



Northing:	715	DRILL H	OLE REC	CORD	Drill Hole:	M-99-01
Easting:	2150	DNIEL II	DLL NEC	3010	or it, note:	17-33-01
Elevation:	0	*** Dip	Tests	***	Project:	Morrisette
		Depth		Dip	Property:	Link/Fortier
Collar Azi.:	180	•		•	Claim:	L802834
Collar Dip:	-50	8	180	-50	Northing:	7+15 N
		65	180	-49	Easting:	L 2150 E
		122	180	-46	GPS Easting:	NA
Hole Length:	401.00	185	180	-44	GPS Northing:	NA
Units:	Metric	236	180	-41	Date Started:	April 17, 1999
Core Size:	BQ	308	180	-40	Date completed:	April 20, 99
Grid:	Metric '96	359	180	-38	Drilled by:	L. Salo
		401	180	-40	Sample type:	Cut core
Materials left:	Casing	•			Analyses:	Au, Cu, Zn
Surveyed:	No				Lab:	ITS (Bondar-Clegg)
Local reference:	NA				Sample series:	5897-5974, 6004-601
Local reference:	NA				Lab report:	T99-57307.0/.1, 314
Comments:	Along west side of Fortier patent L	∟3837				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Logged by:	R.Skeries, '99					
Date(s) Logged:	May '99					
DH Survey Method:	Acid					
Purpose:	Cross-section main Quantec RSIP and	omaly (P-179)				
Core storage:	Moneta Porcupine Mines core facilit					

From (m)	To (m)	Geology	Sample	From (m)	To (m)	Length (m)	AU PPB	CU PPM	ZN PPM
.00	2.50	OVERBURDEN Casing to 3.0m.							
2.50	18.80	QUARTZ FELDSPAR PORPHYRY Massive and coarse grained, very homogenous with little variation in grain size, undeformed. Scattered clear quartz phenocrysts up to 1.0cm common, rounded to subangular. Minor disseminated pyrite throughout as trace. Feldspar is phenocrystic up to 1.0cm, average 0.3cm, weakly altered pale yellow green. Minor narrow quartz carb stringers at 20-70 degrees to core axis. Rare wider and better develop veinlets 2.5-3cm at 12.0m and 17.95m both at 65 degrees to core axis. Foot wall contact at 40 degrees to core axis, sharp, no well defined or obvious chill margin.							
18.80	29.85	CHERT Locally finely lamination separating more massive intervals. Rare intercalatd rhyolite/ash tuff beds (?) commonly on cm scale. Bedding 30-40 degrees to core axis overall. Pyrite often along bedding and brittle fractures as blebs and disseminated, locally massive, overall up to 1% disseminated. Local soft sediment deformation features inclusions injection, slumping and disruption of bedding, contorted. Some structural overprint with brittle fracturing (carb filled), brecciation. 22.70 23.20 Ash tuff bed(?), medium bown.							

From (m)	To (m)	Geology	Samp1e	From (m)	To (m)	Length (m)	AU PPB	CU PPM	ZN PPM,
29.85	37.50	26.50 Bedding at 45 degrees to core axis. 28.80 Bedding at 40 degrees to core axis.  MAFIC VOLCANIC Contact irregular at 30 degrees to core axis, with high angle complex carb veinlet in breccia zone. Contact area has increase in pyrite locally semi-massive, bleby, overall 3-5%. Volcanics appear pillowed may be flows, pervasive altered medium brown carbonated becoming chloritic downhole, minor silification. Pillow selvages brecciated, rubble zones, flow breccias (?), all often with bleby pyrite overall 2-3% very locally.							
37.50	127.70	Minor carb stringers throughout with minor quartz locally, rare disseminated pyrite. Local patchy weak to moderate alteration particularly approaching foot wall contact.							
		Medium grey to brown/taupe, locally dark grey, bleached.  Minor alteration (bleaching and sericite) along bedding planes, fractures, breccias, often mottled patchy and discontinous.  Graded bedding generally inconclusive for tops.  Hanging wall contact unclear, irregular and brecciated, core blocky downhole.  Local laminations or bedded at 35-40-65 degrees to core axis, locally subparallel to core axis.							
		Overall as above, minor shear in hanging wall area at 45-50 degrees to core axis. 51.00 Bedding at 60-65 degrees to core axis, tops uphole. 61.00 Onward increase in local weak sericitization often with minor breccia, bedding seems to hold at 60 degrees to core axis. 62.07 62.34 Breccia zone with minor sericitic carb, central narrow carb stringer at 45 degrees to core axis.							
		Pyrite often in narrow beds as blebs and disseminated, 3-5% over 5cm. 72.50 Bedding at 50 degrees to core axis tops uphole. Scattered carb stringers up to 2cm true width (rare), 2mm more common, as are fracture fillings. 76.60 Bedding at 55 degrees to core axis. 79.00 86.00 Onward, more massive, tuffaceous(?), alteration increase, crossing stratigraphy at low angle (?).							
		Moderate to strong alteration is patchy pervasive epidote-sericite often cloudy and gradational over cms, along fractures, bedding, breccias. 89.00 94.00 Ditto, less intense. Abundant low angle bedding sections towards foot wall. 94.00 Bedding at 20 degrees to core axis.							
		97.60 Low angle complex quartz carb sweat/stringer true width est. 4.5cm, no visible sulphides.  99.50 Bedding at 15 degrees to core axis tops may be downhole.  107.00 Bedding at 0-5 degrees to core axis, tops downhole (?).  109.00 Onward, first appearance of pyrrhotite as blebs, fracture fillings, remobilized flames, etc., pyrite still as before tr-2% locally.  115.00 Increase in pyrrhotite to 2-3%, locally disseminated subordinate pyrite							
		tr-1%.  117.00 Bedding 0-5 degrees to core axis tops downhole, local warping so top determination may be misleading.					· .		

Page: 3 of 8 Length ΖN From To Geology Sample From To ΑU CU (m) (m) PPB PPM PPM. (m) (m) (m) 119.10 More brecciated, disrupted, may be rubble or debris flow, scattered narrow bedded intervals, bleaching and alteration along fractures. 119.10 119.80 Locally pervasive epidote sericite alteration intervals, continues downhole spordically. 119.80 125.15 Sulphides increase 3-5%. locally concentrated pyrrhotite pyrite blebs. 120.00 120.70 219 36 5902 120.70 121.40 229 disseminated, flames, often with increased alteration, locally more pyrite. 26 .70 <5 239 5903 121.40 122.10 5904 122.80 . 70 161 35 122.10 26 5905 122.80 123.50 . 70 10 236 39 . 70 227 5906 123.50 124.20 .45 <5 280 46 5907 124.20 124.65 . 50 17 162 50 5908 124.65 125.15 125.15 130.25 Sulphides trace disseminated, rare blebs. 5909 125.15 125.85 . 70 51 92 49 127.60 127.70 Minor shear breccia zone with carbonate minor quartz vein 3.5cm at 35 degrees to core axis, no visible sulphides. 127.70 130.30 RHYOLITE/TUFF Locally fragmental and welded, may be lapilli tuff. Taupe light to medium brown coloured, sericitic alteration, finer grained, silicified. Flasered appearance but not strongly sheared locally at 35-40 degrees to core axis. 127 128.30 129.20 Complex low angle poorly developed vein, carbonate with minor quartz and 5910 128.30 129.20 . 90 <5Î breccia. 130.25 130.30 Poorly developed vein, carbonate with minor quartz, true width 3.5cm, no visible sulphides, foot wall 45, hanging wall 30 degrees to core axis. 130, 30 134.85 FELSIC TUFF - SULPHIDE ZONE Tuffaceous, patchy epidote alteration, mottled, silicified, weakly to moderately chloritic 130.60 131.15 7601 24 Sulphides pyrite and pyrrhotite increase from hanging wall generally 3-5% locally 15-25%. 5912 131.15 131.70 . 55 67 512 .65 40 147 11 disseminated, flames, blebs, clustered, locally semi massive over short intervals, pyrite 5913 131.70 132.35 45 .60 180 often cubic. 5914 132.35 132.95 1161 .60 64 1485 47 5915 132.95 133.55 133.55 .60 106 719 36 5916 134.15 134.15 134.85 Semi-massive to near massive pyrrhotite pyrite (5-10:1) interval, 50-75%, 5917 134.15 134,50 . 35 90 5677 40 . 35 102 3264 crude layering, minor or partial remobilization, rare chalcopyrite clusters 5918 134.50 134.85 locally 3-5%. 134.85 136.12 RHYOLITE/TUFF 5919 134.85 135.35 . 50 785 337 73 As above, fragmental. 275 65 5920 135.35 136.12 .77 48 Appears less flasered overall, more massive rhyolite flows (?). Silification similar to hanging wall of sulphide zone. Taupe coloured, sericitic, altered to medium grey, silicified. Locally clustered sulphides mainly pyrite to 5% cubes, blebs and disseminated, minor pyrrhotite. Hanging wall contact sharp at 40 degrees to core axis. 136.12 137.00 MAFIC DYKE Contacts sharp, hanging wall at 45, foot wall at 40 degrees to core axis. Non magnetic, fine grained medium dark grey, moderate carbonatization. 137.00 142.58 RHYOLTTE/TUFF As above, fragmental locally more massive - rhyolite. . 50l 18 5921 141.67 142.17 136 61 Appears less flasered overall, silification similar to hanging wall of sulphide zone.

