

DIAMOND DRILL LOG

DRILLING COMPANY		COLLAR ELEVATION		DIP		BEARING		CLAIM NO.		LOCATION		MAP		HOLE NO.		PAGE NO.		
NOREX DRILLING				COLLAR		-45 ° 120 °		1207467		L 2+00N, 7+35W				SP. 2. 99		1		
START DATE		COMPLETION DATE		DATE LOGGED				MAP NO.		PROPERTY NAME		COMMENTS						
AUG 30 1999		AUG 31 1999		SEPT 1-5 1999						SPANRIDE		ACID TEST						
EXPLORATION CO. OWNER: OPTIONEE				LOGGED BY				TOTAL FOOTAGE										
STARFIRE MINERALS				BKPOLK				233m										
FOOTAGE		ROCK TYPE		DESCRIPTION		PY %		SAMPLE FOOTAGE		SAMPLE LENGTH		ASSAYS						
FROM	TO			COLOUR; GRAIN SIZE; TEXTURE; MINERALS; ALTERATION; ETC.				FROM	TO			Au Ag Cu Ni Pb Zn Co						
												g/t ppm ppm ppm ppm ppm ppm						
0	3.4	OVB																
3.4	47.0	2m.p		L GREY GREEN TO LOCY DK GREEN F-MG MASSIVE LOCY PILD MAEIC VOLC FLOWS LOCY WIKLY AMGR BUT GENERALLY MASSIVE RARE VAR 8cm CG FELDSPAR PORPHY 40.1m, 45 DTCA (DERIVATIVE OF PORPHY BELOW?)														
				A WEAK-MOD LOC CHL ALTN WEAK BLEACHING ASSD W QCV' 2% QCALTN AS FRAC FILL, ST AF VEINS														
				S S ₀ WK @ 45 DTCA AF S ₁ QCST' @ 15-20 DTCA (INTERSECTING S' @ 2.5m) AF S ₂ FRAC' ST @ 45 DTCA														
				M TR BLEBBY P ₁ +P ₂ ASSD W QCALTN, WKLY DISSD MG EUM PY ASSD W CHL ALTN, TR CPY + P ₂ +P ₁ IN IRREG, GREEN CREAMY VEIN @ 4.8m														
				22833 3cm IRREG, DISC, CREAMY GREEN TINT QCV, TR CPY+P ₂ +P ₁ + 3cm VEIN (≅ NO MINN)		TR		4.0	5.0			NIL	.15	-	1	52		
				22834 TR WISPY P ₂ +P ₁ , CHECK SAMPLE		TR		5.0	6.5			NIL	.110	-	1	65		
				22835 CHL ALTN W TR DISSD PY, AF QCST' VACA ± 45, TR CPY + P ₂ IN FRAC 15.5m, P ₁ +P ₂ ASSD W QCST', TR CPY + P ₂ BLEBBY		TR		15.0	16.5			.01	.128	-	1	47		
				22836 16cm OPAQUE QCCHL V W SPECKLED WIR ALTN + BLEACHING, TR P ₂ ALONG LCT VN 65 DTCA (S ₂ ?)		TR		22.2	22.6			NIL	.136	-	1	90		
				22837 CHECK SAMPLE, QCST @ VACA, TR P ₂ +P ₁		TR		22.6	24.1			.01	.121	-	1	60		
				22838 CHECK SAMPLE, FRACD 2m W AF QCST'		TR		28.1	29.6			NIL	.152	-	1	36		
				22839 " " " "		TR		29.6	31.1			.02	.107	-	1	47		
				22840 1cm S ₂ OR ROTATED 90° FROM S ₁ (BOTH 20 DTCA) SHEAR? TR P ₁ +P ₂ + DISSD BB PY ALONG // STRUCTURE		TR		36.9	38.0			NIL	.111	-	1	33		
47.0	54.1	7		L CG FELDSPAR PORPHYRY 15-20% GHOSTED BLASTS .5-4mm ROUNDED IN PURPLISH GROUNDMASS, LOCY GREYISH WIR SAMPLE TAKEN CHILLED TO EG UCT & LCT + 1.5' IN														
				A MIN WEAK BLCG ASSD W QCVNLTs AF ST' ± VNLT' < 1%														
				S MASSIVE, CT @ 45 ± 55 (UCT & LCT) AF S ₁ AF S ₂														
				M NONE EVIDENT														

2.20296

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FOOTAGE		ROCK TYPE	DESCRIPTION COLOUR, GRAIN SIZE, TEXTURE, MINERALS, ALTERATION, ETC.	PY %	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS										
FROM	TO				FROM	TO		As	Ag	Cu	Ni	Pb	Zn					
54.1	78.9	2m	L PALE GREEN TO GREY (PALE THAN 2m ABOVE 7), LOKY MG & MASSIVE BUT, FRE- DOMINANTLY QST ALTD, LOKY WKLY LXC															
			A MODY CHLC W 10% S ₀ // QCST' (DOMY S ₀ //) 54.1-59.6 QCST' S ₃ ? WK CHLC W 5% " " 59.6-64.2 + AF QCV' 2% S ₀ // + VACA QCST' AFTER 64.2															
			S S ₀ AS DEFINED BY QCST' 45 DTCA TO 75m, 30 DTCA AFTER AF FRAC', AF S ₁ ST', AF 80 DTCA ST', S ₀ // QCA MAY BE SHEAR RELATED QCST APPEARS dm FOLDED @ 70m															
			M TR P ₁ + P ₀ ASSD AF QCST'															
			22841 10% QCST' S ₀ // IN CHLC 2m, TR PY	TR	54.1	55.6		NIL	.1	112	-	1						107
			22842 10% QCST' + 13" QCV S ₀ //?	TR	58.8	60.3		.01	.1	100	-	1						55
			22843 5% QCST' + AF S ₀ // ? QCV' 1/2 - 5"	TR	60.3	61.8		.01	.1	95	-	1						61
			22844 2% QCST', AF S ₁ , AF IRREG, TR P ₁ + P ₀	TR	75.5	77.0		NIL	.1	126	-	1						109
78.9	99.5	2m/7/8 altd, minid	L MIXED UNIT OF CHLC CC ALTD 2m, SILICIC GREY 7, & MIN MAFK INTRUSIVES. UNITS GENERALLY SIMILAR TO THOSE ABOVE & IN SP.1															
			A -2m WKLY-MODY CHLC, VAR. QCST ALTN (GENERALLY S ₀ //) VUGGY & MIN OXDN @ 97.4, MIN BX @ 93.7m, LARGE QCVLV 82.3-82.8 MANY QCV' HAVE ALTN HALOES OF WEAK CC & STR P ₀ MINN - 7 IS SILICIC, PURPLE TINGE, W MIN CC & QCST ALTN, CT' IRREG - 8 IS RARE UNTIL FOINT, QCALTD, MIN CHL															
			S S ₀ VARIABLE @ 30-45 DTCA AF S ₁ QCST' AF S ₂ @ 45 DTCA RT L TO S ₀ ? LOKY NUM S ₃ (S ₀ //) QCST'															
			* FOLDING (DZAG FOLDING? ALONG ?) 79-82.5 NUM CONTORTED QCVNLTS 86.3m															
			M MINERALIZATION IS WIDESPREAD BUT LOCALIZED. UP TO 10% FG DISSD PY ASSD WITH HALOES ARND QCV', QCV' HOST CHL, P ₀ , MIN P ₂ ; FG PY IN PORPHYRY FG SEAMY PY IN 2M S ₀ // FRAC'															
			22845 NUM ST' & VNITS W ALTN HALOES OF CB & P ₀ , NUM FOLDS (Dm), MINOR B, MINOR BX IRREG 1/2" QCVLV W 50% P ₀ + HALO, CROSSES S ₀ - ALL MINN FRACS & VEINS X CUT STRATIGRAPHY (20-90 DTCA) TR CPY (S ₁ -S ₂)	25	78.9	80.4		.01	.2	106	-	1						110
			22846 2.5" X CUTTING QCHLV VEIN 25 DTCA (S ₁ ?) TR MAG, PY + HALOE FOLDING + MIN CG B, CB P ₀ + P ₁ IN 1" VN	15	80.4	81.9		.01	.3	112	-	1						105
			22847 MIN FOLDING (TR CPY) + 2.5" QCHLV W 5% MASSIVE P ₀ + WEAK HALO	5	81.9	82.6		.02	.1	63	-	1						43
			22848 1" X CUT VEIN W 4" TOTAL HALO (GOOD EXAMPLE) + 5% QC ALTN IN CHLC 2m	TR	82.6	84.1		.02	.2	60	-	1						109

