

84-#855-13160

7/88

GEOLOGY AND SOIL GEOCHEMICAL SURVEY REPORT
ON THE
TAG #1, TAG #2, TANGO #3, TANGO#4 AND CAVE
MINERAL CLAIMS
KANGAROO MOUNTAIN AREA
CARIBOO MINING DIVISION
NTS 93A/12E
LATITUDE 52° 44'N LONGITUDE 121° 43'W

for

NCN EXPLORATION & DEVELOPMENT CORP.

by

E & B EXPLORATIONS INC.
1440-800 West Pender Street
Vancouver, B.C.
V6C 2V6

FIELD WORK PERIOD: July 18 TO July 28, 1984

WRITTEN BY: R.G. Simpson, Project Geologist

DATE OF REPORT: September 28, 1984
GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,160

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SECTION A

SECTION A - SUMMARY OF WORK

INTRODUCTION

The Tango, Tag and Cave claims consisting of 95 units are located on Kangaroo Mountain in the Cariboo Mining Division and are owned by NCN Exploration and Development Corp.

An exploration program consisting of reconnaissance soil geochemical sampling supplemented by geologic mapping was carried out on the claim group between July 18 and July 28, 1984.

LOCATION AND ACCESS

The Tango, Tag and Cave claims are located on Kangaroo Mountain at the southern tip of the Cottonwood Provincial Forest north of the Quesnel River and extend eastward to Kangaroo Creek.

Access is from Williams Lake via the Likely road then north across the Cariboo River. From here a logging/forestry access road leads northwest along Spinks Creek and past Wolverine Lake. Approximately 10 km from the turnoff, a 4 wheel drive access road proceeds down Kangaroo Creek to a camp at the south bend of the creek.

PHYSICAL TOPOGRAPHY AND ENVIRONMENT

The claims lie in an area of moderate topography with elevation ranging from 940 m in the canyon of Kangaroo Creek to 1452 m at the peak of Kangaroo Mountain 5.3 km to the northwest.

Two minor creeks typified by extensive open swampy areas drain into Kangaroo Creek from the northwest and cross the TANGO 4 and the TAG 1 and 2 claims.

The area is heavily forested with spruce, fir, pine and hemlock. Undergrowth varies from sparse to thick scrub alder with devil's club common locally. Open slide areas on the upper flanks of Kangaroo Mountain are overgrown with almost impenetrable masses of scrub alder.

Outcrop is generally limited to the crests and flanks of ridges with good exposures along the canyon of Kangaroo Creek.

The area receives a moderate to high amount of precipitation with heavy winter snowfalls.

CLAIM STATUS

NCN Exploration and Development Corporation is the sole owner of the TANGO #3, TANGO #4, TAG #1, TAG #2 and CAVE claims.

CLAIM DATA

<u>Claim</u>	<u>Units</u>	<u>Record No.</u>	<u>Record Date</u>	<u>Expiry Date</u>
Cave	15	4485	July 26, 1982	July 26, 1984
Tag #1	20	4211	December 24, 1981	December 24, 1984
Tag #2	20	4212	December 24, 1981	December 24, 1984
Tango #3	20	3050	November 20, 1980	November 20, 1984
Tango #4	<u>20</u>	3051	November 20, 1980	November 20, 1984
	95			

GEOLOGY AND GEOPHYSICS

The claims are underlain by a basic volcanic sequence of Upper Triassic to Lower Jurassic age. A regional airborne magnetometer survey flown by E & B Explorations failed to detect any magnetic highs that might reflect major intrusions or dyke systems and none were seen in outcrop exposures.

The bedding is essentially homoclinal striking to the northwest and dipping 65 to 70° northeast. Jointing is well developed in massive lithic tuff in Kangaroo Creek and barren quartz-carbonate veins up to 25 cm in width were noted here and near the baseline at 1350 m west.

The most common rock types found in outcrop are resistant lithic tuff and tuff breccia containing interbeds of lapilli tuff. These lithologies show little or no variation throughout the property and lithic tuff exposed on ridges of Kangaroo Mountain are indistinguishable from those cropping out in Kangaroo Creek four kilometres to the east.

Less resistant rock types consist of thinly bedded to laminated tuff and tuffaceous argillite. These lithologies are also widespread from the southeastern corner of the property to Kangaroo Mountain. Minor pyrrhotite and pyrite are present in these fine grained rocks.

Also seen in outcrop but not as common were massive basaltic flows and tuff breccia containing clasts of lithic tuff and argillite. An exposure of tuff breccia in Kangaroo Creek contains disseminated blebs of pyrrhotite in the matrix.

Fourteen representative samples of the various rock types were geochemically analysed for gold at Min-en Laboratories. None carried over 10 ppb gold and the average gold content was 5 ppb. The locations and gold values of the rock samples along with geology is plotted on map T-84-3.

No significant propylitic or carbonate alteration zones were discovered during the course of the exploration work. Minor fault zones mineralized with pyrite, pyrrhotite and limonite were not anomalous in gold.

A regional airborne geophysical survey was carried out by J.T. Walker Mining Geophysics for E & B Explorations Inc. during the period from June 6 or June 11, 1984. The purpose of the survey was to provide data for compiling a low level aeromagnetic contour map and to locate zones of conductivity at the VLF frequencies (21.4 kHz - 24.8 kHz). The survey was flown by a Bell 206-B helicopter at a 60 meter terrain clearance. Lines were oriented north-south and spaced 250 meters apart.

Results from the survey show that the area enclosed by the Tag, Tango and Cave claims is relatively low in total magnetic field strength with relief limited to approximately 300 gammas. Composite alkalic stocks and dyke complexes such as those present at Cariboo Bell and the QR gold deposit exhibit strong magnetic responses with local relief in the order of several 1000 gammas.

The VLF-EM responses over the claim group are weak. Four minor anomalies show relative field strength increases from 6 to 10% and lie within the soil survey grid. Lacking any gold geochemical response, the anomalies are not considered worthy of further investigation.

Magnetic contours and VLF anomalies are plotted on map T-84-3.

SOIL GEOCHEMICAL SURVEY

A reconnaissance soil geochemical survey comprising 303 samples over 30.3 line kilometers was carried out by a four man crew between July 22 and July 28, 1984. Samples were analyzed for gold at Vangeochem Laboratories in Vancouver.

A previously cut baseline running due west from the legal corner post for the TAG claims was used as a reference for the sampling grid. Soil samples were collected from the "B" horizon at a depth of 15 to 30 cm at 100 meter intervals along lines spaced 400 meters apart. Areas of open swamp were generally avoided limiting coverage in the northeastern half of the TAG #1 claim and some areas within the TANGO #4 and TAG #2 claims.

Soil samples for geochemical analysis were dried and sieved to minus 100 mesh. A 5 to 10 gram sample was then digested with Aqua Regia and analyzed for gold by atomic absorption spectroscopy.