From (m)	To (m)	Geology	Sample	From (m)	To (m)	Length (m)	AU PPB	CU PPM	ZN PPM
142.58	145.00	Taupe brown to medium grey intervals, mottled, locally with scattered white feldspar alteration patches like phens up to 1.5cm, sericitic.  Sulphides appear totally absent.  Brown colour increase to foot wall ending abruptly at carb vein at 142.17m.  142.17 142.58 Transition bounded by 1-2cm carb +\- quartz veins hanging wall / foot wall at 45 and 75 degrees to core axis.  Grey and increasingly silicified, scattered pyrite clusteres disseminated and blebs 2-3%.  FELSIC TUFF - SULPHIDE ZONE		142.17	142.58	. 41	24	268	78
142.30	143230	Tuffaceous sulphide zone as before, silicified with patchy epidote-sericite alteration often cloudy, streamer like, and diffuse.  Locally 50-75% heavy pyrrhotite pyrite flames, stringers, patches, locally disseminated.  Po:py 5-10:1, pyrrhotite often massive, pyrite scattered cubic and bleby.  Crude orientation 30-40 degrees to core axis, minor late remobilized pyrite in crosscutting stringers and breccia.							
		142.58 143.40 Heavy sulphide. 143.40 144.20 Ditto. 144.20 145.00 Ditto.	5923 5924 5925	143.40	143.40 144.20 145.00	.80	18	741 1174 718	31 56 89
145.00	146.10	RHYOLITE/TUFF As above, rhyolite, taupe to medium brown, minor scattered pyrite clusters, blebs, disseminated 1-3%, mottled clotty very fine grained chlorite?, sericitic.	5926	145.00	145.55	. 55	10	174	70
		Minor less altered interval, with carb veining, quartz and trace disseminated pyrite. 145.55 146.10 Grainier, increase in pyrite along fractures and disseminated 2-5% locally.	5927	145.55	146.10	. 55	<5	9	75
146.10	159.32	Rhyolitic tuff/flow breccia mix, locally hyaloclatitic, foot wall probably flow more massive.  Alteration and textural mix, locally silicified, sericiticed, pervasive carb, locally							
		fractured and appears brecciated, all gradational over several cms.  146.10 146.75 Appears brecciated with pale green epidote/sericite alteration and bleaching, chlorite filled fractures and narrow stringers, abundant carb veining, local patchy pyrite 3-7%, also disseminated.		146.10	146.75	.65	17	167	64
·		146.75 147.65 Dark grey, local moderate epidote/sericite alteration sections, silicified, increase quartz carb stringers at 30/60/90 degrees to core axis, pyrite stringers, blebs, patches and flames overall 2-3%, locally 5-7%.		146.75	147.65	.90	23	217	43
		147.65 148.50 Medium grey brown, silicified, chert like, very homogenous, grades into alteration zone as above.	5930	147.65	148.50	.85	10	357	508
		148.50 149.15 Pale epidote/sericite alteration as above, disseminated pyrite 2-5%, folded structure? or pillow rim?.	5931	148.50	149.15	.65	<5	71	62
		149.15 149.75 Less altered, more chloritic, pyrite as stringers, disseminated, blebs and flames 5-10% locally, minor poorly developed carbonate very narrow carbonate stringers.		149.15	149.75	.60	<5	112	61
		149.75 150.45 Medium brown grey altered, gradational contacts, more silicified and crackled, disseminated and fracture pyrite 3~5%.	5933	149.75	150.45	.70	13	<b>1</b> 070	78
		150.45 151.20 Less altered as above, pyrite locally heavy 15-20%, bleby and patchy, overall 5-8%.	1		151.20		8	212	50
		151.20 151.90 Mixed grey silicified and more chloritic interval to with bleby and disseminated pyrite, minor pyrrhotite overall 5%.		151.20				570	
		151.90 152.05 Pyrite 2-3%, disseminated and clustered, pervasive silicification carb fractures, cloudy texture may be locally brecciated, light brown grey.	1	1	152.05			252	l
		152.05 154.55 Breccia textures, light brown taupe, sericitic alteration, pervasive carb,	6004	152.05	153.90	1.85	<5	54	68

From (m)	To (m)	Geology	Sample	From (m)	To (m)	Length (m)	AU PPB	CU P <b>PM</b>	ZN PPM .
		gradational contacts, minor silicified sections, trace pyrite.  153.90 154.80 Hyaloclastite (?).  154.55 155.00 Silicified, transition, trace disseminated pyrrhotite, poorly developed quartz vein 2.0cm at 60 degrees to core axis, blocky interval.  154.80 159.32 As above, tectonized, silicified increase downhole becoming pervasive and cherty from 156.5m onwards, rubble and breccia throughout, patchy sercite/epidote alteration, pyrite 3-5% locally as clusters, disseminated, and blebs, minor in scattered quartz str'and fractures, pyrrhotite patch/flame.			154.55 155.00		<b>&lt;</b> 5 9	5 28	95 127
		155.00 155.50 Brecciated silicified, weak sericitic epidote alteration, sulphides disseminated, bleby, pyrite 1-2%, sphalerite 2-3%, trace pyrrhotite. 155.95 156.80 Ditto, pyrrhotite locally clusters, blebs, disseminated 2-5% with	6006		155.50 155.95 156.80	.45	11 <b>&lt;</b> 5 7	151 53 214	89
		pyrrhotite 1-2%. 156.80 157.65 Ditto, sulpides 2-3% as above. 157.65 158.50 Ditto.	5940 5941		157.65 158.50		9 7	171 133	
		158.50 159.32 Silicified with sharp foot wall contact, pyrite 1-2% disseminated and in fractures.	5942	158.50	159.32	.82	<5	49	22
159,32	196.00	MAFIC TO INTERMEDIATE VOLCANIC May be thick tuff unit or series of fairly massive flows, locally appears intrusive.  Increasingly chloritic downhole, leucoxene alteration, intervals appear more felsic due to silicified.  Fine to medium grained, locally porphyritic appearance, overall homogenous, generally medium to dark grey chloritic.  Variably tectonized and altered, mottled, some sharp alteration contacts, foot wall contact lost blocky with poorly developed quartz carb veinlet.  Carbonatization sericitization variable, pervasive to fracture fillings, scattered quartz carb and quartz stringers veins.  Weakly magnetic, sulphides throughout highly variable tr-5-15% locally, pyrite and pyrrhotite, both disseminated, bleby clustered and patchy, minor stringers, pyrite cubes.  159.32 161.20 Minor bleaching and intervals of lighter brown with scattered cream feldspar phenocryst patches to 1.5cm.  161.20 163.78 More brownish grey colour, sharp alteration contact on foot wall at 50 degrees to core axis, more chloritic and darker downhole becoming lighter brown grey to yellow grey at foot wall.							
		163.20 163.70 Complex vein system, stock-work, mainly quartz with minor carb in fractures, sulphidess bleby, disseminated, flames, along fractures, pyrite cubic 3-5%, pyrrhotite 5-7%, chalcopyrite tr-1%.		163.20					
		164.25 165.15 Fine to medium grained, pyrite pyrrhotite 2:1, disseminated blebs, stringers, with minor quartz and carb stringers, patchy and clots, 2-3%.  165.15 166.05 Ditto, minor shearing at 25 degrees to core axis, fine to medium grained.  166.05 166.95 Ditto medium grained transition.  166.95 167.85 Medium to slightly coarser grained, increase in sulphides to 5-10% locally,	5945 5946	165.15 166.05	166.05 166.95	.90	8 <5	96 202 137 172	82 76
		very disseminated patchy and bleby, pyrite pyrrhotite 1:3.  167.85 168.10 Bifurcating quartz vein system at 60-65 degrees to core axis, true width  10cm contacts fuzzy in places, chloritic, trace sulphide.	5948	167.85	168.10	.25	<5	134	45
		168.10 169.00 Ditto as before, less sulphides 3-5% locally, pyrite pyrrhotite 1:2. 169.00 169.90 Ditto. 169.90 170.80 Ditto, sulphide 2-3%, pyrite pyrrhotite 1:1, pyrrhotite in minor low angle shear.	5949 5950 5951	169.00	11	.90	9	244 195 243	76
		170.80 171.70 Ditto, sulphides 1-2%, minor poorly developed stringers at 50 degrees to core axis.	5952	170.80	171.70	.90	13	90	80

