

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

Telephone: 604-688-2568

Fax: 604-688-2578

## ASSESSMENT REPORT

describing

### 2002 PROSPECTING, AUGER SAMPLING AND HAND TRENCHING

on the

#### BLUE HEAVEN PROPERTY

Blue 1-2	YB34963-YB34964
H 1-2	YB34965-YB34966
Heaven 1-80	YB91140-YB91219
81-92	YB91396-YB91407
93-102	YB91552-YB91561
103-114	YB91630-YB91641



NTS 105B/7

Latitude 60°19' N; Longitude 130°41' 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.  
March, 2003

094367

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This report has been examined by  
the Geological Evaluation Unit  
under Section 53 (4) Yukon Quartz  
Mining Act and is allowed as  
representation work in the amount  
of \$ 14,800.

*M.B.*  
Regional Manager, Exploration and  
Geological Services for Commissioner  
of Yukon Territory.

Costs associated with this report have been  
approved in the amount of \$ 14,800.<sup>00</sup>  
for assessment credit under Certificate of  
Work No. QL 25629

*D. Wood* Apr 2/03

Mining Recorder  
Watson Lake Mining District

## TABLE OF CONTENTS

	<u>PAGE</u>
INTRODUCTION .....	1
LOCATION, CLAIM STATUS AND ACCESS .....	1
PREVIOUS WORK.....	2
GEOMORPHOLOGY .....	5
REGIONAL GEOLOGY .....	6
REGIONAL MINERALIZATION.....	6
PROPERTY GEOLOGY.....	7
2002 PROSPECTING, AUGER SAMPLING AND HAND TRENCHING .....	8
CONCLUSIONS AND RECOMMENDATIONS .....	11
SELECTED REFERENCES.....	13

## APPENDICES

- I AUTHOR'S STATEMENT OF QUALIFICATIONS
- II MOAR ZONE ROCK SAMPLE DESCRIPTIONS
- III CERTIFICATES OF ANALYSIS
- IV RECCE AUGER SAMPLE LOCATIONS
- V RECCE AUGER SAMPLE DESCRIPTIONS

## FIGURES

<u>NO.</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
1	Property Location.....	Following Page 1
2	Claim Location.....	Following Page 1
3	Access.....	Following Page 2
4	Historical Compilation.....	Following Page 2
5	Tectonic Setting.....	Following Page 6
6	Regional Geology.....	Following Page 6
7	Property Geology.....	Following Page 7
8	2002 Sample Areas.....	Following Page 8
9	Moar Zone Samples.....	Following Page 9
10	Moar Zone Results.....	Following Page 10
11	Hall Vein Plan View.....	Following Page 10
12	Hall Vein Trenches H1-H4.....	Following Page 10
13	Hall Vein Trenches H5-H7.....	Following Page 10

## TABLES

I	Hall Vein Assays.....	Page 10
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## INTRODUCTION

Strategic Metals Ltd. owns the Blue Heaven property, which consists of 118 claims covering 1975 hectares. The property is located in southern Yukon and hosts intrusive-related high grade silver-lead-zinc veins, lead-zinc-silver carbonate replacement mineralization and tungsten±copper skarns. Nordac Resources Ltd. (now Strategic Metals Ltd.) acquired the Blue 1-2 and H 1-2 claims in February 1998 from W4 Joint Venture and subsequently staked additional claims within a surrounding area of interest. The entire property is subject to a net smelter return royalty of 2% on ore milled before smelting or 10% on ore not milled before smelting.

This report describes exploration conducted between July 13 and August 2, 2002. The program utilized a two to four person crew working from a camp located on the property. Work consisted of power auger sampling of the Moar Zone, a tungsten skarn occurrence; recce auger sampling and prospecting to evaluate the high grade silver-lead-zinc vein potential of numerous NE-trending linears on the property; and, hand trenching to expose a new 2002 silver-lead-zinc discovery termed the Hall Vein. The program was managed by Archer, Cathro & Associates (1981) Limited and supervised by the author. Appendix I contains the Author's Statement of Qualifications.

## LOCATION, CLAIM STATUS AND ACCESS

The Blue Heaven property consists of 118 contiguous mineral claims located in southern Yukon at latitude 60°19' north and longitude 130°41' west on NTS 105B/7 (Figure 1). They are registered with the Watson Lake Mining Recorder 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>
Blue 1-2	YB34963-YB34964	March 11, 2016
H 1-2	YB34965-YB34966	March 11, 2016
Heaven 1-8	YB91140-YB91147	February 24, 2008
9F	YB91148	February 24, 2016
10	YB91149	February 24, 2016
11F	YB91150	February 24, 2016
12	YB91151	February 24, 2016
13F	YB91152	February 24, 2016
14	YB91153	February 24, 2016
15F	YB91154	February 24, 2016
16	YB91155	February 24, 2016
17F	YB91156	February 24, 2016
18	YB91157	February 24, 2016
19F	YB91158	February 24, 2016
20	YB91159	February 24, 2016
21-46	YB91160-YB91185	February 24, 2008
47-48	YB91186-YB91187	February 24, 2016
49-54	YB91188-YB91193	February 24, 2008
55-61	YB91194-YB91200	February 24, 2016

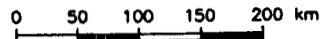
# STRATEGIC METALS LTD.

FIGURE 1

## PROPERTY LOCATION

### BLUE HEAVEN PROPERTY

SCALE 1:5,000,000



FILE: SMD/ACAD03/PLDWG

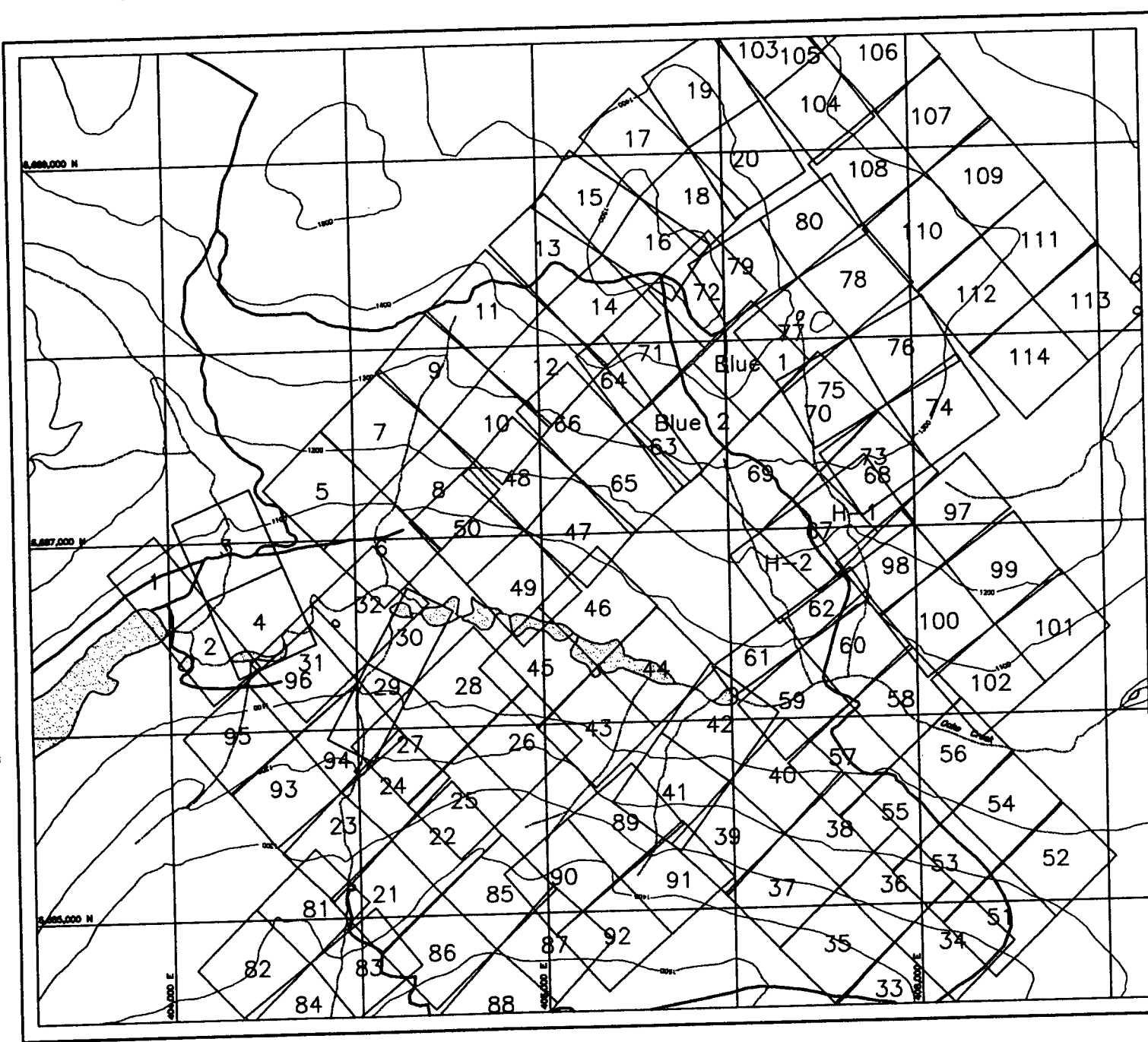
MARCH, 2003

⊙ Strategic property or royalty interest

NSR=net smelter return

NP=net profit





STRATEGIC METALS LTD.	
FIGURE 2 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED <b>CLAIM LOCATION</b> BLUE HEAVEN PROPERTY	
0 100 200 400 600 800 1000 m	
DRAWN/REVISED BY: WMM/PCC	PROJECT: BLUE HEAVEN
FILE: F2 CLAIMS.dwg	DATE: MARCH, 2003

<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date *</u>
Heaven 62F-64F	YB91201-YB91203	February 24, 2016
65-68	YB91204-YB91207	February 24, 2016
69F	YB91208	February 24, 2016
70-72	YB91209-YB91211	February 24, 2016
73F	YB91212	February 24, 2008
74	YB91213	February 24, 2008
75F	YB91214	February 24, 2008
76	YB91215	February 24, 2008
77F	YB91216	February 24, 2016
78	YB91217	February 24, 2008
79F	YB91218	February 24, 2016
80	YB91219	February 24, 2008
81-92	YB91396-YB91407	February 24, 2008
93-102	YB91552-YB91561	February 24, 2008
103-114	YB91630-YB91641	February 24, 2008

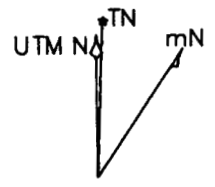
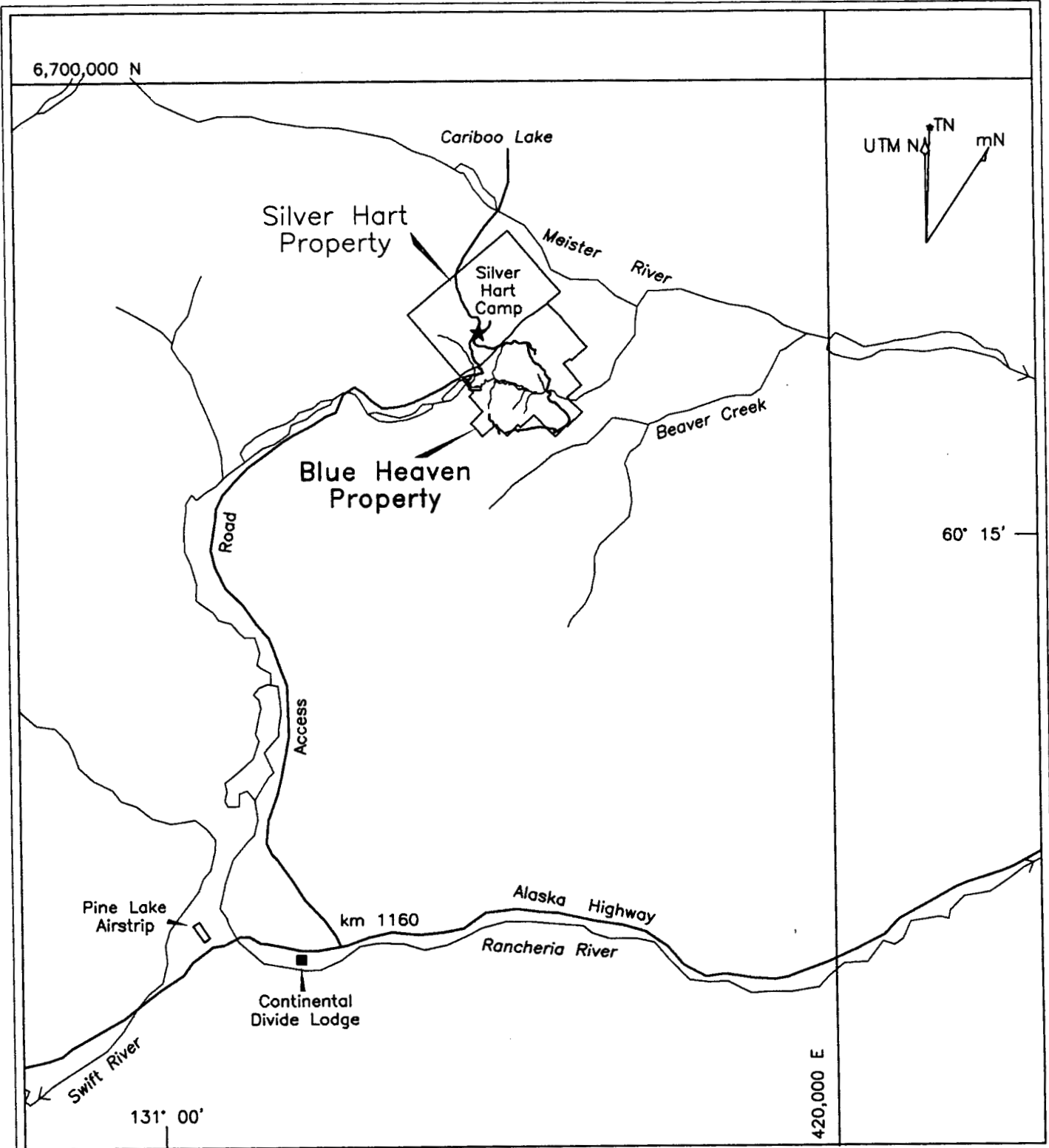
\* Expiry dates include 2002 work filed for assessment credit but not yet accepted.

Access is provided by a 40 km road extending from Km 1160 on the Alaska Highway to an abandoned campsite on the adjacent Silver Hart property (Figure 3). The road is suitable for four-wheel drive vehicles but could easily be upgraded for two-wheel drive use. A system of four-wheel drive roads extends from the Silver Hart campsite onto the Blue Heaven property however, because the roads are eroded in places, access to all but the most important parts of the property is limited to off-road vehicles. Most recent road maintenance was in support of the 2000 diamond drill program.

Whitehorse, the capital and largest community in Yukon, is located 355 km by road west of the property while Watson Lake, where most exploration services are available, lies 180 km to the east. Whitehorse receives daily scheduled air service from Vancouver. The closest all-season deepwater seaport is at Skagway, Alaska 430 km by road to the west-southwest. The nearest railhead is at Fort Nelson, B.C., 720 km to the east-southeast.

### PREVIOUS WORK

The first reported activity on ground now covered by the Blue Heaven property occurred in 1971 when the Nite occurrence, a scheelite bearing skarn, was staked by Wolf Lake Joint Venture (Ashland Oil Canada Ltd., Caltor Syndicate, Canadian Industrial Gas and Oil Ltd. and Rayrock Mines Ltd). The joint venture explored that year with geological mapping, reconnaissance and grid soil geochemistry, bulldozer trenching and 476.5 m of diamond drilling in 8 holes (Figure 4). Although trench results were encouraging, the best drill intersection was 0.17% tungsten over a width of 22.9 m (Archer, 1971; Archer and Cathro, 1972). The property was transferred to Archer, Cathro & Associates Limited in 1976 and was later reduced to four claims. Big Creek Resources Ltd. purchased the claims in 1988 and explored that summer with grid soil sampling and



60° 15'

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FIGURE 3  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**ACCESS**  
**BLUE HEAVEN PROPERTY**



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PROJECT:

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DATE: MARCH, 2003



prospecting (Main, 1988). No further work was done before the claims expired. Most of the scheelite-bearing skarn zone is now situated on the Blue Heaven property.

Silver-lead-zinc mineralization was first recognized in 1973 when Hudson Bay Mining and Smelting Co. Ltd. staked the Buc claims covering what is now the Orly Zone on the Blue Heaven property. It carried out mapping and sampling later that year. In 1978 the showing was restaked as the Com claims by the Wolf Lake Project (Comaplex Resources International Limited and Dayton Creek Silver Mines Limited). The showing at that time was described as a zone of highly fractured granodiorite surrounding a 15.2 cm wide quartz vein containing pyrite and galena (Allen, 1979). This showing was restaked in 1983 as part of the Silver Hart property (described in the following paragraphs). Bulldozer trenching at the showing in 1987 exposed two quartz veins containing galena and sphalerite over a 9 m strike length. A specimen taken in 1987 returned 8671.2 g/t silver while chip samples returned 2077.7 g/t silver over a true width of 21 cm from the south vein and 2022.8 g/t silver over 24 cm from the north vein (DIAND, 1995).

Silver-lead-zinc mineralization north of Oake Creek was first recognized in 1980 when prospector Wally Hyde followed up anomalous soil geochemical values defined by Wolf Lake JV and discovered a high grade galena vein about 2.5 km southwest of the Nite occurrence. He and two partners staked a large claim block (part of which covered the area that is now the Blue Heaven property) and performed hand trenching before optioning the property to BRX Mining and Petroleum Corporation in 1982. BRX conducted geological mapping, soil sampling and 197 m of diamond drilling in two holes later that year then dropped its option (DIAND, 1995). In 1983 Hyde and his partners did more hand trenching and briefly optioned the claims to United Greenwood Exploration Limited and Consolidated Montclerg Mines Limited.

Large scale exploration began in 1984 when the property was optioned to a joint venture consisting of Shakwak Exploration Company Limited and Silver Hart Mines Limited. Subsequent exploration was managed by Silver Hart and included geological mapping, prospecting, reconnaissance and grid soil geochemistry, bulldozer trenching and stripping, 3658 m of diamond drilling in fifty holes and 673 m of underground development from an adit (DIAND, 1995). Silver Hart also constructed a road to the property. Most of Silver Hart's work was done on claims that adjoin the Blue Heaven property to the northwest (Silver Hart property on Figure 3).

Work completed by Silver Hart in 1985, 1986 and 1987 identified more than twenty veins in a 6 by 4 km area. Most of its work, including all diamond drilling, stripping and underground development, focussed on the TM, FM, SM and Meteorite Zones located 1 km northwest of the Blue Heaven property. In 1987 a resource of 97,000 tonnes grading 1025 g/t silver was calculated assuming an underground operation with a 1.5 m minimum mining width (DIAND, 1995 and Silver Hart, 1987). The reserve is localized in a small area in the central part of the Silver Hart property and there is good exploration potential along strike, downdip and on parallel veins. None of the veins on the Blue Heaven property received serious exploration by Silver Hart.

Silver prices dropped sharply in the late 1980's and for the next several years the property was inactive. During this period a number of claims were allowed to expire. In 1991 and 1992 Silver Hart performed additional trenching and environmental reclamation before relinquishing its option.

A similar program was done in 1993 by Hyde and his partners and since that time the property has been dormant.