FOOTAGE		ROCK TYPE	DESCRIPTION <small>COLOUR, GRAIN SIZE, TEXTURE, MINERALS, ALTERATION, ETC.</small>	PY %	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS						
FROM	TO				FROM	TO		Ag	Au	Cu	Ni	Pb	Zn	
			22849 PORPHYRY WITH CC FRAC & STIRNERS @ VACA TR PY	TR	84.1	85.4		.01	.1	14	-	1	62	
			22850 CHC 2m WITH ABUN CONTORTED SIL FLOOD VNLTs ? + MIN S ₁ ST' TR P ₂	TR	85.4	86.9		.1	.1	185	-	1	201	
			22851 ≈ TO B50 W TR CRY ASSD W IRREG LOW & ST INT S ₀ // QCST MIN FOLDING, STRUCTURAL DISSRUPTION ASSD.	TR	86.9	87.6		.2	.1	372	-	1	187	
			22852 25cm PORPHYRY + 10cm CREAMY BROWN GREEN ALTN W 20% DO AND MIN CHL, S ₀ //	TR	87.6	88.0		.01	.3	145	-	1	74	
			22853 ABUN QC ALTN IN 2m TR EG DISSD PY IN 2m, TR BLEBBY P ₂ IN ALTN	TR	88.0	89.5		NIL	.1	113	-	1	116	
			22854 TR PY ASSD W ABUN QC & CHL ALTN + FRAC ZONE	TR	89.5	90.4		.06	.2	162	-	1	104	
			22855 SAME AS ABOVE, INTERESTING FOLDING OF QCST'	1	90.4	91.2		.02	.1	111	-	1	132	
			22856 PORPHYRY W TR PY, AF S ₁ , QCST', TR P ₂ + CRY (TOGETHER IN BLEBS)	TR	91.2	92.0		.08	.1	50	-	1	33	
			22857 WUGGY CHC 2m W ABUN S ₀ // QCALTN + MIN OXPN, POSSIBLY SHEARED	TR	92.0	93.5		.01	.1	125	-	1	93	
			22858 LESS ALTD 2m, MIN BX, TR BLEBBY P ₂ + 20cm PORPHYRY (EOINT)	TR	93.5	94.4		.09	.1	106	-	1	132	
			22859 CG, ALTD, B? TR P ₂ MIN QCALTN	TR	94.4	94.8		.05	.1	39	-	1	138	
			22860 SEVERAL S ₀ // QCVNLT' (35 DTCA) W 50% P ₂ IN WIC (ALTN HALO) 50% P ₂ 35% QC 15% CHL ALL EG. P ₂ WEB TEXTURED & SEAMY BLEBBY Ni & PGE	50	94.8	95.3		.05	.1	123	31	1	133	
99.5	160.6	2m	L PALE GREY GREEN FG MAFIC VOLC, LOCAL LIXE, CG INT 77.8 - 103.6m (VCG 101-102m), G 145-155, GENERALLY BLAND A 5-10% S ₀ // QCST ALTN TO 99.5m QCV' HAVE ALTN HALOES, CHL & CB S ₀ @ 30 DTCA? AF S ₁ , VNLT' & ST' W WELL DEVD HALOES, AF W/OUT AF HIGH & VN' & VNLT' NO HALOES TR TOUR + CHL AF 45 DTCA QCCHLVNLTs W HALOES M V LITTLE, TR PY ASSD W QCA, TR P ₂ IN SOME FINE FRAC' A SMALL Q, KSPAR VNLT @ 121.8m 45 DTCA MIN BLOC ASSD W SOME QCVN' 22861 NUM HIGH & QCVNLTs IN WIC ZONE TR PY + KSPAR VNLT A SILD, BLED, HYDROPHOBIC ALTN 131.0 - 134.4 BX @ EOINT, TR SERIAL IN QCALTN CONTAMINATED SAMPLE (BORING GREASE?) 22862 BLED SILD Z+ QCALTN IN PALE GREEN CR/CHL ALTN HOSTS TR SERIAL + TR P ₂ - W/OUT VNLTs 22863 W/OUT BLED SILD Z+ AF ST' 22864 BLED Mq 2m W 10cm BX UNIT 160.6 162.1 7 L FG, V HARD 7 W FORD PORPHYRITIC TEXTURE A AF ST & CC FRAC' S VLT @ 45 DTCA, LCT @ 65 DTCA BOTH SHARP M TR PY THROUGHOUT 22865 TR PY THEN F.G. 7 + BOTH CT'											
			22861 NUM HIGH & QCVNLTs IN WIC ZONE TR PY + KSPAR VNLT	TR	121.3	122.8		NIL	.1	111	-	1	60	
			22862 BLED SILD Z+ QCALTN IN PALE GREEN CR/CHL ALTN HOSTS TR SERIAL + TR P ₂ - W/OUT VNLTs	TR	131.0	132.5		NIL	.1	129	-	1	77	
			22863 W/OUT BLED SILD Z+ AF ST'	TR	132.5	134.0		NIL	.2	137	-	1	53	
			22864 BLED Mq 2m W 10cm BX UNIT	TR	134.0	134.9		.01	.3	134	-	1	37	
160.6	162.1	7	L FG, V HARD 7 W FORD PORPHYRITIC TEXTURE A AF ST & CC FRAC' S VLT @ 45 DTCA, LCT @ 65 DTCA BOTH SHARP M TR PY THROUGHOUT 22865 TR PY THEN F.G. 7 + BOTH CT'	TR	160.6	162.1		.01	.1	51	-	2	127	

FOOTAGE		ROCK TYPE	DESCRIPTION COLOUR; GRAIN SIZE; TEXTURE; MINERALS; ALTERATION; ETC.	PY %	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS							
FROM	TO				FROM	TO		Ag	Cu	Ni	Pb	Zn			
162.1	188.9	2m	L 2m AS ABOVE, CG 169-173.2 (ALLIGATOR SKIN TEXTURE - NON MAGNETIC), 178-187.2 BLACK WELL DEV'D 7 181.2-181.8m, ALTD F-MG 2m 187.3-187.6m, CG 1'												
			A AS ABOVE												
			S ARUN QCALTN 80% 50 DTA 186.3-187.0												
			S AF S ₁ ST', AF S ₂ S S ₂												
			M TR BY ASSD W QGST'												
			22866 60cm BLACK F + 30cm FG 2m ALTD	TR	181.2	182.7	.01	.161	-	-	-	-	-	41	
			22867 ARUN S ₀ QGST' (8%)	-	186.3	187.0	.01	.110	-	-	-	-	-	77	
188.9	197.1	7	L PURPLE CG PORPHYRY, V HARD S ₀ // CT'												
			A AF QGST'												
			S 45 DTA CT' QGST'												
			AE ST' VACA												
			DRAG FOLDING ALONG LCT												
			M TR DB BY LCLY												
			22868 CHECK SAMPLE PURPLE 7			190.0	191.5	NIL	.118	-	-	-	-	48	
192.1	233.0	8	L CG - VCG MAFC INTENSIVES OR POSSIBLY VCG FLOWS, GENERALLY MASSIVE, LCLY WCLY - MODY MAGNETIC												
			A MIN QC ALTN THEN, ASSD CHL, WK BLCG PALE 208-212.5m												
			S GENERALLY MASSIVE ST' ± VNLS OFTEN 45 DTA												
			M TR P ₁ + P ₂ + Cpy												
			22869 TR BLEBBY Cpy IN THICK, IRREG, LATE PALE GREEN CBV, K ALTN ON UCT	TR	195.7	196.7	NIL	.196	-	-	-	-	-	94	
			22870 TR P ₁ + P ₂ ASSD W QCAL ALTN	TR	199.8	201.3	.01	.1129	-	-	-	-	-	80	
			TR P ₁ + P ₂ + Cpy ASSD W QCA, Cpy IN 45 DTA SHARP QCV												
			22871 TR P ₂ + Cpy IN AF QCV' BLEBBY	TR	204.4	206.0	NIL	.1131	-	-	-	-	-	43	
			22872 SLIGHTLY # ALTN (QGST') EOH SAMPLE	TR	231.5	233.0	.01	.1126	-	-	-	-	-	67	
233.0		EOH													

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LEGEND OF ABBREVIATIONS

@	AT	OXD	OXIDIZED
ABUN	ABUNDANT	OXDN	OXIDIZATION
AF	A FEW	PER	PERVASIVE
ALTN	ALTERATION	PGE	PLATINUM GROUP ELEMENTS
AMGR	AMYGDULAR	PIL	PILLOW
AMYG	AMYGDULE	PILD	PILLOWED
ANK	ANKERITE	PO	PYRRHOTITE
ARND	AROUND	PORD	POORLY DEVELOPED
ASSD	ASSOCIATED	PY	PYRITE
AU	GOLD	QC	QUARTZ-CARBONATE
BB	BRIGHT BLEBBY	QCA	QUARTZ-CARBONATE ALTERATION
BLCD	BLEACHED	QCCHL	QUARTZ CHLORITE
BLCHG	BLEACHING	QCV	QUARTZ-CARBONATE VEIN
BRCD	BRECCIATED	RQD	ROCK QUALITY INDEX
BRXN	BRECCIATION	RT	RIGHT
BX	BRECCIA	SAA	SAME AS ABOVE
CC	CALCITIC	SELV	SELVAGE
CG	COARSE GRAINED	SER	SERICITE
CHL	CHLORITE	SERC	SERICITIC
CHLC	CHLORITIC	SHRG	SHEARING
CO3	CARBONATE	SILC	SILICIC
CPY	CHALCOPYRITE	SILD	SILICIFIED
CT	CONTACT	SILN	SILICIFICATION
DB	DIRTY BLEBBY	SM	SMALL
DEVD	DEVELOPED	SPHAL	SPHALERITE
DISSD	DISSEMINATED	ST	STRINGERS
DK	DARK	STGY	STRONGLY
DOM	DOMINANT	STR	STRONG
DOMY	DOMINANTLY	SZ	SHEAR ZONE
DTCA	DEGREES TO CORE AXIS	TEX	TEXTURE
EOH	END OF HOLE	TOUR	TOURMALINE
EOINT	END OF INTERVAL	TR	TRACE
EPI	EPIDOTE	UCT	UPPER CONTACT
ESP	ESPECIALLY	V	VERY
EUH	EUHEDRAL	VACA	VARIOUS ANGLES TO CORE AXIS
Fe	IRON	VAR	VARIOLITE
FG	FINEGRAINED	VARC	VARIOLITIC
FRAC Z	FRACTURE ZONE	VCB	VERY COARSE BLEBBY
FRAC	FRACTURE	VCG	VERY COARSE GRAINED
FRACG	FRACTURING	VN	VEIN
FRAC'D	FRACTURED	VNLTS	VEINLETS
FZ	FAULT ZONE	VOLC	VOLCANIC
GENY	GENERALLY	WH	WHITE
HANG	HIGH ANGLE	WKLY	WEAKLY
HEMC	HEMATITIC	WR	WHOLE ROCK
INT	INTERSECTION	WRA	WHOLE ROCK ANALYSIS
INT	INTERMEDIATE	XCUT	CROSS CUT
IRREG	IRREGULAR	XXX'	PLURAL OF XXX
J	JOINT	//	PARALLEL
K	POTASSIC	e	AT
LANG	LOW ANGLE	⊙	CIRCULAR
LCT	LOWER CONTACT	⊕	PERPENDICULAR
LOCY	LOCALLY	⊥	WITH
LX	LEUCOXENE	≈	AROUND
LXC	LEUCOXENITIC	∠	ANGLE
MAG	MAGNETITE		
MG	MEDIUM GRAINED		
MIN	MINOR		
MIND	MINERALIZED		
MINN	MINERALIZATION		
MM	MILLIMETER		
MOD	MODERATE		
MSV	MASSIVE		
NUM	NUMEROUS		
OVB	OVERBURDEN		