From (m)	To (m)	Geology	Sample	From (m)	To (m)	Length (m)	AU PPB	CU PPM	ZN PPM
		171.70 172.60 Ditto, sulphides 3-5%, pyrite pyrrhotite 1:3, trace chalcopyrite in poorly developed carb stringer. 172.60 173.50 Ditto, sulphides 2-3%. 173.50 174.40 Ditto, sulphides in patches, finer grained. 174.65 175.25 Several narrow carb +/- quartz stringers at 35, 60, 75(4cm) degrees to core	5954 5955	173.50	172.60 173.50 174.40 175.25	.90 .90	7 <5 7 <5	483 187 246 204	86 83 64 70
		axis, no visible sulphides. 175.25 176.00 Ditto, more chloritic, pyrite pyrrhotite blebs/wisps 3-4%. 176.00 177.00 Ditto, with quartz carb wispy stringers, sulphides 5-7%, pyrite cubes,	6007 6008		176.00 177.00		6 10	406 500	80 79
		buckshot, disseminated. 177.00 178.00 Ditto, sulphides 3-4% clustered and coarse grained. 178.00 179.00 Ditto, sulphide 1-3% as before. 179.00 180.00 Ditto. 180.00 181.00 Ditto, with poorly developed veinlet over 3cm with minor shear at 25	6009 6010 6011 6012	178.00 179.00	180.00	1.00 1.00	<5 <5	380 149 184 106	66 68 63 64
		degrees to core axis.  181.00 182.15 Ditto as before with bleby disseminated pyrite locally clustered 3-5%.  182.15 183.20 Poorly developed carb +\- quartz stringers at 25, 60 degrees to core axis, up to 4cm with fuzzy contacts, locally disseminated bleby cubic pyrite	6013 5957		182.15 183.20			118 105	
		1-2%, note re-assay from reject gave 21.57 g/t Au. 183.20 184.00 Poorly developed stringer with pyrite as before 2-3%, less chloritic, silicified.	6014	183.20	184.00	.80	5	74	573
		Marks transition from chloritic to carb alteration, weak hematization taupe colouration, sericitization locally, mottled with chloritic clots locally giving speckled appearance.  Downhole appears finer grained due to pervasive alteration, also increased tectonism with local shearing.  191.00 191.80 Fine grained carb altered, shear at 30, pyrite rich chloritic stringer at 15, scattered carb stringers at 20, 50, 65, 120 degrees to core axis.  194.50 196.00 Increased shearing and strong sericite alteration, 35-40 degrees to core axis with lamination developing.	5958	191.00	191.80	.80	9	71	77
196.00	237.27	FELSIC TO INTERMEDIATE INTRUSIVE May be thick felsic tuff unit, generally massive and intrusive appearance. Contacts (?) fine grained, overall medium to coarse grained, locally porphyritic. Variable and discontinous pervasive sericite alteration as patches, wisps, bands, minor intervals. Rare trace pyrite. Flasered, sheared at 30-35 degrees to core axis, locally crenulated, intensity weak to moderate, chlorite along some stronger slips. Alternating sheared non sheared in hanging wall contact area. Locally meso breccia texture with sercite wraping around quartz sweats, feldspar often cloundy pale green. 196.91 197.30 Dyke? or inclusion, sharp contacts hanging wall 40, foot wall 50 degrees to core axis, foot wall shear contact. 221.00 Small patch with emerald green wisps and stain. 225.00 237.27 Gradational but generally less shear and sericite, increasingly chloritic, coarser grained, almost porphyritic.							
237.27	279.55	MAFIC VOLCANIC Massive to pillowed(?), generally fine grained, locally medium grained, tectonized. Medium to dark green becoming light to medium green downhole. Pervasive carb alteration, minor epidote/sericite, patchy bleaching. Scattered carb sweats, stringers, abundant fracture fillings, often with redish purple							

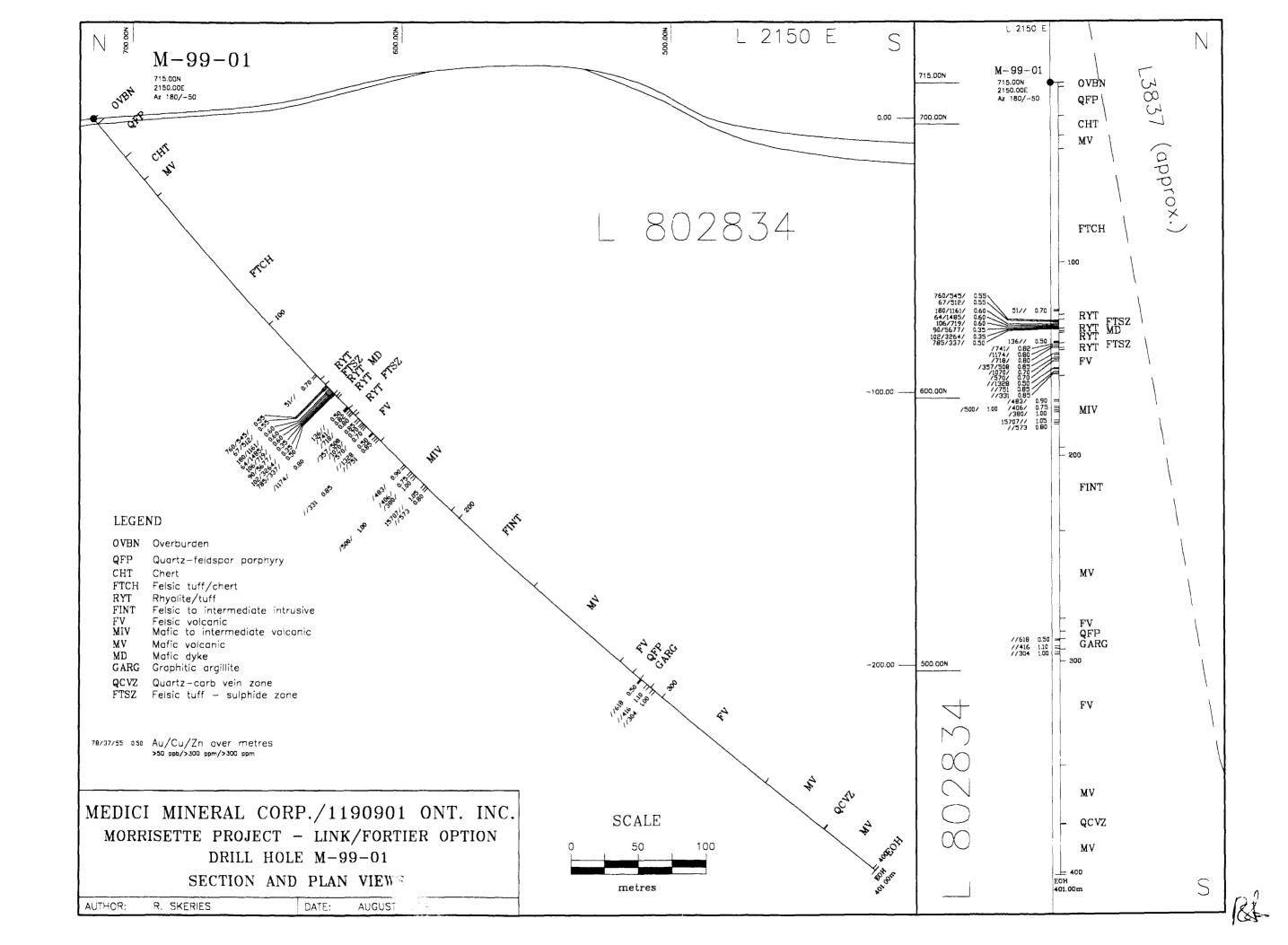
Geology Sample From To ΑIJ 7N From Tο Lenath PPM. (m) PPB PPM (m) (m) (m) (m) hematite (?). Rare trace pyrite, locally weakly magnetic. 260.97 266.72 Massive, fine grained porphyritic, flow. 266.72 279.55 Fine grained as before. light green becoming pervasive light being grey downhole, increasingly silicified, carb as before, brecciated, trace disseminated pyrite. 279.55 285.85 FELSIC VOLCANIC May be pervasive altered mafic volcanic from above, contact not clear and irregular. Silicified, fine grained, moderately carbonatized, pale brown becoming pale yellow brown Locally pervasive and strong sericitization, some low angle banding/laminations/wispy. Scattered pyrite clusters and blebs, tr-1%. Scattered locally abundant narrow carb stringers, patches, fracture fillings. 280.30 285.85 As above, less carb, increasing sericite becoming pervasive, strong shear becoming crenulated and convoluted. 285.85 289.35 **OUARTZ FELDSPAR PORPHYRY** As before. Tectonized and altered, sericitization, locally strongly hematized. 285.85 286.95 1.10 68 285.85 286.95 Strongly tectonized, sheared, contorted and crenulated, stongly sericitized 5959 24 46 with numerous quartz stringers and veinlets 35-45 degrees to core axis. Hanging wall and foot wall contacts irregular, foot wall blocky with rubble. 286.95 287.83 . 88 29 36 28 286.95 287.83 50% hematized, 50% weakly sericitization, 2 narrow slips/stringers with 5960 massive pyrrhotite patches at 20-25 degrees to core axis. 120 287.83 288.62 Weathered and rubbly, bleached, quartz stock-work on foot wall, hanging 287.83 288.62 . 79 31 5961 wall guartz vein no visible sulphides from 287.83-287.94m at 55-60 degrees to core axis, true width 9cm. 288.62 289.35 .73 13 22 51 288.62 289.35 Quartz stock-work, no visible sulphides, 50% quartz feldspar porphyry. 5962 289.35 294.40 GRAPHITIC ARGILLITE Hard, graphitic, most conductive in first 20cm, may be interflow debris horizon. Clasts, breccia fragments, blocks, etc consist of pale brown grey pervasive altered and carbonatized mafic volcanic as before (some pieces may be pillow fragments ). Variably shattered, matrix dark grey fine grained argillaceous. Packing increases downhole becoming very tight with little pore space. 289.35 289.85 Graphitic. 289.35 289.85 . 50 250 618 5897 34 289.55 294.40 Hanging wall portion all matrix supported. 5898 289.85 290.80 .95 119 98 5899 290.80 291.70 . 90 131 130 5900 291.70 292.60 .90 152 292.60 296.40 Bulk of sulphides, scattered large patches, locally buckshot, wisps, blebs, and disseminated, crossing matrix and fragments, may reach 25% locally over No graded bedding or sorting, preferred shear(?) orientation at 30 degrees to core axis, hanging wall up to 50cm broad s-fold and low angle laminations. 292.60 293.70 Bleby and disseminated pyrite 5-15% locally, may include pyrrhotite and 5963 292.60 293.70 1.10 131 416 sphalerite. 294.40 349.20 FELSIC VOLCANIC May include more mafic but highly altered volcanics. Pervasive alteration, carbonatization and silicified, pale to medium brown grey colour. Strongly tectonized with frequent narrow breccia and brittle fracture zones.

