

0155**20039 21 DENYES**

DIAMOND UNILLING

TOWNSHIP: DENYES TWP.

REPORT NO: 21

WORK PERFORMED FOR: Can-Mac Exploration Ltd.

RECORDED HOLDER: SAME AS ABOVE (xx)

: OTHER ()

CLAIM NO.	HOLE NO.	FOOTAGE	<u>DATE</u>	NOTE
932502 &	TL-88-7 TL-88-8	310' 446'	Aug/88 Aug/88	(1)(2) (1)(2)
932505	TL-88- q	384 '	Aug/88	(1)(2)

NOTES: (1) # W8906.542, filed Jan/90 (2) Holes comparable to OMEP submission CM88-5-L-173, Jun/91

Reference. DDH TL88-9 ç Q × 回来1-932502 -Claim Bst Carbonati 120/-30 R.E.C. Picket ĸ no: ba Observed Chalcopyrite Breccia : Quartz-Carbonale greenisiugny, tign chloritized bonatised (limonific carb tting) schist + 6/d carbonate (limonific) + silicification with remm wall rock; +/ Ry,+/- Cp Carbonate versiets e fragments with sub-angular wallwock Main #2 Veinz Quartapproximite boundary 65/80W + few others # 50424 47× 21 × 20 owdea greenish -grey, Old Diamond Drill Hole casing Cer Can-Mac Explin. Ltd. drill hole white play inclase TIELINE 25 ponatived y medium 11 , |-2 MM 1:0 M L2W 2+255 367/4d? - 1:3N いたい greenish, sericite-H-strengly foliated, schistose, serieitic, claritic timeration with sheared Langrophyre dyre (49) ストロップ CROSS ž 4 byd - Less Poliated to mor massive. Limonific, chlerilic, scricitic some plagioclase planecrysti visible. 2% Irrequier Qz-Gub Verning, cross-cutting foliation 4 b/d - Loss foliated to mercimisive. t bld? - Play incluse phenos & locally in a chloritic, carbonitized rock with disseminded -ISCAL Wide @ 080/Fint \$ 170/Etup Ehleritic, sericitic y planining durant Same Carbonale veinlets 50.50% wide E 010-080/704, 184/2010, 114/2014 td - sericitic, chlorific, curb, line whe, to Silie 10 5 TRENCH 1+935 Carb. (limenitic) a tew limonitic ×111 2-10% アーク・ファ 60-175/00 feliation (Not Washed) -4642 -O 090/JON pamilel veinles sien. IIO 8 dyv. (49) Hed. green sere Nerence Line 145/80E, 45E ; 1:1:1 Qui Carlo VIII ō grey with a few 1 b? - F.gr, Cere. · Polistien Bar 2 SCHL CARE Serve lite veinlets chlori'i 202 k へんと -Soy. ir: ĩ E L 932505 4 (#S AEIN) "I+25 M HONBAT . 7 2 Rubble H O 4 6 0 7 5 WL - 62.0 ÷. 7 Ę 1+358 i 2+535 12+25



DIAMOND DRILL RECORD

FOR CAN-MAC EXPLORATION LTD.

BY GEOLOGICAL ENGINEERING SERVICES, NORTH BAY, ONTARIO.

TOPBOOT LAKE PROJECT, SWAYZE TOWNSHIP - # 2 VEIN AREA

HOLE NUMBER: T.L.-88-7

LOCATION: 0+87 W / 2+02 S 932502

LENGTH OF HOLE: 94.52 METRES (310 FEET)

AZIMUTH: 246 DEGREES

DIP: - 47 DEGREES

STARTED: AUG. 3, 1988

FINISHED: AUG. 4, 1988

LOGGED BY: FRANK TAGLIAMONTE WITH MODIFICATIONS BY ROBIN GOAD

CONTRACTOR: LES ENTERPRISES JACQUES ROUSSEAU, ROUYN, QUEREC.

