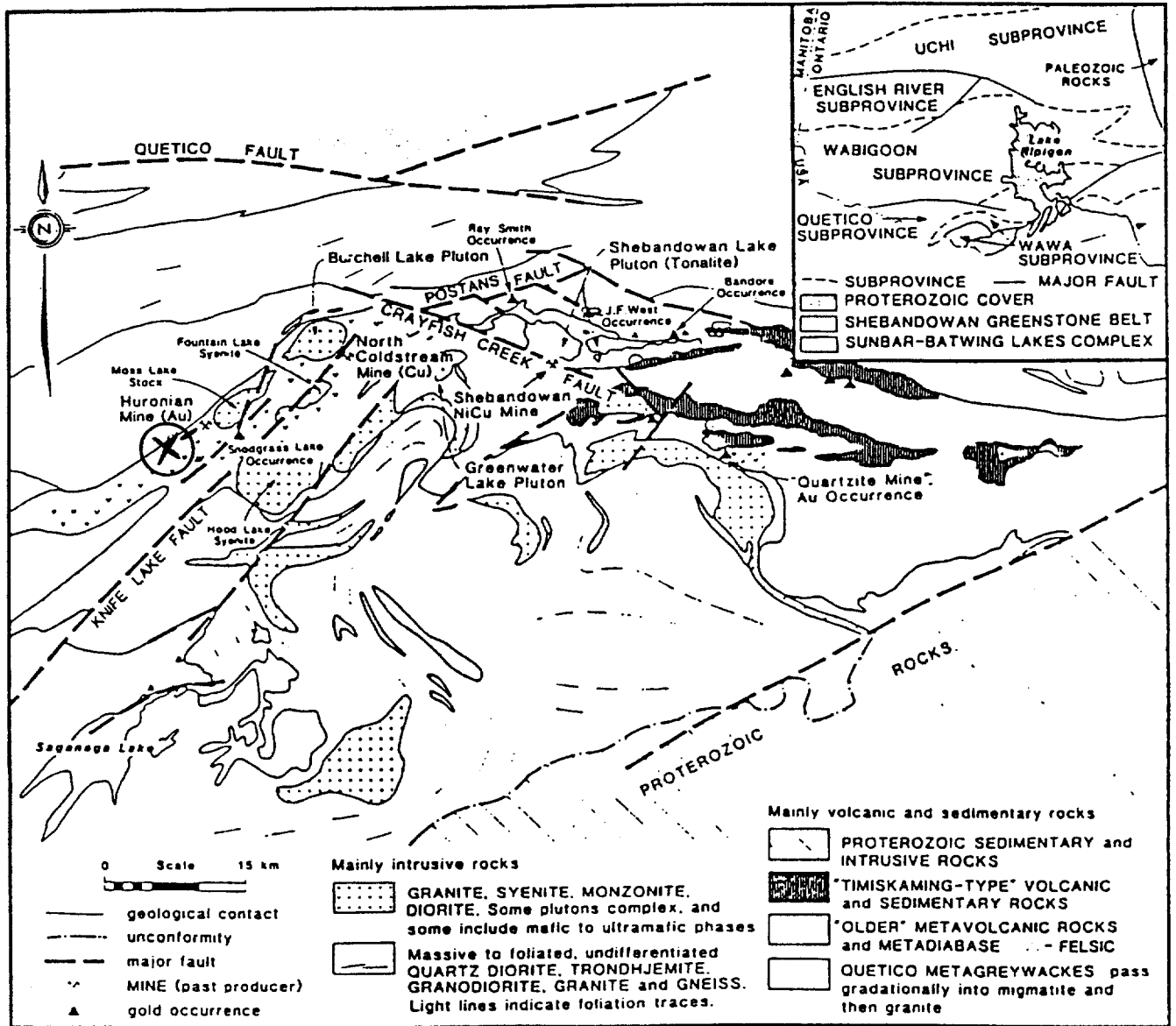


Figure 1: Location Map

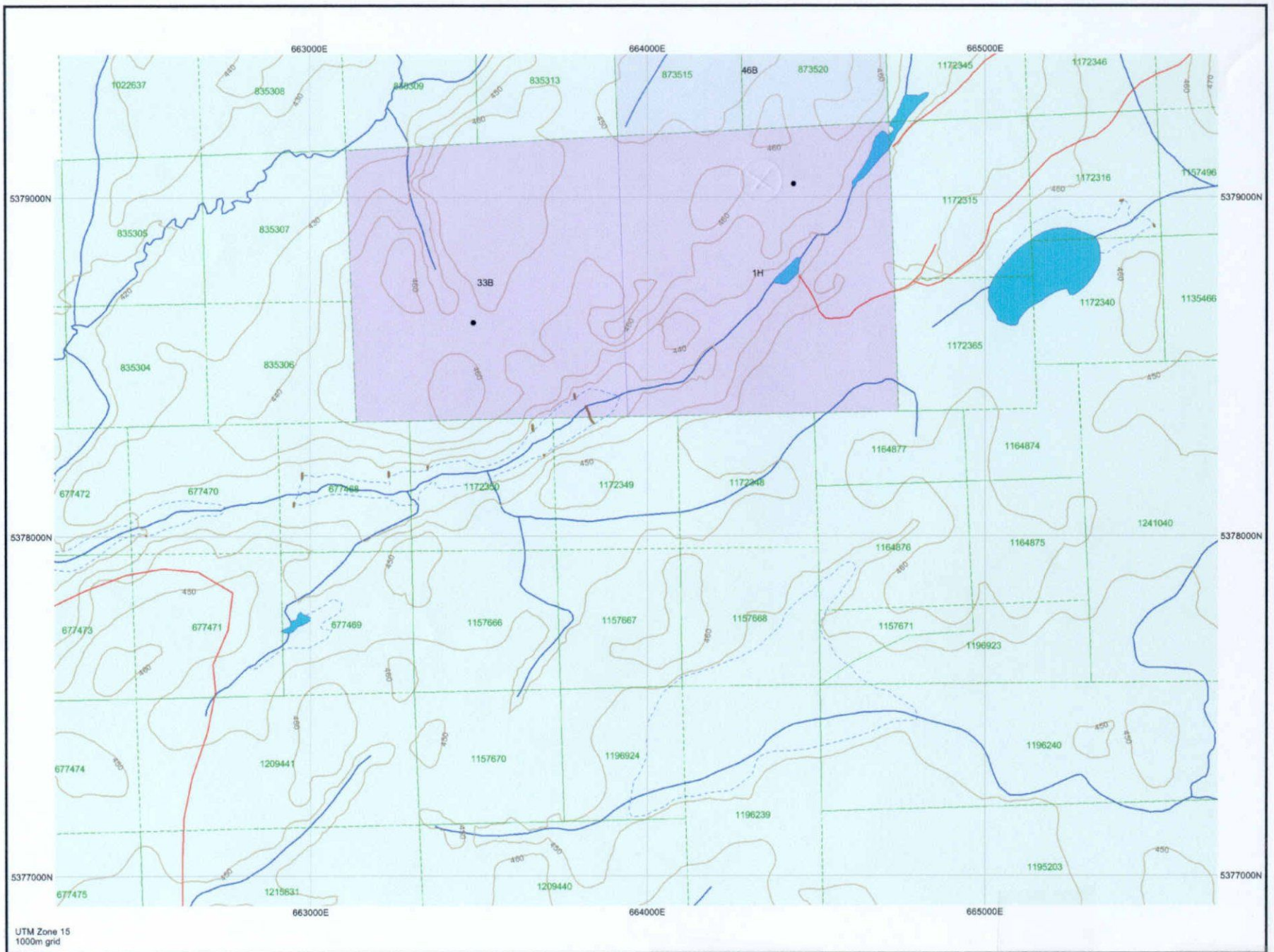


Figure 2: Sketch of Claims

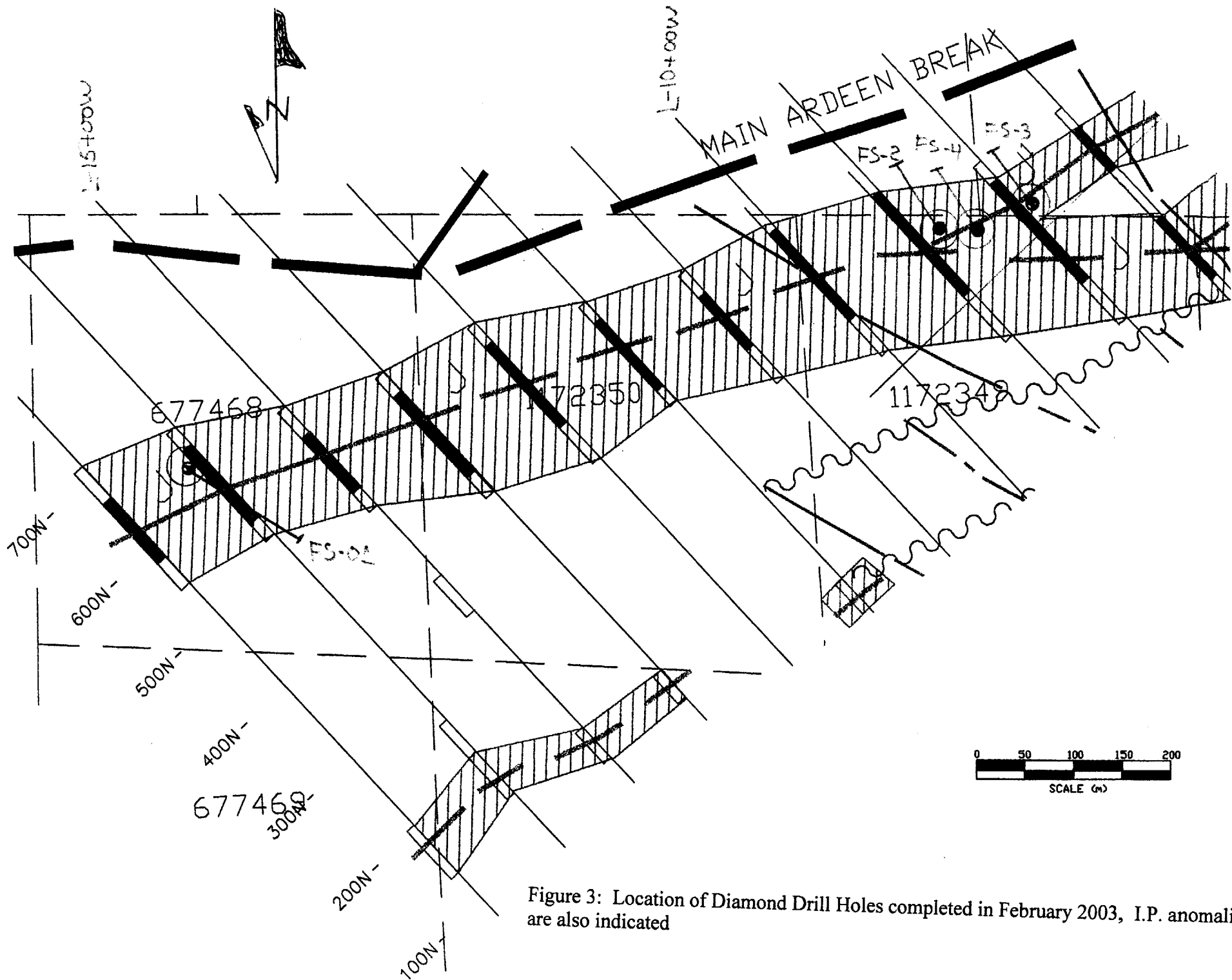


Figure 3: Location of Diamond Drill Holes completed in February 2003, I.P. anomalies are also indicated





This is a view of the mineralization “**PELE ZONE**” intersected in hole P-FS-03-03 from 78.0 metres to 88.3 metres along the drill hole drilled at  $-50$  degrees on line 7+85W. Mafic volcanics have been sheared, intruded by a felsic dyke/feldspar porphyry. The dyke itself is highly altered (sericite, albite ?, quartz flooding, quartz veining and pyritization 2%). Quartz veins up to 1.0 metre, are more dominant at the contact of the dyke, within the wall rock. These veins are usually mineralized with dominantly pyrite, with lesser amount of chalcopyrite, tellurides, galena ?.

The scale at the top of the picture is marked in 0.10 metres

## Work Report Summary

Transaction No: W0340.01140 Status: APPROVED  
 Recording Date: 2003-JUL-11 Work Done from: 2003-FEB-03  
 Approval Date: 2003-JUL-15 to: 2003-FEB-08

Client(s):  
 302937 PELE MOUNTAIN RESOURCES INC.



