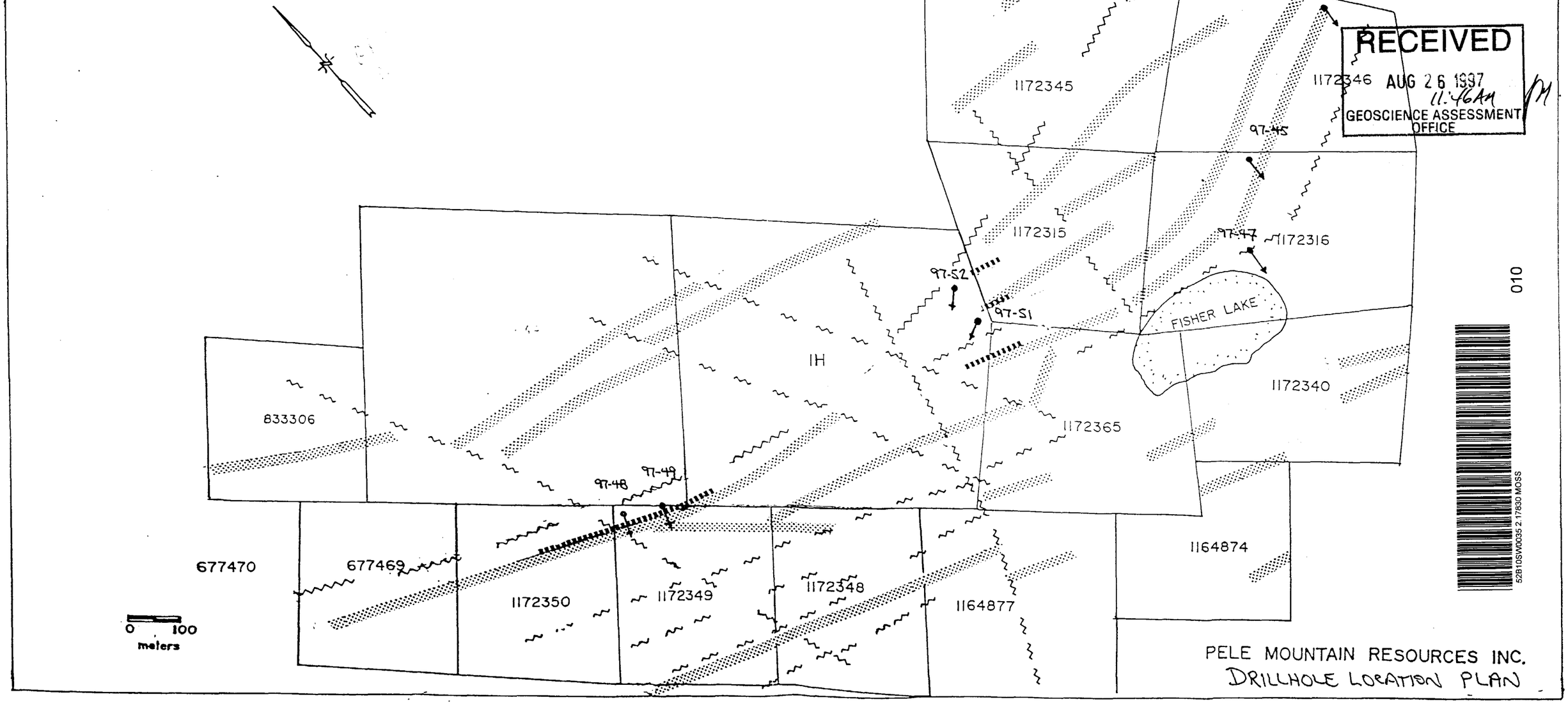


PELE MOUNTAIN RESOURCES INC.
DRILLHOLE LOCATION PLAN

DIAMOND DRILLHOLE LOG: **M97-45**
Pele Mountain Resources - Moss Lake Project
Claim # 1172316
Co-ordinates: 600E, 20S
Azimuth: 132 degrees (south grid)
Dip: -42° @ 200 m
Date Started: June 3 1997
Date Finished: June 4 1997
Logged by: T.A. McMenamy, B.Sc. Geologist, C.D. Bartlett, B.A. Geologist
Drilled by: Chibougamau Diamond Drilling Ltd.
Core size: NQ (core stored on property)

Total Depth: 200.81m

0-3.34m Drill Casing

3.34-5.40 MAFIC MASSIVE FLOW - Basalt

Small qtz and calcite veins up to 3mm wide, 20-25 deg., pyrite dissem., trace amts, concentrated in veins 1- 5%. Contact with banded iron formation @ 40 deg., pyrite 20-25% at contact.

5.40-9.35 BANDED IRON FORMATION

Pyrite + pyrhhotite present in blebs and bands, 1-10%, few small barren qtz veins.

9.35-23.07 MAFIC ASH TUFF

Very fine-grained gray to green, similar to above basalt, alternating with mafic lapilli tuff. Qtz and calcite blebs throughout, veins at 40 deg. with trace pyrite, otherwise pyrite trace amts, fine grained, dissem. and also small cubes.

@ 16.97-23.07 SHEAR ZONE mafic ash tuff more intensely foliated, 10-20 deg., chloritized with small qtz + calcite veins, 3mm wide, also 10-20 deg., with 1% pyrite. Magnetite bands up to 6 cm wide, pyrite 1-3%. At contacts foliation changes back to 40 deg., contact at 23.07m is brecciated and gradational and is coincident with change from ash tuff to BIF.

23.07-32.65 BANDED IRON FORMATION

Fewer qtz clasts than BIF above, small and few qtz + calcite veins, 40 deg., pyrite occurs as cubes, dissem. and blebs throughout, trace to 3%, pyrhhotite trace amts. Contact sharp, 50 deg.

32.65-37.77 MAFIC ASH TUFF

Mafic, fine-grained, tuffaceous, with numerous small (<1cm) qtz + calcite veins at 45-50 deg.; pyrite trace amts, dissem. Also qtz + calcite veins parallel to core axis, xcutting above veins. Sharp contact at 55 deg.

37.77-41.33 FRAGMENTAL MAFIC TUFF

Banded iron formation fragments common, brecciated zone with chlorite bands, pyrite trace to 1%. Sharp contact.

@ 40.69-40.93 Mafic ash tuff layers

41.33-42.36 ALBITIZED MAFIC TUFF

Fine grained, mafic, appears like an aphanitic intrusion, pyrite trace to 1% as blebs. Sharp contact @ 60 deg.

42.36-43.38 BANDED IRON FORMATION

Pyrite in small bands, trace amts overall. Contact is gradational.

43.38-56.03 FRAGMENTAL MAFIC TUFF

Fragments consist of chl, magnetite, qtz, tuff; small bands of ash tuff <40 cm; pyrite trace -1%, pyrhhotite trace -1%, locally 10-20% pyrite+pyrhhotite. Contact is sharp, but not a constant angle, mineralization increases at contact.

56.03-62.28 MAFIC ASH TUFF

Pyrite in trace amts and dissem., qtz and calcite pods throughout and abundant (variolitic), small bands of lapilli tuff, lighter in color, small <5mm qtz+calcite veins at 30-40 deg. Brecciated contact.

62.28-77.58 FRAGMENTAL MAFIC TUFF

Brecciated and very siliceous, pyrite trace - 3%, dissem. and in blebs, pyrhhotite locally up to 20%, otherwise trace amts., large chl fragments, small qtz and magnetite fragments, tuff fragments. Small bands of ash tuff, not fragmented.

@ 71.66 Banded iron formation Large qtz clasts up to 5cm with wide magnetite bands, pyrhhotite 5-15%. Contact @ 50 deg.

77.58-82.82 MAFIC ASH TUFF

Slicken-sides at nearly every break, some serpentinized, 50 deg. and 10 deg., small pyrite, pyrhhotite, qtz, calcite bands occur just below contact, pyrhhotite + pyrite 10-15%, pyrhhotite + pyrite overall 1-3%. Tuff is fragmented, not as silicified, no large qtz clasts, small qtz+calcite veins, 5-10 deg.

82.82-106.41 FRAGMENTAL TUFF interlayered with MAFIC TUFF

Alternating ash and lapilli tuffs with brecciated zones, green and chloritized, brecciated qtz+calcite veins 50-60 deg., trace sulfides. Small areas of lapilli tuff, very little siliceous material although silicified zone at 98.70 with little to no sulfide in qtz. Pyrhhotite + pyrite bands throughout, and fine grained dissem., mostly pyrhhotite. Contact sharp at 30 deg.

106.41-107.10 LAMPROPHYRE

Biotite phenocrysts, no sulfides. Below contact at 40 deg.

107.10-126.02 BRECCIATED MAFIC TUFF

Mafic lapilli tuff layers and variolitic flow layers <15cm thick, very few secondary qtz + calcite veins, trace sulfides.

123.36-126.02 MASSIVE MAFIC FLOW

Dark grey to black, fine grained, with silicified zones, qtz + calcite veining is thin and pervasive, pyrite + pyrhhotite few, fine grained concentrations, <1%.

126.02-200.81 FRAGMENTAL MAFIC TUFF

Grey to green altered ash and lapilli tuffs fragments. Strong foliation at 40 deg., sulfides concentrated in more intensely veined areas, <1% overall, and also occurring as random blebs and very fine grained dissem. pyrite throughout section. Calcite + qtz veins and blebs, and late infilling of calcite, occurs as rims along clast boundaries filled with semi-translucent qtz.

@ 135.24 Thick opaque to translucent qtz vein with small tourm crystals, 5 cm thick, trace sulfides.

@ 138.84 Xcutting, translucent qtz vein with pink-dark red , translucent crystals, H>5.5, cleavage <90 deg, one plane easily visible, possibly sphalerite (?). Sampled and ran for total metallics + Zn. Also, small pink crystals in chloritized tuffs, occur as overgrowths, possibly kspar.

@ 143.76 Increase pyrhhotite + pyrite accumulations and, pyrhhotite appears very brown, <5%, also dissem.

@ 147.74 Lose secondary qtz, qtz+calcite veining, sulfides decrease to <1-2%, large calcite veins with minor qtz, xcutting, late pink crystals as above common--kspar.

@ 156.63 Intermittent breccia filling calcite and minor qtz, as above, few sulfides and small interlayers of silicified basalt, very dark and fine grained with distinct contacts at 30 deg. Maintain heavy foliation at 40 deg.

@ 178.72-183.72 Interbedded contact with more homogenous, tuffaceous, mafic basalt, few silicified layers &/or clasts, appears to be large scale fragmentation. Chl along foliation planes, heavy at 40-50 deg. Very little to moderate amts of calcite + qtz infilling amongst clasts.

@ 183.12 Lose interclast calcite + qtz, maintain moderate to heavy foliation, calcite veins are thin, discontinuous, random orientations, pyrite + pyrhhotite trace - 1%, few qtz veins with very bright green alteration haloes, increase foliation, silicified zones near contact.

194.90-198.28 SHEAR ZONE

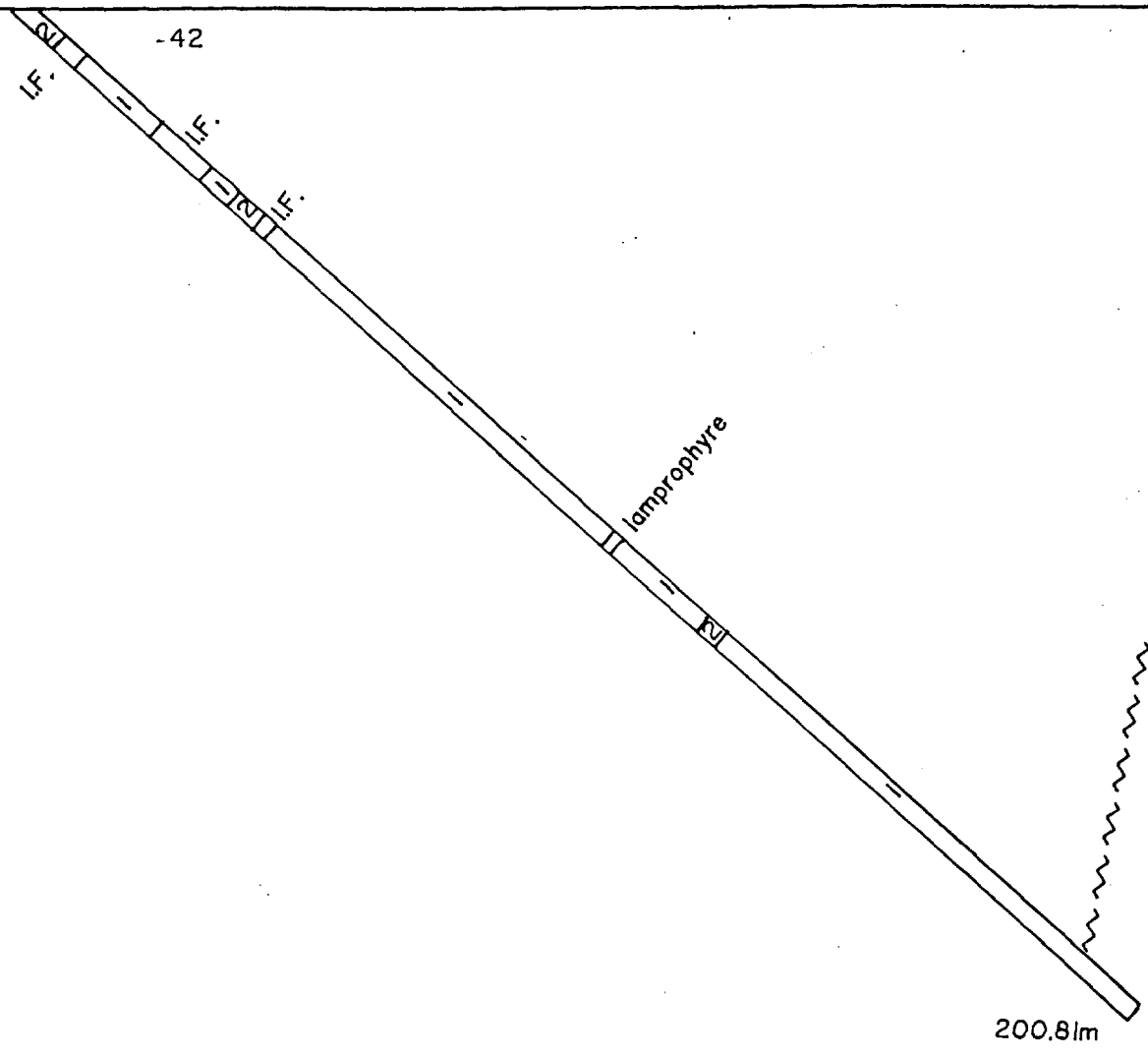
45 deg., sheared tuffs, qtz + calcite veinlets and fracture fill somewhat pervasive, trace pyrite, also small concentraion along xcutting veins.

