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**ASSESSMENT REPORT**

describing

**094348**

**GEOLOGICAL MAPPING AND PROSPECTING**

on the

**M.C. BERYL PROPERTY**  
M.C. 1-2 - YB93288-YB93289  
Skarn 1-2 - YB93292-YB93293

NTS 105B/4  
Latitude 60°12' N; Longitude 131°37'W

in the  
Watson Lake Mining District  
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited


for Strategic Metals Ltd.

by

W.A. Wengzynowski, P. Eng.  
December 2002



Costs associated with this report have been  
approved in the amount of \$ 2,000.00  
for assessment credit under Certificate of  
Work No. Q.L. 25618.



\_\_\_\_\_  
Mining Recorder  
Watson Lake Mining District

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## INTRODUCTION

The M.C. and Skarn claims are owned 66 2/3% by Tanana Exploration Inc. and 33 1/3% by Ivan Elash (collectively "TEI") and were optioned by Strategic Metals Ltd. in mid-summer 2002. Each of the properties consists of two claims covering gem prospects within and adjacent to a Cretaceous batholith in south-central Yukon Territory.

This report briefly describes previous work done in the vicinity of the claims and exploration performed by Strategic during the 2002 field season. The program was carried out between August 4 and 11 by a four person crew from a tent camp on the M.C. claims. All work was supervised by the author whose Statement of Qualifications is contained in Appendix I.

## PROPERTY, LOCATION AND ACCESS

The M.C. and Skarn claims each consist of two contiguous claims located in the Watson Lake Mining District on NTS mapsheet 105B/4 (Figure 1). A point approximately midway between the claim blocks is situated at latitude 60°12' north and longitude 131°37' west. The claims are registered in the name of Archer, Cathro & Associates (1981) Limited which holds them in trust for Strategic Metals Ltd. Claim data are listed below while claim locations are shown on Figure 2.

<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date*</u>
M.C. 1-2	YB93288-YB93289	July 19, 2008
Skarn 1-2	YB93292-YB93293	July 19, 2008

\* Expiry dates include 2002 work, which has been filed for assessment but not yet accepted.

The closest road access to M.C. Beryl is Strategic's Northern Dancer property located 22 km to the south. Northern Dancer lies 13 km by gravel road north of Km 1203 on the Alaska Highway. Field gear and crew were ferried to and from Northern Dancer and M.C. Beryl by Bell 206B helicopters, operating from Trans North Helicopter bases in Whitehorse and Ross River.

## PREVIOUS WORK

A number of occurrences have been documented in the vicinity of the M.C. and Skarn claims, most of which were identified during a regional tin exploration campaign carried out by Dupont of Canada in the late 1970's. Most of the occurrences are skarns, greisen zones and veins developed near the boundary of the Cretaceous Seagull Batholith. TEI's Skarn claims were staked over one such occurrence. They were prospected for gem garnet in 2002.

The M.C. claims cover a previously discovered beryl occurrence approximately 2.5 km southwest of the Skarn claims. In 2001 TEI excavated one hand trench across a saddle on a ridge top containing beryl float and partially exposed an irregular beryl rich pod within altered

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FIGURE 1  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

