

BOREHOLE	PROPERTY	N.T.S. No.	SH.No./ANOM.No.	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
GP 9702	GOLDEN POLY			158	0	MNTS	E:50ENE	116+85N	18+50W	

INCLINATION AND TROPARI TESTS												
DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	TOTAL TESTS
59 m		50 1/2°										2.18663
89 m		50°										
119 m		48 1/2°										
158 m		47°										

TOP OF WEDGES

LOGGED BY	STARTED	COMPLETED	COMMENTS
FRANK P. PUSKAS	12/1/97	12/3/97	CLAIM L1076198

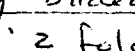
DEPTH	SAMPLE No.	MIN	ORE	ROCK	DESCRIPTION	LS	ASSAY FOR
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DRILLED BY FORAGES M. LAFRENIERE INC
 CP 32, NEDELEC PQ J0Z 2Z0

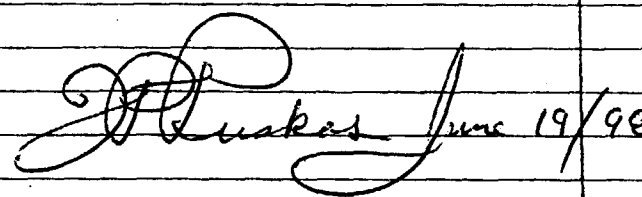


NVE		RESOURCES	Hole # GP-97-02	Date	Page # 2-6
From	To	Lithology	Description	Structure	Comments
0	23	CASING			
23		Sediment	Buff grey massive bedded argillaceous ss/slts Minor pk adularia + qtz + S rlistensian infillings from 26.14 to 26.53 (at 025° & 350°) Mafic bio chl mudstone from 27.0 (@ 090°) to 27.67 (@ 070) where in cont ^c with O_2 vein (extends to 27.86 @ 330°) 29-34.5 ditto but more brownish in colour. The argillaceous ss/slts not bio lineated; bddg @ 29.43 (@ 285°), 32.16 (@ 300°) and reversal from 34 (@ 075) to 34.3 (@ 290°).	Bedding @ 23.6 @ 290° Bddg @ 28.7 @ 280° bddg variations suggest folding; thinly banded argill / argill slts are folded to X bedded (@ 30.25 @ 310) and 34.2 to 34.3 (@ 290°, 280°)	
			34.5 - 40.45 lt buff grey ss with varved slts, py plating @ 34.82 (@ 080), 34.95 (275°) 35.43 (330°), 35.7 (275°), 35.78 (340°), 35. 85 (290°)	Cracked breccias with chl + py 34.82 - 35.78 @ 020, 045°, 080, bddg @ 280 @ 39.87, 290° @ 40.0, and 40.43	
			40.45 - 50.25 numerous interbeds of black graphitic pelite / pelitic chert; over each bed colour grades to lighter grey downhole suggesting tops up hole; graphitic beds are as follows: 42 (@ 280°) to 42.13 with signif. py seams / beds, 43.1 (@ 285°) to 43.92 with 5% diss py, 45.41 to 50.25 50.25 massive lt apple green slts. or volcanic		Py plating in addition to bedding controlled; py plating @ 46.4 (@ 065°), 46.53 (@ 290°) 46.63 (@ 340°)
			58.25 bio-act? mafic rich massive diorite to 62.77 (colour cont ^c 290°) more buff fg phase to 62.98 (cont ^c @ 290°) 62.98 - 65.09 carbonaceous pelite - slts with		

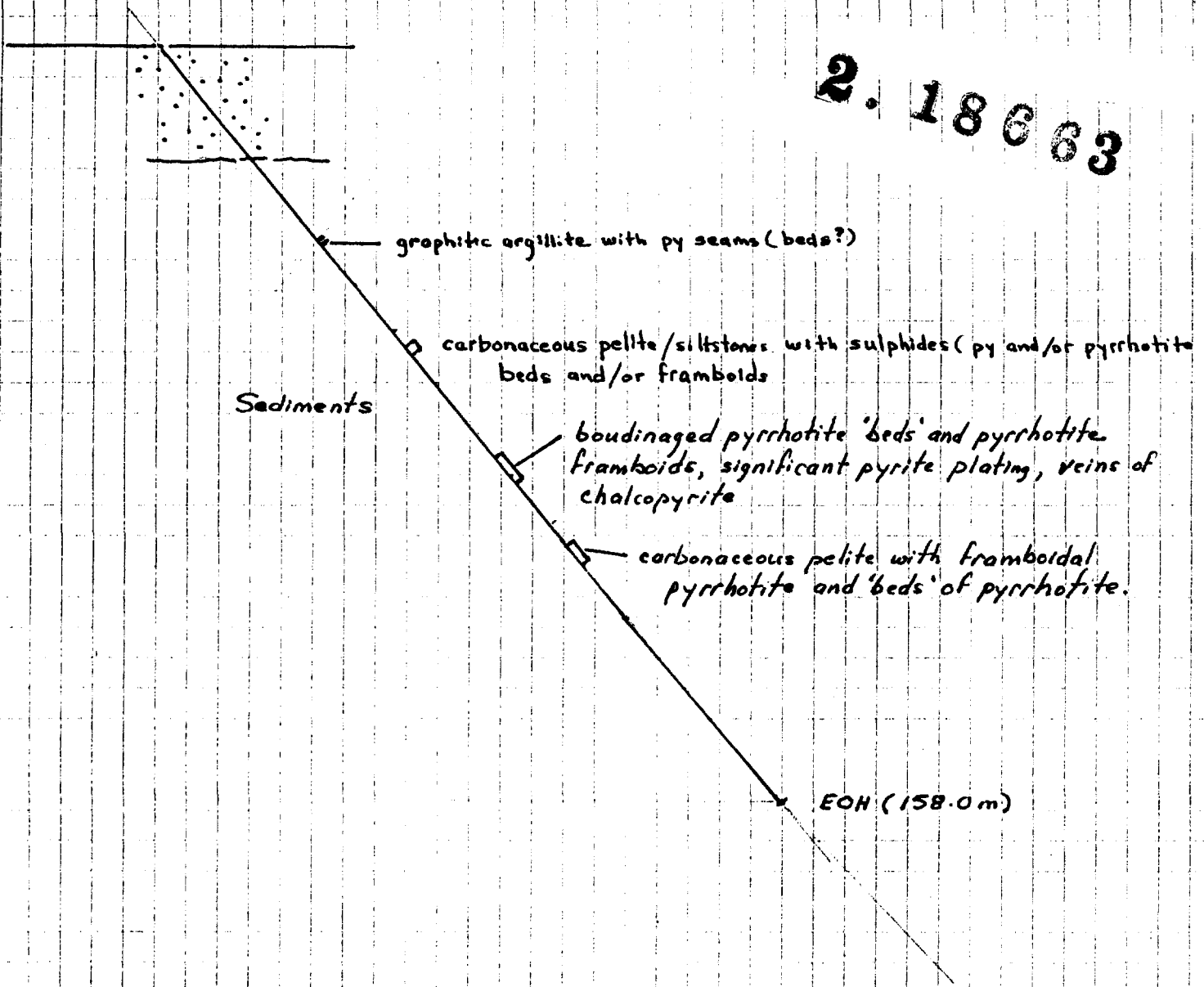
NVE		RESOURCES	Hole #	Date	Page # 3.-6
From	To	Lithology	Description	Structure	Comments
			Sulphide (py and/or po beds or framboids extensively distended, @ 63.9 bddg between graph beds @ 280° Note crumpled distended qtz band - with internal fold nose containing cpy. 65.09 sharp contact @ 280 between carbon. slts interbed and garnet-bearing contact 65.08-65.13 dense slts with diss garnet 1 to 2mm. Contact @ 65.13 @ 280° 65.13-65.53 fq (chill?) to coarser down hole with elliptical amygdules	Very tight folding @ 63.25 with fold axes striking 090°	
			65.53-85.5 grass green igneous sill (?) or alite mafic gabbro, grain size fining begins approx 85.5 to 85.58		igneous gabbro w/ky mt.
			85.58-85.62 garnet (1.5mm) bearing slts colour contact @ 280°		
			85.62-91.92 ditto 40.45 with po boudinaged beds @ 290° parallel bddg, elliptical po nodules up to 1/10 inch x 2-3/10 inch	Py plating @ 86.03 (070) and 86.08 (280°)	Note cpy dominant veins at 070° and 345° at 86.6 in po nodular graphitic pelite/orgillite
					At 87.32 fold axis trends 280° - presence indicates structural complexity of sediments. (example @ 87.73 bddg @ 300°, at 87.77 bddg @ 090°, at 87.84 bddg @ 050)
			At 88.0 bifurcating vein of fragmental qtz in mass sulph (po > cpy up to 15% of vein) bifurcation conformable to fabric is 2/10 inch wide, main vein is wedge shaped 3/10 inch and solely cpy to 1/10 inch and solely po		

N VE		RESOURCES	Hole #	Date	Page # 4 - 6
From	To	Lithology	Description	Structure	Comments
91.92	92.39	Sediment	Massive but soft finer grained bic-rich argill / mudstone		
92.34	92.79	Sediment	Massive but thinly bedded or varved, folded with gentle  2 folding, disconformable contact @ 92.79 @ 300°		
92.79		Sediment	Banded graphitic pelite with nodules and bands of po; this sequence becomes interbedded with thin apple green (clean) siltstones from approx 92m to 108.80	bddy @ 92.79 @ 070°	
			Bedding convergences and divergences comparable to the presence of numerous folds 94.2 - 94.4 (FA @ 090), 96.45 - 96.60 (FA - 6 in number - @ 090), 98.37 - 98.98 (FA @ 93.41, 98.46, 98.57, 98.67, 98.78, 98.82); FA @ 100.64, 100.69, 100.85, 100.86, 101.06, 101.09, 101.10, 101.11,	bddy divergence: @ 96.67 (@ 300°) and @ 96.83 (@ 030°)	Pelite units are partic. sulphide rich in po (beds and nodules) and py veining.
			101.88 - 103.64 (@ 320) lt apple green slts. 103.64 - 104 pelite (carb) and clean slts interbeds FA @ 300° @ 103.97	bddy @ 315 @ 101.7 carb pelite - clean ss/slts contact @ 101.88 @ 295°	Section of po bearing carbonaceous pelitic trends essentially NTC from 100 (contact @ 300°) to 101.1 (contact at 340°). Contains approx. 35% po
			104 - 108.6 carbonaceous pelite with po nodules (1mm) and beds, basal contact @ 108.6 @ 320°.	bddy @ 340° @ 104.5	
			108.6 - 108.80 very hard, congl grey cherty slts, non-nt ^c barren.	basal contact @ 108.8 @ 305°, white granular marble seam at contact	
			108.8 - 102.42 massive bictite-actinolite mafic sediment (?), diss po and po veins, @ 120.42 a fragmented-like contact with slivers slivers of carbon pelite in mafic and visa versa	Contact @ 120.42 @ 300°	

NIVE		RESOURCES	Hole #	Date	Page # 5.5
From	To	Lithology	Description	Structure	Comments
			<p>mafic particularly spotted with po specks and veins from approx 118.5 to 120.42</p> <p>120.42 - 120.74 carbonaceous pelitic chert. contact @ 120.74 @ 040°</p>		112.3 - 112.64 po spotted felsite, milky white, po veins or splashes present.
			<p>120.74 - 125.0 Confed grey banded silts, 120.95 - 121.35 more mafic apple green silts; very rapid shaper folding @ 122.45 to 127.60 (FA @ 280°), 123.2 - 123.28 (FA @ 285°), 123.59 (FA @ 090°)</p> <p>125 - 126.9 biotitic rich margin to bio-act mafic - um to 126.9; diss po 5-7% thru out; cut by milky white qtz vein from 126.03 (contact @ 340°) to 126.44 (contact @ 010°)</p>	bddg @ 122.3 @ 290°	Py plating @ 122.1 @ 020, 122.45 @ 290°, @ 122.60 @ 290° 123.15 (025°),
			<p>126.9 - 127.03 Zebra dark carbon chert & light grey silts, folded, contact @ 127.03 @ 300°</p>		
			<p>127.03 - 128.01 more massive bio rich mafic wacke (?); contact @ 128.01 @ 305°</p>		
			<p>128.01 - 142 graphitic pelite / dark chert. with diss and seams of po., lt apple green silts from 129.8 (@ 060°) to 130.74 (@ 090°), folds are extremely rapid and in broader zones: 128.01 - 128.35 (FA @ 290°), 128.97 - 129.1 (FA @ 275°), thinly varved silts from 136.85 (@ 300°) to 140. (Fault gouge of carb. pelite) to 140.9 0.5 m of lost core</p>	possible fault @ pulpy carb. pelite @ 136.4 (3 inches wide)	silts mod mt ^s due to diss po (5-9%)
			<p>140.9 - 141.5 carbon. cherty pelite with dissemin po (5-7%)</p>	112.5 to 143 lost core due to grinding	regular grey silts and Zebra carb. pelite tops @ 300° TCA @ 134.15
			<p>141.5 - 158 bio lined silts with more varved argillaceous tops (down strike) - a rep. sequence</p>		135.78 to 135.93 ragged inclusion bearing milky white qtz vein @ approx 290° TCA (ie conformable). Rapid folding & style suggestive of fold noses

NVE		RESOURCES	Hole #	Date	Page # 6-6
From	To	Lithology	Description	Structure	Comments
			is as follows: 150.55 sharp uphole argill silt contact @ 290°, 150.53 to 150.57 one normal graded bed with contact @ 150.57 @ 290° normal graded silts-argillite to 150.62 (contact @ 290°)		Tops downhole Two prominent white crypto crystalline chert beds with S(pu-py) seams from 143.28 to 143.53 and 143.74 to 145
			another sequence: 153.5 argill silts - lg ss contact @ 300°, 153.5 - 153.4 normal graded bed to varved bedded 'top' @ 153.4 (@ 310°), 153.4 to 153.49 normal graded bed ss to silts, contact @ 305°, 153.49 to 153.58 normal grading downhole. to top @ 153.58 (@ 305°) 158 FOH		lto ss/silts are essentially barren and non magnetic, section from 157 to 158 is very weakly mt' (dissem pu).
 J. Luakas June 19/98					

2. 18663



Sediments

graphitic argillite with py seams (beds?)

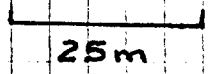
carbonaceous pelite/siltstones with sulphides (py and/or pyrrhotite beds and/or frambolds)

boudinaged pyrrhotite 'beds' and pyrrhotite frambolds, significant pyrite platting, veins of chalcopyrite

carbonaceous pelite with framboidal pyrrhotite and 'beds' of pyrrhotite.

EOH (158.0m)

NOVAWEST RESOURCES INC.
 GOLDEN POLY PROJECT
 PENSE TWP
 L 18 + 50 W, Looking West
 DDH GP. 97.02 (-50°); Azimuth N75°E
 (Casing 23m)



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BOREHOLE	PROPERTY	N.T.S. No.	SH.No.	ANOM.No.	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
GP-9703	GOLDEN POLY				191.0M	000°	47°N	91+25W	35+00W		

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	TOTAL TESTS
59		43 1/2°	182m		35°										
89		44 1/2°													
97		42 1/2°													
119		42°													

2.18663

TOP OF WEDGES

LOGGED BY	STARTED	COMPLETED	COMMENTS
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FRANK P. PUSKAS	12/3/97	12/5/97	CLAIM L104660
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
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DEPTH	SAMPLE No.	MIN	ORE	ROCK	DESCRIPTION	LS	ASSAY	FOR
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DRILLED BY FORAGES M LAFRENIERE INC
 CP 32 MEDELEC PQ J02 220



NVE		RESOURCES	Hole # EP-97-3	Date	Page # 2-16
From	To	Lithology	Description	Structure	Comments
0	5		Casing		
5	11	Sediments	<p>Argillaceous siltstones - bitites (former mudstones), very thinly banded and bedded, with relatively husky beds of bitite exhibiting a lineation parallel to banding/bedding; rare disseminated garnets; - Fine grained argillaceous sandstones and gritty sandstones appear to be the highest energy facies present.</p> <p>(A typical sedimentary couple exhibiting upward (ie uphole) fining includes a basal argillaceous gritty sandstone grading to a fine grained sandstone followed by a sharp contact with a cross-bedded argillaceous siltstone. The basal contact may exhibit load casts and/or flute casts.</p> <p>Significantly the sediments exhibit regular to parallel bedding at 305° TCA. Variations attributable to slumpage do exist with a variety of bedding angles up to 370° TCA.</p> <p>A significant additional feature is the general presence of significant sulphides of pyrite - pyrrhotite - and less chalcopyrite - sphalerite and rare galena. The sulphides occur as conformable veins of py and/or pyrrhotite, reticulate</p>	<p>uniformly banded/bedded at 300° TCA; at 6.0m thin 1/2 - 1cm beds grade from silts to argillaceous silts (ie tops downhole). It should be noted that the phyllosilicates (dominantly brown biotite - but muscovitic in specific bands/beds) are strongly lineated - but not always foliated. This structure results in two opposite 'sides' of the core exhibit a (lineation) fabric whereas the opposite 'sides' appear massive and structureless. When sulphides are present two 'sides' appear linear whereas the 'opposite' sides appear as elliptical or rounded concentrations. In other words the sulphides are 'rodded' - yet 'rods' can be comprised of an aggregate of pyrite cubic grains.</p>	<p>Base metal sulphides present as disseminated grains or joint platings (dominantly pyrite and pyrrhotite) or interstitial (pyrite - chalcopyrite) to platy adularia in adularia veins; quartz + carbonate veinlets with dissem pyrite + pyrrhotite.</p> <p>vein of py (15%) to sphalerite at S-11 @ 025</p> <p>veins of py plating @ S-27 - S-31 @ 340</p> <p>veins py @ S-5 - S-54 @ 335°</p> <p>(Qtz + carb + diss py vms @ S-67 - S-77 @ 320°</p> <p>Qtz + carb vein @ S-9 - S-94 @ 320°</p> <p>py vms @ 6.18 @ 030 & @ 6.37 @ 310</p> <p>py + Qtz vein @ 300° @ 6.38</p> <p>Qtz + py vein @ 6.46 - 6.47 @ 300</p> <p>Cpy + pc + sph @ 300 @ 6.56</p> <p>adularia + py + Qtz veinlet @ 6.71 @ 045</p> <p>py vein & py plating @ 6.77</p>

N VE		RESOURCES	Hole #	Date	Page # 3-16
From	To	Lithology	Description	Structure	Comments
				Since the sediments are at low energy and variably argillaceous the aforementioned 'structure' can make the search for bedding and bedding (in situ) structures and slump modifications difficult to quickly identify and evaluate.	@ 040 & 335 diss. py @ 6-90 adularia + py (+cpy) vein @ 7.06 - 7.07 @ 0.30; typical of those adularia veins s.l. phides are interadularia - interadularia sites can be vuggy or voids @ 7.16 - 7.24 i.s. py pe 1/2% adularia - py veins @ 7.28 at 040 composite incl. biotite - qtz + py veins @ 7.45 @ 040; py up to 30%
				Two type of veins are present (1) wavy contacts to pygmatic quartz veins which commonly occur in swarms, rarely mineralized	adularia + py veins @ 8.34 & 8.49 @ 025 qtz carb + py veins @ 8.05 @ 015 7.17 - 9.34 py wisps conformable to bedding @ 245; py plating also at 340 & 040, few specks of cpy
				(2) sharp contacts with silver-like inclusions of host rock - clearly emplaced during distension (comprised of decussate array of pinkish adularia (?) - both vuggy and infilled by chlorite, quartz - carbonate assemblage, and sulphides with the following predominating: pyrite - pyrrhotite - chalcopyrite - sphalerite - rarely	9.44 - 9.80 py diss in @ 4 v @ 355 @ 9.42 to 9.59 - py plating @ 060 @ 9.53, 9.60, 9.63 reticulate pyrite plating; 9.82 - 1.90 py @ 275 @ 070 Qtz + carb + py + iron @ 10.03 @ 050 py plating @ 10.61 @ 050