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From To Geology Sample From enath CU ΖN To PPM. (m) (m) (m) (m) PPB PPM Intrapillow and interflow material as above, throughout, rare scattered disseminated pyrite. Scattered low angle complex carb stringers and veinlets, others at 80-90 degrees to core axis. 1.00 13 238 294.40 295.40 Massive patches of pyrite, bands, blebs, 5-25% locally, may include 5964 294.40 295.40 105 pyrrhotite and sphalerite. 304 295.40 296.40 Ditto. 295,40 296.40 1.00 102 5965 305.45 305.70 Carb quartz vein at 35 degrees to core axis, true width 7.5cm, no visible 5966 305.45 305.70 .25 41 62 sulphides. 72 57 5967 313.45 313.70 .25 <5 313.45 313.70 Poorly developed quartz carb vein with breccia, irregular at 30 degrees to core axis, epidote, tr-1% pyrite, true width 7cm. .30 <5 108 59 5968 314.95 315.25 314.95 315.25 Poorly developed quartz carb vein with shear, irregular, high angle and 30 degrees to core axis, epidote, brecciated, disseminated pyrite 1-3%. 315.00 345.50 Approx, generally more massive with little intrapillow/flow material. 127 317.88 .70 <5 317.18 317.88 As before, disseminated pyrite 1-3%, minor matrix. 5969∥ 317.18 5970 320.60 320.95 320.60 320.95 Poorly developed quartz vein zone with 2.5cm true width high angle veinlet, .35 <5 102 with breccia and quartz patches. 330.50 349.00 Intervals with slight increase in chlorite colour more pale greenish brown. minor weak bleaching. 68 344.33 344.53 2 quartz stringers at 60 degrees to core axis, 3.5/2.0cm true width, no 5971 344.33 344.53 .20 10 77 visible sulphides, within debris. 345.50 Onward brecciation increase. 347.00 348.45 Well defined breccia zone similar to hanging wall, mainly matrix supported. 349.20 376.65 MAFIC VOLCANIC Massive flow (?), weak to moderate sericite alteration, pervasive but discontinous, often peripheral to and in zones of increased brecciation, wispy and banded, more yellow grey. Shear fabric throughout aligned with alteration bands, wisps at 45 degrees to core axis. Locally mottled, very few scattered barren quartz carb stringers. Foot wall transitional in alteration, massive section ends with quartz carb vein complex. 376.65 376.92 OUARTZ-CARBONATE VEIN ZONE 57 Quartz carb veinlet and stringers approx. 50%, sericitic, minor shear, wispy tourmaline. 5972 376.65 376.92 . 27 <5 No visible sulphides, shear at 50 degrees to core axis, contacts at 75-80 degrees to core axis. MAETO VOLCANTO 376.92 401.00 Mainly flows, carbonatized, strongly chloritic particularly downhole except for hanging wall transition zone with minor sericite. Abundant carb stringers and fracture fillings, distinctive carb veins with patchy to pervasive pink carb generally less than 2cm. Rock moderately soft, locally massive, blocky sections with minor gouge. 30 382.20 382.45 Minor quartz carb disrupted vein/stringers, with sericite wisps and bands, 5973 382.20 382.45 .25 shearing at 65 degrees to core axis. 393.50 394.30 . 80 15 393.50 394.30 Main pink carb vein with chlorite in quartz, no visible sulphides, at 30-35∥ 5974 degrees to core axis. 401.00 END OF HOLE

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Northing:	620	DRILL H	OLF RE	CORD	Drill Hole:	TL-99-01
Easting:	1900	J.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			5	
Elevation:	0	*** Dip	Tests	水水水	Project:	Morrisette
		Depth	Azi.	Dip	Property:	Link
Collar Azi.:	0	•		·	Claim:	L 802834
Collar Dip:	-45	18	0	-43	Northing:	6+20 N
·		128	0	-44	Easting:	L 19+00 E
					GPS Easting:	NA
Hole Length:	140.00				GPS Northing:	NA
Units:	Metric				Date Started:	April 22, 1999
Core Size:	BQ				Date completed:	April 24,'99
Grid:	Metric '96				Drilled by:	L. Salo
					Sample type:	Cut core
Materials left:	None				Analyses:	Au, Cu, Zn
Surveyed:	No				Lab:	ITS (Bondar-Clegg
Local reference:	NA				Sample series:	5975-6003
Local reference:	NA				Lab report:	T99-57307.0
Comments:	W of Link gold intersection					
Logged by:	R.Skeries, '99					
Date(s) Logged:	May '99					
DH Survey Method:	Acid					
Purpose:	Test subsidairy Quantec RSIP an	omaly (P-179)				
Casa akassaaa	Manaka Dawassana Manan Kanilishs	T				

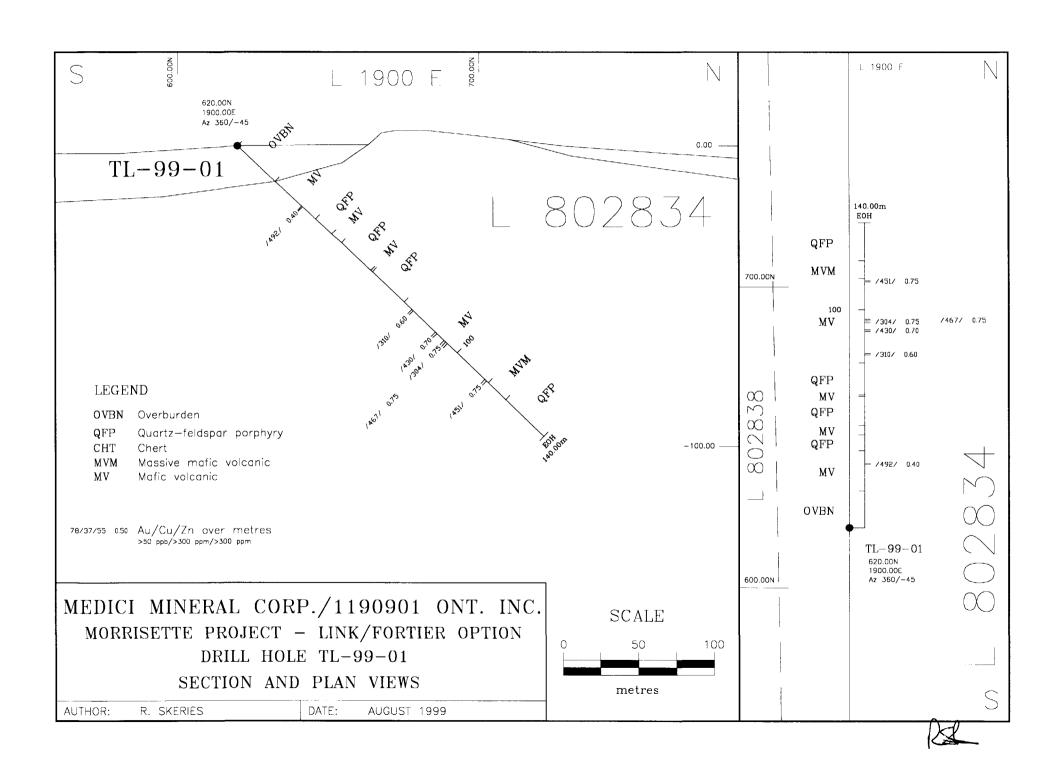
Test subsidairy Quantec RSIP anomaly (P-179) Moneta Porcupine Mines facility, Timmins