Rock and residual soils of this region normally contain a background gold content of 5 to 10 ppb. Generally 30 to 50 ppb is considered weakly anomalous, 50 to 100 ppb moderately anomalous and greater than 100 ppb strongly anomalous. Analytical results from the 303 soil samples from the claim group indicate a background gold content of less than 5 ppb. Three of the samples attained a value of 20 ppb and one sample would be considered weakly anomalous at 40 ppb.

Three silt samples taken from creeks flowing east and southeast from Kangaroo Mountain were not anomalous.

Soil samples were also analyzed for silver using the atomic absorption method. Silver content of the soils averaged 0.6 ppm. Nine out of the 306 samples analyzed contained greater than 2 ppm silver with a maximum attained value of 3.3 ppm. The anomalous samples were widely spaced and apparently unrelated.

Results are plotted on map T-84-4.

SUMMARY AND RECOMMENDATIONS

The TANGO, TAG and CAVE group of mineral claims are located on Kangaroo Mountain northwest of Likely, B.C. The Quesnel River gold deposit, reported to contain reserves of 1 million tons grading 0.20 oz Au/ton, lies 7 km to the southwest.

The claims are underlain by a sequence of basic volcanoclastic tuffs and flows of Upper Triassic to Lower Jurassic age. Preliminary geologic mapping and airborne geophysical data have failed to detect any indication of intrusive activity.

A total of 30.3 line km of soil geochemical sampling for gold and silver was carried out between July 22 and July 28, 1984. No significant gold enrichment was found to be present in the sampled areas and the mean gold value was below the detection limit of 5 ppb.

The CAVE claim and the western portions of the TANGO claims are too remote from road access to be accessible by foot for the purpose of running soil lines. Detailed exploration in this area would require helicopter support and the cutting of landing sites on Kangaroo Mountain. Due to the lack of airborne magnetic or VLF anomalies and the absence any significant alternation or favourable geology on Kangaroo Mountain the cost of a helicopter supported program is unjustified.

In view of the results obtained from the reconnaissance soil geochemical survey and the apparent lack of any intrusive related features, propylitic alteration or pyritization of the volcanic rocks, the property is not considered to be a target for a bulk disseminated gold deposit. Consequently, no further exploration expenditures are recommended.



Respectfully submitted,

A handwritten signature in cursive script, appearing to read "R. G. Simpson".

R.G. Simpson
Project Geologist

/cp

SECTION B

SECTION B - STATEMENT OF COSTS

Work Period: July 18 to July 28, 1984

ACCOMMODATION & CAMP SUPPLIES:		\$808.22
TRAVEL:		223.85
ANALYTICAL:		2,436.00
Vangeochem 306 soil analyses - Au, Ag.		
Min-en 14 rock analyses - Au		
DRAFTING & REPORT PREPARATION:		500.00
FIELD SUPPLIES:		784.16
EQUIPMENT RENTAL:		406.59
Rentway 4 wheel drive truck - 8 days		
SALARIES:		
R. Simpson, geologist 12 days @ \$250/day	\$3,000.00	
R. Williams, sampler 6 days @ \$100/day	600.00	
B. Bachofer, sampler 4 days @ \$100/day	400.00	
D. Lindstrom, assistant 4 days @ \$75/day	300.00	
D. Hutton, assistant 6 days @ \$75/day	450.00	4,750.00
SHIPPING:		26.98
TOTAL		<u>\$9,935.80</u>

SECTION C

STATEMENT OF QUALIFICATIONS
RONALD G. SIMPSON

1. Attended the University of British Columbia and graduated in May 1975 with an honours B.Sc. degree in Geology.
2. Is a fellow of the Geological Association of Canada.
3. Has carried out his profession continuously since 1975 and has been employed as a project geologist with E & B Explorations Inc. since March 1981.



Respectfully submitted,

A handwritten signature in black ink, appearing to read "R.G. Simpson".

R.G. Simpson
Project Geologist

/cp

SECTION D

LS
RS

VANGEOCHEM LAB LIMITED



MAIN OFFICE
1521 Pemberton Ave.
North Vancouver B.C. V7P 2S3
(604)986-5211 Telex: 04-352578

BRANCH OFFICE
1630 Pandora St.
Vancouver B.C. V5L 1L6
(604)251-5656

GEOCHEMICAL ANALYTICAL REPORT



CLIENT: E & B EXPLORATION INC.
ADDRESS: #1440, 800 West Pender Street
: Vancouver B.C.
: V6C 2V6

DATE: August 14 1984
REPORT#: 84-39-034
JOB#: 84320

PROJECT#: 5203 TANGO
SAMPLES ARRIVED: August 1 1984
REPORT COMPLETED: August 14 1984
ANALYSED FOR: Au
SAMPLES FROM: R, SIMPSON - E & B
COPY SENT TO: E & B EXPLORATION INC.

INVOICE#: 8129
TOTAL SAMPLES: 306
SAMPLE TYPE: 302 S, 1 R & 3 L
REJECTS: DISCARDED

PREPARED FOR: E & B EXPLORATION INC.

ANALYSED BY: VGC Staff

SIGNED: *G. Chum*

GENERAL REMARK: None

VANGECHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: E & B EXPLORATION INC.

NOTES: nd = none detected
: — = not analysed
: is = insufficient sample

REPORT NUMBER: 84-39-034

JOB NUMBER: 84320

PAGE 1 OF 8

SAMPLE #	Au
	ppb
0+00W 0N	nd
0+00W 100N	nd
0+00W 200N	nd
0+00W 300N	nd
0+00W 400N	nd
0+00W 500N	10
0+00W 600N	nd
0+00W 700N	10
0+00W 800N	nd
0+00W 900N	nd
0+00W 1000N	nd
0+00W 1100N	nd
0+00W 1200N	5
0+00W 1300N	nd
0+00W 1400N	nd
0+00W 1500N	5
0+00W 1600N	nd
0+00W 1700N	10
0+00W 1800N	nd
0+00W 1900N	nd
0+00W 2000N	nd
900W 0+00N	nd
900W 200N	nd
900W 300N	5
900W 400N	nd
900W 500N	nd
900W 600N	nd
900W 700N	10
900W 800N	nd
900W 900N	nd
900W 1000N	nd
900W 1200N	nd
900W 1300N	nd
900W 1400N	10
900W 1500N	5
900W 1600N	nd
900W 1700N	nd
900W 1800N	10
900W 1900N	nd
DETECTION LIMIT	5

VANGEDICHEN LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 966-5211 Telex: 04-352578

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NOTES: nd = none detected
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: is = insufficient sample