Survey Type(s):  
 ASSAY PDRILL 52B10SW2014 2.25954 MOSS

900

### Work Report Details:

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
G 4000001	\$12,881	\$12,881	\$0	\$0	\$12,881	12,881	\$0	\$0	
G 4000439	\$12,628	\$12,628	\$0	\$0	\$12,628	12,628	\$0	\$0	
TB 677468	\$23,488	\$23,488	\$0	\$0	\$23,488	23,488	\$0	\$0	2007-JAN-25
TB 786521	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-08
TB 786522	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-08
TB 786523	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-08
TB 786524	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-08
TB 786525	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-08
TB 786526	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-08
TB 786527	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-08
TB 786528	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-08
TB 786529	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-08
TB 786541	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-26
TB 786542	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-26
TB 786543	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-26
TB 786544	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-26
TB 813157	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-26
TB 813158	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-26
TB 813159	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-26
TB 813160	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-26
TB 813161	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-26
TB 813162	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-26
TB 813163	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-26
TB 813164	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-26
TB 813165	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-26
TB 813166	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-26
TB 835178	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-NOV-27
TB 835179	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-NOV-27
TB 835184	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-NOV-27
TB 835195	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-NOV-27
TB 835304	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-DEC-03
TB 835305	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-DEC-03
TB 835306	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-DEC-03
TB 835307	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-DEC-03
TB 835308	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-DEC-03





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84

78



## Work Report Summary

**Transaction No:** W0340.01140

**Status:** APPROVED

**Recording Date:** 2003-JUL-11

**Work Done from:** 2003-FEB-03

**Approval Date:** 2003-JUL-15

**to:** 2003-FEB-08

**Work Report Details:**

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
TB 835309	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-DEC-30
TB 835310	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-DEC-30
TB 835311	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-DEC-30
TB 835312	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-DEC-30
TB 835313	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-DEC-30
TB 873515	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-DEC-30
TB 873516	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-DEC-30
TB 873517	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-DEC-30
TB 873518	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-DEC-30
TB 873522	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-APR-21
TB 1022635	\$0	\$0	\$72	\$72	\$0	0	\$0	\$0	2005-FEB-06
TB 1022636	\$0	\$0	\$1,200	\$1,200	\$0	0	\$0	\$0	2005-JAN-27
TB 1022637	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2005-JAN-27
TB 1172349	\$19,573	\$19,573	\$0	\$0	\$19,488	19,488	\$85	\$85	2007-OCT-31
TB 1172366	\$0	\$0	\$13	\$13	\$0	0	\$0	\$0	2004-NOV-01
TB 1172369	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-NOV-01
TB 1172387	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-NOV-01
TB 1172388	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-NOV-01
TB 1196147	\$0	\$0	\$1,600	\$1,600	\$0	0	\$0	\$0	2004-OCT-04
TB 1196239	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2005-APR-19
TB 1196240	\$0	\$0	\$1,600	\$1,600	\$0	0	\$0	\$0	2005-APR-19
TB 1202036	\$0	\$0	\$1,600	\$1,600	\$0	0	\$0	\$0	2005-JAN-12
TB 1202264	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2004-AUG-11
TB 1202265	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2004-AUG-11
TB 1202302	\$0	\$0	\$2,400	\$2,400	\$0	0	\$0	\$0	2004-SEP-16
TB 1209470	\$0	\$0	\$1,600	\$1,600	\$0	0	\$0	\$0	2004-AUG-23
TB 1209770	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2005-JAN-16
TB 1210243	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2005-APR-24
TB 1210245	\$0	\$0	\$1,200	\$1,200	\$0	0	\$0	\$0	2005-APR-29
TB 1210776	\$0	\$0	\$1,200	\$1,200	\$0	0	\$0	\$0	2004-AUG-14
TB 1215450	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2004-AUG-14
TB 1215451	\$0	\$0	\$3,200	\$3,200	\$0	0	\$0	\$0	2004-AUG-14
TB 1215452	\$0	\$0	\$3,200	\$3,200	\$0	0	\$0	\$0	2004-AUG-14
TB 1215453	\$0	\$0	\$6,000	\$6,000	\$0	0	\$0	\$0	2004-AUG-14
TB 1215454	\$0	\$0	\$4,000	\$4,000	\$0	0	\$0	\$0	2004-AUG-14
TB 1215760	\$0	\$0	\$1,200	\$1,200	\$0	0	\$0	\$0	2005-MAY-06
TB 1217105	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-DEC-13
TB 1224629	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2004-AUG-11
TB 3001505	\$0	\$0	\$8,800	\$8,800	\$0	0	\$0	\$0	2006-FEB-07
TB 3001506	\$0	\$0	\$3,200	\$3,200	\$0	0	\$0	\$0	2006-FEB-07



Date: 2003-JUL-16

GEOSCIENCE ASSESSMENT OFFICE  
933 RAMSEY LAKE ROAD, 6th FLOOR  
SUDBURY, ONTARIO  
P3E 6B5

PELE MOUNTAIN RESOURCES INC.  
2200 YONGE STREET #1002  
TORONTO, ONTARIO  
M4S 2C6 CANADA

Tel: (888) 415-9845  
Fax: (877) 670-1555

**Submission Number:** 2.25954  
**Transaction Number(s):** W0340.01140

Dear Sir or Madam

**Subject: Approval of Assessment Work**

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

If you have any question regarding this correspondence, please contact STEVEN BENETEAU by email at [steve.beneteau@ndm.gov.on.ca](mailto:steve.beneteau@ndm.gov.on.ca) or by phone at (705) 670-5855.