198.28-200.81 FRAGMENTAL ASH TUFF

as above.

200.81 E.O.H.

NORTH SOUTH



LEGEND

1 Mafic Tuff

2 Mafic Metavolcanics

3 Intermediate Metavolcanics

4 Felsic Metavolcanics rhyolite

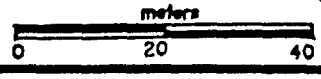
5 QFPorphyry

6 Agglomerate

7 Quartz Vein

8 Alteration / Mineralization

PELE MOUNTAIN RES. INC.
DIAMOND DRILL SECTION
DRILLHOLE 97-45



97-45 Drillhole Assays

Sample #	Section (m)	Width(m)	Value(gm.Au/ton)	Check	Tot. Met. Au
233701	5.40 - 6.16	0.76	<.03		
233702	6.16 - 6.92	0.76	<.03		
233703	6.92 - 7.61	0.69	<.03		
233704	7.61 - 8.44	0.83	0.310		
233705	8.44 - 9.06	0.62	0.040		
233706	9.06 - 9.35	0.29	<.03		
233708	18.48 - 18.94	0.46	<.03		
233707	23.65 - 24.28	0.63	<.03		
233709	31.02 - 31.64	0.62	<.07		<.07
233710	39.84 - 40.64	0.80	0.040		
233713	41.97 - 42.33	0.36	<.03		
233711	45.11 - 45.80	0.69	<.03		
233715	55.15 - 55.45	0.30	0.130		0.140
233712	55.70 - 56.10	0.40	<.03		
233714	56.21 - 56.70	0.49	<.07		<.07
233716	68.00 - 68.54	0.54	<.07		<.07
233717	72.60 - 73.26	0.66	<.07		<.07
233718	73.76 - 74.51	0.75	<.07		<.07
233719	81.30 - 81.61	0.31	<.07		<.07
233720	90.00 - 90.42	0.42	<.07		<.07
233721	122.76 - 123.36	0.60	0.100		
233723	124.97 - 125.62	0.65	<.03		
233722	125.62 - 126.32	0.70	<.03		
233724	126.42 - 127.12	0.70	<.03		
233725	127.12 - 127.70	0.58	<.03		
233726	127.70 - 128.22	0.52	<.03		
233727	129.55 - 129.92	0.37	<.03		
233728	130.43 - 131.03	0.60	<.03		
233729	131.03 - 131.79	0.76	<.03		
233730	134.34 - 134.94	0.60	<.07		<.07
233731	134.94 - 135.64	0.70	<.07		<.07
233732	135.64 - 136.44	0.80	<.07		<.07

233733	136.44 - 137.05	0.61	<.07	<.07
233734	137.15 - 137.86	0.71	<.03	
233735	138.84 - 139.24	0.40	<.03	
233736	140.69 - 141.29	0.60	<.03	
233737	141.29 - 141.89	0.60	<.03	
233738	141.89 - 142.49	0.60	<.03	
233739	142.49 - 143.29	0.80	<.03	
233740	144.76 - 145.36	0.60	<.07	<.07
233741	145.36 - 145.96	0.60	0.380	0.38
233742	145.96 - 146.56	0.60	<.03	
233743	146.56 - 147.16	0.60	<.03	
233744	147.16 - 147.76	0.60	<.03	
233745	147.79 - 148.50	0.71	<.03	
233746	148.50 - 149.20	0.70	0.040	
233747	158.77 - 159.55	0.78	<.03	
233748	161.06 - 161.72	0.66	<.03	
233749	164.03 - 164.63	0.60	<.03	
233750	165.49 - 166.09	0.60	0.120	
238901	166.70 - 167.30	0.60	<.03	
238902	167.86 - 168.36	0.50	<.03	
238903	174.89 - 175.40	0.51	<.03	
238904	179.66 - 180.14	0.48	<.03	
238905	180.88 - 181.66	0.78	<.03	
238906	183.32 - 184.07	0.75	<.03	
238907	184.62 - 185.32	0.70	<.03	
238908	187.05 - 187.57	0.52	<.03	
238909	199.58 - 200.20	0.62	<.03	
238910	200.20 - 200.81	0.61	<.03	

DIAMOND DRILLHOLE LOG: **M97-46**
Pele Mountain Resources - Moss Lake Project
Claim # 1172346
Co-ordinates: 900E, 160N
Azimuth: 132 degrees (south grid)
Dip: -42° @ 201m
Date Started: June 4 1997
Date Finished: June 6 1997
Logged by: T.D. Zeman, B.Sc. Geologist, C.D. Bartlett, B.A. Geologist
Drilled by: Chibougamau Diamond Drilling Ltd.
Core size: NQ (core stored on property)

Total Depth: 200.12m

0-3.8m Drill Casing

3.80-18.17 MAFIC TUFF

Fine grained, tuffaceous ash, brecciated in places; minor qtz veining and blue qtz blebs; pyrhhotite <1%, pyrite <1%. Few albitized zones.

@ 4.25 Shear zone, 45 deg.
@ 6.88-7.38 Albitized tuff
@ 7.41-7.71 Qtz vein in tuff with 4 cm wide vein of pyrite, 45 deg.
@ 8.23-12.63 Albitized tuff with fragmental zones with chert; qtz vein @ 11.05m, 3-4cm wide, near horizontal, 75 deg.; less than minimal qtz veining, scattered qtz blebs; isolated occurences of pyrite, pyrite also occurs on foliation planes, pyrhhotite trace amts. Less overall mineralization than above zones.

18.17-19.22 ALTERED PLAGIOCLASE PORPHYRY

Large hornblende and plag. crystals with visible alteration to chlorite, up to 0.5-1 cm; trace pyrite throughout, some on foliation planes.

19.22-21.17 MAFIC TUFF

As above but not very altered, minimal qtz veining; pyrite>1%, occurs as veinet fill and little blebs.

21.12-25.62 MAFIC TUFF interbedded with FRAGMENTAL TUFF

Mafic, fine grained tuff as above, minimal qtz veining, trace pyrhhotite+pyrite.
@23.10 4cm qtz vein, 45-50 deg., tourmaline on fracture surfaces.

25.62-30.00 MAFIC TUFF

Mafic, fine grained ash tuff as above, minor qtz veining.

@25.62-28.32 Zone with qtz veins, sheared 45 deg., fragmental tuff clasts.

30.00-41.80 MASSIVE MAFIC FLOW- basalt

Fine grained, black to dark grey in color, silicified in zones with intermittent calcite + qtz veins, thicker veins include brecciated fragments of basalt, and small concentrations of pyrite + pyrhhotite + possibly tellurides, <1% overall mineralization. Pervasive veining in more fractured areas with larger veins @ 45 deg. oriented with the foliation in more tuffaceous zones, few mino veins @ 20 deg., cross-cutting foliation.

@41.45 Thin shear zone at 50 deg.

41.80-47.57 MAFIC TUFF

Mafic, fine grained ash tuff, minor qtz veining, some what fragmental zones with trace pyrite.

@44.84 Fragmental areas of tuff become notably mineralized, weakly magnetic in zones, 5-7% pyrite + pyrhhotite; blue qtz blebs, pink feldspar overgrowths 5-10%, locally, surrounding pyrite; many small shears and soft sedimentary deformation with pyrite+pyrhhotite <5%.

47.57-49.30 HORNBLENDE PORPHYRY

Very altered, distinct green in color, hornblende crystals and chlorite/biotite overgrowths; pyrite trace to none

49.30-52.65 FRAGMENTAL TUFF

Mafic tuff fragments, very siliceous with minor calcite veining, mineralized as above.

@50.61-52.65 qtz blebs and veins, 2-5% pyrite + pyrhhotite, trace cpy.

52.65-55.50 MAFIC LAPILLI TUFF

Silicified tuff with biotite/chlorite laths; trace to no pyrite, zones of dissem. pyrite veins; minimal qtz veining, phyllitic texture on fracture planes, chloritized.

55.50-57.95 MASSIVE MAFIC FLOW-Basalt

Silicified, aphanitic, mafic flow, black to dark grey in color with intermittent qtz + calcite veins, few xcutting @ 20 deg. bearing pyrite <1%; zones of becciation and pervasive veining; pyrite < 1% along gractur surfaces and veins, and fine grained, dissem.

57.95-62.78 FRAGMENTAL TUFF

Sheared contact with basalt above, @ 45 deg., bright green alteration, serpentinized, mafic tuff and basalt clasts; begin heavy mineralization: pyrhhotite+pyrite fine grained and in thick bands, 5-10%, and accumulations along foliation planes.

@ 103.08 Thick calcite vein with massive magnetite

104.08-116.77 MAFIC ASH TUFF

As above, highly foliated and moderately sheared, with xcutting, very thin calcite veins @ 15-20 deg.; pyrite 1-2% throughout, small accumulations along foliation planes also, 2-3%; few small zones are silicified.

@ 112.72-112.87 Zone with calcite + qtz blebs, all aligned with foliation, sharp contacts with tuffs @ 45 deg., possible zone of intensified fluid interation/flow.

116.77-118.20 MAFIC LAPILLI TUFF

Sharp contacts, increase grain size, significantly less foliated and sheared although still moderately foliated, color changes throughout from brownish green to greyish green; maintain calcite blebs and thin scutting veins @ 20 deg.; pyrite fine and dissem. <1%.

118.20-129.05 FRAGMENTAL MAFIC ASH TUFF

Fragmental zones with thick qtz + calcite veining, magnetite is present in veins, otherwise as above: green to grey altered but fairly dark in color, sheared and heavily foliated. Pervasive and common calcite + qtz veining, maintain thin calcite + qtz veins @ 20 deg., pyrite bearing qtz veins, <0.5cm thick; overall, pyrite minor, < 1%.

129.05-130.45 MAFIC MASSIVE FLOW-Basalt

Massive, black, aphanitic with calcite + qtz veins; pyrite + pyrhhotite <1% throughout, small concentrations at contacts.

130.45-145.23 FRAGMENTAL MAFIC ASH TUFF

As above, sheared with calcite veins along foliations as well as blebs; very chloritized, few, short massive interlayers, also very altered. Gradational contacts except for veins and sulfides moderately concentrated here.

145.23-146.26 MAFIC MASSIVE FLOW-Basalt

As above except more altered, dark grey-green, with thin calcite veins @ 20 deg., thicker bands of calcite veining, with bright green epidote alteration, including fractured basalt fragments within larger veins, all sheared quite heavily @ 45 deg.; dissem. and very fine grained pyrite, trace amounts; few thick < 2cm qtz veins, xcutting but without sulfides; few veinlets and blebs of semi-translucent to opaque qtz both xcutting and with foliation, also no sulfides associated.

146.26-200.12 FRAGMENTAL MAFIC TUFF

As above but with silicified zones; few <0.5 cm qtz veins with biotite crystals near the silicified zones; fewer calcite blebs and foliation parallel veins; maintain thin calcite veins at 20 deg. throughout.

@ 154.04 Moderately sheared and and heavily foliated @ 45 deg., calcite and qtz veins foliation paralles and crosscutting in opposite direction; pyrhhotite + pyrite 1% and concentrated in veins, also small accumulations of fine grained pyrhhotite + pyrite throughout.

@ 156.00 Begin intense vein system @ 20 deg., calcite predominates, minor qtz, not significantly mineralized.

@ 157.62 Thick qtz vein with tourmaline crystals perpendicluar to vein walls, near a silicified zone, qtz is opaque to translucent.

@ 162.52-167.75 Brecciated zone, extends into silicified layer below, calcite + qtz veins, all sheared moderately, few thick (1 cm) calcite + qtz veins, opaque.

@ 166.50-168.50 Silicified zone, few qtz veins <1cm thick, semi-translucent and xcutting, few pyrite crystals.

@ 168.50-168.70 20-30 deg. qtz + calcite + pyrite + epidote + chlorite veins, random and thin, moderate foliation and shearing, calcite and quartz blebs intermittent throughout. Few thin reddish veins and fracture fill @ 45 and 30 deg., opposite from foliation dip.

@ 169.35-170.20 Minor brecciated tuff, qtz + calcite with minor pyrite in veins.

@ 169.95 Thick, tourmaline bearing qtz vein < 1cm.

@ 171.80-183.53 Continue tuff but with more silicified zones. Minor pyrite + pyrhhotite in veins, <1%.