In fall 1991 W4 Joint Venture staked the Blue claim after Silver Hart claims in that area had expired. Prospecting the following year showed that the Blue claim was mislocated. W4 JV then staked the Blue 1-2, H 1-2 and Orly 1-2 claims to protect veins exposed in old Silver Hart trenches. In 1994 W4 JV performed prospecting and trench sampling on the claims and staked fourteen Glory claims around them. An additional 24 Glory claims were staked in 1995 and minor reconnaissance soil sampling and prospecting were done. This work was not filed for assessment and the original Blue, both Orly and all 38 Glory claims were allowed to expire.

Nordac Resources Ltd. (now Strategic Metals Ltd.) acquired the Blue 1-2 and H 1-2 claims in February 1998 and staked the Heaven 1-80 claims within a surrounding 5 km radius area of interest. All 84 original claims, and any other claims that Strategic subsequently stakes within the area of interest, are subject to a 2% net smelter return royalty on any ores that are milled before smelting or a 10% net smelter return royalty on ores that are not milled before smelting. The net smelter royalties are payable to W4 JV.

Exploration by Nordac between mid-June and late September 1998 included staking an additional 34 claims plus geological mapping, prospecting, grid and reconnaissance soil sampling, ground magnetic surveys, hand trenching and 1759 m of excavator trenching in 39 trenches (Becker, 1999). Most of the soil samples were collected from two grids, which measure approximately 1500 by 1500 m and 2300 by 3000 m. Results from the sampling outlined areas of strongly anomalous silver, lead, zinc and copper response on both grids and strongly anomalous lead and zinc values within a broad southeast trending band that extends the full length of the larger grid. The first set of anomalies are attributed to mineralized quartz veins while the lead-zinc rich band roughly corresponds to a southeast trending belt of skarn and carbonate rich metasedimentary rocks. Excavator trenching tested known areas of mineralization and previously unexplored soil geochemical anomalies. These trenches successfully expanded and better defined the known vein occurrences and discovered new areas of vein, skarn and carbonate replacement mineralization.

Exploration programs up to and including 2002 have identified three types of mineralization within 36 occurrences on the Blue Heaven property. Twenty-four of the occurrences consist of galena and sphalerite with varying amounts of pyrite, arsenopyrite, tetrahedrite and chalcopyrite hosted in northeast trending quartz veins. These veins crosscut both intrusive and metasedimentary rocks. The best veins exposed to date are the Blue and H Zones which returned assays up to 12,396 g/t silver over 20 cm and 10,561 g/t silver over 94 cm, respectively. This type of mineralization was the main target of 2002 recce auger sampling described in this report. A new zone, the Hall Vein was discovered as a result of prospecting that accompanied this work. The second type of mineralization consists of galena and sphalerite found in eight strongly oxidized, manganeseiferous siderite and jasperoid replacement zones developed within the southeast trending belt of carbonate metasedimentary rocks. Chip samples from a 1998 excavator trench in one of these areas (Desire Zone) returned a weighted average of 5.0% lead, 3.6% zinc and 65.6 g/t silver over a width of 35.8 m (Becker, 1999). The 2000 diamond drill hole tested down plunge of one of the most promising areas in the Desire Zone but it intersected only a 3.11 m interval of intensely weathered siderite

with disseminated and veinlet galena and sphalerite that assayed 6.0 g/t silver, 0.10% lead and 2.67% zinc (Becker, 2000b). The last type of mineralization consists of five tungsten±copper skarn showings, four of which lay within the same belt of carbonate metasedimentary rocks that hosts the lead-zinc-silver replacement mineralization. The Moar Zone tungsten skarn mineralization was the focus of part of the 2002 work. A chip sample of the garnet-diopside skarn containing pyrite, pyrrhotite, chalcopyrite and scheelite returned 0.3%  $W_3O_8$  and 0.31% copper over 3.5 m in a 1998 excavator trench.

Exploration on the property in 1999 evaluated the Blue and H Zones (Becker, 2000a). Both contain northeast trending high grade silver-lead-zinc veins. Work included excavator trenching, bulk sampling and reclamation. During the excavator trenching program galena and tetrahedrite rich mineralization was separated from lower grade material to form a bulk sample. The mineralization was placed in fibreglass bags and sent to a smelter. The net weight of the material was 52.31 tonnes of which 51.47 tonnes were dried ore and 0.84 tonnes (1.6%) moisture. The grade of the shipment was 8563 g/t silver, 56.2% lead, 9.5% zinc and 1.2 g/t gold. The work successfully defined the character and extent of previously discovered sulphide lenses but did not discover additional lenses. These veins will require additional excavator trenching to identify high grade lenses before more bulk sampling can be done.

Limited diamond drilling in 2000 tested beneath carbonate hosted lead-zinc-silver mineralization exposed by earlier excavator trenching at the Desire Zone. Drilling results demonstrated that size potential of the surface showing is limited and no further work was recommended.

### GEOMORPHOLOGY

The property is situated in the Cassiar Mountains. Local elevations range from 1050 m on Oake Creek to 1600 m on a ridge crest along the southern edge of the claim block. Creeks draining the property flow into the Meister River, a tributary of the Liard River, which flows to the Arctic Ocean.

Vegetation includes thick stands of mature balsam, spruce and pine interspersed with willow below 1300 m giving way to buckbrush and stunted balsam and finally grasses and lichen above 1500 m. Linear vegetation-depleted zones up to 15 m wide and 100 m long are developed along the surface trace of some known and suspected mineral occurrences. Bedrock is generally obscured by talus above 1400 m or by glacial till at lower elevations.

Climate in the area is categorized as continental and characterized by relatively long cold winters and warm dry summers. Daylight hours range from a minimum of about 6 in December to a maximum of 22 in June. Annual precipitation averages approximately 450 mm. Snow can occur in any month and normally covers the ground from October to May. Maximum snow depth is about 150 cm. Permafrost is common in the area but is not pervasive. The local streams usually break up in late May and freeze over in early November.

## REGIONAL GEOLOGY

The Blue Heaven property lies within a belt of metamorphic rocks belonging to the Yukon-Tanana Terrane and Cassiar Platform (Figure 5). This belt extends from northern B.C. into central Yukon. The northeastern edge of the belt is defined by the Tintina Fault Zone, a series of subparallel transcurrent faults that produced about 450 km of dextral offset in Late Cretaceous and/or Early Tertiary times (Tempelman-Kluit, et al, 1976). The southwestern side is bounded by the Big

Salmon Fault (Keijzer, et al, 1999). Yukon-Tanana Terrane and Cassiar Platform rocks are composed of Paleozoic stratigraphy, which has been intruded by Jurassic to Cretaceous plutons, as illustrated on Figure 6. Both of the major geological packages are considered "suspect terranes" representing variably distal metamorphosed equivalents of North American continental margin sediments. Yukon-Tanana, the furthest outboard of the two terranes, is thrust onto Cassiar Platform rocks by the D'Abbadie Thrust Fault. The regional metamorphic fabric within both terranes strikes northwesterly and dips moderately toward the northeast.

Although rocks of the Yukon-Tanana Terrane and Cassiar Platform are generally similar and approximately the same age, the two packages are distinguished by higher proportions of carbonate strata in the Cassiar Platform and metavolcanics in the Yukon-Tanana Terrane. The Blue Heaven claims straddle the contact between the Cassiar Platform and the Cassiar Batholith, a Mid-Cretaceous pluton up to 20 km wide and 400 km long that extends from northern British Columbia into southern Yukon. The batholith is cut by a major dextral strike-slip fault, the Cassiar Fault.

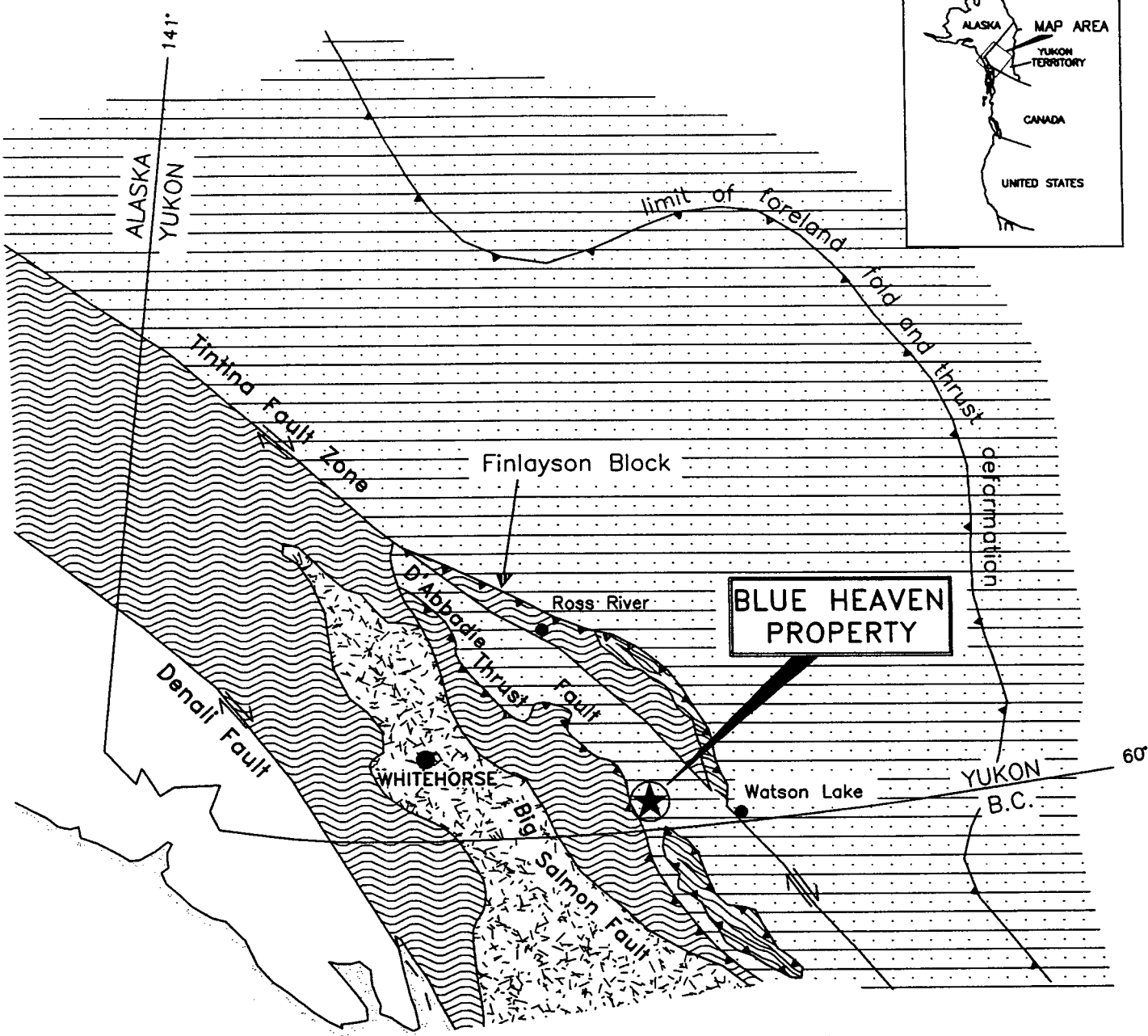
Movement on this structure and other major faults resulted in a series of smaller extensional, northeast trending faults that are associated with much of the mineralization in the Blue Heaven area.







Geology in the Rancheria area was mapped at 1:250,000 scale in 1960 by the Geological Survey of Canada (Poole, et al, 1960). More detailed mapping in the Rancheria District (105B/1, 2, 7 and 8) was done in 1985 and 1986 at 1:50,000 scale by DIAND (Lowey and Lowey, 1986; Amuken and Lowey, 1987) in response to numerous base and precious metal discoveries in the area.

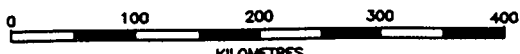
## REGIONAL MINERALIZATION

The Cassiar Platform and intrusive rocks of the Rancheria area are host to numerous mineral occurrences including: silver-lead-zinc±copper±gold veins; tin±tungsten±zinc skarns; and, silver-zinc-lead replacement bodies. The most significant discoveries in this region to date are the Silvertip (Midway), Logan and Silver Hart Deposits. The locations of these deposits are shown on Figure 6.

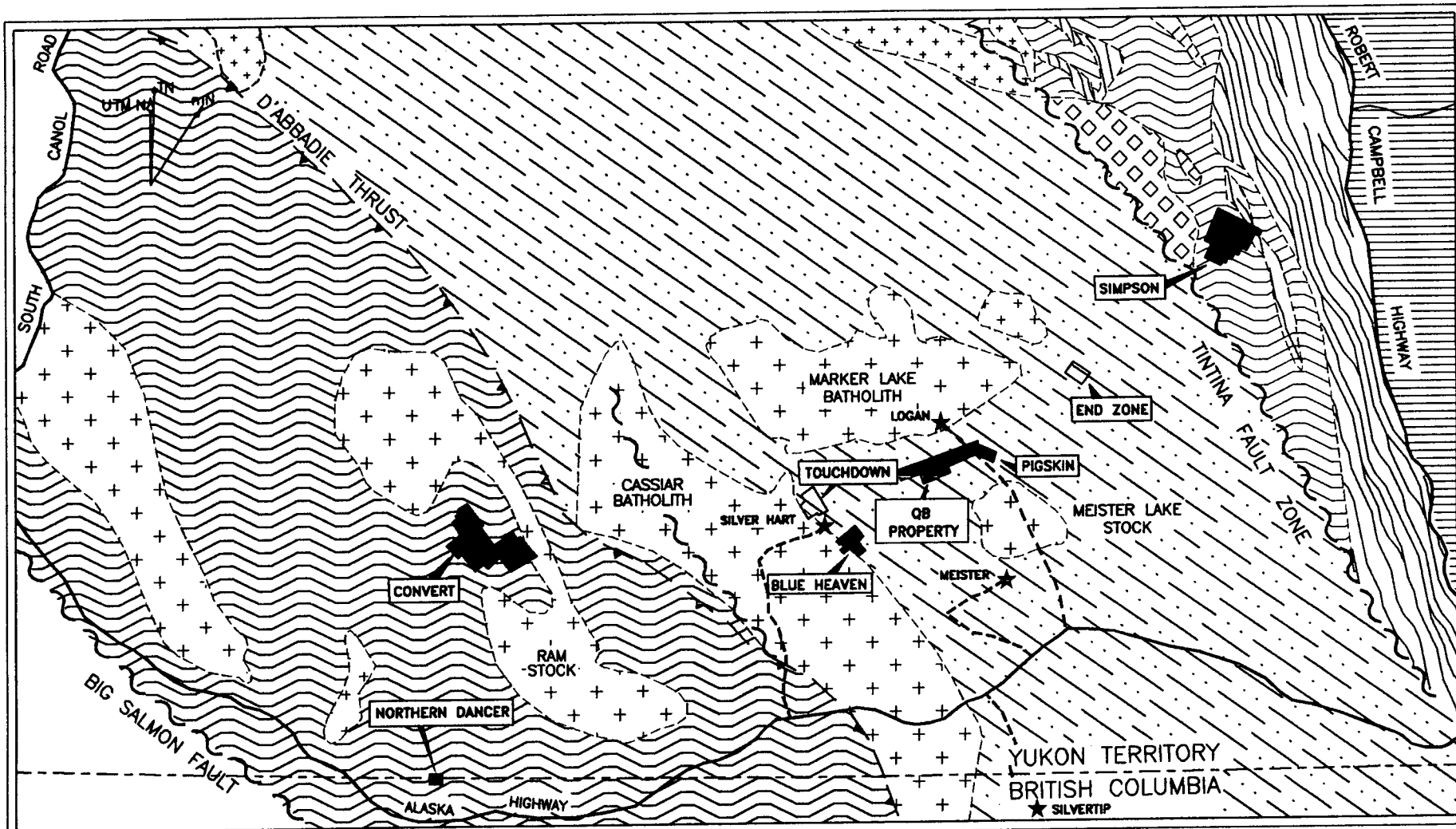
The Silvertip Deposit is classified as a manto replacement body hosted in Devonian age strata. Diamond drilling and underground development have outlined a mineral resource of 2,570,000 tonnes with an average grade of 325.0 g/t silver, 6.4% lead, 8.8% zinc and 0.63 g/t gold (GCNL #10, January 15, 1998). Vein and shear hosted mineralization occurs within the Cretaceous Marker Lake Batholith at the Logan Deposit where reserves are estimated at 12.3 million tonnes grading



-  Thrust fault
-  Steep fault
-  Yukon-Tanana Terrane
-  Slide Mountain Terrane
-  Stikinia and other Terranes
-  Cassiar Platform and other North American Miogeoclinal Strata

STRATEGIC METALS LTD.	
FIGURE 5 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED	
<h1 style="margin: 0;">TECTONIC SETTING</h1> <h2 style="margin: 0;">BLUE HEAVEN PROPERTY</h2>	
	
DRAWN/REVISED BY: WAW	PROJECT:
FILE: AW.SMD.BLUE.F5 TECTONIC	DATE: MARCH, 2003

Modified after Mortensen and Jilson (1985), Mortensen (1992) and Johnston and Mortensen (1994).



**North American Miogeocline**

Pre-Triassic sedimentary and volcanic rocks

**Slide Mountain Terrane**

Chert, ultramafic, metavolcanic, and carbonate rocks

**Yukon-Tanana Terrane**

Paleozoic metasedimentary and metavolcanic rocks

**Cassiar Platform**

Paleozoic metasedimentary and metavolcanic rocks

**Intrusive Suites**

Paleozoic metaplutonic rocks

Mesozoic plutonic rocks

Property owned by Strategic Metals Ltd.

★ Deposit owned by others

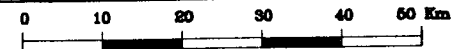
--- Access road to property

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FIGURE 6  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**REGIONAL GEOLOGY**

BLUE HEAVEN PROPERTY



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DWG: MARCH, 2003

6.17% zinc and 26.0 g/t silver (DIAND, 1995). The Silver Hart Deposit consists of a series of high grade, silver bearing veins reportedly containing 99,000 kg of silver (DIAND, 1995). Most high grade silver veins and silver-zinc-lead replacement bodies in the Rancheria area are associated with northeast trending extensional faults.

### PROPERTY GEOLOGY

Bedrock exposure on the property is poor (<5%) and generally restricted to creek cuts, outcrops above treeline or small windows through the glacial till. The main units are Lower Cambrian schist, limestone and skarn belonging to the Cassiar Platform and granitic rocks of the Mid-Cretaceous Cassiar Batholith. Mineralized quartz veins crosscut both the metasedimentary and plutonic rocks but are in turn crosscut by younger felsic and mafic dykes.

Geology for the entire property is shown on Figure 7. The main rock types are described below, followed by a few paragraphs on structural geology.

**Schist** is usually tan to dark brown weathering, medium grained, well foliated and light grey to pale green when fresh. It varies from hard and massive to crenulated and highly fissile. The unit consists of various combinations of quartz-muscovite±biotite±chlorite±feldspar. It is generally subdivided during outcrop and trench mapping but for the purpose of this report all schist has been grouped together. Quartz and feldspar augen are present in some layers with the feldspar often weathering to kaolinite. Foliaform quartz sweets are locally present while manganese and limonite stained fractures are common.

**Limestone** is white and coarsely crystalline or pale greenish grey and fine grained. The finer grained material contains biotite and muscovite along schistose partings and laminations. Trace amounts of pyrite and pyrrhotite occur as thin laminae (2 to 4 mm wide). This unit is interbedded with schist in a 350 to 500 m wide band labelled on Figure 7 as "skarn and carbonate rich metasediments" that trends southeasterly across the centre of the property. Limestone outcrops are rare and locally exhibit weak skarnification which grades into rocks mapped as skarn.