Yours Sincerely,



Ron Gashinski  
Senior Manager, Mining Lands Section

**Cc:** Resident Geologist

Pele Mountain Resources Inc.  
(Claim Holder)

Assessment File Library

Pele Mountain Resources Inc.  
(Assessment Office)



52B10SW2014 2.25954 MOSS

200

ONTARIO  
CANADA

MINISTRY OF NORTHERN  
DEVELOPMENT AND MINES  
PROVINCIAL MINING  
RECORDERS' OFFICE

Mining Land Tenure  
Map

Date / Time of Issue: Wed Jul 16 08:58:30 EDT 2003

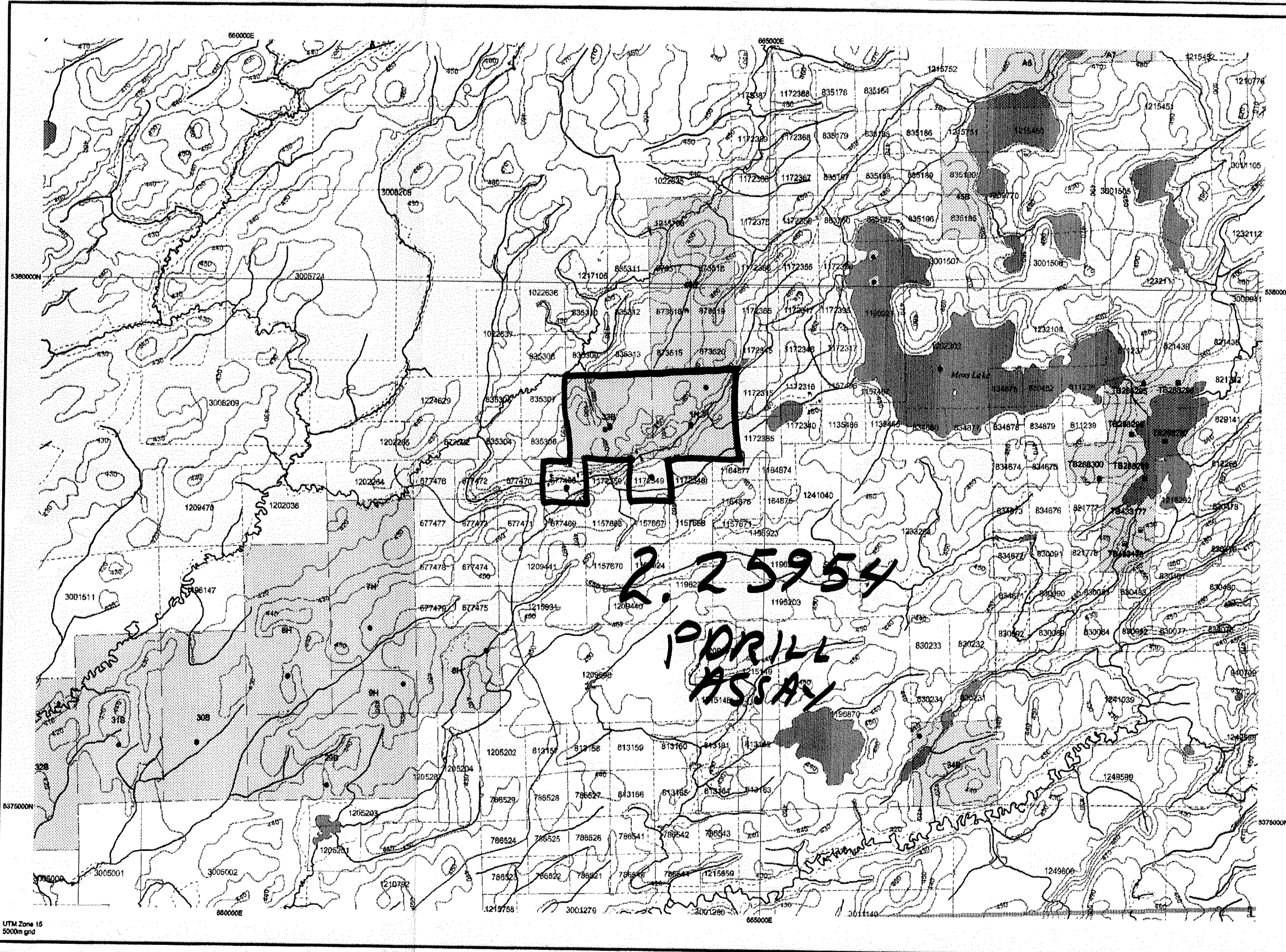
TOWNSHIP / AREA  
MOSS

PLAN  
G-0676

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division  
Land Titles/Registry Division  
Ministry of Natural Resources District

Thunder Bay  
THUNDER BAY  
THUNDER BAY

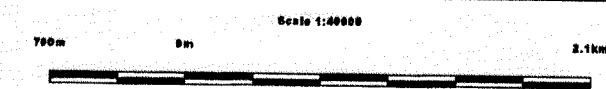
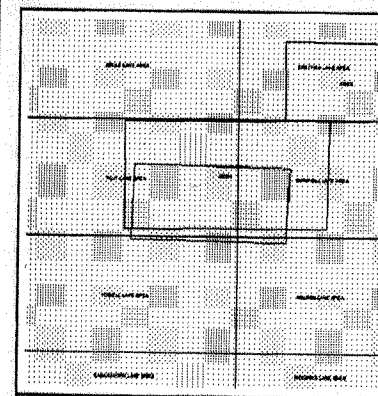


TOPOGRAPHIC

- Administrative Boundaries
- Township
- Concession Lot
- Provincial Park
- Indian Reserve
- Cliff, Pit & Pile
- Contour
- Mine Shafts
- Mine Headframe
- Railway
- Road
- Trail
- Natural Gas Pipeline
- Utilities
- Tower

Land Tenure

- Freehold Patent**
  - Surface And Mining Rights
  - Surface Rights Only
  - Mining Rights Only
- Leasehold Patent**
  - Surface And Mining Rights
  - Surface Rights Only
  - Mining Rights Only
- License of Occupation**
  - Uses Not Specified
  - Surface And Mining Rights
  - Surface Rights Only
  - Mining Rights Only
  - Land Use Permit
  - Order In Council (Not open for staking)
  - Water Power Lease Agreement
  - Mining Claim
  - Filed Only Mining Claims
- LAND TENURE WITHDRAWALS**
  - Areas Withdrawn from Disposition
  - Mining Acts Withdrawal Types**
    - Wsm Surface And Mining Rights Withdrawn
    - Wsm Surface Rights Only Withdrawn