RESOURCES			Hole #	Date	Page # 4-16
From	To	Lithology	Description	Structure	Comments
			plating by pyrite - marginal marcasite. Pyrrhotite plating is relatively minor. Reticulate veins of quartz ± carbonate ± adularia can contain all sulphides in varying proportions and associations. Chalcopyrite and reddish sphalerite appear to be more antipathetic.	galena. Some veins show a lateral zoning with pyrite ± chalcopyrite followed by sphalerite (when present) followed by pyrrhotite. Presumably this reflects decreasing availability of sulphur with greater distality.	
11	16.85	Sediments	Argillaceous tops and argillaceous siltstone - fg ss bottoms; sexy garnets (1mm) 15.25 m to 16.85m. Distension veins - sometimes en echelon in configuration are patchy in development occurring at 12.1 (@ 040 - adularia plus quartz plus po-py-cpy), at 12.9 (@ 040 - adularia plus quartz plus py), 13.50 & 13.55 (@ 030 & 040 with adularia plus qtz plus 40% py), at 13.60, 13.79, 13.82, 13.87 all at 040 (adularia plus qtz plus py - one with py plus p.); 14.10 (040, adu plus qtz plus po), 14.17 (040, adu plus qtz plus po), 14.21 (040, adu + qtz), 14.68 to 14.70 (en echelon at @ 050, adu plus qtz plus py (30%) plus arsenopyrite (?) plus sphalerite specks), 14.72 (@ 330° wuggy adu plus qtz plus po-py-cpy-sph), 15.60 to 15.80 (en echelon at 050, adu plus chlorite plus py-po ± cpy)	Bedding at 310° TCA	Sulphides (py ± po) occur as plating both parallel and high angle 040 to bedding
		Sediments	ditto previous; 17.7 - 18.88 banded argillaceous 'top', 18.82 - 19.56 a coarser textured brown bio (laminated) - uctin. tc.	bedding regular and parallel at 300° TCA	Minor po-py - quartz veining @ 300 & 010

NIVE		RESOURCES	Hole #	Date	Page # 5-16
From	To	Lithology	Description	Structure	Comments
			rich mafic sediment.		19.03 - 19.07 section with
			19.56 - 410 siltstones - argillaceous siltstones	bedding at 310 TCA,	some leucocratic banding
			- argillaceous sandstones/wackes;	to 320; facings are	with 15% silvy pyrite.
				downhole @ 32.3 m,	
				32.92 m, 33.27, 36.82 m	
				Internal folding present	
				at 37.9 (fold axis at 300)	
				at 39.0 - 39.05 (fold axis	
				at 280); bedding at 40	
				50 to 40.80 is crenulated	
				or rippled at 34.5 TCA.	
				43.70 rippled bedding at 340°	
				at 46.86 a pronounced	
				disconformity at 320 TCA	
				fabric uphole with pygmaic	
				felsic bands is 040, whereas	
				below unconform. it is 310.	
					at 47.0 m pyrite platting/veining
					at 320°
					pyrite platting at 47.60 @ 020,
					at 47.73 at 330, at 51.06 at 045,
					at 51.47 vuggy Qv with ps-py-cpy
					(@ 2/cu) at 20050 (bedding at 320
51.64	57.45	Sediments	ditto previous dominantly argillites and argillaceous	bedding at ³¹⁵ 045 TCA.	Distension veining comprised of
			siltstones, rare more crystallized brown bio-actinotitic		pink adularia - quartz - minor
			'mudstone (?) precursor;		carbonate plus sulphides (up to
					30%) dominantly ps
					veins at 51.8 (at 330 & 065), at
					52.37 (at 060), 52.56 (at 045),
					52.80 (at 055), 55.52 to 57 (at 015)
					& 035 with up to 15% py, at
					57.2 (at 015 with 12% py + cpy)

N/E		RESOURCES	Hoie #	Date	Page # 6-16
From	To	Lithology	Description	Structure	Comments
57.45	70.0	Sediments	ditto previous; dominantly massive appearing siltstones - f.g. sandstones/wackas;	banding/bedding regular at 315 TCA; distension emplaced veins/veinlets of pink adularia + qtz + carbonate with conformable globes of sulphides - dominantly pc, veins at 57.85 (@ 070) to 58.56 (@ 015), at 59. to 59.37 (@ 025)	py plating at 61.53 at 320, 290., py plating at 64.15 to 64.26 @ 280., py plating @ 68.0 @ 015.
70.0	74.0	Sediments	ditto previous; more interfingering of argillaceous tops by qtz-rich felsitic bands,	bedding @ 300° TCA	Massive milky white quartz peg with marginal pyrite mantle peg begins 72.50 (missing cont but appears to be 030) to 72.45 (at 020)
74.0	86.0	Sediments	ditto previous, sandstones more argillaceous with lineated biotites, lineation at 295 TCA.	Bedding features include slump closures and sole features accompanied by flame-like reentrants; bedding @ 320 @ 75.16 but reverses to 050 @ 75.50m. Bedding near parallel P.A from 77.0 to 78.50 (bedding roll to average 340); Cross-bedding features in argillaceous tops @ 83.68	Bed's may experienced top removal or topping is downhole
86.0	98.0	Sediments	ditto 70.0-74.0 with swarms of largely conformable felsic/siliceous bands 1/8 to 1/4 inch thick and more common to varve-like banded/bedded 'tops'	bedding/banding @ 310; felsic/quartz dykes are marginally ptigmatic (ie the apophyses) and more signif. are from 93.83 (45° TCA) to 93.94 (approx 015 TCA),	At 91.9 felsic - argillaceous interfinger. sequence contains 5% diss part more marginal to felsics. Very mafic bio-ectin mudstone precursor from 86.45 (320 TCA) to 87.33 (330 TCA).

N/E		RESOURCES	Hole #	Date	Page # 7-16
From	To	Lithology	Description	Structure	Comments
				94.60 (300 TCA) to 49.70 (20 TCA), 94.78 (300) to 94.86 (310 TCA), 95.63 (300) to 95.76 (320° TCA)	
48.0	112	Sediments	d.tto 74.0-86.0	bedding @ 285° pink adularia-quartz - S veins from 103.63 to 104.3 generally dip is 060 TCA; disconformity @ 110.76 @ 300 (beds uphole at 060° downhole at 300)	A 4" bed is comprised of 1/2" argillite top and 3 1/2" argillaceous slts - Fig. 5.5. 107.37 - 107.43 py platiny @ 285, host slts contains 1-2 % diss po to 107.55 (with specks of sphalerite.
113		Sediments	Largely comprised of varved argillitic (tops) which are invariably cross-bedded immediately underlain by argillaceous (lineated bio conform to bedding) and gritty (up to 2mm) sandstones; At 113.3 contact between gritty ss and argill is flamed and/or balled, dips @ 285 TCA, varved and X bedded top to 113.42 (at 290° TCA), 113.42 to 114.48 argill. grit (bio lin at 290° TCA), 114.48 shrp contact @ 290, 114.48 to 114.69 X-bedded varved argillites (X bedded elements at 280 and 305) basal argill contact at 280, 114.69 to 114.95 argill grit; 114.95 to 115 X bedded argill. 'top'; 115 - 115.54 argill gritty ss (shrp cont @ 285), 115.54 to 115.64 Bed comprised of X Bedd top & gritty ss; basal cont @ 285; 115.64 to 116.05 - an entire depositional pair; 116.05 to 116.1 - dep pair; 116.1 - 116.16 dep. pair; 116.3 to 116.35 dep. pair; 116.35 to 116.9 dep pair; 116.9 - 117 dep pair; 117 - 117.22 dep pair; 117.22 to 117.75 - argill only minor; 117.75	Tops are uphole.	

N/E		RESOURCES	Hole #	Date	Page # 8-16
From	To	Lithology	Description	Structure	Comments
			to 117.5 dep pair; 117.5 to 117.85 dep pair, 117.85 to 118.43 dep pair, gritty ss with kink banding @ 030; 118.43-118.82 dep pair with gritty slts with py plating ± pc ± cpy @ 070 and 350 in a zone from 118.6 to 118.7; 118.82-119.24 dep pair with py plating at 060	118.8-119.24 - distension veinlets of adu + Qtz + S (po - py ± sph) at 040; host ss has 3% diss pin point sized po.	
			119.24 - 119.5 and 119.5 to 119.61 two beds Sulphides (po > py >> cpy) occur in adu + Qtz distension veinlets @ 310 and as 2% diss po in sed; this sulphide distribution repeated to 120.76 with distension veinlets comprised of Qtz + carbonate (no adularia)	119.24 bedding at 285 TCA and 280 at 120.47	
			120.95 - 124.66 ditto previous, more occurrences of sulphides again as Q + C + S (po - py - sphalerite ± cpy) veinlets @ 050; and as pyrite plating @ 045; and as disseminations in the order of 1-2% largely po particularly in gritty ss/slts facies of sediment.		
			124.66 - 125.80 bio-actin coarser grained 'mudstone'	Fault with sinistral movement (ie downhole coarser textured bio-act mafic - mudstone precursor has moved uphole; fault @ 124.66 @ 345	
			125.80 - 126.16 slts/ss with py plating & 2-3 diss po in host.	fault @ 125.80 @ 340	
			125.96 - 126.16 coarser tex bio-act.	fault @ 125.96 @ 010 at a convergent angle to	

N/E		RESOURCES	Hole #	Date	Page #
From	To	Lithology	Description	Structure	Comments
				previous contact; 126.16 orientation of this contact to previous is uncertain; (Fault @ 020).	9-16
		126.16 - 131.60; same low energy sediments including varved argillites, slts and fg ss to gritty ss.		bedding/banding regular at 285, some ss-argillite contacts exhibit fluted or balling of ss. with flames of argillite.	pyrite platings largely parallel to bedding (290) at a density of one vein every 3/10" to every 1 1/2"; py veining also @ 035; Sulphides also confined to Qtz- carb veinlets at 045 TCA - sulphides include po-sphal-py; sulphides also occur as pin point disseminations of po.
		131.60 - 137.28 ditto previous with the argillaceous facies appearing more mouse grey in colour due to presence of carbon; argill ss/slts are gritty		bedding appears regular (290) yet interval from 136.55 to 136.67 shows a very and sharply folded carbon. argillite seam/bed in massive slts/fg ss. - the seam des- cribes a fold with upper trend @ 040 and lower at 340.	bio occurs lined on two 'sides' of core and as spots on the other two 'sides'. In other words bio is rodDED. Sulphides (partic py-po) in matrix of host sediments are also rodDED. Pyrite platings throughout but definitely more intense in speci- fic zones: 132.57 to 132.75 1/10" inch spacing at 070, 090, 345; 136.0 to 136.5, 1/16" inch spacing at 285, 025. and host carb platings with 8-10% diss po; 136.84 to 137.25 one inch spacing at 320, 290, 090, 070. and host qtz eye ss with 10% diss po and 3% diss py.

NVE		RESOURCES	Hole #	Date	Page # 10-16
From	To	Lithology	Description	Structure	Comments
			137.18 to 138.12 very light buff ss with lineation of muscovite; sulphides are very significant as ① thin veinlets - dominantly pyrite with possible margins of marcasite (in part deformed nodules?) ② disseminations in host matrix.	bedding regular at 290, lineation of muscovite parallel; muscov and sulphides are invariably rodlike. Zones of dense sulphide (py) veining $\frac{1}{16}$ to $\frac{1}{8}$ inch spacing include 137.22 to 138.70, 139.0 to 139.58.	sulphide veins at 137.37 contain sph-py-po-Galena, veins at 300 and 310, host with 8% py-po. Sulphide veins at 139.26 to 139.58 average $\frac{3}{16}$ inch apart at 290 and 030 veins contain 5% - 12% py & host matrix 1% pin point po to 3% with 1% py.
139.58	140.03	Sediment	ditto previous darker grey (presumably carbonaceous) thinly banded / bedded pelitic argillites; Sulphides occur as monomineralic py seams and dissem pin point po with subordinate py ranging from 12% at 139.6, to 5-6% po(py) at 139.7, to 15% po > py at 139.8, to 5-7% po > py at 139.9 and 139.95	Py seams at 290 end parallel to CR, bedding 285° FCA.	Py seams/veining generally very dense $\frac{1}{16}$ to $\frac{1}{8}$ inch separation Sample 765410
140.03	149.8	SEDEX	This unit is very mixed and mottled appearing dominantly a milky white non-transparent grey in colour. The three dominant lithologic types are: ① Irreg to regular - finger-like terminated massive non-transparent milky quartz; quartz can appear as half patches (fold noses) in more mouse grey cryptocrystalline felsite/tuff. ② mottled inclusion like facies comprised of coarse grained actinolite-tremolite with small like partial inclusions of crypto Xln felsite/tuff; mafic areas contain significant sulphides as interstitial to net textured to the silicates; the actinolite can form monomineralic, coarse textured UM and amphibolite facies as bands, balls or net textured areas;	Apparent contacts - banding and possibly bedding @ 275° The discontinuous or disrupted nature of the quartz and felsite/tuff and actinolite-tremolite UM with significant patches and net textured sulphides (po-red sphalerite) may be attributable to bedding disturbances or slumpage. Cpy more typically occurs as veins high angle to banding	The mouse grey cryptocrystalline felsite/tuff can occur banded with discontinuous intercalations/bands comprised of coarse textured actin with interstitial to net textured sulphides. Will be referred to a interbanded felsite/UM + sulphide (when felsite > UM) and interband ed UM + sulphides/ po felsite (when UM + S > felsite).

NVE		RESOURCES		Hole #	Date	Page # 11-16	
From	To	Lithology	Description	Structure	Comments		
			140.63 to 141.10 heavy sulphide (10% sph vein cpy) UM section 140.14 to 140.23, Qtz ABX with carbonate cement 140.9 to 140.13; heavy sulphides (25-30% po + sph) from 140.46 to 140.58, 140.32-140.37 Qtz 'vein' X cut by cpy 140.37 to 140.46 more mesocratic - fragmented appearing with 7% cpy patch (12 mm); 140.58-140.65 more mesocratic fragmented zone with cpy veining; 140.65, 140.65-140.90 ditto discontin UM (actin) fragments with coarse tremolite - net tex sulphides up to 20% po-sph-cpy-(py); 140.90-140.98 small lapilli sized (felsite 4-5mm) fragments; 40% net textured po-cpy-sph, UM (actinolite) fragments coarse grained				
			140.98 - 141.10 overall appears pelitoidal or fragment bearing, UM frag ^s (coarse actinolite) are generally bipolar with 35% po-sph-cpy		banding/bedding at 300 cpy veining @ 020 and 035		
			141.10 - 142.47 milky white quartz 'beds' / 'bands' 141.15 to 141.26, 141.75-141.80 milky quartz 'nose', 141.98-142.03 qtz 'nose' and pygmaic extension (142.05-142.13)			Sample (141.10 - 142.47) 765412	
			142.40 - 142.47 milky qtz 'vein' with cross cutting upper contact @ 050 and fabric at 295; basal contact goes from 330 to 0 (ie // TCA)	Interbanded felsite / UM + sulphide (20% po-sph-cpy - py)			
			142.47 - 142.81 Fragmental appearing felsite / UM + sulphides arcuate or folded milky white quartz 'vein' 142.68 to 142.81	Possible folding with fold axis at 090. Slump induced @ upper contact 335, basal 290	Sample (142.47 - 142.81) 765413		
			142.81 - 143.04 milky quartz 'vein' (with dissem sph-cpy - GALENA and po)	basal contact at 310	Sample (142.81 - 143.04) 765414		
			143.04 - 144.48 interbanded (on 4/10 inch scale) felsite and coarse textured UM + net tex sulphides	Soft slump folding, average fabric 290	Sample (143.04 - 144.48) 765415		

N/E		RESOURCES	Hole #	Date	Page # 12-16
From	To	Lithology	Description	Structure	Comments
			144.48 - 145.19 felsite / um + sulphides in net-textured contacts with the felsitic bands and/or fragments	May be slump folded; fabric at 330° Slumps from fold axial plane to FA plane is 2.5 cm. Slump heal at 300° TCA.	Distensional fracturing of host followed by introduction of massive sulphides (po) at 355° TCA. SAMPLE (144.48 - 145.19) 765416
			145.19 - 146.49 interbanded felsite / coarse um + net textured sulphides. Whether due to folding sulphides (po) can occur as bipolar eyes 7/16 inch X 2 5/16 inch	Swirly fabric - probably slumped and bondinaged. At 145.40 fabric at 295° At 145.8 fabric at 0° to 345°. Contact @ 146.34 @ 300° and 310° @ 146.49	SAMPLE (145.19 - 146.49) 765417
			146.49 - 146.80 sinuous contacts between interbanded felsite and net textured sulphide rich bands generally with coarse trem-act um.	Crests of folds can exhibit concentrations or eyes of sulphides; fabric @ 146.78 @ 310	SAMPLE (146.49 - 146.80) 765418
			146.80 - 148.68 dominantly carbonate spotted more grey cryptocrystalline 'felsite' interbanded with fragment bearing coarse actin um with net tex sulphides. From 147.46 (at 310) to 148.68 texture has changed and becomes more mafic-sulphide spotted beginning 148m. Sulphides still net textured: note band of py in massive po trending @ 325° TCA (suggests disconformable contact).	fabric @ 305 @ 146.9. Sharp basal contact with pyritic-graphitic pelite at 148.68 @ 290° TCA.	SAMPLE (146.80 - 148.68) 765419 minor distensional fragmentation with injection of actum + S (sph) at 335
			148.68 - 149.8 carbon. pelite appears to extend to 148.75; 12-15% disseminated pyrite and no po	Internal contacts at 149 with barren pelite at 320°; basal contact at 149.8 at 285° TCA.	SAMPLE (148.68 - 149.8) 765420
149.8	154.9	Exhalite(?)	149.8 - 154.9 massive variably fish-rose textured felsite set in darker matrix with interst - itial sulphides (approx 10-12% py, po). This may be	banding/bedding of black chert bands at 320°	

N/E		RESOURCES	Hole #	Date	Page # 13-16
From	To	Lithology	Description	Structure	Comments
			a flow sequence similar to the green carbonates at the Kerr Addison mine. Milky white qtz vein 154.23 (015) to 154.39 (030)	high angle veins at 020 with silica + S (po+py) at 151.8, 152.1-152.26, 152.76, 152.85-153.26, 153.76-153.87, 153.90-154.17, 154.6-154.76 (Qtz+py+po) in fuchsite rich rock texture with 5-7 diss po	
			149.8-152 as above		SAMPLE (149.8-152) 765421
			152-153.25 ditto with significant high angle veining by po (py) 153.25-154.9 as previous		SAMPLE (152-153.25) 765422 SAMPLE (153.25-154.9) 765423
154.9	154.05	Qtz	Milky white qtz vein cracked and infilled with carbonates	upper contact at 290, lower contact at 335	SAMPLE (154.9-155.78) 765424
154.05	161.70	VOLCANIC	Massive unit grading downhole to zero fuchsite, resembles basic to ultrabasic pillowed to broken pillow breccias; consist-ently magnetic, some matrix appears to be brown phlogopite 'mudstone (?)'	the variably jigsaw fit fragments can be rimmed with po and set in a very siliceous ± black pelitic matrix 160.53-161.70 contains 5% flecks of po	SAMPLE (155.78-158) 765425 SAMPLE (158-160.53) 765426 SAMPLE (160.53-161.70) 765427
161.70	164.15	SEDIMENT	TUFF; a very banded sequence of leuco and meso to melane bands, crenulated - folds of shallow amplitudes - large troughs; sections of bedding boudinaged or dismembered giving a more fragmental and non descript appearance	at 161.70 fabric is conform-able at 315° TCA, 161.95-163.6 fabric essentially parallel to CA. 164.15 basal contact at 320 TCA	SAMPLE (161.70-164.15) 765428
164.15	165.83	SEDIMENT	Graphitic pelitic with linearized (stretched) framboids of po (former pyrite?), framboids increase in relative size and percentage with depth; example at 164.5 framboids are linearized	Splashes of py and sphalerite common	SAMPLE (164.15-165.0) 765429 SAMPLE (165.0-165.25) 765430

