

84-#152 - 12093  
3

DIAMOND DRILLING

ASSESSMENT REPORT

on the

TOP PROPERTY

(TOP & BOTTOM CLAIMS)

MCINTYRE LAKE

VERNON MINING DIVISION, B.C.  
**GEOLOGICAL BRANCH**  
**ASSESSMENT REPORT**

NTS: 82L/2E  
Latitude: 50°04' North  
Longitude: 118°33' West  
Owner: Brican Resources Ltd.  
Consultant: K.L. Daughtry & Associates Ltd.  
Author: K.L. Daughtry  
Date: March 8, 1984

12,093

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INTRODUCTION

During July and August, 1983, Brican Resources Ltd. carried out a diamond drill programme on the TOP property in the Monashee Pass area of the Vernon Mining Division B.C.

The programme was designed to test showings of gold and silver mineralization which had been explored by surface techniques in previous years. A total of 323.7 metres of drilling was completed in 8 holes.

The writer supervised all aspects of the drill programme and logged all core.

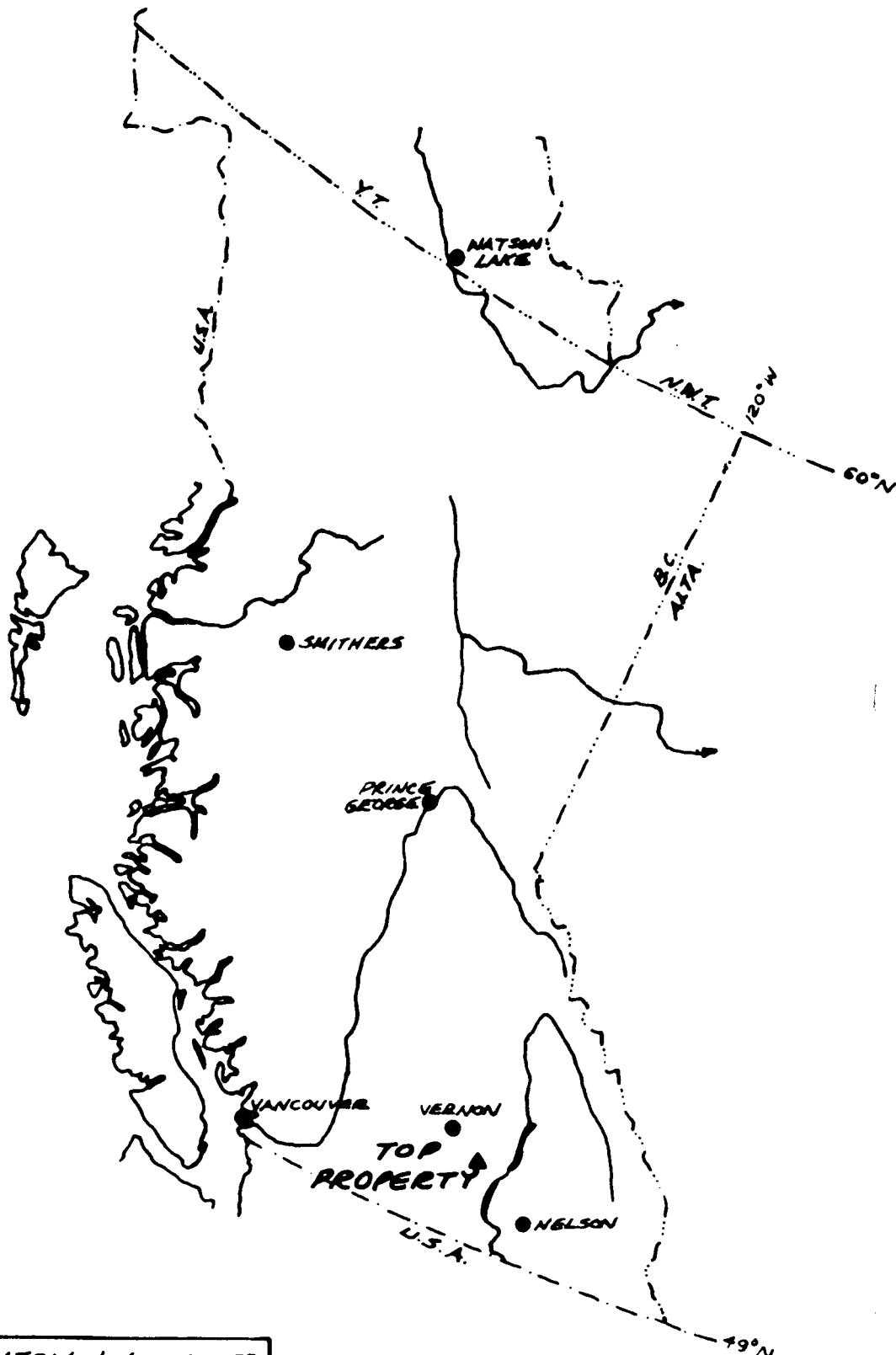
LOCATION, ACCESS, TOPOGRAPHY

The TOP property is in the Monashee Mountains, 4 km southwest of Monashee Pass and astride McIntyre Creek and Highway 6 (Figure 2), in the Vernon Mining Division.

The National Topographic System map reference is 82L/2E and the co-ordinates of the showings are  $50^{\circ}04.3'$  North and  $118^{\circ}32.8'$  West.

Elevations on the property in the area of the drill programme range from 1150 m at McIntyre Creek to 1260 m on the bench above the trenched area. The topography has a moderate to steep southeast slope down to McIntyre Creek which is in a narrow 100 m to 200 m wide valley.

Good access is provided by Highway 6 from Vernon, a distance of 80 km to the west. The community of Cherryville is 30 km towards Vernon on Highway 6.



K.L. DAUGHTRY & ASSOC. LTD	
BRICAN RESOURCES LTD	
LOCATION MAP	
TOP PROPERTY	
MARCH, 1984	FIG. NO. 1

PROPERTY

At the time of the diamond drilling, the property consisted of twenty 2-post mineral claims (Figure 2) as described in the following table.

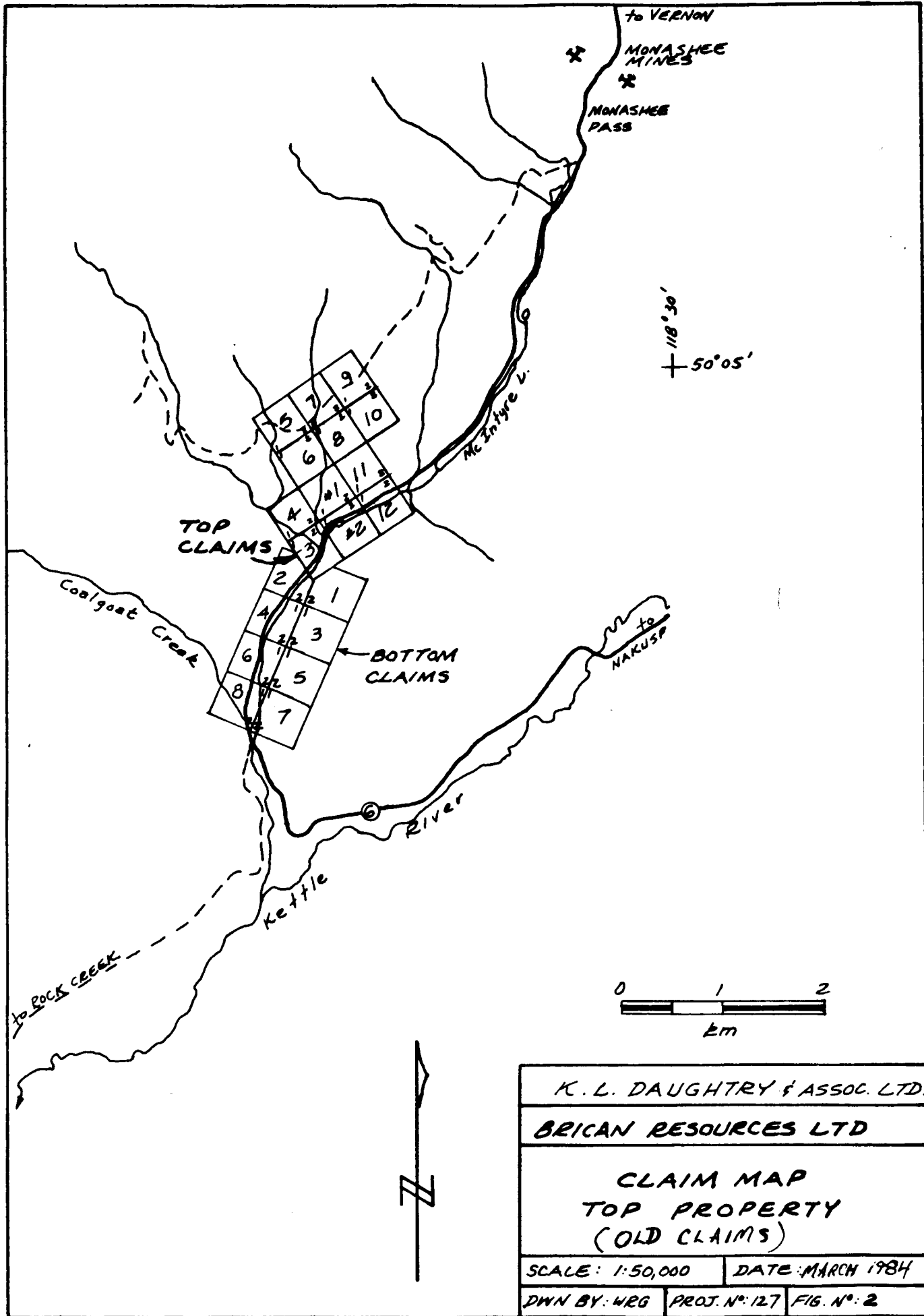
<u>Claim Name</u>	<u>Record No.</u>	<u>Expiry Date</u>	<u>Registered Owner</u>
Top#1 - Top#2	412 - 413	March 23, 1986	Brican Resources Ltd.
Top 5 - Top 6	934 - 935	October 10, 1985	Brican Resources Ltd.
Top 3 - Top 4	932 - 933	October 10, 1986	Brican Resources Ltd.
Top 7 - Top 12	936 - 941	October 10, 1986	Brican Resources Ltd.
Bottom 1-Bottom 8	1197 -1204	February 15, 1985	J. M. Graham