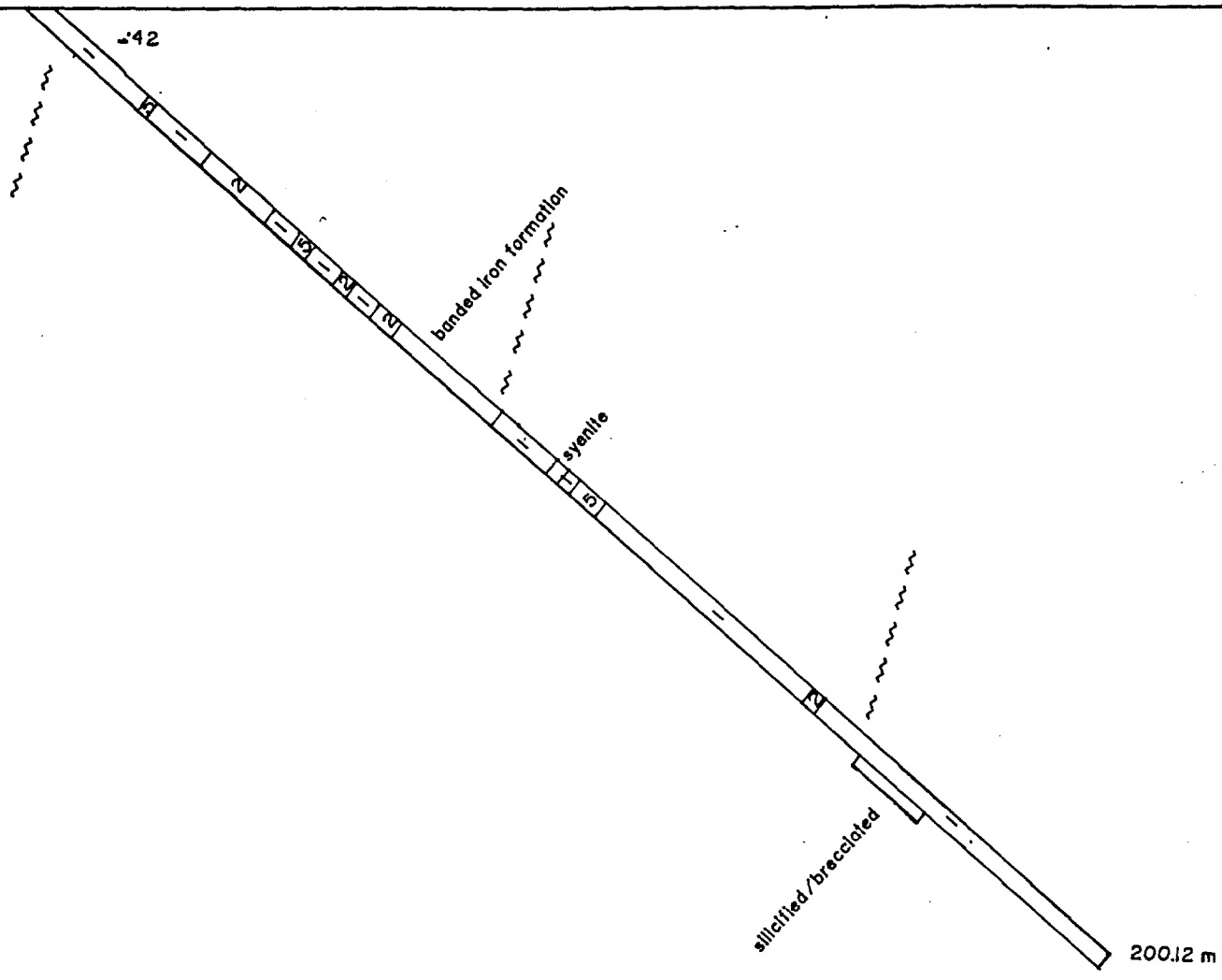
@ 183.53-183.65 Pervasive veining and becciated tuff.

@ 188.23 Maintain tuff as above except with small (few mm) plagioclase crystals, not within foliation, metasomatic (?), uniform crystal size. Heavy foliation continues although not as sheared; few thicker qtz veins with calcite and chlorite and minor tourmaline. near horizontal, few sulfides, qtz opaque to semi-translucent.

@ 196.20-196.40 Fractured zone with qtz and calcite and red chert, few pyrite crystals, pervasive fracturing without overall trend.

200.12 E.O.H.

NORTH SOUTH



LEGEND

1 Mafic tuff

2 Mafic Metavolcanics basalt

3 Intermediate Metavolcanics

4 Felsic Metavolcanics rhyolite

5 QFPorphyry

6 Agglomerate

7 Quartz Vein

8 Alteration / Mineralization

PELE MOUNTAIN RES. INC.
DIAMOND DRILL SECTION
DRILLHOLE 97-46

meters
0 20 40

97-46 Drillhole Assays

Sample #	Section (m)	Width(m)	Value(gm.Au/ton)	Check	Tot. Met. Au
234312	6.88 - 7.38	0.50	<.03		
234313	7.41 - 7.71	0.30	<.03		
234314	8.47 - 9.02	0.55	0.040		
234315	27.70 - 28.30	0.60	0.040		
234319	30.46 - 31.06	0.60	<.03		
234320	31.06 - 31.66	0.60	<.03		
234321	31.66 - 32.26	0.60	<.03		
234322	32.26 - 32.86	0.60	<.03		
234323	33.90 - 34.50	0.60	<.03		
234324	34.50 - 35.10	0.60	<.03		
234325	35.10 - 35.50	0.40	<.03		
234326	35.50 - 36.10	0.60	<.03		
234327	39.80 - 40.60	0.80	<.03		
234328	40.60 - 41.20	0.60	<.03		
234329	41.20 - 41.80	0.60	<.03		
234316	44.66 - 45.26	0.60	<.07		<.07
234317	45.26 - 45.86	0.60	<.07		<.07
234318	45.36 - 46.14	0.78	<.07		<.07
234334	49.41 - 50.01	0.60	<.03		
234335	50.01 - 50.61	0.60	<.03		
234331	50.61 - 51.19	0.58	<.03		
234336	50.61 - 51.09	0.48	<.07		<.07
234337	51.09 - 51.69	0.60	0.320		0.33
234332	51.19 - 51.75	0.56	<.03		
234338	51.69 - 52.01	0.32	<.07		<.07
234333	51.75 - 52.04	0.29	<.03		
234339	52.01 - 52.61	0.60	<.07		<.07
234340	58.34 - 58.84	0.50	<.03		
234341	58.84 - 59.42	0.58	0.170		
234342	60.22 - 60.66	0.44	0.040		
234343	62.40 - 62.97	0.57	<.03		
234344	62.97 - 63.60	0.63	<.03		

234345	63.60 - 64.20	0.60	<.03	
234346	64.20 - 64.80	0.60	0.310	
234347	64.80 - 65.30	0.50	<.03	
234348	65.30 - 65.90	0.60	<.03	
234349	65.90 - 66.50	0.60	<.03	
234350	66.50 - 67.10	0.60	<.03	
238911	67.10 - 67.60	0.50	<.07	<.07
238912	67.60 - 68.20	0.60	<.07	<.07
238913	68.20 - 68.60	0.40	<.07	<.07
238914	68.60 - 69.20	0.60	<.07	<.07
238915	69.20 - 69.80	0.60	0.080	0.080
238916	69.80 - 70.40	0.60	0.440	0.440
238917	70.40 - 71.00	0.60	<.07	<.07
238918	71.00 - 71.60	0.60	<.07	<.07
238919	71.60 - 72.30	0.70	<.07	<.07
238920	72.30 - 72.90	0.60	<.07	<.07
238921	72.90 - 73.50	0.60	0.090	0.090
238922	73.50 - 74.10	0.60	0.080	0.080
238923	74.10 - 74.70	0.60	<.07	<.07
238924	74.70 - 75.30	0.60	0.070	0.070
238925	75.30 - 75.90	0.60	<.07	<.07
238926	75.90 - 76.50	0.60	<.07	<.07
238927	76.50 - 77.10	0.60	<.07	<.07
238928	77.10 - 77.70	0.60	<.07	<.07
238929	77.70 - 78.30	0.60	<.07	<.07
238930	78.30 - 78.90	0.60	<.07	<.07
238931	78.90 - 79.50	0.60	<.07	<.07
238932	79.50 - 80.10	0.60	<.07	<.07
238933	80.10 - 80.70	0.60	<.07	<.07
238934	80.70 - 81.30	0.60	<.07	<.07
238935	81.30 - 81.90	0.60	<.07	<.07
238936	81.90 - 82.50	0.60	<.07	<.07
238937	82.50 - 83.10	0.60	0.100	0.100
238938	83.10 - 83.70	0.60	<.07	<.07
238939	83.70 - 84.30	0.60	<.07	<.07

238940	84.30 - 84.90	0.60	<.07	<.07
238941	84.90 - 85.50	0.60	0.090	0.090
238942	85.50 - 86.10	0.60	<.07	<.07
238943	86.10 - 86.58	0.48	<.07	<.07
238944	88.27 - 88.76	0.49	<.03	
238945	88.78 - 89.32	0.54	<.03	
238946	95.70 - 96.20	0.50	<.03	
238947	96.20 - 96.77	0.57	<.03	
238948	97.38 - 97.88	0.50	<.03	
238949	97.88 - 98.38	0.50	<.03	
238950	98.38 - 98.98	0.60	<.03	
238951	101.54 - 102.34	0.80	<.07	<.07
238952	103.22 - 103.84	0.62	<.07	<.07
238957	106.94 - 107.61	0.67	<.03	
238958	117.97 - 118.43	0.46	<.03	
238959	123.26 - 123.66	0.40	<.03	
238960	128.09 - 128.49	0.40	0.050	
238961	130.26 - 130.66	0.40	<.03	
238962	132.45 - 133.17	0.72	<.03	
238963	154.87 - 155.69	0.82	<.03	
238964	156.37 - 157.18	0.81	<.03	
238965	165.60 - 166.14	0.54	<.03	
238966	169.35 - 170.20	0.85	<.03	
238967	169.95 - 171.45	1.50	<.03	
238968	193.92 - 194.36	0.44	<.03	
238969	196.20 - 196.90	0.70	0.130	
238970	196.90 - 197.31	0.41	<.03	

DIAMOND DRILLHOLE LOG: **M97-47**
Pele Mountain Resources - Moss Lake Project
Claim # 1172316
Co-ordinates: 500E, 175S
Azimuth: 132 degrees (south grid)
Dip: -45
Date Started: June 6 1997
Date Finished: June 8 1997
Logged by: T.D. Zeman, B.Sc. Geologist, C.D. Bartlett, B.A. Geologist
Drilled by: Chibougamau Diamond Drilling Ltd.
Core size: NQ (core stored on property)

Total Depth: 202.93m

0-3.74 Drill Casing

3.74-6.80 FELSIC METAVOLCANIC-RHYOLITE

Felsic aphanitic rhyolite with alt pink with green in color and becomes green with minor pink in color progressively down core. Tiny qtz veins xcutting throughout and small <1mm qtz blebs, very hard and few fractures @ 50 deg., faint suggestion of flow banding with same orientation @ 50 deg., brecciated appearance and veinlets. Trace pyrite.

6.81-7.87 INTERMED. to MAFIC TUFF

Med. grain size, plagioclase phenocrysts (almost plagioclase. porphyry) white and 0.5- 1mm, blue qtz crystals evenly scattered, 1% finely dissem. pyrite.

7.87-10.13 INTERBEDDED TUFFACEOUS FLOWS WITH RHYOLITE

Med. grain size, mostly intermed. to mafic, blue qtz and smokey qtz blebs, finely dissem. pyrite <1%.

10.13-21.59 FELSIC VOLCANIC- RHYOLITE

Cherty rhyolite very fine grained, trace to no pyrite, mostly in tiny veinlets and occasionally on foliation or fracture plane, qtz blebs are typically not blue but rather greenish grey, also blue and smokey qtz blebs. Zones of more intermed. compositions, tuffaceous, darker and greyer than rhyolite and gradational.

@ 10.81-10.88 Brecciated zone with fragments 1-2cm of chery rhyolite with qtz + calcite vein fill, 35 deg.

13.08-13.56 Shear zone, notably mafic in appearance and only veinlets of qtz. Still not significant mineralization but noticably more in shear zone than rhyolite, 1% in veinlets. Blue qtz present and calcite + qtz fill in veinlets.

@ 14.42-14.48 Interemed. dyke, finely dissem. pyrite up to 1%, sharp contacts.

@ 17.35 Notably veined with clear, cloudy qtz veins, 20-30 deg. and pervasive, with sphalerite crystals, red-orange and glassy, trace galena, pyrite 1%.

More massive and bleached grey than above, silicified zones and blue qtz blebs present, pyrite + pyrhhotite 1% in veinlets and dissem., plagioclase crystals late and scattered throughout. Brecciated zone with qtz veining, not very mineralized.

61.15-70.43 FRAGMENTAL MAFIC TUFF

Breciated tuff, contacts at 50 deg., up to 5-7% pyrite, abundant qtz veins and calcite + qtz veins @ 30 deg., scattered amygdules present.

@ 64.15 Grades to lapilli tuff with alt zones of massive mafic flow and fragmental tuff. Tiny plagioclase blebs scattered throughout. Noticeably more mineralization and pyrite trails and cubes, >1%. All contacts are gradational and indistinct. Color changes and veins at 30 deg., calcite + qtz, fractures @ 20 deg.

@ 68.51-70.01 Mostly massive tuff with plagioclase porphyroblasts, calcite blebs occasionaly, almost no qtz, faint trace of small vinlets, 1% pyrite.

@ 70.01-70.43 Altered zone, green fragmental tuff, only minimal qtz blebs, no veins.

70.43-77.73 SILICIFIED MAFIC TUFF

Silicified,mafic tuff, calcite + qtz blebs, plagioclase porphyroblasts still present, pyrite blebs and veinlets <1%.

77.73-80.26 FRAGMENTAL MAFIC TUFF

As above, with calcite blebs, minimal to no qtz veins, 1-2% pyrite. Mostly silicified, greenish-brown in color, fracture surfaces @ 55 deg., becoming less fragmental and more silicified down hole, gradational contacts.

80.26-85.85 MAFIC ASH TUFF

Mostly ash tuff, with fragmented layers. 1-2% pyrite in isolated grains and veinlets, smeared on foliation planes.

@ 82.00 1 cm wide qtz vein, 35 deg., no mineralization.
@ 84.79 Qtz vein at 50 deg., chlorite, and minimal mineralization
@ 84.15 Area of pyllitic texture on broken surfaces.

85.85-93.58 FRAGMENTAL MAFIC ASH TUFF

As above, reative decrease in mineralization, trace pyrhhotite, pyrite to 1%. Veins @ 35 deg., not many.

@ 87.60-87.92 albitized, altered zones, veins @ 30 deg., mineralized zone, pyrite 5% locally, pyrhhotite up to 1%, tapers off dramatically towards lower contact.

@ 90.25 Very little mineralization, pyrite + pyrhhotite <1%, varying zones of silicification and cherty fragments.

@93.18-93.28 Distinct brecciated zone.

93.58-94.03 SYENITE DYKE

Dyke at 30 deg., sharp contacts, very altered, trace pyrite.