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NVE		RESOURCES	Hole #	Date	Page # 17-16
From	To	Lithology	Description	Structure	Comments
			at 310° TCA (Framboids measure $\frac{3}{10}$ inch X $\frac{1}{10}$ inch) at 165.6 - 165.7 lineation at 290 and Frambo measure up to $\frac{10}{10}$ inch and greater than $\frac{4}{10}$ inch at 165.8 pp Framboid lineated at 280 and measures $\frac{5}{10}$ inch X $\frac{2}{10}$ inch. In other words Framboids appear to exhibit a basal inverse grading phenomena	Internal concentric texturing of po in Framboid, few silica 'beards' ± cpy high angle veins of silica + sphalerite ± py ± cpy Sharp basal contact at 310	SAMPLE (165.25 - 165.83) 765431
165.83	167.05	SEDIMENT	TUFF ASH (?); massive, dense siltstone - ash, green spotting with dissem sulphides (po); high angle veining by (remobilized?) sulphides. example @ 166.54 @ 060 py + qtz; @ 166.80 @ 025 py + qtz, @ 166.88 @ 030 qtz + po + cpy	Sharp basal contact @ 300	Unit is very argillaceous - lineated phlogopite - muscovite SAMPLE (165.83 - 167.05) 765432
167.05	168.02	SEDEX	Interbanded felsite and finer grained mafic with net textured sulphides; sulphides average 15-17% po - sph - cpy - py. Some vein remob with sph ± po at 050, at 167.3 veins of po + cpy and po at 030 and 030 to 0 (uphole), at 167.6 - 167.73 remobilized or fold veins of po + sph (po on sph) @ 015 Sharp basal contact at 290° TCA.	Fabric at 310, far from regular, at 167.2 fabric shows soft open folding @ 315 downhole to 0 and downhole to 310; Fabric @ 167.46 is 315; Fabric @ 167.75 - 167.96 is banded at 12 mm scale at 320 - resembles key tuffite - sulphides are po + dk sphalerite	SAMPLE (167.05 - 168.02) 765433
168.02	170.94	Sediment	Graphitic pelite, ditto 164.15 with more evidence of compositional banding in particular presence and absence of graphite; remobilized sulphide veins at high angle to bedding - example @ 168.19 vein of qtz + 12% cpy + sph at 020 (bedding @ 300), @ 168.6 po veins at 010, @ 168.71 po veins @ 030; po Framboids are elliptical from $\frac{5}{10}$ inch X $\frac{2}{10}$ inch to $\frac{1}{10}$ inch X greater than $\frac{15}{10}$ inch.	From 170.0 - 170.94 graph pelite is cracked with significant silica matrix, banding also evident; significant cpy present as veins and gash in fillings (170.02 to 170.92). Sharp basal contact @ 310	SAMPLE (168.02 - 170.0) 765434 SAMPLE (170.0 - 170.94) 765435

N/E		RESOURCES	Hole #	Date	Page # 15-16
From	To	Lithology	Description	Structure	Comments
170.94	172.24	SEDEX	Interbanded felsite and finer grained mafic with net textured sulphides, sulphides average 10-12% (po > sph > cpy > py); the sulphides-mafics describe a sinuous to discontinuous (disturbed) banding @ 310 @ 171.45	Fabric @ 310° @ 171.45	SAMPLE (170.94 - 171.5) 765436
			171.5 - 172.24 ditto previous with less sulphides (po > sph).		SAMPLE (171.5 - 172.24) 765437
172.24	177.32	VOLCANIC	Suspected to be preservation of primary texture being spherulites (1/20 inch to 1/10 inch) which appear set in either brown biotite or coarser grained biotite + actinolite 'suns'. Spherulites in patches throughout. Intercalated pelitic (with graphite) beds from 174.3 - 174.47 (at 325) and 174.62 - 174.65 (at 300).	Sharp contact @ 172.92 @ 320 with coarse grained bio-actinolite and garnet (Trace po) BIF to 174.51	SAMPLE (172.24 - 172.92) 765438
				174.51 - 177.31 dominantly v.f.g. epidosite with fish roe spherulites	SAMPLE (172.92 - 174.51) 765439
					SAMPLE (174.51 - 177.31) 765440
177.32	178.56	SEDIMENT	Massive darker green barren-garnet (?) amphibolitic silicate iron formation, definite banding - probably not volcanic, note presence of mouse grey felsite from 178.16 - 178.24 (contacts at 280) and 178.31 (at 315) and 178.43 - 178.51 (a felsite embayment?).	Sharp basal contact @ 178.56 (@ 290).	SAMPLE (177.31 - 178.56) 765441
					SAMPLE (178.56 - 179.69) 765442
178.56	180.56	SEDIMENT	This unit is comprised of massive green volcanic? as balls or broken fragments unmatrixed by slivers of mouse grey felsite and reddish-brown phlogopite; phlogopite mixes and grades with green unit (which does not exhibit internal chill textures), basal concentrations of po (3-5%)	Basal contact sharp with carbonaceous pelite at 180.56 (@ 290).	No vis sulphides SAMPLE (179.69 - 180.56) 765443
180.56	181.90	SEDIMENT	Thinly banded / bedded graphitic pelite with po as elongated ellipses - disturbed bands and remobilized veins @ high angles 0/5	Bedding flexure starts at 181.3 (330) to 340 (181.47) to 0 (181.66) to 025 (181.77) to 050 (181.89) & parallel to basal contact.	Nearly pure cpy veins at 330 @ 181.75 SAMPLE (180.56 - 180.96) 765444

NVE		RESOURCES	Hole #	Date	Page #
From	To	Lithology	Description	Structure	Comments
					SAMPLE (180.96 - 181.63)
					765445
					SAMPLE (181.63 - 181.90)
					765446
181.90	182.18	VOLCANIC	MASSIVE ultramafic, darker green aphyric contact facies, cpy plating @ 182.02 (@ 040)		SAMPLE (181.90 - 182.18)
					765447
182.18	191.0	VOLCANIC	182.18 - 191.0 gradational contact into massive steatized ultramafic, disseminated pin point opaques are magnetic - too many to be spinels.		SAMPLE (182.18 - 183.98)
					765448
					SAMPLE (183.98 - 186.9)
					765449
			190.0 - 190.26 banded (280) brown phlogopite - green biotite.	sharp contact @ 190.0 @ 090 and 190.26 (@ 280)	SAMPLE (186.9 - 190.0)
			190.26 - 191.0 steatic UM		765450 (190.0 - 191.0)
			191.0 E.OH.		

Huskas June 12/98

BOREHOLE	PROPERTY	N.T.S. No.	SH.No.	ANOM.No.	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
GP-9704	GOLDEN POLY				164 M	000°	50	N 90+00 N	36+00 W		

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	TOTAL TESTS
59 CM		50°										
89 CM		44½°										
119 CM		45°										
152 CM		50°										

TOP OF WEDGES

LOGGED BY	STARTED	COMPLETED	COMMENTS
FRANK P PUSKAS	121597	121597	CLAIM L104600

DEPTH	SAMPLE No.	MIN	ORE	ROCK	DESCRIPTION	LS	ASSAY	FOR
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2.18663

DRILLED BY FORAGES M LAPRENIERE INC
C.P. 32 NEDELEC PQ JOZ 220



NVE		RESOURCES	Hole # GP-97-4	Date	Page # 2-11
From	To	Lithology	Description	Structure	Comments
0	6.0		Casing		
6.0		Sediments	Ditto borehole GP-97-3; argillaceous siltstones - biotitic 'mudstones' (?), very thinly bedded and bedded with relatively coarser books of biotite exhibiting a lineation essentially parallel to banding / bedding; the highest energy facies appears to be a gritty (grit 2-5mm) ss/wacke. A typical bed is comprised of an argillaceous pelite to siltstone 'top' - not uncommon to exhibit cross-bedding or slump(?) induced soft sediment folding; grades rapidly into a coarser siltstone to sandstone/wacke which may be gritty. Presumably all these sediments belong to the Pontiac platform to turbiditic provenance.	bedding at 325° TCA; soft sediment fold axial planes at 300° TCA @ 7.78 Thin pink adularia + qtz + py vuggy vein at 7.89 @ 060	In argillaceous 'top' bedding can exhibit elements (depo planes) which are at high angle to 'normal' bedding in fact can occur parallel to CA.
			6.0 - dominantly siltstones, more thickly bedded, at 22.44 to 22.60 is a coarser grained biotite-actin felsic facies (not dyke, no chilling, lineation of fennegs (@ 305) essentially parallels contacts; some contact zones (example 28.15 - 28.25) exhibit telescoping of sediment facies is peritidal.	conformable biotite lineation & bedding @ 300° TCA. @ 14.73 contact at 315° TCA between uphole varved argillites/siltstones and downhole ss with bio foliated 90° to contact at 040. Tops downhole; at 20.63 thin graded argill-silt beds (@ 220) may top uphole; minor qtz + py reining at 28.8 - 28.9 @ 040	
			30.8 - 32.28 significant siliceous 'beds' conformable and pygmatically folded - within argill. siltst. First sphalerite as specks ass with pygmatic silica veins with pyrite @ 31.74 to 31.84	33.1 to 33.27 curved fault essentially parallel CA, ss in contact (fault contact) with argillite, py plated.	Py plating along most joint planes essentially paralleling bedding (300°) and 080, 320 (at 27.0) 060 (at 28.3), 295 (@ 30.9), 310 (@ 32.57), 40 (@ 32.74).

NVE		RESOURCES	Hole # GP-97-4	Date	Page # 3-11
From	To	Lithology	Description	Structure	Comments
			32.48-34.88 slts - argill. tes.	bedding regular at 290°	
			34.88-40.44 slts - thin bedded argill. with conformable milky white qtz (minor carbonates) with spots/grains of S (py) Note contacts with sediments generally sharp. Both host and qtz veins cut by dimensionally emplaced vuggy pink adularia - matrix qtz ± facies with chlorite + sulphides (py >> po > sph > pp) S. in splashes up to 7/10 inch and 20% of vein - more prominent at HW side of vein	TCA Adularia veins at 060 (34.88), 030 @ 35.95, 060 and 020 @ 36.53, 035 @ 36.85), 020 @ 37.03, 030 and 020 from 37.7 to 38.24 some veins CA; 035 @ 38.37 and 38.60, 040 @ 38.80)	The dense or large vein (adu) clustering are: 36.26-36.29, 37.35-37.42, 37.70-38.21, 38.97-39.66
			40.50-46.27 ditto previous, adularia - quartz - sulphide (py-po-sph) veinlets/veins/gash fractures throughout at 050 (bedding at 300 with conformable quartz - S po veins)	045 @ 38.97, 040 en echelon from 39.25-39.66), 045 @ 40.44 bedding @ 290 @ 45.30	The densest vein (adularia) clustering are: 40.55-41.02 41.55-42.64, 43.17-43.28, 43. 09-44.26
			46.27-52.90 thinly bedded - varved slts - argillites capping lined bio rich argillaceous ss/wackes	minor veinlets adularia - qtz - S (py po) at 045 @ 49.27, 49.53, 49.87-50	
			52.90-57.75 dominantly varved and/or qtz veined (interfingered) argillites - argill slts, regular bedded	bedding at 295	almost every joint plane is platted by pyrite at 305°, 290°, 020, 310°, 300°, 050 280°, 030, 285°
			57.75-63.30 dominantly varved and/or qtz impregnated (interfingered) argillites - argill slts, regular bedded; qtz impregnations (veins) can exhibit splashes of S (py, po)	bedding at 285-295	Py plating along bedding planes and 020, 060
			63.30-69.02 beds - appear to be normally graded argill ss/wackes capped by varved argill/slts. Bed character as follows: 67.86 - 67.93 ss, 67.93-68.07 argill/slts, 68.07-68.15 ss, 68.15-68.28 argill/slts	bedding at 285	Py plating of conform. joints is typical

NVE		RESOURCES	Hole #	Date	Page #
From	To	Lithology	Description	Structure	Comments
			68.28 - 68.62 bio lineated ss/wacke, 68.62 - 68.76 argill - possibly a later fingered or peltoidal 'inclusion' of argill in basal gtz veined wacke.		
			68.62 - 74.71 ditto, argill tops more gtz impregnated and pygmatic; argill ss/slts and argill contact at 69.50 - 69.54 is flexured so that a 4m displacement occurs [if its deep loading then tops uphole.] Note presence of incipient adularia - quartz - S veinlets.	Py plating along bedding plane joints common bedding @ 290	Presence of coarser textured bio - actinolite ultramafic 72.3 - 72.41 (contacts parallel at 295 [Note Remags are lineated parallel to bedding.
			74.71 - 80.38 ditto above without gtz impregnations; coarser bio-actinolite ultramafic (mudstone precursor) @ 78.93 (@ 325) to 79.03 (rubble), and 79.17 (@ 295) to 79.47 (faulted contact @ 330), 80.02 (@ 330) to 80.11 (@ 330).	bedding essentially regular @ 290 Note banded/var - veiled argill top at 78.2 flakes downhole in a 'V' like configuration with the croach-of-the-'V' occupied by bio lineated wacke. The biolincation @ 300 essentially parallels local bedding @ 300. The lineation is very discordant with 'V' argillite. One arm of 'V' is 12cm. Is this a loading feature? (if so tops downhole)	Py plating at 330°
			80.38 - 86.0 more varved argillites/argill slts with intercalated gtz; gtz vein from 84.86 (@ 305) to 84.94 (@ 050 and pygmatic).	fabric at 290; definite argill gritty ss 84.5 to 84.6 and appears to exhibit mica trains (beds) that are X bedded.	Py plating consistent on every broken joint face at 320, 090, 045, 040, 300,
			86.0 - 91.6 dominantly varved argill/pelite	average bedding 315 to 4	

NVE		RESOURCES	Hole #	Date	Page #
From	To	Lithology	Description	Structure	Comments
			siltstone / lg ss and argill. varved pelites exhibit sharp contacts: basal ss contact 89.38 (@ 300°) py plating @ 330 (@ 89.46) & @ 300 (@ 89.51); varved argill from 89.51 to 89.58 (@ 310); basal lg ss/silt 89.58 - 89.72 (@ 305) and 89.72 - 89.86 varved argillites	X-bedding 87.2 to 87.5; fault - actually distension controlled veins of first pk adularia - qtz - Sulphide followed by qtz + Sulphides at 91.02 (@ 020) and 91.13 (015) to 91.34. Wedge of host rock 91.02 to 91.03 app -ears exotic and therefore 'introduced'.	S-11 Py plating consistent on joint planes on 1/2 inch interval. py plating at angle to bedding at: 285 (86.1), 055 (86.26) 040 (@ 86.40), 280 (@ 87.0). Py plating is not sporadic but almost over the entire joint planes.
			916 - 97.28 regularly banded / bedded ss and silt - varved argillites, sediments appear to be decapitated or grade quickly one to the other; some wedges of argill in basal ss due to interfingering; sections of argill appear darker grey possibly due to carbon presence.	bedding average is 290°; discontinuity at 95.12 where ss - argill contact is 300 but bio lineation in ss is 055.	Py plating extensive beginning 91.60 (030 plus adularia veinlet at 020), 92.53 to 92.66 (325 and 300 and 030), 95.72 and 95.94 to 96 (300) 95.94 to 97.19 very light grey in colour - bleaching (?) with host being muscovitic with 2-5 % diss py and py veining / jags at 96. to 96.15 (300, 320, 330, 340, 060; and 96.28 - 96.60 (300, 305) and 96.84 + 97.10 (295, 305, 300, 340,
			97.28 - 98.40 ditto 95.94 to 97.19 - muscovitic and with 7-9% diss Sulph (po > py) and py veining at 305, po > py up to 97.97 (@ 300) and non-mt (ie pyritic) to 98.40, 98.40 to 99.95 progressively dk grey to black down hole; pyritic only to 99.55 (7% py to 12% py @ 99.19 to 99.29); 99.55 to 99.95 py with minor to 3% go with depth.	Sulphide are roddeed with a lineation at 300; Sharp contact @ 99.95 @ 295	

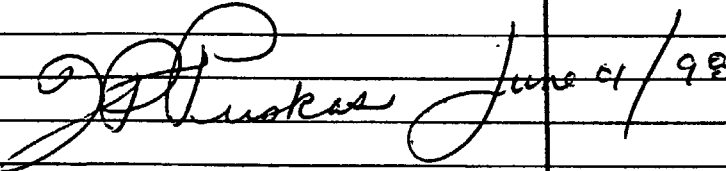
NVE		RESOURCES	Hole #	Date	Page # 6 - 11
From	To	Lithology	Description	Structure	Comments
			99.95 to 100 a lighter grey magnetic (ductile dissemin. po) transitional phase.	(A suggested gradational (sharp) contact at 100 (@ 300) is essentially parallel to preceding graphitic pelite - transitional phase contact.	
100.0	101.71	SEDEX	This is the same unit as identified in borehole GP-97.03 beginning 140.03; very mixed and mottled to fragmental appearing with mouse grey carbonate spotted crypto crystalline feldite/tuff as bands or discontinuous intercalations with bands of coarse biotite + actinolite + Sulphides Sulphides can occur as massive, more rectangular 'fragments' - some po 'Frag' have 'beards' of dark red sphalerite; 'Frag' of coarse sphalerite at 102.57 to 102.63 (@ 290°; frags measure 1/10 inch x 2/10 inch)		Sulphide remobilization appears to have occurred, with high angle veins of pure or near pure sulphides (cpy trace po or po minor cpy - sphalerite) examples: vein cpy @ 100.01 (@ 050) SAMPLE (99.97 - 100.57) 765502 SAMPLE (100.57 - 100.83) 765503 SAMPLE (100.83 - 101.87) 765504 S
101.81	102.34	Quartz	massive milky white quartz vein; irregular contact at 101.81 (at 035°), irregular trellising vein of massive po + cpy at 101.74 (@ 015°); diss grains of po and po >> sph; at 102.34 faulted contact with Qtz + CO ₂ + py seams at 030.		contact 102.34 to 102.44 may be unaltered and altered (ie the down hole SEDEX that is); SAMPLE (101.81 - 102.34) 765505
102.34	102.83	SEDEX	ditto previous interval beginning 100.0,	sharp basal(?) contact @ 102.83 (@ 305°)	SAMPLE (102.34 - 102.83) 765506
102.83	102.91	SEDEX	light apple green 'mudstone' (?) with 5-7 dissemin. pin point po lined at 300; cross cutting py veinlet at 030	basal contact @ 315° TCA	SAMPLE (102.83 - 103.87) 765507
102.91		SEDEX	ditto 100.0; lined and net textured sulphide and pure 'fragments' of po + sph. 15% sulph.	lineations at 300	