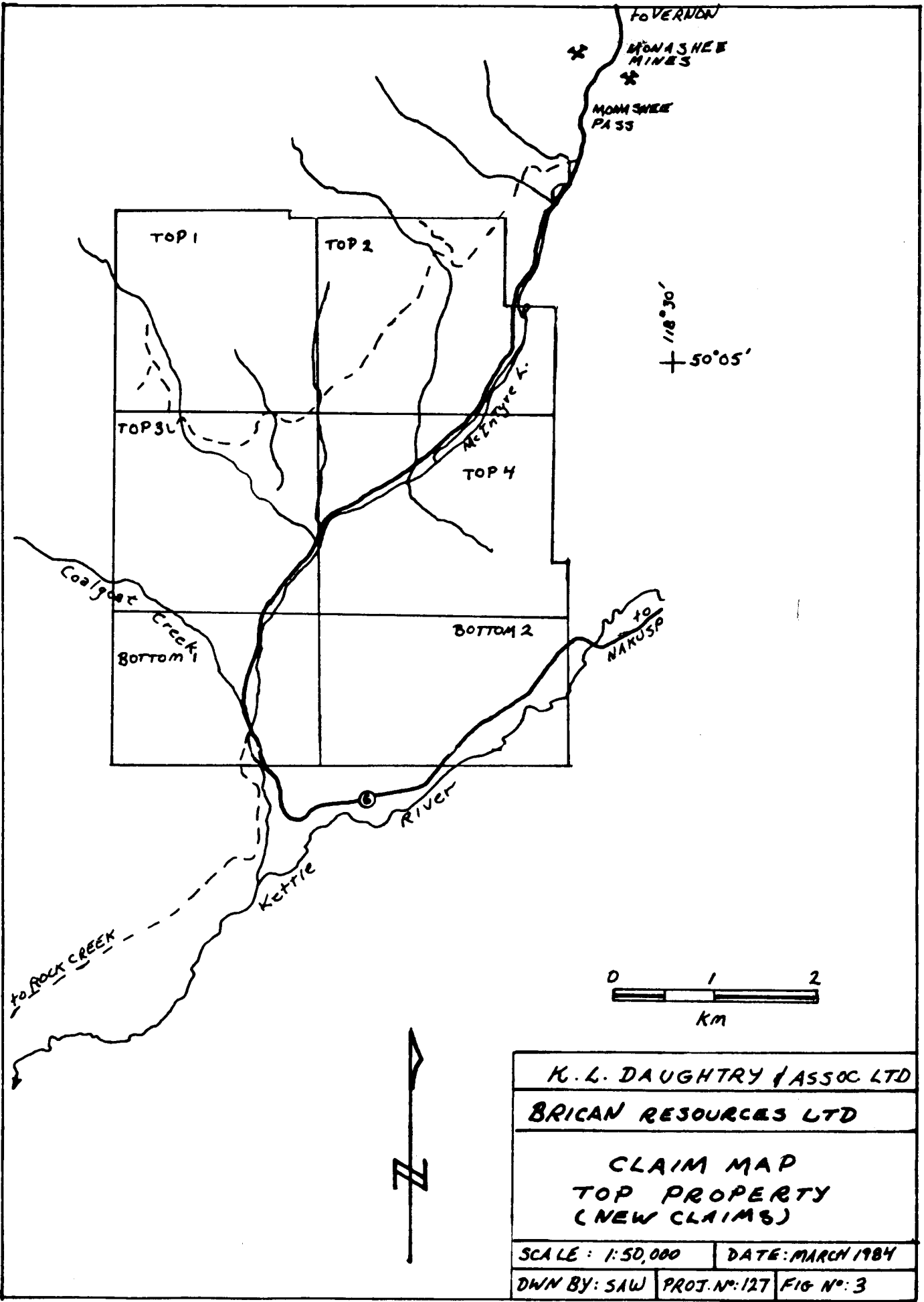
The above claims were grouped as the TOP group. The expiry dates shown are correct with respect to the above claims prior to their abandonment and relocation.

On August 11, 1983 the above claims were abandoned, subject to Section 28 of the Mineral Act, and relocated as the TOP 1 to 4 and BOTTOM 1 and 2 claims under the modified grid system.

<u>Claim Name</u>	<u>Units</u>	<u>Record No.</u>	<u>Expiry Date</u>	<u>Registered Owner</u>
Top 1	16	1563	August 17, 1984	Brican Resources Ltd.
Top 2	20	1564	August 17, 1984	Brican Resources Ltd.
Top 3	16	1565	August 17, 1984	Brican Resources Ltd.
Top 4	20	1566	August 17, 1984	Brican Resources Ltd.
Bottom 1	12	1567	August 17, 1984	Brican Resources Ltd.
Bottom 2	15	1568	August 17, 1984	Brican Resources Ltd.

The ownership of the TOP claims is subject to an agreement, dated November 12, 1980, between J.E. Irwin, acting for himself and A.D. Irwin, and Brican Resources Ltd. The BOTTOM claims are beneficially owned by Brican Resources Ltd.





K. L. DAUGHTRY / ASSOC LTD	
BRICAN RESOURCES LTD	
CLAIM MAP TOP PROPERTY (NEW CLAIMS)	
SCALE: 1:50,000	DATE: MARCH 1984
DWN BY: SAW	PROJ. NO: 127 FIG NO: 3



HISTORY

In the late 1960's Alf Brewer of Vernon staked the DUCE group over the showings and did minor bulldozer trenching.

In 1973, New Cinch Uranium carried out a programme of backhoe trenching, sampling and about 1000 feet of diamond drilling in 5 holes. New Cinch dropped their option in 1974.

In 1980 Brican Resources acquired an option on the TOP claims and from 1980 to 1982 carried out trenching, geological mapping, rock and soil sampling, limited geophysical surveys, and backhoe trenching.

Co-Ords: 0+97.8 W  
2+00 S  
 Azimuth: 076°

K. L. DAUGHTRY & ASSOCIATES LTD.

Hole No. 83-1


Diamond Drill Record

Property: TOP

Dip: -45° East Drill Type & Size: Longyear 38 NQ W/L Location: On drill road 12 m WSW of west end of Trench #2  
 Elevation: 1230 m (approx) Dip Tests: none Date Started: July 14, 1983  
 Length: 111 feet (33.8 m) Date Completed: July 16, 1983  
 Section: 200 South Logged By: K.L. Daughtry  
 Date Logged: July 15-16, 1983  
 Purpose: To test core recovery in mineralized zone and to sample beneath Trench #2

Footage (m)		Description	Sample No.	Footage		Length	Au oz/t	Ag oz/t	As ppm	Sb ppm	Hg ppb	CORE RECOVERY
From	to			from	to							
0	14	CASING										
	(4.3m)											
14	42	Altered GRANODIORITE with GREENDYKES & FAULT										
(4.3)	(12.8)	Mainly weathered medium pinkish-grey, broken, med.-grained granodiorite. Rock has suffered moderate to intense hydrothermal alteration, and weathering has penetrated along fractures.	11551	14	20	6	.001	.06	< 1	0.4	15	80%
		Original rock was probably same as that in footwall of mineralized zone. Rock is broken up and core ground resulting in poor recovery (mostly marbles 14-29 ft.)	11552	20	28	8	.008	.06	< 1	0.2	5	42
				(6.1)	(8.5)	(2.4)						
			11553	28	36	8	Tr	.06	< 1	< 0.2	10	86
				(8.5)	(11.0)	(2.4)						
			11554	36	42	6	Tr	.03	< 1	< 0.2	25	25
				(11.0)	(12.8)	(1.8)						
		Alteration: Plagioclase → saussuritized Mafics → chlorite + epidote K-feldspar - variable flooding Clay minerals developed Magnetite → hematite Rock is cut by narrow (< 1mm) veinlets & swarms of veinlets of clay ± carbonate										
		DYKES: Badly ground light greenish-grey f.g. trachyte(?) dykes @ 17-18 & 41.5 ft. Rock is altered, with felted texture, pale green f-spar. Cut by quartz veinlets. Chlorite & musc. secondary.										