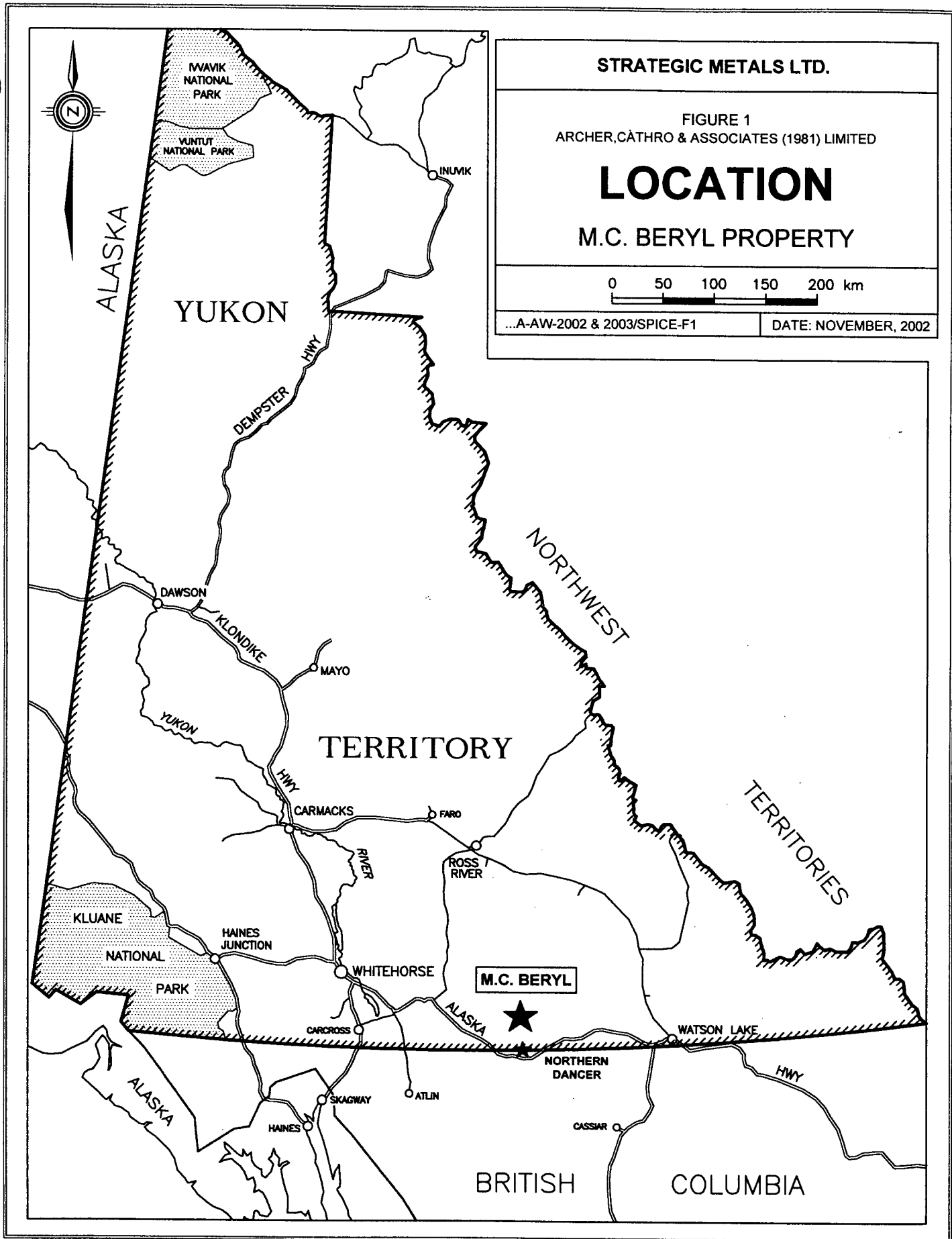
# LOCATION

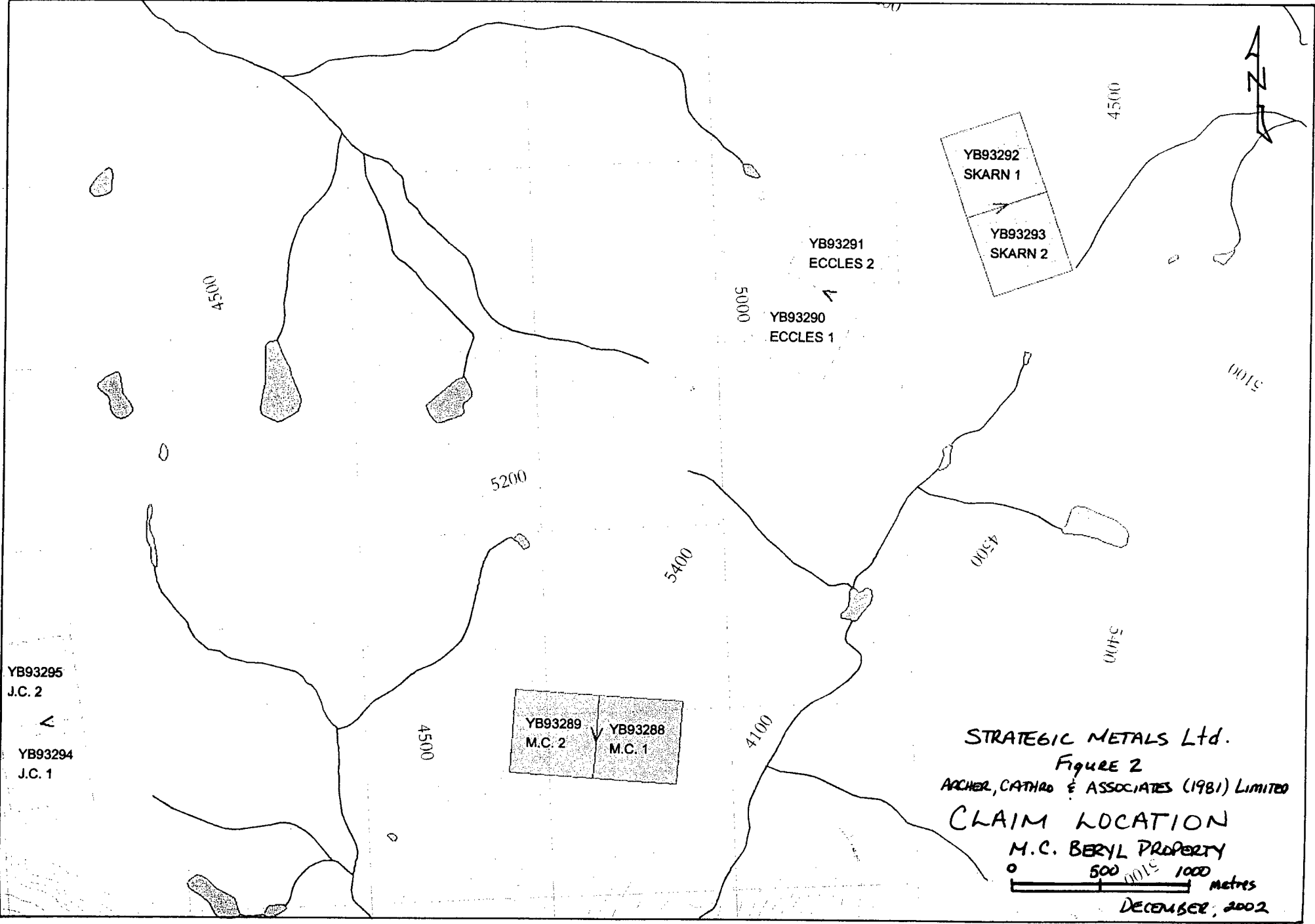
M.C. BERYL PROPERTY

0 50 100 150 200 km

...A-AW-2002 & 2003/SPICE-F1

DATE: NOVEMBER, 2002





STRATEGIC METALS Ltd.  
 Figure 2  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
 CLAIM LOCATION  
 M.C. BERYL PROPERTY  
 0 500 1000 metres  
 DECEMBER, 2002

313

37

296

two-mica granite. Several kilos of material were sieved onsite to determine the nature of the beryl. No gem quality beryl crystals were identified.

### GEOMORPHOLOGY

Both the M.C. and Skarn claim blocks are situated in the Cassiar Mountains along ridge crests east of the Morley River and north of Dorsey Lake. Local elevations range from 1740 m at ridge tops to 1033 m in creek valleys.

Vegetation at lower elevations consists of thick stands of black spruce, fir and balsam with an understorey of willow. Buckbrush dominates above 1044 m giving way to alpine grass, moss and lichen above 1550 m.

### GEOLOGY

The most recent regional scale mapping in the Dorsey Lake area was carried out in 1999 by Charlie Roots (Geological Survey of Canada), Martin de Keijzer (University of New Brunswick) and JoAnne Nelson (British Columbia Ministry of Energy, Mines and Petroleum Resources) as part of a reinterpretative mapping program (Roots, et al, 2000).

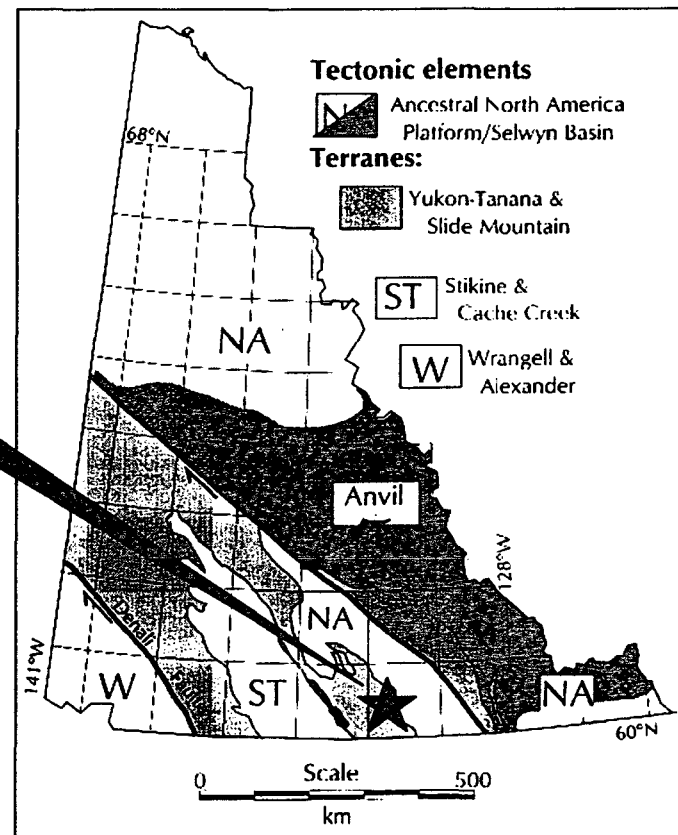
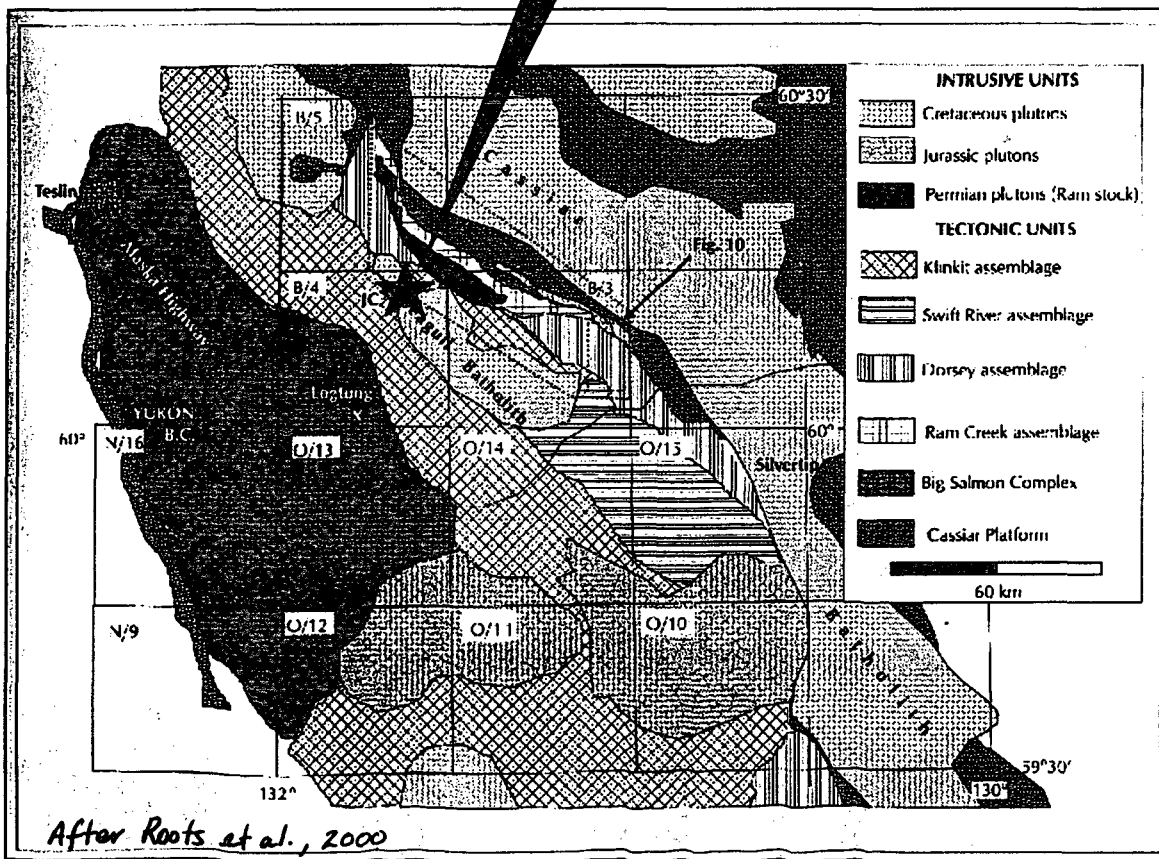
As illustrated on Figure 3, the claims lie southwest of the Tintina Fault and are underlain by rocks of the Dorsey Terrane which have been intruded by Cretaceous plutons.