CORE SIZE: BQ

DIP TESTS: 94.5 M (310 FEET) = -45 Degrees

****NOTE**: CASING LEFT IN HOLE**

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			Au PPB	Ag PPM
SAMPLES:	TL-88-7-1	55.2-56.7 M	10	NĪL
	TL-88-7-2	56.7-58.2 M	10	NIL
	TL-88-7-3	60.6-61.3 M	10	NIL
	TL-88-7-4	61.3-62.8 M	30	NIL
	TL-88-7-5	62.8-64.2 M	1500/1700	0.5
	TL-88-7-6	64.2-65.7 M	170	NIL
	TL-88-7-7	65.7-67.2 M	140	NIL
	TL-88-7-8	68.6-70.1 M	150	NIL
	TL-88-7-9	70.1-71.5 M	80	NIL
	TL-88-7-10	77.0-77.7 M	NIL	NIL
	TL-88-7-11	77.7-78.0 M	20	NIL
	TL-88-7-12	78.0-78.6 M	NIL	NIL
	TL-88-7-13	82.3-82.6 M	NTT.	NTT.



ASSESSMENT FILES

OFFICE

DEC 1 2 (989)

RECEIVED

METERAGE DESCRIPTION

0-0.9 M CASING

0.9-62.2 M TOPBOOT LAKE PORPHYRY INTRUSION OR TUFF 0.9-42.7 M ALTERED FELDSPAR PORPHYRY OR TUFF Fine-grained, granular, gray rock with a random series of beige to weakly pink, fine-grained, siliceous fragments or heterogenous alteration and bleaching. These siliceous fragments or patches of alteration are 1 cm to 35 cm in size but most are 5 to 20 cm and give the rock a "leopard skin-like" appearance. Local areas contain angular pearlywhite plagioclase phenocrysts. A vague foliation is recognized at 25 degrees to the core axis (C.A.). Random low angle fractures from 15 to 20 degrees to the C.A. and high angle fractures from 45 to 55 degrees to the C.A. **<u>*NOTE*</u>** The surface expression of these rocks are intensely sheared, plagioclase porphyritic and altered. It occurs north of the feldspar porphyry intrusion hosting the Derraugh Vein. It is not known for certain if these rocks are deformed and altered areas of the intrusion or related tuffaceous rocks.

42.7-62.2 M QUARTZ-CARBONATE BRECCIA ALTERATION ZONE Variably coloured, fractured, brecciated and hydrothermally altered rock comprised of siliceous, beige coloured areas and carbonatized, sericitic and chloritic areas. The rock has a fragmental appearance as previously described. Numerous thin, sinuous guartz (gtz) and carbonate (carb) veinlets, filaments and patches and chertlike siliceous and chloritic fractures. Qtz and carb locally comprise 30 % of the rock.

> 42.5 M Fault or slip @ 30 degrees to the C.A. with limonitic staining up to 15 cm either side. Thin sandy gouge and silica deposition on the slip face.

> 41.4 M Fault or slip @ 24 degrees to the C.A. with a thin black coating on the slip face with slickensides.

> 43.1-53.6 M Homogenous rock comprised of a pale green chloritic groundmass with creamy-white qtz specks and random veinlets. This rock may be an altered lamprophyre dyke.

> 53.6-62.6 25 % creamy-white qtz-carb fragments, sinuous stringers and filaments in a pale yellowbeige groundmass. Thin hair-like, dull-black, earthy filaments throughout. Occasional laths of dark green mica. Sparsely disseminated (diss) fine cubic pyrite (py), typically less than 0.1 %. Occasional wispy, gray, siliceous seams with fine py.

62.2-64.2 M

2 VEIN ZONE

> 80 % creamy-milk-white gtz-carb healed breccia with laths and hair-like seams of pale yellow sericite. "Crushed Zone" with subsequent gtz-carb emplacement. Sparse areas with very fine-grained py in rare random, gray, siliceous streaks or threads.