Footage from to		Description	Sample No.	Footage from to		Length	Au	Ag	As	Sb	Hg	CORE REC. %
14	42 (cont'd)	FAULTS: Granodiorite cut by several clay seams, which may be narrow faults, @ 16-17, 29, 31.5, 34, 36, & 38 feet.										
42 (12.0)	46.5 (14.2)	DYKE & CRUSHED ZONE Rock is crushed fragments of above green dyke in matrix of soft greenish-gy clay	11555	42 (12.0)	46.5 (14.2)	4.5 (1.4)	.001	.06	22	<0.2	30	40
46.5 (14.2)	49 (14.9)	Altered GRANODIORITE as above	11556	46.5 (14.2)	49 (14.9)	2.5 (0.7)	.002	.06	28	<0.2	20	100
49 (14.9)	49.8 (15.2)	CLAY & CRUSHED ROCK (FAULT?)	11557	49 (14.9)	49.8 (15.2)	0.8 (0.3)	Tr	.09	2	0.6	20	75
49.8 (15.2)	53 (16.2)	Altered MINERALIZED Rock Pale greenish to purplish f.g. altered rock, with disseminated v.f.g. py in plates, cut by limonitic fractures. Rock may be intensely altered, sheared, and healed green dyke as above. Numerous carbonate veinlets < 1 mm + hairline fractures of quartz, qtz-chl, & clay. Rock is weakly foliated due to alignment of chl. & bright green mineral (?) grains.	11558	49.8 (15.2)	53 (16.2)	3.2 (1.0)	.046	.17	840	1.6	50	100
53 (16.2)	55.5 (16.9)	TRACHYTE DYKE Light olive green porphyritic f.g. trachyte Hornblende phenocrysts < 2 mm + pink Ksp phenos < 3 mm in f.g. matrix (70%)	11559	53 (16.2)	57.2 (17.4)	4.2 (1.2)	Tr	.15	19	0.2	15	<del>30</del> 58
55.5 (16.9)	57.2 (17.4)	Altered GRANODIORITE Intensely altered pink-green granodiorite as above Strong development of secondary epi + Ksp Cut by numerous carbonate & clay + chl veinlets	11560	57.2 (17.4)	61.5 (18.7)	4.3 (1.3)	Tr	.12	< 1	0.3	20	60

Footage from to		Description	Sample No.	Footage from to		Length	Au	Ag	As	Sb	Hg	CORE REC. %
57.2 (17.4)	61.5 (18.7)	TRACHYTE DYKE + CRUSHED ZONE Olive green porphyritic f.g. trachyte dyke as above with abundant greenish clay + crushed rock.										
61.5 (18.7)	64 (19.5)	Crushed & Brecciated GRANODIORITE Med. greenish to pinkish-grey granodiorite. Numerous crushed zones; rock cut by numerous hairline carbonate + clay veinlets. Alteration less intense than above - little secondary epi. or pink Ksp	11561	61.5 (18.7)	64 (19.5)	2.5 (0.8)	Tr	.06	3	<0.2	25	95
64 (19.5)	65 (19.8)	CLAY Med. greenish-gy clay	11562	64 (19.5)	65 (19.8)	1.0 (0.3)	Tr.	.09	19	<0.2	25	100
65 (19.8)	67.4 (20.6)	Crushed GRANODIORITE As above: 1-ft breccia zone @ 67-mineralized Rock is bleached to pale greenish-gy. V.f.g. sulphides. Footwall contact is clay zone at 60' to ore axis " " Sharp contact to unaltered granodiorite. Alteration halo only 0.2 ft into gd.	11563	65 (19.8)	67.6 (20.6)	2.6 (0.8)	.002	.06	172	0.2	25	100
67.4 (20.6)	111 (33.8)	GRANODIORITE Pale pinkish/greenish-grey med. grained. massive fresh granodiorite. Rare fractures, no alteration, no faults, no clay.	11564	67.6 (20.6)	72 (22)	4.4 (1.4)	.002	.03	<1	<0.2	25	100
			11565	72 (22)	82 (25)	10.0 (3)	.001	.06	<1	<0.2	25	100
			11566	82 (25)	92 (28)	10.0 (3)	.003	.12	<1	<0.2	25	100
			11567	92 (28)	102 (31.1)	10.0 (3)	Tr	.12	<1	<0.2	20	100
111	EOH		11568	102	111	9.0	.005	.06	<1	<0.2	15	100

Co-Ords: 0 + 99.0 W  
 2+00 S  
 Azimuth: 076°

K. L. DAUGHTRY & ASSOCIATES LTD.

Hole No. 83-2

Diamond Drill Record

Property: TOP

Dip: -75° East Drill Type & Size: Longyear 38 NQ W/L Location: Same set-up as 83-1  
 Collar 4'ft. to WSW (1.2m)  
 Elevation: 1230m (approx) Dip Tests: none Date Started: July 16, 1983  
 Date Completed: July 17, 1983  
 Length: 121.5 ft (37.0m) Logged By: K.L. Daughtry  
 Date Logged: July 20, 1983  
 Section: Through DDH 1, 2, 3, 7, 8 and Trench # 2 (200 South)  
 Purpose: To explore shear zone beneath Trench # 2

Footage		Description	Sample No.	Footage		Length	Au alt	Ag alt	As ppm	Sb ppm	Hg ppb	COAS REC. %
From	to			from	to							
0	26 (7.9)	CASING										
26 (7.9)	34 (10.4)	Altered GRANODIORITE 26-29 Pale pinkish-gy mg. weathered altered gd. as in 83-1. Rock is much less altered than in 83-1 or in this hole below 29 ft. (8.8m)	11569	26 (7.9)	34 (10.4)	8.0 (2.5)	.012	.06	231	0.2	20	60
		29-34 Altered gd as in 83-1. Pinkish to brownish										
		32.5 Green dyke										
		33.5 Green dyke + clay zone										
34 (10.4)	40.5 (12.4)	CLAY ZONE + GREEN DYKE Reddish-brown clay with sharp fragments of green altered dyke and decomposed clay-altered granodiorite.	11570	34 (10.4)	40.5 (12.4)	6.5 (2.0)	.009	.09	259	0.4	40	40
40.5 (12.4)	46.5 (14.2)	ALTERED & MINERALIZED ZONE Rusty med-gy vfg. intensely altered rock with abundant vfg. pyrite. Bounded @ 40.5 by gd decomposed to rusty clay. Rock may be altered dyke as in 83-1 between 49.8 & 53 46.5 Clay, bx, + sand : FAULT ?	11571	40.5 (12.4)	46.5 (14.2)	6.0 (1.8)	.300	.29	>1000	5.1	210	25

Footage from to		Description	Sample No.	Footage from to		Length	Au	Ag	As	Sb	Hg	CORE REC. %
46.5 (14.2)	53 (16.2)	Altered GRANODIORITE Pink to yellowish-green intensely altered gd. Strong development of secondary pink K-sp + epi. Similar to rock in HW of crushed zone in 83-1. Broken, heavy clay in places 52.5 0.5 ft trachyte dyke	11572	46.5 (14.2)	53 (16.2)	6.5 (2.0)	.005	.06	227	0.2	30	70
53 (16.2)	54.3 (16.6)	CRUSHED ZONE + TRACHYTE DYKE Pale greenish-gy to pinkish crushed gd. Mylonitic, rounded fragments. Heavy white clay. Diss. vfg py. 54-54.3 Trachyte dyke	11573	53.0 (16.2)	54.0 (16.5)	1.0 (0.3)	.004	.06	39	0.3	70	100
54.3 (16.6)	64.8 (19.8)	Altered and Brecciated GRANODIORITE Med greenish to pinkish intensely fractured to crushed & brecciated altered granodiorite. Cut by numerous carbonate ± sulphide veinlets < 1 cm, + clay veinlets @ various attitudes Diss. py. Green colour due to saussurization of feldspar. Pink colour is secondary pink Ksp Brecciation more intense 60-64.8	11574	54.3 (16.6)	60.0 (18.3)	5.7 (1.7)	.003	.09	3	<0.2	25	100
			11575	60.0 (18.3)	64.8 (19.8)	4.8 (1.5)	.003	.09	16	0.4	50	100
64.8 (19.8)	73 (22.3)	Altered, pyritic GRANODIORITE, CRUSHED ZONE Pale greenish-gy to greenish white intensely altered bleached granodiorite. Zone has sharp contacts @ 64.8 and 73 ft. with crushed zones & clay. HW ≈ 35° c.e. FW 50° c.e. Both walls have 0.5-ft. halos in wall rock. Zone cut by qtz veinlets < 1cm and clay bands Matrix completely destroyed by alteration. Abundant diss. py. Alteration minerals include hematite, clay, pyrite, gypsum (?) Some clay seams lost - washed out.	11526	64.8 (19.8)	73 (22.3)	8.2 (2.5)	.003	.15	-	-	-	90