Core storage:

From (m)	To (m)	Geology	Sample	From (m)	To (m)	Length (m)	AU PPB	CU PPM	ZN PPM
.00	17.10	OVERBURDEN Casing to 17.9m (60').							
17.10	35.30	MAFIC VOLCANIC Generally fine grained, locally sheared often low angle, mainly flows with locally massive sections. Chloritic, moderately hard to hard, weakly magnetic. Foot wall contact at 45 degrees to core axis, sharp. Minor scattered pyrite disseminated, blebs, clustered 1-3% locally, overall trace. Abundant carb fracture fillings, tectonized with brittle fracturing. Scattered low angle carb stringers often with minor breccia at 10-15 degrees to core axis. Minor epidote/sericite at flow and pillow(?) contact, shears. 19.25 20.10 Low angle carb stringer with breccia, at 10-15 degrees to core axis, true width approx. 5cm. 29.00 29.40 Ditto, true width 2.5cm, pyrite in mafic volcanic as band, stringer, and patch 1-3%.	5975			]	6	13 492	
35.30	42.63	QUARTZ FELDSPAR PORPHYRY  Medium to coarse grained, porphyritic, abundant quartz phens, feldspar white to locally pale green altered.  Pale to medium grey green, speckled, weakly carbonatized.  Foot wall contact at 25 degrees to core axis.							
42.63	46.80	MAFIC VOLCANIC Rafted(?), fine grained, medium grey, locally minor mottling, moderate to strongly							

From (m)	To (m)	Geology	Sample	From (m)	To (m)	Length (m)	AU PPB	СU РР <b>М</b>	ZN PPM
		carbonatized. Foot wall contact 30 degrees to core axis, both contacts sharp. Minor scattered carb stringers throughout with trace disseminated pyrite. 42.73 42.97 Poorly developed carb veinlet at 50 degrees to core axis, minor breccia, no visible sulphides.	5977	42.73	42.97	. 24	<5	22	40
46.80	60.25	QUARTZ FELDSPAR PORPHYRY As before, locally minor epidote alteration of feldspar. Locally finer grained sections. 59.60 59.65 Rafted mafic volcanic.							
60.25	60.92	MAFIC VOLCANIC Rafted as above, hanging wall at 55, foot wall at 65 degrees to core axis.		:					
60.92	75.45	QUARTZ FELDSPAR PORPHYRY As before, minor fracturing. Foot wall contact at 40 degrees to core axis and silicified, carbonatization, epidote altered. 65.80 66.00 Barren carb vein at 50 degrees to core axis.							
75.45	114.38	MAFIC VOLCANIC  Very mixed interval, series of pillow and tuffaceous intervals, rapid facies change, may include some flows.  Minor narrow interflow/intra pillow type sediments, alteration banding appears to follow some primary layering which may be chert.  Layering and contacts at 30-35, 45 degrees to core axis.  Alteration highly variable sharp to gradational, chloritized, carbonatized, locally silicified.  Some sections from decimetres to 1.5m appear rhyolitic/cherty but no sharp obvious contact, alteration overprint.  Pyrite pyrrhotite throughout, concentrated in more chloritic interval as blebs, stringer, patches, spots, pyrite dominates 2-5:1, overall 1-3% locally 5-8%.  Sulphides in highly altered intervals tend to be in narrow carbonate stringers, disseminated and scattered blebs 1-2%.  75.45 85.50 Strongly chloritic, medium to dark green, mainly flows with minor breccia,							
		foot wall gradational. 79.10 79.70 Scattered pyrite disseminated and bleby, narrow carbonate stringers with	5978	79.10	79.70	.60	13	310	72
		heavy pyrite pyrrhotite blebs and wisps, overall 2-3%. 81.25 81.90 Ditto, less pyrite pyrrhotite overall 1-2%, fewer carbonate stringers. 84.45 85.35 Bleaching to light green, scattered pyrite patches, interval with pyritic carbonate spots/clusters (varioles?).	5979 5980						B - T
		85.35 86.15 Increase alteration to medium beige alternating chloritic, pyrite disseminated and in fractures 1-2%. 85.50 93.25 Increase and pervasive cbz, discontinous, medium brownish grey green becoming pale beige to cream mixed with medium to dark green, much more local breccia,		85.35	86.15	.80	<5	100	37
		suggestion of pillows.  86.15 86.90 Ditto pyrite 2-4%, disseminated bleby and banded.  86.90 87.65 Ditto, pyrite 1-3%.  87.65 88.25 Ditto, pyrite 3-5%, disseminated, bleby, spots, in small carbonate ladder veinlets.	5982 5983 5984	86.90	87.65	.75	6	158 143 159	41
		88.25 89.30 Ditto, more pervasive alteration, pyrite 1-2% disseminated and in fractures. 89.30 90.00 Ditto.	5985 5986						

<u></u>	+ - Y	0.1.	[ ] -	[	T -	<u> </u>		CII	711
From (m)	To (m)	Geology	Sample	From (m)	To (m)	Length (m)	AU PPB	CU PPM	ZN PPM
╼┷┷╼╬			<u> </u>						
Ŋ.		90.00 90.70 As above, more chloritic, pyrite pyrrhotite 3-5% disseminated and bleby	5987	90.00	90.70	. 70	<b>&lt;</b> 5	430	56
		locally in bands, pyrite pyrrhotite 1:1.							}
	ļ	92.60 93.25 Ditto, pyrite in concentration in patch, minor disseminated 1%.	5988	92.60	93.25	.65	<5	148	37
1		93.25 98.10 Abrupt change to medium to dark green chloritic. Pyrrhotite and pyrite increase, bleby and patchy, in stringers.							
	l l	94.05 94.80 Chloritic, pyrrhotite pyrite 1:2 disseminated, bleby, stringers, and patchy,	5989	94.05	94.80	.75	<5	304	58
-	l	locally heavy over 5cm, overall 3-5%.	5990	94.80	95.55	.75	<b>&lt;</b> 5	467	64
		94.80 95.55 Ditto, pyrrhotite pyrite 1:1, 5-7% overall. 95.55 96.30 Ditto, sulphides 1-3%.	5990	95.55				155	1 1
1	1	98.10 Medium grey brown as above, discontinous with minor chloritic intervals.							
1	l	98.25 99.00 More altered, disseminated and stringer pyrite, bleby, 2-3%. 99.00 100.00 Ditto, patchy and bleby pyrite 1-3%.	5992 5993	:		N I	<5 <5	115 48	
}		102.10 103.00 Altered, patchy, disseminated and bleby pyrite often with carb, 1% overall,						118	
)	ĵ	locally 3%.					_		
		103.00 103.80 Silicified, chloritic interval, pyrite blebs, flames, disseminated, locally 1-3%.	5995	103.00	103.80	.80	<5	50	27
Į.		103.80 104.60 Ditto, silicified, breccia, pyrite 1% disseminated.	5996	103.80	104.60	.80	6	143	
		104.60 105.15 Chloritic, pyrite cubes, blebs, disseminated, stringers, 2-3%.	5997	II I	l	a .		166	
1		109.18 110.03 Silicified as before, narrow chloritic interval with 3-5% patchy and bleby pyrite.	5998	109.18	110.03	.85	<5	260	27
ļ		110.03 110.73 Chloritic with partial silicification, brecciated locally, pyrite locally	5999	110.03	110.73	.70	<5	56	60
	1	bleby disseminated 1-2%.		110 70	111 40	70	<5	194	54
ľ	ľ	110.73 111.43 Ditto, increasingly silicified, pyrite 2-3% in fractures, bleby. 111.43 112.25 Pervasive silicification, disseminated pyrite throughout 1-2%, grey.	6000 6001	111.43	111.43 112.25			188	11
l l	1	112.25 112.75 Ditto, more cream coloured, pyrite disseminated and fracture filling, 2-3%.	6002	112.25	112.75	.50	<5	80	16
	1	112.75 113.50 Ditto, weak epidote locally with increase pyrite patches, blebs,	6003	112.75	113.50	.75	7	451	24
		disseminated, 3-5%. 113.95 114.38 Sheared and altered, appears tuffaceous and or sedimentary, medium brown				1 1			
		colour, wispy and laminated/bedded @50 degrees to core axis.				1			1
		Disseminated and scattered cubic pyrite 1-2%.	ļ	<u> </u>					ļ
114.38	122.47	MASSIVE MAFIC VOLCANIC							
	ì	Contact may be uphole approx. 40cm.		1				Ì	)
		Flow, massive, chloritic, fine to medium grained, very homogenous.  Hanging wall strongly sheared @35-50 degrees to core axis, gradational to no shear and no	,						
		alteration at 116.1m.		1					
		Foot wall increase altered, carbonatization, becoming grey beige downhole.							
122.47	140.00	QUARTZ FELDSPAR PORPHYRY							
'==' .'	1,0.00	Intrusive similar to previous and same as collared in m-99-01.	Į.	İ	<u> </u>		ļ	ļ	Ĭ,
		Medium to coarse grained, light to medium green, feldspar phenocrysts pale cream to	<b>&gt;</b>						
		yellow green. Scattered quartz phenocrysts throughout, sericitized amphiboles(?), pervasive moderate		}		1	Ï	Ì	
		carbonatization.		H	ļ		ļ		
		Hanging wall contact irregular at 55-60 degrees to core axis.				1			
140.00		END OF HOLE							
						1		1	
i		~0							
) 		124			1		Ĭ	1	1