64.2-94.5 M TOPBOOT LAKE PORPHYRY INTRUSION OR TUFF

64.2-94.5 M QUARTZ-CARBONATE BRECCIA ALTERATION ZONE

Generally as previously described but with local variations as noted. 65.8 M 25 cm wide zone of very fine py in thin sinuous, grey, siliceous seams. 66.7-68.3 M Finely fragmented, vaguely foliated, pale yellow sericite saturated zone. Foliation @ 35 degrees to the C.A. 69.8 M Fine beads of chalcopyrite (cpy) and fine grains of py in a 3 cm milky-white gtz fragment. 69.8-84.1 M Random losely diss dark green mica flakes or laths. Some fine-grained py (0.5 %). pale-yellow, massive sericitic Siliceous, groundmass. 5 % random veinlets and filaments of pearly-white qtz. Random but notable hair-like filaments of a dull-black, earthy material usually associated with siliceous threads. 77.7 M 15 cm crushed, qtz stringer @ 18 degrees to the C.A. 2 mm black, earthy, graphitic seam along one margin. 82.4 M 10 cm zone with networks of black, earthy, siliceous material with an apparant gtz thread

veinlet association. 84.1-91.7 M Gradational contacts to pink tinted, weakly foliated, hard, siliceous and porphyritic zone. Loosely distributed, unsorted, pearly-white feldspar phenocrysts less than 3 mm in size. Vague fragmental appearance and subtely foliated @ 35 degrees to the C.A.

91.7-94.5 M Pink tinted, vaguely foliated, weakly sericitic beige alteration zone. Foliation @ 30 degrees to the C.A.

93.3 M Limonitic stained faults @ 20 degrees to the C.A. Blocky core.

94.5 M Probable fault zone @ 28 degrees to the C.A. Limonitic staining adjacent to slip @ 28 degrees to the C.A.

94.5 M 310 FEET END OF HOLE



AMOND DRILL RECORD

FOR CAN-MAC EXPLORATION LTD.

BY GEOLOGICAL ENGINEERING SERVICES, NORTH BAY, ONTARIO.

TOPBOOT LAKE PROJECT, SWAYZE TOWNSHIP - # 2 VEIN AREA

HOLE NUMBER: T.L.-88-8

LOCATION: 0+87 W / 2+02 S 932502

LENGTH OF HOLE: 136.0 METRES (446 FEET)

AZIMUTH: 246 DEGREES

DIP: - 60 DEGREES

STARTED: AUG. 4, 1988

FINISHED: AUG. 5, 1988



LOGGED BY: FRANK TAGLIAMONTE WITH MODIFICATIONS BY ROBIN GOAD CONTRACTOR: LES ENTERPRISES JACQUES ROUSSEAU, ROUYN, QUEBEC.

CORE SIZE: BQ

DIP TESTS: 136 M (446 FEET) = - 56 DEGREES

****NOTE**: CASING LEFT IN HOLE**

		4	Au PPB	Ag PPM
SAMPLES:	TL-88-8-1	110.0-111.6 M	NIL	NIL
	TL-88-8-2	111.6-113.1 M	40	NIL
	TL-88-8-3	113.1-114.6 M	20	NIL
	TL-88-8-4	114.6-115.2 M	20	0.2
	TL-88-8-5	117.6-118.3 M	50	NIL
	TL-88-8-6	118.3-119.8 M	150	NIL
	TL-88-8-7	119.8-120.5 M	230/260	NIL
	TL-88-8-8	120.5-121.9 M	100	NIL
	TL-88-8-9	121.9-123.3 M	20	0.3

METERAGE DESCRIPTION

0-0.9 M CASING

0.9-118.3 M 0.9-53.0 M TOPBOOT LAKE PORPHYRY INTRUSION OR TUFF ALTERED FELDSPAR PORPHYRY OR TUFF Fine-grained, granular, gray rock with a random series of beige to weakly pink, fine-grained, siliceous fragments or heterogenous alteration and bleaching. These siliceous fragments or patches of alteration are 3 mm to 15 cm in size but most are 5 to 10 cm and give the rock a "leopard skin-like" appearance. Local areas contain angular pearlywhite plagioclase phenocrysts. A vague foliation is recognized at 35 degrees to the core axis (C.A.). Random, thin, dull-blacck, hairline seams

associated with pearly-white quartz (qtz)carbonate (carb) veinlets, generally conformable with the foliation. <u>*NOTE*</u> The surface expression of these rocks are intensely sheared, plagioclase porphyritic and altered. It occurs north of the feldspar porphyry intrusion hosting the Derraugh Vein. It is not known for certain if these rocks are deformed and altered areas of the intrusion or related tuffaceous rocks.