Footage from to		Description	Sample No.	Footage from to		Length	Au	Ag	As	Sb	Hg	CORE Rec. %
73 (22.3)	103 (31.4)	GRANODIORITE Pale pinkish/greenish weakly altered gd. Cut by numerous hairline to 5 mm veinlets of clay(?) or gypsum (?) ± carbonate veinlets. Fractures, with hematite, show slickensides White mineral in veinlets has hardness of 2+	11527	73 (22.3)	78 (23.8)	5.0 (1.5)	.002	.09	-	-	-	100
			11528	78 (23.8)	88 (26.8)	10.0 (3.0)	Tr	.06	-	-	-	100
			11529	88 (26.8)	98 (29.9)	10.0 (3.0)	Tr	.09	-	-	-	100
103 (31.4)	121.5 (37.0)	GRANODIORITE Pale grey to pinkish-gy m.g. fresh gd.	11530	98 (29.9)	108 (32.9)	10.0 (3.0)	Tr	.06	-	-	-	100
121.5	EOH	<i>K. Doughty</i>										

Co-Ords: 1 + 11.2 W  
 1 + 99.2 S  
 Azimuth: 069°

K. L. DAUGHTRY & ASSOCIATES LTD.

Hole No. 83-3

Diamond Drill Record

Property: TOP

Dip: -70° East Drill Type & Size: Longyear 38 NQ W/L Location: At switchback on old drill road  
 ~100 ft (30m) W. of Trench # 2  
 Elevation: 1230 m (approx) Dip Tests: none Date Started: July 17, 1983  
 Date Completed: July 19, 1983  
 Length: 150 ft (45.7m) Logged By: K. L. Daughtry  
 Section: Through DDH 1, 2, 3, 7, 8 and Trench # 2 (200 South) Date Logged: July 20, 1983  
 Purpose: To explore down-dip extension of shear zone from Trench #2 and DDH's 1 & 2

Footage		Description	Sample No.	Footage		Length	Au $\alpha/t$	Ag $\alpha/t$	As ppm	Sb ppm	Hg ppm	CORE REC. %
From	to			from	to							
0	20 (6.1)	CASING										
20 (6.1)	24 (7.3)	GRANODIORITE Med. greenish/pinkish-gy gd. Unaltered (relatively) but weathered and broken										40
24 (7.3)	39 (11.9)	Altered GRANODIORITE Pink, brownish and greenish-gy mg. altered granodiorite. Same as top of hole 83-1 & 2. Cut by numerous hairline fractures & veinlets with clay & carbonate. Several bands flooded with pink K-sp. Veins < 2cm of pink K-sp + Qtz with pegmatitic texture CRUSHED zones with clay @ 25.5-26, 27, 30. CRUSHED zones with sand @ 31.5, 35.4, 36.3, 39.	11531	24 (7.3)	31.5 (9.6)	7.5 (2.3)	.001	.03	1	0.2	50	95
			11532	31.5 (9.6)	39 (11.9)	7.5 (2.3)	.001	.06	< 1	< 0.2	30	95
39 (11.9)	42 (12.8)	GRANODIORITE Pinkish-gy relatively unaltered gd. No fractures & few veinlets. No K-sp flooding, clay etc. Relatively sharp contact with alt'd gd @ 42	11533	39 (11.9)	42 (12.8)	3.0 (0.9)	.001	.06	1	< 0.2	25	100



Footage from	Footage to	Description	Sample No.	Footage from	Footage to	Length	Au	Ag	As	Sb	Hg	CORE REC. %
42 (12.8)	51.3 (15.6)	Altered GRANODIORITE Pinkish to brownish alt'd gd as 24-39 but more secondary epi. No pink peg veins & fewer clay/carbonate veinlets. FAULT 46.5-47. Gd. crushed & sandy, clay slips < 2cm. This is probably what appeared as sand/clay zone in 83-1, 2. Ruth.	11534	42 (12.8)	51.3 (15.6)	9.3 (2.8)	.002	.03	1	0.2	35	100
51.3 (15.6)	56.3 (17.2)	TRACHYTE Dyke Med. olive-greenish-gy fg porphyritic trachyte or mafic syenite dyke. Contacts sheared & broken Shearing extends 12 cm into HW gd. HW ct 65° c.e. Composition: green plagioclase < 1mm 55% pink K-sp phenos < 2mm 5% black acicular hb < 1.5mm 35% disc pyrite < 1mm 5% Clay seams @ 52.5, 54.5 < 2cm. @ 30° c.e.	11423	51.3 (15.6)	56.3 (17.2)	5.0 (1.5)	<.001	.08	-	-	-	100
56.3 (17.2)	57.8 (17.6)	Altered GRANODIORITE Pink/green alt'd gd flooded by pink K-sp tepi Pale olive-green halo 57.5-57.8 @ contact	11535	56.3 (17.2)	57.8 (17.6)	1.5	.001	.03	5	0.2	30	100
57.8 (17.6)	68.8 (21.0)	ALTERED MINERALIZED BRECCIATED ZONE Pale gy, greenish-gy & pinkish bleached, intensely alt'd, crushed & brecciated mineralized gd. Mafic completely destroyed. Abundant secondary clay (kaolin?), K-sp, epi, sericite. No carbonate. A few banded Qtz veins 5mm-2cm wide. Qtz with thin seams of gy. mineral - mainly on vein walls Diss py throughout. Numerous clay slips HW contact sharp $\approx$ 80° c.e. CRUSHED Zone 57.8-58.5: Gy. with rounded frags of siliceous rk & clay. 58.5-65.5 Intensely alt'd gd: numerous clay & bx slips + banded Qtz veins 50°-75° c.e. BRECCIA Zone 65.5-68.8: Gy crushed rk like HW ct. Intensely alt'd & silicified gd cut by Qtz veins & subsequently brecciated or banded	11536	57.8 (17.6)	65.5 (20.0)	7.7	.017	.06	897	0.5	30	96
			11537	65.5 (20.0)	68.8 (21.0)	3.3 (1.0)	.005	.06	955	3.4	40	99

Footage from	Footage to	Description	Sample No.	Footage from	Footage to	Length	Au	Ag	As	Sb	Hg	CORE REC. %
68.8 (21.0)	73.1 (22.3)	Altered, Sheared GRANODIORITE Pink/green gd. Similar to 54.3-64.0 in 83-2 Intensely alt'd & sheared. Green colour due to alt'n of plagioclase. Pink is secondary K-sp. Hairline clay/carbonate veinlets. No qtz veins	11538	68.8 (21.0)	73.1 (22.3)	4.3 (1.3)	<.001	.03	30	<0.2	40	99
73.1 (22.3)	76.6 (23.4)	ALTERED MINERALIZED ZONE As above but with only thin bx at contacts	11539	73.1 (22.3)	76.6 (23.4)	3.5 (1.1)	.018	.03	389	0.4	40	99
76.6 (23.4)	89.5 (27.3)	Altered GRANODIORITE (Pink) Mainly pink intensely alt'd gd. Similar to 68.8-73.1 but much less green alt'n & less sheared. Abundant clay/carbonate veinlets	11540	76.6 (23.4)	84.5 (25.8)	7.9 (2.4)	.002	.06	< 1	<0.2	10	95
			11541	84.5 (25.8)	89.5 (27.3)	5.0 (1.5)	<.001	.06	11	0.4	5	99
89.5 (27.3)	91.2 (27.8)	Altered GRANODIORITE (Green) Pale green intensely alt'd gd. with qtz & qtz-carbonate veins, < 7mm. White soft mineral in veins may be gypsum. Diss vfg py. Matrix destroyed.	11542	89.5 (27.3)	91.2 (27.8)	1.7 (0.5)	.002	.09	9	0.4	50	99
91.2 (27.8)	98 (29.9)	GRANODIORITE Weakly alt'd gd as in 83-2 73-103. Pinkish & greenish gy.	11543	91.2 (27.8)	98 (29.9)	6.8 (2.1)	.001	.06	< 1	<0.2	20	99
98 (29.9)	99.6 (30.4)	QUARTZ VEIN + SILICIFIED ZONE Quartz vein, 0.5 ft wide, with pink halo of silicified (+ Ksp?) rock. Mineralized with coarse pyrite blebs	11544	98 (29.9)	99.6 (30.4)	1.6 (0.5)	.002	.09	1	0.2	20	99
99.6 (30.4)	106.8 (32.6)	GRANODIORITE Weakly alt'd greenish gd. as above but with fewer clay/carbonate veinlets	11545	99.6 (30.4)	106.8 (32.6)	7.2	.001	.06	< 1	0.2	20	99
106.8	150	GRANODIORITE Pale gy to pinkish-gy m.g. unaltered gd.										
150	EOH											