Rocks in the vicinity of the claims are limited to the Klinkit Assemblage of the Dorsey Terrane and Cretaceous granodiorite of the Seagull Batholith (Figure 4). Klinkit Assemblage consists of mafic metavolcanic rocks, white marble or limestone and dark epiclastic rocks. Metavolcanic rocks are mottled green and maroon with pale, centimetre size patches. Marble and limestone are white to grey on fresh surfaces and buff weathering. Skarnification of this unit is irregular and resulted in the development of scattered lenses of massive magnetite and garnet on the Skarn claims.

Metasedimentary and metavolcanic rocks of the Klinkit Assemblage are strongly foliated, however local orientations are somewhat erratic. Outcrop scale folding is common and is usually highlighted by deformed metamorphic blue-white to clear quartz veins.

Normal faults, both mesoscopic and macroscopic, have been recognized throughout the area and are believed to have normal displacements up to 100 m (Roots, et al, 2000). Prominent fault and fracture orientations in the granite and Klinkit Assemblage strike northerly or easterly and dip sub-vertically. Evidence of such structures is observed at the beryl occurrence on the M.C. claim block where a hand trench excavated across a saddle exposed strongly epidote altered and weakly sheared granite. This trench is described in detail in the next section.

# M.C. BERYL

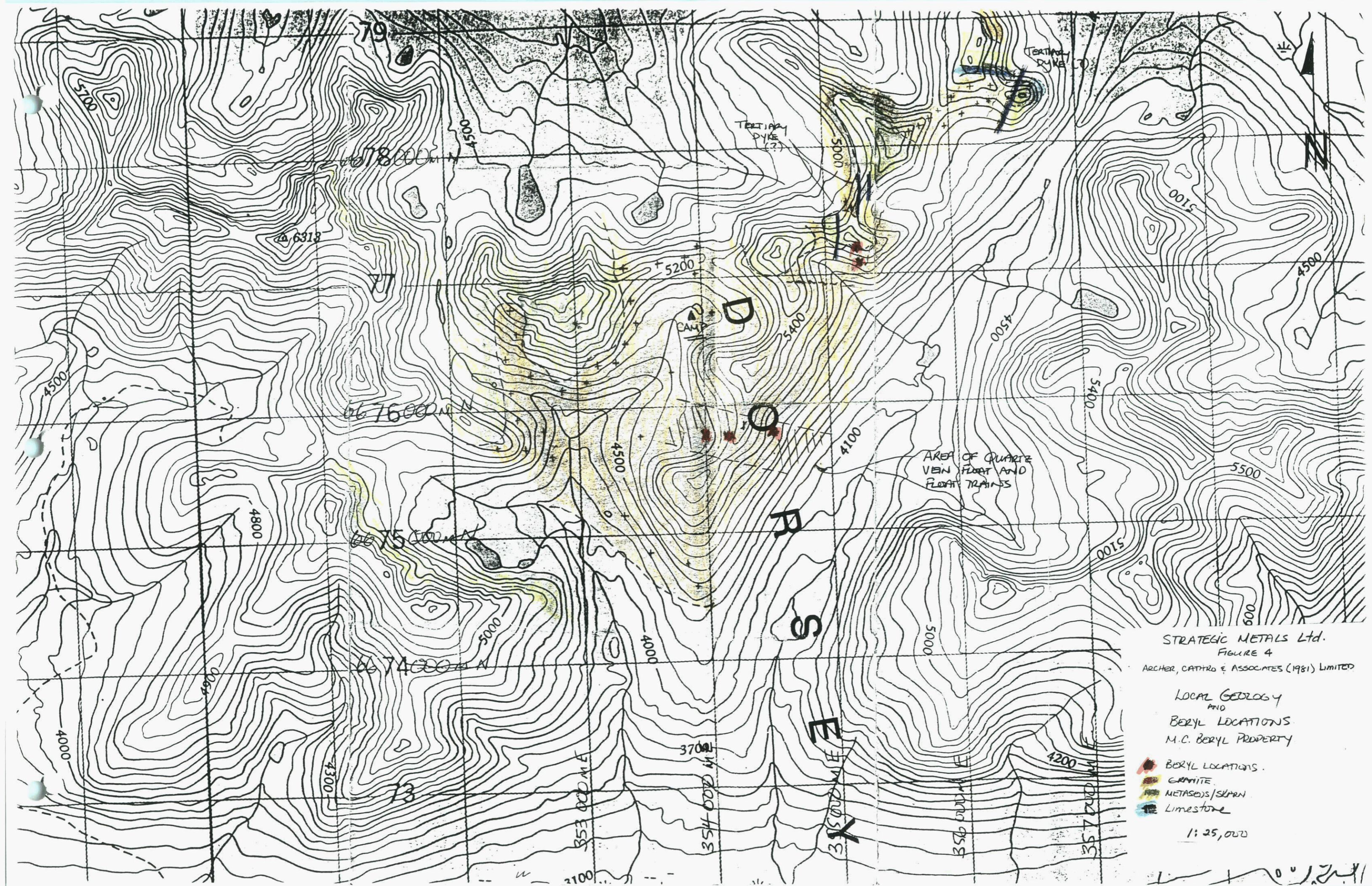


Modified from Wheeler and Freely, 1987

STRATEGIC METALS LTD.

FIGURE 3  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
REGIONAL SETTING AND GEOLOGY  
M.C. BERYL PROPERTY

December, 2002



STRATEGIC METALS Ltd.  
 FIGURE 4  
 ARCHER, CATIRO & ASSOCIATES (1981) LIMITED

LOCAL GEOLOGY  
 AND  
 BERYL LOCATIONS  
 M.C. BERYL PROPERTY

- BERYL LOCATIONS.
- GRANITE.
- METASED/SUPR.
- LIMESTONE.

1: 25,000

## 2002 PROGRAM

The main purposes of the 2002 program were to determine the nature of the beryl occurrence on the M.C. claim block and to assess its gemstone and industrial potential. This was accomplished by hand trenching and saturation prospecting in the immediate vicinity of the beryl showing. Follow up prospecting was also done on the Skarn claims where glassy garnet fragments were discovered by TEI in 2001. Reconnaissance prospecting and mapping were also done around both occurrences. Figure 5 shows the traverse routes and areas covered by Strategic in 2002.