21.2 M 7.5 cm wide, rusty coloured qtz-carb stringer @ 50 degrees to the C.A.

22.5 M 20 cm lamprophyre dyke @ 40 degrees to the C.A.

29.3-30.5 M Pink, siliceous, granular fragment or alteration. Sharp contacts @ 40 degrees to the C.A.

31.1-32.3 M Same as above.

34.4-35.0 M Series of limonitic, stained fractures @ 45 degrees to the C.A.

35.4 M 30 cm zone with a series of thin, black, hair-like seams @ 55 degrees to the C.A. 35.4-53.0 M 10 series as above.

53.0-118.3 M SILICEOUS ALTERATION ZONE

Pink to pinkish-beige, siliceous, hard, aphanitic, massive to foliated alteration zone. Rock comprised of quartz +/alkali feldspar and carbonate with local sericitic, chloritic and more carbonatized areas. The rock has local zones of distinct to faint plagioclase phenocrysts with gradational contacts. The phenocrysts occur in areas with less intense alteration or in areas with a less feldspar destructive, siliceous (only, ie no carbonate) alteration. Numerous (10 %), vague, filaform, pearly-white gtz and carb veins, veinlets patches. Random series of 3 % thin, hairline and 2 mm black threads, generally

conformable but locally cross-cutting the foliation. Vague foliation and fracturing @ 45 degrees to the C.A. 58.5 M Fault zone @ 25 degrees to the C.A. with 0.5 cm plating of dull-black, earthy material and dull, pearly gtz limonitic staining up to 15 cm either side. 80.2-100.3 M Zone of distinct, less altered feldspar porphyry comprised of a uniform distribution of pearly-white plagioclase phenocrysts in a fine-grained, pink stained, siliceous groundmass. Occasional fine gtz and carb veinlets and irregular masses. Random, hair-like, sericitic threads and 1 to 2 cm chloritic patches. Random, dull-black, earthy threads. Foliation typically @ 55 degrees to the C.A. Appears to be vaguely crushed. Gradational contacts. 100.3-118.3 M Pale-lemon coloured, vaquely brecciated and filaform qtz stockwork zone. Fine granular, 20 %, milky-white gtz stockwork. Random patches and threads of pale yellow sericite. Occasional triangular laths of dull and bright green mica. Random, dull-black threads. Random,

118.3-121.9 M # 2 VEIN ZONE

Massive and fragmented milk-white qtz in a pale yellow sericitic matrix. Local dirty gray qtz filaments. Random kinked black threads. 118.3-119.8 M 95 % pearly-white qtz with no obvious sulphides. 119.8-121.9 M Unsorted but generally fragmented, 50 % pearly-white qtz fragments in a pale-yellow sericitic groundmass. Sparse very fine py in dirty gray, siliceous threads (< 0.10 % py).

sinuous, dirty-gray, siliceous threads with fine

121.9-135.9 M TOPBOOT LAKE PORPHYRY INTRUSION OR TUFF

granular py (0.25 %).

121.9-132.3 M SILICEOUS ALTERATION ZONE Predominantly hematitic, pink, massive, finegranular, very hard, siliceous, altered rock. laced with threads of pearly-white quartz. 121.9-124.7 M 25 Lemon coloured, fine granular sericitic zone

132.3-135.9 M ALTERED DIORITE Fine-grained, gray, granular, foliated diorite with trianglar and irregular dark green chloritic patches (possibly chlorite pseudomorphing hornblende phenocrysts). Random, 0.5 cm gtz veinlets @ 65 degrees to the C.A.

135.9 M (446 FEET) END OF HOLE



DIAMOND DRILL RECORD

FOR CAN-MAC EXPLORATION LTD.