*L. D. ...*

Co-Ords: 1+18.1 W  
 2+21.3 S  
 Azimuth: 070°

K. L. DAUGHTRY & ASSOCIATES LTD.

Hole No. 83-4

Diamond Drill Record

Property: TOP

Dip: -50° East Drill Type & Size: Longyear 38 NQ W/L Location: At switchback in drill road, 35.6m west 15 east end of Trench #1  
 Elevation: 1215 m (approx) Dip Tests: none Date Started: July 20, 1983  
 Length: 174 ft (53.1 m) Date Completed: July 22, 1983  
 Section: 225 South Logged By: K. L. Daughtry  
 Date Logged: July 27, 1983  
 Purpose: To test shear zone beneath Trench #1

Footage		Description	Sample No.	Footage		Length	Au oz/t	Ag oz/t	As ppm	Sb ppm	Hg ppb	CORE REC. %
From	to			from	to							
0	19 (5.0)	CASING										
?	20 (6.1)	GRANODIORITE + TRACHYTE DYKE Relatively fresh, weakly alt'd gd. rare fractures No clay/carbonate veinlets. Pale gy, fsp bleached. Massive: 19+ greenish-gy fg trachyte dyke										
20 (6.1)	34 (10.4)	Altered GRANODIORITE Mainly pink to pinkish gy alt'd & weathered gd. Cut by numerous fractures & clay/carb veinlets (+gyp?) Mb chloritized + secondary pink Ksp; plagioclase is bleached/Saussuritized:	11546	20 (6.1)	27 (8.2)	7.0 (2.1)	<.001	.06	9	-	-	70
			11547	27 (8.2)	34 (10.4)	7.0 (2.1)	<.001	.07	< 2	-	-	60
34 (10.4)	35.8 (10.9)	CLAY + CRUSHED ZONE : GRANODIORITE Pale brown clay zone with crushed angular frags:br.										
			11548	34 (10.4)	37.5 (11.4)	3.5 (1.1)	<.001	.07	5	-	-	90
35.8 (10.9)	37.5 (11.4)	Altered GRANODIORITE Pinkish/greenish alt'd gd as above. Patches flooded by pink Ksp and/or epi										
37.5 (11.4)	41 (12.5)	Altered TRACHYTE DYKE Greenish/brownish gy fg broken, shattered trach dyke										90
41 (12.5)	44 (13.4)	CRUSHED ZONE (GRANODIORITE + TRACHYTE) Broken, crushed gd & trachyte alt'd as above. Some clay zones.	11549	41 (12.5)	44 (13.4)	3.0 (0.9)	<.001	.09	9	-	-	70

Footage from to		Description	Sample No.	Footage from to		Length	Au	Ag	As	Sb	Hg	CORE REC. %
44 (13.4)	52 (15.9)	TRACHYTE DYKE Greenish - light brownish-gy f.g. porph alt'd & broken trachyte dyke: 46-47 Broken rk + brown clay 48.3-49.5 Rusty broken rk + br. clay. Rusty frac.	11550	48.3 (14.7)	49.5 (15.1)	1.2 (0.4)	<.001	.08	35	-	-	80
52 (15.9)	60.9 (18.6)	CRUSHED, BROKEN MINERALIZED ZONE 52-54? Gy crushed alt'd rk, abundant gy clay + rounded silicified rock frags: diss py: Traces of bright green glassy mineral (mariposite?) 54?-56 Brown clay + broken alt'd gd. 56-58.5 Mostly lost core. Marbles of pink alt'd gd & dyke 58.5-59.4 FAULT or BRECCIA Zone: well defined sharp ct @ 58.5 with trachyte dyke @ 59.4 with bleached gd. Frags of qtz vein mat < 2" long Abundant secondary white clay + silic. frags & diss py 59.4-60.9 Intensely alt'd pale greenish-gy bleached gd + diss py & numerous hairline clay veinlets	11501	52 (15.9)	54 (16.5)	2.0 (0.6)	.089	.47	>1000	-	-	30
			11502	54 (16.5)	58.5 (17.8)	4.5 (1.4)	<.001	.03	13	-	-	15
			11503	58.5 (17.8)	60.9 (18.6)	2.4 (0.7)	.011	.07	>1000	-	-	65
60.9 (18.6)	73 (22.3)	Altered GRANODIORITE Mainly greenish-gy to med. gy alt'd gd cut by innumerable veinlets of clay (gypsum?) & carbonate. Closely-spaced veinlets coalesce to produce crackled or broken rk. Most intense patches of alt' produce bleached clay-rich rk. Similar to 59.4-60.9	11504	60.9 (18.6)	67 (20.4)	6.1 (1.9)	<.001	.08	3	-	-	85
			11505	67 (20.4)	73 (22.3)	6.0 (1.8)	<.001	.06	8	-	-	95
73 (22.3)	83 (25.3)	Altered GRANODIORITE (Pink) Mainly pink alt'd gd as above but fewer clay/carb veinlets. Many clay "slips" < 5mm @ high angle to ca. 79-80 BX zone: numerous clay slips & chlorite alt'g.	11506	73 (22.3)	83 (25.3)	10.0 (3.0)	<.001	.07	<2	-	-	95
83 (25.3)	92.5 (28.2)	Altered GRANODIORITE Yellowish, greenish & pinkish-gy alt'd gd. Similar to above but with bands < 10" of yellowish, bleached, clay-altered rk. veinlets of clay/carb as before	11507	83 (25.3)	92.5 (28.2)	9.5 (2.9)	<.001	.10	<2	-	-	100

Footage from	Footage to	Description	Sample No.	Footage from	Footage to	Length	Au	Ag	As	Sb	Hg	CORE REC. %
92.5 (28.2)	100 (30.5)	ALTERED, BLEACHED ZONE Pale red, pink, yellow variably alt'd gd. 92.5-94.7 Decomposed gd with secondary clay + hem 94.7-96.7 Pale yellow/pink less alt'd gd as 83-92.5 96.7-100 Red, pinkish & pale yellow intensely alt'd & bleached gd. Abundant secondary clay + hem Intensely alt'd r/s clay with grz frags. Little or no pyrite.	11508	92.5 (28.2)	100 (30.5)	7.5 (2.3)	<.001	.12	<2	-	-	100
100 (30.5)	114 (34.8)	Altered GRANODIORITE Med. greenish/pinkish-gy weakly alt'd gd. Fewer clay/carb veinlets. Few patches of intense clay alt'n.										100
114 (34.8)	122 (37.2)	ALTERED, BLEACHED ZONE As above (92.5-100) but less intensely altered	11509	114 (34.8)	122 (37.2)	8.0 (2.4)	<.001	.07	<2	-	-	100
122 (37.2)	134 (40.9)	Altered GRANODIORITE Pinkish, reddish, greenish-gy alt'd gd. + clay/carb v. 122-131.5 Abundant white greens of fsp alt'd to clay 122 Swarm of veinlets with hematite 131.5-134 Greenish/yellowish-gy gd.										100
134 (40.9)	139 (42.4)	ALTERED, BLEACHED ZONE As above 114-122.	11510	134 (40.9)	139 (42.4)	5.0 (1.5)	<.001	.08	<2	-	-	100
139 (42.4)	148 (45.1)	Altered GRANODIORITE As 122-134. More hem in swarms of veinlets 141.5-146.5	11511	141.5 (43.1)	146.5 (47)	5.0 (1.5)	<.001	.07	11	-	-	100
148	166	GRANODIORITE Light grey to pinkish-gy weakly alt'd gd. Relatively few clay/carb veinlets. Some bleaching										100
166	174	Altered GRANODIORITE As 139-148 with more abundant clay/carb veinlets & hematite veinlets in swarms										100
174	EOH											

*Handwritten signature*

Co-Ords: 1+19.3 W  
 2+21.3 S  
 Azimuth: 070°

K. L. DAUGHTRY & ASSOCIATES LTD.

Diamond Drill Record

Hole No. 83-5

Property: TOP

Dip: -80° East Drill Type & Size: Longyear 38 NQ w/L Location: Same set-up as 83-4

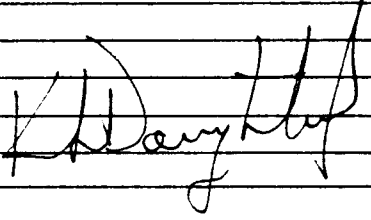
Elevation: 1215 m (approx) Dip Tests: none Date Started: July 22, 1983

Length: 82 ft. (25 m) Date Completed: July 28, 1983

Section: 225S Through DDH 4, 5, 6 and Trench #1 Logged By: K.L. Daughtry

Purpose: To test shear zone down-dip from Trench #1 and DDH 83-4 Date Logged: August 1, 1983