94.03-102.42 METASEDIMENTS- SILICIFIED WACKE

Silicified barren clastic metaseds - greywacke, grey fine - med. grained, some veins of cherty qtz, tan to greenish in color, minimal veinlets of qtz. Pyrite on random foliation/fracture plane, <1% finely dissem. Fractures 20 deg., slickensides @ 40 deg on fracture surface.

@ 97.07 Qtz vein 2.5 cm wide, chlorite laths in qtz, pyrhhotite + pyrite along side the vein, 25 deg., seds become more fine grained down hole

@ 95.56-96.40 Ashy, fine grained. Contact @ 30 deg.

102.42-108.72 MAFIC ASH TUFF

Fine grained darker ash, contact is weak, 20-30 deg., fractures at 45 deg, pyrite very fine and dissem. Ash grades back to clastic metaseds which have a distinct set of cherty veins and minimal qtz veining. Fairly non-descript grey, grainy rock. Pyrite + pyrhhotite <1%, on foliaiton planes.

@ 108.04-108.24 Silicified ash tuff, green to tan in color
@ 108.24-108.72 Intensely mineralized zone, fragmented tuff with 5% pyrite, 5% pyrhhotite as blebs and ifnely dissem.

108.72-110.27 LAMPROPHYRE DYKE

Contacts sharp at 45 deg., greenish matrix with hornblende, chlorite-biotite laths, scattered pyrite dissem., up to 1%. Notable mineralization in adjacent units above and below the dyke.

110.27-120.68 MAFIC ASH TUFF

Mafic ash tuff with finely dissem. pyrite <1%, zones of alteration and silicification, green alt color.

@ 110.27-110.52 Adjacent to lamprophyre, pyrhhotite <5%, pyrite <5% in mafic, ashy tuff.
@ 113.29-113.89 Fragmented ash tuff with isolated veinlets of pyrite, dissem. otherwise.
@ 113.89-114.14 Silicified zone, tan with blebs of qtz + calcite, <<1% pyrite, trace pyrhhotite.

Continue swirly green tuff with blue qtz blebs, 1% pyrhhotite + pyrite., sheared at base @ 45 deg.

@ 116.38-120.68 Random crenulation of biotite/chlorite in between qtz clasts, 1-2% pyrite. Tuff clasts with qtz + calcite blebs. Especially obvious crenulation at 119.98-120.68 m. Not a lot of qtz veining, mostly occurs as blebs, clasts, calcite clasts also present.

120.68-124.09 ALTERED MAFIC TUFF

Sheared and silicified mafic, fine grained tuff, brecciated in places, green chloritic alteration. Crenulation and folding of qtz veins with foliation, minor calcite, xcutting veins also. Few silicified clasts with ash folded around. Pyrite along xcutting qtz veins and within foliation planes, small accumulations, random and finely dissem.

@ 121.08 Crenulated biotite crystals along foliation planes, well developed.

@ 122.58-122.88 Xcutting qtz veins <0.5cm thick @ 30 deg., semi-translucent, minor calcite, pyrite <1%, foliation parallel veins as well.

Sheared, uneven contact @ 45 deg.

124.09-126.17 FELDSPAR PORPHYRY

Dark to light grey, aphanitic matrix with fairly small plagioclase phenocrysts, also small hornblende laths, oriented along shear planes. Heavily foliated and sheared in zones, especially close to contacts. Xcutting and random veining, <0.5cm thick, calcite + qtz veins, vuggy, reddish alteration in to porphyry, veins contain biotite selvedges and crystals within veins. Pyrite fine and dissem throughout <1% , also small conc in veins and within alteration haloes.

Sheared, uneven contact @ 35-45 deg.

126.17-130.45 SHEARED MAFIC ASH TUFF

Fine grained, chloritized tuff, heavily foliated with chlorite/biotite along foliation planes 40-45 deg., not folded as above, but rather fragmented in places. Few qtz clasts and blebs, also within shearing. Veins are foliation parallel and xutting, 40 deg. opposite from foliation, calcite + qtz, few blebs and interclast fill. Pyrite conc along clast boundaries.

@ 128.34-128.84 Silicified zone, little pyrite, qtz veins thin and few are xcutting, also translucent bluish qtz with no assoc. sulfides.

@ 128.84 More fragmental tuff, less foliated, calcite + qtz veins and vesicle fill, zones of intense veining with reddish alteration, pyrite very fine and dissem., sometimes conc in veins.

130.45-130.68 SYENITE DYKELET

Fairly small crystals kspar, biotite, reddish and very altered, green in places, no pyrite, few random calcite veins. Contacts sheared and uneven.

130.68-132.04 BRECCIATED MAFIC TUFF

Fine grained mafic ash tuff as above, more fragmented, calcite + qtz veins at 45 deg., often qtz in center of veins, semi-translucent, random and xcutting.

132.04-137.59 SILICIFIED MAFIC TUFF

Silicified, med.-grey, fine grained and tuffaceous ash, vesicle type calcite + minor qtz filling, heavily foliated 40-50 deg, chlorite/biotite concentrated along foliation planes. Veining along foliation, few vuggy calcite veins @ 20 deg., minor qtz with reddish chert (?). Common horizontal, semi-translucent, bluish qtz veins, 2mm thick, no sulfide assoc.

137.59-138.96 BRECCIATED SILICIFIED MAFIC TUFF

As above, brecciated silicified ash tuff, calcite and qtz vein infilling, reddish alt in places, also some ankerite, veins include bright red flecks also ankerite (?) with biotite and chlorite, trace pyrite. Chlorite crystals along veins and in alt surrounding.

Contact sheared and altered, relatively sharp at 30 deg.

138.96-139.71 SYENITE DYKELET

As above, altered reddish, heavily foliated, plagioclase altered with pinkish/reddish and dark green matrix, chlorite and biotite crystals, trace pyrite.

139.71-144.00 MAFIC ASH TUFF

Silicified, fine grained, med. grey in color, pinkish alt and occasional epidote. Calcite and qtz veins, parallel to axis and oblique, pyrite late, <1% throughout, small concentrations along veins.

@ 143.00 less silicified, uniform, sand-sized graines visible.

144.00-145.86 MAFIC LAPILLI TUFF

Grades from grey to green, chloritized <1cm, tuffaceous, heavily foliated, chlorite laths, many very thin veinlets xcutting foliation @ 45 deg. and parallel to core axis. Calcite blebs and vesicle fill, vuggy and very small.

@ 145.86-146.51 Brecciated, calcite + qtz veins are few and @ 20 deg., veins contain red ankerite (?), pyrite trace along veins.

146.51-146.66 ALTERED SYENITE

Very alered porphyritic dyke with pinkish/purple cast to matrix, plagioclase crystals visible and rimmed in pink alt, no pyrite. Contacts not sharp and somewhat indistinct and altered. Chlorite overgrowths along foliation towards ash tuff below, last 20 cm of dyke.

146.66-147.07 ALTERED MAFIC TUFF

Swirly, choritized green ash tuff, silicified, veining as above, thin calcite + qtz, 20 deg., pyrite very fine and dissem. <1%.

147.07-149.18 INTERMED. - MAFIC PLAGIOCLASE PORPHYRY

Fine grained porphyry with plagioclase phenocrysts in pink and black matrix of kspar, hornblende, biotite, moderate foliation, fairly dark and altered. Kspar crystals not distinct and small, few veins with bright red ankerite (?), trace pyrite.

149.18-150.20 ANDESITE

Intermed. comp and med. grey in color, crystalline and not tuffaceous, uniform and aphanitic, no pyrite and few veins. Looks to be a non-porphyritic equivalent of the above porphyry, and there are faint shadows of plagioclase crystals. Becomes increasingly more fractured and siliceous towards lower contact with calcite + qtz + red ankerite (?) veins.

150.20-154.90 BRECCIATED ASH TUFF

Silicified, intense veining and fracturing with small fragments, chloritized and tuffaceous, highly fractured,heavily foliated and sheared, pyrite fine and dissem. <3%, concentrated in a few thicker calcite veins.

@151.50 Few thick qtz veins with minor calcite, <3cm thick, xcutting @ 25 deg., pyrite <1% .

@ 54.70-54.90 Biotite porph (?), indistinct contacts, highly altered and chloritized, heavily foliated.

154.90-156.40 SILICIFIED MAFIC ASH TUFF

Mafic, fine grained tuffaceous ash, silicification varies and pyrite concentrated in zones which aren't significantly silicified, <2-5% and fine grained, many small calcite + qtz veins and amygdaloidal blebs, pyrite concentrated in veins and surrounding alt haloes.

156.40-157.63 BRECCIATED MAFIC ASH TUFF

Fragmental ash tuff with chert clasts, dark to lighter green, chloritized ash. Cherty veins and clasts are a pale buff/yellow color. Heavily fractured with pervasive calcite + qtz veins and blebs.

@ 157.38 Magnetite band 3cm thick, end of silicified zone and back to chloritized ash. Pyrite 5%, increases to 10% in thin fine grained bands. Also few chert bands 3cm thick, calcite + qtz veins and blebs, minor ankerite in only a few veins.

157.63-158.15 PLAGIOCLASE-BIOTITE PORPHYRY

Biotite and plagioclase crystals in intermed. matrix, med. grey in color, not quite phaneritic, altered and fragmented, contacts sharp at 45 deg.

158.15-158.85 BANDED IRON FORMATION

Fragmented chert and magnetite clasts, discontinuous layers although some banding @ 55 deg., opaque to semi-translucent chert, magnetite layers are thin. Bright green chloritized layers between. Pyrite + pyrhhotite >15%, thick bands along 15cm zone,

otherwise 5-7% in thin bands throughout BIF. Chert is intensely fractured and altered to pinkish and green colors.

158.85-159.80 MAFIC ASH TUFF

Chloritized very bright green to dark grey mafic tuff, fine grained, few thin silicified zones with fragmented tuff, late pyrite overgrowths - small cubes and flecks <1%.

159.80-162.36 HORNBLENDE PORPHYRY

Phaneritic intermed. to mafic matrix of plagioclase + chlorite + hornblende with larger hornblende laths, all cholritized and moderately altered.

(drillers blocks skip 3m of core)

@ 160.75 Shear zone - small, 2 cm thick zone with white clays and chlorite, @ 45 deg.

162.36-164.52 PLAGIOCLASE PORPHYRY

Large, 1cm zoned plagioclase crystals, pink alt rims, mafic aphanitic matrix, biotite and epidote visible. No pyrite, very few xcutting qtz (+ minor calcite) veins @ 20 deg. to parallel with core axis.

164.52-165.12 HORNBLENDE PORPHYRY

Very altered and heavily sheare and foliated mafic to intermed. porphyry, intense qtz + calcite veining, paralled with foliation and xcutting. Pyrite 1-3%. Sharp contacts at 40 deg.

165.12-174.65 MASSIVE MAFIC FLOW- BASALT

Black, aphanitic basalt with silicified zones. Color change to dark to mod. grey in more silicified zones. Few pyrite concentrations, mostly assoc. with veins, <2% overall.

@ 169.53 Silicified zone with green and pink alteration along calcite + qtz veins, minor ankerite and magnetite. Very fractured with red to orange alteration in more intensely fractured area. Pyrite along veins <3%, overall <1%.

@ 172.76 Shear zone 1cm thick, calcite, chlorite and clay minerals @ 45-50 deg. Lose significant silicification and alt along fractures.

@ 173.60 Silicified zone, not as intensely fractured as above, boxwork type fracturing, bright lime green alteration color between fractures and spotty--indistinct mineralogy.

Oblique, uneven contact.

174.65-178.54 INTERMED. PLAGIOCLASE PORPHYRY

Plagioclase crystals <1cm, med. grey matrix with biotite + plagioclase. Altered somewhat to epidote and pink/red color between crystals and along fracture planes. Few, finer grained xenoliths of finer grained equivalent of porphyry. Trace pyrite.

@ 175.25-175.40 Basalt inlier, thin mafic, aphanitic layer, no pyrite, few small calcite veins in contacts @ 45 deg.

@ 178.25 Calcite + qtz vein with chlorite and siderite, <3cm thick.

178.54-180.04 MASSIVE MAFIC BASALT

Aphanitic, dark grey to black with greenish and red silicified zones and intense fracturing. Calcite + qtz veins with few small pyrite concentrations.

180.04-180.38 INTERMED. PLAGIOCLASE PORPHYRY

As above and very foliated with reddish alteration. Slightly finer porphyry than unit above. Pyrite fine and dissem. <1%.

Sharp ocntacts @ 45 deg.

180.38-182.56 MASSIVE MAFIC BASALT

As above, with few thick calcite + chlorite + pyrite veins, 2cm thick, @ 10-15 deg.

182.56-184.03 ALTERED PLAGIOCLASE PORPHYRY

Med. grained with plagioclase crystals, very altered to dark reddish/purple color, trace pyrite. Core is very broken up and rubbly.

184.03-194.26 MASSIVE MAFIC BASALT

Dark grey aphanitic basalt, brecciated and heavily fractured, altered with reddish-cherty appearance and green in color, thick calcite vein at contact with porphyry, few <1m pyrite blebs, <1% overall concentration.

@ 188.82 Plagioclase porphyry, 5 cm porphyrytic band, sharp contacts @ 45 deg.

@ 188.87 Basalt is heavily fractured, boxwork type fractures, large, lime green alt between fractures, few thin, very fine pyrite veinlets.

194.26-197.73 BANDED IRON FORMATION

Thin, opaque chert and magnetite bands <1cm thick, often fractured and bands offset. Pyrite 5-10% in bands also.

@ 194.61-194.80 Plagioclase porphyry layer, sharp contacts @ 45 deg.

@ 196.00-196.10 Chloritized mafic ash, heavily foliated

@ 196.36 BIF is fractured and sheared @ 45-50 deg., thick layers of magnetite and less chert.

197.73-198.34 FRAGMENTAL MAFIC ASH TUFF

Green chloritized mafic ash with few chert and magnetite clasts not aligned with foliation. Calcite blebs and veining, large pyrite blebs <2% overall concentration.

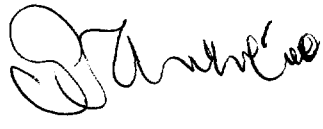
@ 198.26-198.34 Thin layer of phaneritic micro-diorite, reddish and very dark, plagioclase + hornblende crystal visible but small Sharp contacts @ 45 deg.