### M.C. Claim Block

Hand trenching by TEI in 2001 exposed a 20 m section of strongly clay and epidote altered granite containing a partially exposed lens of aggregate intergrown beryl crystals. Strategic extended the hand trench to the south and effectively excavated the periphery of the beryl lens which was approximately 80 by 50 by 40 cm in size. An additional smaller lens was also exposed 5 m to the south. Trench maps and notes are contained in Appendix II.

The beryl mineralization appears to be associated with multiple acute fault structures (acute to dominant east trending structure) that also contain clear quartz flooding and veining. Most of the beryl extracted consists of clear, milky white or pale blue crystal aggregates. Some crystals are up to 7 cm long and 3 cm in diameter, however very few could be segregated without severe damage.

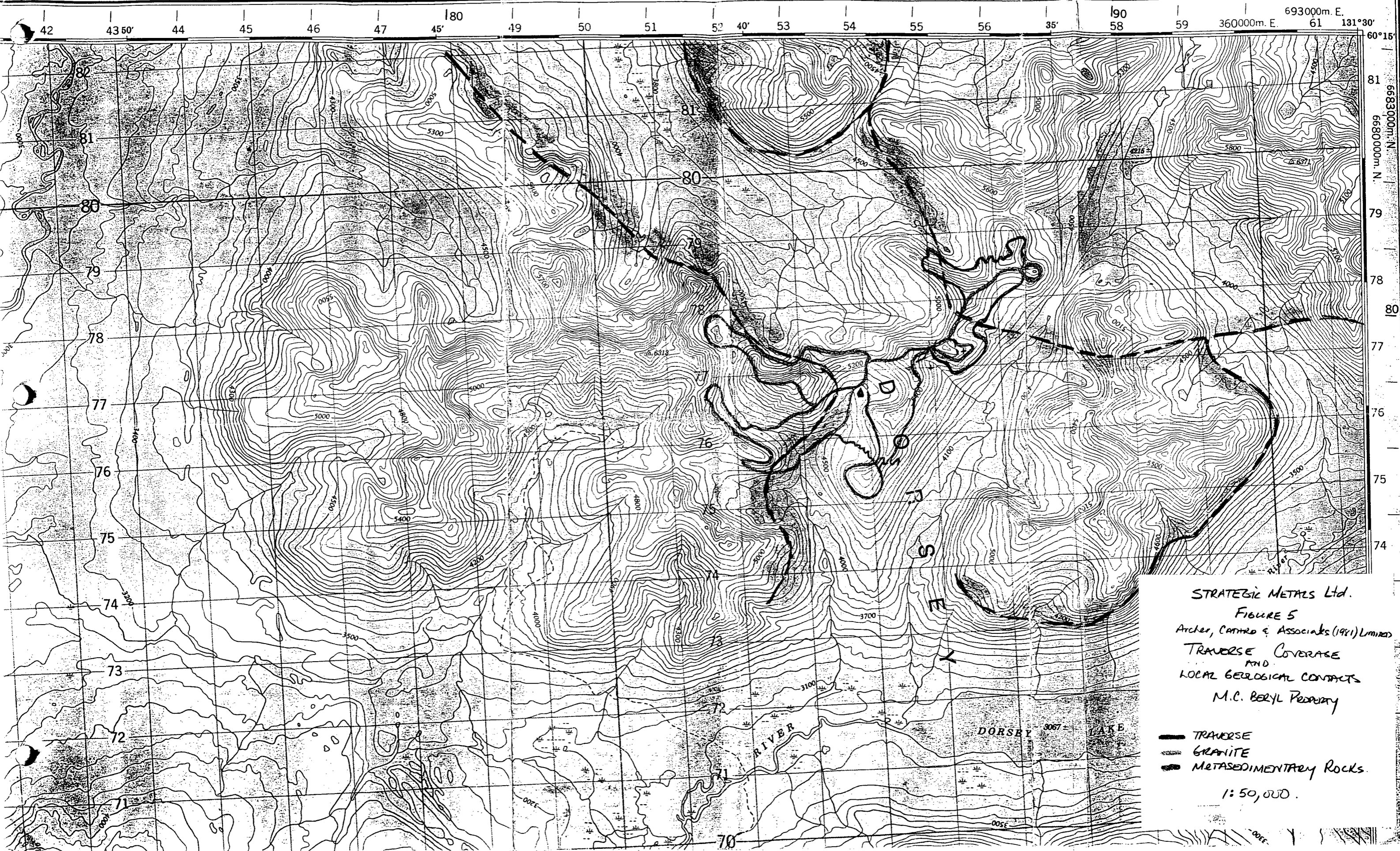
Two additional hand trenches were excavated, one on either side of the main trench in the saddle. The westerly trench encountered beryl float in the upper part of the talus profile but this is believed to be float dispersed downhill from the saddle showing. No mineralization was found in the easterly trench. Prospecting further along strike to the west discovered a small amount of beryl float which is also believed to have been derived from the saddle showing.

Quartz vein float and float trains were mapped up to 200 m south of the saddle trench. Some of the vein material is up to 25 cm wide and contains 2 to 15 cm diameter vugs and cavities hosting perfectly terminated clear and white quartz crystals and rarer green and purple crystalline fluorite. The float orientation of the trains again implies easterly trending veins.

A new beryl locale was identified approximately 1.7 km northeast of the saddle showing. It consists of several pale blue beryl crystals within a narrow (2 cm) quartz vein cutting metasediments. The crystals are up to 2.5 cm long and 1.5 cm in diameter.

### Skarn Claim Block

The Skarn claims are predominantly underlain by a grey limestone which has been intruded by granite of the Seagull Batholith resulting in the development of skarns near the contact. Skarn material consists of garnet-diopside  $\pm$  epidote and massive garnetite. Massive magnetite lenses



STRATEGIC METALS Ltd.  
 FIGURE 5  
 Archer, Connor & Associates (1981) Limited  
 TRAVERSE COVERAGE  
 AND  
 LOCAL GEOLOGICAL CONTACTS  
 M.C. BERYL PEDARY

- TRAVERSE
- GRANITE
- METASEDIMENTARY ROCKS

1:50,000

are also present and were the focus of an earlier, unsuccessful diamond drill program for tin (Yukon Minfile, 2002). Prospecting was focussed toward the discovery of gem garnets within or near the limestone.

Most of the garnet crystals observed are <0.5 cm diameter and occur as aggregates and intergrowths within and along the selvages of the massive garnetite bands. Other occurrences are associated with secondary calcite pods which tend to host better developed, larger individual crystals. Garnet colour is primarily dark brown to yellow-brown and forest to epidote green. Very few specimens exhibit glassy transparent quality, however this is difficult to fully assess without extracting individual crystals from aggregate masses.

Dark green glassy vesuvianite crystals occur in 3 to 5 mm thick bands within an 8 m section of the limestone approximately 100 m west of the garnet bearing area. These crystals are tabular with a square cross section and are sometimes terminated by an irregular pyramid. Maximum size observed was 6 mm long by 2 mm in diameter.

### DISCUSSION AND CONCLUSIONS

Both the M.C. and Skarn claim blocks cover interesting occurrences, however the lack of gem quality material and limited areal extent of beryl and garnet float is not encouraging.

Beryl mineralization on the M.C. claims is hosted within granite which restricts emerald potential because there may be no nearby chrome or vanadium source to provide the green colouration. Emerald formation is more likely to occur on the periphery of the granite where beryllium rich fluids can interact with the metasedimentary and metavolcanic wallrocks and scavenge sufficient chromium or vanadium. Prospecting these areas in the vicinity of the M.C. claims located only minor amounts of beryl and where it was discovered, the colour was pale blue indicating colouration by low levels of iron or titanium.

No gem quality garnet was discovered at the Skarn claims and although the vesuvianite appears glassy and semi-transparent, the crystals are quite small and generally intergrown, making segregation of individual crystals very difficult.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

  
W.A. Wengzynowski, P. Eng.

**REFERENCES**

Roots, C.F., de Keijzer, M and Nelson, J.L.