Footage From	Footage to	Description	Sample No.	Footage from	Footage to	Length	Au %	Ag %	As ppm	Sb ppm	Hg ppb	CORE REC. %
0	21 (6.4)	CASING										
?	19 (5.8)	Altered GRANODIORITE Broken rock, marbles										
19 (5.8)	20.8 (6.3)	CLAY ZONE : MINERALIZED ZONE ? 19-20 Red-brown completely decomposed gd & clay 20-20.8 Pale yellow-brown clay zone with fragments of decomposed gd.	11512	19 (5.8)	20 (6.3)	1.0 (0.3)	0.221	<.01	>1000	-	-	75
			11513	20 (6.1)	20.8 (6.3)	0.8 (0.2)	0.005	<.01	330	-	-	75
20.8 (6.3)	43.6 (13.3)	ALTERED, BLEACHED, MINERALIZED ZONE Pale grey, greenish & pinkish-grey intensely alt'd, bleached, brecciated mineralized gd: Cut by clay slips, clay/bx seams, gouge, & pervasive calcareous alt' in places. Slips, veinlets, seams etc @ varying angles to Cq, but main structure ~ 70°-80° c.g. 20.8-36 Mainly pale greenish & pinkish alt'd, bleached gd with numerous cracked zones, clay slips, veinlets etc. Brecciated 20.8-23.5 36-43.6 As above but with numerous flat "gouge" zones with clay & sooty black mineral; arsenopyrite? noted @ 39.7	11514	20.8 (6.3)	28 (8.5)	7.2 (2.2)	.004	.20	6	-	-	95
			11515	28 (8.5)	36 (11.0)	8.0 (2.4)	<.001	.03	3	-	-	94
			11516	36 (11.0)	43.6 (13.3)	7.6 (2.3)	.027	.06	>1000	-	-	95
		42.4-43.6 Strong bx zone, crushed rk, clay & silicified frags, sooty min.										

Footage from to		Description	Sample No.	Footage from to		Length	Au	Ag	As	Sb	Hg	CORE REC. %	
43.6 (13.3)	80 (25.0)	Altered GRANODIORITE (Pink) Pink, relatively weakly altered m.g. gd. Numerous fractures c̄ clay (gypsum?) Carbonate, hematite. Pink colour due to secondary pink K-sp.	11517	43.6	47	3.4	.002	.03	6	-	-	98	
80	EOH.												

Co-Ords: 1+19 W (approx)  
 2+22 S (approx)  
 Azimuth: 250°

K. L. DAUGHTRY & ASSOCIATES LTD.

Hole No. 83-6

Diamond Drill Record

Property: TOP

Dip: -60° West Drill Type & Size: Longyear 38 NQ W/L Location: Same set-up as DDH 83-4  
 Elevation: 1215 m (approx) Dip Tests: none Date Started: July 29, 1983  
 Date Completed: July 30, 1983  
 Length: 106 ft. (32.3 m) Logged By: K.L. Daughtry  
 Date Logged: August 2, 1983  
 Section: 225 S Through DDH 4, 5, 6 and Trench #1  
 Purpose: To explore down-dip extension of shear zone below 83-5

Footage From	Footage to	Description	Sample No.	Footage from	Footage to	Length	Au oz/t	Ag oz/t	As ppm	Sb ppm	Hg ppb	CORE REC. %
0	9 (2.7)	CASING										
9 (2.7)	12.5 (3.8)	Altered GRANODIORITE Broken, weathered rusty alt'd gd. Lost core										50
12.5 (3.8)	38.3 (11.7)	Altered TRACHYTE DYKE Variably alt'd trachyte dyke. Originally probably same rock as in 83-1 (53-55.5) & 83-3 (51.3-52.3) Fractured & cut by abundant qtz-carbonate veins & veinlets. Rock varies from relatively fresh med. to dark grey porphyritic trachyte to bleached, pale greenish-gy to pale gy hydrothermally alt'd rk. Rock is variably calcareous, probably due to secondary carbonate alt's. Pyrite occurs both as primary diss. grains (as usual), and as secondary v.f.g. diss. grains in alt'd zones, and in qtz veinlets < 5mm wide, with arsenopyrite (?) in dark hairline bands near vein margins. Contact @ 12.5, probably faulted.	11518	12.5 (3.8)	15.1 (4.6)	2.6 (0.8)	0.18	0.06	460	1.4	63	90
			11519	15.1 (4.6)	20.3 (6.2)	5.2 (1.6)	<.001	0.06	150	0.3	65	95
			11520	20.3 (6.2)	30 (9.2)	9.7 (3.0)	0.140	0.20	>1000	5.9	132	98
			11521	30 (9.2)	38.3 (11.7)	8.3 (2.5)	0.005	0.09	72	0.5	132	95
		12.5-15.1 Normal trachyte, weathered, no veinlets										
		15.1-30 Variably alt'd trachyte, abundant veinlets										
		20 0.8 ft alt'd gd. - inclusion?										
		30-38.3 Relatively unaltered porphyritic "normal" trachyte, with numerous veinlets										



Footage from to		Description	Sample No.	Footage from to		Length	Au <sup>oz/t</sup>	Ag <sup>oz/t</sup>	As ppm	Sb ppm	Hg ppb	CORE REC. %
38.3 (11.7)	53.8 (16.4)	Altered MINERALIZED TRACHYTE DYKE Mainly med.-gy or greenish-gy, with patches of pale greenish-gy, fr. intensely alt'd, fractured and veined trachyte dyke. Some sections similar to 12.5-38.3. Relatively few qtz/carb veinlets - these are cut by later qtz-py-asp veinlets. Latter are banded qtz with dark layers and are < 2cm wide. Larger veins 40°-50° c.a. Occasional but rare clay slips 49. Two 1" bands of alt'd granitic rock.	11522	38.3 (11.7)	46.9 (14.3)	8.6 (2.6)	0.60	1.11	>1000	7.0	150	95
			11523	46.9 (14.3)	53.8 (16.4)	6.9 (2.1)	0.50	2.10	>1000	11.1	150	95
53.8 (16.4)	62.4 (19.0)	ALTERED, BRECCIATED, MINERALIZED TRACHYTE + GD. Zone of alternating bands of intensely alt'd trachyte, as above, with bleached, brecciated, clay-alt'd gd similar to mineralized zone in other holes. Granodiorite is pale grey to greenish-gy. Abundant clay alt'n, clay/bx seams, 1/2 qtz @ 75°-80° c.a. Abundant sooty black material in these flat seams. 53.8-54.5 Clay/bx zone in alt'd gd. 54.5-61.1 Broken, veined, alt'd trachyte 61.1-61.9 Bleached, sheared, alt'd, mineralized gd 61.9-62.4 Alt'd trachyte	11524	53.8 (16.4)	62.4 (19.0)	8.6 (2.6)	.099	.20	>1000	3.4	120	98
62.4 (19.0)	71.4 (21.8)	ALTERED, BLEACHED, BRECCIATED, MINERALIZED GRANODIORITE Pale gy to pale greenish-gy min'd gd. Abundant clay alt'n, diss. sulphides, clay/bx seams (with sooty min) Clay-qtz-sooty seams @ 75°-80° c.a.	11525	62.4 (19.0)	71.4 (21.8)	9.0 (2.8)	.045	.09	>1000	1.2	52	99
71.4 (21.8)	79.7 (24.3)	Altered GRANODIORITE (pink) Pink alt'd gd as in FW in other holes. Abundant white clay/carb veinlets. Alt'd halo from min'd zone extends 71.4-72.0. Sharp contact with min'd zone.	11401	71.4 (21.8)	79.7 (24.3)	8.5 (2.6)	.001	<.01	3	4.6	35	97
79.7 (24.3)	81.3 (24.8)	ALTERED, BLEACHED, BRECCIATED GRANODIORITE AS above 62.4-71.4	11402	79.7 (24.3)	81.3 (24.8)	1.6 (0.5)	.005	<.01	200	8.1	41	95
81.3	106	GRANODIORITE Pinkish-gy to light gy weakly alt'd gd.	11403	81.3 (24.8)	86 (26.2)	4.7 (1.4)	.001	.09	20	<0.2	22	99

106 EOH

Anthony

Sheet No. 2... (83-6).....