**Skarn** is moderately banded, resistant weathering and varies in colour from green to white. It typically consists of alternating diopside and diopside-garnet rich bands but occasionally contains 60 to 80% coarse almandine garnet (<20 mm in diameter) in a white marble matrix. This unit contains up to 50% thinly interbedded schist in some exposures but averages less than 10%. Skarnified rocks occur in two main belts. The largest belt is 350 to 500 m wide and trends southeast across the central part of the property. The other belt, not shown on Figure 7, is 200 to 300 m wide and is centred on the Nite Zone in the northeastern part of the property. The skarnification postdates regional metamorphism and is likely related to emplacement of the Cassiar Batholith.

**Granodiorite** is grey, non-foliated and blocky weathering. Composition is relatively consistent with approximately 60% feldspar, 20% quartz, 15% biotite and 5% muscovite. The Cassiar Batholith underlies the southwestern part of the property while a 1.5 by 2 km plug of similar material occurs along a ridge in the northeastern part of the property. The contact between



plutonic and metasedimentary rocks is irregular and marked by increased weathering and fracturing.

**Felsic or mafic dykes** have only been found in a few outcrops (not shown on Figure 7). Both types of dyke are aphanitic with the felsic dykes having quartz and albite phenocrysts in a light grey groundmass and the mafic dykes having biotite and rare augite phenocrysts in a dark green groundmass. The dykes are generally less than 1 m wide and altered to green clay near surface.

Foliation is well developed within the metasedimentary rocks and consistently strikes southeast with moderate dips toward the northeast. It appears to parallel compositional layering and relic bedding. All units are conformable and there is no evidence of large scale folding.

Jointing is well developed in all rock types and three sets of orientations predominate. The strongest jointing on the property strikes northeast and dips moderately northwest. The second set strikes east and dips steeply to the south. The weakest joints strike north and dip near vertical. Mineralized veins approximately parallel the strongest joint set, striking northeast and dipping to the northwest, while unmineralized veins strike east and dip moderately to the north. The veins postdate skarnification.

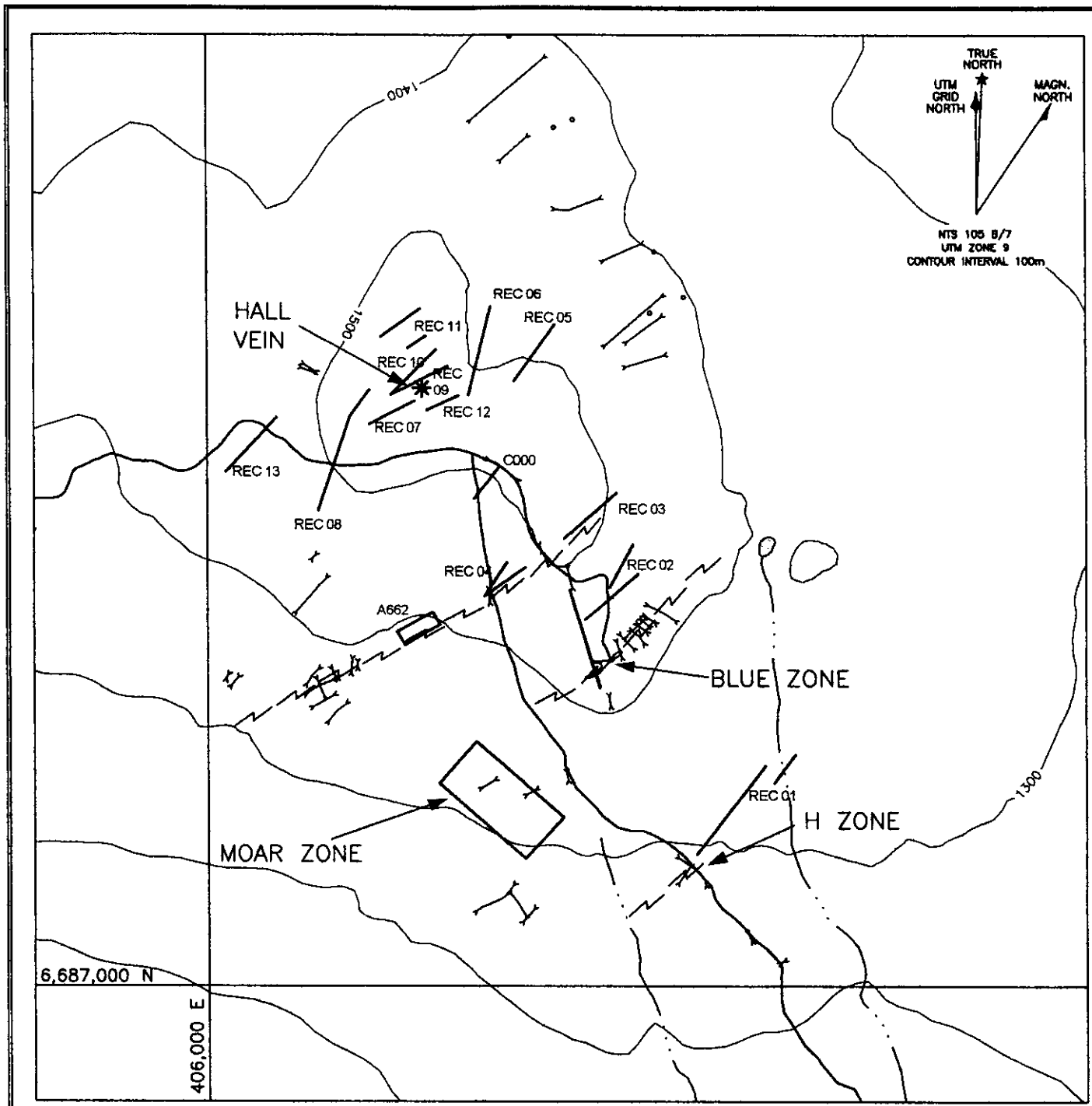
Two sets of topographic linears have been identified on airphotos. The strongest linears trend northeast and are best developed on ridge tops within the granodiorite. On surface these zones are marked by depressions from 2 to 10 m deep and up to 20 m wide. They can be easily followed for up to 800 m. Most are U-shaped with flat bottoms containing intermittent streams and angular granodiorite boulders. These linears are interpreted as zones of increased jointing adjacent to faults. They frequently parallel mineralized veins and the dominant joints.








The second set of topographic linears trend southeast and occur within the metasedimentary units. These linears are found at lower elevations and range from 2 to 4 m deep and average 5 m wide. They are usually filled with intermittent streams, overburden and thick vegetation. This set of linears appears to have developed due to differential weathering of the metasedimentary units.

### **2002 PROSPECTING, AUGER SAMPLING AND HAND TRENCHING**

Work in 2002 initially focused on two objectives. The first was evaluating the size potential of the **Moar Zone** tungsten skarn mineralization that was first discovered by 1998 excavator trenching. The second objective of the 2002 work program was to prospect numerous northeast trending recessive linears on the claims for high grade silver-lead-zinc veins similar to the previously bulk sampled Blue and H Zones on the Blue Heaven property and veins extensively explored by trenching, drilling and underground excavation on the adjacent Silver Hart property. In addition to exploration data received from this work, a new discovery termed the **Hall Vein** was found by prospecting and evaluated by hand trenching. Locations of the 2002 sampling programs are shown on Figure 8.

All rock samples collected as a result of this work were sent to ALS Chemex, North Vancouver, B.C. where they were geochemically analyzed for 41 elements using Induced Coupled Plasma technique. Gold as well as samples of higher grade mineralization were also analyzed for silver,



-  Pre-1998 and 1998 hand/equipment trench
-  1971 diamond drill hole collar
-  Road
-  Creek
-  Fault
-  2002 Auger sample lines
-  2002 Auger sample grid

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FIGURE 8  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
**2003 SAMPLE AREAS**  
**BLUE HEAVEN PROPERTY**



lead, zinc, copper and arsenic, as required, by Atomic Absorption methods.

### Moar Zone

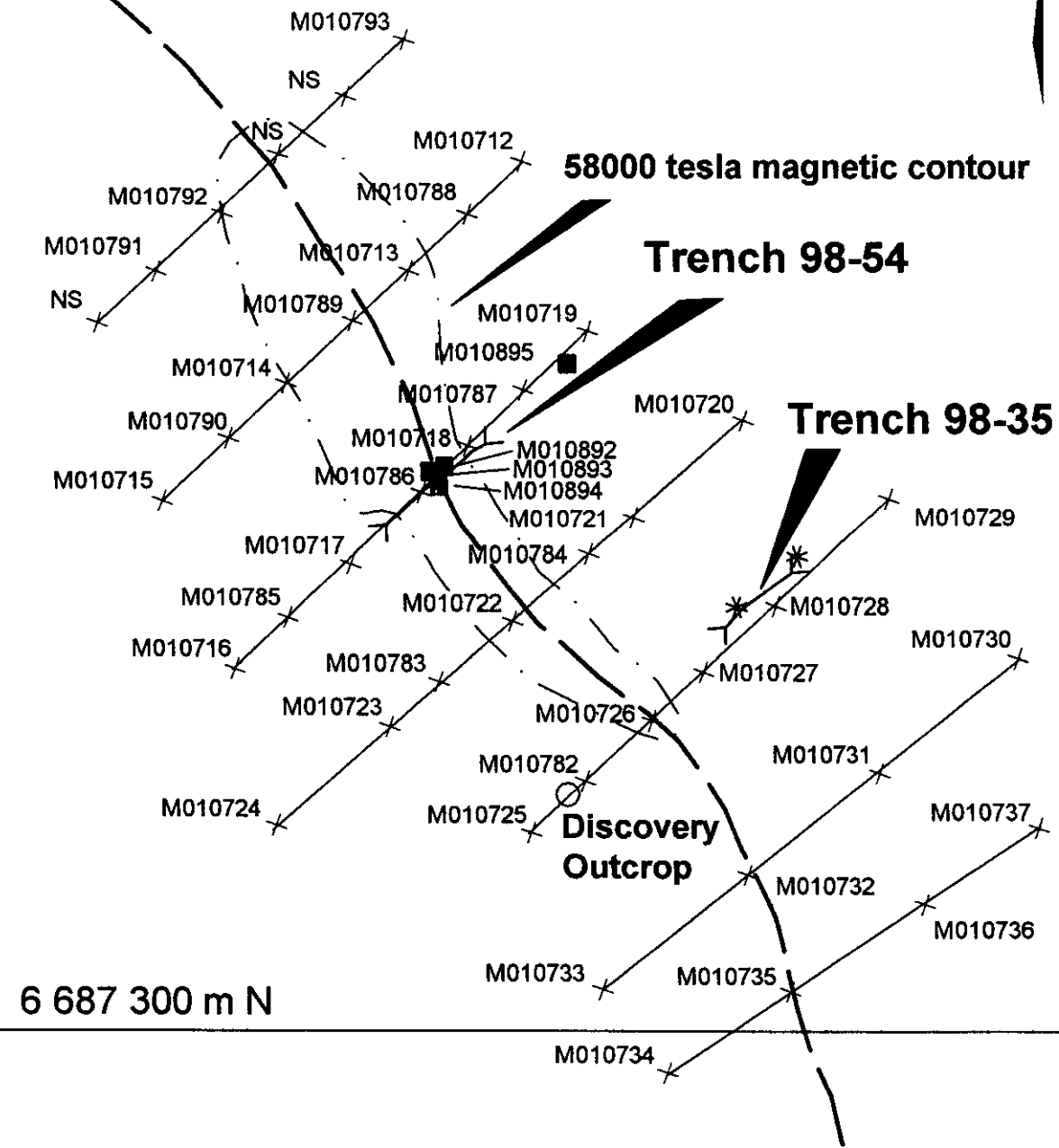
The Moar Zone was discovered in 1998 during a property wide soil sampling program and was tested the same field season with two excavator trenches and a ground magnetic survey (Becker, 1999). The discovery massive sulphide outcrop, exposed under the roots of a blown over tree, returned assays up to 1.32%  $WO_3$  and 0.11% Cu. The showing is near the southeast end of a >58000 tesla magnetic anomaly (Figure 9) but it was not trenched because it is difficult to access by machine. Trench 98-54 was cut across the centre of the strongest magnetic response about 100 m to the northwest of the discovery outcrop and it exposed a 12.3 m wide band of garnet-diopside skarn that contains a 3.5 m wide zone of interlayered pyrite-pyrrhotite-chalcopyrite mixed with skarn. A chip sample across the sulphide zone returned 0.31%  $WO_3$  and 0.31% Cu. Soil samples collected from the area returned strongly anomalous tungsten and copper values but the variable thickness of glacial till overburden and partially frozen ground prevented a complete evaluation by surface geochemistry. An isolated tungsten soil geochemical anomaly 90 m northeast of the Discovery outcrop was tested by Trench 98-35 but it did not intersect any carbonate or skarn rocks and bedrock sampling returned only low assays for all metals. Prospecting in the area in 2002 uncovered several pieces of massive sulphide float in the disturbed overburden from the now reclaimed trench and, although these were not assayed, the float and the coincident soil geochemical anomaly are probably indicative of an undiscovered skarn zone upslope of the trench.

The 2002 exploration of the Moar Zone consisted primarily of power auger testing of the existing soil geochemical-geophysical grid across the strongest ground magnetic anomaly in the immediate vicinity of the discovery showing and the 1998 excavator trenches (Figure 9). In addition, massive sulphide float from reclaimed Trench 98-54 was collected for analysis. Rock samples are described in Appendix II while Certificates of Analysis are given in Appendix III. Two samples were collected from each power auger hole, which was drilled as deep as possible to a maximum of 150 cm. One sub-sample was separated for screening and a visual description. After sizing to  $\leq 1$  mm, the coarse and fine fractions were inspected and data such as primary rock types, presence of magnetite or sulphide minerals, etc. were recorded. The fine fraction was panned by hand to approximately two tablespoons and inspected under UV light for a scheelite grain count. Scheelite grain counts are plotted on Figure 10 while sample descriptions are given in Appendix IV. The second split from each auger hole was labelled and set aside for possible later geochemical analysis as required.

The Moar Zone 1998 geophysical survey outlined a 200 m long, northwest trending magnetic anomaly that appears to represent a stratabound pyrrhotite rich replacement skarn zone in calcareous metasedimentary rocks. Analyses of samples of this material show it to be enriched in copper (up to 0.82%) and tungsten (up to 1.32%). Full width and grade potential of the sulphide rich mineralization remains to be completely defined by further exploration. Scheelite grain count distribution from the 2002 auger drilling in the Moar Zone demonstrates, however, that the best tungsten mineralization tonnage potential may be in an area of garnet-diopside skarn that lies adjacent to the sulphide replacement zone, uphill and to the northeast. A sample of float (M010895-Appendix II) collected in 2002 from a bulldozer road cut in this area contained

406 600 m E

Axis of magnetic anomaly



6 687 300 m N

■ M010892 rock sample (float)

✕ M010791 auger sample site

—|— reclaimed excavator trench

\* massive sulphide - not sampled

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FIGURE 9  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

### MOAR ZONE SAMPLES

BLUE HEAVEN PROPERTY

0 50 100 150 200 m



DRAWN BY: WAW

FILE: AW.SMD.BLUE.F11

DATE: MARCH, 2003

6310 ppm Cu and 860 ppm W (Figure 10). This rock consisted of diopside skarn with roughly 25% pyrite-pyrrhotite-magnetite bands containing weak to moderate scheelite mineralization evident under UV light. Scheelite grain count data from the 2002 auger drill overburden sampling program demonstrate that the total extent of the tungsten bearing skarn in the Moar Zone probably extends uphill some distance from the sulphide zone that was the focus of previous exploration.

**Hall Vein**

Prospecting in 2002 discovered an outcropping narrow quartz vein zone in weakly altered granodiorite in the northwest part of the Blue Heaven property, about 1400 m north of the Moar Zone (Figure 7). Secondary lead, zinc, copper and arsenic minerals were noted and the structure was investigated with subsequent sampling and evaluation by hand trenching. A sketch showing location of the 2002 Hall Vein hand trenches is shown in Figure 11 while detailed trench data is given in Figures 12 and 13. A table of assays is given below

**TABLE I: HALL VEIN ASSAYS**

Trench	Vein	Sample #	Ag (oz/ton)	Ag (g/t)	Au (g/t)	Pb (%)	Ag:Pb ratio	Zn (%)	Cu ppm	Width (cm)
<b>H1</b>										
<b>H2</b>	Hall	M010879	2.42	83	0.023	0.22	11:1	0.03	39	40
<b>H3</b>										
<b>H4</b>	FW	M010880	4.08	140	0.749	0.88	4.6:1	0.06	103	15
	Hall	M010881	37.6	1290	<0.005	23.1	1.6:1	0.52	7210	10
	Hall	M010886	40.8	1400	0.435	58.2	0.7:1	0.89	1.00%	grab
<b>H5</b>	Hall	M010882	35.7	1225	0.278	27.1	1.3:1	0.59	815	10
<b>H6</b>	Hall	M010883	38.2	1310	1.420	23.3	1.6:1	0.72	1385	15
<b>H7</b>	Hall	M010885	1.02	35	0.032	0.54	1.9:1	0.02	114	50
	FW	M010884	1.14	39	0.007	0.50	2.3:1	0.01	45	50

The Hall Vein was traced for a 10 m distance by trenches H3 to H6. The west-northwest trending structure appears in detail to consist of a relatively strong fault or fracture controlled quartz vein with a steep northerly dip. Mineralization consists of a gangue of quartz and lesser siderite with thin bands or patches of fine grained galena that is oxidized to cerussite near surface. One or more parallel footwall fault zones are only weakly mineralized. Although the current Hall Vein exposures are too narrow to be of direct economic interest, the silver:lead ratios of the galena are high and further exploration should be carried out in the immediate area to determine whether there are potentially economic widths of silver-lead mineralization as on-strike extensions of the Hall Vein or within parallel structures. A 52 tonne hand sorted bulk sample of similar mineralization taken from the nearby Blue and H zones in 1999 assayed 8563g/t (250 oz/ton) silver and 56.2% lead.