BY GEOLOGICAL ENGINEERING SERVICES, NORTH BAY, ONTARIO.

TOPBOOT LAKE PROJECT # 2 VEIN AREA

HOLE NUMBER: T.L.-88-9

LOCATION: 0+71.5 W / 1+83 S 932505 (as per speech)

LENGTH OF HOLE: 87.2 METRES (286 FEET) DEEPENED TO 117.0 M (384 FEET).

AZIMUTH: 255 DEGREES

DIP: - 45.5 DEGREES

STARTED: AUG. 5, 1988

FINISHED: AUG. 6, 1988

CONTINUATION OF THE HOLE: OCT., 1988

LOGGED BY: FRANK TAGLIAMONTE WITH MODIFICATIONS BY ROBIN GOAD

CONTRACTOR: LES ENTERPRISES JACQUES ROUSSEAU, ROUYN, QUEBEC.

CORE SIZE: BQ

DIP TESTS: 87.2 M (286 FEET) = - 45 DEGREES

****NOTE**: CASING LEFT IN HOLE**

		AU FFD	AY FFR
TL-88-9-1	17.4-18.1 M	30/30	NĪL
TL-88-9-2	18.1-20.1 M	10	NIL
TL-88-9-3	20.1-20.6 M	10 ·	NIL
TL-88-9-4	20.6-21.3 M	20	NIL
TL-88-9-5	21.3-21.6 M	NIL	NIL
TL-88-9-6	27.1-28.2 M	NIL	NIL
TL-88-9-7	39.9-40.4 M	NIL	0.2
TL-88-9-8	41.7-43.3 M	10	0.3
TL-88-9-9	43.3-44.8 M	10	NIL
TL-88-9-10	60.9-62.6 M	200/160	NIL
TL-88-9-11	62.6-63.9 M	120	NIL
TL-88-9-12	63.9-65.4 M	140	NIL
TL-88-9-13	65.4-66.7 M	20	NIL
TL-88-9-14	66.7-68.1 M	40	NIL
TL-88-9-15	68.1-69.6 M	150/200	NIL
TL-88-9-16	75.6-77.1 M	NIL	NIL
TL-88-9-17	78.3-79.4 M	50	0.3
TL-88-9-18	91.4-93.0 M	150	NIL
	TL-88-9-1 TL-88-9-2 TL-88-9-3 TL-88-9-4 TL-88-9-6 TL-88-9-6 TL-88-9-7 TL-88-9-7 TL-88-9-10 TL-88-9-10 TL-88-9-10 TL-88-9-12 TL-88-9-13 TL-88-9-13 TL-88-9-14 TL-88-9-16 TL-88-9-17 TL-88-9-18	TL-88-9-1 $17.4-18.1$ M $TL-88-9-2$ $18.1-20.1$ M $TL-88-9-3$ $20.1-20.6$ M $TL-88-9-4$ $20.6-21.3$ M $TL-88-9-5$ $21.3-21.6$ M $TL-88-9-6$ $27.1-28.2$ M $TL-88-9-7$ $39.9-40.4$ M $TL-88-9-8$ $41.7-43.3$ M $TL-88-9-9$ $43.3-44.8$ M $TL-88-9-10$ $60.9-62.6$ M $TL-88-9-12$ $63.9-65.4$ M $TL-88-9-13$ $65.4-66.7$ M $TL-88-9-14$ $66.7-68.1$ M $TL-88-9-15$ $68.1-69.6$ M $TL-88-9-16$ $75.6-77.1$ M $TL-88-9-17$ $78.3-79.4$ M $TL-88-9-18$ $91.4-93.0$ M	TL-88-9-1 $17.4-18.1$ M $30/30$ TL-88-9-2 $18.1-20.1$ M 10 TL-88-9-3 $20.1-20.6$ M 10 TL-88-9-4 $20.6-21.3$ M 20 TL-88-9-5 $21.3-21.6$ MNILTL-88-9-6 $27.1-28.2$ MNILTL-88-9-7 $39.9-40.4$ MNILTL-88-9-8 $41.7-43.3$ M 10 TL-88-9-9 $43.3-44.8$ M 10 TL-88-9-10 $60.9-62.6$ M $200/160$ TL-88-9-11 $62.6-63.9$ M 120 TL-88-9-12 $63.9-65.4$ M 140 TL-88-9-13 $65.4-66.7$ M 20 TL-88-9-14 $66.7-68.1$ M 40 TL-88-9-15 $68.1-69.6$ M $150/200$ TL-88-9-16 $75.6-77.1$ MNILTL-88-9-17 $78.3-79.4$ M 50 TL-88-9-18 $91.4-93.0$ M 150