NVE		RESOURCES	Hole # G.P-97-04	Date	Page # 7-11
From	To	Lithology	Description	Structure	Comments
			103.87 to 104.02 more banded/bedded succession of phases approximately 15 mm wide. (@ 310),		
			generally exhalite/sedex is more comprised of crypto-crystalline massive grey carb spotted felsite/tuff; sulphides average 10-15%;	lineation of massive sulphide 'fragments' and discontinuous seams is on average equal	'mudstone' with significant disseminations can contain 'slivers or septa' of SEDEX suggesting emplacement during distension. No apparent alteration of SEDEX along contacts.
			SEDEX variably cut by light buff apple green so-called 'mudstone' (see 102.83) beginning 104.69 (@ 310) and extends to 104.84 (@ 010);	to 290. Remobilization of sulphides in the form of massive sulphides (po >> py)	
			'mudstone' at 105.33 (@ 345) to 105.72 (@ 030) and appears to be an arcuate member at least 25 mm wide, mudstone at 105.97 (@ 030)	X-cutting (@ 030) fabric	
			to 106.35 (@ 010) appears to be two bands up to 30 mm wide and separated by a septum of SEDEX 2/16 to 6/16 inch wide; 'mudstone' with textural coarsening 106.5- (@ 355 to 106.85 and then changing to 030 @ 106.91 and with a sharp contact @ 107.13 (@ 300)		'mudstone' is magnetic
			107.13 to 107.60 SEDEX sharp downhole contact at 107.60 (@ 295)		
			107.60 to 109.32 brown husky biotite/phlogopite 'mudstone' cut by veins of high concentrations of po-py; at contact @ 109.32 brown bio is again huskier than main body of unit; contact @ 030.		'mudstone' is magnetic Quartz vein with splashes and globs of py in pc @ 112.76 to 112.90 (@ 310).
			109.32-116.76 very massive sucrosic phase of SEDEX/EXHALITE, cut by veins of high sulphide (po >> py >> sph) and with trains and splashes of pure sulphide; can exhibit irregular wedges of milky white quartz as intercalations and distension in fillings beginning 111.04 to 111.58 and 115.01 (300°) to 115.51 (290°)	average sulphide 10-15% can exhibit ribbon like bedded variably graphitic polites as interbeds @ 112.49 to 112.57 (@ 310); 113.54 (310 and 275)	Py and/or Po platy throughout (030° at 115.86; 020° @ 115.01; 090° @ 115.23; 020° @ 115.51 out cuts qtz intercalation; 040° @ 115.53; 330° & 290° @ 115.76; 030° @ 116, 020° @ 116.1; 340° @ 116.6

NVE		RESOURCES	Hole #	Date	Page # 8-11
From	To	Lithology	Description	Structure	Comments
			116-76 - 121 same light epidote green sucrosic phase of SEDEX, massive with no apparent bedding, darker Confederate grey cherts occur as fragments (117, 119-119.25) and bed (117.97-118.1 @ 60°; 119.83-120.05 and 120.08 @ 65° to 120.11)	2.18663 9981	Py veining prominent @ 15° @ 118.24, 25° @ 118.75, 30° @ 119.1. All lithologies magnetic. Note: the greenish units appear to be volcanic / broken pillow? breccias in sections - because of massive appearance; must be sulphidized.
			121-124.46 same sucrosic phase but darker green and obvious fragments set in white carbonate matrix which also appear to act as veining material; out-of-context this would be identified as carbonate matrix & veined basic lava.		Some carbonate-volcanic contacts ore as follows: 315 @ 122.20, py platiny at 025, 305 @ 122.72, 300 @ 122.94 and 124.46
			124.46 - 126.99 ditto fragmented volcanic but matrixed by white chert and/or coarser dark (actinolite)-biotite. All lithologies magnetic except carbonate matrix/veins.		Not uncommonly the sucrosic phase of volcanic is rimmed by coarser grained bio-act partit evident 126.0 to 126.89. Then matrix is adjacent. Volcanic frags elongated @ 320° TCA. Sharp contact at 126.99 @ 310°
126.99	127.7	Sediment	Thinly banded / bedded black chert - mudstones (in the form of coarser textured actinolite ± biotite)	Banding / bedding changes downhole from 320° to 345°	Py platiny at 330.
127.7	128.2	SEDEX	Questionable, ditto 116-76,		Py platiny at 345 and 300, 525
128.2	129.80	Sediment	Ditto 126.99, very thinly banded / bedded black cherts and bio-act mudstones	Bedding kink banded @ 128.25 @ 325° and then ripples to 0° then to 020 and then sequence repeats	Extensive py as bands / beds and remobilized veins
129.80	130.66	SEDEX	Ditto 127.7	Sharp contact @ 325°	

N°VE		RESOURCES	Hole #	Date	Page # 9-11
From	To	Lithology	Description	Structure	Comments
130.66	130.68	SEDEX	Ditto 100.0. This facies exhibits pronounced banding between cryptocrystalline ash (?) and massive sulphide w/wout actinolite/biotite. The massive sulphides (dominantly po but also sphalerite) exhibit pinch and swell to boudin-like configurations; sulphides have sharp contacts with ash but more commonly exhibit a net-textured contact. Average sulphide content 15-20%.	Ash-sulphides banded on 12 to 25mm scale. No consistent contact variation or grading in sulphide bands to indent - by 'tops'.	Banding on small and larger scale, larger scale involves high sulphide and low sulphide (example 130.25 @ 330° to 130.37 @ 310°; and 130.64 @ 330° to 130.93 @ 330°). Distension - replaced mass sulphides (po > cpy) @ 131.23 @ 340
130.68	130.72	SEDEX	Ditto 102.83 pa.	Parallel conformable contacts at 295°	
130.72	132.82	SEDEX	Ditto 100.0 Sulphides, predominantly po > sph > cpy, occur as massive globs (former nodules?) and bands or beds; prominent cpy as veins, associated splashes at 130.85 (as vein @ 345°)	banding / bedding @ 131.5 @ 300	Less mineralized band from 130.9 (@ 305°) to 132.82
132.82	133.16	Chert	Massive to thinly banded / bedded black chert, flame like contact suggests tops uphole (@ 133.06)	bedding at 300°, basal contact at 133.16 @ 300°	Weakly mineralized, with disseminated po
133.16		SEDEX	Ditto 100.0; texturally very informative; From 133.16 to 133.3 barren to thin sulphide seams @ 133.26 @ 300; at 133.3 a 3/10 inch light apple green mudstone - conformable @ 310°; 133.3 - 134.17 ash - cryptocrystalline with sulphide (dominantly po but can be composite po ± sph ± cpy) ragged or net textured margined nodules 3/10 inch x 1/16" @ 133.46 to 2/16 x 2/16 inch @ 133.70 to 9/16 x 3/16 inch @ 134.16.		
			From 134.17 to 136.9 significantly mineralized (upto 45%) section - banded / bedded	Open folds with fold axis @ 134.55 (@ 285°), 135.5 (@ 280°), 135.86 (@ 290°)	133.3-134.17 host contains in matrix significant sphalerite 8-12 %, splashes cpy w/wout po @ 133.46 - 133.51, 134.94 as vein (@ 345°) & with po glob; Splashes of cpy @ 134.7 (with sphal), 134.85 - 134.83, 134.86, 134.97, 135.06 - 135.11, vein

NVE		RESOURCES	Hole #	Date	Page # 10-11
From	To	Lithology	Description	Structure	Comments
			136.9 - 137.09 wispy sulphide seams/beds in varved like facies of SEDEX; banding @ 300°	135.96 (@ 305°), 136.85 (@ 280°). Note folds @ 134.19 (@ 280°) and 134.24 (@ 270).	@ 135.62 (@ 290°), 136, 136.4, 136.38,
			137.09 - 137.66 ditto 136.9 but also containing po globs (former nodules?) upto 7/10 inch X greater than 1/10 inch @ 137.2	Soft sediment folding @ 137.37 (Fold axis at 270°) 137.6 (@ 290) Approx contact at 137.66 @ 300.	Splashes of cpy @ 137.26, 137.51, 137.63
137.66	137.9	Chert	Black dense and hard chert, banded with boudinaged beds of po and/or po framboids	Banding/bedding @ 325° Sharp contact @ 137.88 @ 295°	
137.9	142.3	SEDEX	A variant to 100.0, from 137.9 to 138 thinly banded with S (po ± sph) seams; 138 - 138.04 Fuchsite rich band. conformable 138.04 - 138.55 variably folded banded unit with sulph (po-sph) bands alternating with thinner Fe mag rich 'mudstones'; at 138.3 massive incls bearing po with splashes of cpy (5%) 138.55 - 139.32 light apple green sedex with high con of clissem po, basal contact @ 305°. 139.32 - 140.77 very coarse biotite-actinolite ultramafic 'mudstone'	Soft sediment fold @ 138.14 (fold axis @ 280°)	
			140.77 - 140.89 ditto previous but more biotitic (phlogopite?) 140.89 - 141.34 ditto 139.32 141.34 - 141.23 ditto 140.77		Slightly magnetic; 1/2 inch bed of banded black chert @ 139.76 @ 310.

N VE		RESOURCES	Hole #	Date	Page # 11-11
From	To	Lithology	Description	Structure	Comments
			141.73 - 141.93 ditto 139.32 but finer grained		
			141.93 - 142.1 ditto 100.0, SEDEX. has finely laminated/banded facies from 141.93 to 142.1,	banding at 290°	
			142.1 to 142.3 is typical grey cryptocryst. ash and sulphide bands and nodules (@ 142.27 1 3/10 inch x 2/10 inch).	banding at 305°, basal contact @ 290°.	
142.3		Volcanic	142.3 - 142.33 Fg. biotite mudstone, magnetic Massive steatized ultramafic, magnetic with up to 3mm discontinuous schlieren of lineated opaques (ps), non-magnetic from 146 - 149,	lineation of opaques schlieren @ 300 @ 145.4. Biotite rich contacts between in interbed/interflow at 144.6 (@ 310) and 144.7 (@ 310).	SAMPLE (148.6 - 148.88) SSI
			148.6 - 148.88 talcose interbed.		
			148.88 - 150.82 non-magnet steatized UM	150.82 contact @ 310°	
			150.82 - 151.06 biotite margined bio-chl -act? ultramafic interflow(?) biotite margins are 2 inches and 3 inches (down hole) thick	151.06 contact @ 305°	
			151.06 - 153.82 non-magnetic steatized UM		
			153.82 - 161 magnetic steatized UM		
			161 - 164 ditto, magnetism patchy		
			164 EOH.		
					

BOREHOLE	PROPERTY	N.T.S. No.	SH.No./ANOM.No.	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
GP-9705	GOLDEN POLY			209 M	000°	50	N 89+00 N	37+00 W		

INCLINATION AND TROPARI TESTS												
DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	TOTAL TESTS
59		45°	182		48°							
89		41 1/2°										
122		39°										
152		36 1/2°										

2.18663

TOP OF WEDGES

LOGGED BY	STARTED	COMPLETED	COMMENTS
FRANK P. PUSKAS	2/6/97	12/6/97	CLAIM L104660

2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80																											
DEPTH	SAMPLE No.	MIN	ORE	ROCK	DESCRIPTION																	LS	ASSAY	FOR			
					DRILLED BY FORAGES M. LAFRENIERE INC																						
					CP 32 MEDELEC PQ JOZ 220																						



N VE		D RESOURCES	Hole # GP-97-05	Date	Page # 2-9
From	To	Lithology	Description	Structure	Comments
0	6.20		CASING		
6.20	173.42	Sediments	Ditto borehole GP-97-3; argillaceous silt-stones - minor biotite-actinolite 'mudstones', gritty sandstones/wackes with rare large boulders (25-35 mm), coarse beds of biotite exhibit a lineation essentially parallel to banding/bedding - these lineated grains are rodlike. More common to this intersection is the presence of more bedding variation, very rapid but open folding (probably due to slumping); with this increase in folding bed facing shows more variation. Presumably all these sediments belong to the Pontiac platform to turbiditic provenance.		
			6.20-12.0 more mafic rich phases with argillaceous (lineated bio) slts; at 8.57 cont. act with bio slts and argill wacke. @ 290 wacke progressively fines to 9.58-9.88	banding/bedding @ 290°	Tops down hole; @ 10.13 argil ss with pebbles up to 27 mm
			12.0 - more varved and banded fg ss/slts pyritic qtz peg. dyke 22.16 - 22.51 @ 25°	bedding @ 300° bedding @ 300° @ 18.45 slumps, soft sediment @ 18.50, fold axis (FA) @ 290°	
			23 - 27.50 more mafic-rich bio + actin (?) 'mudstones'	regular bedding/banding @ 26.60 @ 300°	
			29 - predom ribboned bio rich ss/slts and varved slts	open soft sediment folds of 1/2 inch amplitudes @ 31.50 (FA @ 0.50 bddg @ 290; 32.0 to 32.3 (FA @	

NVE		O RESOURCES		Hole #	Date	Page #
From	To	Lithology	Description	Structure	Comments	3-9
					315 † bddg 300 ; @ 34.05 FA @ 315°	disconform - faulted @ 33.65 @ 315° bddg uphole @ 295°, bddg downhole @ 310°
			34.05 to 34.72 bddg rippled essentially parallel to EA. FA of ripples @ 300°;	bddg @ 34.72 @ 300° and rippled sequence basal bddg @ 300°	Note: first distension emplace- d veinlet of pk adularia + qtz ± sulphides @ 33.36 @ 040°	
			34.84 - 34.92 at least 4 to 6 fold axes EA @ 070 and bddg at 0° to 33° (@ 35.0m)			
			34.92 dominantly br bio rich slts - varved to stumped 'tops', quartz intercalated or ptysmatic sections	thin adularia - qtz ± sulph vein @ 35.20 at 020°, similar veins @ 35.9 to 35.93 @ 050 and occupy a dip fault bddg @ 35.97 @ 290 adularia veins at 37.30 - 37.40, 38.20 - 39.74 (@ 060) with globs of po		
			bddg @ 39.91 @ 300° beautiful slump fold @ 41, FA @ 315° with beddg @ 325, adularia - qtz veins vuggy disten. breccias from 46.50 - 47 @ 065 and 47 to 47.70 @ 050 with bddg @ 310°; 55.07 (050°) to 55.6, ^{55.80} 56.24 (veins with po - py - sph @ 050) to 57.20 (composite veins @ 030 fault occupied, and bddg @ 310°), 58.25 (vns at 030) to 59.90 @ 050 (bddg 315°)	Graded tops appear downhole		
			63.38 - 69.15 lt congl gmy slts, cut throughout with thin variably clustered pk adularia - qtz - S. (po - py - sph first identified @ 66.50); veins trend 030, 030, 040, 010, 050, and from 69.14 veins @ 280, py plating @ 310; @ 69.90 bedding folded	Bedding @ 63.88 @ 290 but changes to 070 @ 64.44		

NVE		RESOURCES	Hole #	Date	Page #
From	To	Lithology	Description	Structure	Comments
			main dip 030 and FA @ 310.	bddg @ 71.06 rolls down hole from 340° to 320°	
				bddg @ 71.25 @ 290	
			slump folded and X bedded argill slts have flame like protruberances into overlying (down hole) ss. bddg average at 290°.		
			distension veins of pk oolitic ± white qtz ± sulph @ 72.9 @ 330, 280 and 330 and 030 @ 73.70. (X-bedded top, bddg @ 310	bddg @ 285° (@ 73.17)	
			80.5 - 86.57 ss w/out bio bands (bddg) and variably slumped and X bedded argill slts tops (83.68 - 83.73 bddg @ 295, FA @ 295; slump & X bedded with folding FA @ 285° @ 84.25, slump & X bedded with folding FA @ 310° @ 84.34	bddg @ 300 @ 84.0	
				sharp contact @ 84.56 between argill slts and ss (down hole) @ 330° over, ss exhibits crescent base with stt symmetrical 'flames' suggesting tops down hole. Note the first bio bddg @ 330° touches tops of flames. overlying bio bddg @ 310°	
			bddg @ 87.70 @ 330°		
			bddg roll from approx 92.50 to 93.6; at 92.50 (040°) at 93.06 (070) and at 93.6 (310). Xcellent infold of bio wacke/ss in slts. at 96.27 (060°) to 96.33 (320°) with FA @ 96.28 (@ 310°)		
			lateral fade out of X bedding section from 109.2 @ 300° to 109.30 @ 070.		

NVE		RESOURCES	Hole #	Date	Page #
From	To	Lithology	Description	Structure	Comments
			mafic (bio rich mudstone) from 113.33 (@ 300°) to 113.53 (@ 300°) Note internal bio lineation // contacts with banded slts		
			127 - thin beds comprised of argill ss and varved silty argillites, regular bddg @ 305° @ 128.8; bddg @ 140 @ 290°		
			143.75 - 144.6 slts cut by distension veins of vuggy pink adularia + qtz + Sulphides (po-py) Sulphide concentrations up to 30%, trend @ 040, 050, 025, 020, 035)	bddg @ 300°	
			144.6 - 150.35 significantly more veins as per 143.75 vns @ 030, 040, 050, 030, at 150 these veins contain py + cpy.	bddg @ 280°	
			157.50 - 158.36 py plating @ 340, 330, 340°, 080.	bddg @ 160.55 @ 060 suggest bddg reversal.	
			160.0 - 160.6 dk chl fault zone with g'obby po, py @ 350°		
			165.5 to 167.05 veinlets of pk adularia + qtz + sulphide, vns at 035 - 040.	bddg at 167 @ 285°, note: fold @ 163.80 with fold axis @ 090°	
			168 - 173 except where veined by adularia + qtz + sulph this succession is greyer (Confed. grey); Adularia - qtz - S veins from 168.9 (040°, 090, 030, 060, 020) to 168.85; 170.3 (040, 330, 070 at 171.06 with cpy,) to 171.14.	bddg @ 168.44 (280°), 169.5 (290°), 172.15 (280°)	Bio-actin(?) mudstone from 168.94 (@ 290) to 167.05 (300°)
			From approx 171 to 173.14 muscovitic bearing slts has up to 7-9% diss py, po to 8-12%.	Py plating 170.5 (280°), 170.58 (075°), 170.95 (280°), 171.14 (075°), 171.6 (040°), 171.79 (290°), 171.96 (055°)	Additional py plating @ 172.15 (330°), 172.57 (280°), 172.71 (290°), 172.73 (280°), 172.94 (280°), 172.95 (280°), 173.14 (035°)