REPORT NUMBER: 04-39-034

JOB NUMBER: 04320

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SAMPLE #	Au
	oob
900W 2000N	nd
1300W 0+00N	nd
1300W 100N	nd
1300W 200N	nd
1300W 300N	nd
1300W 400N	nd
1300W 500N	nd
1300W 600N	nd
1300W 700N	nd
1300W 800N	15
1300W 900N	nd
1300W 1000N	nd
1300W 1100N	nd
1300W 1500N	5
1300W 1600N	nd
1300W 1700N	15
1300W 1800N	20
1300W 1900N	nd
1300W 2000N	nd
1300W 2100N	5
1300W 2200N	nd
1300W 2300N	nd
1300W 2400N	10
1300W 2500N	5
1300W 2600N	nd
1300W 2700N	nd
1300W 2800N	5
1300W 2900N	nd
1300W 3000N	nd
1300W 3100N	5
1300W 3200N	nd
1700W 2000N	nd
1700W 2100N	nd
1700W 2200N	5
1700W 2300N	10
1700W 2400N	5
1700W 2500N	5
1700W 2600N	nd
1700W 2700N	nd
DETECTION LIMIT	5

VANBEECHER LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

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NOTES: nd = none detected
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REPORT NUMBER: 84-39-034 JOB NUMBER: 84320

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SAMPLE #	Au pob
1700W 2800N	nd
1700W 2900N	nd
1700W 3000N	nd
1700W 3200N	nd
1700W 3300N	nd
1700W 3400N	10
1700W 3500N	nd
1700W 3600N	nd
1800W 00N	nd
1800W 100N	nd
1800W 200N	nd
1800W 300N	15
1800W 500N	nd
1800W 600N	nd
1800W 700N	nd
1800W 800N	nd
1800W 900N	nd
1800W 1000N	nd
2100W 2500N	nd
2100W 2600N	nd
2100W 2700N	nd
2100W 2800N	nd
2100W 2900N	nd
2100W 3000N	nd
2100W 3100N	nd
2100W 3200N	nd
2100W 3300N	nd
2100W 3400N	10
2100W 3600N	10
2100W 3700N	5
2100W 3800N	nd
2100W 3900N	nd
2100W 4000N	nd
2200W 00N	nd
2200W 100N	nd
2200W 200N	5
2200W 300N	5
2200W 400N	5
2200W 500N	10
DETECTION LIMIT	5

WIMBECHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: E & F EXPLORATION INC.
NOTES: nd = none detected
: - = not analysed
: is = insufficient sample

REPORT NUMBER: 84-39-034 JOB NUMBER: 84328

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SAMPLE #	Au
	ppb
2200W 600N	5
2200W 700N	nd
2200W 800N	10
2200W 900N	5
2200W 1000N	nd
2200W 1100N	nd
2200W 1200N	5
2200W 1300N	40
2200W 1400N	5
2200W 1500N	5
2200W 1600N	nd
2200W 1700N	nd
2200W 1800N	nd
2200W 1900N	nd
2200W 2000N	5
2400W 000N	5
2400W 100N	nd
2400W 200N	nd
2400W 300N	nd
2400W 400N	nd
2400W 500N	nd
2400W 600N	10
2400W 700N	5
2400W 800N	nd
2400W 900N	nd
2400W 1000N	5
2400W 1100N	5
2400W 1200N	nd
2400W 1300N	nd
2400W 1400N	5
2400W 1500N	5
2400W 1600N	nd
2400W 1700N	10
2400W 1800N	nd
2400W 1900N	5
2400W 2000N	10
2500W 3100N	5
2500W 3200N	nd
2500W 3300N	nd
DETECTION LIMIT	5

VANBEECHEN LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 84-352578

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NOTES: nd = none detected
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REPORT NUMBER: 84-39-034

JOB NUMBER: 84320

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SAMPLE #	Au ppb
2500W 3400N	nd
2500W 3500N	5
2500W 3600N	nd
2500W 3700N	nd
2500W 3800N	nd
2500W 4000N	nd
2800W 800N	nd
2800W 100N	nd
2800W 200N	nd
2800W 300N	nd
2800W 400N	nd
2800W 500N	nd
2800W 600N	nd
2800W 700N	nd
2800W 800N	nd
2800W 900N	nd
2800W 1000N	nd
2800W 1100N	nd
2800W 1200N	nd
2800W 1300N	nd
2800W 1400N	nd
2800W 1500N	nd
2800W 1600N	nd
2800W 1700N	nd
2800W 1800N	nd
2800W 1900N	5
2800W 2000N	5
2900W 2000N	nd
2900W 2100N	5
2900W 2300N	10
2900W 2400N	5
2900W 2500N	nd
2900W 2600N	nd
2900W 2700N	nd
2900W 2800N	nd
2900W 2900N	nd
2900W 3000N	nd
3200W 0+00N	nd
3200W 100N	5
DETECTION LIMIT	5

VANBEOCHEN LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 966-5211 Telex: 04-352578

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NOTES: nd = none detected
: — = not analysed
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REPORT NUMBER: 84-39-034 JOB NUMBER: 84320

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SAMPLE #	Au ppb
3200W 300N	nd
3200W 400N	nd
3200W 500N	nd
3200W 600N	5
3200W 700N	5
3200W 800N	10
3200W 900N	10
3200W 1000N	5
3200W 1100N	5
3200W 1200N	nd
3200W 1300N	nd
3200W 1400N	nd
3200W 1500N	nd
3200W 1600N	5
3200W 1700N	10
3200W 1800N	nd
3200W 1900N	nd
3200W 2000N (A)	nd
3200W 2000N (B)	5
3200W 2100N R&K	nd
3200W 2200N	nd
3200W 2300N	15
3200W 2400N	nd
3200W 2500N	nd
3200W 2600N	nd
3200W 2700N	5
3200W 2800N	5
3200W 2900N	nd
3400W 3000N	nd
3400W 3100N	5
3400W 3200N	nd
3400W 3300N	10
3400W 3400N	15
3400W 3500N	nd
3600W 0+00N	nd
3600W 100N	nd
3600W 200N	5
3600W 300N	nd
3600W 400N	nd
DETECTION LIMIT	5

VANBODDEN LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

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NOTES: nd = none detected
: — = not analysed
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REPORT NUMBER: 84-39-034

JOB NUMBER: 84320

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SAMPLE #	Au ppb
3600W 500N	5
3600W 600N	nd
3600W 700N	nd
3600W 800N	5
3600W 900N	10
3600W 1000N	nd
3600W 1100N	nd
3600W 1300N	nd
3600W 1400N	nd
3600W 1500N	nd
3600W 1600N	nd
3600W 1700N	nd
3600W 1800N	5
3600W 1900N	5
3600W 2000N	nd
3600W 2100N	nd
3600W 2200N	nd
3600W 2300N	nd
3600W 2400N	5
3600W 2500N	nd
3600W 2600N	10
3600W 2700N	nd
3600W 2800N	nd
3600W 2900N	nd
3600W 3000N	nd
3600W 3100N	nd
3600W 3200N	nd
3600W 3300N	nd
3600W 3400N	5
3600W 3500N	10
4000W 900N	nd
4000W 1000N	nd
4000W 1100N	5
4000W 1200N	10
4000W 1300N	nd
4000W 1400N	15
4000W 1500N	10
4000W 1600N	5
4000W 1700N	nd
DETECTION LIMIT	5