**Reconnaissance Auger Sampling**

One of the major thrusts of the 2002 exploration program on the Blue Heaven property was to

406 600 m E

Axis of magnetic anomaly



58000 tesla magnetic contour

Trench 98-54

Trench 98-35

6 687 300 m N

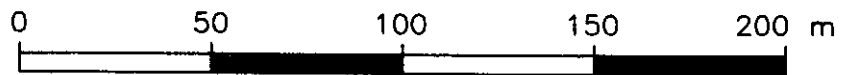
- 3480,760 rock sample with ppm Cu, ppm W
- ✕ 150 auger sample with # of coarse scheelite grains
- └─┬─┘ reclaimed excavator trench
- \* massive sulphide - not sampled

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FIGURE 10  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

### MOAR ZONE RESULTS

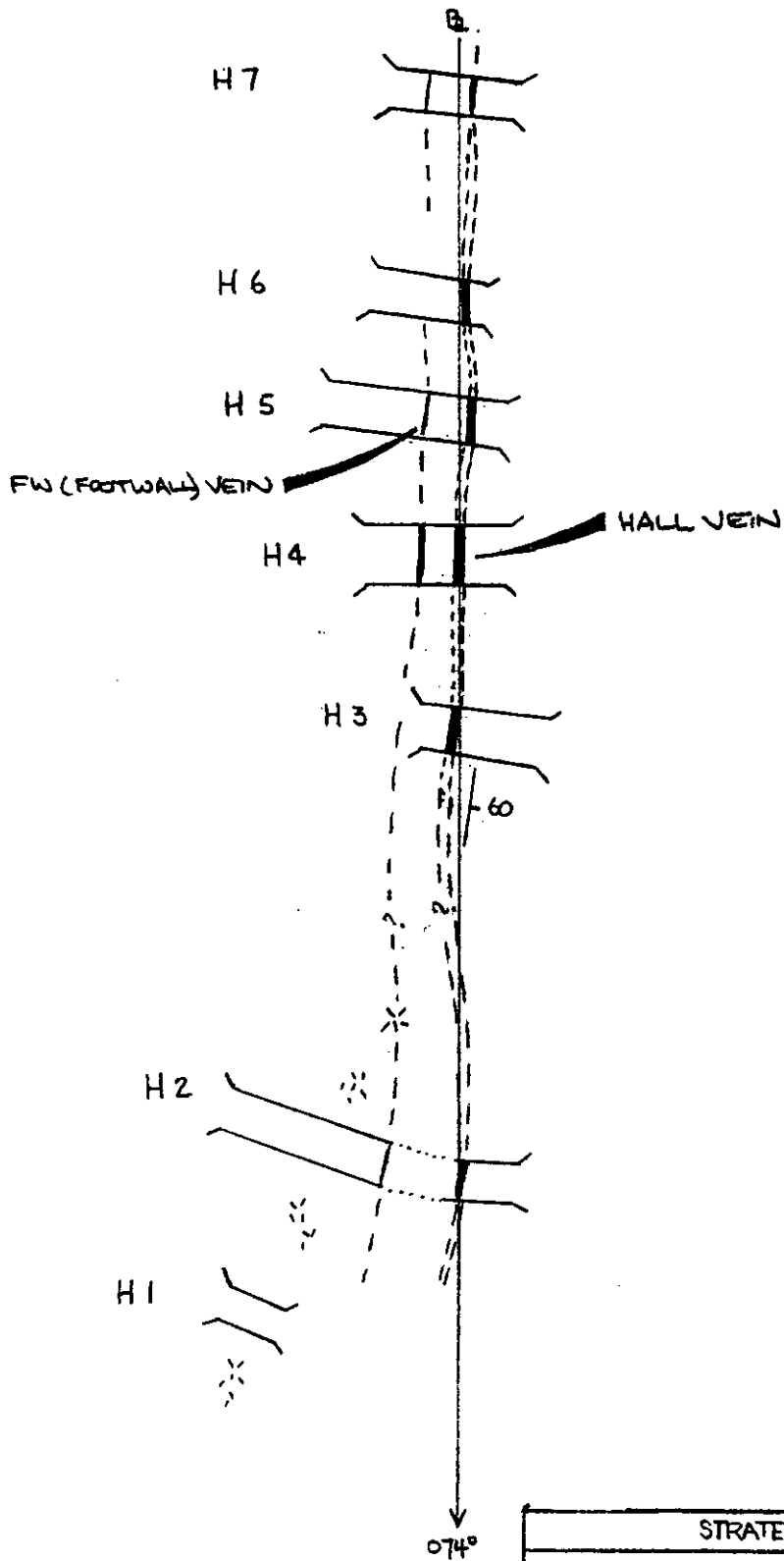
BLUE HEAVEN PROPERTY






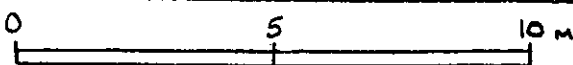
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FILE: AW.SMD.BLUE.F10

DATE: MARCH, 2003

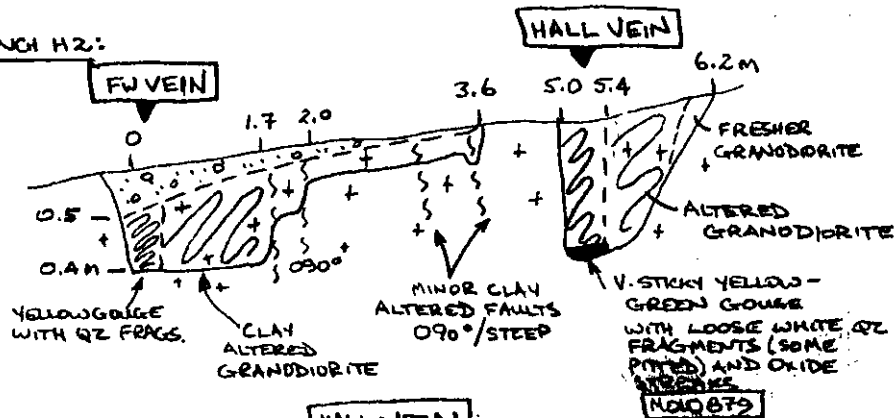


-  GALENA ± CERUSSITE VEIN
-  QUARTZ-CERUSSITE VEIN FLOAT
-  HAND TRENCH

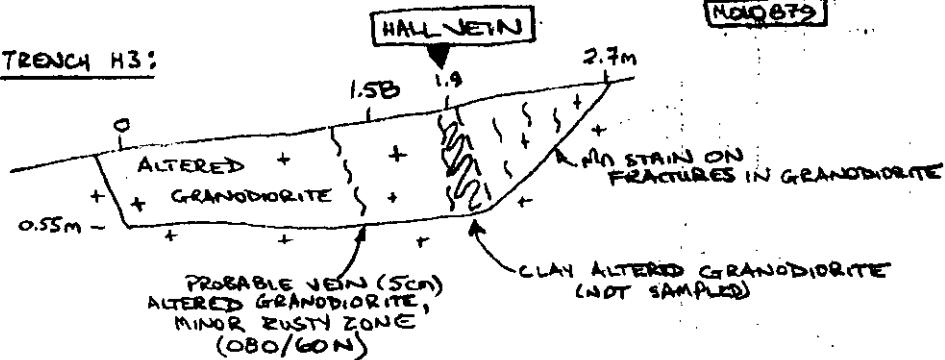
STRATEGIC METALS LTD.	
FIGURE 11 ARCHER, CATHERD & ASSOCIATES (1981) LIMITED	
HALL VEIN - PLAN VIEW BLUE HEAVEN PROPERTY	
	
DRAWN BY: WAW	DATE: MARCH, 2003
FILE: AW.SMD.BLUE	

TRENCH H1: PROFILE 0-10cm TILL  
 10-30cm ANGULAR CLAY ALTERED GRANODIORITE  
 30-60cm GOUCH GRANODIORITE

TRENCH H2:

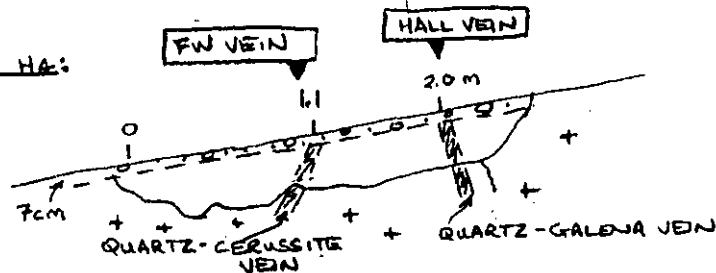


TRENCH H3:



\* ALL TRENCH PROFILES DRAWN LOOKING WEST  
 (NOT TO SCALE)

TRENCH H4:



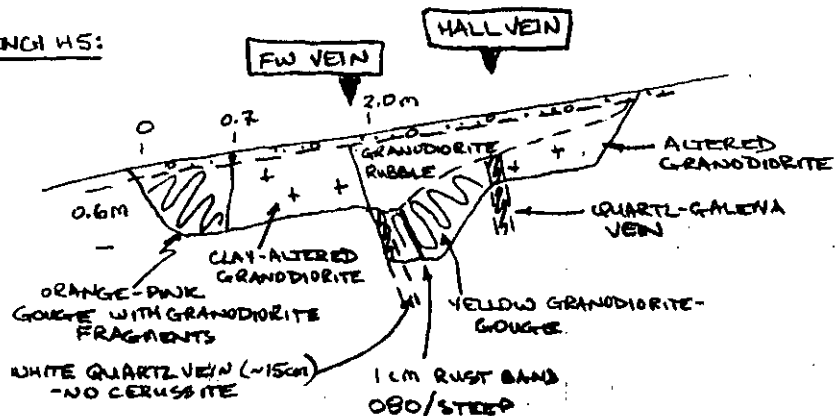
FW VEIN: 15cm WIDE, DOMINANTLY QUARTZ WITH IRREGULAR PATCHES OF CERUSSITE. SOME SURFACE FLOAT UP TO ~50% CERUSSITE.  
 082/70S  
 M010880 15 CM CHIP SAMPLE

HALL VEIN: 10 TO 15 CM WIDE, DOMINANTLY QUARTZ WITH NARROW SIDERITE BAND ON HANGING WALL OF NORTH END EXPOSURE.  
 073/60-75N MASSIVE GALENA 0.5 CM AT NORTH END TO 2.5 CM AT SOUTH END. SOME PARTS OF THE QUARTZ ALSO INCLUDE PATCHES OF GALENA. GALENA IS GENERALLY FINE GRAINED

M010881 10 CM CHIP SAMPLE ACROSS HALL VEIN  
 M010886 MASSIVE FINE GRAINED GALENA FROM HALL VEIN

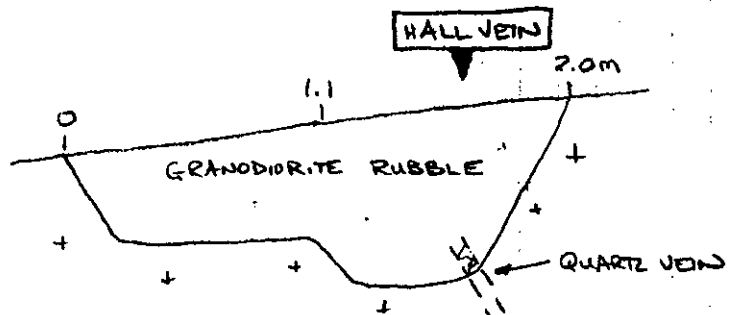
STRATEGIC METALS LTD.	
FIGURE 12	
ARCHER CATHRO & ASSOCIATES (1988) LIMITED	
HALL VEIN TRENCHES H1-H4	
BLUE HEAVEN PROPERTY	
0 5 10m	
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FILE: F12.SMD.BLUE	DATE: MARCH, 2003

TRENCH H5:



**HALL VEIN:** 10 cm IN TOTAL  
5 TO 7cm MASSIVE FINE GRAINED GALENA  
WITH 2 TO 5cm YELLOW STAINED QUARTZ  
GALENA OXIDIZED TO MUDDY ANGLESITE  
**MO10882** 10 cm CHIP SAMPLE ACROSS VEIN  
O78/64N

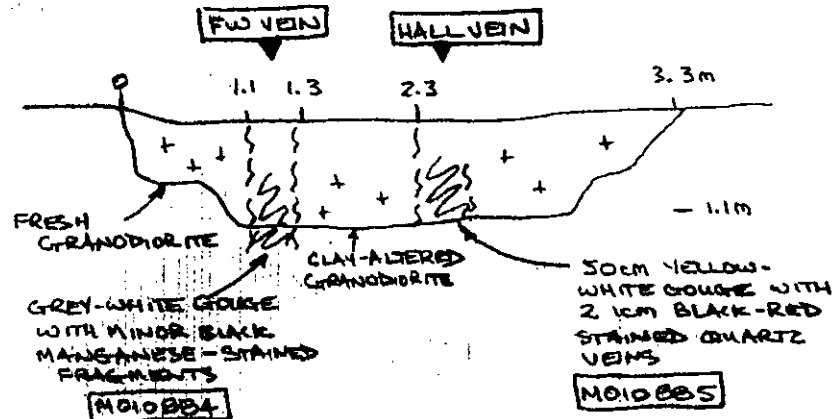
TRENCH H6:



**HALL VEIN:** 15cm TOTAL WIDTH **MO10885**  
4cm - QUARTZ ON HANGING WALL  
8cm - QUARTZ + SIDERITE (Mn STAINED)  
3cm - GALENA + CERUSSITE IN QUARTZ

\* ALL TRENCH PROFILES DRAWN LOOKING WEST  
(NOT TO SCALE)

TRENCH H7:



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FIGURE 13  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

HALL VEIN TRENCHES H5-H7

BLUE HEAVEN PROPERTY



DRAWN BY: RCC

FILE: F13, SMD, BLUE

DATE: MARCH, 2005

investigate the potential of many northeast to east-northeast trending recessive linears to host fault or fracture zone related, high grade silver-lead vein mineralization similar to those in the Blue and H Zones and on the adjoining Silver Hart property. A total of 171 samples were collected from 16 separate targets. The samples represent material composited from 1 to 5 power auger holes up to 150 cm deep at each site. Similar to the Moar Zone auger samples, the recce samples were split into two roughly equal parts. One sub-sample was separated for screening and a visual description. After sizing to  $\leq 1$  mm, the coarse and fine fractions were inspected and data such as primary rock types, presence of magnetite or sulphide minerals, etc. were recorded. The fine fraction was panned to approximately two tablespoons and visually inspected for galena and magnetite grains. The material was then placed in a coin envelope to dry and saved for further inspection under microscope at a later date. The second sub-sample was retained for future geochemical analysis. Locations of the recce auger samples are shown in Appendix IV while coarse and fine sample descriptions are located in Appendix V.

No galena or sphalerite indicative of silver bearing vein type mineralization was seen in the coarse or fine fractions. However, as demonstrated by 2002 hand trenching on the Hall Vein, near surface oxidation has generally altered sulphide mineralization to secondary mineralization and this would have not been recovered by the auger drilling, screening and panning process. Manganese and iron stained, variably altered granitic rocks were frequently noted in the samples and this is typical of other silver-lead veins in the area.

### CONCLUSIONS AND RECOMMENDATIONS

Exploration by Strategic Metals Ltd. on the Blue Heaven property in 2002 was focussed on two objectives. The first was evaluating the size potential of the Moar Zone tungsten skarn mineralization first discovered by 1998 excavator trenching. The second objective of the 2002 work program was to prospect numerous northeast trending recessive linears on the claims for high grade silver-lead-zinc veins similar to the Blue and H Zones and to potentially economic vein zones on the adjacent Silver Hart property. In addition to exploration data received from this work, a new discovery termed the Hall Vein was found by prospecting and evaluated by hand trenching.

The Moar Zone tungsten+copper skarn mineralization was explored with power auger sampling of a small grid centred over a prominent 200 m long ground magnetic anomaly. This feature reflects a pyrrhotite rich sulphide skarn replacement body that has only been tested by one 1998 excavator trench where a chip sample across the sulphide zone returned 0.3%  $WO_3$  and 0.31% Cu. Results of the 2002 exploration suggest that a relatively large area of tungsten bearing skarn mineralization may lie adjacent to the sulphide replacement zone, uphill and to the northeast. This bulk tonnage tungsten target remains to be tested by additional excavator trenching with follow-up diamond drilling if warranted.

The Hall Vein is a 2002 prospecting discovery and it was traced for a 10 m distance by close spaced hand trenching. The west-northwest trending structure appears in detail to consist of a relatively strong fault or fracture controlled, silver rich quartz-galena vein with a steep northerly dip. Although the current Hall Vein exposures are too narrow to be of direct economic interest, the silver:lead ratios of the galena are high and further exploration should be carried out in the

immediate area to determine whether there are potentially economic widths of mineralization as on-strike extensions of the Hall Vein or within parallel structures.

Reconnaissance scale auger sampling was carried out on numerous northeast trending recessive linears that parallel high grade silver-lead veins elsewhere on the property. No vein mineralization was noted in a visual inspection of overburden samples recovered although rock fragments were frequently altered and stained similar to host rocks of the mineralized vein systems. A split of each auger sample was set aside for future geochemical analysis and this should be carried out if silver prices increase significantly from current levels.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

  
W.A. Wengzynowski, P.Eng.

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**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**

**MOAR ZONE ROCK SAMPLE DESCRIPTIONS**

Rock Sample Descriptions

Project: Roncleria Property: BLUE

Sample Number: M010892 Grid North: \_\_\_\_\_ N Grid East: \_\_\_\_\_ E Type: FERT Dimension: 6x5x5cm 16206u 1116u  
 UTM: \_\_\_\_\_ N UTM: \_\_\_\_\_ E Sample Width: \_\_\_\_\_ Abundance: yes in conc. pile on side of TR.  
 Elevation: \_\_\_\_\_ m  
 Comments: None - MASSIVE E semi massive pyrrhotite and magnetite with minor skarn matrix (not enough skarn to tell what type). Abundant scheelite under UV. Also 3 to 4% fine cpy. in both magnetite and pyrrhotite.

Sample Number: M010893 Grid North: \_\_\_\_\_ N Grid East: \_\_\_\_\_ E Type: FERT Dimension: off 25x25x15cm 52306u 1116u  
 UTM: \_\_\_\_\_ N UTM: \_\_\_\_\_ E Sample Width: \_\_\_\_\_ Abundance: yes near spill pile.  
 Elevation: \_\_\_\_\_ m  
 Comments: Semi massive weakly banded pyrrhotite in diopside-actinolite skarn. ~1% cpy looks to be mostly concentrated in skarn material not pyrrhotite moderate very fine scheelite under UV.

Sample Number: M010894 Grid North: \_\_\_\_\_ N Grid East: \_\_\_\_\_ E Type: FERT Dimension: 5x3x3cm 3126u 766u  
 UTM: \_\_\_\_\_ N UTM: \_\_\_\_\_ E Sample Width: \_\_\_\_\_ Abundance: yes in spill pile near trench.  
 Elevation: \_\_\_\_\_ m  
 Comments: MASSIVE pyrrhotite magnetite pyrite in diopside skarn. Semi banded appearance. Abundant, scheelite concentrated in pyrite - magnetite sections while less fine scheelite in (correct) the pyrrhotite rich section of sample.

Sample Number: M010895 Grid North: \_\_\_\_\_ N Grid East: \_\_\_\_\_ E Type: FERT / suberp. Dimension: 17x15x12cm 6316u 811u  
 UTM: \_\_\_\_\_ N UTM: \_\_\_\_\_ E Sample Width: \_\_\_\_\_ Abundance: moderate.  
 Elevation: \_\_\_\_\_ m  
 Comments: where cut road crosses 7000 E R. Diopside skarn with roughly 25% pyrite - pyrrhotite - magnetite bands containing weak to moderate fine scheelite under UV.