NIVE		RESOURCES	Hole #	Date	Page # 6-9
From	To	Lithology	Description	Structure	Comments
173.36	173.43	Quartz	Milky white, basal contact sharp @ 080		SAMPLE (173.36-173.43) 559
173.43	173.69	SEDIMENT	Dark grey presumably carbonaceous, regularly banded gritty argillite black chert	Sharp basal contact @ 090°	SAMPLE (173.43-173.69) 560
173.69	174.4	Sediment	Very black graphitic pelite, 173.69 to 173.79 is an angular jig saw/distension auto breccia matrixed by white carb. - bedding still preserved;	Nodular po $\frac{3}{10}$ inch variably distended & haloed by carbonate, bedding @ 275°	SAMPLE (173.69-174.4) 561
174.4	174.66	Sediment	ditto previous carbonaceous slts/argillite with beds (seams of sulphide, predom po \pm cpy \pm sph) and nodules of po $\frac{3}{10}$ inch		SAMPLE (174.4-174.66) 562
174.66	175.58	Sediment	ditto previous, po nodules ($\frac{1}{10}$ inch x $\frac{5}{10}$ inch to $\frac{1}{10}$ inch)		Complete core from 174.66 to 175.25; rubble to 175.58 SAMPLE (174.66-175.58) 563
175.58	175.63	Quartz	Two inch milky white vein/bed; parallel contacts @ 280°		SAMPLE (175.58-175.63) 564
175.63	176.2	Sediment	ditto previous, very dk carbonaceous to 175.9 lighter cont'd grey to 176.2; latter is varved and thinly banded with distended/boudin beds of po, one po nodule $\frac{1.5}{10}$ inch.	bddg/ bedding regular at 090°	SAMPLE (175.63-176.2) 565
176.2	177.0	Sediment	Zebra appearing dark & light grey very hard cherts. basal contact sharp at 280°	Regular bedding/ banding @ 280°	SAMPLE (176.2-177.0) 566
177.0	177.5	Sediment	light apple green very hard, massive slts; or distension veins of pt adularia - gtz + carb + sulphides @ 005° and 025° and 080°, diss po in most very abundant, py platag @ 040. appears to have Zebra lt-dk cherts as alternating bands - almost like a large scale breccia		(177.0-177.52) SAMPLE 567
			Other contacts 080° @ 180.88, 070° @ 181.03, 090° @ 181.29, 090° @ 181.58, 300° @ 181.78, 035° @ 183.83, 040° @ 183.93, All lithologies exclusive of cherts are magnetic	At 181.83 Sharp cont bet w/ Zebra cherts on coarse tex mafic/um @ 080 and Zebra banding @ 080	SAMPLE (179.0-180.42) 568 SAMPLE (180.42-181.83) 569 SAMPLE (181.83-182) 570 SAMPLE (182-183.83) 571 SAMPLE (183.83-183.93) 572

NL VE		RESOURCES	Hole #	Date	Page # 7-9
From	To	Lithology	Description	Structure	Comments
		Sediment	ditto 177.0 an intercalation between lt apple green slts and Zebra black cherts	green slts - chert contact @ 295° @ 185.4, bddy @ 300°;	SAMPLE (183.93-185.4) 573
			Pronounced S(po-py-sph-cpy) veining @ 185.56 @ 300°, Qtz-py-sph vein @ 186.2-186.35 @ 010 @ 355° @ 188.24,	green slts - chert contact @ 300° @ 186.36	SAMPLE (185.4-186.36) 574
			186.36 - 186.9 predom Zebra cherts but with section appearing as fragments in coarser tex. lt apple green slts		SAMPLE (186.36-186.9) 575
			186.9 - 187.55 jet black highly carbonaceous cherty pelites with po nodules and beds	bedding @ 320°, basal cont - act at 310°	SAMPLE (186.9-187.55) 576
			187.55 - 188.67 light grey slts and interbeds of lt apple green slts, 3-7% diss po		SAMPLE (187.55-188.67) 577
			188.67 - 190 same two lithologies sometimes appearing fragmental with aerodynamic bipolar apple green slts in cherts.	Fabric expressed by bipolar fragments @ 320° to 340°.	SAMPLE (188.67-190) 578
			190-191.27 Zebra mixture of lt apple green slts and grey cherts; with 10% diss py	fabric @ 310° @ 190.17 basal contact @ 315°	SAMPLE (190-191.27) 579
			191.27 - 193.35 very dk carbonaceous pelitic chert with po nodules and bands to 15%; note one cpy nodule 1/10 inch @ 141.42	From 192.93 to 193.15 a lighter less carb facies Is this the top of the underlying bed (?) Note 1 1/2 inch qtz vein @ 193.01 to 193.05 @ 290°	SAMPLE (191.27-193.35) 580
			193.35 - 194.87 interband carb pelitic cherts and lt-dark Zebra facies -	Regular banding @ 315° changes after 194 m mark to 330° and is folded @ 194.38 with fold nose, FA @ 315°	SAMPLE (A3.35-A4.27) 581
			194.87 to 196.0 lt apple green slts with up to 10% diss po and veins and platfing of py	6mm qtz-py margined vein w diss po parallel to C.A. and 345°, 300°, 320°	

NVE		RESOURCES	Hole #	Date	Page # 9-9
From	To	Lithology	Description	Structure	Comments
			196.0 - 196.77 ditto previous slts but intercalated with Zebra lt and dark, variably carbonaceous black cherts; lt apple green slts - black banded chert contact (a fold limb) @ 196.77 @ 290°; black cherts more magnetic due to dissem po.	High angle sulphide veining - dominantly py @ 350° Contacts are convincingly a product of folding.	Phase intercalation probably a product of folding essentially parallel to CA. SAMPLE (196.77) 582
			196.77 - 199.7 ditto previous but predom black cherts, black chert - more biotite 'mudstone' (downhole) contact @ 199.7 @ 090 and dipping downhole @ 050°	Py veining & platy signifi- cant from 197.4 (@ 030) to 198.7 (@ 035)	SAMPLE (196.77-199.7) 583
			199.7 - 201.2 bi lithologic black magnetic cherts and now biotite dominant 'mudstones' exhibit very irregular to embayment type contacts probably due to (near parallel to C.A) folding; section from 200.3 to 201.2 is the light apple green slts		SAMPLE (199.7-201.2) 584
			201.2 - 201.56 two 4 inch wide beds of brown bio dominant 'mudstones' with inter veining po rich dense slts	Contacts @ 280° and vertic- al clipping. Basal contact @ 201.56 @ 315° and dips 70° downhole.	SAMPLE (201.2-201.56) 585
			201.56 massive grey apple green slts with dissem po to 201.8 sharp contact with brown bio- tite dominant mudstone @ 320°		
			201.8 - bi lithologic bio dominant 'mud- stones' and steatized um; bio may be alteration bands and seams because sections exhibit a more reticulate pattern with accompanying po; brown biotite sections as follows: 201.8 - 201.87 / @ 310°; 203.25 (330° vertical dip) to 203.9 (310°, 30° dip down- hole); 204.27 (090) to 205.56 (300° - vertical	steatized um exhibit dissem po and rectangular opaques averaging 8% to 4% with depth	SAMPLE (201.56-203.25) 586
					SAMPLE (203.25-203.9) 587

NVE		RESOURCES	Hole #	Date	Page #
From	To	Lithology	Description	Structure	Comments
			dip); 205.56 - 207.4 massive, biotite laminated lithology probably related to UM, softer than apple green slts, non-mag netic sections whereas reticulate po veined sections (206.6 - 207.4) are magnetic; contact with biotite dominant 'mudstone @ 207.4 @ 300° (vertical dip)	cut by high angle (11 CA) qtz + po + py veins (206- 206.19, 206.35 - 206.44 basal contact at 315, 206.8 - 206.98,	SAMPLE (2039 - 2074) 588
			207.4 - 208.32 brown bio to 207.61 (@ 290 vertical dip), 207.61 to 207.96 a brown bio + po veined facies of UM, 207.96 to 208.17 brown biotite 'mudstone; 208 .17 to 208.32 talc rich UM black mtc specks,		SAMPLE (2074 - 20832) 589
			208.32 to 209 talcose/steatized UM with dissem rectangular opaques to 4% 209 FOH		SAMPLE (20832 - 209) 590
<p><i>J. Huskas May 20/98</i></p>					

31M13SE2002 2.18663

PENSE

050



18663

Pontiac sediments
(turbidites)

0.15% Cu, 2.04% Zn, 1.18g/t Ag, <5ppb Au }
 over 2.53 m

0.07% Cu, 1.43% Zn, 0.5g/t Ag, <5ppb Au }
 over 0.11m

0.155% Cu, 1.38% Zn, 1.3g/t Ag, <5ppb Au }
 over 2.53 m

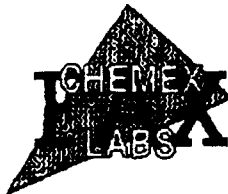
Ultramafic komatites

EGH (207m)

MOVAVEST RESOURCES INC.
 GOLDEN POLY PROJECT
 PENSE TWP
 L 37+00 W (Looking west)
 DDH GP-97-05 (-45°); Azimuth 0°00°

25m

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 11:30
 NOV 18 1998
 GEOSCIENCE ASSESSMENT
 OFFICE



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

To: NOVAVEST RESOURCES INC.

820 - 470 GRANVILLE ST.
 VANCOUVER, BC
 V6C 1V5

Page Number 1
 Total Pages
 Certificate Date: MAR 08
 Invoice No. H613621
 P.O. Number
 Account

Project:
 Comments: ATTN: FRANK PUSKAS CC: PETER FISHER

GP-97-05

CERTIFICATE OF ANALYSIS A9813621

SAMPLE DESCRIPTION	PREP CODE	Au ppb PA+AA	Cu ppm	Zn ppm	Ag ppm Aqua R	Pi ppm						
M765558 173-15-173.32	205 226	< 5	305	84	< 0.2	-----						
M765559 -173.41	205 226	< 5	26	36	< 0.2	-----						
M765560 -173.67	205 226	< 5	242	36	< 0.2	-----						
M765561 -174.42	205 226	< 5	1900	>10000	1.32 0.6	-----						
M765562 -174.67	205 226	< 5	6000	>10000	1.59 3.2	-----						
M765563 -175.59	205 226	< 5	800	>10000	2.55 1.3	-----						
M765564 -175.64	205 226	< 5	276	2300	< 0.2	-----						
M765565 -176.26	205 226	< 5	1350	>10000	1.43 1.0	-----						
M765566 -177.01	205 226	< 5	244	1120	< 0.2	-----						
M765567 177-01-177.52	205 226	< 5	195	1400	< 0.2	1450						
M765568 179-180.44	205 226	< 5	144	94	< 0.2	1400						
M765569 -181.67	205 226	< 5	152	54	< 0.2	1320						
M765570 -182	205 226	< 5	110	75	< 0.2	1260						
M765571 -183.82	205 226	< 5	132	62	< 0.2	1200						
M765572 183.95	205 226	< 5	190	362	< 0.2	1140						
M765573 -185.50	205 226	< 5	112	47	< 0.2	1100						
M765574 -186.46	205 226	< 5	215	540	< 0.2	1300						
M765575 -187	205 226	< 5	1950	1400	0.7	1250						
M765576 -187.4	205 226	< 5	700	>10000	1.43 0.5	-----						
M765577 188.67	205 226	< 5	288	91	< 0.2	1350						
M765578 190.63	205 226	5	118	75	< 0.2	1400						
M765579 191.31	205 226	5	390	122	0.2	1180						
M765580 193.37	205 226	5	1550	>10000	1.38 1.3	-----						
M765581 194.85	205 226	5	145	110	0.3	-----						
M765582 196.70	205 226	5	125	69	0.5	1300						
M765583	205 226	5	350	270	0.2	1200						
M765584	205 226	< 5	124	73	0.2	1100						
M765585	205 226	< 5	186	68	< 0.2	1100						
M765586	205 226	< 5	119	42	< 0.2	800						
M765587	205 226	< 5	29	63	< 0.2	370						
M765589	205 226	< 5	112	37	< 0.2	1000						
M765580	205 226	< 5	108	142	< 0.2	1700						
M76559	205 226	< 5	47	34	< 0.2	800						

CERTIFICATION:



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Analytical Chemistry * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver V7J 2G1
British Columbia, Canada
PHONE: 604-984-0221 FAX: 604-984-0218

To: NOVAVEST RESOURCES INC.

320 - 470 GRANVILLE ST
VANCOUVER, BC
V8C 1V5

GP 97-05

Page Number 1
Total Pages 1
Certificate Date: 14-MAR-98
Invoice No: A9814354
P.O. Number
Account

Project
Comments: ATTN FRANK PUSKAS CC. PETER FISHER

CERTIFICATE OF ANALYSIS

A9814354

OVER LIMITS from A9813821

SAMPLE DESCRIPTION	PREP CODE	Zn %																		
M765561	244 --	1.22																		
M765562	244 --	1.59																		
M765563	244 --	2.55																		
M765565	244 --	1.43																		
M765576	244 --	1.43																		
M765580	244 --	1.38																		

CERTIFICATION



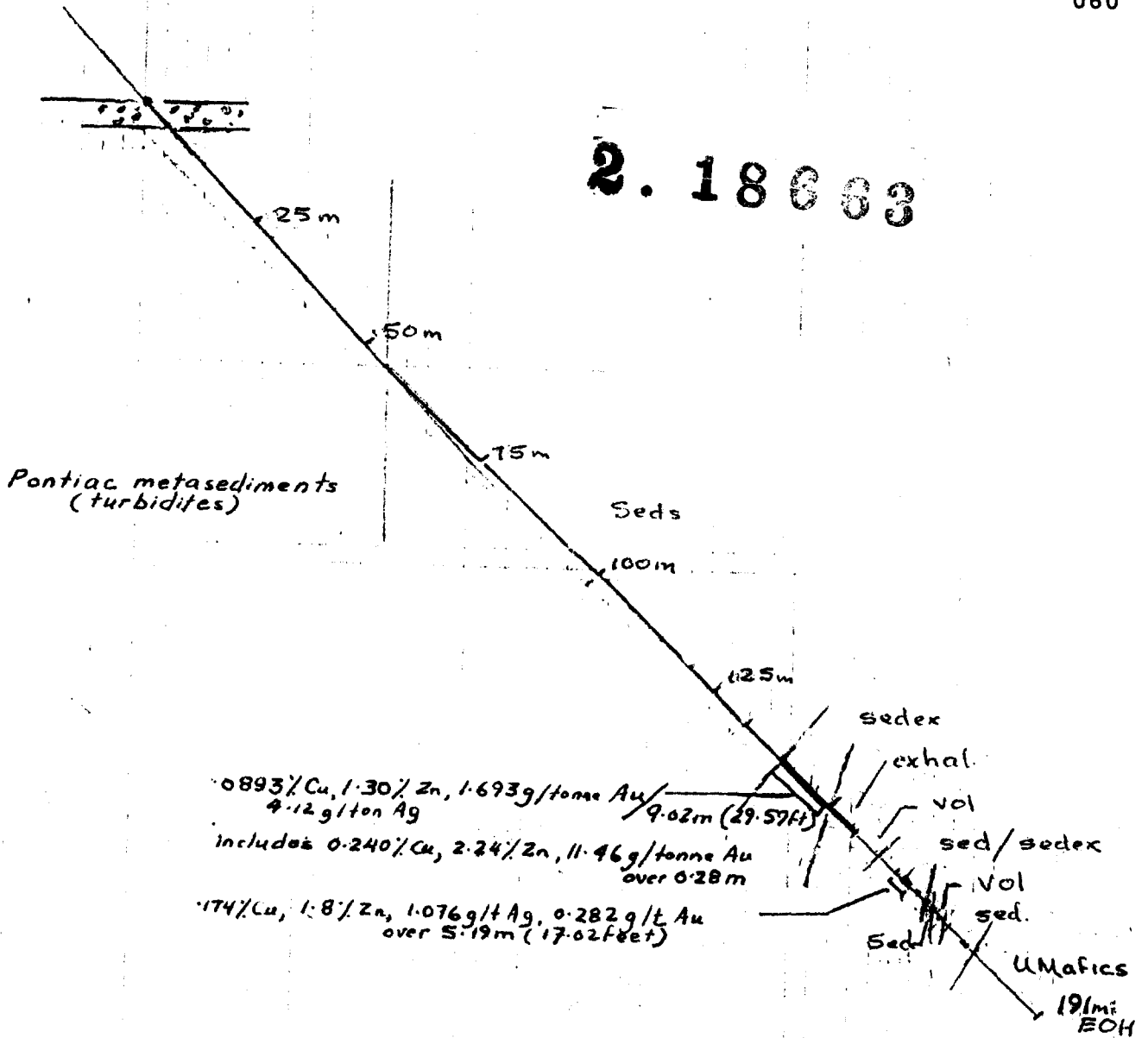
31M13SE2002

2.18663

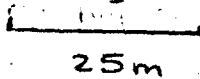
PENSE

060

2.18663



NOVAWEST RESOURCES INC.
 GOLDEN POLY PROJECT
 PENSE TWP
 L 35+00W Looking West
 DDH GP 97'03 (-17°); Azimuth 0+00°
 (Casing 6 m)



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 11:30
 NOV 13 1998
 GEOSCIENCE ASSESSMENT
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Analytical Chemists * Geochemists * Registered Assayers

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 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

To: NOVAWEST RESOURCES INC.

820 - 470 GRANVILLE ST.
 VANCOUVER, BC
 V6C 1V5

GP-97-03

Page Number : 1
 Total Pages : 1
 Certificate Date: 19-JAN-98
 Invoice No. : 19810572
 P.O. Number :
 Account : PET

Project :
 Comments: ATTN: PETER FISHER CC: FRANK PUSKAS

CERTIFICATE OF ANALYSIS

A9810572

SAMPLE	PREP CODE	Au ppb FA+AA	Cu ppm						
M765401	205 226	120	172						
M765402	205 226	20	-----						
M765403	205 226	225	86						
M765404	205 226	210	62						
M765405	205 226	2160	3350						
M765406	205 226	235	340						
M765407	205 226	245	57						
SAMPLE	PREP CODE	Au ppb FA+AA	Cu ppm	Ag ppm Aqua R					
M765408	205 226	440	680	5.0					
M765409	205 226	110	55						
SAMPLE	PREP CODE	Au g/t	Ag g/t	Cu %	Zn %				
M765410 139-58-140	208 226	0.12	1.5	0.07	0.01				
M765411 140-141	208 226	2.61	5.7	0.17	0.81				
M765412 WRX 142-54	208 226	3.99	4.2	0.07	1.16				
M765413 142-54-142-88	208 226	1.32	3.3	0.06	1.27				
M765414 142-88-143-04	208 226	0.24	1.8	0.03	0.24				
M765415 WRX	208 226	0.42	2.7	0.10	2.21				
M765416	208 226	1.05	3.0	0.08	2.52				
M765417	208 226	1.89	3.0	0.06	1.76				
M765418	208 226	11.46	13.8	0.24	2.24				
M765419	208 226	3.27	6.6	0.09	0.48				
M765420 148-06-149-8	208 226	< 0.06	< 0.3	0.02	0.02				
M765421	208 226	< 0.03	< 0.3	0.01	0.01				
M765422	208 226	< 0.03	< 0.3	0.01	< 0.01				
M765423	208 226	< 0.03	< 0.3	0.01	< 0.01				
M765424	208 226	< 0.03	< 0.3	0.01	< 0.01				
M765425	208 226	< 0.03	0.3	< 0.01	< 0.01				
M765426 158-0-160-53	208 226	< 0.03	1.2	0.01	< 0.01				

icp Ag 15%
 icp fuchsite with py veins
 fuchsite py veins
 fuchsite
 low fuchsite

mixed 'vet balls' in bio mtr
 ditto, w retic white Q-CD3 vng



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
 Ontario, Canada L4W 2S3
 PHONE: 905-624-2806 FAX: 905-624-6163

To: NOVAVEST RESOURCES INC.