DIAMOND DRILL LOG

DRILLING COMPANY		COLLAR ELEVATION		DIP		BEARING		CLAIM NO.		LOCATION		MAP		HOLE NO.		PAGE NO.	
NOREX										L 2+00N 0+75E				SP. 1. 99		1	
START DATE		COMPLETION DATE		DATE LOGGED		COLLAR		DIP		BEARING		MAP NO.		PROPERTY NAME		COMMENTS	
AUG 26 1999		AUG 27 1999		AUG 27-30 99		80 m		-45°		120°				SPANRIDE		b9 CORE ACID TESTS	
EXPLORATION CO.; OWNER; OPTIONEE		LOGGED BY		TOTAL FOOTAGE													
STARFIRE		BKPOLK		251 m													
FOOTAGE		ROCK TYPE		DESCRIPTION		PY %		SAMPLE FOOTAGE		SAMPLE LENGTH		ASSAYS					
FROM	TO			COLOUR; GRAIN SIZE; TEXTURE; MINERALS; ALTERATION; ETC.				FROM	TO			Ag	Ag	Cu	Ni	Pb	Zn
0	3.9	OVB										g/t	g/t	PPM	PPM	PPM	PPM
4.2	9.8	2m mg rtd mind		L DARK GREEN TO GREEN GREY, MEDIUM GRAINED, MAEIC VOLCANIC FLOW													
				A LOC CHLC ALTN ESP. ASSD W QCVN'													
				WK CC ALTN ESP. ASSD W QCVN'													
				2-3% QCCHLVN' & ST'													
				INCREASING IRRREG QCST' BY EOINT													
				S S ₀ (?) @ 45 DTCA MARKED BY CHL BANDS (POD)													
				AF S ₀ // QCST'													
				NUM QCST' @ 20-25 DTCA ROTD 90 DEGREES FROM S ₀ BUT													
				LOCY CUT BY S ₀ // ST' ∴ S ₂ // S ₀													
				AF ST' RTZ TO S ₀ 65 DTCA S ₂													
				AF ST' @ 0-5 DTCA S ₂ S _{1.5} ?													
				M 2% BLEBBY P ₀ + P ₁ ASSD W QCVN' ± CHLC ALTN... MAY BE ASSD WITH S _{1.5}													
				22753 2% BLEBBY KNOTY P ₀ W MIN P ₁ + 1% DISS P ₀ IN CHLC ALTN		3		4.2 5.2				.02		2.219		- 1 72	
				22754 1% BLEBBY DISSD E-MG P ₀ IN CHLC ALTN (NICKEL?)		1		5.2 6.1				.01		.1143		116 1 66	
				22755 10cm 45 DTCA QCCHLVN POLYPHASE W PINK CB (?) IN VN		1		6.1 6.5				Nil		.1151		- 1 48	
				1% P ₁ ± P ₀													
				22756 CHLC 2m W 1% DISSD P ₀ AF S ₂ VNLS		TR		6.5 8.0				Nil		.1144		- 1 67	
9.8	16.1	2m cg		L C TO VCG DARK GREEN MAEIC VOLC. LOCY LXC, MIN MG INT'													
				LOCY VCG PYROXENE?													
				A LOCY INTENSE CHLC ALTN LOCY VCG													
				LESS ST' CONCENTRATION THAN IN FINER G. ROCKS SURROUNDING													
				S AF S ₂ QCST'													
				AF S ₀ // QCST'													
				M TR-1% P ₁ ASSD W QCST', TR CRY ASSD W SEMI MSV P ₀ @ 16.8m													
				22757 2 <1cm S ₀ ST' W SEAMY P ₁ + CHLC INT' + 1X INT (CHECK)		1		11.0 12.5				.01		3.247		- 1 47	
				22758 10% P ₀ + trapd OVER 10cm 2% OVERALL BLEBBY P ₀		2		16.8 18.3				.01		2.398		- 1 42	

2.20296

RECEIVED

MAY 11 2000

GEOSCIENCE ASSESSMENT OFFICE

EAK




FOOTAGE		ROCK TYPE	DESCRIPTION COLOUR: GRAIN SIZE: TEXTURE: MINERALS: ALTERATION: ETC.	PY %	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS									
FROM	TO				FROM	TO		Au	Ag	Cu	Ni	Pb	Zn				
16.1	40.0	2m	L FINE TO MG GREY GREEN MAEIC VOLC FLOWS														
			A 2-3% FINE, IRREG (S, ?) QCST' PATCHY PERVASIVE HEMC ALTN (PURPLE TINT) 19m - 26m (4?) LOC WEAK TO MODERATE CHLC ALTN														
			S S ₀ PORD 45 NUM QCST, DONY S ₁ , S ₂ LOOKS SHEARED @ 15-20 DIA JOINT														
			M TR BLEBBY PY ASSD W QC BLESS & HEMC ALTN TR TEL. IN VN @ 22.9m														
			22759 TR BLEBBY, & BLEBBY DISSD PY IN HEMC ALTN (CHECK) W ABUN S ₁ QCST'	TR	19.0	19.8		NIL	.1122	-	1						42
			22761 TR BLEBBY P ₀ ASSD W ABUN IRREG QCST' (S ₁ , S ₂) (CHECK)	TR	27.4	28.4		NIL	.1115	-	1						769
			22760 2cm BLUE QTZ VEIN W 1% (VEIN IS DISCONTINUOUS & 30 DIA MULTI-ELEMENT W Te, As, Co, Bi	TR	22.6	23.4		MULTIELEMENT									
40.0	43.8	2m, + ALTD	L WELL LAMINATED (SHEARED?) 2m & POSSIBLY 3, 2+ BASED ON LOCAL GRAIN SIZE VARIATION														
			A STRONG S ₀ // (LAMIN //) QC ALTN FINE // ST' TO 5-10% LOC SUB // TO S ₀ QC SER ALTN IN THICKER (<10cm) BLEBBY BANDS MIN CHLC ALTN LOC (α Q ₁ SIZE) PATCHY PERVASIVE HEMC ALTN, S ₀ //, REDDISH BROWN														
			S WELL DEVD S ₀ @ 45 DIA, NOTE S ₀ ≈ 20 IN INT. ABOVE ODD QCV' @ 42.3-42.5, CA //, MISSING CORE? OUT OF PLACE? AF ST' @ VACA														
			M NONE EVIDENT														
			22762 CHECK SAMPLE, HEMC ALTN, POSSIBLE SHEARING	-	41.0	42.2		NIL	.1103	-	1						46
			22763 ODD QCV TR PY + TR CRY (?) CORE DOESNT MATCH	TR	42.2	42.5		NIL	.189	-	1						33
			22764 CHECK SAMPLE, BLEBBY BANDED QC SER ALTN	-	42.5	43.8		.01	.1345	-	1						46
43.8	56.1	4m	L DISTINCTIVE PURPLE TINGED FELSIC FLOWS, VERY HARD, POSSIBLE FLOW BANDING // CA? END OF INTERVAL (51-56.1) MAY BE ALTD 2m														
			A PERVASIVE MOD. HEMC ALTN YIELDS PURPLE COLOUR ABUN Q ₂ ALTN AS ST' DONY 45 DIA, SOME IRREG, SOME CA // (abundance due to increased competency) LOC COWDED LOOKING ALBITIC ALTN (?) 44-45m MIN CHLC ALTN IN SOME LARGER QCST'														

FOOTAGE		ROCK TYPE	DESCRIPTION COLOUR; GRAIN SIZE; TEXTURE; MINERALS; ALTERATION; ETC.	PY %	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS					
FROM	TO				FROM	TO		As	Ag	Cu	Ni	Pb	Zn
			<p>⊗ S S₀ IS APPARENTLY 45 DTCA, MANY FEATURES THAT LOOK PRIMARY (FLOW BANDING) ARE CA // TO V LOW L, THESE FEATURES ARE ASSD W MINN. UNITS ARE JUKTAPOSED ALONG THESE ORIENTATIONS SEE 45.6 - 48 m. CORE IS CUT FOR VIEWING</p> <p>LOW L STRUCTURES CUT BY 2' DISPLACED BY 45 DTCA FRAC' ± OR ST'</p> <p>M TR CRY ASSD W COWLED ALBITIC ALTN NEAR TOP OF INT. + P₀ STRINGY, BLEBBY P₁ + P₀ LOCY</p> <p>DISSD DB PYRITE ASSD W CA // STRUCTURES, LITHO FEATURES, SEAMS //</p>										
			<p>22765 GT W UNIT ABOVE, COWLED ALBITE 45 DTCA @ 44.5m</p> <p>1% TOTAL SULFIDE, BB P₀, BLEBBY CRY, MINN LOOKS GOOD IN ALBITIC ST'</p>	1	43.8	44.8	NIL	.1	229	-	1	17	
			<p>22766 LOW L FLOW BANDING (?) W 1% DISSD PY LOCY</p>	1	44.8	45.9	NIL	.1	211	-	1	21	
			<p>22767 1% PY + P₀, LOW L STRUCTURE (FELSIC KNOB?), TR SPHAL?</p>	1	45.9	47.2	NIL	.1	192	-	1	31	
			<p>22768 STRONGER HEM ALTN, MINN LOW L STRUCTURE FOLDING?</p>	1	47.2	48.5	NIL	.1	171	-	1	25	
			<p>22769 2% DISSD PY, LOW L STRUCTURE, DISP ALONG S₃, AF CHLC QCST' W</p> <p>1% ASSD PY S₃?</p>	2	48.5	50.0	NIL	.1	162	-	1	30	
			<p>22770 MOTLED, STRUCTURALLY COMPLEX 1% PY + P₀</p>	1	50.0	51.5	.01	.1	118	-	1	34	
			<p>22771 1% CRY + P₀ ASSD W S₃, VNLTs + IRREG VNLT'</p>	1	51.5	53.0	NIL	.1	151	-	1	36	
			<p>22772 TR PY, CRY, P₀ AF LOW L QCST'</p>	tr	53.0	54.5	.01	.1	110	-	1	50	
			<p>22773 LOW L STRUCTURE W TR ASSD PY, LCT W 2m</p>	tr	54.5	56.1	.01	.1	42	-	1	67	
56.1	65.2	2m	<p>L FINER GRAINED 2m INCREASES IN GRAIN SIZE THROUGHOUT THE INTERVAL GRADATIONALLY TO A MORE GARROIC TEXTURE TEXTURE BELOW</p>										
			<p>A MIN QC ALTN AS ST'</p> <p>CC IN AF FRAC'</p>										
			<p>S S₀ 40 DTCA?</p> <p>AF S₃ LOW L QCST' ± VN'</p>										
			<p>M TR P₁ + P₀ LOCY</p>										
			<p>22774 CHECK SAMPLE CG 2m W TR DISSD PY + P₀, 15 DTCA QCVNLT</p>	TR	62.0	63.5	.01	.1	170	-	1	62	
65.2	90.8	8	<p>L DARK GREEN TO BLACK, V CG GABBRIC TEXTURED MAFIC INTRUSIVE (SILCS) W GRADATIONAL CTS... COULD BE GT META... GRANITE?</p> <p>UNIT IS MAGNETIC</p>										
			<p>A ABUN CHLC ALTN FER LOCY</p> <p>SILICA FLOODING? 68.5 - 71 m</p> <p>QC ALTN INCREASES AFTER 75m</p>										
			<p>S AF LOW L QCST</p> <p>GENERALLY MASSIVE</p> <p>AF HIGH L FRAC'</p>										
			<p>M TR P₁ + P₀ LOCY</p>										