- 2000 Wolf Lake project: Revision mapping of Dorsey Terrane assemblages in the upper Swift River area, southern Yukon and northern B.C. *In: Yukon Exploration and Geology 1999*, D.S. Emond and L.H. Weston (eds.), Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, pp. 115-125.

Wheeler, J.O. and McFeely, P.

- 1987 Revised tectonic assemblage map of the Canadian Cordillera and adjacent parts of the United States of America, Geological Survey of Canada, Open File 1565.

Yukon Minfile #105 B 70

- 2002 DeKlerk, R. (compiler) - A database of mineral occurrences. Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada.


**APPENDIX I**

**AUTHOR'S STATEMENT OF QUALIFICATIONS**

## STATEMENT OF QUALIFICATIONS

I, William A. Wengzynowski, geological engineer, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in North Vancouver, British Columbia, do hereby certify that:

1. I graduated from the University of British Columbia in 1993 with a B.A.Sc in Geological Engineering, Option 1, mineral and fuel exploration.
2. I became a Professional Engineer on December 12, 1998 registered in the Province of British Columbia.
3. From 1983 to present, I have been actively engaged in mineral exploration in the Yukon Territory and am presently a partner of Archer, Cathro & Associates (1981) Limited.
4. I have personally participated in and supervised the fieldwork reported herein.

  
W.A. Wengzynowski, P. Eng.

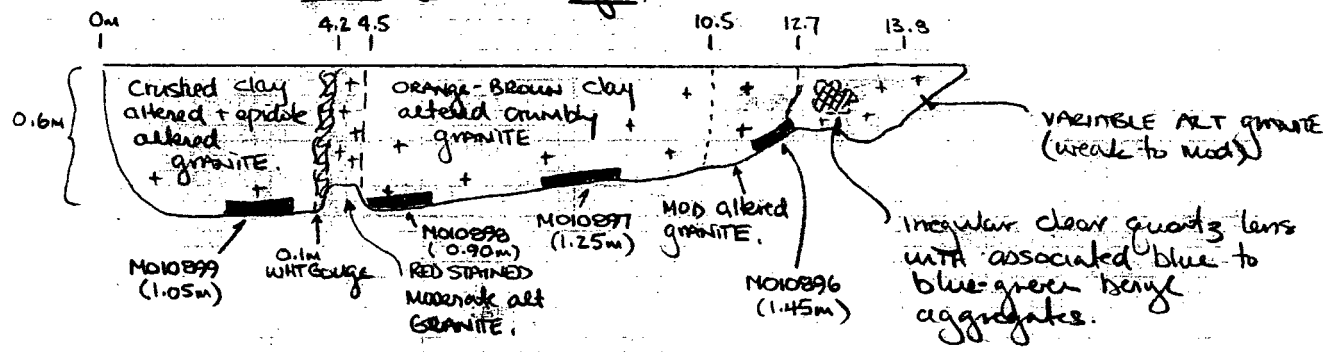
**APPENDIX II**  
**TRENCH MAPS AND NOTES**

Project <b>MC BERYL</b>	NTS	Scale <b>—</b>	Page <b>of</b>	Traverse
Sampler <b>WENG</b>	Location, Target (words)		Sample Nos	
Date <b>Aug 5/02</b>	photo no.	Cert. Nos		

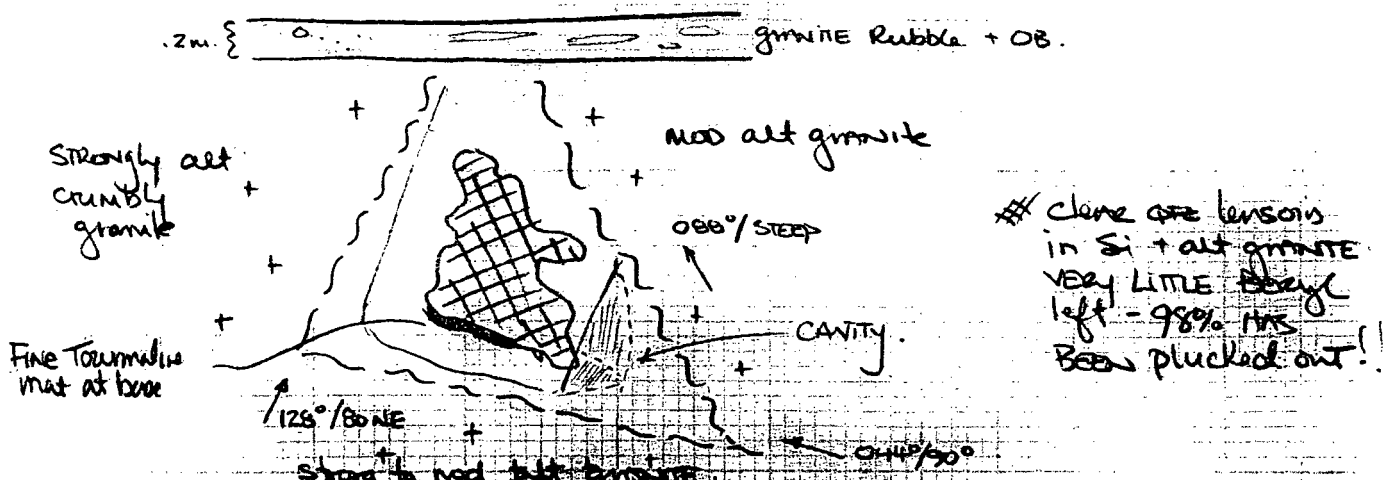
TRaverse From CAMP TO BERYL Location.

- WA1:** 354001E, 6676231N - STRONG FRACTURED GRANITE  $\nearrow$  014°/76 W
- WA2:** 354090E, 6676138N - ~15 PIECES VARIABLE SIZE WHITE QUARTZ VN MATERIAL IN 3M WIDE FLOTT TRAIN. FLOTT TRAIN ~050° CUTTING DOWN Slope. TRACED OUT FOR ~60M. MINOR VUGS WITH WELL DEVELOPED BUT SMALL Qtz XSTs.
- WA3:** 354145E, 6676026N - MINOR QV WITH WEAK Crystals
- WA4:** 354185E, 6675894N - QUARTZ VEIN FLOTT (WHITE) UP TO 40 CM WIDE WITH UP TO 7 CM VUGS CONTAINING CLEAR & WHITE QUARTZ Crystals ( $\leq$  1cm long, 4mm DIAM) FLOTT TRAIN IS ~30M WIDE AND CONTAINS HIGHLY QUARTZOSE GRANITE WITH MODERATE QUARTZ STRENGTHS + VUGS  
Abundant EPIDOTE ALTERATION IN GDR ALONG north side of chute. Largest concentration of quartz material is contained along north side of the chute but appears to thin out toward top of ridge.
- WA5:** 354531E, 6675784N - 1 piece rounded Si granite with medium blue colored Beryl on one edge. 10x12x10cm. - small crystals ( $\leq$  5mm) (ACROSS)
- WA6:** 354570E, 6675752N - Lower limit OF BERYL chute Prospect on East side of Ridge.

BERYL TRENCH Profile



DETAILED BERYL ZONE

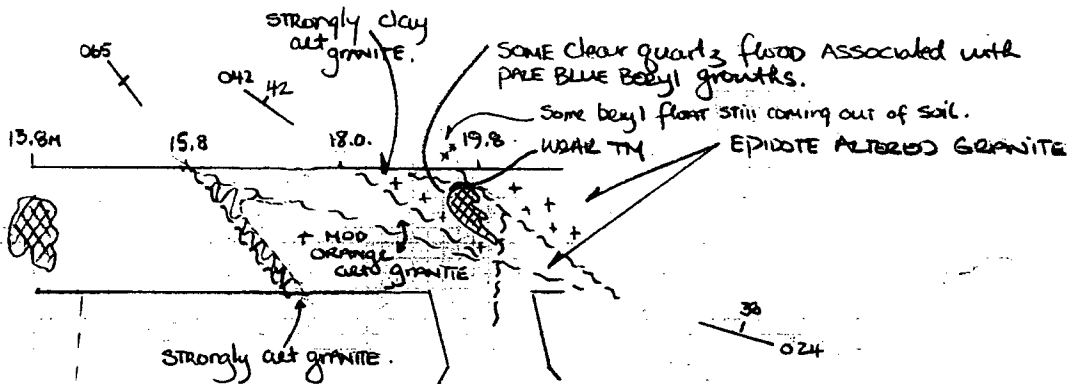


ALTITUDE 100/40 N  
 SILTSTONE  
 SPECIMEN SITE A, B, ... DO NOT WRITE ON OTHER SIDE OR USE COLOURS  
 SILT X SOIL ● ROCK ■ PAN ▲ WATER ○  
 DOLOMITE  
 MINERALS  
 DON'T FORGET COLOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, T.S., GOSSANS, OBSERVED GEOLOGY: DEFINED — INFERRED — ASS.