Sample Number: \_\_\_\_\_ Grid North: \_\_\_\_\_ N Grid East: \_\_\_\_\_ E Type: \_\_\_\_\_ Dimension: \_\_\_\_\_  
 UTM: \_\_\_\_\_ N UTM: \_\_\_\_\_ E Sample Width: \_\_\_\_\_ Abundance: \_\_\_\_\_  
 Elevation: \_\_\_\_\_ m  
 Comments: \_\_\_\_\_

Sample Number: \_\_\_\_\_ Grid North: \_\_\_\_\_ N Grid East: \_\_\_\_\_ E Type: \_\_\_\_\_ Dimension: \_\_\_\_\_  
 UTM: \_\_\_\_\_ N UTM: \_\_\_\_\_ E Sample Width: \_\_\_\_\_ Abundance: \_\_\_\_\_  
 Elevation: \_\_\_\_\_ m  
 Comments: \_\_\_\_\_

**APPENDIX III**  
**CERTIFICATES OF ANALYSIS**



# ALS Chemex

Aurora Laboratory Services Ltd.  
 Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218



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 1016 - 510 W. HASTINGS ST.  
 VANCOUVER, BC  
 V6B 1L8

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 Invoice No. : 10224199  
 P.O. Number :  
 Account : MTT

Project : Blue  
 Comments: ATTN: AL ARCHER

<b>CERTIFICATE OF ANALYSIS</b>	<b>A0224199</b>
--------------------------------	-----------------

SAMPLE	PREP CODE	Pb % con								
M010886	212 --	58.18								

CERTIFICATION: C. Severin



**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



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Page # : 2 - A  
 Total # of pages : 2 (A - C)  
 Date : 29-Aug-2002  
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**CERTIFICATE OF ANALYSIS VA02002815**

Sample Description	Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
M010873		1.92	0.5	0.17	121	<10	10	<0.5	<2	0.03	<0.5	2	81	9	1.07	<10
M010874		1.74	<0.2	0.23	108	<10	20	<0.5	<2	0.03	1.0	2	52	5	3.10	10
M010875		1.60	6.1	0.34	71	<10	20	0.9	2	0.22	8.2	13	29	41	4.10	10
M010876		1.66	3.3	0.30	44	30	20	1.3	<2	0.08	34.4	10	33	85	7.75	70
M010877		1.12	1.2	0.27	45	10	10	0.8	<2	0.20	22.9	8	50	44	5.93	50
M010878		1.16	<0.2	0.52	80	<10	10	0.5	<2	0.14	2.1	5	47	11	1.86	10
M010879		2.16	77.3	0.28	768	<10	50	<0.5	5	0.03	0.9	1	39	53	2.90	<10
M010880		1.42	>100	0.14	2620	<10	10	<0.5	<2	0.01	0.6	1	57	103	2.50	<10
M010881		1.94	>100	0.23	5940	<10	10	<0.5	28	<0.01	34.8	1	22	7210	2.82	<10
M010882		1.70	>100	0.07	384	<10	<10	<0.5	31	<0.01	27.9	<1	7	815	0.36	<10
M010883	BLUE HEAVEN	1.70	>100	0.30	3100	<10	10	<0.5	28	0.01	10.2	1	32	1385	9.33	10
M010884		1.10	35.7	0.74	21	<10	20	1.7	<2	0.64	<0.5	5	34	45	1.56	<10
M010885		1.58	33.5	0.60	78	<10	30	1.7	<2	0.22	<0.5	4	42	114	1.39	<10
M010886		1.42	>100	0.08	3330	<10	10	<0.5	41	<0.01	53.0	<1	9	>10000	0.93	<10
M010887		1.18	15.1	0.14	168	60	130	<0.5	<2	1.28	12.4	3	19	16	>15.0	130
M010888		0.36	75.7	0.06	46	60	40	0.5	15	0.13	109.0	3	14	734	>15.0	130
M010889		1.06	50.4	0.09	9170	60	10	0.5	29	0.19	91.6	25	19	270	>15.0	120
M010890		0.58	94.6	0.13	>10000	30	10	<0.5	12	0.11	108.0	26	13	503	>15.0	90
M010891		0.82	<0.2	0.14	871	70	<10	<0.5	11	0.01	38.1	2	16	131	>15.0	130



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Page #: 2 - C  
 Total # of Tests: 2 (A - C)  
 Date: 29-Aug-2002  
 Account: MTT

Project: Touch Down

## CERTIFICATE OF ANALYSIS VA02002815

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Au-AA24	Ag-AA46	Pb-AA46	Zn-AA46	As-AA46	Cu-AA46
		Tl ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2	Au ppm 0.005	Ag ppm 1	Pb % 0.01	Zn % 0.01	As % 0.01	Cu % 0.01
M010873		<10	<10	3	10	144	0.009	<1	<0.01	0.02		
M010874		<10	<10	4	<10	459	0.019	1	0.01	0.05		
M010875		<10	<10	8	<10	5080	0.013	7	0.03	0.52		
M010876		<10	<10	8	<10	>10000	<0.005	8	0.04	1.18		
M010877		<10	<10	10	<10	9390	<0.005	4	0.04	0.95		
M010878		<10	<10	17	<10	838	<0.005	<1	0.01	0.09		
M010879		<10	<10	8	<10	335	0.023	83	0.22	0.03		
M010880		<10	<10	3	<10	589	0.749	140	0.88	0.06		
M010881		<10	20	2	<10	5220	<0.005	1290	23.1	0.52		
M010882		<10	<10	<1	<10	6400	0.278	1225	27.1	0.59		
M010883	BLUE HEAVEN	<10	10	6	<10	7330	1.420	1310	23.3	0.72		
M010884		<10	<10	8	<10	115	0.007	39	0.50	0.01		
M010885		<10	<10	8	<10	167	0.032	35	0.54	0.02		
M010886		<10	20	<1	<10	9450	0.435	1400	>30.0	0.89		1.00
M010887		<10	50	18	<10	6110	<0.005	44	0.14	0.74		
M010888		<10	20	19	<10	>10000	0.026	93	0.10	6.64		
M010889		<10	10	19	<10	>10000	0.286	64	1.28	4.77		
M010890		<10	<10	19	<10	>10000	0.583	109	2.03	5.30	2.10	
M010891		<10	20	17	<10	>10000	0.019	12	0.03	3.51		



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 Total # of pages: 2 (A - C)  
 Date: 29-Aug-2002  
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Project: Touch Down

**CERTIFICATE OF ANALYSIS VA02002815**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Hg ppm 1	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 2	Sc ppm 1	Sr ppm 1	Tl % 0.01
M010873		<1	0.10	10	0.02	295	2	0.01	3	60	19	0.19	4	1	3	<0.01
M010874		<1	0.13	10	0.02	2960	1	0.01	2	270	22	0.20	3	1	4	<0.01
M010875		<1	0.17	20	0.06	6350	71	0.01	28	330	317	1.28	<2	5	9	<0.01
M010876		<1	0.28	10	0.04	>10000	<1	0.01	14	250	323	0.41	<2	5	16	<0.01
M010877		<1	0.15	<10	0.05	>10000	1	0.01	13	450	360	0.82	<2	4	10	<0.01
M010878		<1	0.03	10	0.01	2050	6	0.01	10	580	70	0.37	<2	4	7	<0.01
M010879		<1	0.37	10	0.01	80	93	0.01	1	660	2230	0.66	8	1	14	<0.01
M010880		<1	0.13	<10	0.01	88	38	0.01	1	310	9280	0.61	51	<1	4	<0.01
M010881		2	0.17	<10	<0.01	50	19	0.01	<1	350	>10000	7.02	>10000	1	12	<0.01
M010882		<1	0.02	<10	<0.01	14	5	0.01	<1	60	>10000	>10.0	2200	<1	9	<0.01
M010883		<1	0.11	<10	0.01	3780	33	0.01	1	230	>10000	5.15	445	1	17	<0.01
M010884		<1	0.18	30	0.20	540	1	0.01	2	750	4610	0.14	16	1	38	<0.01
M010885		<1	0.17	20	0.13	406	3	0.01	2	620	5310	0.13	12	1	13	<0.01
M010886		1	0.03	<10	<0.01	24	5	0.01	<1	80	>10000	>10.0	>10000	<1	8	<0.01
M010887		<1	0.12	<10	0.05	>10000	6	0.02	11	410	857	<0.01	<2	3	661	<0.01
M010888		<1	0.02	<10	0.22	>10000	<1	0.01	10	<10	681	3.10	<2	7	<1	<0.01
M010889		<1	0.03	<10	0.35	>10000	<1	0.01	21	<10	>10000	2.67	22	5	<1	<0.01
M010890		<1	0.02	<10	0.22	>10000	25	0.01	19	<10	>10000	4.03	97	5	<1	<0.01
M010891		<1	0.07	<10	0.02	>10000	<1	0.01	11	20	220	0.41	<2	4	<1	<0.01

BLUE HEAVEN



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Page #: 2 - A  
 Total # of Pages: 2 (A - C)  
 Date: 26-Aug-2002  
 Account: MTT

Project: Blue

**CERTIFICATE OF ANALYSIS VA02002812**

Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
Sample Description															
M010892	0.20	0.2	0.32	<2	<10	60	1.1	18	2.46	19.2	70	32	4630	>15.0	30
M010893	0.66	1.3	0.63	<2	<10	50	3.3	5	1.22	7.4	<1	23	8220	>15.0	20
M010894	0.20	0.6	0.28	<2	<10	60	1.0	18	2.22	10.0	26	28	3480	>15.0	20
M010895	0.90	3.0	1.68	<2	<10	40	3.2	5	1.00	5.5	<1	35	6310	>15.0	20



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Page # : 2 - B

Total # of pages : 2 (A - C)

Date : 26-Aug-2002

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## CERTIFICATE OF ANALYSIS VA02002812

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti
Units		ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%
LOR		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	0.01
M010892		<1	0.01	<10	0.35	161	13	0.01	21	430	6	>10.0	12	2	<1	0.01
M010893		<1	0.12	<10	0.24	147	10	0.02	23	350	<2	>10.0	4	2	8	0.02
M010894		<1	0.01	<10	0.26	123	21	0.01	22	510	<2	>10.0	4	2	<1	0.01
M010895		<1	0.16	<10	0.33	168	4	0.08	19	290	<2	>10.0	2	3	36	0.03



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 Total # of Pages : 2 (A - C)  
 Date : 26-Aug-2002  
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**CERTIFICATE OF ANALYSIS VA02002812**

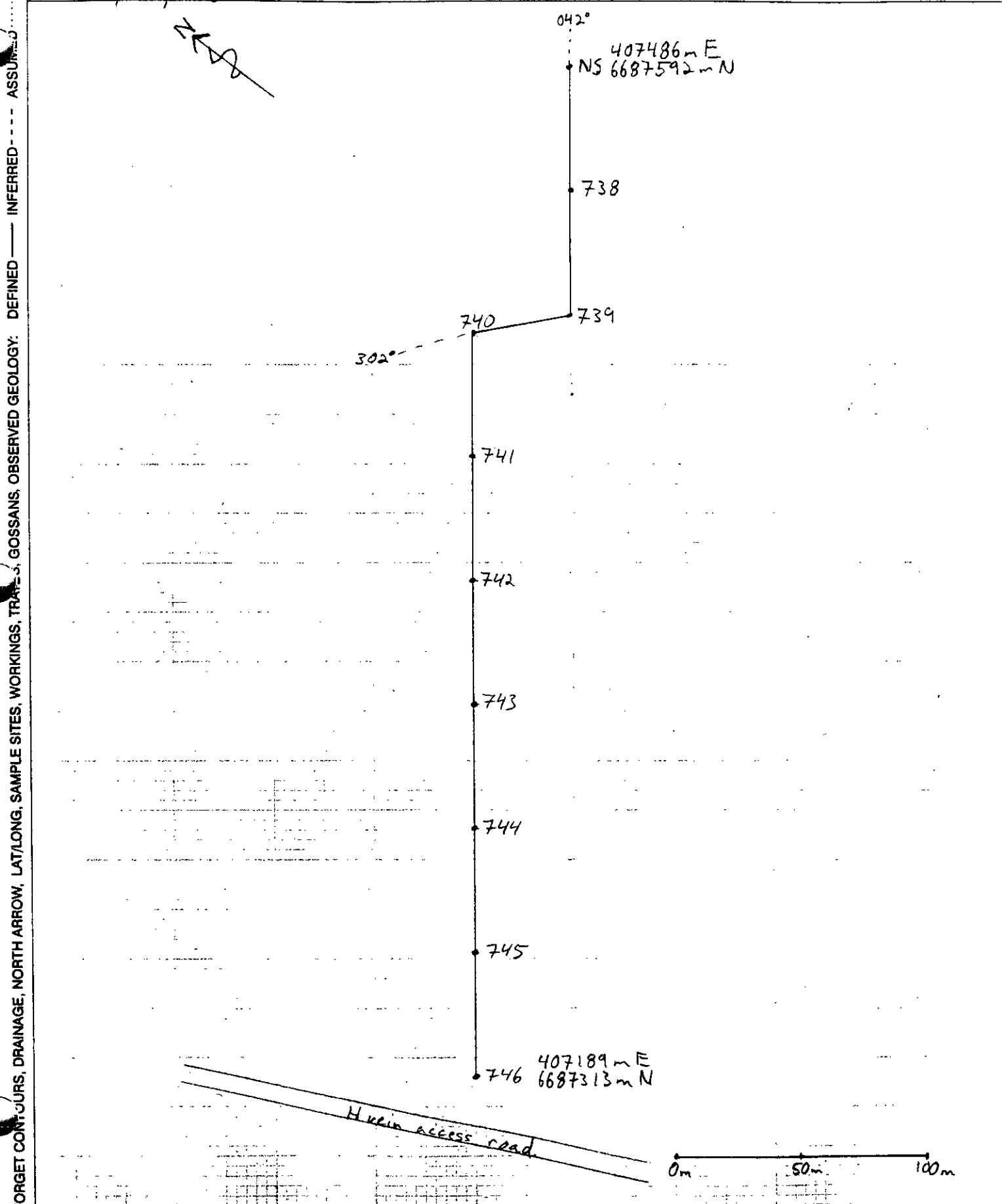
Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	W-XRF09
	Analyte	Tl	U	V	W	Zn	W
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	10	10	1	10	2	0.01
M010892		<10	40	15	540	30	0.34
M010893		<10	30	14	940	25	0.29
M010894		<10	20	14	760	19	0.58
M010895		<10	10	19	860	54	0.15

**APPENDIX IV**

**RECCE AUGER SAMPLE LOCATIONS**

ALTITUDES 100/40 N  
 SILTSTONE  
 SPECIMEN SITE A, B, ... DO NOT WRITE ON OTHER SIDE OR USE COLOURS  
 GYPSUM  
 ORIENT  
 WATER  
 ROCK  
 SOIL  
 SILT  
 DOLOMITE  
 INTRUSIVE  
 MINERALS

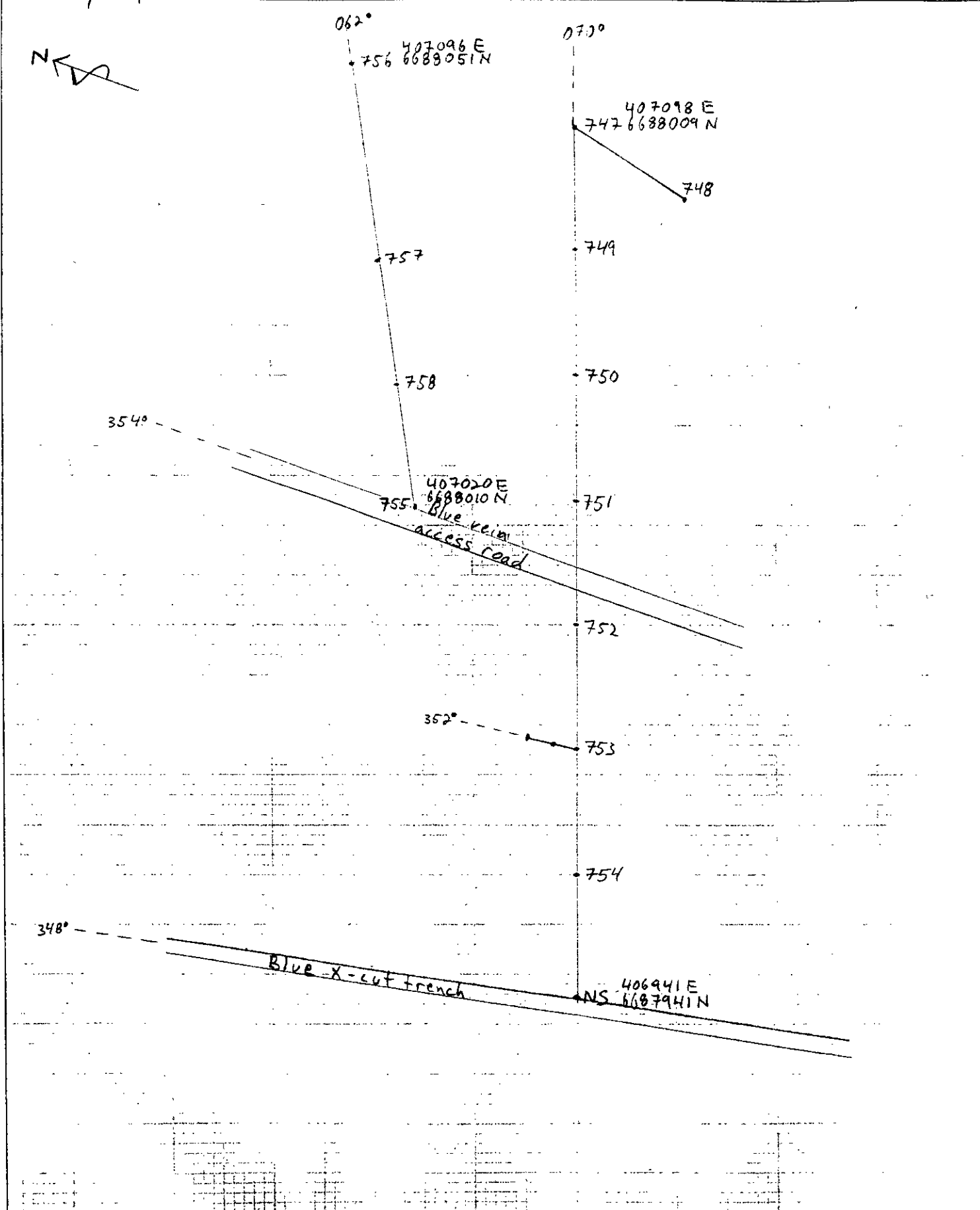
Project <i>Blue</i>	NTS	Scale <i>1:2000</i>	Page <i>of</i>	Traverse
Sampler <i>Patrick Sack</i>	Location, Target (words) <i>Rec-01</i>		Sample Nos <i>M-010738 → M-010746</i>	
Date <i>July 21, 2002</i>	photo no.	Cert. Nos		



DONT FORGET CONT'OURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAYS, GOSSANS, OBSERVED GEOLOGY: DEFINED — INFERRED — ASSUMED

ALIQUIDS  
 100/40 N  
 SILTSTONE  
 SPECIMEN SITE A, B, ... DO NOT WRITE ON OTHER SIDE OR USE COLOURS  
 DOLOMITE  
 INTRUSIVE  
 MINERALS  
 SOIL  
 ROCK  
 WATER  
 PAV  
 DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAYS, GOSSANS, OBSERVED GEOLOGY: DEFINED --- INFERRED --- ASSUMED

Project <i>Blue</i>	NTS	Scale <i>1:1000</i>	Page <i>of</i>	Traverse
Sampler <i>Patrick Sack</i>	Location, Target (words) <i>Rec-02</i>		Sample Nos <i>M-010747 to M-01075</i>	
Date <i>July 22, 2002</i>	photo no.		Cert. Nos	

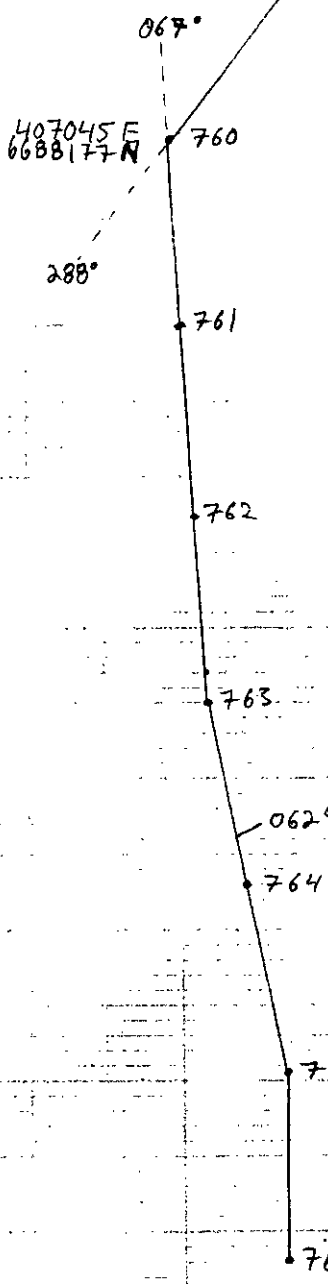


MINERALS  
 DOLOMITE  
 INTRUSIVE  
 SILTSTONE  
 SPECIMEN SITE A, B, ... DO NOT WRITE ON OTHER SIDE OR USE COLOURS  
 CONTAMINATION  
 GLOSS  
 WATER  
 ROCK  
 SOIL  
 SAND  
 SILT  
 CLAY  
 GRAVEL  
 COBBLES  
 Boulders  
 100/40 N