FOOTAGE		ROCK TYPE	DESCRIPTION COLOUR: GRAIN SIZE: TEXTURE: MINERALS: ALTERATION: ETC.	PY %	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS				
FROM	TO				FROM	TO		Au	Ag	Cu	Ni	Pb
			22775 CHECK SAMPLE TR PY + Po IN VCG 2m	Ni	TR	65.2	66.7	.01	.131	21	1	65
			22776 " SILICA FLOORING	Ni	TR	68.7	70.2	.01	.163	10	1	42
			22777 " TR CPY	Ni	1	73.0	74.5	NIL	.100	7	1	46
			22778 " TR CPY	Ni	1	74.5	76.0	NIL	.187	8	1	43
			A SNOWFLAKE QC ALTN IN HIGHLY CHLORITED VOLC 79 - 83 (LESS SILICA FLOORING) HOSTS 2 DISCRETE QCV 85 DTCA									
			22779 SNOWFLAKE QC ALTN 3cm 85 DTCA VEIN		TR	80.0	81.5	.01	.183	-	1	52
		*S	22780 9cm BULLISH QCV HOSTS MAGNETITE, CPY, PO, CUI ALL TR - LOW L S. ? MEETS 85 DTCA VEIN, TR CPY ON FRAC WALLS					NIL	.267	-	1	59
			PATKY BLEACHING 83-85, QTZ BLESS, SEIZ? BLUSH QTZ EYES, ROCK IS SOFT & CHLORITIC NUM 45 DTCA VNLS									
			22781 CHECK SAMPLE, BLEACHED 8?		TR	84.5	85.4	.01	.111	-	1	56
			L UNIT DECREASES IN GRAIN SIZE INTERMITTLY AFTER 86m BUT REMAINS GENERALLY COARSE GRAINED & CHLK									
			S DISPLACEMENT ALONG LOW L QC ST' (S.?) 2cm MIN QCV FOLLOWS S ₀ 90-90.8 NEAR LCT, S ₀ WARPED, CT 45 THOUGH									
			M VN HOST 2% BLEBBY P ₀ +P ₁ , WALL ROCK 3% BLEBBY S ₀ ? // PLATED P ₀ (M.A.)									
			22782 CHLK 8, LITTLE QCA TR P ₀ +P ₁		TR	89.0	89.7	.01	.173	-	1	57
			22783 SAME, 2% S ₀ & VN // P ₀ +P ₁ +TR CPY? + 2cm QCV S ₀ ? // 2% FG P ₀		TR	89.7	90.6	.03	.189	-	1	49
			22784 LCT W 3% BLEBBY S ₀ // P ₀ +P ₁ , PLATES TR CPY? (EXACT SAMPLE VN-CT)		3	90.6	90.8	.01	.175	-	1	73
90.8	107	2m	I GENERALLY MG MAEIG VOLCANICS, GREYISH GREEN, MASSIVE, LOCY FG									
			A ABUNDANT QC ALTN AS ST' & VNLS AF DISCRETE QTZ VEINS, AF QCV' WEAK, LOCY STR PER BLEACHING 95-102 (DEPENDANT W QCV')									
			S MOST QCST' & QCV' @ 45 DTCA NUM QCST' @ 70-90 DTCA AF S ₀ LOW L ST'									
			M QCV' & ST' NETWORKS HOST TR PY, LARGE BULLISH VN' MOST ± MAG, PY, PO CPY & POSSIBLE NATIVE Cu(?) IN TR AMOUNTS									
			22785 FTQ MG 2m W MIN QCST' + 5cm S ₀ // VN		TR	90.8	92.0	.01	.190	-	1	54
			22786 CT (QCALTD) W FG UNIT NUM QCST' VACA		TR	92.0	93.5	NIL	.100	-	1	42
			22787 MG 2m W NUM QCST' + 20cm QCCHLV (85 DTCA) + 10cm QCCHLV 60 DTCA		TR	93.5	95.0	.03	.157	-	1	46
			22788 BLEACHED MG 2m 2 BULL QCV' 70 DTCA 3cm, 4cm 50 DTCA S ₀ ? + LOCY INTENSE QC ALTN W TR CPY (SMOKY QTZ ASGN)		TR	95.0	96.5	NIL	.189	-	1	48

FOOTAGE		ROCK TYPE	DESCRIPTION COLOUR; GRAIN SIZE; TEXTURE; MINERALS; ALTERATION; ETC.	PY %	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS					
FROM	TO				FROM	TO		Au	Ag	Cu	Ni	Pb	Zn
			22789 CHECK SAMPLES M-CG WKLY BLCD 2m NUM QCST DDMY S ₂ ?	TR	100.8	101.7		.02	.2	112	-	1	36
			22790 1% COARSE BLEBBY CPY + P ₀ IN 6cm 45 DTCA QCV TR MAG	1	101.7	102.1		.05	.8	1320	-	1	54
107.0	119.8	2m/8	L INTERMEDIATE ROCKS BETWEEN F-MG 2m ABOVE & VCG @ BELOW VARIETY OF GRAIN SIZE, INCREASE THROUGHOUT, WKLY - MODY MAGNETIC										
			A AF QCCHLV' AF QCST WK LOC SERC? ALTN LOC CHLC ALTN										
			S DOM TREND S ₁ 20 DTCA (S ₂ WKLY DEVD 45 DTCA) AF QCV & ST' @ 90 DTCA										
			M LOCALIZED BLEBBY DISSD PY + P ₀ + TR CPY' ESP IN ↑ QC ALTN BLEBBY PY + P ₀ ASSD W QCCHLV										
			22791 1% BLEBBY PY + S ₁ // P ₀ IN CG 8	1	107.9	109.3		NIL	.1	180	-	1	113
			22792 1% PY + P ₀ IN 2m/8? S ₀ @ 0-10 DTCA	1	109.3	110.8		.01	.1	101	-	1	58
			22793 1% PY + P ₀ NUM QCST' @ 45 DTCA	1	110.8	112.3		NIL	.1	115	-	1	62
			22794 IRREG QCCHLV 70 DTCA WKT, 25 LCT, 1% C BLEBBY PY + P ₀ ON LCT	1	112.3	113.1		.01	.1	202	-	1	69
			22795 2cm 90 DTCA BULL QCV, 1% P ₀ + P ₁ ASSD W LOCY INTENSE S ₁ QCA	1	114.8	116.3		.01	.1	106	-	1	114
			22796 3cm " " 2% P ₀ + P ₁ WKLY SERC, STRONG S ₁	2	116.3	117.8		.07	.1	202	-	1	134
			22797 INTENSE S ₁ // QCA NUM ST' AF VNLTs 2% BLEBBY PY + P ₀ THRU	2	117.8	118.4		.08	.1	177	-	1	84
			22798 S ₁ FRAC 8?	TR	118.4	119.8		.01	.1	45	-	1	93
119.8	157.4	8	L GENERALLY CG GABBROIC INTRUSIVE, MAGNETIC (LOOKS DIABASIC LOC) MINOR VARIATION IN GRAIN SIZE OVER METERS										
			A LOC CHLC ALTN OF FRAC' MIN QCST' OFTEN S ₁ 10 DTCA, 0 DTCA ABUN QCCHLV VEINLETS/VN' 152.6m - EOLNT.										
			S GENERALLY MASSIVE WK LINATION 45 DTCA										
			* S ₁ CUTS S ₃ @ 134.5m CA // QCST 140.2-143.0m										
			M TR-1% C BLEBBY P ₀ + CPY ASSD W QCCHLVNLT'										
			22799 CHECK SAMPLE CG 8 TR CB PY, AF QCST'	TR	122.0	123.5		.01	.1	34	-	1	50
			22800 TR DIS DISSD P ₀ + PY IN CG 8 (CHECK)	TR	131.0	132.5		.01	.1	85	-	1	54
			22801 CHECK SAMPLE AF QCST', 3cm 45 DTCA QCVNLT TR CPY	TR	135.5	137.0		.01	.1	111	-	1	58
			22802 " " QCCHLVNLT HOST VC P ₀ BLEB + 1% PY + CPY	TR	137.0	138.5		NIL	.1	68	-	1	67
			22803 CA // QCST CHECK	TR	141.5	143.0		.01	.1	55	-	1	75
			22804 CHECK TR P ₀ + P ₁	TR	145.3	146.8		.01	.1	76	-	1	55
			22805 CHECK TR P ₀ + P ₁ , VCG @, AF QCST' S ₂ ? GRAIN SIZE ↓ EOLNT BLEBBY PY ALONG 45 DTCA ↓ S ₁ ?	TR	149.7	151.2		.01	.1	55	-	1	55