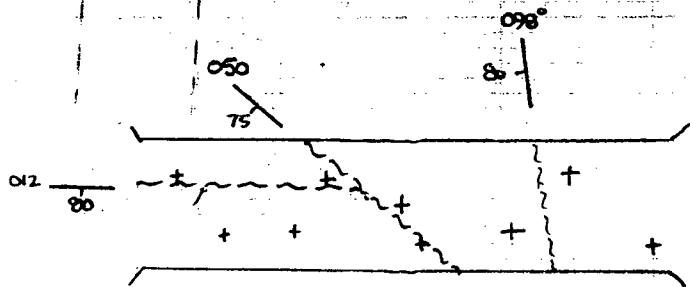
Project MC BERYL	NTS	Scale 1:1000	Page of	Traverse
Sampler WENG	Location, Target (words)		Sample Nos	
Date Aug 7/02	photo no.	BERYL SHOWING TRONCHES PLAN	Cert. Nos	

PLAN View

8m - TRENCH 3 ONLY PAST TO BEDROCK IN WEAK/MOD act GRANITE NO BERYL float.



CLEARED BY STEVE & WIDE (PATCHES of bedrock - MINOR BROKEN BERYL Pieces from upper exposure).



HAND PIT WITH severe large float blocks (blue Beryl) only in top part of soil profile.

SILTSTONE  
 SPECIMEN SITE A, B, ... DO NOT WRITE ON OTHER SIDE OR USE COLOURS  
 S, GOSSANS, OBSERVED GEOLOGY: DEFINED  
 INFERRED  
 ASS  
 DO NOT FORGET COURSE, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRENCHES, GOSSENS, OBSERVED GEOLOGY: DEFINED  
 INFERRED  
 ASS  
 DOLOMITE  
 SILT X SOIL ● ROCK ■ PAN/Δ WATER O  
 MINERALS

MINERALS  
 DOLOMITE  
 SILT X SOIL  
 ROCK  
 PAN  
 WATER  
 DO NOT WRITE ON OTHER SIDE OR USE COLOURS  
 SILTSTONE  
 100/40 N  
 ASS

DON'T FORGET COLOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRENDS, GOSSANS, OBSERVED GEOLOGY: DEFINED --- INFERRED ---

Project	MC BERYL	NTS	Scale	Page	of	Traverse
Sampler	WENG	Location, Target (words)			Sample Nos	
Date	Aug 6/02	photo no.	Cert. Nos			
WA7:	354446E, 6676314N	RIDGE ABOVE CAMP - GRANITE FRACTURES			098°.	
WA8:	353803E, 6675901N	EXTN (POSSIBLY) OF BERYL ZONE IN SADDLE. EPIDOTE ALTERED GRANITE AND Abundant WHIT QV NO BERYL OBSERVED.				
WA9:	353997E, 6675794N	1 Piece WHIT VN QVZ WITH 1 SHATTERED BLUE (PALE) BERYL XSTL ~ 1.5cm Long. 1 MORE PIECE 20m ABOVE IN FLOAT TRAIN.				
WA10:	354178E, 6675762N	BLUE BERYL IN SOME WHIT QV GOOD VUGS DEVELOPED AND SOME WELL DEVELOPED QVZ XSTLS ALSO SEEMING MODERATE. FLOWRITE (pale green).				
WA11:	354202E, 6675553N	NARROW WHITE QV WITH MOD WELL DEVELOPED MM WIDE XSTLS. Close to SOUTHERN LIMIT of QV float.				
WA12:	354304E, 6676637N	15cm WIDE WHITE QV FLOAT. 3cm diameter pod of purple fluorite in green apatite.				
WA13:	354367E, 6675723N	20cm WIDE WHIT QV float w/ 5cm diameter pale green apatite pod. ALSO good syntaxial Qtz xstls around edge.				
WA14:	354383E, 6675756N	WHIT QV ~ 20cm WIDE WITH Abundant pale green apatite pods.				
WA15:	→ INTERMEDIATE pt. for contour. 35459E, 6676073N.					
WA16:	354848E, 6676868N	Minor MANGANESE veining in granite.				
WA17:	354828E, 6676916N	Manganese vein zone/fracture zone in granite with minor Limonite, local TRENDS 098°. 10m NW → large blocks grey Tertiary dyke. py.				
WA18:	354695E, 6677025N	granite contact with THINLY BANDED purple-green-grey Metasediments. Some rusty zones along similar Mn zones. trend orientation of Seds ~ 320/32° SW. Fractures + thin Qtz stringers 098°.				
WA19:	355217E, 6677321N	Metaseds ± slt.				
WA20:	355261E, 6677262N	" " 140°/30 SW..				
WA21:	355346E, 6677194N	NARROW felsic Aplite dyke ~ 2m wide 016°/STEEP.				
WA22:	355394E, 6677192N	Metased / granite CONTACT.				
WA23:	355277E, 6677165N	NARROW QV with small vug and well developed xstls + VN cutting Metaseds.				
WA24:	355238E, 6677182N	PALE BLUE Beryl xstls in thin WHIT QV cutting Metaseds character sample TRENDS.				
WA25:	355108E, 6677226N	GREY PY DYKE - TERTIARY. ~ 220° TRENDS.				
WA26:	354390E, 6677104N	Metased / granite CONTACT				

Project MC 2624L	NTS 105B4	Scale —	Page of	Traverse
Sampler WENG	Location, Target (words) Prospect West of MC		Sample Nos	
Date Aug 9/02	photo no.	Cert. Nos		

WA 27: 353373E, 6676390N LARGE angular Peridotite Boulder? > 1m x 1m x 1m  
 Mod to strongly magnetic  
 Appears to be epidote? altered stream fragments in some sections.  
 Top of slab has a narrow band of dark green diopside skarn.

MA 28: LAKE.

MA 29: MASSIVE STEEL GREY MINNETTE & VARIATIONS OF MAGNETIC ACTINOLITE SKARN  
 with 5-30% med to fine grained red-brown sphalerite. Character specimens  
 Taken.  
 351702E, 6676529N

WA 30: 351888E, 6676327N  
 WHITE QUARTZ VN cutting skarn. Very massive/tight with no vugs or  
 crystals. 082/855.

NOTE: Weak to moderate Qv veining in metasediments but orientations are  
 90° to those at MC.  
 MAX WIDTH 25cm - Average 7 to 10cm.  
 No Qv seen in GRANITE.

Project NC 632/L	NTS 105 B 4	Scale —	Page of	Traverse
Sampler WENS	Location, Target (words)		Sample Nos	
Date Aug 10/02	photo no.	SCAN claims traverse		Cert. Nos

W31: 356071E, 6678458N

50 m long float train containing whit vln Qtz with well developed crystals (1/2 cm range).

A32: 356212E, 6678636N

Quartz vln float (up to 25 cm) with well developed Qtz crystals  
Trace op in some pieces  
Magnetite stained vln material in some forms.

A33: 356299E, 6678882N

White ground for felsic dyke 052/65 SE ~ 50 m wide.