SAMPLES CONTINUED:

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TL-88-9-19	93.0-94.5 M	30	NIL
TL-88-9-20	94.5-95.9 M	110	0.2
TL-88-9-21	95.9-97.2 M	70	0.4
TL-88-9-22	97.2-98.7 M	230/150	0.5
TL-88-9-23	98.7-100.3 M	30	0.2

rare very fine-grained py. Rare random1 to 2 mm bright green mica flakes.

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0-1.5 M CASING

1.5-60.6 M 1.5-17.5 M TOPBOOT LAKE PORPHYRY INTRUSION OR TUFF CHLORITE-CARBONATE ALTERATION ZONE Fine-grained, gray/green rock with pearly-gray fragments or patches of heterogenous alteration 2 mm to 3 cm in size. Weakly but noteably foliated @ 30 degrees to the core axis (C.A.). Fine sericitic threads throughout. 5 %, 2 to 5 mm, creamy-white, kinked, cross-cutting, sinuous guartz (gtz) veinlets throughout. Random fractures, some with limonitic staining @ 25 and 45 degrees to the C.A. 8.8 M 30 cm zone of fractures with limonitic staining @ 25 and 45 degrees to the C.A. Water seam.

17.5-24.7 M ALTERED FELDSPAR PORPHYRY OR TUFF Intermixed zone of pink tinted, fine-grained rock with pearly-white plagioclase phenocrysts with fragments or patches of heterogenous creamy-beige, siliceous alteration. Random, sub-angular, dark and bright green patches between 0.5 and 1 cm in These patches are beleived to be either size. chloritic xenoliths or fragments. Random 2 mm qtzcarbonate (carb) veinlets. Rare random contorted and fragmented qtz stringers. Vague foliation @ 20 degrees to the (C.A.). Low angle fractures @ 20 degrees to the C.A. and high angle fractures @ 50 degrees to the C.A. **<u>*NOTE*</u>** The surface expression of these rocks are intensely sheared, plagioclase porphyritic and altered. They occur north of the feldspar porphyry intrusion hosting the Derraugh Vein. It is not known for certain if these rocks are deformed and altered areas of the intrusion or related tuffaceous rocks. 17.5 M Creamy-white, sinuous and kinked 0.5 cm qtz veinlet cross-cutting the contact. 18.0 M 10 cm fragmented qtz-carb stringer zone @

35 degrees to the C.A. 20.7 M 3 cm mechanically broken qtz stringer with fine pyrite (py) and chalcopyrite (cpy). 21.6-24.7 M Pink-tinted plagioclase porphyritic

rock.

23.2 M Fault or fracture @ 35 degrees to the C.A.

24.7-28.5 M SILICEOUS ALTERATION ZONE Pale-beige to pinkish-beige, cryptocrystalline, siliceous rock with a vague foliation. Local less altered areas with a discernable porphyritic texture. 2 %, thin, cross-cutting gtz threads with rare very fine-grained py. Rare random1 to 2 mm bright green mica flakes. 27.3 M 3 mm qtz veinlet with very fine py and cpy. 27.4 M 3 cm qtz stringer @ 25 degrees to the C.A. 27.9 M 8 cm kinked and contorted qtz stringer zone with very fine-grained py

CHLORITE-CARBONATE ALTERATION ZONE 28.5-40.8 M Generally as described above with the following qualifications. 28.5-35.7 M As above but with random, kinked gtzcarb veinlets. Vaguely foliated @ 20 degrees to the C.A. and laced with thin sericitic seams. areas 35.7-40.8 Local with M discernable plagioclase phenocrysts up to 60 cm wide. Dark gray-black lapilli-like groundmass with local thin gtz-carb veinlets and threads. 40.2 M Thin, hair-like, siliceous, seams with fine py and cpy associated with pearly-white qtz stringers.