VANBEECHER LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352576

PREPARED FOR: E & B EXPLORATION INC.
NOTES: nd = none detected
: — = not analysed
: is = insufficient sample

REPORT NUMBER: 84-39-034 JOB NUMBER: 84320

PAGE 8 OF 8

SAMPLE #	Au ppb
4000W 1800N	nd
4000W 1900N	10
4000W 2000N	10
4000W 2500N	5
4000W 2600N	nd
4000W 2700N	nd
4000W 2800N	5
4000W 2900N	10
4000W 3000N	15
4400W 900N	15
4400W 1000N	nd
4400W 1100N	5
4400W 1200N	5
4400W 1300N	5
4400W 1400N	10
4400W 1500N	nd
4400W 1600N	nd
4400W 1700N	5
4400W 1800N	nd
4400W 1900N	10
4400W 2000N	nd
4400W 2100N	5
4400W 2200N	5
4400W 2300N	10
4400W 2400N	5
4400W 2500N	nd
4400W 2600N	15
4400W 2800N	nd
4400W 2900N	10
4400W 3000N	nd
<i>Silt</i> { 2000N 2950W	nd
2000N 4585W	10
2000N 5250W	20
DETECTION LIMIT	5

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 Pemberton Ave.
North Vancouver B.C. V7P 2S3
(604)986-5211 Telex: 04-352578

BRANCH OFFICE
1630 Pandora St.
Vancouver B.C. V6L 1L6
(604)251-5656

GEOCHEMICAL ANALYTICAL REPORT

CLIENT: MASCOT GOLD MINES LTD.
ADDRESS: #1440, 800 West Pender Street
: Vancouver, B.C. V6C
: V6C 2V6

DATE: Sept 10 1984

REPORT#: 84-39-036
JOB#: 84320

PROJECT#: 5203
SAMPLES ARRIVED: August 1 1984
REPORT COMPLETED: Sept 10 1984
ANALYSED FOR: Ag
SAMPLES FROM: MASCOT GOLD MINES LTD.
COPY SENT TO: MASCOT GOLD MINES LTD.

INVOICE#: 8267
TOTAL SAMPLES: 306
SAMPLE TYPE: 302S 1R 3L
REJECTS: DISCARDED

PREPARED FOR: MASCOT GOLD MINES LTD.

ANALYSED BY: VGC Staff

SIGNED: _____

GENERAL REMARK: None

WIMBLEDEN LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: WASCOT GOLD MINES LTD.

NOTES: nd = none detected
: - = not analysed
: is = insufficient sample

REPORT NUMBER: 84-39-036 JOB NUMBER: 84320

PAGE 1 OF 8

SAMPLE #	Ag ppm
0+00W 0N	.5
0+00W 100N	.6
0+00W 200N	.4
0+00W 300N	.3
0+00W 400N	1.0
0+00W 500N	.9
0+00W 600N	.2
0+00W 700N	.3
0+00W 800N	1.0
0+00W 900N	.5
0+00W 1000N	.3
0+00W 1100N	.4
0+00W 1200N	1.0
0+00W 1300N	1.9
0+00W 1400N	.3
0+00W 1500N	1.5
0+00W 1600N	1.6
0+00W 1700N	2.4
0+00W 1800N	.4
0+00W 1900N	.2
0+00W 2000N	.1
900W 0+00N	.6
900W 200N	.2
900W 300N	.2
900W 400N	.2
900W 500N	.3
900W 600N	.4
900W 700N	.2
900W 800N	.1
900W 900N	.3
900W 1000N	.4
900W 1200N	nd
900W 1300N	.2
900W 1400N	1.6
900W 1500N	.7
900W 1600N	.4
900W 1700N	3.0
900W 1800N	.1
900W 1900N	.2
DETECTION LIMIT	0.1

VANBEECHER LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: MASCOT GOLD MINES LTD.

NOTES: nd = none detected
: — = not analysed
: is = insufficient sample

REPORT NUMBER: 84-39-036 JOB NUMBER: 84320

PAGE 2 OF 8

SAMPLE #	Ag ppm
900N 2000N	.8
1300N 0+00N	2.1
1300N 100N	.8
1300N 200N	.6
1300N 300N	.4
1300N 400N	.5
1300N 500N	.2
1300N 600N	.4
1300N 700N	.2
1300N 800N	.2
1300N 900N	.7
1300N 1000N	.7
1300N 1100N	.5
1300N 1500N	.3
1300N 1600N	.2
1300N 1700N	.2
1300N 1800N	.2
1300N 1900N	.2
1300N 2000N	nd
1300N 2100N	.9
1300N 2200N	.4
1300N 2300N	2.7
1300N 2400N	1.1
1300N 2500N	.6
1300N 2600N	.9
1300N 2700N	.6
1300N 2800N	.7
1300N 2900N	.4
1300N 3000N	1.7
1300N 3100N	.7
1300N 3200N	.3
1700N 2000N	.6
1700N 2100N	.9
1700N 2200N	.1
1700N 2300N	.3
1700N 2400N	.2
1700N 2500N	.2
1700N 2600N	.3
1700N 2700N	.3
DETECTION LIMIT	0.1

WANGCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: MASCOT GOLD MINES LTD.

NOTES: nd = none detected
: - = not analysed
: is = insufficient sample

REPORT NUMBER: 84-39-036 JOB NUMBER: 84320

PAGE 3 OF 8

SAMPLE #	Ag ppm
1700W 2800N	.4
1700W 2900N	.1
1700W 3000N	.3
1700W 3200N	.2
1700W 3300N	.8
1700W 3400N	.5
1700W 3500N	.8
1700W 3600N	1.0
1800W 00N	.1
1800W 100N	.2
1800W 200N	.1
1800W 300N	.3
1800W 500N	.1
1800W 600N	.1
1800W 700N	.5
1800W 800N	.2
1800W 900N	.3
1800W 1000N	.3
2100W 2500N	.1
2100W 2600N	.5
2100W 2700N	.2
2100W 2800N	.6
2100W 2900N	.7
2100W 3000N	.3
2100W 3100N	.4
2100W 3200N	nd
2100W 3300N	.2
2100W 3400N	.4
2100W 3600N	.8
2100W 3700N	.4
2100W 3800N	.2
2100W 3900N	nd
2100W 4000N	.1
2200W 00N	.4
2200W 100N	.1
2200W 200N	.2
2200W 300N	.1
2200W 400N	2.5
2200W 500N	1.0
DETECTION LIMIT	0.1

VANDECHER LAB LIMITED

1521 Peaberton Avenue

North Vancouver B.C. V7P 2S3

(604) 986-5211 Telex: 04-352578

PREPARED FOR: WASCOT GOLD MINES LTD.