198.34-202.93 BRECCIATED INTERLAYERED BIF AND MAFIC ASH TUFF

Fragmented opaque chert and thick magnetite bands, very thin, infrequent pyrite bands 2-3%, grades and interlayered to finer grained, ash tuff with few chert clasts, chlorite overgrowths and qtz veins, moderately foliated. Large green, homogenous chloritized ash layers, heavily foliated and sheared @ 45-50 deg. No xcutting veins, pyrite <1-2% overall.

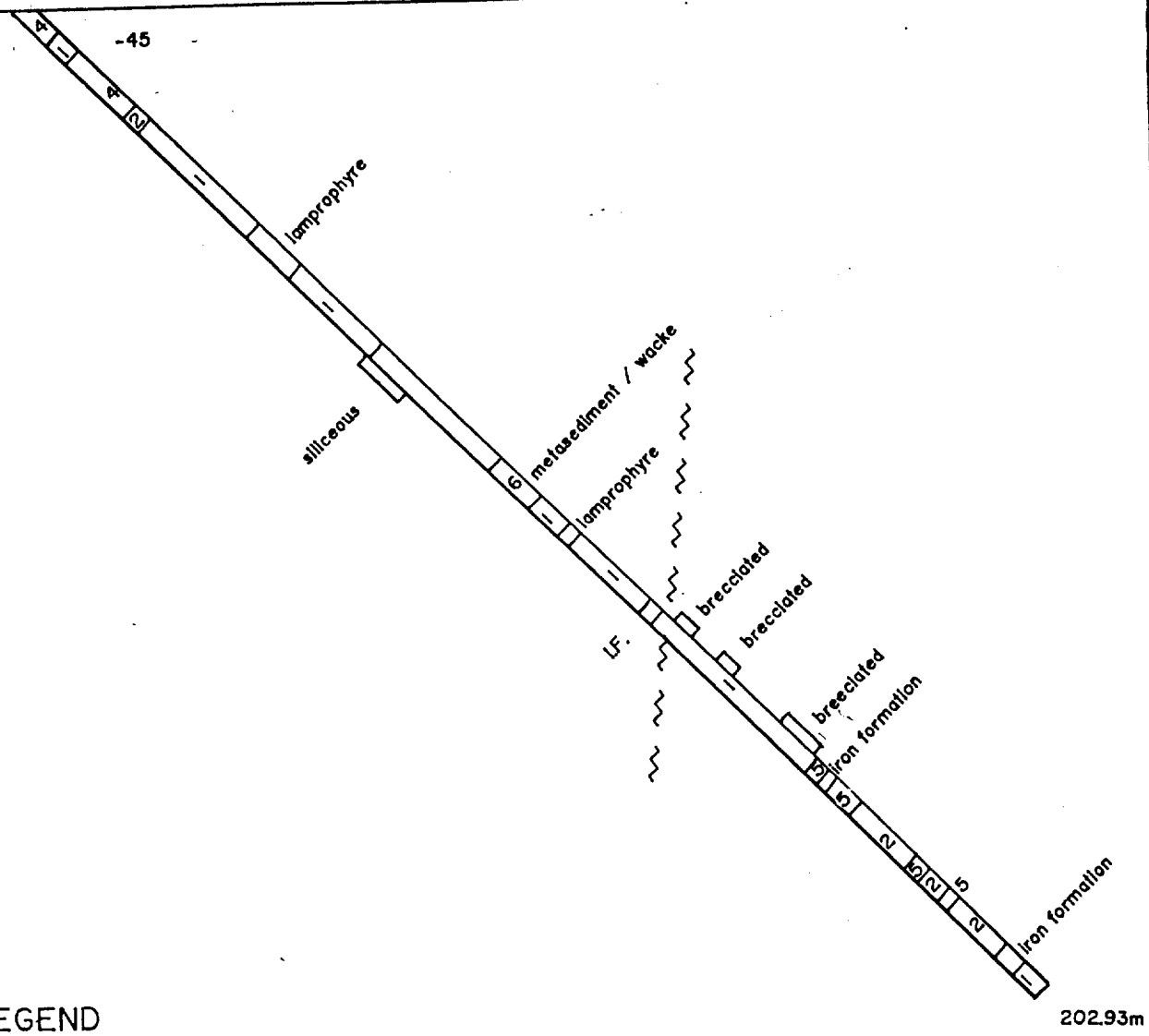
@199.18-199.48 Finer grained micro-diorite, as above and with sharp contacts @ 45 deg.

202.93 E.O.H.



NORTH

SOUTH



LEGEND

- 1 Mafic tuff
- 2 Mafic Metavolcanics basalt
- 3 Intermediate Metavolcanics
- 4 Felsic Metavolcanics rhyolite
- 5 QFPorphry
- 6 Agglomerate Greywacke / metasediment
- 7 Quartz Vein
- 8 Alteration / Mineralization

PELE MOUNTAIN RES. INC.

DIAMOND DRILL SECTION

DRILLHOLE 97-47

meters

0 40

97-47 Drillhole Assays

Sample #	Section (m)	Width(m)	Value(gm.Au/ton)	Check	Tot. Met. Au
239751	10.71 - 11.06	0.35	<.03		
239752	13.05 - 13.65	0.60	<.03		
239753	14.30 - 14.70	0.40	0.210		
239754	17.22 - 17.62	0.40	0.160		0.15
239755	17.62 - 18.07	0.45	0.070		0.07
239756	20.34 - 20.77	0.43	<.03		
239757	22.12 - 22.45	0.33	<.03		
239758	25.86 - 26.46	0.60	<.07		<.07
239759	26.46 - 26.89	0.43	<.07		<.07
239760	26.89 - 27.21	0.32	<.07		<.07
239761	28.50 - 29.05	0.55	<.07		<.07
239762	32.73 - 33.23	0.50	<.07		<.07
239763	33.23 - 33.83	0.60	<.03		
239764	46.11 - 46.43	0.32	<.03		
239765	52.70 - 53.31	0.61	<.07		<.07
239766	53.92 - 54.36	0.44	<.07		<.07
239767	57.02 - 57.46	0.44	<.03		<.07
239768	61.55 - 62.14	0.59	<.07		<.07
239769	62.32 - 62.78	0.46	0.300		
239770	63.60 - 64.15	0.55	<.07		<.07
239771	64.53 - 64.83	0.30	<.07		<.07
239772	67.46 - 68.05	0.59	<.03		
239773	69.99 - 70.55	0.56	<.03		
239774	74.36 - 74.86	0.50	<.03		
239775	78.62 - 79.22	0.60	<.07		<.07
239776	79.22 - 79.65	0.43	<.07		<.07
239778	89.03 - 89.63	0.60	<.07		<.07
239779	89.63 - 90.25	0.62	<.03		
239777	93.18 - 93.58	0.40	<.03		
239780	100.32 - 100.62	0.30	<.07		<.07
239781	104.53 - 105.13	0.60	<.07		<.07
239783	110.52 - 110.97	0.45	<.07		<.07

239782	111.93 - 112.45	0.52	<.07	<.07
239784	115.88 - 116.38	0.50	<.03	
239785	119.45 - 120.00	0.55	<.03	
239786	120.17 - 120.68	0.51	<.03	
239787	122.40 - 123.04	0.64	0.070	
239788	151.28 - 152.00	0.72	0.140	
239789	157.03 - 157.63	0.60	<.03	
239790	157.63 - 158.16	0.53	<.03	
239791	158.16 - 158.93	0.77	<.07	<.07
239792	180.86 - 181.66	0.80	<.03	<.07
239793	194.75 - 195.45	0.70	<.07	<.07
239794	195.45 - 196.15	0.70	<.07	<.07
239795	196.15 - 196.85	0.70	<.07	<.07
239796	196.85 - 197.45	0.60	<.07	<.07

Drillhole Locations
Pele Mountain Resources INc.
Moss Township

Drillhole#	Claim #	Location of Drill Collar
97-48	**1172349**	**300 meters west & 20 m south #1 post**
97-49	**1172349**	**200 meters west #1 post, on north C.L.**
97-50	**1-H**	**210 m south & 35 m. west #1 post**
97-51	**1-H**	**100m south & 55 m.west #1 post**

DIAMOND DRILLING LOG **M97-48**
Pele Mountain Resources - Moss Lake Project
Claim #: 1172349
Coordinates: L900W, 325N
Azimuth: 151°
Dip: 41.5° @ 150m
Date started: 6 July 1997
Date finished: 7 July 1997
Logged by: C.D. Bartlett, B.A. Geologist
Drilled by: Chibougamau Diamond Drilling Ltd.
Core size: NQ (core stored on property)

Total depth: 150m

0.00-6.42 Drill Casing

6.42-6.82 MAFIC METAVOLCANICS - BASALT

Aphanitic, dark green-black, zones of amygdules with calcite fill, minor qtz, many vesicles are Fe-stained.

6.82-9.59 MAFIC METAVOLCANICS - TUFF

Lapilli to ash tuff, heavily foliated with welded - fiamme - texture visible in alt. chlorite laths, 50-60°. Matrix is chloritized with some alteration to biotite and schisty with crenulations well developed. Occasional pyrite bleb, <0.5%. Heavily weathered zones with clay and talc rich core, very broken up and disintegrating. Contact is weakly brecciated with thin calcite fracture fill.

9.59-10.81 MAFIC METAVOLCANICS - BASALT

Massive, aphanitic, dark green-black with small scale fracturing and calcite fracture fill. Calcite veins with minor qtz and ankerite common, occasional pyrite veinlet or small concentration associated with calcite vein, overall 1 to 2% in seams. Small magnetite crystals also present, <.25%.

10.81-13.36 SILICIFIED MAFIC METAVOLCANICS

Light green with pinkish overcast, fine grained silidified basalt. Brecciated with calcite and qtz fracture fill. Pyrite + pyrhhotite 2-3%, and magnetite crystals <0.5%.

13.36-16.46 MAFIC METAVOLCANICS - TUFF

Coarser and mylonitinized more than above, tuffaceous material white and qtz rich with green, chlorite + biotite rich matrix. Lighter green, bleached or more epidote (?). Occasional xcutting calcite vein with minor qtz, zones with larger, brecciated qtz veins, appears like silica-rich fluid influx - occurs on edge, oblique to core axis. Large basaltic clasts within and pyrite is 0.5-1%.

16.46-17.80 SILICIFIED MAFIC METAVOLCANICS

Pale pink and green, bleached, with few late semi-translucent qtz veins, xcutting 50-60° foliation. Contact with tuffs is uneven, 25°. Few fractures are pyrite "plated" with pyrite smeared out within foliation plane, otherwise very fine and diss. 1-2%. Few long, black tourmaline crystals within veins.

17.80-18.53 MAFIC METAVOLCANICS - TUFF

As above, mylonitized green tuff with sigmoidal siliceous tuff particles, small degree of pinkish K-alteration. Few xcutting calcite + qtz veins with minor ankerite.

18.53-20.71 SILICIFIED MAFIC METAVOLCANICS

Ligh green to buff colored, brecciated with clasts of bleached basalt. Large clasts of grey, semi-translucent qtz, also in veins <1cm. Pyrite + pyhhrotite 2-3%, 5% locally in concentrations of small veinlets. Few tourmaline crystals within xcutting qtz vein.

20.71-21.50 MAFIC METAVOLCANICS - TUFF

Bleached to lighter grey-green, thin chlorite + biotite + epidote in matrix with sigmoidal white to pink (K- altered) tuffaceous material, very silica rich with minor calcite. Few 3mm qtz + calcite veins running parallel and acute to core axis, no associated sulfides.

21.50-24.37 SILICIFIED MAFIC METAVOLCANICS

Altered basalt, pale buff to green colored, few clasts of reddish jasper and pink ankerite associated with fracturing and vein fill. Amygdules visible in zones, pyrite 3-5% fine and diss. as well as concentrated in veinlets.

@ 22.54-22.87 Mylonitized tuff inlier as above except more sheared. Fuzzy contacts - metasomatized.

@ 23.00-24.37 Color change to pink and green, striped alteration, foliated at 60°, calcite with ankerite and qtz blebs as amygdule fill, thin veins and clasts. Low sulfide content, <.25-0.5%, concentrated in seams and thin, discontinuous veinlets.

24.37-25.17 MAFIC METAVOLCANICS - BASALT

Altered, very light green with snadsized, mineral grains, possibly late Ab. Many calcite blebs and seams along foliation, margins altered pink, K-alteration, minor qtz veins, xcutting. Pyrite concentrated in small veinlets, few larger, late cubes <1%.

25.17-29.64 MAFIC METAVOLCANICS - TUFF

@ 25.17-27.60 Brecciated tuff - fractured basalt and tuff with fiamme texture, chloritized, also clasts of silicified basalt. Qtz and ank with calcite in fracture fill. Few veins with thick pyrite concentrations and greenish pyrhhotite, 1-2% locally.

Light green matrix with chlorite laths, fiamme texture, white albite like specks in small zones, heavily foliated at 60°. Few zones of intense veining and shearing, mylonitic. Pyrite very fine grained, <1% with few larger blebs and veinlets. Silicification in patches - light green to pinkish overcast with associated pyrite <1%, fracture surfaces clay/talc rich.

29.64-31.00 SILICIFIED MAFIC METAVOLCANICS

Siliceous fluid influx, patchy bluish grey, semi-translucent qtz with calcite and minor ankerite, pyrhhotite + pyrite <5%, fine dissem. and in veins. Basalt is green black with occasional mylonitite tuffaceous interlayers.

@ 30.27-30.40 Magnetite rich layers, black with more basaltic, green layerings - section of BIF - high sulfide concentration, 5-7% pyrite + pyrhhotite. Sulfides dissem. in basalt layers 1-2%. Small blue qtz eyes common.

31.00-33.43 MAFIC METAVOLCANICS - TUFF

Lose lighter, siliceous zones but maintain occasional black, magnetite bands for first meter. Light green tuff, chloritized with larger chlorite laths defining foliation, calcite amygdules and blue qtz eyes. Pyrite very fine grained, dissem. and in veinlets, 1-2%.