FOOTAGE		ROCK TYPE	DESCRIPTION COLOUR; GRAIN SIZE; TEXTURE; MINERALS; ALTERATION; ETC.	PY %	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS							
FROM	TO				FROM	TO		Al	Ag	Cu	Pb	Zn	Pt	Pb	
			PGE 22806 COARSE GRAINED, AF S ₀ // QCS ^t , TR, BLEBBY P ₀ + CPY	TR	151.2	152.7		Nil	.1	29	1	68	2.005	4.005	
			PGE 22807 COARSE GRAINED B WITH NUM QCVN, S ₀ // & L, TR - 1/2 (AENDVN) P ₀ , P ₀ , CPY	TR	152.7	154.2		.01	.1	81	1	60	2.005	4.005	
			22808 MIXED CG & MG B NUM QCVN (SEE ALTN) 1/2 BLEBBY P ₀ , P ₀ + CPY DDMY ASSD W VEINS (SOME ON BS DTCA FRAC'), .5cm S ₀ // QCS ^t WITH ABUN P ₁ + P ₂ + CPY - FLAKY, BLEBBY (CHECK GOLD ASSAY) + IRREG QC ALTN + S ₀ // VNS OVER 20cm TR CPY, BLEBBY P ₀ & P ₀ P ₁ W CHL	1	154.2	155.0		.03	.4	282	1	65			
			22809 CG B W NUM QCVNLT & VN (SILICACHL FLOODING) DIFFERENT LINEATION WALL & VN	TR	155.0	156.2		.04	.1	63	1	59			
			EQ 755.1  755.3 CHL, SEAMY F.G. DISSD P ₀												
			22810 CG B AF S ₀ , VNLT, AF S ₀ & FRACS SOME W DB/BB P ₁	TR	156.2	157.4		.01	.1	65	1	55			
157.4	162.9	2+/2m	MEDIUM GRAINED, CHL 2m GRADERS QUICKLY INTO WELL LAMP 2+ W HEAVY PY MINN. BELOW THIS, MIXED 2m & FLOWS, LOC CHILL MARGINS (16.16m) LOWER CT QZAP 2m GENERALLY MEDIUM-COARSE GRAINED, SPECIATED LOOKING, NO COARSE P ₁ X A NUM QCVNLTs W OR WOUT CHL & P ₁ P ₀ TUFF IS PALE BROWN SERC AF CG FRAC AT VACA S S ₀ WELL DEVD @ 60 DTCA, AF // VN' MANY HIGH & QCVNLT MIN S ₀ FRAC' M 50% BB P ₁ OVER TUFF INTERVAL, TR-2% DISSD P ₁ & P ₀												
			22811 UCT, MIN CG B 2% P ₁ ASSD W VE. QCVNLT S ₀ //, BLEBBY BRIGHT, TR CPY 2% QCVNLT & ST' 8cm S ₀ // QCVNLT VN NETWORK AT EDINT.	2	157.4	158.0		.08	.1	112	1	63			
			22812 30 cm TUFFACEOUS UNIT, NUM S ₀ // ST' & AENDVN, 50% S ₀ // P ₁ ASSD W QCV F-CG, SEMI-MASSIVE, WISPY SEAMY	50	158.0	158.4		.08	.1	122	1	88			
			22813 P ₁ ASSD W 2+, WAKES	3	158.4	158.9		.01	.1	91	1	106			
			22814 MASSIVE UNIMPRESSIVE CG 2m, CLOTTED CB TEXT	TR	158.9	160.4		Nil	.1	47	1	90			
			22815 1/2 P ₁ + P ₀ , BLEBBY SEAMY QCVNLT (S ₀ //) ASSN, CHILL MARGIN, IRREG LCT	1	160.4	162.9		Nil	.1	144	1	113			
162.9	218.0	B	L GENERALLY CG MAGIC ELW, ALTD & FINER GRAINED (CG) ALONG LCT FOR SEVERAL METERS. UNIT IS MAGNETIC A AT ALTN LOC BLEACHING & AF QCV' Q VACA, VN' CC MIN QCS ^t & AF BULLISH HIGH & VEINS ALTN HALOS & QC VEING NOT BULLISH VEINS L FQ CHL + MG MAG												

FOOTAGE		ROCK TYPE	DESCRIPTION COLOUR; GRAIN SIZE; TEXTURE; MINERALS; ALTERATION; ETC.	PY %	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS						
FROM	TO				FROM	TO		Au	Ag	Cu	Pb	Zn	Pt	Pd
		S	S ₀ NOT EVIDENT AF ALTD ST' 45 DTCA, 20 DTCA AF QCV' BULL 80-85 DTCA 186, 188.8 m, 195.5, 198.5, 199.2											
		M	TR-1% P ₁ +P ₂ ASSD W QCV' (DOMY S ₀) SEAMY, BLEBBY CG & HOSTS TR-1% FINELY DISSEMINATED PY + P ₂ ALONG W ABUN MAGNETITE & TR CPY (NET TEXTURED BUBBLE)											
			22816 TR P ₁ +P ₂ ASSD W QCVUNT' TR PY VFG DISSD (17)	TR	162.9	163.3		NIL	.145					
			22817 AF 30 DTCA FRAC' PY (SEAMY) FILLED NEAR 25 DTCA QCV'	I	163.3	164.6		NIL	.163					
			22818 AF ST' IN M-CG B	TR	164.6	166.0		.02	.161					
			22819 TR CPY + P ₂ ASSD W 25 DTCA OCCULUNLT + TR PY DISSD THRU + 2 DISCRETE 2-4cm QCV' W CHL 75 DTCA, 45 DTCA	TR	166.0	167.3		NIL	.144					
		PGE	22820 CHECK SAMPLE	TR	176.0	177.5		.01	.133					69
		PGE	22821 CHECK SAMPLE	TR	188.0	189.5		.02	.166					94
		L	INCREASED QST ALTN & FINER GRAIN SIZE INTERMIXING AFTER ≈ 206m ABUNDANT BLuish QTZ EYES (?) FLOORING (?) INCREASE TO EDINT											
		S	NUM ST' DOMY 75 & 45 DCA + AF S ₁ AFTER 206m											
			22822 1% BLEBBY PY IN SILICA & OCCULUNLT FLOODE B AF 45 DTCA FRAC'	I	194.5	195.1		.05	.1105					46
		PGE	22823 2 HIGH & QCV' BULL IN CG B	-	197.9	199.4		NIL	.183					70
		PGE	22824 WANING CG TEXT, INCREASED BLUE SILICA, QST ALTN W ASSD D, BB PY	TR	205.0	206.5		.01	.1135					76
			22825 TR P ₁ +P ₂ ASSD W QST' AF S ₁ VMLT' CHECK SAMPLE	TR	209.5	211.0		NIL	.1109					79
		PGE	22826 TR ASSD CB PY IN EXTREMELY CG B, S ₁ FRAC W QST	TR	214.2	215.7		.03	.1101					63
218.0	232.5	B Altd	L COARSE GRAINED B W PALE GREEN - BROWN MASS, V PALE RELATIVELY											
		A	LOCKY CHLC, MATRIX SEIZC? STRONG BROWN SULFIDE? ALTN 224.7 - 228.5... DONT KNOW AF QST' F.G. BIOTITE?											
		MICROSCOPE *												
		S	50 DTCA S ₀ AF S ₁ QST'											
		M	HEAVILY MINO W BROWN MINERAL 5-25%, 1-3% LOC PY + P ₂ BLEBBY, DISSD											
		PGE	22827 PALE CG ALTD B CHECK	-	218.0	219.5		.02	.1160					77
			22828 LOCKY INTENSE S ₀ BROWN MIN, VCG + TR-2% DISSD P ₁ +P ₂	2	224.8	226.3		.02	.1133					83
		PGE	22829 MOST INTENSE BROWN MIN. DEVT UP TO 20 DTCA QCV... WEAK ON DOWNHOLE SIDE OF QCV, ABUN QC. ALTN INCL 5-8cm 12REG CC VMLT (CHECK)	Z	226.4	227.2		.02	.1128					82

DIAMOND DRILL LOG

DRILLING COMPANY		COLLAR ELEVATION	@	DIP	BEARING	@	DIP	BEARING	CLAIM NO.	LOCATION	MAP	HOLE NO.	PAGE NO.						
START DATE	COMPLETION DATE	DATE LOGGED	COLLAR	°	°	m	°	°	MAP NO.	PROPERTY NAME		SP. 1-99	8						
EXPLORATION CO.; OWNER; OPTIONEE	LOGGED BY		m	°	°	m	°	°	TOTAL FOOTAGE					COMMENTS					
			m	°	°	m	°	°											
FOOTAGE		ROCK TYPE	DESCRIPTION							PY	SAMPLE FOOTAGE		SAMPLE	ASSAYS					
FROM	TO		COLOUR; GRAIN SIZE; TEXTURE; MINERALS; ALTERATION; ETC.							%	FROM	TO	LENGTH	Au	Ag	Cu	Pb	Zn	
232.5	238.9	Zp	L DK GREEN, GENERALLY MASSIVE, F-MG MAEIC VOLC' W 2 CHLC SELVAGES 739, 238m PROBABLY PILLOWED; MIN BX (WEAK), MIN PYROCLASTIC UNIT(?) 237-237.1 (TUFE?)																
			A CHLC ALTN OF SELV MIN QGST' VACA																
			S IRREG UCT BRCD LCT (DIKE?) AF QGST' @ 45 DTKA AF @ 25 DTKA S, NUM IRREG FINE ST' VACA 1 1cm VFIN RUNS // TO CA FOR 1.5m, BROAD (30cm) WEAKLY FOLDED CUTS S, S ₂ ?																
			M TR CPY IN CA // QGST, SILVER MIN IN TUFE																
			22830 CA // QGST TR CPY							TR	234.2	235.7		.01	.112				
			MULTI 22831 MAEIC LAPILLI TUFE, FLOW BX? TR PY + TR SILVERY MIN. NON MAG ELEM							TR	236.8	237.4							
238.9	242.0	B?	V PALE G, PORPHYRITIC TEXTURED MAEIC DIKE? V ALTD V CG PYROXENE BLASTS IN VFG PALE GREEN MATRIX, UCT BX, LCT SHARP QCV																
			ABSN QC (ROMY Q) ALTN V PALE, SOFT																
			S 45 DKA? AF 45 DTKA ST' VNUC'																
			M NONE																
			WRA																
242.0	251	3M	L PALE GREEN, MG VOLCANIC, NOT AS MAEIC AS PILLOWS ABOVE A ABSN IRREG WISPY QCALT THRU VACA, MIN OXN (HEM) 242.5 S S ₀ 45, AF S ₁ , AF S ₂ & 90 DTKA ST', MOST IRREG M TR PY + P ₀ ASSD W FRAC' & QGST'																
			22832 TR PY + P ₀ ASSD W FRAC' & QGST							TR	247.5	249.0		.01	.191				
251		EQH																	