NOTES: nd = none detected

: — = not analysed

: is = insufficient sample

REPORT NUMBER: 84-39-036

JOB NUMBER: 84320

PAGE 4 OF 8

SAMPLE #	Ag ppm
2200W 600N	.2
2200W 700N	.1
2200W 800N	.4
2200W 900N	.2
2200W 1000N	.3
2200W 1100N	.4
2200W 1200N	.5
2200W 1300N	1.1
2200W 1400N	.4
2200W 1500N	.8
2200W 1600N	.8
2200W 1700N	.4
2200W 1800N	.8
2200W 1900N	.5
2200W 2000N	.1
2400W 000N	nd
2400W 100N	.2
2400W 200N	.3
2400W 300N	.3
2400W 400N	.4
2400W 500N	.3
2400W 600N	.6
2400W 700N	.2
2400W 800N	.2
2400W 900N	1.0
2400W 1000N	3.2
2400W 1100N	1.0
2400W 1200N	.2
2400W 1300N	.3
2400W 1400N	.2
2400W 1500N	.1
2400W 1600N	.3
2400W 1700N	.1
2400W 1800N	.5
2400W 1900N	.6
2400W 2000N	.9
2500W 3100N	.3
2500W 3200N	.4
2500W 3300N	.1
DETECTION LIMIT	0.1

WIMBACHER LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 966-5211 Telex: 04-352578

PREPARED FOR: MASCOT GOLD MINES LTD.

NOTES: nd = none detected
: - = not analysed
: is = insufficient sample

REPORT NUMBER: 84-39-836 JOB NUMBER: 84320

PAGE 5 OF 8

SAMPLE #	Ag ppm
2500W 3400N	.5
2500W 3500N	.3
2500W 3600N	.7
2500W 3700N	.9
2500W 3800N	.2
2500W 4000N	.3
2800W 000N	.2
2800W 100N	.9
2800W 200N	.7
2800W 300N	.3
2800W 400N	.2
2800W 500N	.2
2800W 600N	1.4
2800W 700N	.5
2800W 800N	.3
2800W 900N	.8
2800W 1000N	.9
2800W 1100N	1.2
2800W 1200N	.4
2800W 1300N	.5
2800W 1400N	.2
2800W 1500N	1.6
2800W 1600N	2.2
2800W 1700N	.2
2800W 1800N	.4
2800W 1900N	.1
2800W 2000N	1.0
2900W 2000N	3.3
2900W 2100N	.9
2900W 2300N	nd
2900W 2400N	.2
2900W 2500N	.2
2900W 2600N	.4
2900W 2700N	.7
2900W 2800N	.5
2900W 2900N	.3
2900W 3000N	nd
3200W 0+00N	.3
3200W 100N	1.6
DETECTION LIMIT	0.1

VANBEECHEN LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 966-5211 Telex: 04-352578

PREPARED FOR: MASCOT GOLD MINES LTD.

NOTES: nd = none detected
: - = not analysed
: is = insufficient sample

REPORT NUMBER: 84-39-036

JOB NUMBER: 84320

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SAMPLE #	Ag ppm
3200W 300N	.3
3200W 400N	.3
3200W 500N	.4
3200W 600N	.6
3200W 700N	1.7
3200W 800N	2.2
3200W 900N	.8
3200W 1000N	.3
3200W 1100N	.7
3200W 1200N	.4
3200W 1300N	.3
3200W 1400N	.3
3200W 1500N	.5
3200W 1600N	1.1
3200W 1700N	.4
3200W 1800N	.2
3200W 1900N	nd
3200W 2000N (A)	.4
3200W 2000N (B)	1.0
3200W 2100N	nd
3200W 2200N	.7
3200W 2300N	1.8
3200W 2400N	.5
3200W 2500N	.3
3200W 2600N	.6
3200W 2700N	.7
3200W 2800N	.2
3200W 2900N	.7
3400W 3000N	.4
3400W 3100N	.6
3400W 3200N	.2
3400W 3300N	.1
3400W 3400N	.4
3400W 3500N	.5
3500W 0+00N	.9
3500W 100N	.3
3500W 200N	1.2
3500W 300N	.2
3500W 400N	.4
DETECTION LIMIT	0.1

VANBEECHER LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 966-5211 Telex: 04-352578

PREPARED FOR: MASCOT GOLD MINES LTD.

NOTES: nd = none detected
: — = not analysed
: is = insufficient sample

REPORT NUMBER: 04-39-036 JOB NUMBER: 04320

PAGE 7 OF 8

SAMPLE #	Ag ppm
3600W 500N	.6
3600W 600N	.5
3600W 700N	.2
3600W 800N	.7
3600W 900N	.7
3600W 1000N	.3
3600W 1100N	1.4
3600W 1300N	.3
3600W 1400N	.1
3600W 1500N	1.6
3600W 1600N	.4
3600W 1700N	.8
3600W 1800N	1.8
3600W 1900N	.6
3600W 2000N	.5
3600W 2100N	.9
3600W 2200N	.6
3600W 2300N	.3
3600W 2400N	.4
3600W 2500N	.8
3600W 2600N	.3
3600W 2700N	.4
3600W 2800N	.5
3600W 2900N	.2
3600W 3000N	.5
3600W 3100N	.2
3600W 3200N	.3
3600W 3300N	.7
3600W 3400N	.3
3600W 3500N	.4
4000W 900N	.2
4000W 1000N	.4
4000W 1100N	.5
4000W 1200N	.4
4000W 1300N	nd
4000W 1400N	.6
4000W 1500N	.5
4000W 1600N	.9
4000W 1700N	.3
DETECTION LIMIT	0.1

VANBEECHER LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: MASCOT GOLD MINES LTD.

NOTES: nd = none detected
: — = not analysed
: is = insufficient sample

REPORT NUMBER: 84-39-036

JOB NUMBER: 84320

PAGE 8 OF 8

SAMPLE #	Ag ppm
4000W 1800N	.9
4000W 1900N	.4
4000W 2000N	1.4
4000W 2500N	.8
4000W 2600N	.4
4000W 2700N	.4
4000W 2800N	1.2
4000W 2900N	1.6
4000W 3000N	.4
4100W 900N	1.3
4400W 1000N	.5
4400W 1100N	.8
4400W 1200N	1.8
4400W 1300N	.3
4400W 1400N	.1
4400W 1500N	1.8
4400W 1600N	.7
4400W 1700N	.9
4400W 1800N	.5
4400W 1900N	.5
4400W 2000N	.4
4400W 2100N	.3
4400W 2200N	.5
4400W 2300N	.3
4400W 2400N	.4
4400W 2500N	1.2
4400W 2600N	.9
4400W 2800N	.9
4400W 2900N	.5
4400W 3000N	.5
2000N 2950W	1.1
2000N 4585W	.7
2000N 5250W	1.2
DETECTION LIMIT	0.1

BK

TRINCO PROJECT

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project 5203 Date of report August 8/84.

File No. 4-700 Date samples received August 1/84.