33.43-35.44 SILICIFIED MAFIC METAVOLCANICS

Bleached light green to buff color with patches of calcite + ankerite. Fine grained, dissem. sulfides, <1-2%, few xcutting calcite+ qtz + ankerite veins, some greenish sericite and talc alteration. Chlorite laths still visible - darker green and define foliation @ 50°.

@ 34.73 Tuff is brecciated in zones, higher qtz content - more intense influx of siliceous fluid.

35.44-36.34 QUARTZ VEIN - MINERALIZED ZONE

Semi-translucent grey qtz with galena 2-3%, pyrite 2-3%, cpy <1%. Few tuff clasts within, mylonitized.

@ 36.34-36.55 Mylonitic tuff, pink alteration (K-metasomatism?).

@ 36.55-37.45 Oblique qtz veining, not as mineralized as above, total sulfides <1-2%.

37.45-39.40 BRECCIATED MAFIC TUFF

Large clasts of calcite + ankerite + qtz, sheared, darker more massive and chloritized tuff, mylonitite. Calcite + qtz fracture fill plus few xcutting veins @ 50°, pyrite <0.25%. Silicified zones bleached pale grey-green with pinkish cast. Epidote + ankerite common, small flecks biotite? Sericite visible on fracture planes, pyrite + pyhhrotite 1-2% locally.

39.40-46.03 MAFIC METAVOLCANICS - TUFF

Mylonitized, with siliceous, sigmoidal tuff clasts in chloritized matrix, many calcite interlayers with minor qtz + ankerite, pyrite 0.25-0.5%, up to 1% near contact with silicified zone. Brown siderite along few fractures. Heavy foliation @ 60°.

@ 42.70 Lose mylonitic appearance (siliceous tuff material) maintain chlorite fiamme. Many calcite and fewer qtz veins.

@ 43.35-44.10 Zone in intense veining with few reddish chert clasts, pyrite blebs and fine grained, dissem. <3%.

46.03-46.32 BRECCIATED BANDED IRON FORMATION

Breccia fragments interlayered within tuff with sharp contacts, highly fractured with qtz + calcite fill, few late qtz veins. Pyrite fine grained and blebs <2%.

46.32-47.25 MAFIC METAVOLCANICS - TUFF

As above, chloritized with fragments drawn out along foliation, zones with more intense calcite veining, minor ankerite, and small clast of magnetite. Pyrite <0.5-1%, associated with veining.

47.25-49.10 BRECCIATED BANDED IRON FORMATION

As above, clasts of BIF caught up within tuff which is deformed around the fragments, with few tuff interlayers <10cm. Moderate to heavy foliation, few jasper clasts and pyrite 1-3% locally, fine grained and blebs, associated with BIF fracture fill.

49.10-113.18 MAFIC METAVOLCANICS - TUFF

Altered laths along foliation @ 60°, lighter green, augen shaped clasts in darker green, chlorite rich matrix, few clasts of BIF, pyrite <0.25%, very little calcite and/or qtz veining.

@ 49.95-50.40 BIF fragments with associated pyrite <1%.

@ 50.00 Foliation lessens, clasts are rounder and not as sheared out for short distance and then gradation into more heavily foliated, sheared mylonitic tuff.

@ 57.57-58.84 Silicified tuff, grain size fines dramatically and color is pinkish to light grey, milky, but tuffaceous texture is still visible, few qtz sigmoids <1cm though common small blue eyes., minor calcite.

@ 58.84 Lose silicification though first 50 cm calcite veining and magnite clasts with associated pyrite blebs and veinlets <1%. Quartz sigmoids and large clasts are common, higher clacite content than above, few < 0.2mm xcutting qtz veins, no sulfides assoc. Heavy foliation @ 60°, augen shaped, lighter green clasts as above.

@ 64.50 Gain small, hard, white specks - weakly albitized (?) - moderate foliatioN. Minor zone of weak silicification revealed by milky blue - grey to light pink overcasts and core becomes much harder, especially common in lighter green clasts (siliceous originally?). clear qtz veins xcutting, minor calcite, no sulfides.

@ 103.03-103.07 Calcite + qtz + pyrite <5% in thin sulfide layer
@ 106.00-106.05 "

@ 107.36-107.44 Thick qtz + calcite + ankerite veins with bright green,
@ 111.00-112.50 massive chlorite, few pyrite blebs <0.25%.

@ 125.77-126.10 Tuff is rubbly and weathered and broken up, clay and talc rich, chloritic. Few ankerite clasts.

@ 127.00-127.35 Veins with ankerite + calcite + minor qtz, 2-3% pyrite in veins and small blebs.

@ 133.18-141.05 Ash tuff, massive, lose large augen and chlorite laths are very small and less pervasive. Many fine fractures and xcutting veins with calcite. Pyrite <0.25-0.5%, few small cubes scattered. White specks take on green, epidote color and occur within foliation - timing is not clearly later as above. Few <10cm interlayers of lithic tuff.

@ 137.62-137.72 Porphyry clast, 2-3mm feldspar phenocryst, contacts not sharp.

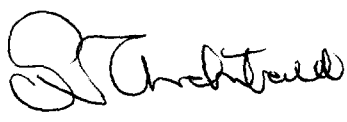
@ 138.00-139.00 Hematite staining along calcite veins and reddish tint to tuff.

@ 141.05-150.00 Lithic tuff, lighter green augen clasts in darker, chloritic matrix with altered chlorite laths throughout along foliation. Pyrite 0.25-0.5%, <1% locally in veins, minor calcite veins and fracture fill, hematite staining common. Few patchy milky grey-blue silicified zone.

@ 144.00 0.5cm qtz vein with minor calcite + ankerite + tourmaline.

@ 146.95-147.00 Qtz vein + ankerite + pyrite seam - 2-3%, few qtz + calcite clasts and veins towards end of hole, no assoc. sulfides.

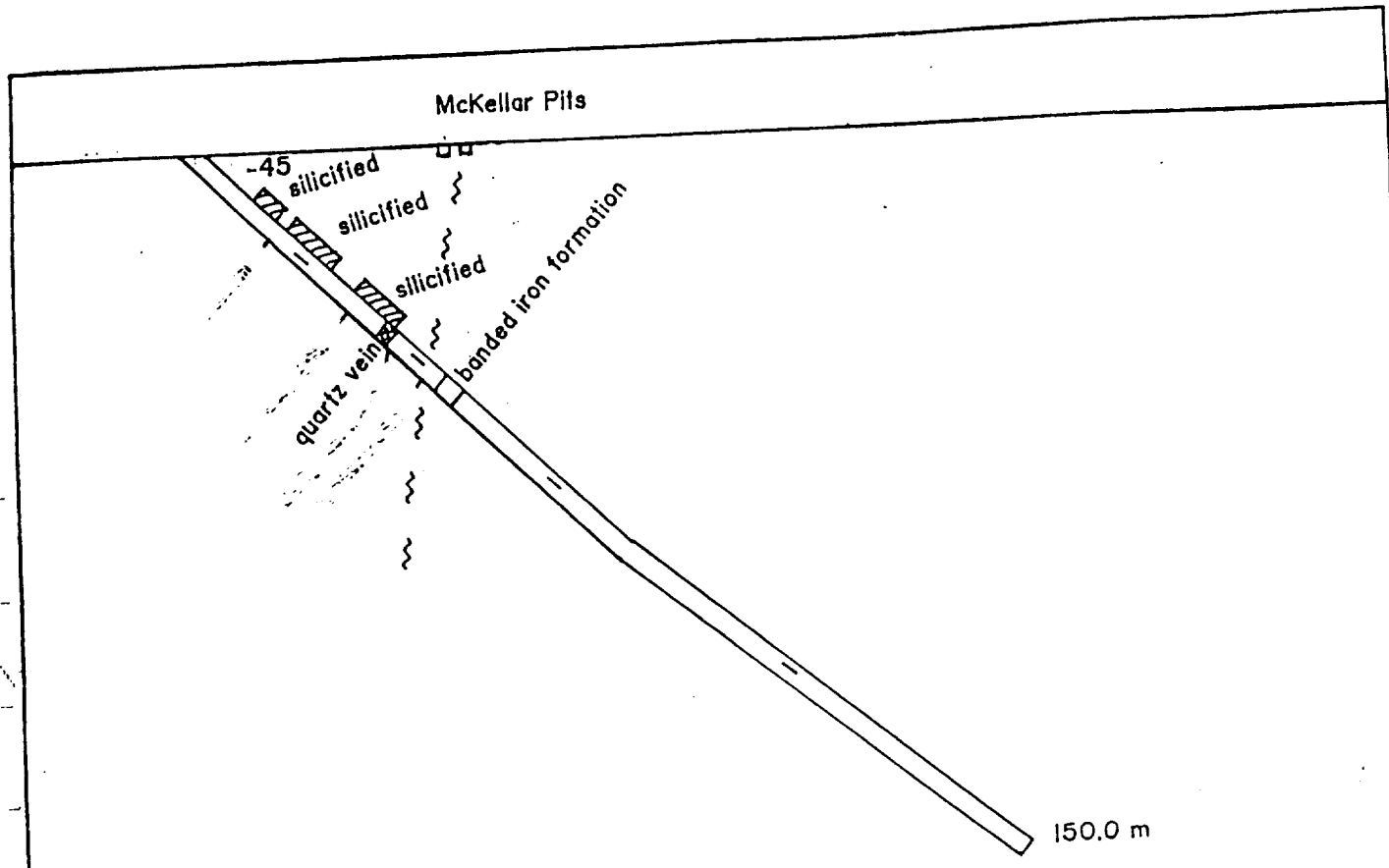
150.00 E.O.H.



97-48 Drillhole Assays

Sample #	Section (m)	Width(m)	Value (gmAu/ton)	Check	Tot Met Au
609191	12.64 - 13.24	0.60	0.080		
609192	13.24 - 13.64	0.40	0.130		
609193	16.16 - 16.76	0.60	0.200		
609194	16.76 - 17.36	0.60	0.770		
609195	17.36 - 17.96	0.60	1.610		
233969	17.96 - 18.58	0.62			
609196	18.58 - 19.08	0.50	0.540		
609197	19.08 - 19.68	0.60	0.800		
609198	19.68 - 20.28	0.60	0.760		
609199	20.28 - 20.85	0.57	0.240		
609200	21.50 - 22.10	0.60	0.750		
239801	22.10 - 22.70	0.60	0.690		
239802	22.70 - 23.30	0.60	0.330		
239803	23.30 - 23.90	0.60	0.060		
239804	25.74 - 26.37	0.63	0.050		
239805	29.60 - 30.20	0.60	0.120		
239806	30.20 - 30.80	0.60			
239807	30.80 - 31.40	0.60	<.03		
239808	31.40 - 32.00	0.60	<.03		
239809	32.00 - 32.52	0.52	<.03		
239810	33.00 - 33.60	0.60	<.03		
239811	33.60 - 34.20	0.60	0.030		
239812	34.20 - 34.80	0.60	0.100		
239813	34.80 - 35.40	0.60	0.860		
239814	35.40 - 36.05	0.65			
239815	36.05 - 36.64	0.59			
239816	36.64 - 37.24	0.60			
239817	37.24 - 37.84	0.60	0.160		
239818	37.84 - 38.44	0.60	0.040		
239819	38.44 - 39.04	0.60	0.390		
239820	39.04 - 39.64	0.60	0.060		
239821	39.64 - 40.19	0.55	0.070		

239822	40.19 - 40.64	0.45	0.120
233970	42.72 - 43.38	0.66	
239823	43.38 - 43.91	0.53	1.100
233971	43.91 - 44.20	0.29	
239824	46.04 - 46.49	0.45	0.050
239825	47.47 - 48.00	0.53	<.03
239826	48.00 - 48.60	0.60	<.03
239827	49.92 - 50.44	0.52	0.050
239828	58.48 - 59.08	0.60	<.03
239829	79.55 - 80.00	0.45	<.03
239830	88.79 - 89.24	0.45	<.03
239831	92.69 - 93.25	0.56	<.03
239832	96.90 - 97.63	0.73	<.03
239833	97.63 - 98.15	0.52	<.03
239834	102.77 - 103.23	0.46	<.03
239835	105.88 - 106.31	0.43	<.03
239836	107.23 - 107.76	0.53	<.03
239837	116.91 - 117.33	0.42	<.03
239838	127.00 - 127.45	0.45	<.03



1 Mafic Volcanic basalt

2 Felsic Volcanic tuff

3 Chemical Sediments iron formation

4 Mafic intrusive gabbro

5 Felsic intrusive syenite

0 10 20 30
meters

PELE MOUNTAIN RES. INC.
DRILLHOLE SECTION 97-48

DIAMOND DRILLING LOG **M97-49**
Pele Mountain Resources - Moss Lake Project
Claim #: 1172349
Coordinates: L800W, 292N
Azimuth: 151°
Dip: 43.5° @ 72m
Date started: 8 July 1997
Date finished: 8 July 1997
Logged by: T.A. McMenamy, B.Sc. Geologist and T.D. Zeman, B.Sc.
Drilled by: Chibougamau Diamond Drilling Ltd.
Core size: NQ (core stored on property)

Total depth:73.30

0.00-6.73 Drill Casing

6.73-11.90 MAFIC METAVOLCANICS - BASALT

Aphanitic, dark gray to black, foliation at 70°, occasional zones of amygdaloidal basalt (< 15cm wide), small qtz-calcite veins at 0° and 45°, small areas (10 cm wide) with pyrite blebs and stringers at 45° (1-2% pyrite)

@ 10.50-10.60 Chloritic-clayey zone, possibly sheared

@ 11.30-11.36 Tiny porphyroclasts (0.5 mm long), possibly tuff fragments

11.90-13.17 SHEARED MAFIC METAVOLCANICS - BASALT

Small shear zone with syenite-qtz dikelets (<1 cm wide) at 70°

13.17-19.31 MAFIC METAVOLCANICS - BASALT

Aphanitic, dark gray to black foliation at 70°, small zones of amygdaloidal basalt (10 cm wide)

@ 13.67-14.17 Small silicified zone with qtz pods and veinlets, trace of pyrite

@ 15.13-15.59 Mafics with qtz pods and veinlets, trace of pyrite

@ 18.27-19.31 Slightly bleached mafic metavolcanics with trace of pyrite

19.31-25.08 ALTERED MAFIC METAVOLCANICS

Chlorite laths throughout. Foliation at 50

@ 19.94-22.00 Cherty green silicified mafics with qtz veining at 45. Abundant pyrite+cpy+ga. Finely disseminated pyrite. 10% or more sulfides.