820 - 470 GRANVILLE ST.
 VANCOUVER, BC
 V6C 1V5

GP-97-03

Page Number : 1
 Total Pages : 1
 Certificate Date: 23-FEB-98
 Invoice No. : 19812878
 P.O. Number :
 Account : PET

Project :
 Comments: ATTN: FRANK PUSKAS CC: PETER FISHER

CERTIFICATE OF ANALYSIS

A9812878

SAMPLE	PREP CODE	Au ppb FA+AA	Cu ppm	Zn ppm	Ag ppm Aqua R					
M765427 160-53 - 161-70	205 226	< 5	74	39	< 0.2	0				
M765428 161-70 - 164-15	205 226	< 5	280	194	< 0.2	0				
M765429 164-15 - 165-0	205 226	< 5	1200	>10000 (2.45)	0.6	•				5% blocks of po slumped over 11 CA graph with sized po
SAMPLE	PREP CODE	Au ppb RUSH	Cu %	Zn %	Ag g/t					
M765430 165-0 - 165-25	258 295	5	0.49	1.33	2.4	•				
M765431 165-25 - 165-83	205 226	< 5	1200	>10000 (1.88)	1.2	•				graph lepp
M765432 165-83 - 167-05	205 226	< 5	760	500	< 0.2	0				spotted green slts/vb
M765433 167-05 - 168-02	258 295	1100	0.10	2.96	2.1	•				
M765434 168-02 - 170-0	258 295	10	0.11	1.99	0.9	•				
M765435 170-0 - 170-94	258 295	10	0.49	1.48	3.3	•				
M765436 170-94 - 171-5	258 295	< 5	0.41	0.03	2.1	0				
M765437 171-5 - 172-24	205 226	< 5	1350	115	< 0.2					marked Fe is less E (po (sib))
M765438 172-24 - 172-42	205 226	< 5	630	102	< 0.2					biotact
M765439 172-42 - 174-51	205 226	< 5	106	67	< 0.2					ng hbe - garnet sil BIF
M765440 174-51 - 177-31	205 226	< 5	88	46	< 0.2					vfg epidote act
M765441 177-31 - 178-16	205 226	< 5	73	62	< 0.2					"
M765442 178-16 - 179-67	205 226	< 5	139	58	< 0.2					be bio rich slump
M765443 179-67 - 180-56	205 226	< 5	380	60	< 0.2					slts
M765444 180-56 - 180-96	205 226	10	2200	7700	1.8	•				lep - slts
M765445 180-96 - 181-63	205 226	25	580	>10000 (2.24)	2.0	•				graph lepo
M765446 181-63 - 181-70	205 226	20	4150	>10000 (1.20)	4.2	•				laminated lep cpy vnlts
M765447 181-70 - 182-18	205 226	< 5	790	760	< 0.2	0				alter lim
M765448 182-18 - 183-7E	205 226	< 5	215	800	< 0.2	•				steatitic
M765449 183-7E - 186-9	205 226	< 5	85	42	< 0.2					lim
M765450 186-9 - 190-0	205 226	< 5	58	32	< 0.2					lim



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 5175 Timberlea Blvd., Mississauga
 Ontario, Canada L4W 2S3
 PHONE: 905-624-2806 FAX: 905-624-6163

To: NOVAWEST RESOURCES INC. #
 820 - 470 GRANVILLE ST.
 VANCOUVER, BC
 V6C 1V5

Page Number :1
 Total Pages :1
 Certificate Date: 25-FEB-98
 Invoice No. :19812935
 P.O. Number :
 Account :PET

Project :
 Comments: ATTN: FRANK PUSKAS CC: PETER FISHER

CERTIFICATE OF ANALYSIS A9812935

SAMPLE	PREP CODE	Au ppb FA+AA	Cu ppm	Zn ppm	Ag ppm Aqua R						
M765501	205 226	< 5	105	53	0.2						



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212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: NOVAWEST RESOURCES INC.

820 - 470 GRANVILLE ST.
VANCOUVER, BC
V6C 1V5

GP-97-03

Page Number :1
Total Pages :1
Certificate Date: 26-FEB-98
Invoice No. : I9813008
P.O. Number :
Account : PET

Project :

Comments: ATTN: FRANK PUSKAS CC: PETER FISHER

CERTIFICATE OF ANALYSIS

A9813008

SAMPLE	PREP CODE	Zn %																		
M765429	244 --	1.45																		
M765431	244 --	1.88																		
M765445	244 --	2.24																		
M765446	244 --	1.20																		

CERTIFICATION:



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: NOVAWEST RESOURCES INC.

820 - 470 GRANVILLE ST.
VANCOUVER, BC
V6C 1V5

GP-97-03

Page Number : 1
Total Pages : 1
Certificate Date: 19-JAN-98
Invoice No. : I9810571
P.O. Number :
Account : PET

Project :

Comments: ATTN: PETER FISHER CC: FRANK PUSKAS

CERTIFICATE OF ANALYSIS

A9810571

SAMPLE	PREP CODE	Al2O3 %	CaO %	Cr2O3 %	Fe2O3 %	K2O %	MgO %	MnO %	Na2O %	P2O5 %	SiO2 %	TiO2 %	LOI %	TOTAL %	Y ppm	Zr ppm
		XRF	XRF	XRF	XRF	XRF	XRF	XRF	XRF	XRF	XRF	XRF	XRF	XRF	XRF	XRF
M765412	299 --	8.54	2.26	< 0.01	8.17	0.14	0.93	0.04	4.98	0.09	70.08	0.32	2.71	98.26	24	87
M765415	299 --	12.44	4.32	< 0.01	11.21	0.14	0.97	0.06	7.66	0.13	53.94	0.50	3.75	95.12	26	117

CERTIFICATION:

Frank Puskas



31M13SE2002

2.18663

PENSE

070

2.18663

Pontiac sediments
(turbidites)

0.873% Cu, 1.30% Zn, 4.12 g/L Ag, 1.673 g/t Au
over 9.02m (29.58 feet)
includes 0.24% Cu, 2.24% Zn, 13.89 g/L Ag
11.46 g/t Au over 0.28m (0.92 feet)

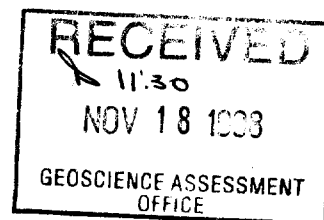
0.1599% Cu, 2.18% Zn, 1.48 g/t Ag, 0.0855 g/t Au
over 7.70m (25.26 feet)

Ultramafic komatites

E.C.H (164 m)

NOVAWEST RESOURCES INC.
GOLDEN POLY PROJECT
PENSE TWP
L 36+00W (Locking west)
DDH GP-97-04 (-50°); Azimuth 0+00°

25m





Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 5175 Timberlea Blvd., Mississauga
 Ontario, Canada L4W 2S3
 PHONE: 905-624-2806 FAX: 905-624-6163

To: NOVAVEST RESOURCES INC.

820 - 470 GRANVILLE ST.
 VANCOUVER, BC
 V6C 1V5

GP-97-04

Page Number : 1
 Total Pages : 1
 Certificate Date: 25-FEB-98
 Invoice No. : 19812934
 P.O. Number :
 Account : PET

Project :

Comments: ATTN: FRANK PUSKAS CC: PETER FISHER

CERTIFICATE OF ANALYSIS

A9812934

SAMPLE	PREP CODE	Au ppb RUSH	Cu %	Zn %	Ag g/t						
M765502	258 295	525	0.13	1.13	3.0						
M765503	258 295	475	0.47	1.32	5.4						
M765504	258 295	175	0.07	1.37	2.4						
M765505	258 295	520	< 0.01	0.06	0.9						
M765506	258 295	8810	0.21	1.97	9.3						
M765507	258 295	1300	0.14	3.69	3.9						
M765508	205 226	160	440	>10000 (1-76)	2.0						
M765509	258 295	1610	0.11	2.69	3.3						
M765510	258 295	85	0.06	0.51	0.6						
M765511	258 295	185	0.10	2.63	1.8						
M765512	205 226	75	740	5500	2.0						
M765513	258 295	30	0.07	0.51	0.9						
M765514	258 295	95	0.13	0.73	5.1						
M765515	205 226	< 5	430	123	1.0						
M765516	205 226	< 5	136	94	0.6						
M765517	205 226	< 5	215	230	0.8						
M765518	205 226	< 5	168	56	< 0.3						
M765519	258 295	5	0.01	< 0.01	< 0.3						
M765520	205 226	< 5	110	62	0.4						
SAMPLE	PREP CODE	Au ppb FA+AA	Cu ppm	Zn ppm	Ag ppm Aqua R	Ni ppm					
M765521	205 226	< 5	115	83	0.4						
M765522	205 226	< 5	124	85	0.2						
M765523	205 226	< 5	82	31	0.4						
M765524	205 226	< 5	23	16	0.4						
M765525	205 226	< 5	77	41	0.2						
M765526	205 226	< 5	80	57	0.6						
M765527	205 226	< 5	260	65	1.0						
M765528	205 226	< 5	300	102	0.6						



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820 - 470 GRANVILLE ST.
 VANCOUVER, BC
 V6C 1V5

GP-97-04

Page Number : 1
 Total Pages : 1
 Certificate Date: 26-FEB-98
 Invoice No. : 19813021
 P.O. Number :
 Account : PET

Project:
 Comments: ATTN: FRANK PUSKAS CC: PETER FISHER

CERTIFICATE OF ANALYSIS

A9813021

SAMPLE	PREP CODE	Au ppb RUSH	Cu %	Zn %	Ag g/t						
M765529	258 295	210	0.14	2.89	1.5						
M765530	258 295	25	0.08	1.26	0.9						
M765531	258 295	< 5	0.06	0.14	0.3						
M765532	258 295	15	0.14	1.93	0.9						
M765533	258 295	470	0.96	1.31	9.3						
M765534	258 295	10	0.13	2.18	2.4						
M765535	258 295	65	0.18	3.52	1.2						
M765536	258 295	60	0.20	1.33	1.5						
M765537	258 295	85	0.17	1.89	1.2						
M765538	258 295	5	0.28	1.85	2.1						
M765539	205 226	10	1700	8600	2.4						
M765540	205 226	< 5	1300	640	1.4						
M765541	258 295	< 5	0.51	0.04	3.0						
M765542	205 226	< 5	790	81	1.0						
M765543	205 226	< 5	94	115	0.4						
M765544	205 226	< 5	120	122	0.2						
M765545	205 226	< 5	107	37	0.2						
M765546	205 226	< 5	123	118	0.4						
M765547	205 226	< 5	215	195	0.6						
M765548	258 295	10	0.17	1.91	1.8						
M765549	205 226	< 5	220	86	0.6						
M765550	205 226	< 5	62	38	< 0.2						
M765551	205 226	< 5	73	41	< 0.2						
M765552	205 226	< 5	49	36	< 0.2						
M765553	205 226	< 5	9	67	< 0.2						
M765554	205 226	< 5	64	54	< 0.2						
M765555	205 226	< 5	55	31	< 0.2						
M765556	205 226	< 5	35	42	< 0.2						
M765557	205 226	< 5	64	38	< 0.2						



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: NOVAWEST RESOURCES INC.

820 - 470 GRANVILLE ST.
VANCOUVER, BC
V6C 1V5

GP-97-04

Project:

Comments: ATTN: FRANK PUSKAS CC: PETER FISHER

Page Number : 1
Total Pages : 1
Certificate Date: 28-FEB-98
Invoice No. : I9813320
P.O. Number :
Account : PET

CERTIFICATE OF ANALYSIS

A9813320

SAMPLE	PREP CODE	Zn %																		
M765508	244 --	1.76																		

CERTIFICATION:



Declaration of Assessment Work Performed on Mining Land

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

Transaction Number (office use)
W9880.00407
Assessment Files Research Imaging



31M13SE2002 2.18663 PENSE

900

Sections 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, this work and correspond with the mining land holder. Questions about this collection and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Instructions: - For work performed on Crown Lands before recording a claim, use form 0240.
- Please type or print in ink.

2.18663

1. Recorded holder(s) (Attach a list if necessary)

Name GERALD JOSEPH GEREHTY	Client Number 135937
Address P.O. BOX 19, 10 GODFREY DRIVE COPPER CLIFF, ONTARIO P0M 1N0	Telephone Number 682 4704 (705)
	Fax Number
Name	Client Number
Address	Telephone Number
	Fax Number

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

Geotechnical: prospecting, surveys, assays and work under section 18 (regs)
 Physical: drilling stripping, trenching and associated assays
 Rehabilitation

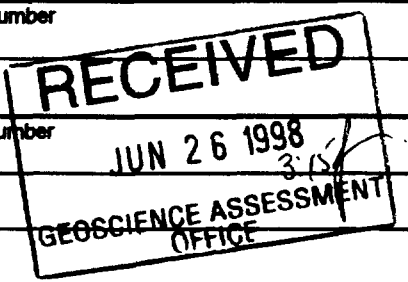
Work Type DIAMOND DRILLING	Office Use
	Commodity 1
	Total \$ Value of Work Claimed 76,160
Dates Work Performed From 11 12 97 To 16 12 97	NTS Reference
Global Positioning System Data (if available)	Mining Division Larder Lake
Township/Area PENSE/LARDER LAKE	Resident Geologist District Kirkland Lake
M or G-Plan Number M-566	

Please remember to:

- obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number



4. Certification by Recorded Holder or Agent

FRANK P. PUSKAS, do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent <i>Frank P. Puskas</i>	Date June 26/98
Agent's Address 259 ANDERSON DR LIVELY P3Y 1M9	Telephone Number 705-692-9276
	Fax Number 705-692-7614

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.

PAGE 1 W9880.00407

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the 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 and future date
eg TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$ 8,892	\$ 4,000	0	\$4,892
1 L 104660	16 ha	\$62,452.32	N/A	\$ 6402.00	\$56,050.32
2 L 1076182	16 ha	N/A	\$ 521.00	0	0
3 L 1076183	16 ha	0	\$ 525.00	0	0
4 L 1076184	16 ha	0	\$ 525.00	0	0
5 L 1076185	16 ha	0	\$ 525.00	0	0
6 L 1076186	16 ha	0	\$ 525.00	0	0
7 L 1076187	16 ha	0	\$ 525.00	0	0
8 L 1076188	16 ha	0	\$ 525.00	0	0
9 L 1076189	16 ha	0	\$ 525.00	0	0
10 L 1076190	16 ha	0	\$ 526.00	0	0
11 L 1076191	16 ha	0	\$ 526.00	0	0
12 L 1076192	16 ha	0	\$ 525.00	0	0
13 L 1076195	16 ha	0	\$ 126.00	0	0
14 L 1076196	16 ha	0	\$ 126.00	0	0
15 L 1076197	16 ha	0	\$ 126.00	0	0
Column Totals					

I, FRANK P. PUSKAS, do hereby certify that the above work credits are eligible under 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

Frank Puskas

June 26/98

6. Instructions for cutting back credits that are not approved.

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

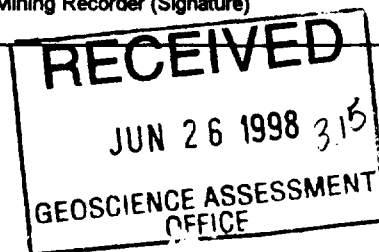
Date Notification Sent

Date Approved

Total Value of Credit Approved

Approved for Recording by Mining Recorder (Signature)

0241 (03/97)



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.

PAGE 2 W9880.00407

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the 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 as a share of
eg TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$ 8,892	\$ 4,000	0	\$4,892
1 L 1076198	16 Ha	\$13,708.00	\$ 125.00	0	\$13,583.00
2 L 1076199	16 ha	0	\$ 125.00	0	0
3 L 1117786	16 ha	0	\$ 126.00	0	0
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
Column Totals		\$76,160.32	\$6527.00	\$6402.00	\$69,633.32

I, FRANK P. PUSKAS, do hereby certify that the above work credits are eligible under 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: [Signature] Date: June 26/98

6. Instruction for cutting back credits that are not approved.

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
JUN 26 1998 3:15
GEOSCIENCE ASSESSMENT
OFFICE

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.

2.18663

Work Type	Units of Work <small>Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.</small>	Cost Per Unit of work	Total Cost
DIAMOND DRILLING (INCL. MOB & DE-MDB)	722 METRES	\$68.47/m	\$49 435.47
Associated Costs (e.g. supplies, mobilization and demobilization).			
GEOLOGICAL SUPERVISION			5,979.26
LOGGING, SAMPLING, DATA PROCESS.			19,680.00
CORE CUTTING			1,065.59
Transportation Costs			
Food and Lodging Costs			
Total Value of Assessment Work			76,160.32

RECEIVED
JUN 26 1998 3:15
GEOSCIENCE ASSESSMENT OFFICE

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, FRANK P. PUSKAS
(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 FRANK P. PUSKAS DIR. NVE I am authorized
(recorded holder, agent, or state company position with signing authority) to make this certification.

Signature: [Signature] Date: June 26/98

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

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

January 8, 1999

GERALD JOSEPH GERECHTY
10 GODFREY DRIVE
P.O. BOX 19
Copper Cliff, Ontario
P0M-1N0

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

Dear Sir or Madam:

Submission Number: 2.18663

Status

Subject: Transaction Number(s): W9880.00407 Approval After Notice

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 Lucille Jerome by e-mail at lucille.jerome@ndm.gov.on.ca or by telephone at (705) 670-5858.

Yours sincerely,



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

Work Report Assessment Results

Submission Number: 2.18663

Date Correspondence Sent: January 08, 1999

Assessor: Lucille Jerome

General Comment:

The revisions required to satisfy the 45 day notice dated October 15, 1998 were received. After re-evaluating this submission the total value of work eligible is \$66,131.00. This amount represents the drilling at industry standards and the cost of analysis for the drill core.

Please refer to the attached Assessment Work Sheet for the final approved values.

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9880.00407	104660	PENSE,	Approval After Notice	December 01, 1998

Section:

16 Drilling PDRILL

Correspondence to:

Resident Geologist
Kirkland Lake, ON

Assessment Files Library
Sudbury, ON

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

Frank Puskas
LIVELY, ONTARIO

GERALD JOSEPH GEREHTY
Copper Cliff, Ontario

NOVAWEST RESOURCES INC.
VANCOUVER, B.C.

Distribution of Assessment Work Credit

The following credit distribution reflects the value of assessment work performed on the mining land(s).

Date: January 08, 1999

Submission Number: 2.18663

Transaction Number: W9880.00407

<u>Claim Number</u>	<u>Value Of Work Performed</u>
104660	54,227.00
1076198	11,904.00
	<hr/>
Total: \$	66,131.00

Phone: 705-682-4704
Fax: 705-682-9318

Jan 11/00
Client requested to have date changed as
dates provided were incomplete.

Report W9880.00407 was rejected
and re-entered as
W9880.00830.

Fax

To: Mr. Blair Kite
Manager, Geoscience Assessment Office
Ontario Ministry of Northern Dev. & Mines
922 Ramsey Lake Road, 6th Floor
Sudbury, Ontario
P3E 6B5

From: Gerald J Gerechty

Fax: 705-670-5881 **Date:** January 10, 2000

Phone: **Pages:** 3

Re: NovaWest Resources Inc., **CC:** Patrick O'Brien
Banked Assessment Credits Frank Puskas

Message: Further to our late morning telephone discussion regarding the possible filing of banked assessment credits in the township of Pense, on mining claims owned outright by NovaWest Resources Inc., I have listed pertinent dates in support of the 28 claim units, 4 claim blocks, that were recorded January 23, 1998.