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	4400004 ONTADYO LYMYTED
	1190901 ONTARIO LIMITED
	MR. RAINER SKERIES
	P.O. BOX 1756
	TIMMINS, ONTARIO
	P4N 7W9
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REPORT	: т99	-5730	7.0 ( COMP	LETE )		REFERENCE: -						
CLIENT PROJEC			ONTARIO LI	41TED		DATE RECEIVED:			BY: R. SKERIE PRINTED: 29-JU			
DATE APPROVED	ORDER		ELEMENT	,	NUMBER OF ANALYSES	LOWER DETECTION LIMI	T EXTRACTION		METHOD			
990729 990729		Au30 Cu	Gold Copper		103 103	5 PPB 1 PPM	Fire Assay of HCL:HNO3 (3:1)		30g Fire Assa ATOMIC ABSORP			
990729	3	Zn	Zinc		103	1 PPM	HCL:HN03 (3:1)	•••••	ATOMIC ABSORP	TION		
; ; ;	AMPLE	TYPES	S 	NUMBER	SIZE FRA	CTIONS	NUMBER	SAMPLE	PREPARATIONS	NUMBER		
	DRI	LL COF	RE	103	-150		103	CRUSH,		103 103		
R	EPORT	*** Th re	MR.	pecific to those only to the sam	S ************ eproduced ex se samples i	cept in full. The dentified under eived expressed	*************** ne data present "Sample Number	" and is	****			

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Meg IP



	0901 ONTARIO L -57307.0 ( COM			DATE RECEIV	/ED: 23-JUL-99	PROJECT: LINK DATE PRINTED		99 P	AGE 1 DE
SAMPLE	ELEMENT	Au30	Cu	Zn	SAMPLE	ELEMENT	Au30	Cu	Zn
NUMBER	UNITS	PPB	PPM	PPM	NUMBER	UNITS	PPB	PPM	PPM
5901		<5	219	32	5941		7	133	331
5902		6	229	36	5942		<5	49	22
5903		<5	239	26	5943		8	258	52
5904		6	161	35	5944		7	96	72
5905		10	236	26	5945		8	202	82
5906		8	227	39	5946		<5	137	76
5907		<5	280	46	5947		8	172	71
5908		17	162	50	5948		<5	134	45
5909		51	92	49	5949		6	244	73
5910		<5	5	127	5950		9	195	76
5911		760	545	23	5951	,	<5	243	79
5912		67	512	24	5952		13	90	80
5913		40	147	11	595 <b>3</b>		7	483	86
5914		180	1161	45	5954		<5	187	83
5915		64	1485	47	5955		7	246	64
5916		106	719	36	5956		<5	204	70
5917		90	5677	40	5957		15574	105	145
5918		102	3264	38	5958		9	71	77
5919		785	337	73	5959		24	68	46
5920		48	275	65	5960		29	36	28
5921		136	18	61	5961		31	120	64
5922		24	268	78	5962		13	22	51
5923		13	741	31	5963		8	131	416
5924		18	1174	56	5964		13	105	238
5925		11	718	89	5965		5	102	304
5926	••••••	10	174	70	5966		<5	41	62
5927		<5	9	75	5967		<5	72	57
5928		17	167	64	5968		<5	108	59
5929		23	217	43	5969		<5	127	74
5930		10	357	508	5970		<5	102	94
5931	••••••	<5	71	62	5971		10	77	68
5932		<5	112	61	5972		<5	57	52
5933		13	1070	78	5973		8	30	68
5934		8	212	50	5974		< <b>5</b>	6	15
5935		8	570	80	5975		6	13	52
5936		6	252	51	5976		9	492	62
5937		9	28	127	5977		<5	22	40
5938		11	151	1328	5978		13	310	72
5939		7	214	235	5979		<5	111	68
5940		9	171	751	5980		-3		<b>J</b>

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	-57307.0 ( COM	IMITED IPLETE )		DATE RECEIVE	D: 23-JUL-99	PROJECT: LINK DATE PRINTED		99 PA	GE 2 DE
SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Cu PPM	Zn PPM	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Cu PPM	Zn PPM
5981		<5	100	37			••••••		
5982		6	158	36					
5983		6	143	41					
5984		< <b>5</b>	159	39					
5985		<5	86	22					
5986		<5	132	25		,			
5987		<5	430	56					
5988		<b>&lt;</b> 5	148	37					
5989		<5	304	58					
5990		<5	467	64					
5991	•••••••••••••••••••••••••••••••••••••••	<5	155	62		•••••		••••••	,
5992		<5	115	41					
5993		<5	48	24					
5994		<5	118	34					
5995		<5	50	27					.,,
5996	••••••••••••••••••••••••	6	143	35					
5997		<5	166	21					
5998		<5	260	27					
5999		<5	56	60					
6000		<5	194	54					
6001	••••••	<5	188	28					
6002		<5	80	16					
6003		7	451	24					

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		**************************************	·····	
	1190901 ONTARIO LIMITED			
	MR. RAINER SKERIES			
	P.O. BOX 1756			
	TIMMINS, ONTARIO			
	P4N 7W9			
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REPORT: 199-57307.1 ( COMPLETE )			R	EFERENCE: -	
CLIENT: 1190901 ONTARIO LIMITED PROJECT: LINK		DATE RECEIVE	s D: 29-JUL-99	UBMITTED BY: R. SKERIES DATE PRINTED: 6-AUG-	-99
DATE Approved order element	NUMBER OF ANALYSES	LOWER DETECTION LI	MIT EXTRACTION	METHOD	
990803 1 AuGrav Gold (Grav.) 990803 2 Au rej Gold assay on rejet	1	0.17 G/T 0.03 G/T	FIRE ASSAY FIRE ASSAY	FIRE ASSAY FIRE ASSAY	
SAMPLE TYPES NUMBER	SIZE FR/	ACTIONS	NUMBER	SAMPLE PREPARATIONS N	IUMBER
DRILL CORE 1	-150	)	1	SAMPLES FROM STORAGE PULVERIZATION	1
REPORT COPIES TO: J. IANOZZI  MR. RAINER SKERI  ***********************************	reproduced ex	dentified und	**************************************	r" and is	

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CLIENT: 1190 REPORT: T99-				DATE RECEIVED:	29-JUL-99	PROJECT: LINK DATE PRINTED:	6-AUG-99	PAGE	1 DE 1
SAMPLE Number	ELEMENT UNITS	AuGrav G/T	Au rej G/T						
5957		15.84	21.57						
		•••••••••••••••••••••••••••••••••••••••			•••••••••••••••••••••••••••••••••••••••		••••••		
		••••••••••••							

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	Testing Services
Chimitec	Bondar Clegg