@22.00-22.17 Qtz vein

Decreasing mineralization, pyrite, pyrhhotite, cpy present, ga not so much so.

25.08-29.72 FELSIC PORPHYRY

Massive with qtz veining at 45. 1-2% finely disseminated pyrite, some blebs of pyrite. Contacts at 45.

29.72-29.89 QUARTZ VEIN

29.89-30.64 MAFIC VOLCANIC

Altered, pale green in color. 1-2% disseminated pyrite.

30.64-30.87 SYENITE DIKELET

Extremely altered. Chl laths, calcite veinlets, 2% pyrite and grey qtz.

30.87-32.55 MAFIC VOLCANIC

1-2% pyrite+pyrhhotite disseminated and in small blebs. Tuffaceous zones.

@ 32.10-32.51 Porphyritic texture, barren zone with no visible sulfides.

32.55-42.07 SHEARED MAFIC VOLCANIC and BIF

Shearing clots of qtz. Very strong foliation at 45. 2-5% pyrite. Strongly chloritized with BIF and mafics interlayered. Clasts and thin bands of magnetite and qtz thoughout with pyrite+pyrhhotite 5-10%. Some silicified mafics.

@33.26-33.47 small layer of mafic porphyry 9f

@41.58-41.75 Small zone of albitization and small qtz vein with 20% pyrite cutting across the foliation, small magnetite bands. Foliation at 70.

42.07-44.05 LAPILLI TUFF and MAFIC VOLCANIC

Trace of disseminated pyrite. basalt+tuff interdigitated. Abundant qtz-calcite and magnetite clasts and bands. 1-3% pyrite associated with the magnetite bands. Tuff is strongly chloritized and slightly brecciated.

44.05-44.49 TUFF

Trace of disseminated pyrite. Sharp top and bottom contact at 80.

44.49-45.41 MAFIC VOLCANIC TUFF

Abundant qtz-calcite + magnetite + pyrite bands and clasts. Strongly chloritized, slightly brecciated. 2-4% pyrite locally.

45.41-48.30 MAFIC VOLCANIC + TUFF

Interdigitated basalt and tuff with qtz veins <1cm. <1% pyrite-not visible.

48.30-50.50 ALTERED MAFIC VOLCANIC + IF

5-10% magnetite, lots of calcite. Sheared appearance. Veinlets are folded. Chlorite and magnetite blebs present. 2% pyrite.Shears and foliation at 45. Fractured and pinched veins consistent with folding in veins. Some pyrite cubes a few mm accross, blebs too.

50.26-60.22 MAFIC VOLCANIC and TUFF

CALCITE and qtz veinlets, many at 70-90 from C.A. Brecciation/shear zones. 1-2% pyrite.

@54.80-59.15 Amygdaloidal sections, brecciation and fragmental. Locally 2-5% pyrite+pyrhhotite. Ptygmatic folding in gtz veins, consistent fractured and pinched qtz clasts and veins. Foliation and veins at 45.

@59.15-60.22 Green altered mafics basalt and tuff. 1% or so pyrite.

60.22-61.51 BIF

Mostly all magnetite, not much qtz in thick bands, lots of cross-cutting veinlets. Contacts are fairly horizontal.

61.51-61.78 ALTERED MAFIC VOLCANIC

61.78-69.26 INTERMEDIATE COARSE FELSPAR PORPHYRY

Fairly unaltered and grey at top becoming progressively more altered and red in color. Foliation at 60. Lower contact at 45. 1-2% pyrite.

Clasts of mafics and intermediates. Strong foliation around feldspars, feldspars average 5mm accross.

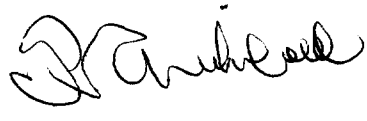
69.26-72.00 BIF

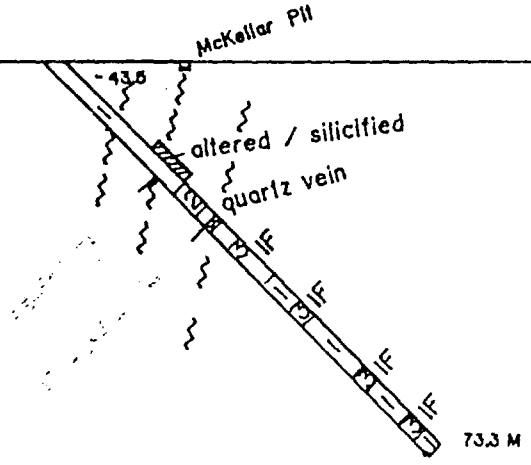
Small zone of mafic volcanics and BIF intermixed. Pyrite+pyrhhotite 1-2%, locally up to 5%. Not cherty.

72.00-73.30 MAFIC VOLCANIC

Trace of pyrite, tuffaceous zones.

73.30 E.O.H.





1 Mafic Volcanic basalt

2 Felsic Volcanic tuff

3 Chemical Sediments iron formation

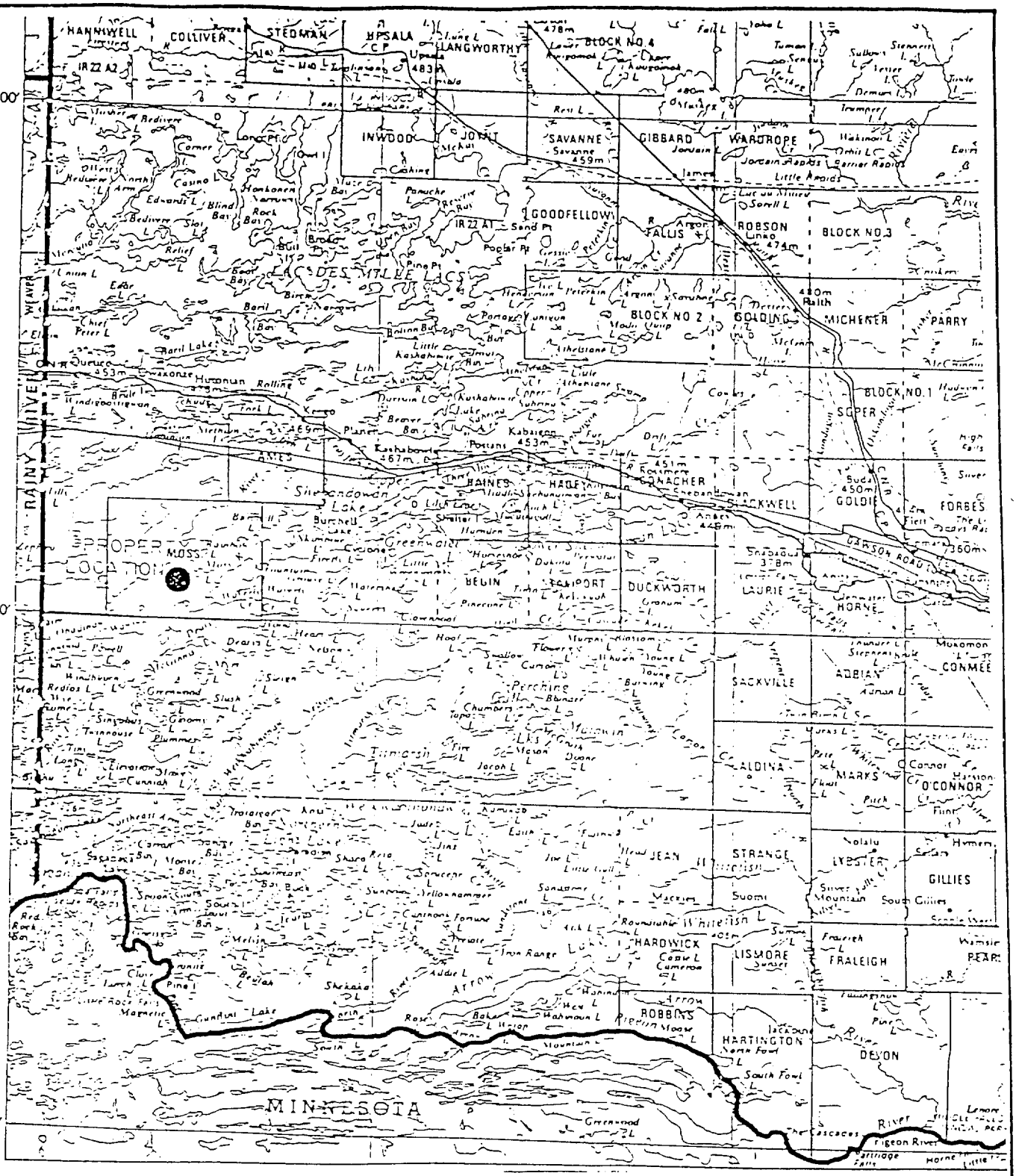
4 Mafic intrusive gabbro

5 Felsic Intrusive syenite

0 10 20 30 meters

PELE MOUNTAIN RES. INC.

DRILLHOLE SECTION 97-49



LOCATION PLAN

PELE MOUNTAIN RESOURCES INC.

CHIBOUGAMAU DIAMOND DRILLING LTD
FORAGES CHIBOUGAMAU LTÉE

☐ 526, Route 167, C.P. 4
Chibougamau (Québec)
G8P 2K5
Tél.: (418) 748-3977
Fax: (418) 748-4249

☐ C.P. 880, Val d'Or
(Québec)
J9P 4P8
Tél.: (819) 825-8401
Fax: (819) 825-4174

☐ Hwy 17, P.O. Box 309
White River (Ontario)
P0M 3G0
Tél.: (807) 822-2331
Fax: (807) 822-2468

À / TO
1200157 Ontario Inc.
Sonic Soil Sampling
668, Mill Way Avenue, units 15-16
Concord (Ontario)
L4K 3V2

FACTURE / INVOICE **6711**

DATE / DATE June 11th, 97

PROJET / PROJECT Moss Lake

T.P.S. / G.S.T.: #R101840965
T.V.Q. / P.S.T.: #1000363991

	Machine Hc 150-4		
	Hole # 97 - 45		
	NQ core		
	From 30 to 150 meters @ 42,75 $		5 130,00 $
	From 150 to 201 meters @ 43,25 $		2 205,75 $
1	Acid test @ 45,00 $ (201 m)		45,00 $
	Hole # 97 - 46		
	NW casing		
	From 0 to 3 meters @ 42,75 $		128,25 $
	NQ core		
	From 3 to 150 meters @ 42,75 $		6 284,25 $
	From 150 to 200 meters @ 43,25 $		2 162,50 $
1	Acid test @ 45,00 $ (200 m)		45,00 $
	Material left in hole		
1	NW casing 3 meters @ 121,00 $		121,00 $
1	NW casing bit @ 285,00 $		285,00 $
	Hole # 97 - 47		
	NW casing		
	From 0 to 3 meters @ 42,75 $		128,25 $
	NQ core		
	From 3 to 150 meters @ 42,75 $		6 284,25 $
	From 150 to 204 meters @ 43,25 $		2 335,50 $
1	Acid test @ 45,00 $ (204 m)		45,00 $
10%	For handling		40,60 $
	Sous-Total		25 240,35 $
7%	Tps		1 766,82 $
6,5%	Tvq		0,00 $
	Total		**27 007,17 $**

2.17830

RECEIVED
AUG 26 1997
GEOSCIENCE ASSESSMENT OFFICE

de 2320

IMPRIMERIE MÉROZ: 14104-Q2

40,570.82

CHIBOUGAMAU DIAMOND DRILLING LTD
FORAGES CHIBOUGAMAU LTÉE

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À / TO

Pele Mountain Inc.
Sonic Soil Sampling
668, Mill Way Avenue, units 15-16
Concord (Ontario)
L4K 3V2

FACTURE / INVOICE **6748**

DATE / DATE July 31st, 97

PROJET / PROJECT Moss Lake

T.P.S. / G.S.T.: #R101840965
T.V.Q. / P.S.T.: #1000363991

	Machine Hc 150-5	
	Mobilization from Dubreuillville to Moss Lake	1 250,00 $
	Stand-by for drilling	
48	Man hour at 29,50 $	1 416,00 $
	Hole # 97 - 48	
	NW casing	
	From 0 to 6 meters @ 42,75 $	256,50 $
	NQ core	
	From 6 to 150 meters @ 42,75 $	6 156,00 $
1	Acid test @ 45,00 $ (150 m)	45,00 $
	Hole # 97 - 49	
	NW casing	
	From 0 to 6 meters @ 42,75 $	256,50 $
	NQ core	
	From 6 to 72 meters @ 42,75 $	2 821,50 $
1	Acid test @ 45,00 $ (72 m)	45,00 $
	Hole # 97 - 50	
	NW casing	
	From 0 to 6 meters @ 42,75 $	256,50 $
	NQ core	
	From 6 to 102 meters @ 42,75 $	4 104,00 $
1	Acid test @ 45,00 $ (102 m)	45,00 $
10%	For handling	141,60 $
	Sub-Total	16 793,60 $
7%	GST	1 175,55 $
	Total	**17 969,15 $**