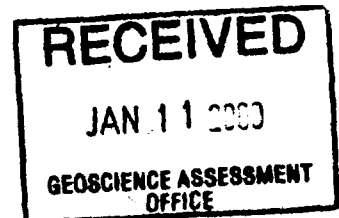
01-4
02-2

1st Filing Date: June 26, 1998 : **Submission No. 2 : 18663**

Transaction No. W 9880.00407

Approved value of work : \$86,131.00

...2



...2

- 1) Dates of drilling: Dec. 11, 1997 to Dec. 16, 1997 cost: \$49,435.47
- 2) Dates of preparation drill hole spotting, geophysics and drill supervision. Dec. 5 to Dec. 19, 1997 Cost: \$ 5,979.26

Dec 5/97
to
~~1997-1998~~
June 19/98

- 3) Dates of completion of drill logging:
 - (No assaying incl.) Drill hole GP - 97-01: June 21, 1998
 - (No assaying incl.) Drill hole GP - 97-02: June 19, 1998
 - (Assays. Incl.) Drill hole GP - 97-03: June 12, 1998
 - (Assays. Incl.) Drill hole GP - 97-04: June 01, 1998
 - (Assays. Incl.) Drill hole GP - 97-05: May 20, 1998
- Costs summarized under "Logging, sampling & Data Processing" \$19,680.00*

2.18995: 69880.00720
2.18663

Note: Although \$19,680.00* was claimed as expenses I am unaware of the of the accepted charges.

- 4) Cost of core cutting: \$ 1,065.59
- Hereto I am unaware of accepted costs and do not have a copy of the receipt to refer to for the actual dates but do know the cutting probably extended into late February.

2nd. Filing Date: November 19, 1998

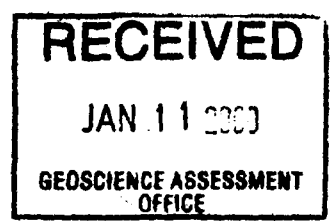
Submission No. 2: 18995

Transaction No. W 9880.00720

Approved value of work performed \$13,671.00

Duration of time covered by this submission is: December 9, 1997 to June 21, 1998.

...3



...3

Unfortunately I do not have copies of the receipts submitted so cannot provide

actual expenditure dates, however, since the total value of work claimed was reduced from \$20,325.00 to \$13,671.00 and \$13,600.00 was used for credits on my 17 claims, this leaves an insignificant credit balance on this 2nd. filing

When you have had an opportunity to review the banked credit balance and determined the amount eligible for distribution to those claims recorded January 23,1998, please notify me so that last minute action can be taken.

Yours truly,

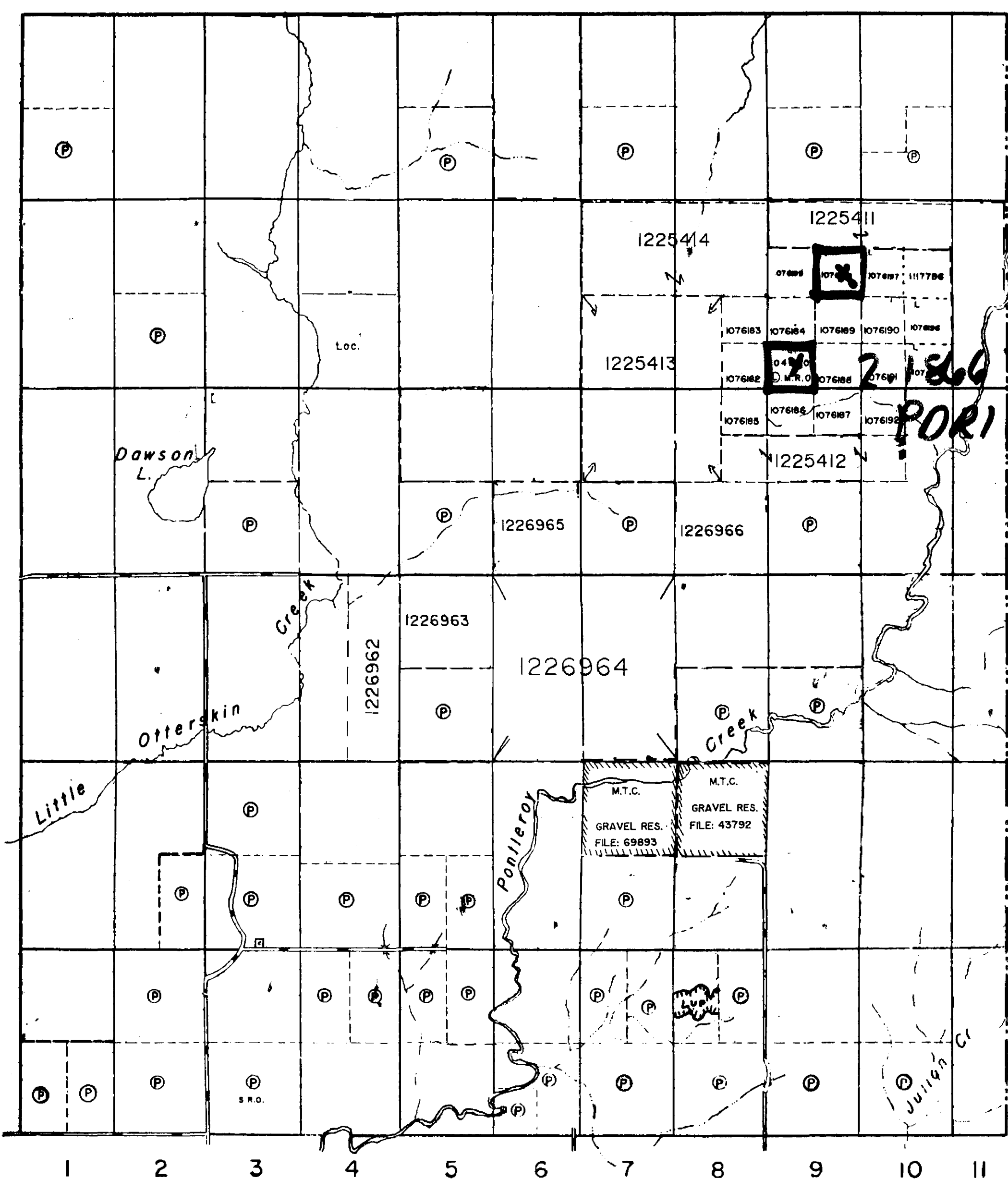

Gerald J Geregty

Agent for NovaWest Resources Inc.

Mulligan Twp.

Ingram Twp

Province of Quebec

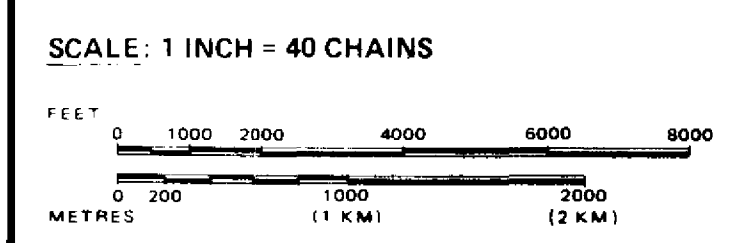


LEGEND

- 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	
RESERVATION	
CANCELLED	
SAND & GRAVEL	



TOWNSHIP
PENSE
 M.N.R. ADMINISTRATIVE DISTRICT
 KIRKLAND LAKE
 MINING DIVISION
 LARDER LAKE
 LAND TITLES / REGISTRY DIVISION
 TIMISKAMING

PROVINCIAL RECORDING OFFICE - SUDBURY
 OCT 17 1998
 DATE OF ISSUE

Ministry of Natural Resources
 Ministry of Northern Development and Mines

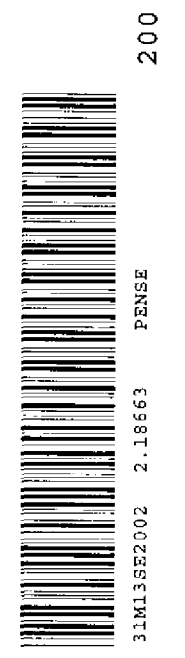
Date _____ Number **G-3698**

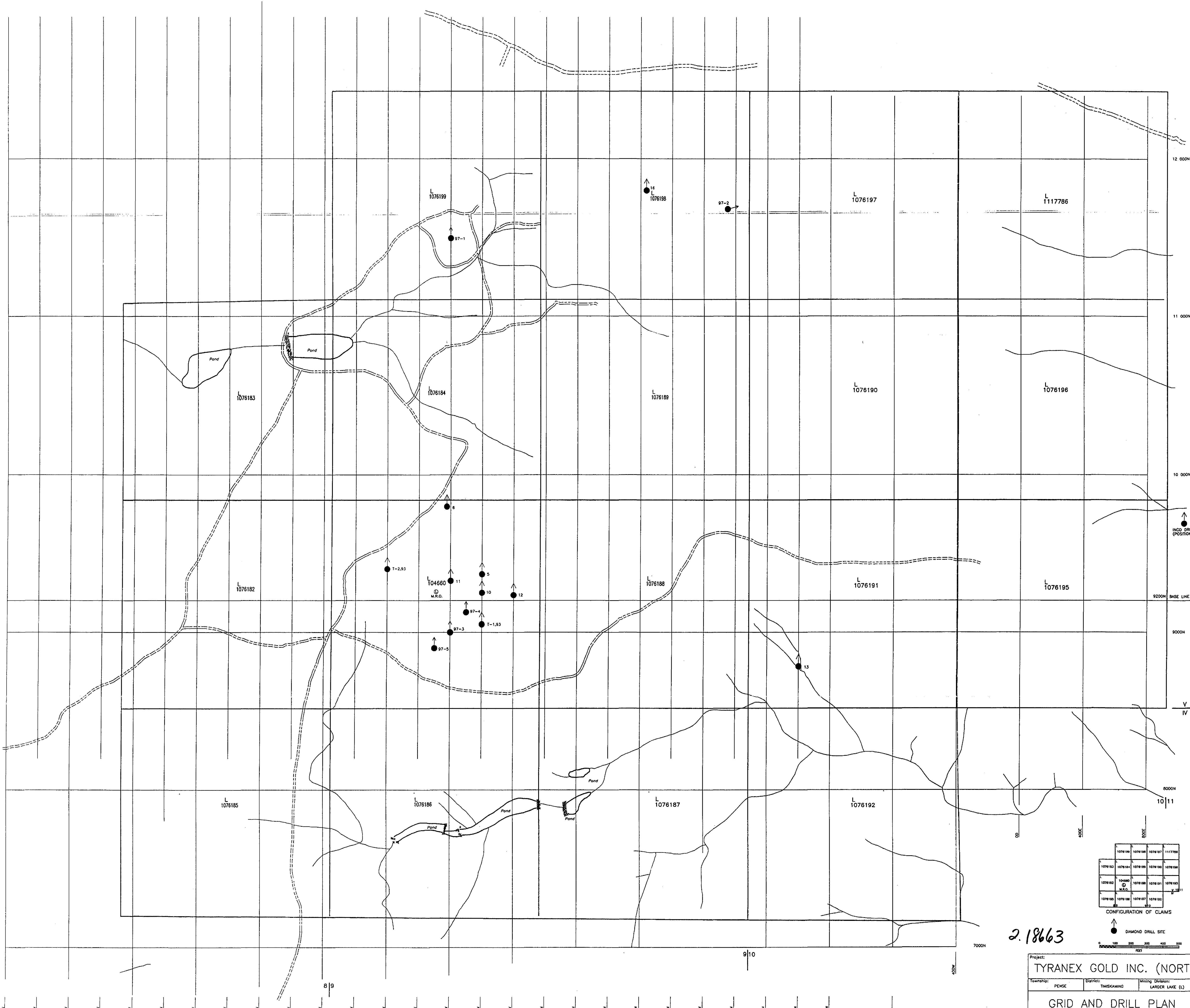
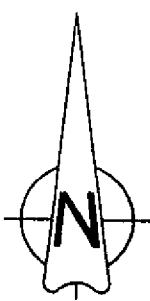
NOTICE OF FORESTRY ACTIVITY
 THIS TOWNSHIP / AREA FALLS WITHIN THE _____
 TIMISKAMING MANAGEMENT UNIT
 AND MAY BE SUBJECT TO FORESTRY OPERATIONS.
 THE MNR UNIT FORESTER FOR THIS AREA CAN BE
 CONTACTED AT: P.O. BOX 129
 SWASTIKA, ONT.
 POK ITO
 705-642-3222

CIRCULATED AUG. 17, 1992 B.R.B.

A COPY OF THIS MYLAR
 ARCHIVED JULY 06/95
 ARCHIVED JULY 10/97

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.





12 000N

11 000N

10 000N

9200N BASE LINE 090'

9000N

V IV

8000N

10 11

7000N

6000N

5000N

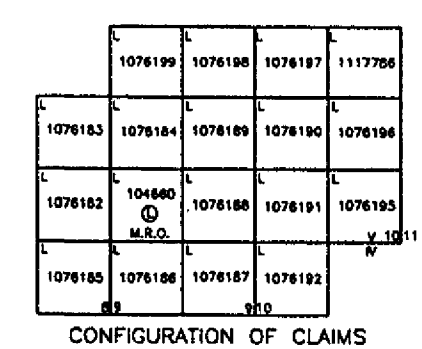
4000N

3000N

2000N

1000N

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CONFIGURATION OF CLAIMS

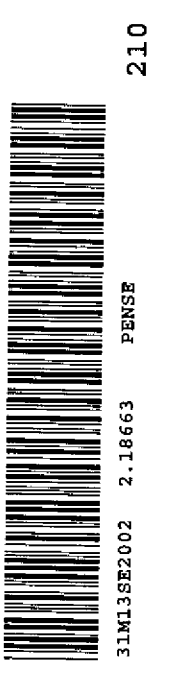
DIAMOND DRILL SITE

0 100 200 300 400 500

FEET

2.18663

Project: TYRANEX GOLD INC. (NORTH GRID)			
Township: PENSE	District: TIMSKAMING	Mining Division: LARDER LAKE (L)	Province: ONTARIO
Supervisor: G.J. GERECHTY		Instrument:	Survey date:
Survey by: G.J. GERECHTY	Drawn by: W.C.U.	Date drawn: MAR., 1993	Revised: MAR., 19 1998
Scale: 1:3600	File: PENCRO.DWG	N.T.S.	314/13
GRID AND DRILL PLAN		SHEET 1 of 1	FIGURE 101



210

314328202 2.18663 PENSE

31M13E2002 2.18663 PENSE



220

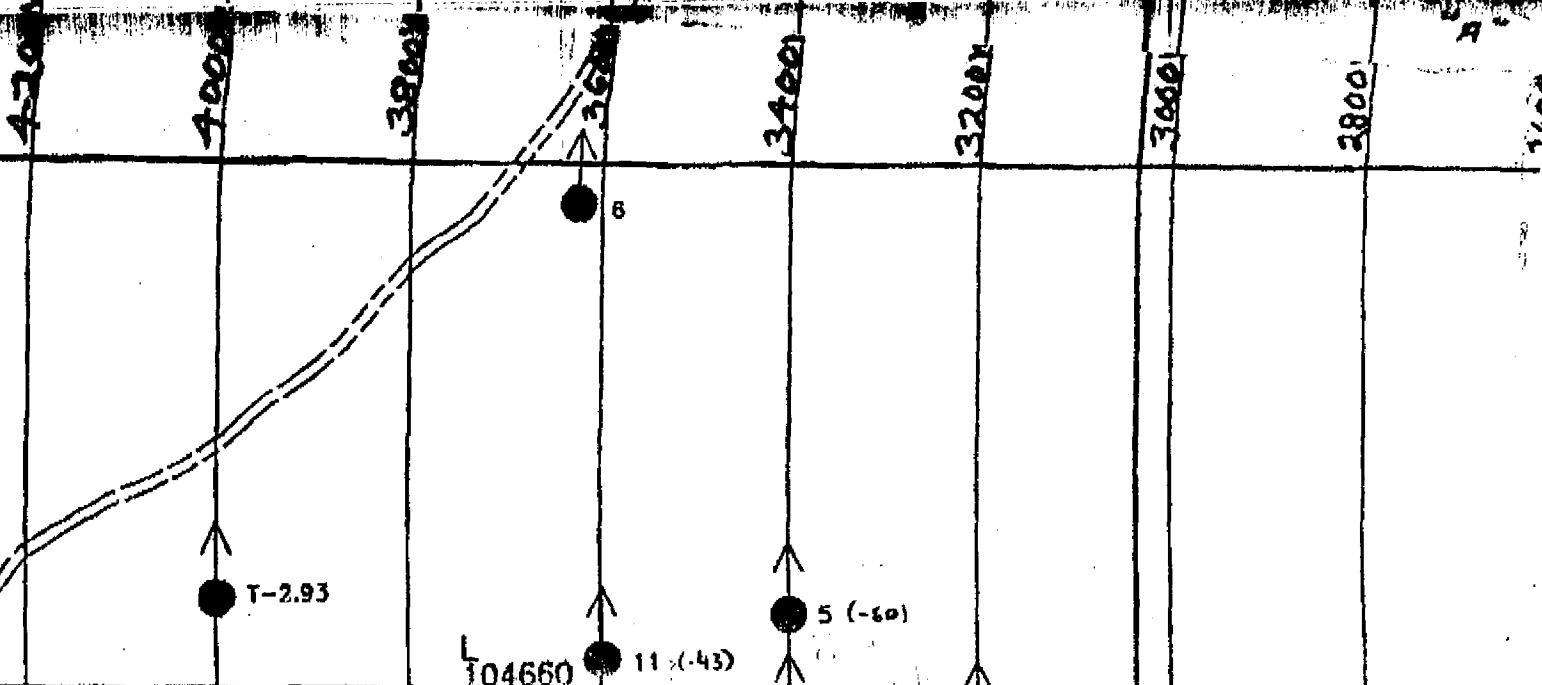
L 1076199

97--1
(Zoo from
main
shanty)

2.18663

L 1076184

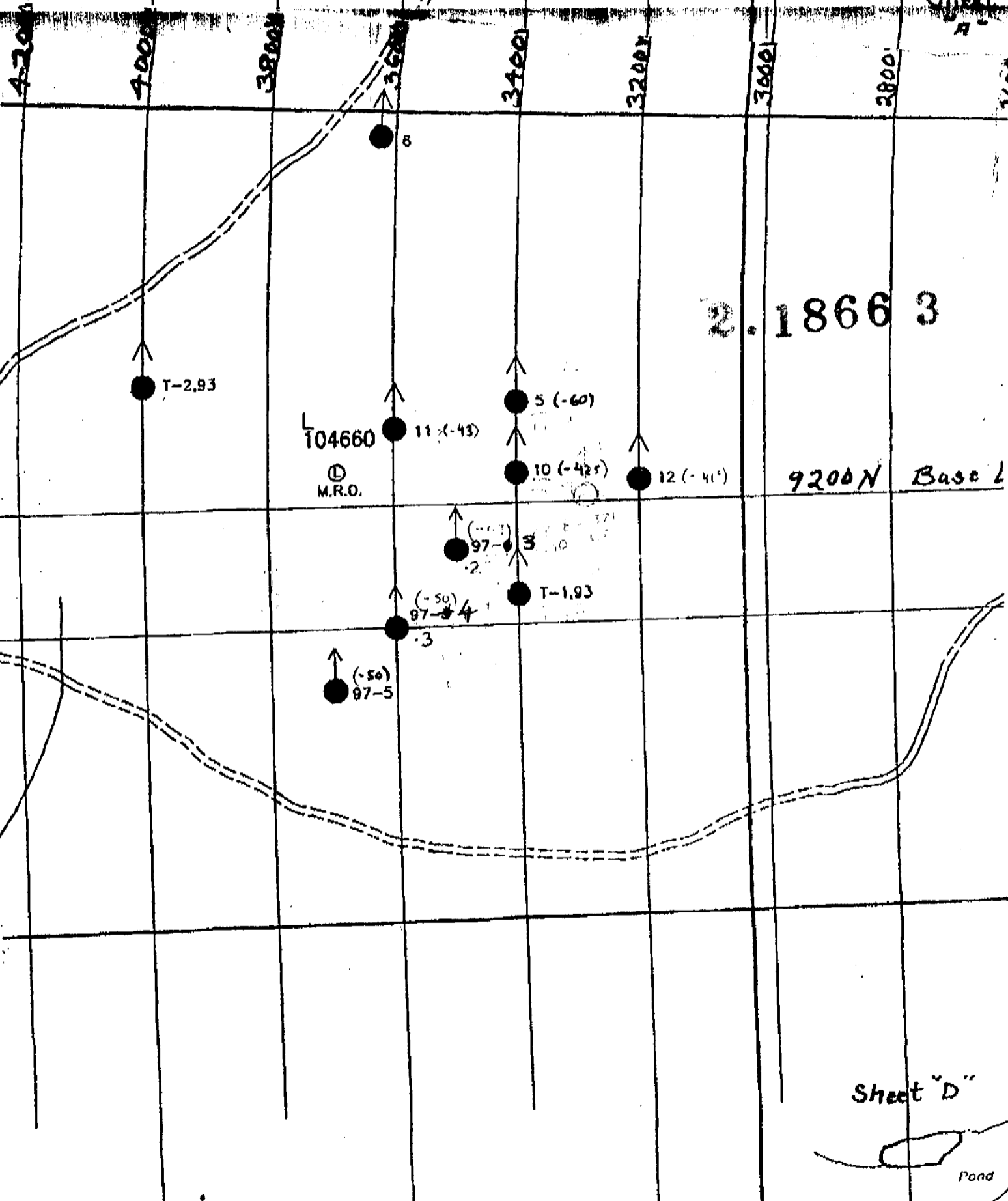
Shant



L 104660

1076184

Sheet
A



2.18663

9200N Base L

Sheet "D"