    - Wsm Mining Rights Only Withdrawn
  - Order In Council Withdrawal Types**
    - Wsm Surface And Mining Rights Withdrawn
    - Wsm Surface Rights Only Withdrawn
    - Wsm Mining Rights Only Withdrawn



Those wishing to stake mining claims should consult with the Provincial Mining Recorders' Office of the Ministry of Northern Development and Mines for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources. Completeness and accuracy are not guaranteed. Additional information may also be obtained through the local Land Titles or Registry Office, or the Ministry of Natural Resources.

The information shown is derived from digital data available in the Provincial Mining Recorders' Office at the time of downloading from the Ministry of Northern Development and Mines web site.

General Information and Limitations

Contact Information:  
 Provincial Mining Recorders' Office  
 Willet Green Miller Centre 933 Ramsey Lake Road  
 Sudbury ON P3E 6B5  
 Home Page: [www.mndm.gov.on.ca/MNDMMINES/LANDS/misnmpge.htm](http://www.mndm.gov.on.ca/MNDMMINES/LANDS/misnmpge.htm)

Toll Free  
 Tel: 1 (888) 415-9845 ext 5792  
 Fax: 1 (877) 670-1444

Map Datum: NAD 83  
 Projection: UTM (6 degree)  
 Topographic Data Source: Land Information Ontario  
 Mining Land Tenure Source: Provincial Mining Recorders' Office

This map may not show unregistered land tenure and interests in land including certain patents, leases, easements, right of ways, flooding rights, licences, or other forms of disposition of rights and interest from the Crown. Also certain land tenure and land uses that restrict or prohibit free entry to stake mining claims may not be illustrated.