A34:

Pale & dark green tourmaline developed in local limestone horizon  
and within several chlorite & magnetite garnet stain horizons.  
Most crystals are < 3 mm length but colour is quite good.  
Limestone is ~ 7 m thick and zone of tourmaline bearing material  
was traced for ~ 25 m west from magnetite stain.

Project MC Beryl	NTS	Scale	Page of	Traverse
Sampler Sarah	Location, Target (words)		Sample Nos	
Date Aug 5, 2002	photo no.	Cert. Nos		

SD1 - 354018 E, 6676280 N  
 - 3 1/2 cm white quartz vein, in core well developed clear quartz crystals, mm range, 1 piece found  
 - 2 1/2 cm white quartz vein, abundant short, stubby crystals, mm range, 1 piece  
 - NOTE: 20m S/E. minor crystallization

SD2 - 354095 E, 6676079 N  
 - many clear quartz vein crystals within granite  
 - most crystals mm range, few cm range - all narrow

POST LOCATIONS: MC Post Ones - 354210 E, 6676111 N  
 MC Post Twos - 354044 E, 6675750

100/40 N  
 SILTSTONE  
 SPECIMEN SITE A, B, ... DO NOT WRITE ON OTHER SIDE OR USE COLOURS  
 GLOSSANS, OBSERVED GEOLOGY: DEFINED - INFERRED - ASSU  
 INTRUSIVE [x^x] DOLOMITE  
 SILT x SOIL ● ROCK ■ PAN Δ WATER O  
 MINERALS  
 DONT FORGET CON. CURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TR.

ALTITUDES (100/40 N)  
 SILTSTONE  
 DOLOMITE  
 MINERALS  
 SPECIMEN SITE A, B, ... DO NOT WRITE ON OTHER SIDE OR USE COLOURS  
 S. GOSSANS, OBSERVED GEOLOGY: DEFINED --- INFERRED --- ASS...  
 CURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, T...  
 DONT FORGET CO...

Project MC Beryl	NTS	Scale	Page of	Traverse
Sampler Jill	Location, Target (words)		Sample Nos	
Date Aug. 5, 2002	photo no.	Cert. Nos		

JD1 - 25m upslope from S01, 3cm wide quartz vein, moderately vuggy, white to clear quartz crystals developed, up to 1cm long, one piece found  
 - granite with long, narrow quartz veins (one piece found)  
 - along slope 20m at 177°, syntaxial crystal growth in core, moderately vuggy, (one piece found)

JD2 - 35m upslope from S02, craggy piece of quartz, bumpy with white quartz crystals, 1cm - 1.5cm long juts  
 - many granite rocks with quartz and quartz veins in area, minor only moderately vuggy  
 - many pieces of pure quartz, craggy, moderately vuggy  
 - many pieces of quartz with white quartz veins (2cm thick)  
 - many rocks with many large, clear/white crystals, > 1cm, diameter 2.5cm  
 - travelling upslope, many rocks with white quartz veins, few crystals  
 - further upslope, quartz veins in rocks become less frequent, and stop at 20m downslope from 354180mE, 6676073mN ± 7m.

JD3 - 30m downslope from W010  
 - piece of quartz with light green fluorite in vug, 1cm diameter, 0.7cm long  
 - piece of quartz with light and dark green fluorite spread over a 5cm x 5cm area, with crystals 0.4cm x 0.5cm fluorite.  
 - huge piece of quartz with both green and blue beryl crystals, 0.5cm x 0.3cm, diameter of 0.3cm

JD4 - 035 3160mE ± 7m  
 6676448mN  
 - minor quartz veins in metasedimentary outcrop

ALTITUDES (100/40 N)  
 SILTSTONE  
 SPECIMEN SITE A, B, ... DO NOT WRITE ON OTHER SIDE OR USE COLOURS  
 SILT, X SOIL  
 DOLOMITE  
 MINERALS  
 DONT FORGET

ASSIGNED  
 INFERRED  
 DEFINED  
 L.S. GOSSANS, OBSERVED GEOLOGY  
 WORKINGS, SAMPLE SITES, WORKINGS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, WATER

Project	NTS	Scale	Page of	Traverse
mc Beryl				
Sampler Patrick Sack	Location, Target (words) Beryl prospecting		Sample Nos PS-01 →	
Date Aug 5 - 2000	photo no.		Cert. Nos	
PS-01 354161 m E, 6675891 m N ± 4 m → 1 m x .7 m quartz vein with vugs & crystals, crystals up to 1.5 mm x 4 mm → downhill from beryl trench quartz boulder train				
PS-02 353666 m E, 6675464 m N ± 5 m → Sub angular to sub round, 12 cm long quartz vein with 2, 2 m light blue beryl pods. → only qtz found 25 m up & down slope.				
PS-03 354172 m E, 6675854 m N ± 6 m → Angular, 15 cm long quartz clast with 5 cm x 5 cm light blue beryl pod				
Beryl trench - m-010896 (N side of Beryl pod) - 145 cm length - 55 cm depth - m-010897 - 125 cm length - 100 cm depth - m-010898 (S edge of Epidote/Iron contact) - 90 cm length - 65 cm depth - m-010899 (epidote end) - 105 cm length - 60 cm depth				
PS-04 356409 m E, 6678431 m N ± 10 m → 5 x 3 cm brown garnet in calcite pod → located at bottom of limestone outcrop 50 m West of saddle on Skarn claims				
PS-05 356485 m E, 6678336 m N ± 6 m → 1 x 1 cm dark green garnet in calcite pod → located 50 m East & 10 m below saddle on skarn claims				
PS-06 → 10 m up slope from PS-05, float continues upslope to outcrop → several garnet crystals up to 1.5 x 2.0 cm in size, found in calcite pod				
PS-07 353324 m E, 6676417 m N ± 4 m → peridotite float? → there was about 15 pieces within 30 m up & down slope 150 m in width				
PS-08 352966 m E, 6676628 m N ± 9 m → peridotite float?				
PS-09 352498 m E, 6676902 m N ± 5 m → peridotite float?				
PS-10 351558 m E, 6677728 m N ± 28 m → Silica rich schist with 1.5 m wide zone of quartz veins → located in outcrop ≈ 100 m from lake.				
PS-11 356367 m E, 6678501 m N ± 11 m → d green tourmaline crystals on an exposed face in outcrop → zone about 12 cm wide → max crystals .5 mm x 1.0 mm				
PS-12 355248 m E, 6677074 m N ± 6 m → Beryl in quartz vein, no crystals distinguishable but has good colour → found at bottom of soil/fluction lobe				
PS-13 355248 m E, 6677129 m N ± 6 m → No sample taken → minor light blue beryl in cross cutting quartz vein in meta-sed rock → 3 pieces found within 10 m radius				

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
1016 - 510 West Hastings Street  
Vancouver, B.C. V6B 1L8

Telephone: 604-688-2568

Fax: 604-688-2578

AFFIDAVIT

I, Joan Mariacher, of VANCOUVER, B.C. make oath and say:

That to the best of my knowledge the attached Statement of  
Expenditures for exploration work on the M.C. 1-2 & SKARN 1-2  
mineral claims on Claim Sheet 105814 is accurate.