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40.8-46.6 M WEAKLY ALTERED FELDSPAR PORPHYRY Fine-grained, granular rock with 2 to 3 mm plagioclase phenocrysts with hairline networks of sericite. Vague foliation. 3 % random pearly-white qtz-carb threads and veinlets. Random series of kinked, fragmented and sinuous pearly-white qtz veinlets with dirty gray, siliceous threads, usually carrying fine py and cpy. Random and irregular laths of dull green mica. 42.1 M 15 cm zone with "horse tail", pearly-white, qtz impregnated with 2 mm dirty gray siliceous seams with fine granular py and cpy.

43.3 M 5 cm zone with 2 mm, pearly-white qtz networks cut by dirty ygray siliceous seams with fine py and the odd grain of cpy.

43.6 M 2 mm dirty gray siliceous thread with fine PY.

44.2 M 2 Same as above cutting a kinked 5 mm, pearly-white gtz stringer containing fine granular py and cpy.

45.8-46.6 M Gray/green fine fragment or xenolith with sharp contacts.

46.6-60.6

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SILICEOUS ALTERATION ZONE

Beige to pinkish-beige, cryptocrystalline, siliceous rock, vaguely crushed, and locally sericitic and carbonatized. Laced with pearlywhite qtz threadsand veinlets. Local qtz breccia. Random dark green and bright green mica flakes. Random hair-like black threads. Principle fracture direction is 48 degrees to the C.A. Local variations as noted.

46.6-56.7 M Pale-creamy colour, siliceous. Laced with pearly-white qtz threads and veinlets $(5 \).$ 56.7-60.6 M Qtz stringer zone comprised 10 % of a random series of 0.5 to 4 cm wide qtz stringers. Vague foliation. Saturated with sericite.

- 60.6-65.7 M # 2 VEIN ZONE > 60 % creamy-milk-white qtz stockwork with lesser silicified and sericitic fragments of the country rock.
- 65.7-117.0 M TOPBOOT LAKE PORPHYRY INTRUSION OR TUFF

65.7-117.0 M SILICEOUS ALTERATION ZONE

Generally as previously described but with local variations as noted.

65.7-66.0 M Silicified zone with diss fine py.

65.7-87.2 M 20 %, mainly thread-like and 3 mm wide, sinuous, cross-cutting, pearly-white qtz stringers in a fine, granular and vaguely foliated, siliceous groundmass. Qtz-carb breccia and stockwork. Multiple series of hair-like, black (tourmaline?) threads throughout. Random fine green mica flakes. Sparse py and rare cpy. 91.7-100.3 M Random series of pale-pink, siliceous

bands cut by dirty gray and black, siliceous seams with 1 %, very fine diss py. Microbrecciated "crackel breccia", comprised of 10 % random, milky-white qtz-carb threads and < 3 mm veinlet stockworks.

100.3-111.6 M Pale-yellow, fine, granular, quartzite-like alteration. Laced with qtz-carb threadsand veinlets (5 % qtz-carb). Random pale and dark green mica flakes. Random gray-black threads.

109.4 M Fault zone with gouge @ 30 degrees to the C.A. with limonitic $\overset{>}{\rightarrow}$ staining - possible water seam.

110.0-117.0 M Zone of pale-pink, fine, granular, siliceous alteration. Laced with qtz veinlet stockworks. 10 % qtz veinlets and threads.