Co-Ords: 1+37.8 W  
 2+01.8 S  
 Azimuth: 070°

K. L. DAUGHTRY & ASSOCIATES LTD.

Diamond Drill Record

Hole No. 83-7

Property: TOP

Dip: -60° East Drill Type & Size: Longyear 38 NØ W/L Location: On main access road at junction of road to Trench #2  
 Elevation: 1235m (approx) Dip Tests: None Date Started: July 30, 1983  
 Length: 161.0 ft (49.1m) Date Completed: August 1, 1983  
 Section: 200S Through DDH 1, 2, 3, 8 and Trench #2 Logged By: K.L. Daughtry  
 Purpose: To extend shear zone to west and to depth. Date Logged: August 19, 1983

Footage From	Footage to	Description	Sample No.	Footage from	Footage to	Length	Au <sup>oz</sup> / <sub>t</sub>	Ag <sup>oz</sup> / <sub>t</sub>	As ppm	Sb ppm	Hg ppb	CORE REC. %
0	5 (1.5)	CASING										
5 (1.5)	20 (6.1)	GRANODIORITE Med. pinkish-gy, variably but weakly alt'd gd. Chloritic; pink K-sp alt'n. No white veinlets										96
20 (6.1)	52.7 (16.1)	Altered GRANODIORITE As above but alt'n weak to moderate and with numerous hairline to 1mm white veinlets of carbonate + kaolin(?) ± gypsum. Occasional patches of more intense alt'n for a few cm. resulting in "clayey decomposed gd + occasional silicified bands < 3 cm.										93
52.7 (16.1)	60.3 (18.4)	TRACHYTE DYKE Dark greenish-gy trachyte dyke as in other holes Qtz-carbonate veinlets < 4 mm	11425	52.7 (16.1)	60.3 (18.4)	7.6 (2.3)	<.001	.05	-	-	-	94
60.3 (18.4)	74.7 (22.8)	Altered GRANODIORITE (pink) Gd as above but alt'n more intense. Rock is pale pink to pinkish-gy. More abundant white veinlets and more pink K-sp. flooding along healed fractures.	11413	66.0 (20.0)	74.7 (22.8)	8.7 (2.7)	<.001	.03	<2	-	-	94

Footage from to		Description	Sample No.	Footage from to		Length	Au	Ag	As	Sb	Hg	CORE REC. %
74.7 (22.8)	92.1 (28.1)	ALTERED, BLEACHED, MINERALIZED GRANODIORITE Pale gy, pinkish & greenish-gy intensely alt'd fractured & mineralized gd. Numerous veinlets with sooty slickensided minerals :- bx in sulphides? - plus occasional qtz veins with dark sooty bands < 1 mm, + chloritic slickensided fractures	11414	74.7 (22.8)	83.0 (25.3)	8.3 (2.5)	.002	.09	50	-	-	90
			11415	83.0 (25.3)	92.1 (28.1)	9.1 (2.8)	.001	.03	5	-	-	88
92.1 (28.1)	96.5 (29.4)	ALTERED, MINERALIZED TRACHYTE DYKE Pale to med. greenish-gy trachyte dyke. Altered and cut by numerous qtz-carb veinlets < 3 mm. Lower contact sharp with "sooty" mineral in dark band @ 60° c.a. Minor bx.	11416	92.1 (28.1)	101.0 (30.8)	8.9 (2.7)	.016	.06	620	-	-	97
96.5 (29.4)	110.0 (33.5)	ALTERED, MINERALIZED GRANODIORITE & TRACHYTE DYKE 96.5-99.3 Bleached, min'd gd as above 99.3-100.8 Alt'd mineralized trachyte dyke 100.8-104.6 Bleached, mineralized gd. 104.6-110.0 Alt'd, min'd trachyte dyke with inclusions of alt'd gd. Banding at upper contact @ 40° c.a.	11417	101.0 (30.8)	104.6 (31.9)	3.6 (1.1)	.005	.03	400	-	-	75
			11418	104.6 (31.9)	110.0 (33.5)	5.4 (1.7)	.155	.12	>1000	-	-	93
110.0 (33.5)	127.4 (38.8)	ALTERED, BLEACHED, MINERALIZED GRANODIORITE Pale gy to greenish-gy intensely alt'd gd. Abundant clay alteration + sooty bands: 123.0-124.5 More competent, less alt'd pink gd.	11419	110.0 (33.5)	116.0 (35.1)	6.0 (1.8)	.042	.03	>1000	-	-	95
			11420	116.0 (35.1)	121.2 (37.0)	5.2 (1.6)	.030	.03	>1000	-	-	95
127.4 (38.8)	142.0 (43.3)	ALTERED GRANODIORITE Light to med. pinkish-gy gd. with abundant white veinlets. 138.7-139.5 Pink silicified zone with qtz & Ksp	11421	121.2 (37.0)	127.4 (38.8)	6.2 (1.9)	.010	.03	110	-	-	95
			11422	127.4 (38.8)	136.4 (41.6)	9.0 (2.7)	.011	.03	5	-	-	95
142.0 (43.3)	161.0	GRANODIORITE Weakly alt'd gd. : pale pinkish-gy Abundant white veinlets										
161.0	EOH	K. D. Doughty										

Co-Ords: 1+38.8 W  
2+01.8 S  
Azimuth: 070°

K. L. DAUGHTRY & ASSOCIATES LTD.

Diamond Drill Record

Hole No. 83-8  
Property: TOP

Dip: -85° East Drill Type & Size: Longyear 38 NQ W/L Location: Same set-up as 83-7  
Elevation: 1235 m (approx) Dip Tests: none Date Started: August 1, 1983  
Date Completed: August 2, 1983  
Length: 156.5 ft (47.7 m) Logged By: K.L. Daughtry  
Section: 2005 Through French #2 and DDM 1, 2, 3, 7 Date Logged: August 19, 1983  
Purpose:

Footage From	Footage to	Description	Sample No.	Footage from	Footage to	Length	Au %t	Ag %t	As ppm	Sb ppm	Hg ppb	Core Rec. %
0	4	CASING										
	(1.2)											
4	16	GRANODIORITE										
(1.2)	(4.9)	Weakly alt'd: Same as top of 83-7										85
16	60	Altered GRANODIORITE										
(4.9)	(18.3)	Same as 83-7 but patches of stronger alteration are more numerous & wider, + occasional bands of "sooty" material (clay + sulphides?)										98
60	68.7	TRACHYTE DYKE										
(18.3)	(20.9)	Unaltered to weakly alt'd trachyte dyke. Similar to upper dyke in 83-7 (52.7-60.3) except some sections alt'd + more qtz-carb veins < 1.5 cm. Sharp upper contact @ 50° c.a. Sharp lower contact + banding @ 50° c.a.	11424	60.0	68.7	8.7	<.001	.05	-	-	-	99
				(18.3)	(20.9)	(26)						
68.7	96.5	Altered GRANODIORITE (Pink)										
(20.9)	(29.4)	As in 83-7.	11404	86.5	96.5	10.0	.001	0.4ppm	10	-	-	98
				(26.4)	(29.4)	(3.0)						
96.5	101.7	ALTERED, BLEACHED, MINERALIZED GRANODIORITE										
(29.4)	(31.0)	Pale gy, yellowish, pinkish & greenish-gy altered & mineralized zone as in 83-7, with quartz veins	11405	96.5	101.7	5.2	.021	.06	900	-	-	100
				(29.4)	(31.0)	(46)						



DIAMOND DRILL PROGRAMME

Between July 13 and August 19, 1983, a programme of exploration diamond drilling was conducted on the TOP property. Eight holes, totalling 323.7 metres, were successfully completed. The location of the holes is shown on the accompanying plan (Figure 4) and the pertinent drill hole information is summarized below:

Drill Contractor: Adam Diamond Drilling, Princeton, B.C.

Foreman: George Adam

Cross-shift driller: Harold Adam

Machine: Longyear 38 Wireline

Core Diameter: NQ

<u>Hole No</u>	<u>Location</u>	<u>Direction</u>	<u>Dip</u>	<u>Length</u>	<u>Collar Elevation</u>
83-1	0+97.8W, 2+00S	076°	-45°	33.8m	1230 approx.
83-2	0+99.0W, 2+00S	076°	-75°	37.0m	1230 approx.
83-3	1+11.2W, 1+99.2S	069°	-70°	45.7m	1230 approx.
83-4	1+18.1W, 2+21.3S	070°	-50°	53.1m	1215 approx.
83-5	1+19.3W, 2+21.3S	070°	-80°	25.0m	1215 approx.
83-6	1+19W, 2+22S	250°	-60°	32.3m	1215 approx.
83-7	1+37.8W, 2+01.8S	070°	-60°	49.1m	1235 approx.
83-8	1+38.8W, 2+01.8S	070°	-85°	47.7m	1235 approx.

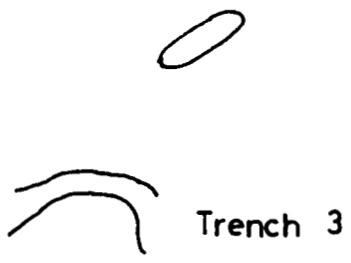
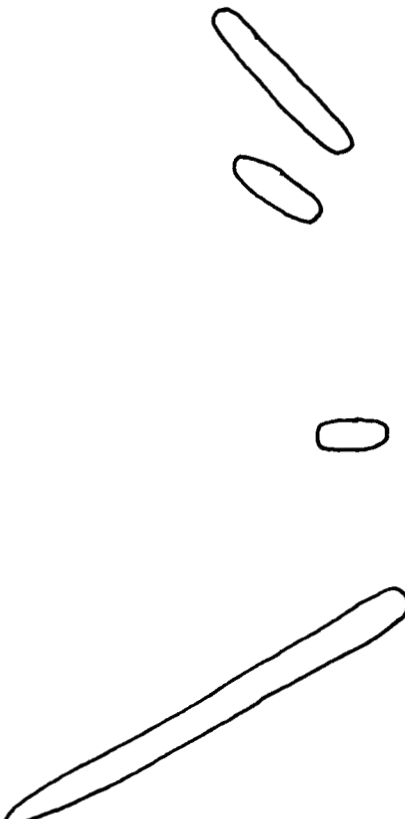
All core is stored in a covered core rack at a site about 230 metres southwest of hole 83-8.

All drill holes were collared on TOP #2 claim.