1190901 ONTARIO LIMITED	
MR. RAINER SKERIES P.O. BOX 1756 TIMMINS, ONTARIO	
P4N 7W9	
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REPOR	T: T9	, ,,,,,,,		LEIE )				REFERENCE	<u>-</u>	
CLIENT PROJEC			ONTARIO LI	MITED		DATE RECEIVED:	30-JUL-99		BY: R. SKE PRINTED: 4	
DATE	ORDE	R	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMI	T EXTRACTIO	 D <b>n</b>	METHOD	
		. 70						4.70	<b>70</b> - 1	
990730 990730		Au30 Cu	Gold Copper		4	5 PPB 1 PPM	Fire Assay HCL:HNO3 (3		30g Fire A ATOMIC ABS	
990730	3	Zn	Zinc		4	1 PPM	HCL:HNO3 (3	:1)	ATOMIC ABS	ORPTION
\$	SAMPL	E TYPES	<b>s</b>	NUMBER	SIZE FR	ACTIONS	NUMBER	SAMPLE	PREPARATIO	NS NUMBER
•	DR	ILL COR	Œ	4	-15	0	4	CRUSH,	SPLIT	4
								PULVER		4
F	REPOR	T COPIE	(S TO: J. )	IANOZZI RAINER SKER			INVO	ICE TO: J.	IANOZZI	
	••••••••	re ap	********* is report port is sp plicable o	must not be becific to to only to the	reproduced ex	kcept in full. The identified under ceived expressed	"Sample Num	ber" and is		
		re ap	is report	must not be becific to to only to the	reproduced ex	identified under	"Sample Num	ber" and is		
		re ap	********* is report port is sp plicable o	must not be becific to to only to the	reproduced ex	identified under	"Sample Num	ber" and is		
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		re ap	********* is report port is sp plicable o	must not be becific to to only to the	reproduced ex	identified under	"Sample Num	ber" and is		
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		re ap	********* is report port is sp plicable o	must not be becific to to only to the	reproduced ex	identified under	"Sample Num	ber" and is		
		re ap ot ***	is report port is specificable of	must not be pecific to tonly to the ndicated	*************  reproduced exhose samples samples as rec	identified under	"Sample Num on a dry ba	ber" and is	****	
		re ap ot ***	is report port is specificable of	must not be pecific to tonly to the ndicated	*************  reproduced exhose samples samples as rec	identified under ceived expressed	"Sample Num on a dry ba	ber" and is	****	
		re ap ot ***	is report port is specificable of	must not be pecific to tonly to the ndicated	*************  reproduced exhose samples samples as rec	identified under ceived expressed	"Sample Num on a dry ba	ber" and is	****	
		re ap ot ***	is report  port is spolicable of  therwise in	must not be pecific to tonly to the ndicated	************  reproduced exhose samples as rec	identified under ceived expressed	"Sample Num on a dry ba	ber" and is	****	
		re ap ot	is report port is specificable of	must not be pecific to tonly to the ndicated	*************  reproduced exhose samples samples as rec	identified under ceived expressed	"Sample Num on a dry ba	ber" and is	****	
		re ap ot	is report port is specificable of	must not be pecific to tonly to the ndicated	*************  reproduced exhose samples samples as rec	identified under ceived expressed	"Sample Num on a dry ba	ber" and is	****	

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	901 ONTARIO L 57314.0 ( COM			DATE RECE	IVED: 30-JUL-99	PROJECT: DATE PR		4-AUG-99	PAGE	1 DE 1
SAMPLE	ELEMENT	Au30	Cu	Zn			***************************************			
NUMBER	UNITS	PPB	PPM	PPM			••••••			
5897		34	250	618						
5898 5899		6 <5	119 131	98 130						
5900		6	152	167						
										•••••
									•••••••	
									•••••	*******
										••••••
		•••••••						•••••	••••••	

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MR. F P.O.	PO1 ONTARIO LIMITED PAINER SKERIES BOX 1756 NS, ONTARIO				
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KEPUKI	: 199	-57319	.0 ( COMP	LETE )			RE	FERENCE	: -	
CLIENT: PROJECT			NTARIO LII	MITED		DATE RECEIVED:			BY: R. SKERIES	
DATE APPROVED C	ORDER		ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMI	T EXTRACTION		METHOD	
990805 990805	-	Au30 Cu	Gold Copper		11 11	5 PPB 1 PPM	Fire Assay of HCL:HNO3 (3:1)		30g Fire Assay	
990805	3	Zn	Zinc		11	1 PPM	HCL:HN03 (3:1)		ATOMIC ABSORPT	TION
S.A	AMPLE	TYPES		NUMBER	SIZE FRA	CTIONS	NUMBER	SAMPLE	PREPARATIONS	NUMBER
	DRI	LL COR	E	11	- 150		11	CRUSH,	SPLIT	11 11
RE	EPORT	COPIE	S TO: J. 1	IANOZZI RAINER SKERI	IES	***********	INVOICE	TO: J.	IANOZZI	
		re ap	port is sp	pecific to the sonly to the s	nose samples i	cept in full. The dentified under eived expressed	"Sample Number	and is		
		***	*****	*****	******	*****	******	*****	***	
	***************************************	••••••								
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• • • • • • • • • • • • • • • • • • • •	57319.0 ( COM	LIMITED MPLETE )		DATE RECEIVED: 30-JUL-99	PROJECT: LINK DATE PRINTED:	5-AUG-99	PAGE	1 DE 1
SAMPLE	ELEMENT	Au30	Cu	Zn		*****************	***************************************	
NUMBER	UNITS	PPB	PPM	PPM				
6004	•••••••••••••••••••••••••••••••••••••••	<5	54	68		•••••	*****************	
6005		<5	5	95				
6006		<5	53	89				
6007		6	406	80				
6008		10	500	79			••••••	
6009		5	380	66				
6010		<5	149	68				
6011		<b>&lt;</b> 5	184	63				
6012		<5 .5	106	64				
6013		<5	118	63				
6014		5	74	573				
	••••••							
	••••••	•••••						





#### **Declaration of Assessment Work Performed on Mining Land**

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use) Assessment Files Research Imaging



900

f subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act assessment work and correspond with the mining land holder. Questions about this Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury.

Instructions: - For work performed on Crown Lands before <b>recording</b> a cla - Please type or print in ink.	nim, use form 0240.		
1. Recorded holder(s) (Attach a list if necessary)	e transfer		
Name	Client Number 160409		
Terry A. Link Address 13 Government Road W 11	Telephone Number 705-568-6142		
	Fax Number 707-568-6142		
Name	Client Number		
Address 959	Telephone Number		
	Fax Number		
· · · · · · · · · · · · · · · · · · ·			
2. Type of work performed: Check (✓) and report on only ONE of the following the control of the following the control of the	lowing groups for this declaration.		
Geotechnical: prospecting, surveys, assays and work under section 18 (regs)  Physical: drilling trenching and a	stripping, Rehabilitation		
Work Type	Office Use		
Diamond drilling, assaying	Commodity		
	Total \$ Value of Work Claimed 333, 707		
Dates Work         From         12         04         1999         To         20         08         1999           Performed         Day         Month         Year         Day         Month         Year	NTS Reference		
Global Positioning System Data (if available)  Township/Area MORRISETTE	Mining Division Lander Lake		
M or G-Plan Number G- 3217	Resident Geologist District Kirkland haki		
Please remember to: - obtain a work permit from the Ministry of Natural Res - provide proper notice to surface rights holders before - complete and attach a Statement of Costs, form 021 - provide a map showing contiguous mining lands that - include two copies of your technical report.	e starting work; 2;		
3. Person or companies who prepared the technical report (Attach a	list if necessary)		
Name R SKERIES	Telephone Number		
Address 462 RANDALL DRIVE TIMMINS, ONT P4N 7V3	705-268-0838 Fax Number		
Name	Telephone Number		
Address	Fax Number		
Name	Telephone Number		
Address	Fax Number		
4. Certification by Recorded Holder or Agent  I, John lannozzi, do hereby certify the this Declaration of Assessment Work having caused the work to be performed completion and, to the best of my knowledge, the appreciation is true.  Signature of Recorded Holder or Agent	/ Nate		
Agent's Address c/o 133 Kendall St. Telephone			
Point Edward, ON N7V 4G6 519-337-85	35 519-337-0543		

David Secondar 07/99.