Samples submitted by: R. Simpson

Company: E & B Explorations

Report on: 14 rocks *assay prep Geochem samples

Assay samples

Copies sent to:

1. E & B Explorations, Vancouver, B.C.
- 2.
- 3.

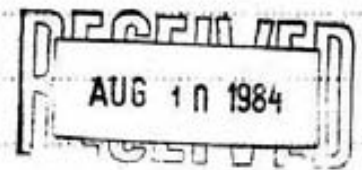
Samples: Sieved to mesh Ground to mesh -100

Prepared samples stored discarded

rejects stored discarded

Methods of analysis: Au-aqua regia.A.A.

Remarks:



GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: E & B EXPLORATIONS
PROJECT: 5203
ATTENTION: R. SIMPSON

FILE: 4-700
DATE: AUGUST 8/84
TYPE: ROCK GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 14 samples submitted.

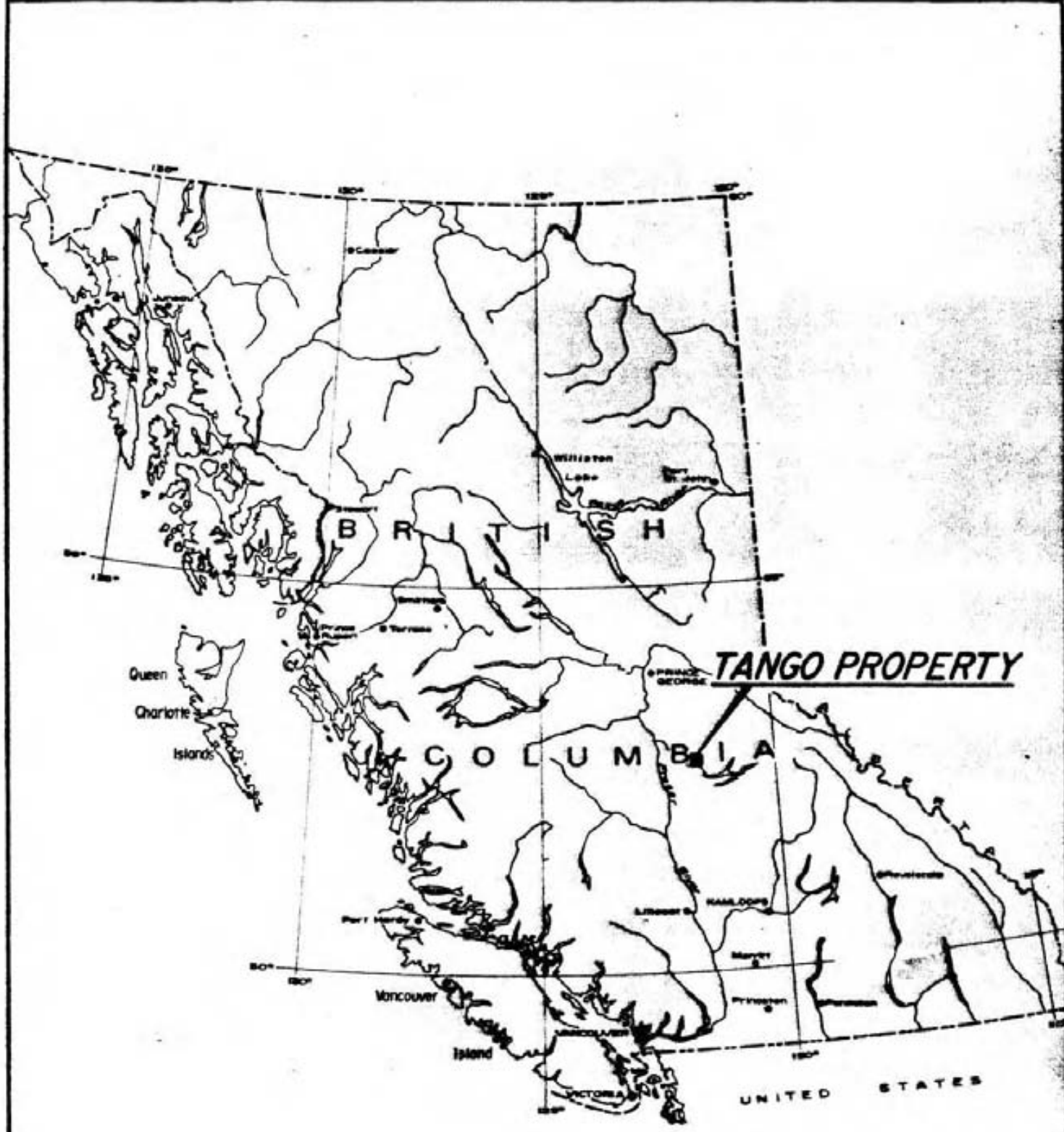
SAMPLE NUMBER	AU PPB
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53	10
54	5
55	<5
56	5
57	5
58	5
59	10
60	5
61	5
62	5
63	10
64	5
36465	5