Complete drill logs for each hole follow. All holes were logged by the writer. Drill supervision, on behalf of Brican Resources Ltd., was performed by the writer and by Jesmex Developments Ltd. and core-splitting was carried out by

Craig Lynes and Jesmex Developments Ltd.

Assaying and geochemical analysis of core samples were performed by Kamloops  
Research and Assay Laboratory Ltd.



BRICAN RES. LTD.

TOP PROPERTY

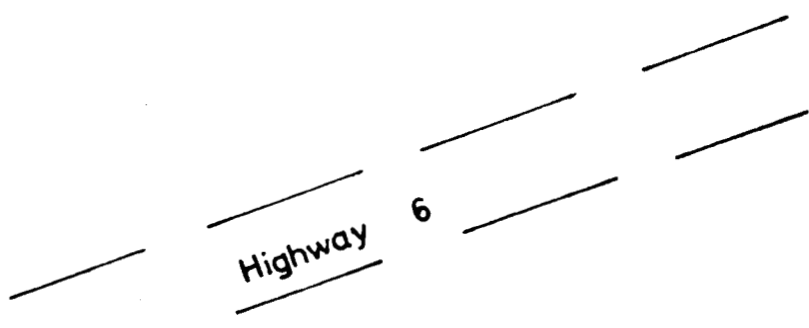
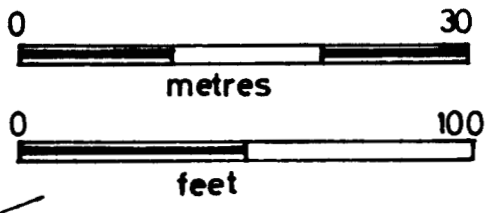
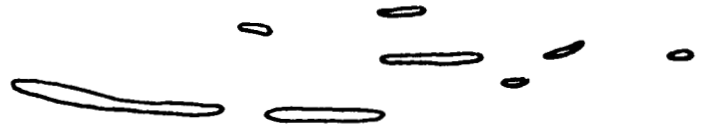
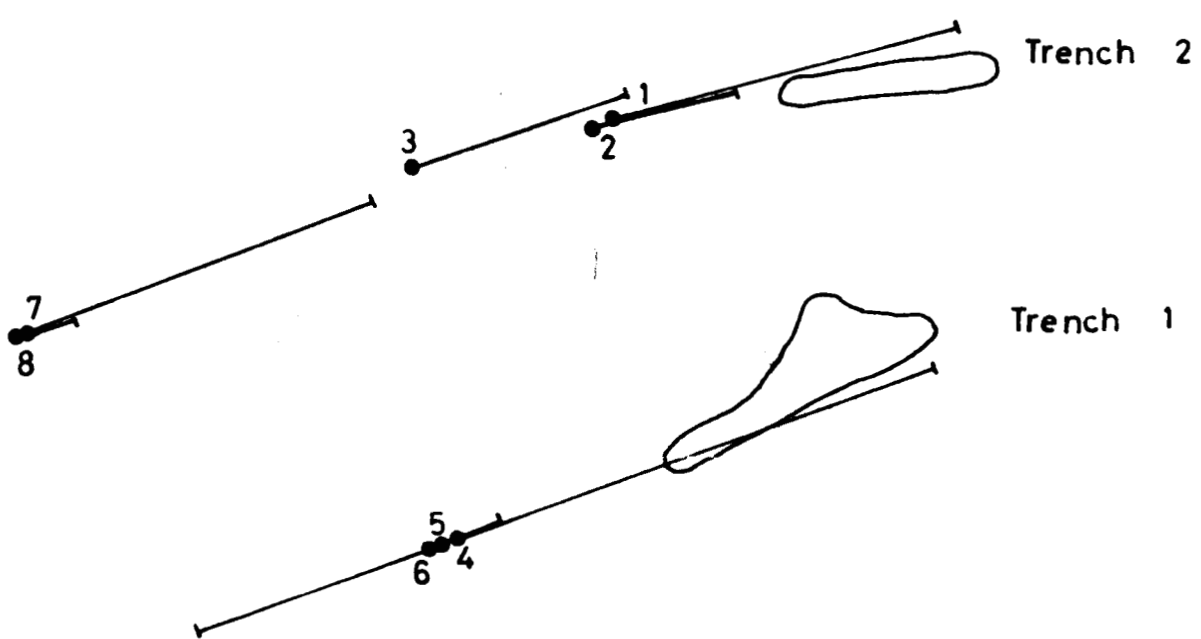
Monashee Pass, B.C.

Drill Hole Locations

scale 1:500

August 11, 1983

KLD





REFERENCES

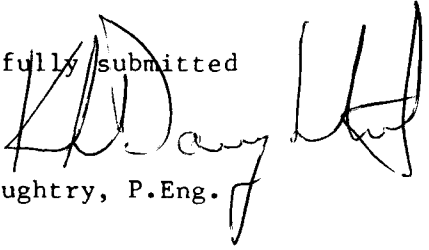
- |                        |           |  |
|------------------------|-----------|--|
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| --                     | (1974)    | Diamond Drill Report on GOLD and TOP Claims, Assessment Report 4946            |
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| --                     | (1973)    | Report on GOLD and TOP Mineral Claims, Vernon M.D., for New Cinch Uranium Ltd. |
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| Jones, A.G.            | (1959)    | Vernon Map Area, G.S.C. Memoir 296   |
| Mitchell, M.A.         | (1977)    | Report on GOLD Mineral Claims, Vernon M.D.                                     |
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CONCLUSIONS and RECOMMENDATIONS

Eight holes, totalling 323.7 metres, were drilled to test the extension of the gold-silver showings discovered in the trenches on the steep hillside above Highway 6. The drill results indicate that economically significant gold and silver values occur with pyritic and arsenopyrite mineralization in intensely altered and sheared granodiorite and trachyte dykes.

Further trenching and drilling are required to evaluate the potential of this deposit.

Respectfully submitted

  
K.L. Daughtry, P.Eng.

Vernon, B.C.

March 8, 1984

STATEMENT OF COSTS

## A. Costs incurred prior to August 11, 1983

Adam Diamond Drilling (per contract)		\$30,933.92
Core Logging and Supervision July 15,16,18,20,27, Aug 1,2 1983 K.L. Daughtry 8 days @\$275/diem		2,200.00
Report Writing and Data Compilation K.L. Daughtry 2.5 days @ \$275/diem		687.50
Supervision and Core Splitting Jesmex Developments Ltd. July 18-Aug 2, 1983 15 days @ \$175/diem		2,625.00
Craig Lynes July 18,19,20,21,26 4.5 days @ \$115/diem		517.50
Transport 4 x 4 truck July 15,16,18-31, Aug 12 17 days @ \$40/day		680.00
Food & Lodging July 18 - Aug 2 15 days @ \$40/day		600.00
Geochemistry		
Rock samples assay		
68 Au & Ag @ \$12.50	\$850.00	
Rock samples analysed		
62 As @ \$3.25	201.50	
40 Sb @ \$3.75	150.00	
40 Hg @ \$4.00	160.00	
68 sample preparations @ \$2.75	<u>187.00</u>	1,548.50
Field Supplies		50.00
Office, telephone, secretarial		<u>200.00</u>
Total		\$40,042.42

## B Costs incurred after August 12, 1983

## Supervision and Core logging

August 18,29

K.L. Daughtry 2 days @ \$275/day

550.00

## Supervision and Core splitting

Jesmex Developments Ltd. 5.5 days @ \$175/day

Aug. 15 - 20, 1983

962.50

## Geochemistry

Rock samples assay

32 Au &amp; Ag @ \$12.50

\$400.00

Rock samples analysed

30 As @ \$3.25

97.50

11 Sb @ \$3.75

41.25

11 Hg @ \$4.00

44.00

32 sample preparations @ \$2.75

88.00

670.75

## Freight

51.35

Total

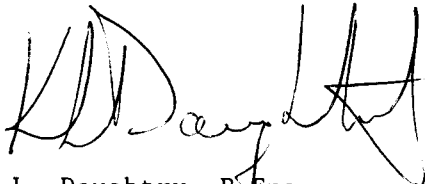
\$ 2,234.60

STATEMENT OF QUALIFICATIONS

I, KENNETH L. DAUGHTRY, of R.R. #4, Vernon, British Columbia, DO HEREBY CERTIFY that:

1. I am a Consulting Geologist in mineral exploration.
2. I have been practising my profession for nineteen years in Canada, the United States and Ireland.
3. I am a graduate of Carleton University, Ottawa, with a Bachelor of Science degree in Geology and Chemistry.
4. I am a member of the Associations of Professional Engineers of British Columbia, Ontario, and Yukon Territory, and a Fellow of the Geological Association of Canada.
5. This report is based upon knowledge of the TOP property gained from an examination of the showings on the property, from the study of numerous assessment reports on the property, from conducting previous surveys on the property, and from supervision of the work herein described.
6. I hold a beneficial interest in the TOP property.

Vernon, B.C.  
March 8, 1984

  
K. L. Daughtry, P.Eng.