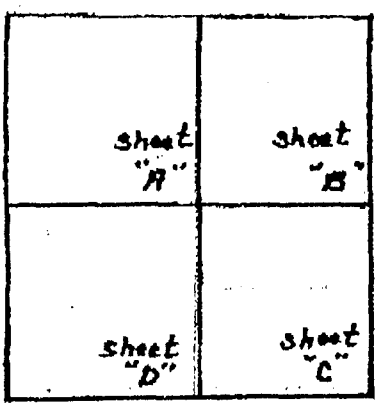
Pond



16
L
1076198

97-2

L
10761

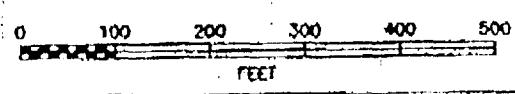


	L 1076199	L 1076198	L 1076187	L 1117786
L 1076183	L 1076184	L 1076189	L 1076190	L 1076198
L 1076182	L 104660 M.R.O.	L 1076188	L 1076191	L 1076195
L 1076185	L 1076186	L 1076187	L 1076192	L 1076193

CONFIGURATION OF CLAIMS



DIAMOND DRILL SITE



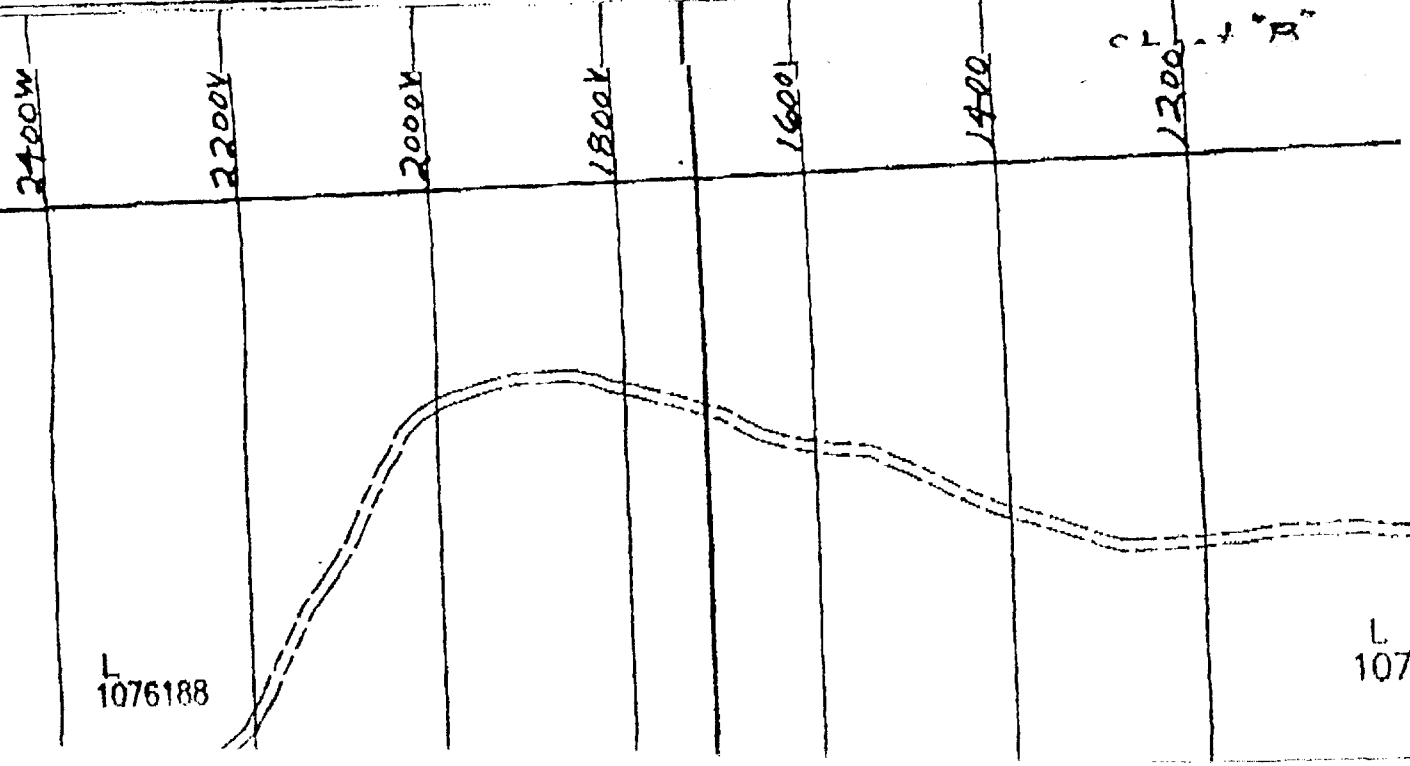
31M13E2002 2.18663 PENSE



240

Project: TYRANEX GOLD INC. (NORTH GRID)			
Township: PENSE	District: TIMISKAMING	Mining Division: LARDER LAKE (L)	Province: ONTARIO
GRID AND DRILL PLAN		SHEET 1 of 1	FIGURE
Supervisor: G.J. GERECHTY	Instrument:	Survey date:	
Survey by: G.J. GERECHTY	Drawn by: W.E.M.	Date drawn: MAR., 1993	Revised: MAR., 18, 1998
Scale: 1:2400	File: PENGRD.DWG	N.T.S. 31M/13	

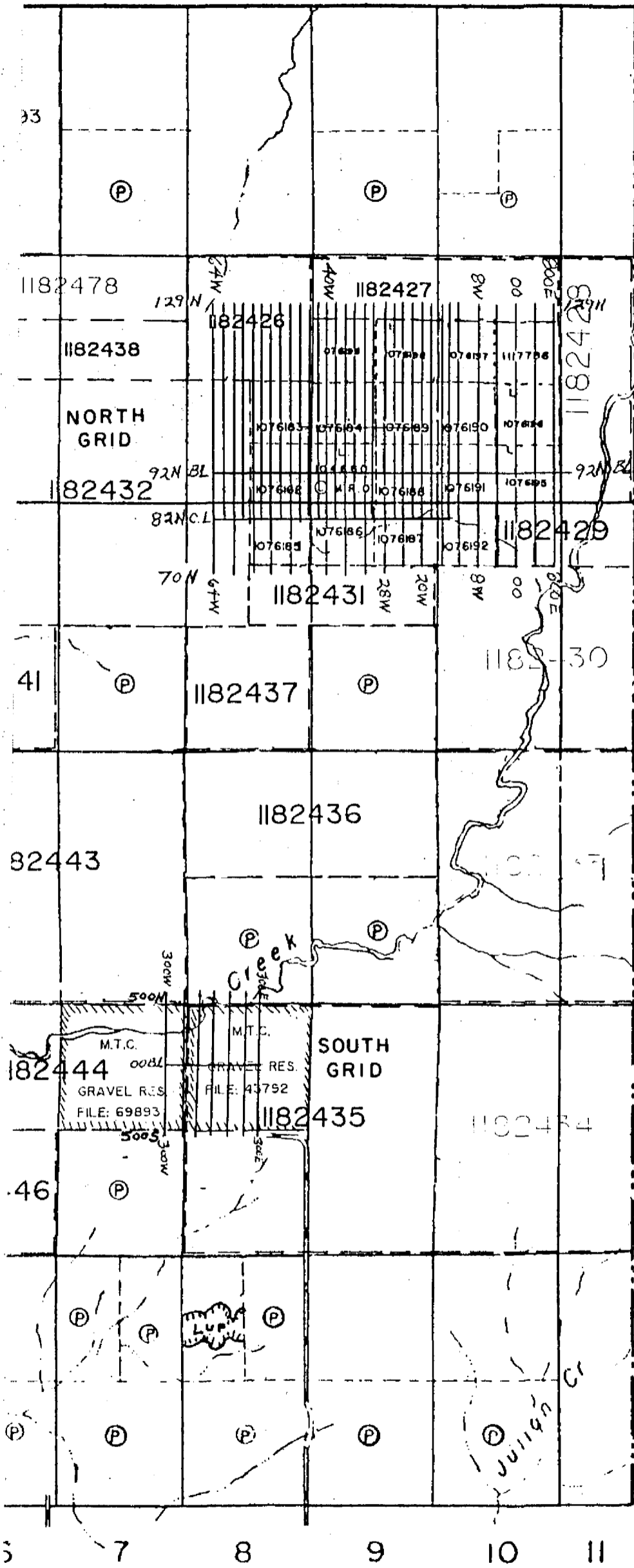
L
10761



L
1076188

L
107

Twp.



V

IV

III

II

Province of Quebec

2.18663
2.18653

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.

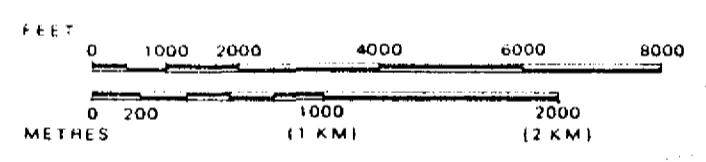
LEGEND

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	or
" SURFACE RIGHTS ONLY	S.R.O. or
" MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	or
" SURFACE RIGHTS ONLY	
" MINING RIGHTS ONLY	M.R.O. or
LICENCE G. OCCUPATION	
ORDER-IN-COUNCIL	OC
RESERVATION	
CANCELLED	
SAND & GRAVEL	

SCALE: 1 INCH = 40 CHAINS



TOWNSHIP

PENSE

M.N.R. ADMINISTRATIVE DISTRICT
KIRKLAND LAKE

MINING DIVISION
LARDER LAKE

LAND TITLES / REGISTRY DIVISION
TIMISKAMING



Ministry of
Natural
Resources

Ministry of
Northern Development
and Mines

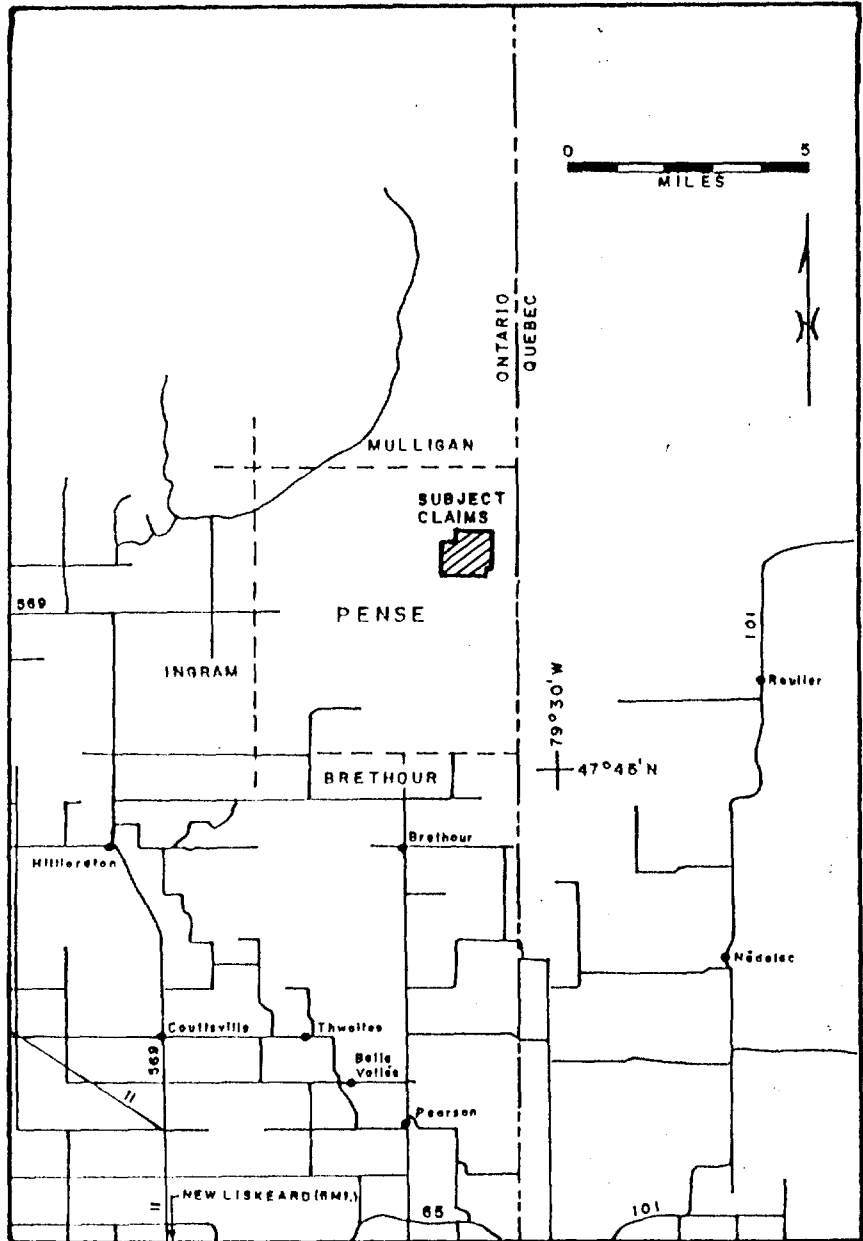
Date

Number

G-3698

CIRCULATED AUG. 17, 1992 B.R.B.





Location Map: Pense Township Mining Claims
 Timiskaming District
 Larder Lake Mining Division, Ontario
 Scale 1" = 4 miles

260

PENSE

31M13SE2002 2.18663

8 11:30



Mulligan Twp

geology reference-COBALT

RESIDENT GEO

THE TOWNSHIP OF










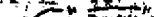



PENSE

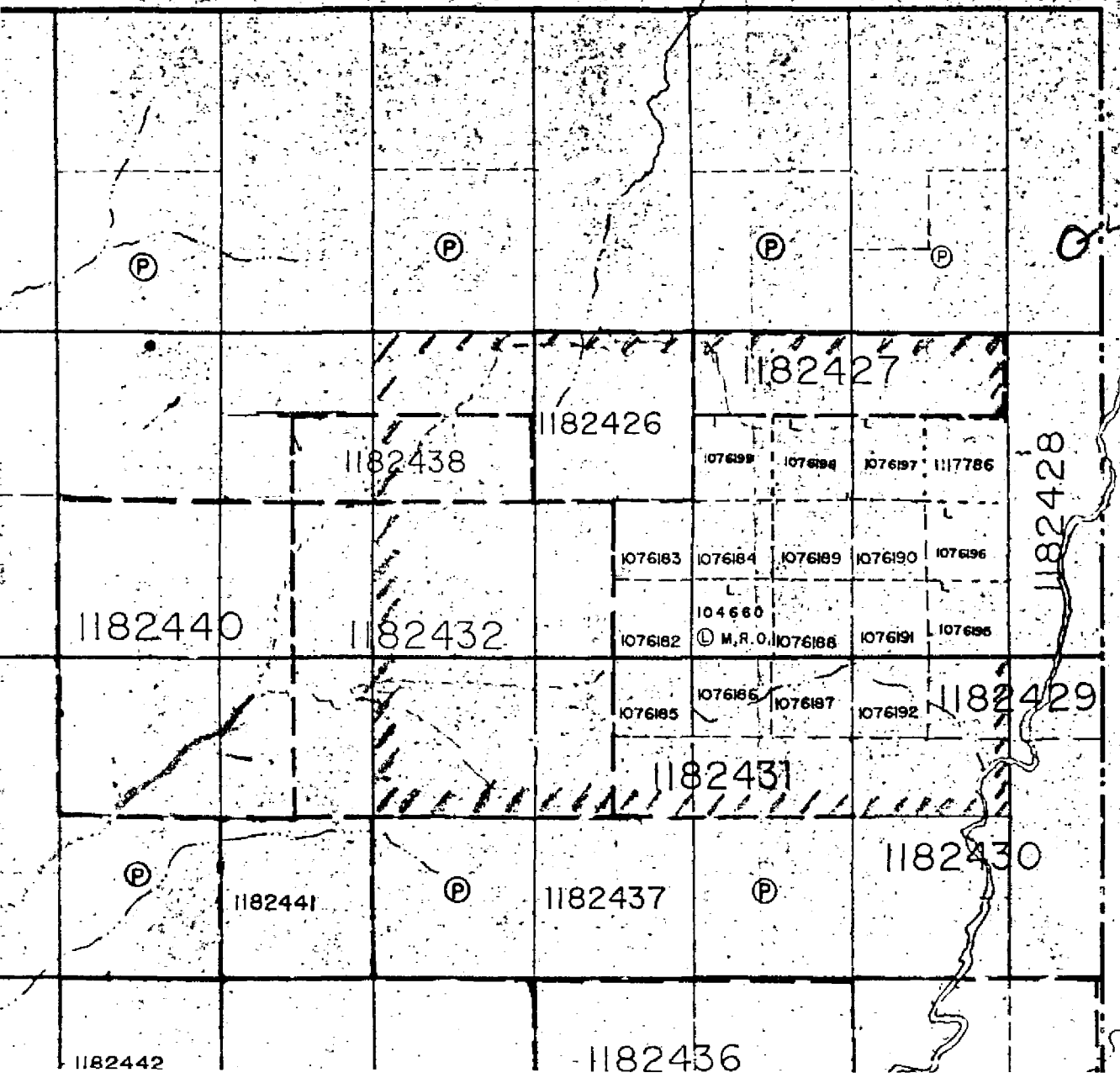
DISTRICT OF
TIMISKAMING

LARDER LAKE
MINING DIVISION

SCALE: 1-INCH=40 CHAINS

LEGEND

- PATENTED LAND 
- CROWN LAND SALE 
- LEASES 
- LOCATED LAND 
- LICENSE OF OCCUPATION 
- ROADS 
- IMPROVED ROADS 
- RAILWAYS 
- POWER LINES 
- MARSH OR MUSKEG 
- MINING RIGHTS ONLY 
- SURFACE RIGHTS ONLY 
- CANCELLED 



VI

V

IV

of Quebec

1M135E2002

2.18663

PENSE

270



PENSE