RECEIVED
AUG 10 1984

Certified by



SECTION E



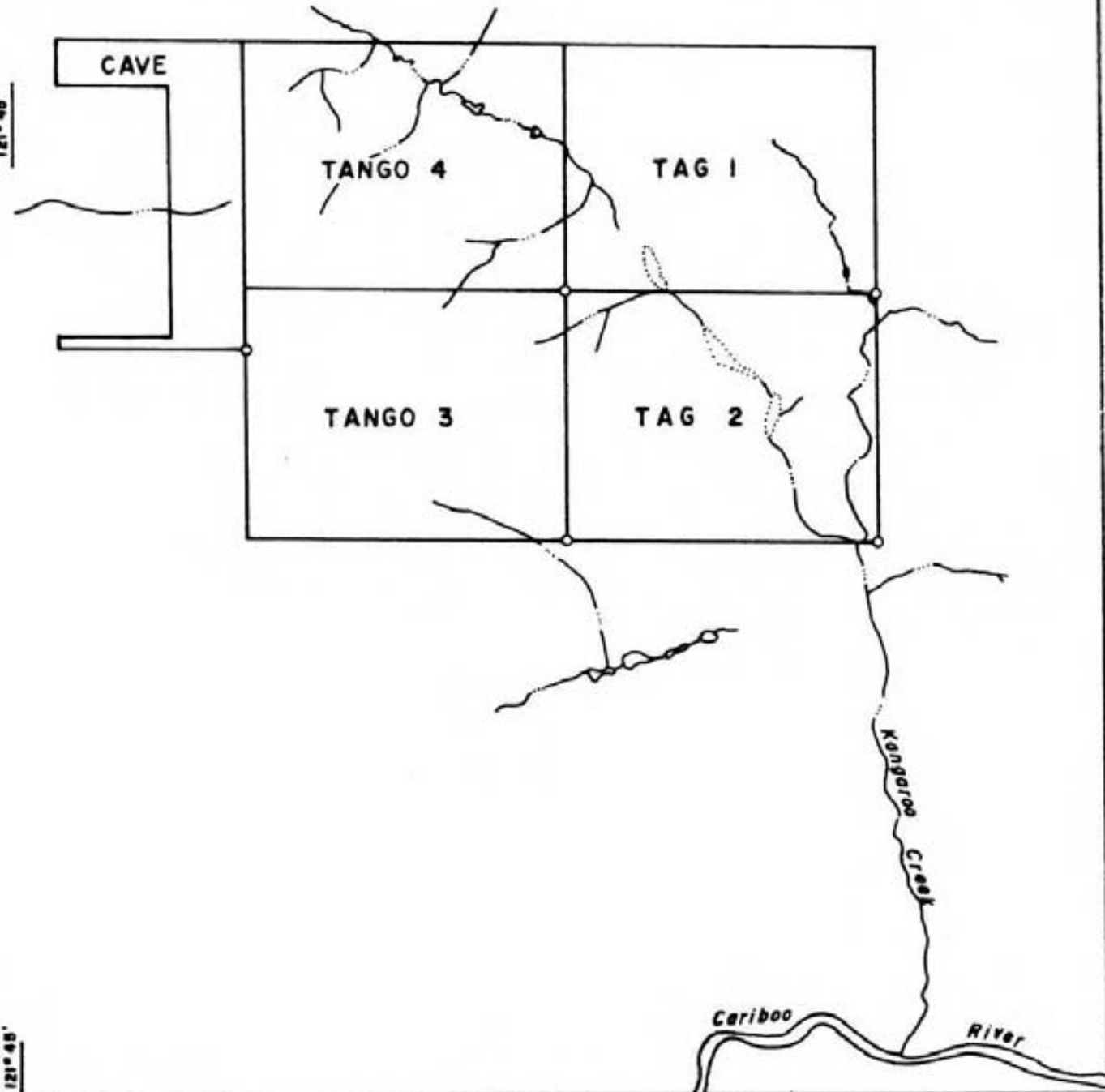
E & B EXPLORATIONS INC.	
LOCATION MAP	
TANGO	
100 50 0 100 200 SCALE IN MILES	
T-84-1	



92°45'

92°45'

121°48'



121°48'

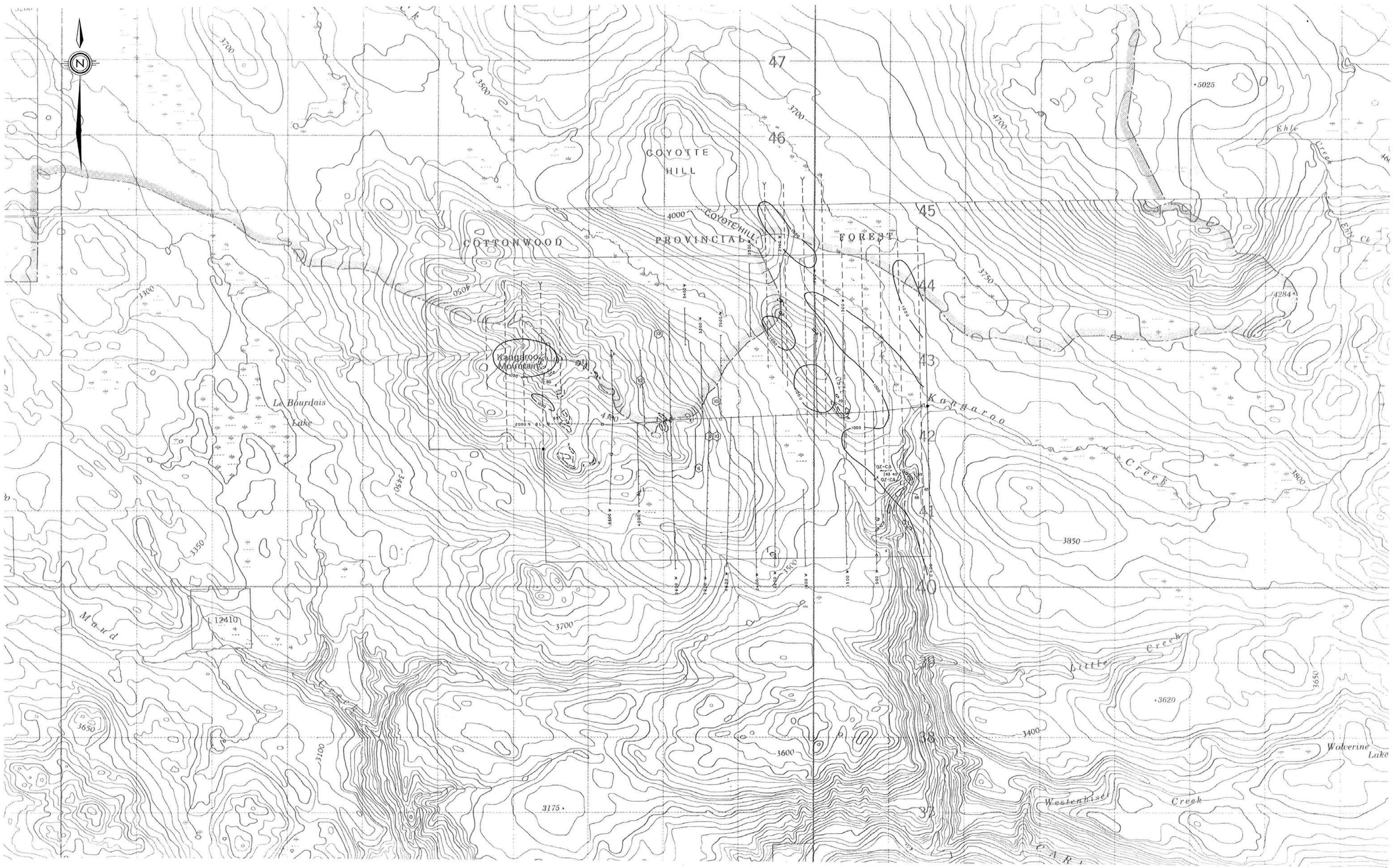


E & B EXPLORATIONS INC.
VANCOUVER CANADA

TANGO PROJECT

CLAIM MAP

DATE	OFFICE	DEPARTMENT	MAP INDEX NO.	SCALE	DRAWING NO.
SEPT. 84			93A/12E	1:50,000	T-84-2



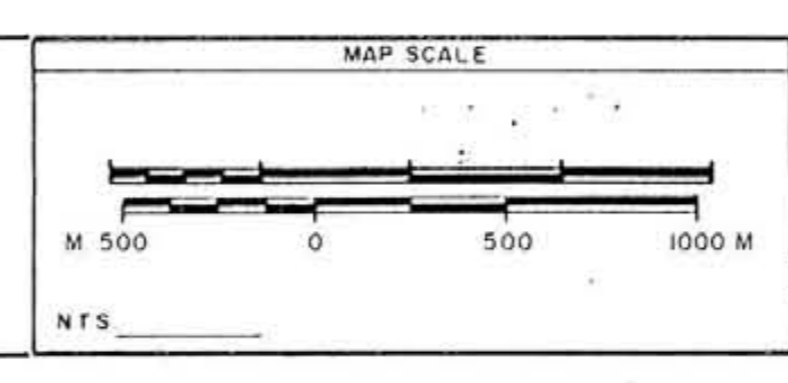
QUESNEL RIVER GROUP
UPPER TRIASSIC & LOWER JURASSIC

- LITHIC TUFF, TUFF BRECCIA, ARGILLITIC TUFF, MINOR BASIC FLOWS
- BEDDING ORIENTATION
- JOINT ORIENTATION
- FRACTURE ORIENTATION
- VEINS, FRACTURE FILLINGS (QUARTZ - CARBONATE)