~~TR~~

LEGEND OF ABBREVIATIONS

@	AT	OXD	OXIDIZED
ABUN	ABUNDANT	OXDN	OXIDIZATION
AF	A FEW	PER	PERVASIVE
ALTN	ALTERATION	PGE	PLATINUM GROUP ELEMENTS
AMGR	AMYGDULAR	PIL	PILLOW
AMYG	AMYGDULE	PILD	PILLOWED
ANK	ANKERITE	PO	PYRRHOTITE
ARND	AROUND	PORD	POORLY DEVELOPED
ASSD	ASSOCIATED	PY	PYRITE
AU	GOLD	QC	QUARTZ-CARBONATE
BB	BRIGHT BLEBBY	QCA	QUARTZ-CARBONATE
BLCD	BLEACHED		ALTERATION
BLCHG	BLEACHING	QCCHL	QUARTZ CHLORITE
BRCD	BRECCIATED	QCV	QUARTZ-CARBONATE VEIN
BRXN	BRECCIATION	RQD	ROCK QUALITY INDEX
BX	BRECCIA	RT	RIGHT
CC	CALCITIC	SAA	SAME AS ABOVE
CG	COARSE GRAINED	SELV	SELVAGE
CHL	CHLORITE	SER	SERICITE
CHLC	CHLORITIC	SERC	SERICITIC
CO3	CARBONATE	SHRG	SHEARING
CPY	CHALCOPYRITE	SILC	SILICIC
CT	CONTACT	SILD	SILICIFIED
DB	DIRTY BLEBBY	SILN	SILICIFICATION
DEVD	DEVELOPED	SM	SMALL
DISSD	DISSEMINATED	SPHAL	SPHALERITE
DK	DARK	ST	STRINGERS
DOM	DOMINANT	STGY	STRONGLY
DOMY	DOMINANTLY	STR	STRONG
DTCA	DEGREES TO CORE AXIS	SZ	SHEAR ZONE
EOH	END OF HOLE	TEX	TEXTURE
EOINT	END OF INTERVAL	TOUR	TOURMALINE
EPI	EPIDOTE	TR	TRACE
ESP	ESPECIALLY	UCT	UPPER CONTACT
EUH	EUMEDRAL	V	VERY
Fe	IRON	VACA	VARIOUS ANGLES TO CORE AXIS
FG	FINEGRAINED	VAR	VARIOLITE
FRAC Z	FRACTURE ZONE	VARC	VARIOLITIC
FRAC	FRACTURE	VCB	VERY COARSE BLEBBY
FRACG	FRACTURING	VCG	VERY COARSE GRAINED
FRAC'D	FRACTURED	VN	VEIN
FZ	FAULT ZONE	VNLTs	VEINLETS
GENY	GENERALLY	VOLC	VOLCANIC
HANG	HIGH ANGLE	WH	WHITE
HEMC	HEMATITIC	WKLY	WEAKLY
INT	INTERSECTION	WR	WHOLE ROCK
INT	INTERMEDIATE	WRA	WHOLE ROCK ANALYSIS
IRREG	IRREGULAR	XCUT	CROSS CUT
J	JOINT	XXX'	PLURAL OF XXX
K	POTASSIC	//	PARALLEL
LANG	LOW ANGLE	e	AT
LCT	LOWER CONTACT	o	CIRCULAR
LOCY	LOCALLY	⊥	PERPENDICULAR
LX	LEUCOXENE	W	WITH
LXC	LEUCOXENITIC	≈	AROUND
MAG	MAGNETITE	∠	ANGLE
MG	MEDIUM GRAINED		
MIN	MINOR		
MIND	MINERALIZED		
MINN	MINERALIZATION		
MM	MILLIMETER		
MOD	MODERATE		
MSV	MASSIVE		
NUM	NUMEROUS		
OVB	OVERBURDEN		



Declaration of Assessment Work Performed on Mining Land

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

Transaction Number (office use) Wood 06228 Assessment Files Research Imaging



42A03SW2002 2.20296 BEEMER 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 contact the Ministry of Northern Development 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.

2.20296

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

Form for recorded holder(s) with fields for Name, Address, Client Number, Telephone Number, and Fax Number. Includes entry for STARFIRE MINERALS INC.

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, Total \$ Value of Work Claimed (\$36,300), NTS Reference, Mining Division (Porcupine), Resident Geologist (Timmins).

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)

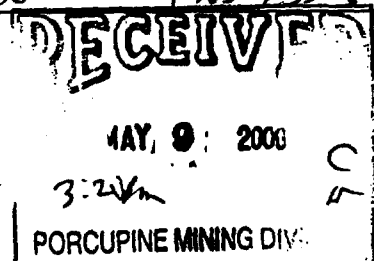
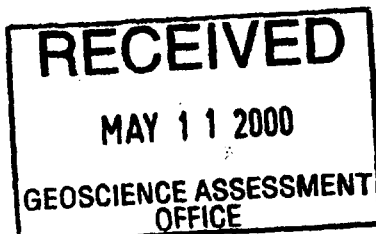
Form for person or companies who prepared the technical report. Includes entries for POLK GEOLOGICAL SERVICES and M.C. EXPLORATION SERVICES INC.

4. Certification by Recorded Holder or Agent

I, MIKE CARON, 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: AGENT. Date: APRIL 26/2000. Agent's Address: P.O. BOX 362 PORCUPINE, ONT P0N-1C0. Telephone Number: 705-235-8660. Fax Number: 705-235-8038.

0241 (03/97)



#1639

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.

W0060.00228

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 at a future date
eg TB 7827	16 ha	\$28,825	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 P 1236593	16	\$18,825 ⁰⁰	\$ 6400 ⁰⁰	12425 ⁰⁰	0
2 P 1236594	9	0	\$3600 ⁰⁰	0	0
3 P 1236595	12	\$17,475 ⁰⁰	\$9600 ⁰⁰	3175 ⁰⁰	4700 ⁰⁰
4 P 1236596	15	0	\$6000 ⁰⁰	0	0
5 P 1236591	12	0	\$4800 ⁰⁰	0	0
6 P 1236592	3	0	\$1200 ⁰⁰	0	0
7					
8					
9					
10					
11					
12					
13					
14					
15					
Column Totals	67	\$36,300	\$31,600 ⁰⁰	\$15,600 ⁰⁰	4700 ⁰⁰

I, MIKE CARON (Print Full Name), 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: APRIL 26 / 2000

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):

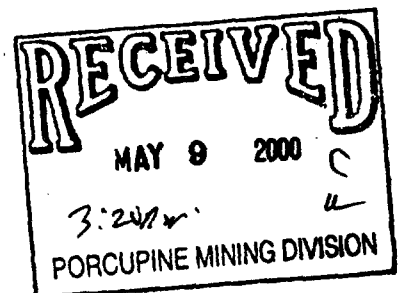
Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

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)	

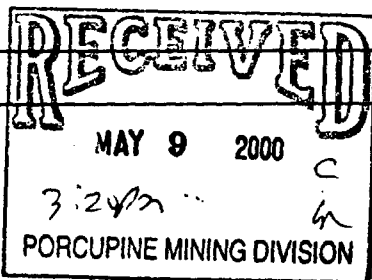
0241 (03/97)

2.20296



Personal information collected on this form is obtained under the authority of subsection 6 (1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, this information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of work Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
DIAMOND DRILLING (ALL COSTS INCL.)	484 METERS	\$75 ⁰⁰ /METER	\$36,300 ⁰⁰
Associated Costs (e.g. supplies, mobilization and demobilization).			
Transportation Costs			
Food and Lodging Costs			
Total Value of Assessment Work			\$36,300 ⁰⁰



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 x 0.50 = Total \$ value of worked claimed.

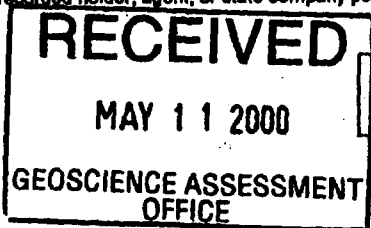
Note:

- 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, MIKE CARON (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying

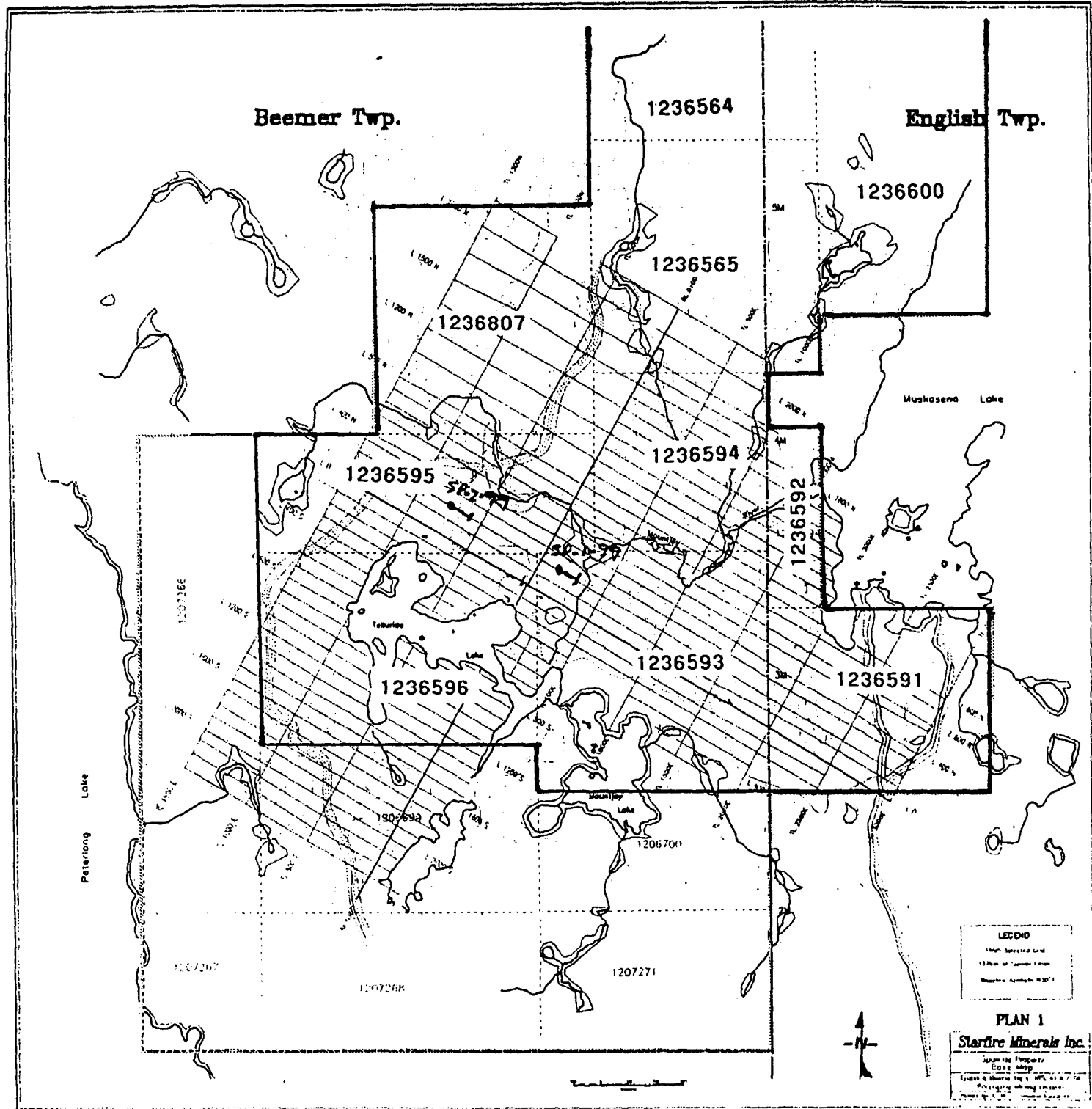
Declaration of Work form as AGENT I am authorized to make this certification.
(recorded holder, agent, or state company position with signing authority)



Signature: [Signature] Date: April 26/2000

RECEIVED
 MAY 9 2000
 3:29 PM
 PORCUPINE MINING DIVISION

RECEIVED
 MAY 11 2000
 GEOSCIENCE ASSESSMENT
 OFFICE



220

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

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

May 24, 2000

STARFIRE MINERALS INC.
BOX 10
11TH FLOOR, 808 WEST HASTINGS STREET
VANCOUVER, B.C.
V6C-2X4

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

Dear Sir or Madam:

Submission Number: 2.20296

Status

Subject: Transaction Number(s): W0060.00228 Approval

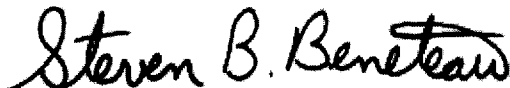
We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. **WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.**

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

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

If you have any questions regarding this correspondence, please contact BRUCE GATES by e-mail at bruce.gates@ndm.gov.on.ca or by telephone at (705) 670-5856.