SEP 08 1333 GEOSCIENCE ASSESSMENT OFFICE

Mining Claim Number. Or if **Number of Claim** Value of work Value of work Value of work Bank. Value of work performed on this work was done on other eligible Units. For other applied to this assigned to other to be distributed at a future date mining land, show in this mining land, list claim or other claim. mining claims. column the location number hectares. mining land. indicated on the claim map L 802834 1 32,707 800 22,400 9.507 1 L 802835 2 800 3 L 802836 1 800 4 L 802837 1 800 5 L 802838 1 800 6 L 802839 1 7 L 802840 1 800 8 L 802842 800 1 9 L 802843 800 1 L 823113 10 800 11 L 823114 1 800 L 823115 12 1 800 13 L 823116 1 14 L 1047221 1 800 L 1047222 800 15 1 L 1047223 800 16 1 17 L 1047224 1 800 18 L 1047225 800 32.707 14,400 22,400 9.507 Column Totals 18 CONTINUED , do hereby certify that the above work credits are eligible under \_John lannozzi (Print Full Name) subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done, Signature of Recorded Holder or Agent Authorized in Writing Date Sept-3-99 Instructions for cutting back credits that are not approved. 6. Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits: 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated. 2. Credits are to be cut back starting with the claims listed last, working backwards; or ☐ 3. Credits are to be cut back equally over all claims listed in this declaration; or 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe): Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary. For Office Use Only Received Stamp Deemed Approved Date Date Notification Sent Date Approved Total Value of Credit Approved Approved for Recording by Mining Recorder (Signature) 0241 (03/97) RECEIVED

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this

form

SEP 8 8 1930
GEOSCIENCE ASSESSMENT



#### Schedule for Declaration of Assessment Work on Mining Land Langue 1998 1998

Transaction Number (office use)

2 . 19707

work winning the loc	g Claim Number. Or if ras done on other eligible land, show in this column lation number indicated claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.
19	L 1013303	1		800		
20	L 1013304	1		800		
21	L 1013305	1		800		
22	L 1048772	1		800		
23	L 1048773	1		800		
24	L 1048774	1		800		
25	L 1048775	1		800		
26	L 1048776	1		800		
27	L 1049320	1		800		
28	L 1049321	1		800		
29	L 1049322	1		800		
<del></del>	Column Totals	29	32,707	23,200	22,400	9.507

0290 (02/96)

RECEIVED

SEP 08 1393

GEOSCIENCE ASSESSMENT OFFICE



Ministry of Northern Development and Mines

Τ

#### Statement of Costs for Assessment Credit

Transaction Number (office use) 20200 08803

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, this 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 a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Units of work

Work Type	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	M-99-01 401m T-99-01 140m Total 541m	\$ 41.99	\$ 22,717.80
Analytical	Au, Cu, Zn 114 samples Au repeats 2	\$ 15.05 \$ 12.70	\$ 1,741.10
Field supervision/management/spotting	6 mandays	\$ 300.00	\$ 1,800.00
Geological consulting/logging	12 mandays	\$ 350.00	\$ 4,200.00
Core handling, sawing, labeling	3.5 mandays	\$ 150.00	\$ 525.00
Associated Costs (e.g. supp	lies, mobilization and demobilization).  16 hours	\$ 20	\$ 320.00
Core shack rental	1 month 50%	\$ 1400	\$ 700.00
Sawblade	1 blade 50%	\$ 413.91	\$ 206.96
Trans	portation Costs		
Equipment rental Argo/truck			\$ 400.00
Travel	320km	\$ 0.30	\$ 96.00
Food a	nd Lodging Costs		
			¢ 22.707
Total Value of Assessment Work			\$ 32,707 (\$32,706.86)

- 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

x 0.50 =

Total \$ value of worked claimed.

SEP 08 1000

GEOSCIENCE ASSESSMENT OFFICE

#### Note:

<ul> <li>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 is not made, the Minister may reject all or part of the assessment work submitted.</li> </ul>						
Certification verifying costs:						
I,John lannozzi, 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	CFO - Director recorded holder, agent, or state company position with signing a	I am authorized to make this certification.				
C2:2(03/97)	Signature	PAECEIVED PAGE				

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

September 28, 1999

TERRY ARNOLD LINK P.O. BOX 561 KIRKLAND LAKE, Ontario P2N-1A2



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

Telephone: (888) 415-9846 Fax: (877) 670-1555

Visit our website at: www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

Dear Sir or Madam:

**Submission Number: 2.19707** 

**Status** 

Subject: Transaction Number(s):

W9980.00503 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. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

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 bruce.gates@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

## **Work Report Assessment Results**

Submission Number:

2.19707

Date Correspondence Sent: September 28, 1999

Assessor: Bruce Gates

Transaction

First Claim

Number

Township(s) / Area(s)

**Status** 

**Approval Date** 

W9980.00503

802834

MORRISETTE

Approval

September 28, 1999

Section:

Number

16 Drilling PDRILL

Correspondence to:

Resident Geologist Kirkland Lake, ON

Assessment Files Library Sudbury, ON

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

TERRY ARNOLD LINK KIRKLAND LAKE, Ontario

#### REFERENCES AREAS WITHDRAWN FROM DISPOSTION Bisley Twp M.R.O. - MINING RIGHTS ONLY S.R.O. - SURFACE RIGHTS ONLY M.+S. - MINING AND SURFACE RIGHTS SEC 35 W-LL-P1621/99 ONT MAY 12/99 M&S 1225459 225458 1225460 1225416 1225456 1222|25 1225455 SAND and GRAVEL 1151346 1151344 ∤ (G) GRAVEL FILE 46122 225457 1238979 1225993 **M** 0 1047147 1225996 1 plou 1225992 1225995 O THE INFORMATION THAT APPEARS ON THIS MAP ernhar سز 048504 HAS BEEN COMPILED 1047139 FROM VARIOUS SOURCES. AND ACCURACY IS NOT GUARANTEED THOSE WISHING TO STAKE MIN ING CLAIMS SHOULD CON 1225487 SULT WITH THE MINING 642656 2 M RECORDER, MINISTRY OF NORTHERN DEVELOP Ó 642654 642653 | 642652 MENT AND MINES, FOR AD DITIONAL INFORMATION 1226005 1238897 ON THE STATUS OF THE LANDS SHOWN HEREON J 642649 1 L 1 L 642650 | 642651 1225471 642648 642647 642648 1804083 804080 767971 767970 767974 767974 767975 767975 Surface rights on Mining Claim L 10772 temporarily 18195 withdrawn File 43155 Mining Claims outlined thus are subject to rights and privileges granted by Mining Court Order—April 1, 1946 File 19697 18199 £121401B 1225190 1049320 1111926 1111925 982341 | 982342 | 1111524 | 1111930 | 802 842 802835 802837 802840 1047225 | 982339 | 982338 | 1111525 1111932 | NOTICE OF FORESTRY ACTIVITY THIS TOWNSHIP / AREA FALLS WITHIN THE ...... Lebel Twp PDRILL TIMISKAMING MANAGEMENT UNIT AND MAY BE SUBJECT TO FORESTRY OPERATIONS THE MAR UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT: PO BOX 129 SWASTIKA, ONT. POK ITO 705-642-3222

LEGEND

SYMBOL

HIGHWAY AND ROUTE No.

TOWNSHIPS, BASE LINES, ETC.

LOTS, MINING CLAIMS, PARCELS, ETC.-

OTHER ROADS

**SURVEYED LINES** 

**UTILITY LINES** 

**RESERVATIONS** 

MINES

**ORIGINAL SHORELINE** 

MARSH OR MUSKEG

TRAVERSE MONUMENT

TYPE OF DOCUMENT

PATENT SURFACE & MINING RIGHTS

" , SURFACE RIGHTS ONLY
" , MINING RIGHTS ONLY
LEASE, SURFACE & MINING RIGHTS
" , SURFACE RIGHTS ONLY

" , MINING RIGHTS ONLY

SCALE 1 INCH 40 CHAINS

LICENCE OF OCCUPATION

ORDER-IN-COUNCIL RESERVATION

CANCELLED
SAND & GRAVEL

UNSURVEYED LINES
LOT LINES

PARCEL BOUNDARY MINING CLAIMS ETC.

**NON-PERENNIAL STREAM** 

**RAILWAY AND RIGHT OF WAY** 

FLOODING OR FLOODING RIGHTS

SUBDIVISION OR COMPOSITE PLAN

**DISPOSITION OF CROWN LANDS** 

LAND USE PERMITS FOR COMMERCIAL TOURISM, OUTPOST CAMPS Q

VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 83, SUBSEC 1.

NOTE :MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913,

METHI GUARANTEED, IN MACCURACY IS NOT

THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE TOWN MERITING OF THE LANDS SHOWN HEREON

MORRISETTE

M N R ADMINISTRATIVE DISTRICT

LAND TITLES / REGISTRY DIVISION

Natural

JANUARY 1985

Ministry of Land

Resources Branch

Management

G-3217

KIRKLAND LAKE

LARDER LAKE

MINING DIVISION

TIMISKAMING

(A)

Ontario

CIRCULATED FEB 26, 1990

OCT 0 6 1999