VLF - EM ANOMALY SHOWING % INCREASE IN R.F.S.
 BAR INDICATES ANOMALY LENGTH ALONG FLIGHT LINE
 —1000— CONTOUR INTERVAL IN GAMMAS

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

13,160



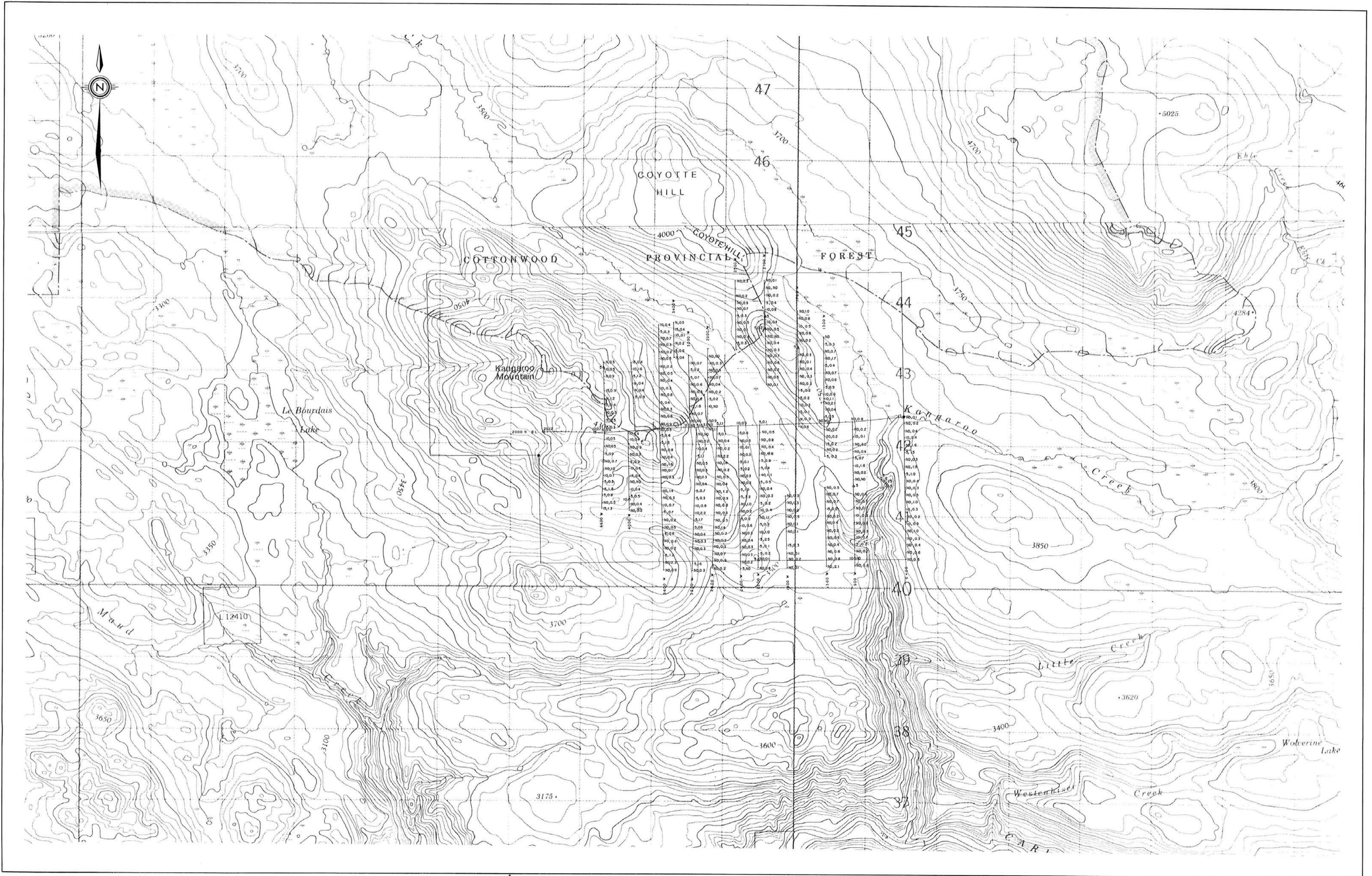
NO.	DATE	MADE BY	DESCRIPTION

DATE	DRAWN BY	CHECKED	APPROVED
AUG 1984	J.V.V.		

E & B Explorations Inc.

OFFICE: _____ DEPARTMENT: _____

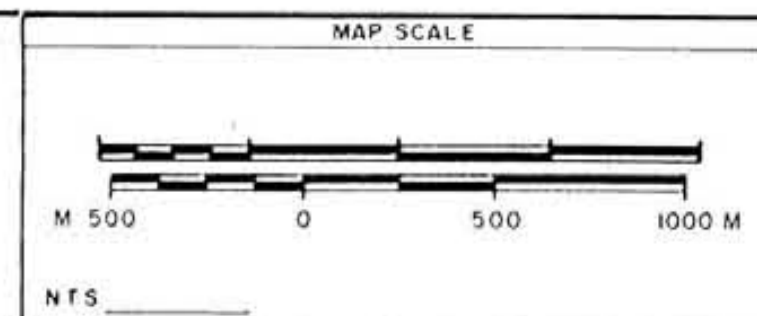
TANGO PROJECT		
COMBINED GEOLOGICAL & GEOPHYSICAL PLAN		
MAP INDEX NUMBER	SCALE	DRAWING NUMBER
	1:20,000	T-84-3



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

13,160

- △⁵ ROCK SAMPLE (PPb Au)
- ⁵ SILT SAMPLE (PPb Au)
- |⁰ SOIL SAMPLE (PPb Au, PPM Ag)



No	Date	MADE BY	DESCRIPTION
1			
2			
3			
4			
5			

DATE	DRAWN BY	CHECKED	APPROVED
AUG 1984	J.V.V.		



TANGO PROJECT		
GEOCHEMICAL PLAN		
Au in PPb, Ag in PPM		
MAP INDEX NUMBER	SCALE	DRAWING NUMBER
	1:20,000	T-84-4