111.6 M shearing and 5 mm qtz stringers @ 30 degrees to the C.A. Local black tourmaline? along the shear plane.

114.6 M Slip @ 20 degrees to the C.A. 115.2 M Slip @ 15 degrees to the C.A.

117.0 M (384) FEET END OF HOLE



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Box 1118, Hil	debrandt St	t., Barry'	s Bay	, ON	KOJ IBODE	NYEST	12P-
Summary of Work Perform	nance and Distribut	tion of Credits	<u></u>		(j
Total Work Days Cr. claimed	/ Mining	Cleim W	ork	Mining Claim	Work Mining	Claim Work	\mathcal{V}
9029 461.1					Cars C. Franx	Number Cers Ci.	1
work, (Check one only)	266	<u>s "Schequi</u>	<u>e (</u>	attached	RECORD	ED- -	4
Manual Work							4
Shaft Sinking Drifting (×						
Other Lateral Work.					JUNEO 2 19	989]
Power driven or mechanical equip.							1
Power Stripping						╶╴┈╂╂╼╌╸	4
Diamond or other Core					Marci sta		4
				л. Л.			1
Land Survey				15 Lite			
All the work was performed	on Mining Claim(s):	932196.	32502	. 932503 . 9	32505]
Bequired Information en:	type of equipmen	t Names Addre		See Table Below)			J
Diamond Drill	er: Les l	ntreprise	es Jac	ques Roussea	<u>บ</u>		1
	Rouyr	-Noranda	Queb	ec			1
DDH#TL88-1:	256 ft	July 26-2	27/88				1
DDH#TL88-2:	294 ft	" 27-2	8/88	.VK			}
DDH#TL88-3:	255 ft	" 28-2	9/88	济	4059 days		
	326 ft	" 29-3	0/88	~	1911.11 - 28	AT.I. Nove ce.	
DDH#TL88-6:	236.7ft	Aug 1-2	1788 788		11017 - 90	- IT ISON AIL	
DDH#TL88-7:	310 ft	" 3-4/	88	······································	- merei	ALCIN	
DDH#TL88-8:	446 ft	" 4-5/	88			· · · · · C.[]]]]
DDH#TL88-9:	384 ft	" 5-6/	88			, w	
DUH#1188~10	:250 TT	Sept 28-2	(9/88 (n/88		JUN 2	1989	1
DDH#TL88-12	:304 ft	" 30-0	ov oo Oct 1/3	88 j let			ł
DDH#TL88-13	:352 ft	Oct 1-2/8	8		11.	/	1
				RECE			
4	,058.7 ft.					•	
				Date of Report	Recorded Hold	er or Noonil (Signature)	
				May 26/8			1
Certification Verifying Rep	port of Work						J
I hereby certify that I have or witnessed same during a	a personal and intima nd/or after its comple	te knowledge of the	e facts set (ed report is	orth in the Report of W	ork annexed hereto, having	g performed the work	1
Name and Postal Address of P	erson Certifying						-
John C. Hilde	brandt	_			()	0.01	
				Date Certified	Cartified by 15	geaterel	1
BOX 388, Barr	y's Bay, U	KOJ IE	30	May 26/89	1/200	XXIV	l
Table of Information/Atta	coments required	by the Mining R	ecorder	· · · · · · · · · · · · · · · · · · ·			1
Type of Work	Specific in	formation per type	, 	Other information (Co	mmon to 2 or more types)	Attachments	1
Manual Work		A1 "1				1	1
Shaft Sinking, Drifting or other Lateral Work				Names and addresses (of men who performed d equipment, together	Work Sketch: these	
				with dates and hours	of employment.	the location and	
mechanical equip.	I Yps of equipment					extent of work in relation to the	Ì
· · · · · · · · · · · · · · · · · · ·	Type of equipment	and amount exper	ded.			nearest claim post.	Į
pingر	within 30 days of r	ar cost must be sul scording.	mitted	Names and addresses of tonether with dates with	of owner or operator	!	

SCHEDULE	" A "	
1		

laim #

1311.2 days

DENYES

866469 - 9. 866471 - 54 931819 - 74 820 - 74 821 - 74 932197 - 10-198 - 64 199 - 74 200 - 34 932501 - 70. 502 - 10 932505 - 10 506 · Ø 507 - 44 508 - 74 509 - 74 510 - 10.2

650.2 days.

1,961.4 days Total