IMPRIMERIE MÉROZ: 14104-02

N

97-46

320m

135m

1172345

1172346

97-45

316m

180m

182m

1172315

97-47

1172316

205m

100m

97-52

55m

210m

97-51

25m

FISHER LAKE

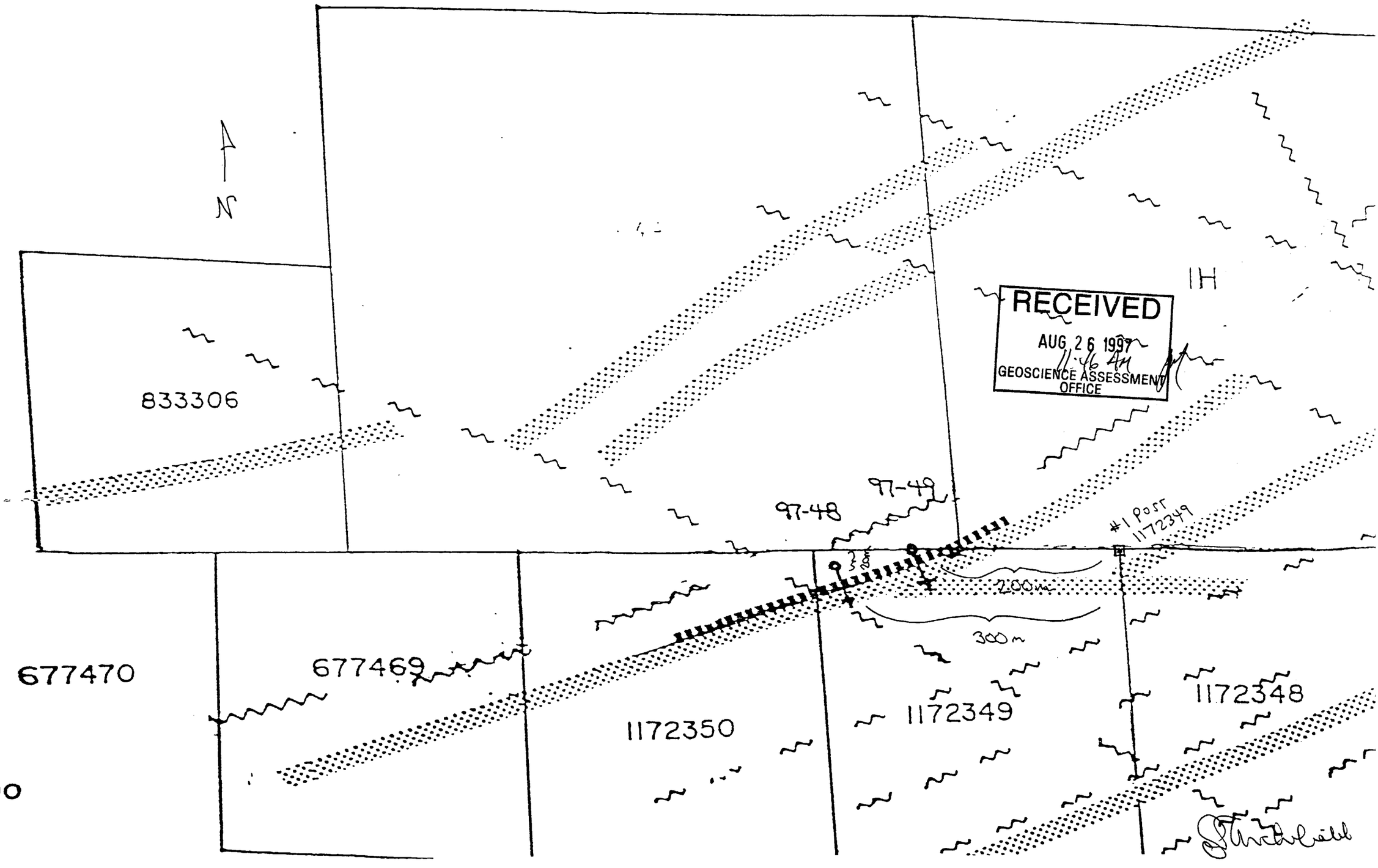
1172340

1172365

0 meters 100

DRILLHOLE LOCATIONS

CLAIM LOCATION
DRILLHOLE LOCATION



Ministry of Northern Development and Mines

Ontario

Report of Work Conducted After Recording Claim

Mining Act

2.17830

Instructions: - Please
- Refer
Recor
- A sep
- Techr

52B10SW0035 2.17830 MOSS

900

ssessment work or consult the Mining

up.

A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s)	Client No.
1200157 ONTARIO INC. (Pele Mountain Res. Inc)	302464
Address	**Telephone No.**
20 Richmond St. East Suite 212 Toronto, Ontario M5C 2 R9	416-368 7224
Mining Division / Thunder Bay; **Township/Area** / Moss Township	**M or G Plan No.** / G676
Dates Work Performed From: June 3, 1997	To: July 9, 1997

Work Performed (Check One Work Group Only)

	Work Group	Type
	Geotechnical Survey	
	Physical Work, Including Drilling	DIAMOND DRILLING NQ CORE SIZE 97-45 TO 97-49
	Rehabilitation	
	Other Authorized Work	
	Assays	
	Assignment from Reserve	

Total Assessment Work Claimed on the Attached Statement of Costs $ 39253

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
Chibougamau Diamond Drilling	526 Route 167 CP 4 Chibougamau , Que. G8P 2K5
Sonic Soil Sampling Inc.	668 Millway Ave. Unit 15, Concord, Ontario L4K 3V2

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

	Date	Recorded Holder or Agent (Signature)
I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Aug.21, 1997	F.T.Archibald agent

Certification of Work Report

F.T.Archibald

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.

Name and Address of Person Certifying		
Fred Archibald 668 Millway Ave. Unit 15, Concord, Ontario L4K 3V2		
Telepone No. / 905-6600501	**Date** / Aug.21, 1997	**Certified By (Signature)**

For Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder	Received Stamp
			RECEIVED AUG 26 1997 11:46 AM GEOSCIENCE ASSESSMENT OFFICE
	Deemed Approval Date	Date Approved	
	Date Notice for Amendments Sent Wednesday Aug 24/97		

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
PAGE 1 OF 2	1172349	1	12246	-------	12246 ✓	
17830	1209697	1	-------	800 ✓	-------	
	1196239	2	-------	800 ✓	-------	
	1196240	4	-------	1600 ✓	-------	
W(174. 00843	1196870	12	-------	4800 ✓	-------	
	1202264	2	--------	800 ✓	--------	
	1202265	2	--------	800 ✓	--------	
	1209440	1	--------	400 ✓	--------	
	1209441	2	--------	800 ✓	--------	
	1209761	15	--------	6000 ✓	-------	
	1209762	15	--------	6000 ✓	--------	
	1210239	1	--------	400 ✓	--------	
	1210240	1	======= .	400 ✓	----------	
	1210776	3	--------	1200 ✓	----------	
	1210790	9	--------	~~3600~~ 0 H	----------	
	1210791	8	--------	~~3200~~ 0 W	----------	
	1200793	9	-------	~~3600~~ 1374 ✓	----------	

	Total Number of Claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

CONTINUED ON PAGE 2

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AUG 26 1997
GEOSCIENCE ASSESSMENT OFFICE

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritize the deletion of credits. Please mark (✓) one of the following:

1. ☒ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as priorized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements etc. with reference to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.

Signature: [signature]

Date: Aug 21, 97

PAGE 2

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	1172346	1	9026	--------	~~9026~~ ✓	9026 ✓
	1172316	1	17981	--------	17981 ✓	
	1215147	10	-------	4053 ✓	-------	
	20		39253	39253	39253	
	Total Number of Claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

W1172, 1215147

82-1783.0

1 (03/91)

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritize the deletion of credits. Please mark (✓) one of the following:

1. ☒ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as priorized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements etc. with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.

Signature: S. Gundlach

Date: AUG. 21 1997

RECEIVED
AUG 26 1997
GEOSCIENCE ASSESSMENT OFFICE

Ontario Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use)
W9740.00895

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

2.12399

Work Type	Units of Work Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
Diamond Drilling	827 meters	$47.46 per m.	$39,253
Associated Costs (e.g. supplies, mobilization and demobilization).			
Transportation Costs			
Food and Lodging Costs			
		Total Value of Assessment Work	$39,253

97-45 to 97-49 incl.

Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK × 0.50 = Total $ value of worked claimed.

Note:
- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, Frederick Archibald (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as agent and manager (recorded holder, agent, or state company position with signing authority) and authorized to make this certification.

RECEIVED
AUG 26 1997
11:46AM
GEOSCIENCE ASSESSMENT OFFICE

Signature: F Archibald
Date: Aug.21,1997

0212 (02/96)

Ontario

Ministry of Northern Development and Mines / Ministère du Développement du Nord et des Mines

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9846
Fax: (705) 670-5863

November 19, 1997

1200157 ONTARIO INC.
20 Richmond Street East
Suite 212
TORONTO, ONTARIO
M5C 2R9

Dear Sir or Madam:

Submission Number: 2.17830

Subject: Transaction Number(s):		**Status**
	W9740.00895	Approval

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Bruce Gates by e-mail at gates_b@torv05.ndm.gov.on.ca or by telephone at (705) 670-5856.

Yours sincerely,

ORIGINAL SIGNED BY
Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Correspondence ID: 11579

Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.17830

Date Correspondence Sent: November 19, 1997 **Assessor:** Bruce Gates

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9740.00895	1172349	MOSS	Approval	November 18, 1997

Section:
16 Drilling PDRILL

Correspondence to:

Resident Geologist
Thunder Bay, ON

Assessment Files Library
Sudbury, ON

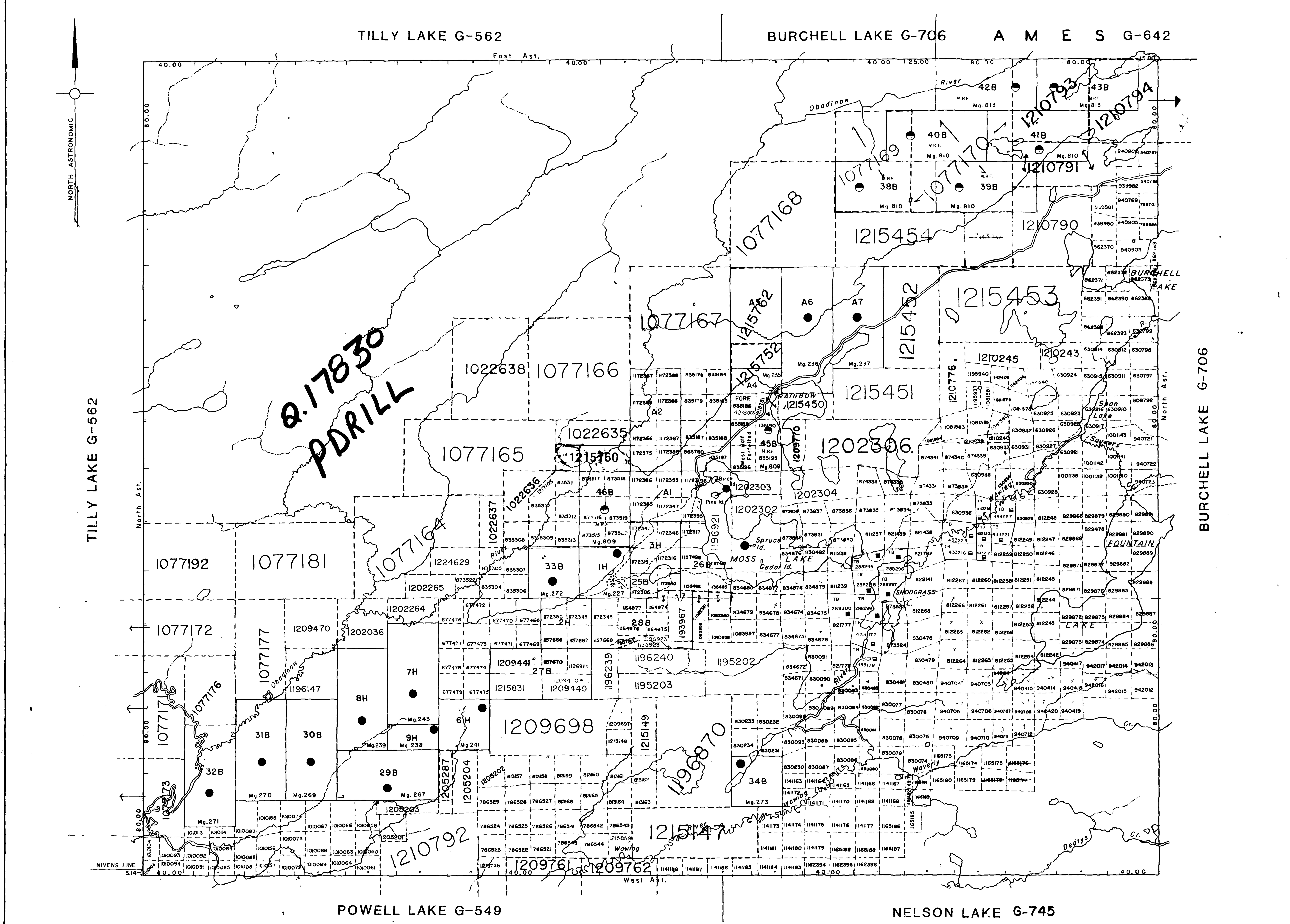
Recorded Holder(s) and/or Agent(s):

F. T. Archibald
CONCORD, ONTARIO, CANADA

1200157 ONTARIO INC.
TORONTO, ONTARIO

Correspondence ID: 11579

REFERENCES



REFERENCES

DATE OF ISSUE
AUG 26 1997
PROVINCIAL RECORDING OFFICE - SUDBURY

NOTICE:
The information that appears on this map has been compiled from various sources, and accuracy is not guaranteed. Those wishing to stake mining claims should consult with the Mining Recorder, Ministry of Northern Development and Mines, for additional information on the status of the lands shown hereon.

LEGEND

- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES:
  - TOWNSHIPS, BASE LINES, ETC.
  - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES:
  - LOT LINES
  - PARCEL BOUNDARY
  - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- *ORIGINAL SHORELINE*
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" , SURFACE RIGHTS ONLY	◓
" , MINING RIGHTS ONLY	◒
LEASE, SURFACE & MINING RIGHTS	■
" , SURFACE RIGHTS ONLY	⬒
" , MINING RIGHTS ONLY	⬓
LICENCE OF OCCUPATION	▼
ORDER-IN-COUNCIL	OC
RESERVATION	Ⓡ
CANCELLED	⊗
SAND & GRAVEL	Ⓖ
COMMERCIAL TOURISM OUTPOST CAMPS	V

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

TOWNSHIP 2.17830

MOSS

M.N.R. ADMINISTRATIVE DISTRICT
THUNDER BAY

MINING DIVISION
THUNDER BAY

LAND TITLES / REGISTRY DIVISION
THUNDER BAY

Ontario
Ministry of Natural Resources
Land Management Branch

Date MARCH 1982
In Service Sep. 27/94.

Number **G-676**