  
Joan Mariacher

Sworn before me at VANCOUVER, B.C.

this 25TH day of

NOVEMBER, 2002



Notary Public, Yukon Territory



Statement of Expenditures  
M.C. 1-2 and Skarn 1-2 Mineral Claims  
November 21, 2002

Labour

D. Eaton – geologist – 4 hours July at \$60/hr	\$ 256.80
B. Wengzynowski – geologist – 76 hours August at \$60/hr	4,879.20
P. Sack – field assistant – 10 days August at \$240/day	2,568.00
J. LeDrew – field assistant – 9 days August at \$192/day	1,848.96
S. Eaton – field assistant – 9 days August at \$192/day	<u>1,848.96</u>
	11,401.92

Labour

Field room and board – 38 days at \$115/day	4,675.90
Trans North Bell 206 – 10 hours at \$925/hr plus fuel	10,374.44
ALS Chemex	<u>101.19</u>
	15,151.53
	<u>\$26,553.45</u>

In Account With

Project  
Date

MCBERYL PROJECT  
JULY 1 - AUGUST 31, 2002

LABOUR				
Field	D. EATON - 4 HRS AT 60/HR	JULY	240.00	
	B. WENBYNOWSKI - 76 HRS AT 60/HR	AUGUST	4560.00	
	P. SACK - 10 DAYS AT 240/DAY	"	2400.00	
	J. LEDREW - 9 DAYS AT 192/DAY	"	1728.00	
	S. EATON - 9 DAYS AT 192/DAY	"	1728.00	
Office	M. Cooke -	hrs at \$39.15/hr		
Accounting and Expediting	J. Mariacher -	3 1/2 hrs at \$44.45/hr	JULY	155.58
		3 1/4	AUGUST	155.58
				10967.16
<b>OTHER SERVICES</b>				
Room & Board in Whitehorse	10 days at \$90/day		900.00	
Field equipment from AC stock	322.15 + 36 MANBANK 10/DAY		682.15	
Printing	Photocopies 8 @ .25		2.00	
Rentals from AC	AUGUST 3-11 5BX 11 AT 10/DAY + 3 LCOMS AT 10/DAY + 3 GAS AT 23/DAY + SCINT AT 10/DAY + 4 TRAX + TRAILER AT 80/DAY + AUGER DRILL AT 12/DAY + BIT REPLACEMENT - FLAT 125		1430.00	
Drafting		hrs at \$38.40/hr		3014.15
<b>EXPENSES</b>				
Petty Cash				
Telephone	11.38		11.38	
NORCAN LEASING		JULY	56.45	
NORTH 60 PETRO		63 JULY	349.56	
GREYHOUND COURIER		AUGUST	14.99	
BARRY Mc CALLAN GLOBE		"	14.89	
TWIGOE SERVICES		"	106.86	
NORCAN LEASING		"	564.52	1118.65
MANAGEMENT	6% on Expenses		67.14	
	on Field A/C		678.54	695.66
				15795.62
GST (R100247667)	7% on 15,795.62			1105.69
				16901.31

=GST exempt

ACCOUNT NUMBER ARCHCAC  
 INVOICE NUMBER 29054  
 INVOICE DATE 22/08/02  
 AREA B.C. YUKON NWT ALTA  
 A/C TYPE B106 AIRCRAFT REGISTRATION C G-TM4  
 FLIGHT DATE 04/08/02  
 PURCHASE ORDER NO.

CHARTERER Strategic Metals AK  
 BILLING ADDRESS 1016-510 W. HASTINGS ST.  
 VANCOUVER, BC V6B 1L8  
 FUEL & OIL-X TMTA FUEL USED HRS./LITRES FROM  
 TMTA CUST. ✓

FROM	UP/DOWN TIME	HOURS	REMARKS - NO. OF PASS - FREIGHT Kg
TO			
YXY →			2 pax 5 sec
Tomson's xiy →			plu 2 pax
mc →			rece.
Log try →			slig in camp
mc →			
Log try →			
YXY			Fuel supplied by customer.
AMC			

Remit Payment To: Trans North Helicopters P.O Box 8 Whitehorse, Yukon Y1A 5X9	5.4 @ 925	4995 00
	@	
	HOLDING TIME: @ / HR.	
	FUEL — @ — / LITRE	
FUEL @ / LITRE		
MEALS & LODGINGS		
OTHER		
OTHER		
<b>SUB TOTAL</b>		4995 00
GOODS & SERVICES TAX REGISTRATION NO. R121483135		349 65
<b>TOTAL</b>	\$	5344 65

TERMS: PAYABLE UPON RECEIPT OF INVOICE.  
 2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS.  
 IF INTEREST IS NOT PAID, FUTURE FLIGHTS WILL BE ON A CASH BASIS.

X B. Wilson  
 CHARTERER'S SIGNATURE  
 CHARTERER'S NAME (PRINTED)  
 INITIALS BDG  
 PILOT'S SIGNATURE  
 ENGINEER'S NAME

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF.  
 TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE.

THIS IS YOUR ONLY INVOICE - PAY UPON RECEIPT

ACCOUNT NUMBER ARCHCAC  
 INVOICE NUMBER 29056  
 INVOICE DATE 22/08/02  
 AREA B.C. YUKON NWT ALTA  
 A/C TYPE B106 AIRCRAFT REGISTRATION C G-TM4  
 FLIGHT DATE 11/08/02  
 PURCHASE ORDER NO.

CHARTERER Strategic Metals AK  
 BILLING ADDRESS 1016-510 W. HASTINGS ST.  
 VANCOUVER, BC V6B 1L8  
 FUEL & OIL-X TMTA FUEL USED HRS./LITRES FROM  
 TMTA CUST. ✓ 524.4 YDM

FROM	UP/DOWN TIME	HOURS	REMARKS - NO. OF PASS - FREIGHT Kg
TO			
YDM →			
mc			Demob camp
Demob →			
Log try →			
YDM		4.6	
AMC			

Remit Payment To: Trans North Helicopters P.O Box 8 Whitehorse, Yukon Y1A 5X9	4.6 @ 925	4255 00
	@	
	HOLDING TIME: @ / HR.	
	FUEL 524.4 @ .85 / LITRE	445.74
FUEL @ / LITRE		
MEALS & LODGINGS		
OTHER		
OTHER		
<b>SUB TOTAL</b>		4700 74
GOODS & SERVICES TAX REGISTRATION NO. R121483135		329 05
<b>TOTAL</b>	\$	5029 79

TERMS: PAYABLE UPON RECEIPT OF INVOICE.  
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X B. Wilson  
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 CHARTERER'S NAME (PRINTED)  
 INITIALS BDG  
 PILOT'S SIGNATURE  
 ENGINEER'S NAME

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF.  
 TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE.

THIS IS YOUR ONLY INVOICE - PAY UPON RECEIPT



**ALS Chemex**  
**EXCELLENCE IN ANALYTICAL CHEMISTRY**  
 Aurora Laboratory Services Ltd.  
 212 Brooksbank Avenue  
 North Vancouver BC V7J 2C1 Canada  
 Phone: 604 984 0221 Fax: 604 984 0218

To: STRATEGIC METALS LTD.  
 C/O ARCHER, CATHRO AND ASSOCIATES (1981)  
 LIMITED  
 1016 - 510 W. HASTINGS ST.  
 VANCOUVER BC V6B 1L8

**INVOICE NUMBER: 1003425**

BILLING INFORMATION	
Certificate:	<b>VA02002811</b>
Account:	<b>MTT</b>
Date :	<b>30-Aug-2002</b>
Project :	MC Beryl <i>MA</i>
P.O. No.:	
Quote:	
Terms:	<b>Net 30 Days</b>

ANALYSED FOR			UNIT	
QUANTITY	CODE	DESCRIPTION	PRICE	TOTAL
1	BAT-01	Administration Fee	22.50	22.50
4	PREP-31	Crush, Split, Pulverize	4.50	18.00
6.70	PREP-31	Wt. Charge (kg) - Crush, Split, Pulverize	0.19	1.27
4	Au-AA26	Ore Grade Au 50g FA AA finish	8.40	33.60
4	ME-ICP41	34 element aqua regia ICP-AES	4.80	19.20

SUBTOTAL \$ 94.57

GST R100938885 \$ 6.62

**TOTAL PAYABLE (CAD) \$ 101.19**

To: STRATEGIC METALS LTD.  
 ATTN: ACCOUNTS PAYABLE  
 C/O ARCHER, CATHRO AND ASSOCIATES (1981)  
 LIMITED  
 1016 - 510 W. HASTINGS ST.  
 VANCOUVER BC V6B 1L8

Please Remit Payments to :  
**ALS Chemex**  
 212 Brooksbank Avenue  
 North Vancouver BC V7J 2C1