Project <u>Blue</u>	NTS	Scale <u>1:1000</u>	Page <u>    </u> of <u>    </u>	Traverse
Sampler <u>Patrick Sacl</u>	Location, Target (words) <u>Rec-03</u>		Sample Nos <u>M-010759 to M-010766</u>	
Date <u>July 22, 2002</u>	photo no.		Cert. Nos	



759 407089 E  
6688162 N



407045 E  
6688177 N

406898 E  
6688116 N

DONT FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAYS, GOSSANS, OBSERVED GEOLOGY: DEFINED — INFERRED — ASSUMED

ALTITUDES 100/40 N  
 SILTSTONE  
 SPECIMEN SITE A, B... DO NOT WRITE ON OTHER SIDE OR USE COLOURS  
 DOLOMITE  
 MINERALS  
 INTRODUCED  
 DO NOT FORGET CONTIGUOUS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAVEL, GOSSANS, OBSERVED GEOLOGY: DEFINED — INFERRED — ASSUMED  
 WATER O  
 PAN Δ  
 ROCK ■  
 SOIL ●  
 SILT X

Project <i>Blue</i>	NTS	Scale 1:1000	Page of	Traverse
Sampler <i>Patrick Saet</i>	Location, Target (words) <i>Rec-04</i>		Sample Nos <i>M-010767 to M-010772</i>	
Date <i>July 22, 2002</i>	photo no.		Cert. Nos	



055°

406974 E  
7676688432 N

768

769

NS

770

771

271°

772

406829 E  
7736688322 N

241°

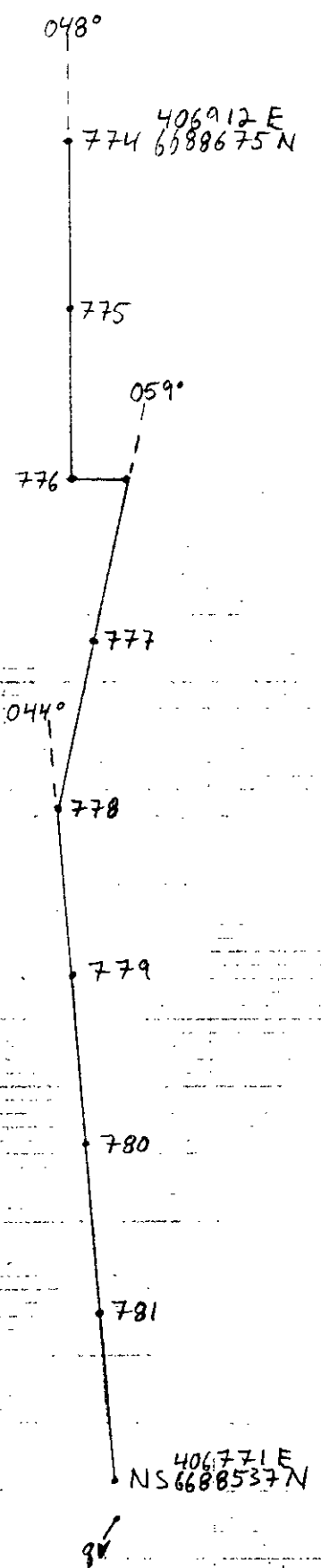
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Project Blue	NTS	Scale 1:1000	Page of	Traverse
Sampler Patrick Sack	Location, Target (words) Rec-05		Sample Nos M-010774 to M-010781	
Date July 22, 2002	photo no.		Cert. Nos	

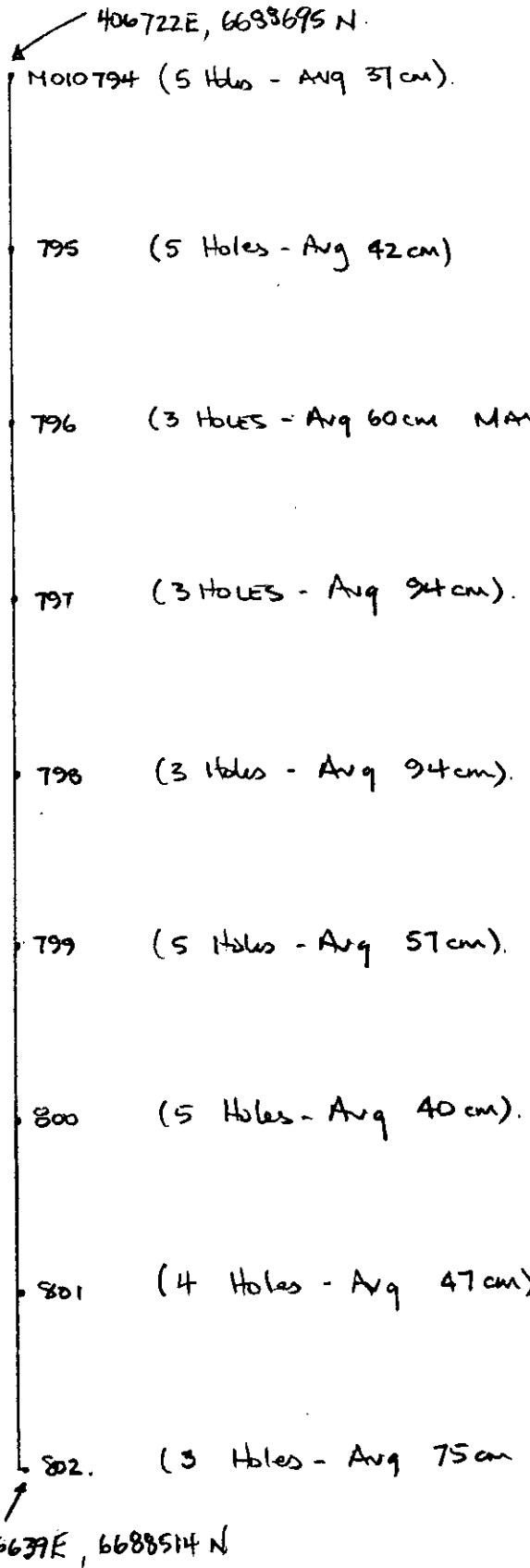
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 SILTSTONE  
 SPECIMEN SITE A, B... DO NOT WRITE ON OTHER SIDE OR USE COLOURS  
 DOLOMITE  
 INTRUSIVE  
 MINERALS  
 DONT FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRACES, GOSSANS, OBSERVED GEOLOGY: DEFINED --- INFERRED ---- ASSUMED

N  
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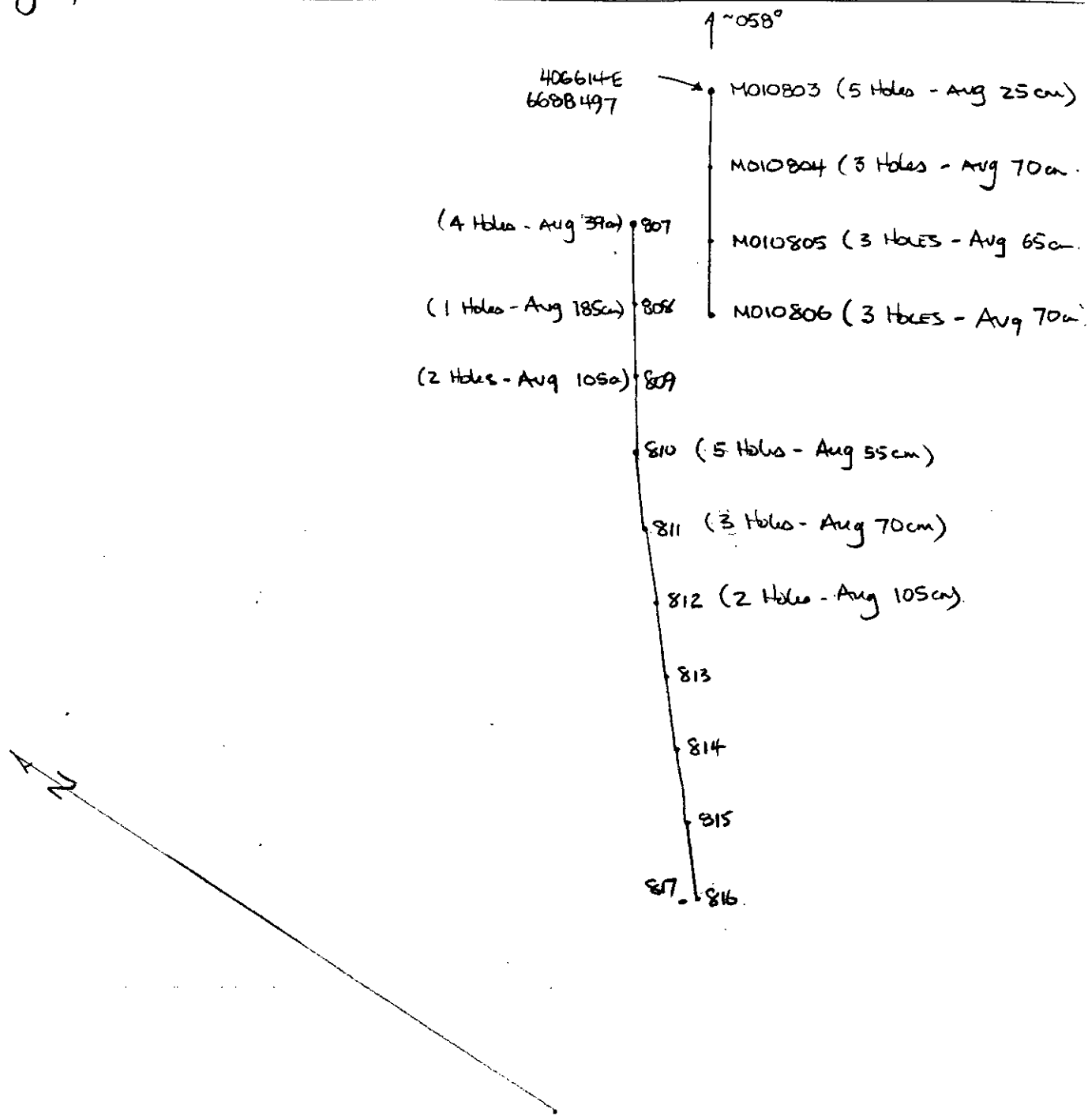
ALLIUMS (✓) 100/40 N  
 SILTSTONE  
 SPECIMEN SITE A, B, ... DO NOT WRITE ON OTHER SIDE OR USE COLOURS  
 CHEM  
 WATER  
 SOIL  
 ROCK  
 DOLOMITE  
 INTRUSIVE  
 MINERALS  
 DONT FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, S. GOSSANS, OBSERVED GEOLOGY: DEFINED — INFERRED — ASSOCIATED

Project <b>BLUE</b>	NTS	Scale <b>1:1000</b>	Page of	Traverse
Sampler <b>WEN6/Sent</b>	Location, Target (words)		Sample Nos <b>M010794 - 802</b>	
Date <b>July 25/02</b>	photo no.	<b>REC Auger 06</b>	Cert. Nos	



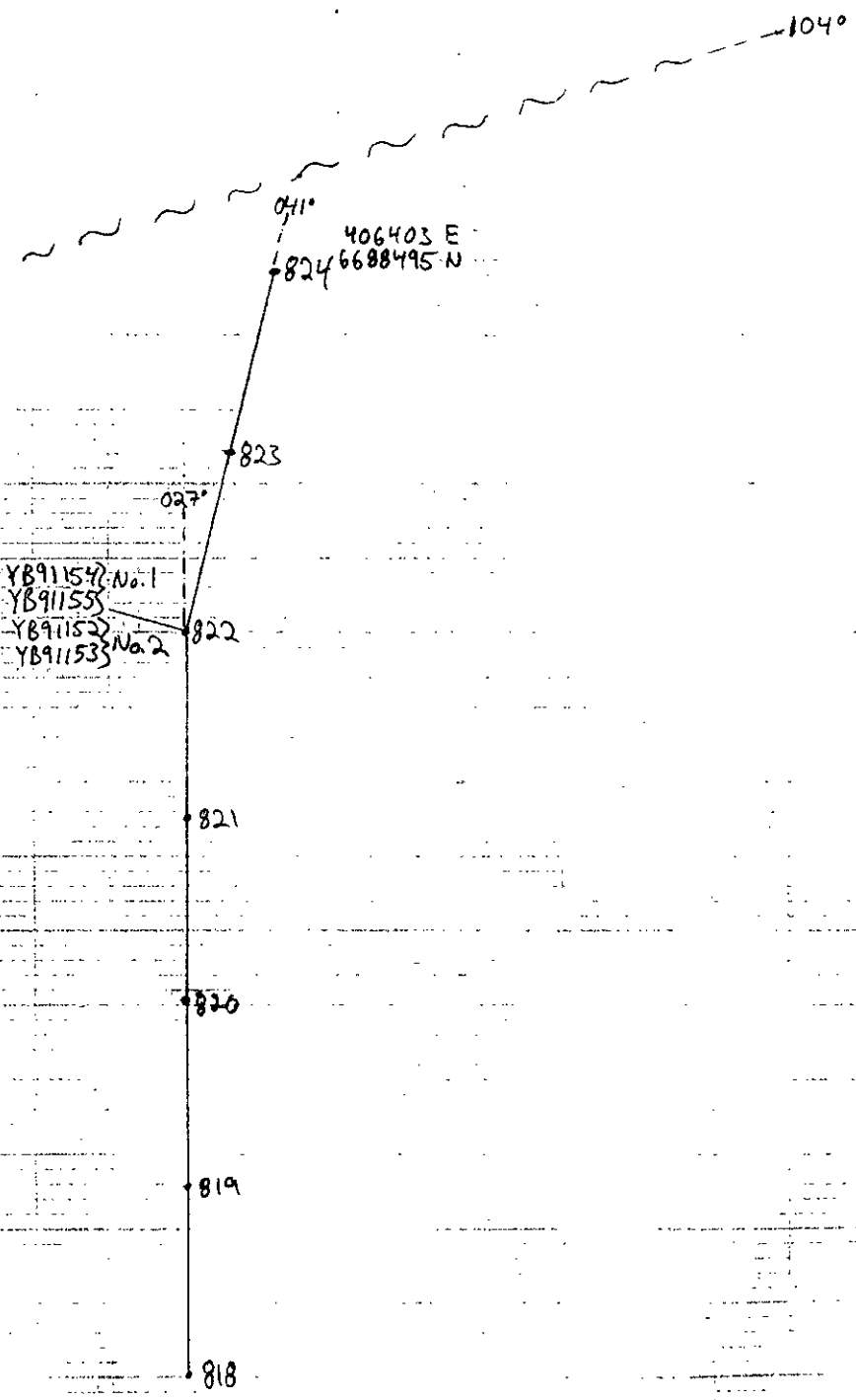
ALTITUDES (X) 100/40 N  
 SILTSTONE  
 SPECIMEN SITE A, B, ...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS  
 DO NOT FORGET CORRIDORS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAYS, GOSSANS, OBSERVED GEOLOGY: DEFINED --- INFERRED --- ASSUMED  
 MINERALS  
 DOLOMITE  
 SILT X  
 SOIL  
 ROCK  
 PAN Δ  
 WATER O

Project BLUE	NTS	Scale 1:2000	Page 1 of 1	Traverse
Sampler WONG/SREAN	Location, Target (words)		Sample Nos	
Date July 25/02	photo no. REC 07	Cert. Nos		



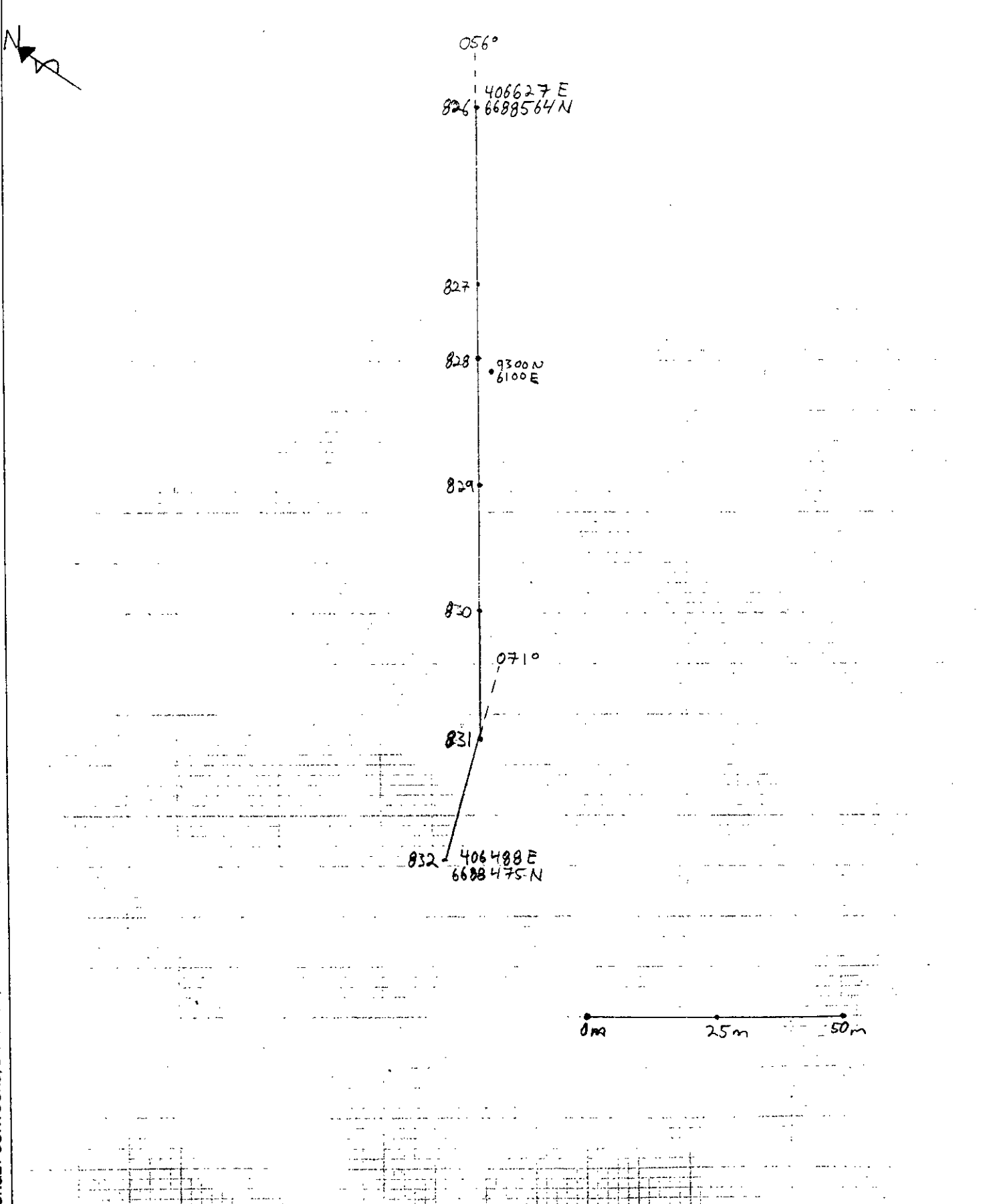
Project <i>Blue</i>	NTS	Scale <i>1:1000</i>	Page of	Traverse
Sampler <i>Patrick Sacl</i>	Location, Target (words) <i>Rec-08</i>		Sample Nos <i>M-010818 to M-010824</i>	
Date <i>July 26, 2002</i>	photo no.		Cert. Nos	