Yours sincerely,



ORIGINAL SIGNED BY
Steve B. Beneteau
Acting Supervisor, Geoscience Assessment Office
Mining Lands Section

Work Report Assessment Results

Submission Number: 2.20296

Date Correspondence Sent: May 24, 2000

Assessor: BRUCE GATES

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W0060.00228	1236593	BEEMER	Approval	May 23, 2000

Section:
16 Drilling PDRILL

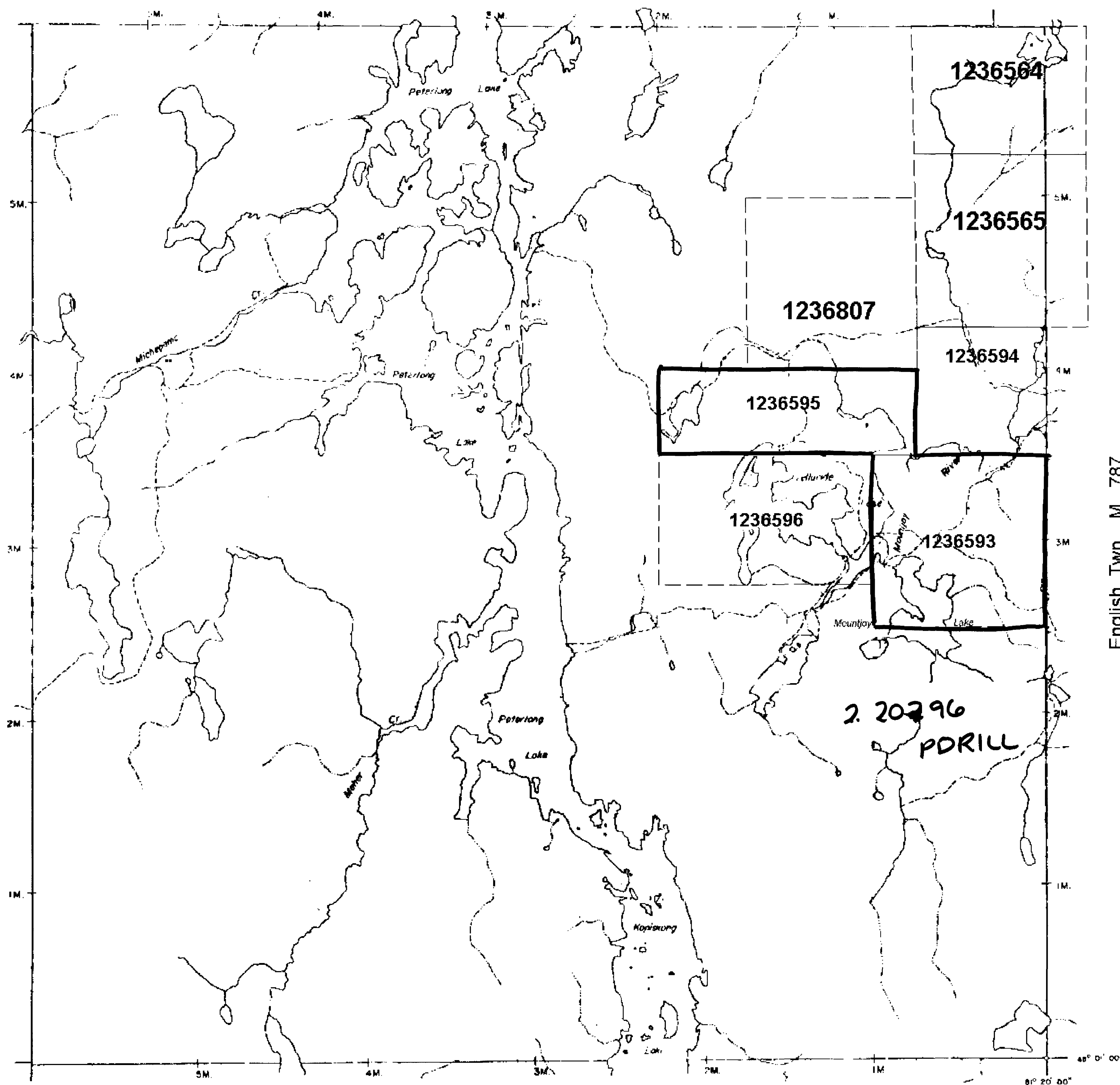
Correspondence to:
Resident Geologist
South Porcupine, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):
Mike Caron
PORCUPINE, ONTARIO

STARFIRE MINERALS INC.
VANCOUVER, B.C.

Musgrove Twp. M. 304



Hassard Twp. M. 921

English Twp. M. 787

Moher Twp. M. 868

THE TOWNSHIP OF
OF

BEEMER

DISTRICT OF
SUDBURY

PORCUPINE
MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

LEGEND

PATENTED LAND	⊕
CROWN LAND SALE	C.S.
LEASES	Ⓢ
LOCATED LAND	Loc.
LICENSE OF OCCUPATION	L.O.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
ROADS	—
IMPROVED ROADS	—
KING'S HIGHWAYS	—
RAILWAYS	—
POWER LINES	—
MARSH OR MUSKEG	—
MINES	Ⓚ
CANCELLED	Ⓚ
LAND USE PERMIT	*

NOTES

400' Surface Rights Reservation around all lakes and rivers

Flooding Rights in Peterlong and Kapiakong lakes assigned to HEPC, LO 7191
File No. 862 Vol. 4

F1 THIS TWP. SUBJECT TO FOREST ACTIVITY IN 1994/95
FURTHER INFORMATION ON FILE. 1995/96

Placed in active file July 30, 1987

PLAN NO. **M. 656**

DEPARTMENT OF MINES

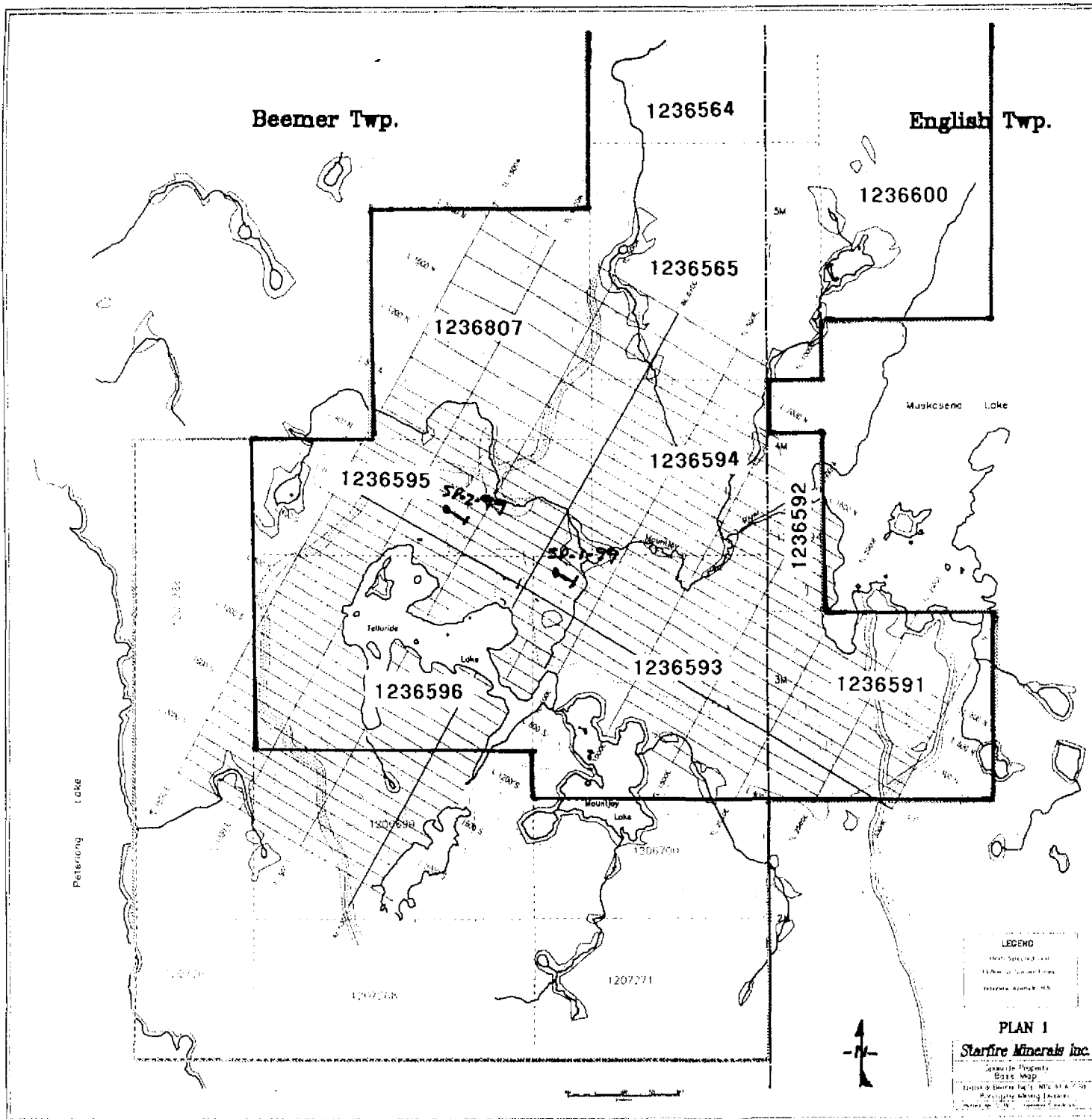
— ONTARIO —

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.