ATTITUDES (✓ 100/40 N)  
 SILTSTONE  
 CONGLOMERATE  
 VOLCANIC  
 SPECIMEN SITE A, B, ... DO NOT WRITE ON OTHER SIDE OR USE COLOURS  
 CHERI  
 SHALE  
 ROCK  
 SOIL  
 DOLOMITE  
 INTRUSIVE  
 GUSMAN MINERALS  
 DONT FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED --- INFERRED - - - - ASSUMED



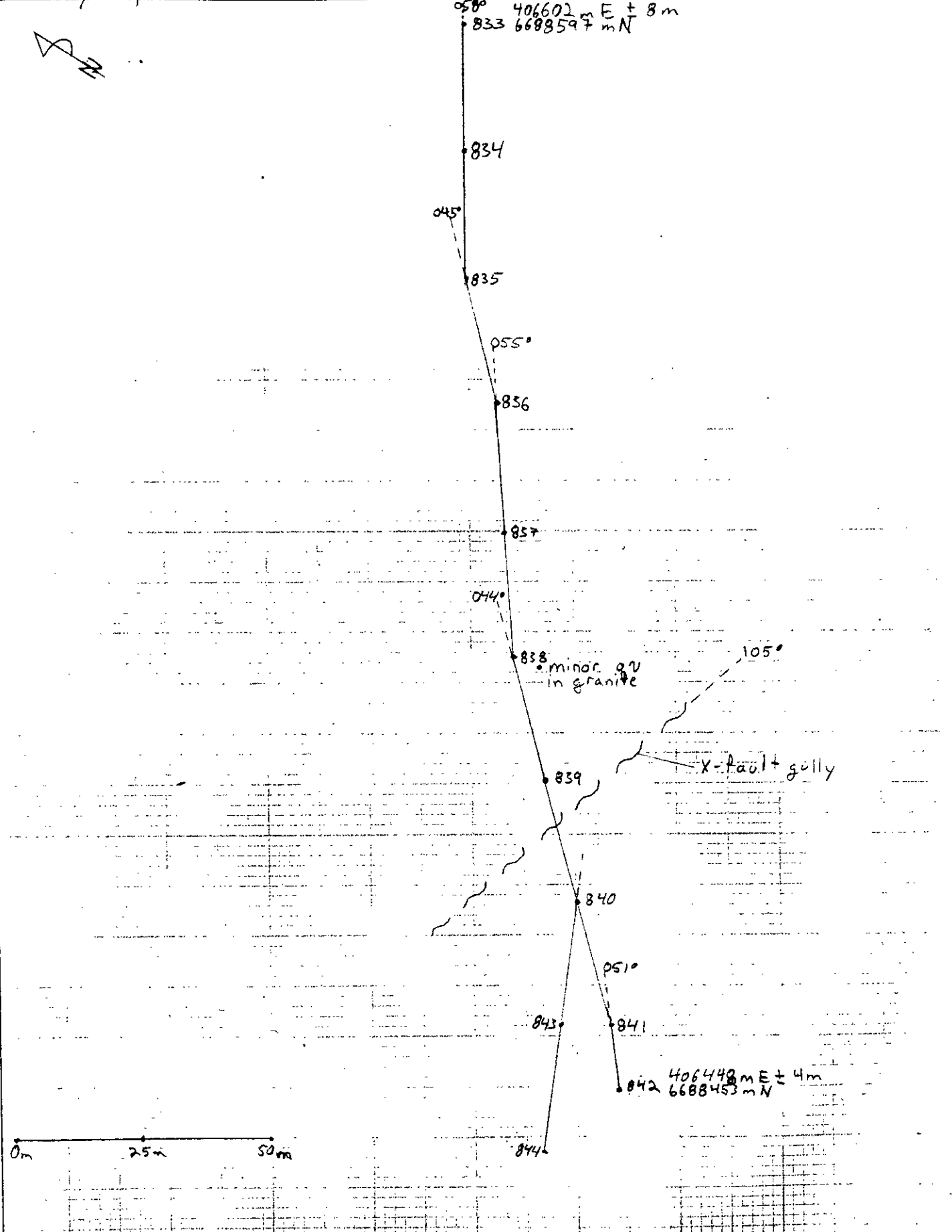
ALTITUDES 100/40 N  
 SILTSTONE  
 SPECIMEN SITE A, B, ... DO NOT WRITE ON OTHER SIDE OR USE COLOURS  
 DOLOMITE  
 INTRUSIVE  
 MINERALS  
 DO NOT FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED --- INFERRED --- ASSUMED

Project <i>Blue</i>	NTS	Scale <i>1:1000</i>	Page of	Traverse
Sampler <i>Patrick Sack</i>	Location, Target (words) <i>Rec-09</i>		Sample Nos <i>M-010826 to M-010931</i>	
Date <i>July 26, 2002</i>	photo no.		Cert. Nos	



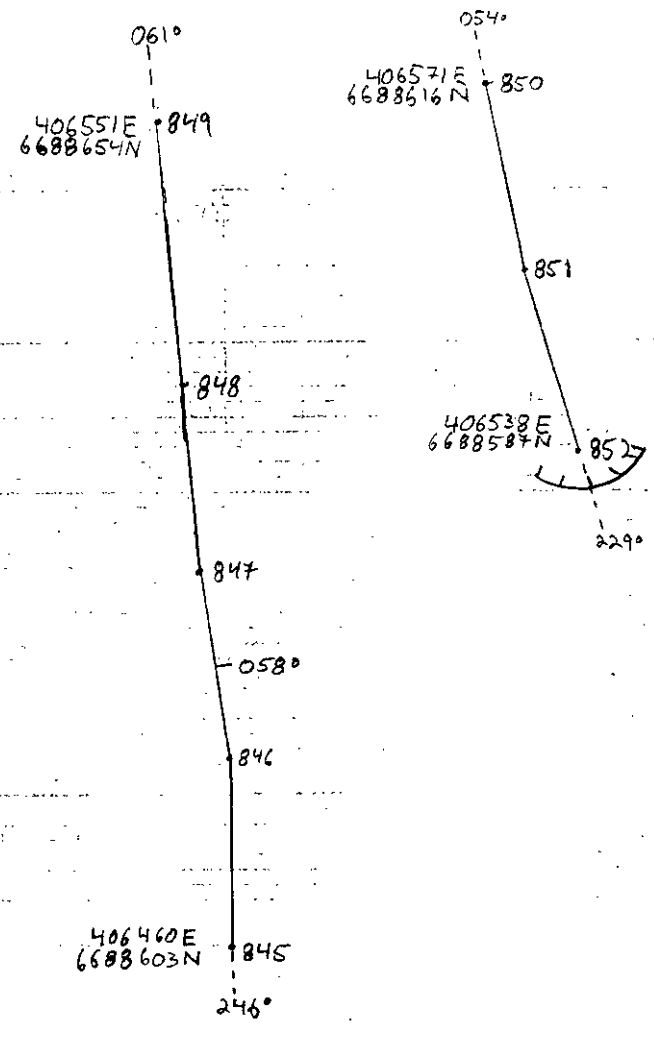
Project <u>Blue</u>	NTS	Scale <u>1:1000</u>	Page <u>    </u> of <u>    </u>	Traverse
Sampler <u>Patrick Sack</u>	Location, Target (words) <u>Rec-10</u>		Sample Nos <u>m-010833 to m-010844</u>	
Date <u>July 28, 2002</u>	photo no.		Cert. Nos	

ALTITUDES (X) 100/40 N  
 SPECIMEN SITE A, B, ...: DO NOT WRITE ON OTHER SIDE OR USE COLOURS  
 SILT/SILTSTONE  
 DOLOMITE  
 INTRUSIVE  
 GUSSAN MINERALS  
 DONT FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED --- INFERRED ---- ASSUMED



Project <b>Blue</b>	NTS	Scale <b>1:1000</b>	Page	of	Traverse
Sampler <b>Patrick Sack</b>	Location, Target (words) <b>Rec-11</b>		Sample Nos <b>M-010845 to M-010852</b>		
Date <b>July 29, 2002</b>	photo no.		Cert. Nos		

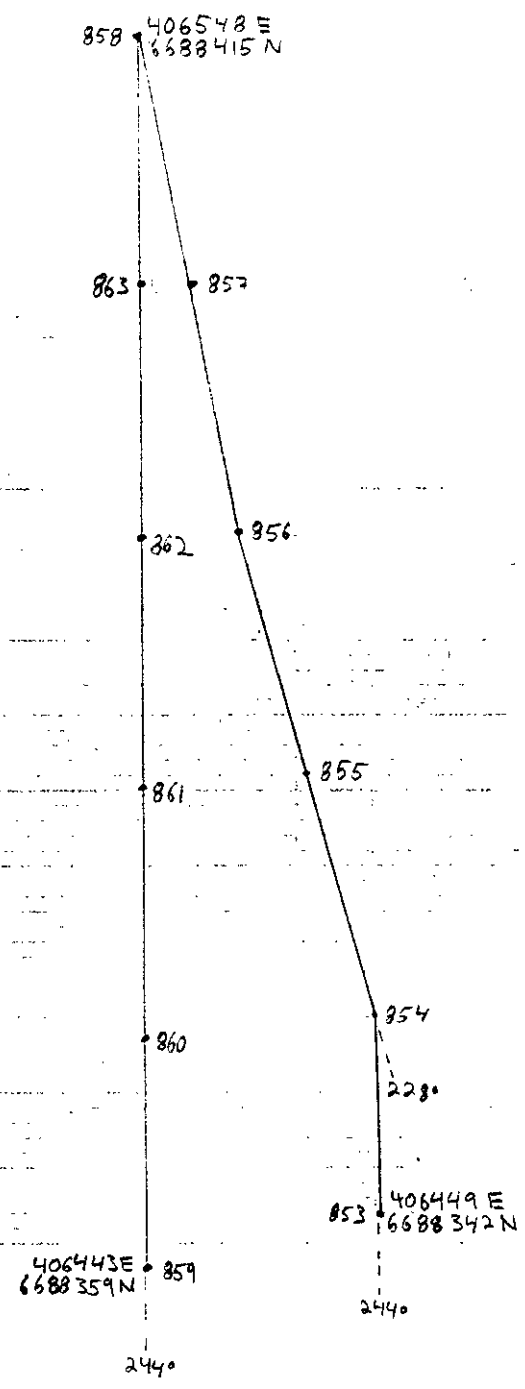
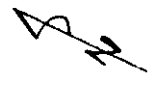
DO NOT WRITE ON OTHER SIDE OR USE COLOURS  
 SPECIMEN SITE A, B, ...  
 DONT FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED --- INFERRED --- ASSUMED  
 SILTSTONE  
 SILT X SOIL  
 ROCK  
 PAN  
 WATER  
 DOLOMITE  
 INTRUSIVE  
 GLOSSAN MINERALS



ALTITUDES  100/40 N  
 SILTSTONE   
 SPECIMEN SITE A, B, ... DO NOT WRITE ON OTHER SIDE OR USE COLOURS  
 CLIENT A.B.C.  
 INTRUSIVE  X  
 DOLOMITE   
 MINERALS

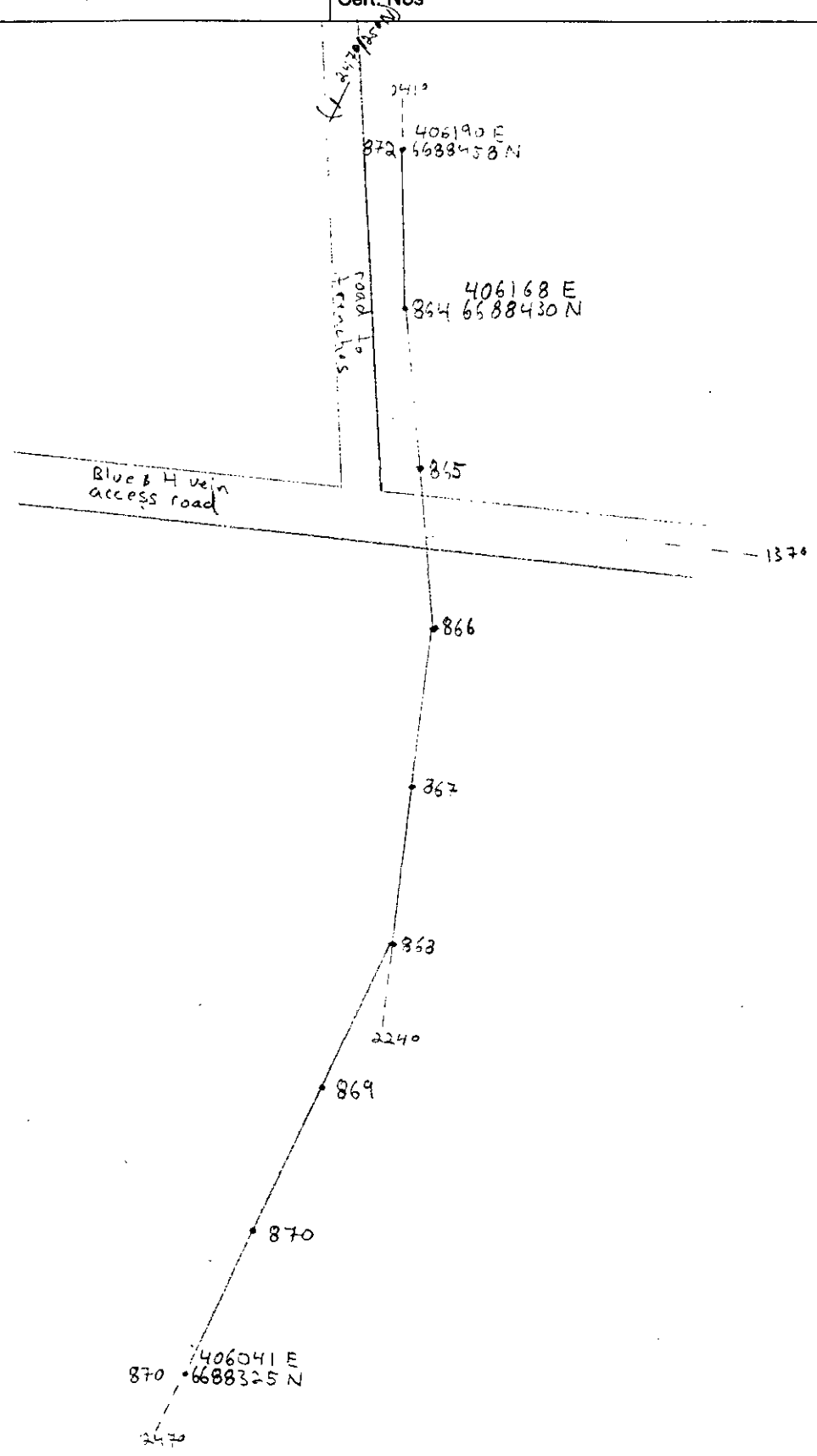
DONT FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAYS, GOSSANS, OBSERVED GEOLOGY: DEFINED — INFERRED — ASSUMED

Project Blue	NTS	Scale 1:750	Page of	Traverse
Sampler Patrick Sack	Location, Target (words) Rec-12		Sample Nos M-010853 to M-010863	
Date July 30, 2002	photo no.	Cert. Nos		



ATITUDES (✓) 100/40 N  
 UNCONSOLIDATED  
 VOLCANIC  
 CHEM  
 SILT  
 DOLOMITE  
 INTRUSIVE  
 MINERALS  
 DONT FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED --- INFERRED --- ASSUMED

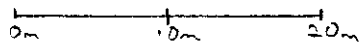
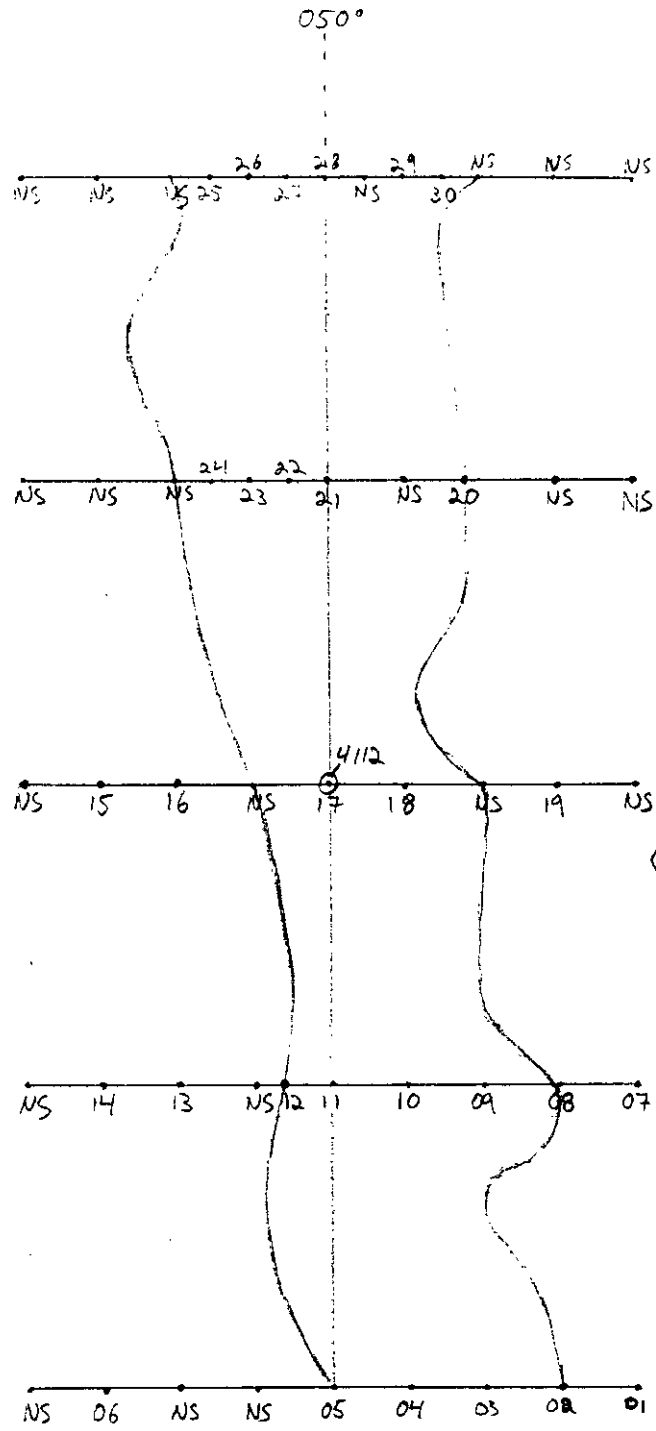
Project Blue	NTS	Scale 1:1000	Page of	Traverse
Sampler Patrick Sack	Location, Target (words)		Sample Nos M-010864 to M-010872	
Date July 30, 2002	photo no.	Rec-13	Cert. Nos	



ALTITUDES (100/40 N)  
 SILTSTONE  
 SPECIMEN SITE A, B, ... : DO NOT WRITE ON OTHER SIDE OR USE COLOURS  
 CLIENT A.A.A.  
 WATER  
 DOLOMITE  
 INTRUSIVE  
 MINERALS

DO NOT FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED — INFERRED — ASSUMED