42A03SW2002 2.20296 BEEMER 210



LEGEND
 Hatched Symbol
 1/4 Acre or Larger Lots
 1/2 Acre or Larger Lots

PLAN 1
Starfire Minerals Inc.
 Starfire Property
 Beemer Twp.
 Township of Beemer, Municipality of Beemer
 Municipality of Beemer
 Beemer, Saskatchewan

CLAIM 1207467

1236595

SP. 2.99
DIP -45°
AZI 120°
EOM 133m

SP. 1.99
DIP -45°
AZI 120°
EOM 151m

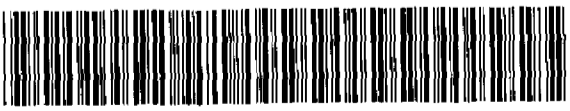
CLAIM 1207469

1236593

Telluride
Lake

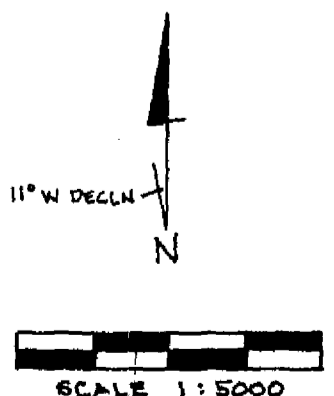
1236596

~~1207466~~



42A03SW2002 2.20296 BREMER

220

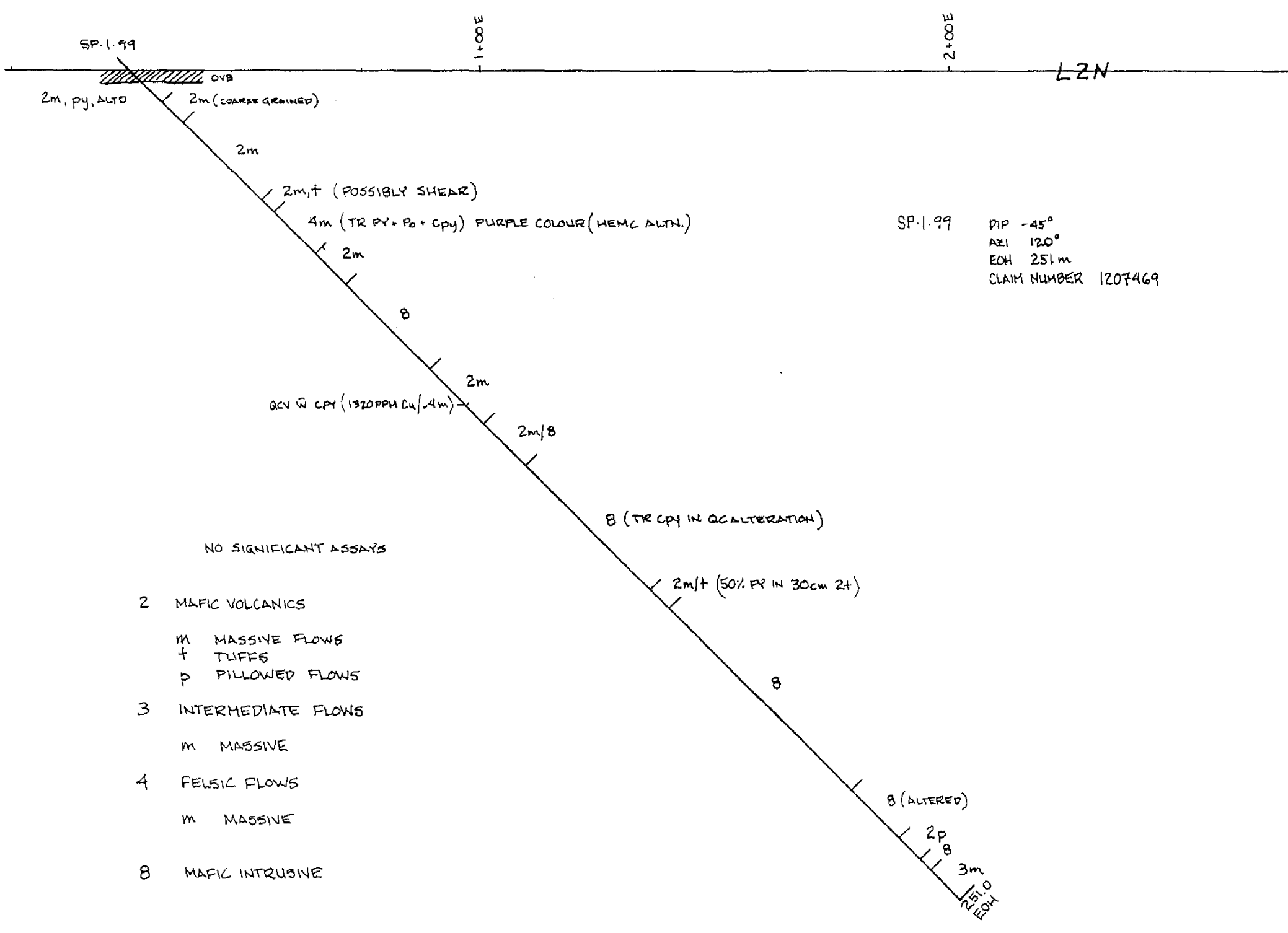


DDH PLAN

STARFIRE MINERALS INC.

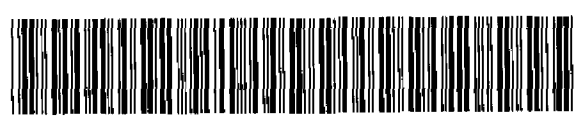
SPANRIDE PROPERTY OCT. 28, 1999

Drawn: Polk Geological Services



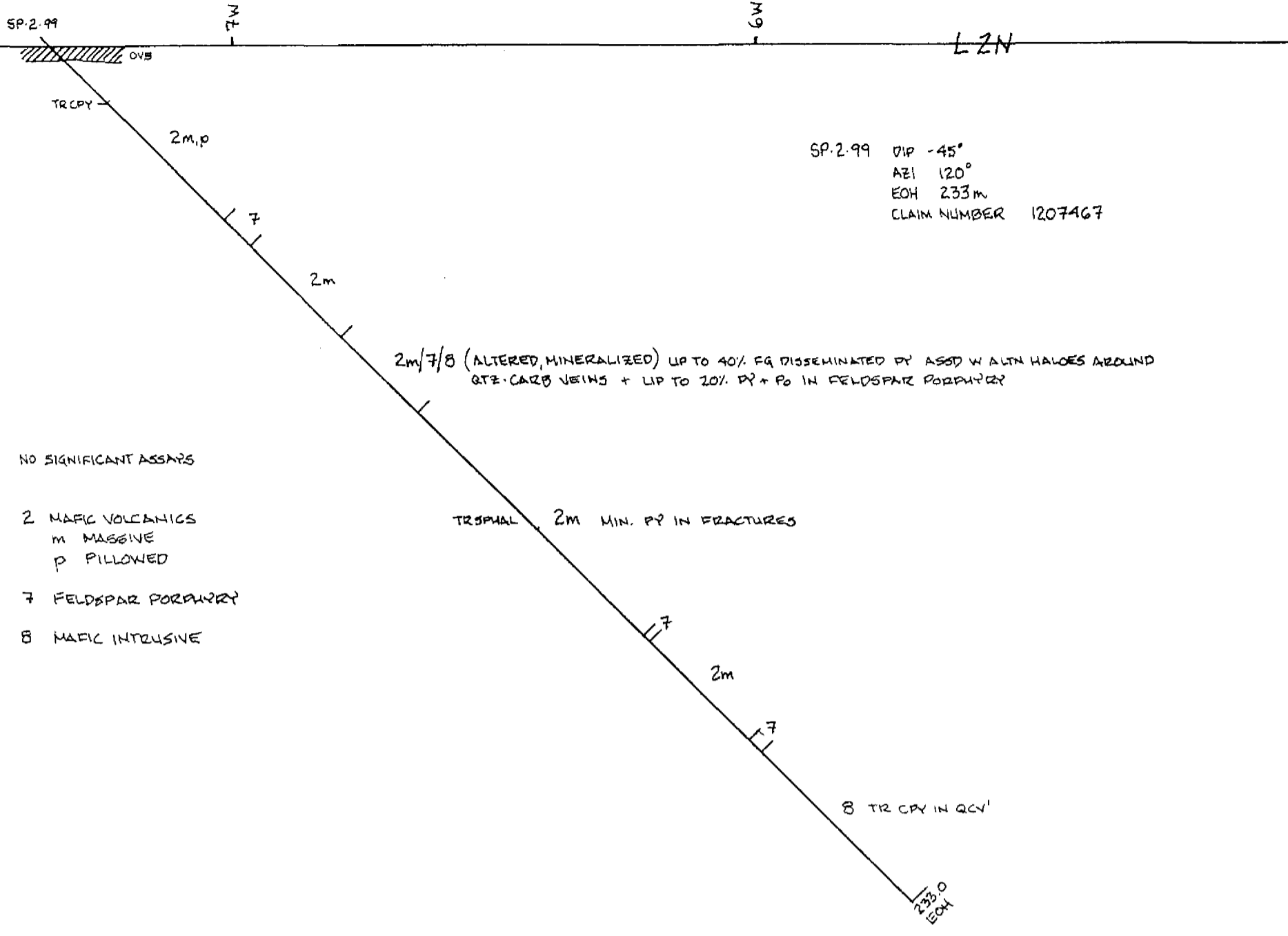
SP.1.99
 DIP -45°
 AZI 120°
 EOH 251m
 CLAIM NUMBER 1207469

- NO SIGNIFICANT ASSAYS
- 2 MAFIC VOLCANICS
 - M MASSIVE FLOWS
 - t TUFFS
 - P PILLOWED FLOWS
 - 3 INTERMEDIATE FLOWS
 - M MASSIVE
 - 4 FELSIC FLOWS
 - M MASSIVE
 - 8 MAFIC INTRUSIVE



42A03SW2002 2.20296 BEEMER 230

PA SECTION SP.1.99
 STARFIRE MINERALS INC.
 SPANRIDE PROPERTY OCT 28, 1999
 DRAWN: POLK GEOLOGICAL SERVICES
 SCALE: 1:1000



SP.2.99 DIP -45°
 AZI 120°
 EOH 233m
 CLAIM NUMBER 1207467

NO SIGNIFICANT ASSAYS

2 MAFIC VOLCANICS
 m MASSIVE
 p PILLOWED

7 FELDSPAR PORPHYRY

8 MAFIC INTRUSIVE

2m/7/8 (ALTERED, MINERALIZED) UP TO 40% FG DISSEMINATED BY ASSD W ALTH HALOES AROUND QZ-CARB VEINS + UP TO 20% PY + PO IN FELDSPAR PORPHYRY

TRSPHAL 2m MIN. PY IN FRACTURES

8 TRCPY IN QZ'

233.0
 EOH

VIA SECTION SP.2.99

STARFIRE MINERALS INC.

SPANRIDE PROPERTY OCT 28, 1999

DRAWN: POLK GEOLOGICAL SERVICES

SCALE: 1:1000



42A03SW2002 2.20296 BEEMER 240