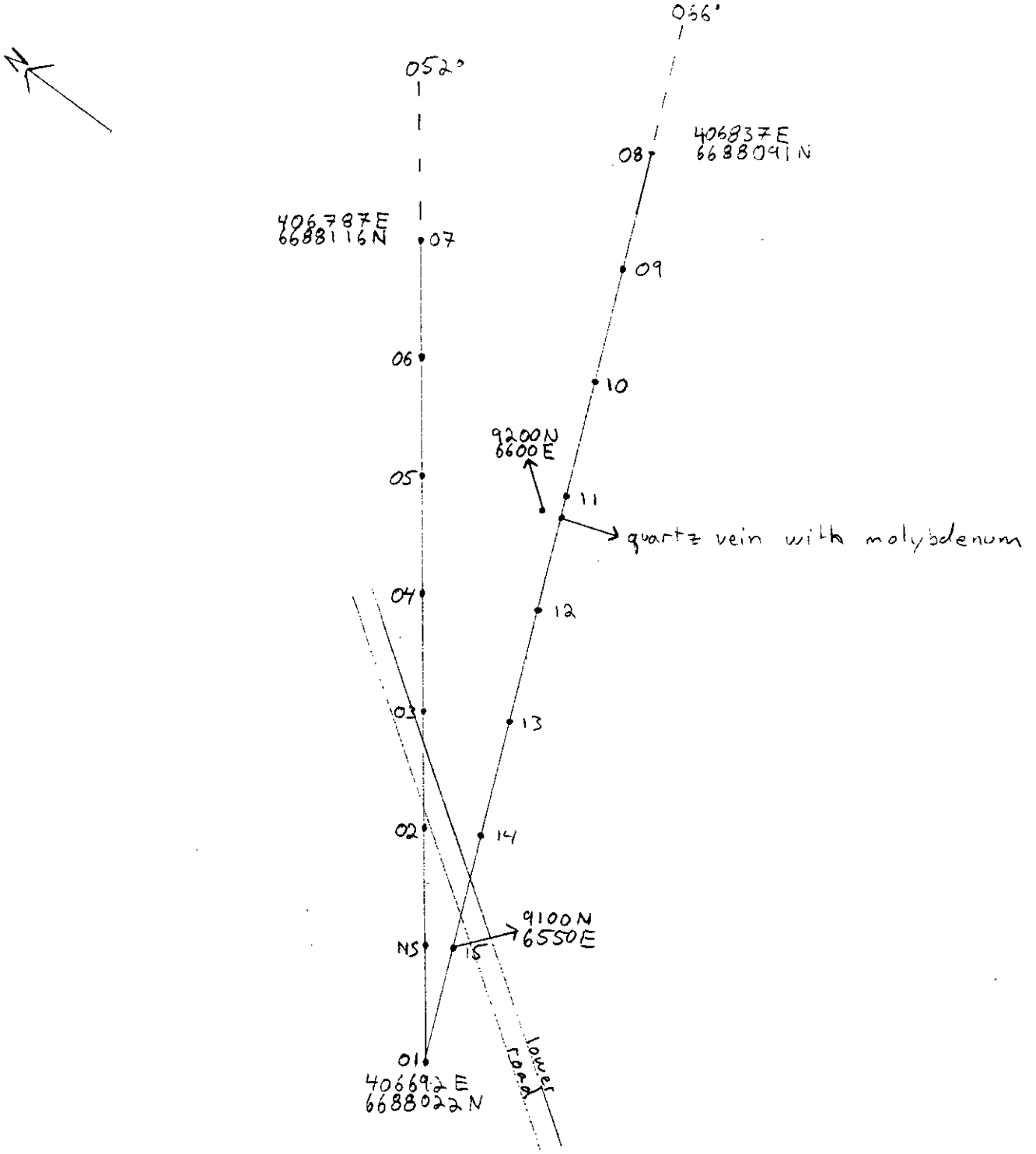
Project <i>Blue</i>	NTS	Scale <i>1:500</i>	Page of	Traverse
Sampler <i>Patrick Sack</i>	Location, Target (words) <i>A-662 lead anomaly</i>		Sample Nos <i>A-662-01 → 30</i>	
Date <i>July 17, 2022</i>	photo no.		Cert. Nos	



ALTITUDES  100/40 N  
 SILTSTONE   
 SPECIMEN SITE A, B, ...: DO NOT WRITE ON OTHER SIDE OR USE COLOURS  
 DOLOMITE   
 SILT X SOIL  ROCK  PAN  WATER   
 INTRUSIVE  X  X   
 MINERALS

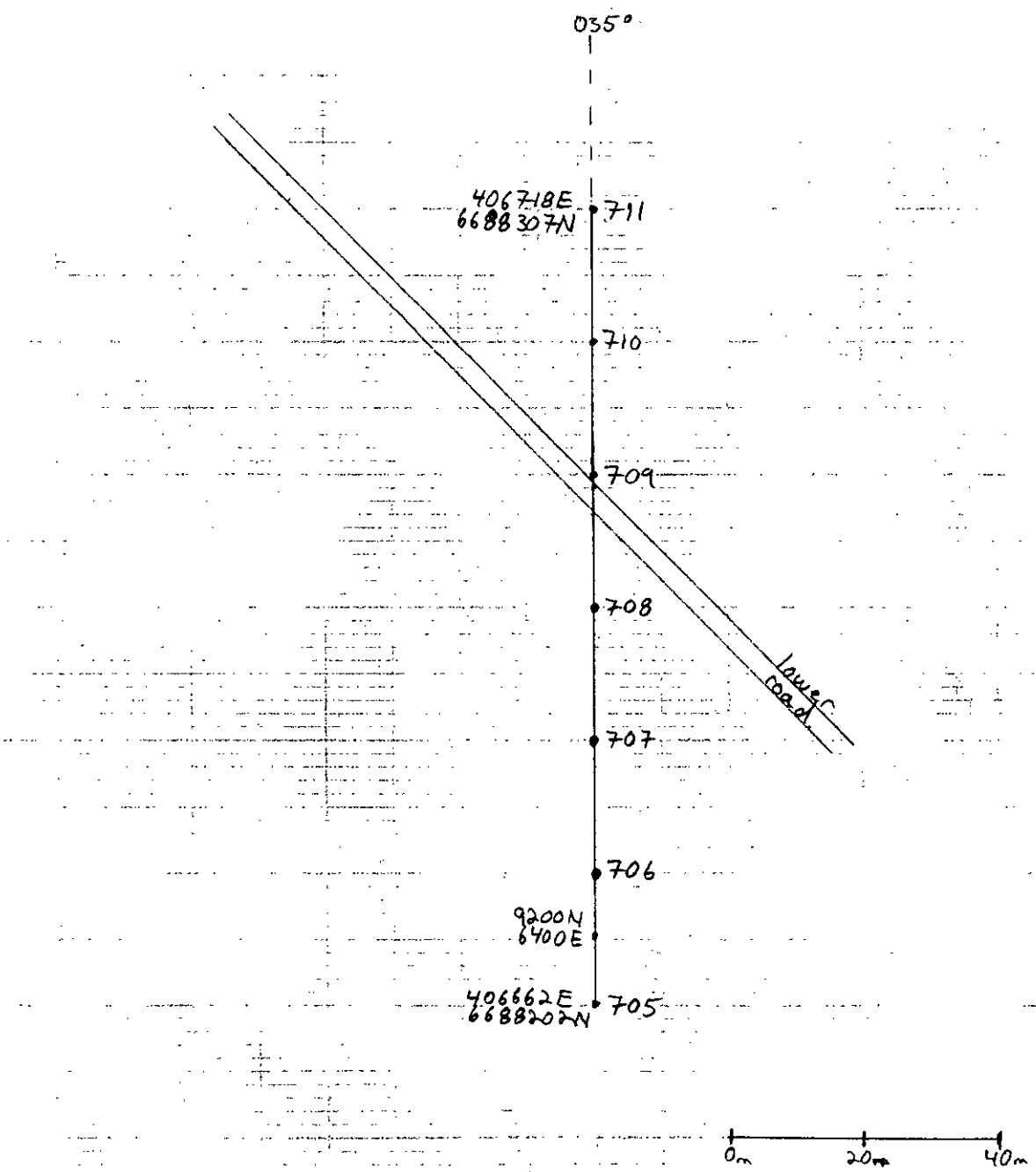
DONT FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRACES, GOSSANS, OBSERVED GEOLOGY: DEFINED --- INFERRED - - - ASSUMED

Project Blue	NTS	Scale 1:1,000	Page of	Traverse
Sampler Patrick Sact	Location, Target (words) Blue lead in 2 gullies		Sample Nos B-132-01 to B-132-15	
Date July 19, 2002	photo no.	Cert. Nos		



ALTITUDES 100/40 N  
 SILTSTONE  
 SPECIMEN SITE A, B, ... : DO NOT WRITE ON OTHER SIDE OR USE COLOURS  
 GHEHT  
 INTRUSIVE  
 DOLOMITE  
 SILT X  
 SOIL  
 ROCK  
 WATER O  
 PAV  
 MINERALS

Project: Blue	NTS	Scale 1:1,000	Page of	Traverse
Sampler Patrick Sack	Location, Target (words) L-000 lead in saddle.		Sample Nos M-010705 → M-010711	
Date July 19, 2002	photo no.		Cert. Nos	



DONT FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED --- INFERRED --- ASSUMED

**APPENDIX V**  
**RECCE AUGER SAMPLE DESCRIPTIONS**

ALTITUDES 100/40 N  
 SILTSTONE  
 SPECIMEN SITE A. B. ... DO NOT WRITE ON OTHER SIDE OR USE COLOURS  
 WATER  
 ROCK  
 SOIL  
 DOLOMITE  
 INTENSIVE  
 MINERALS

DONT FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED --- INFERRED --- ASSUMED

Project	Blue	NTS	Scale	Page	of	Traverse
Sampler	Patrick Sack	Location, Target (words)	A-662	Sample Nos	A-662-01 to A-662-30	
Date	July 23, 2002	photo no.		Cert. Nos		
Sample #	Coarse Fraction	Fine Fraction	Depth			
A-662-01	3 A manganese clasts } 73m, rest glacial granite 1 A qtz clast	magnetite w/ silver flecks of interest	70 cm			
A-662-02	30% schist rest glacial granite	magnetite w/ silver flecks of interest	132 cm			
A-662-03	50% glacial granite 35% schist (some oxidized), 15% qtz	magnetite w/ silver flecks of interest	128 cm			
A-662-04	60% glacial granite 30% oxidized clasts, 10% schist	minor magnetite w/ silver flecks of interest	120 cm +			
A-662-05	60% glacial granite, 30% schist (some ox) 10% qtz	qtz grains	140 cm			
A-662-06	50% granite 25% altered oxidized schist 25% schist	magnetite present	120 cm +			
A-662-07	60% granite 30% schist 10% unknown (carbonate?)	trace magnetite	85 cm			
A-662-08	40% glacial granite, 15% qtz 30% schist, 5% unknown	trace magnetite	3 holes 43 cm			
A-662-09	85% granite, 2.5% qtz vein 10% schist, 2.5% cs	magnetite present, 1 fleck sulfide (py)	3 holes 52 cm			
A-662-10	45% granite, 5% qtz 45% schist, 5% unknown	minor magnetite	77 cm			
A-662-11	60% schist 25% qtz vein, 15% granite	minor magnetite	2 holes 68 cm			
A-662-12	50% granite 35% schist, 15% qtz vein	mod magnetite	85 cm			
A-662-13	85% granite 15% schist	minor magnetite	90 cm			
A-662-14	70% granite (some oxidized) 20% schist, 10% qtz	magnetite present	90 cm			
A-662-15	60% schist 30% granite, 10% qtz	abundant magnetite	90 cm			
A-662-16	47% granite 47% schist, 6% qtz	minor magnetite	80 cm			
A-662-17	50% granite, 10% manganese coated clasts 35% schist, 5% qtz	moderate magnetite	75 cm			
A-662-18	65% granite 20% schist, 15% qtz	minor magnetite	2 holes 62 cm			
A-662-19	90% granite 5% schist, 5% qtz	granite sand	71 cm			
A-662-20	95% granite 5% schist	moderate magnetite	50 cm			
A-662-21	95% granite (some clasts w/ oxidation) 5% qtz	same as coarse fraction	50 cm			
A-662-22	80% granite 20% schist	moderate magnetite	52 cm			
A-662-23	75% granite 25% schist	trace amount of manganese coated qtz	90 cm			
A-662-24	65% granite 35% schist	same as coarse fraction	80 cm			
A-662-25	75% granite (some oxidized clasts) 25% schist	moderate magnetite	100 cm			
A-662-26	60% granite 40% schist	minor magnetite	100 cm			
A-662-27	85% granite (1/2 has orange coating) 10% schist, 5% qtz	abundant magnetite	120 cm			
A-662-28	90% clay altered granite (1/2 has Fe staining) 10% unaltered granite	moderate magnetite	140 cm			
A-662-29	60% clay altered granite 30% unaltered granite, 10% schist	minor magnetite	80 cm			
A-662-30	100% clay altered granite	trace amounts of magnetite	74 cm			

ALTIITUDES 100/40 N  
 SILTSTONE  
 SPECIMEN SITE A, B... DO NOT WRITE ON OTHER SIDE OR USE COLOURS  
 WATER  
 SOIL  
 ROCK  
 DOLOMITE  
 INTENSIVE  
 MINERALS

Project	NTS	Scale	Page	of	Traverse
Blue					
Sampler Patrick Sack	Location, Target (words)		Sample Nos		
Date July 23, 2002	photo no.		Cert. Nos		
Sample #	Coarse Fraction	Fine Fraction	Depth		
B-132-01	90% granite 10% schist	trace magnetite	63cm		
B-132-02	70% felsic dyke 20% schist, 10% granite	trace magnetite	2 holes 55		
B-132-03	90% clay altered granite 10% felsic dyke	orange clay altered granite coarse sand	62 cm		
B-132-04	60% clay altered granite 25% manganese coated granite, dyke	orange clay altered granite coarse sand	57cm		
B-132-06	85% orange clay altered granite w/ minor manganese staining, 15% schist w/ minor mang.	same as coarse fraction	55cm		
B-132-07	60% oxidized altered granite 25% schist, 15% manganese stained vein	same as coarse fraction	4 holes 60c		
B-132-08	98% clay altered granite 2% manganese coated clasts	trace magnetite	4 holes 80c		
B-132-10	100% red orange oxide clay altered granite 5% has manganese coating	same as coarse fraction	3 holes 50		
B-132-11	100% d. brown coated granite	same as coarse fraction	2 holes 55c		
B-132-12	100% granite w/ trace manganese coated clasts	same as coarse fraction	62 cm		
B-132-13	100% granite w/ 35% of clasts having manganese staining	minor magnetite	55cm		
B-132-14	50% granite, 20% manganese coated clasts 20% schist, 10% qtz	minor magnetite	70cm		
B-132-15	85% granite 15% schist	minor magnetite	80cm		
M-010705	90% schist 10% granite	biotite present	70cm		
M-010706	55% granite 45% schist	moderate magnetite	64cm		
M-010707	85% granite 15% schist	abundant magnetite	11.5cm		
M-010708	80% granite 20% schist	moderate magnetite	85cm		
M-010709	35% granite 35% schist, 30% felsic dyke	moderate magnetite	3 holes 69c		
M-010710	75% schist (40% of clasts manganese coated) 15% granite, 10% felsic dyke	moderate magnetite	2 holes 78c		
M-010711	80% schist 20% granite	minor magnetite	5 holes 37		
M-010738	90% granite 10% qtz, 1 piece graphite?	moderate magnetite	25cm		
M-010739	100% granite	same as coarse fraction	50cm		
M-010740	50% clay altered granite, 10% micaceous qtz 35% unaltered granite, 5% schist	same as coarse fraction	35cm		
M-010741	70% granite, 12.5% schist 12.5% qtz, 5% manganese coated clasts	moderate magnetite	50cm		
M-010742	75% granite (weak orange coating on 1/2) 12.5% schist, 12.5% qtz	moderate magnetite	60cm		
M-010743	75% granite 15% schist, 10% qtz	same as coarse fraction	90cm		
M-010744	85% granite 10% qtz, 5% schist	minor magnetite	123cm		
M-010745	85% granite 10% qtz, 5% schist	minor magnetite	55cm		
M-010746	85% granite 13% qtz, 12% schist	moderate to abundant magnetite	95cm		
M-010747	95% granite 7% clay altered granite, trace qtz	minor magnetite	3 holes 60c		

ALTITUDES (100/40 N)   
 SILTSTONE   
 SPECIMEN SITE A, B, ... DO NOT WRITE ON OTHER SIDE OR USE COLOURS   
 GOSSENS, OBSERVED GEOLOGY: DEFINED   
 TRAYS, WORKINGS, SAMPLE SITES, WATER   
 SOIL X SOIL ROCK PAN Δ   
 DOLOMITE   
 INTRUSIVE   
 MINERALS

Project	Blze	NTS	Scale	Page	of	Traverse
Sampler	Patrick Sack			Location, Target (words)		Sample Nos
Date	July 26, 2022			photo no.		Cert. Nos
Sample #	Coarse Fraction		Fine Fraction		Depth	
M-010748	70% granite 25% manganese coated clasts; 5% shist		Minor magnetite		3holes 55cm	
M-010749	100% granite trace manganese coated clasts		Minor magnetite		3holes 53cm	
M-010750	80% granite; 15% altered granite; 5% shist		Minor magnetite		2holes 23cm	
M-010751	45% unaltered granite, 45% altered granite; 10% manganese coated clasts		Same as coarse fraction		2holes 65cm	
M-010752	100% granite (10% has manganese coating)		Moderate magnetite		3holes 57cm	
M-010753	45% unaltered granite, 45% altered granite; 5% quartz, 5% manganese coated clasts		Minor magnetite		3holes 53cm	
M-010754	60% altered granite, 35% unaltered granite, 5% skarn		Minor magnetite		3holes 62cm	
M-010755	50% manganese coated clasts, 35% altered granite, 10% unaltered granite, 5% unknown		Moderate magnetite		3holes 41cm	
M-010756	65% granite, 25% manganese coated clasts, 5% quartz, 5% unknown		Same as coarse fraction		4holes 51cm	
M-010757	90% granite, 10% manganese coated clasts		Minor magnetite		3holes 40cm	
M-010758	90% granite, 8% dark red coated clasts, 2% quartz		Moderate magnetite		4holes 47cm	
M-010759	54% granite, 15% unaltered granite, 10% dark red coated clasts, 8% clay altered granite, 8% quartz, 8% shist		Moderate magnetite		3holes 53cm	
M-010760	85% granite 15% micaceous quartz		Moderate magnetite		4holes 42cm	
M-010761	80% granite (of which 35% is clay altered) 10% micaceous quartz, 10% quartz		Same as coarse fraction		4holes 53cm	
M-010762	70% granite 30% mica-rich granite?		very micaceous		33cm	
M-010763	100% granite		Same as coarse fraction		2holes 51cm	
M-010764	100% granite (dark brown coating on 1/2)		Same as coarse fraction		2holes 48cm	
M-010765	60% granite 40% deep red coated clasts		Same as coarse fraction		40cm	
M-010766	90% unaltered granite 10% red coated granite		Same as coarse fraction		3holes 44cm	
M-010767	55% granite, 30% clay altered granite, 10% quartz, 5% shist		Minor magnetite		5holes 25cm	
M-010768	90% granite, 5% quartz, 5% shist		Minor magnetite		4holes 42cm	
M-010769	62% granite, 20% quartz, 15% unaltered granite, 3% shist		Minor magnetite		5holes 30cm	
M-010770	65% granite, 15% unaltered granite, 15% quartz, 5% shist		Minor magnetite			
M-010771	55% clay altered granite, 23% granite, 10% quartz altered granite, 8% quartz, 4% unaltered granite		Same as coarse fraction		4holes 46cm	
M-010772	50% clay altered granite, 40% granite, 10% quartz		Moderate magnetite		5holes 28cm	
M-010773	85% granite, 8% quartz altered granite, 5% manganese coated clasts, 2% quartz		Minor magnetite		3holes 43cm	
M-010774	40% unaltered granite, 32% granite, 20% manganese coated clasts, 8% quartz		Minor magnetite		3holes 65cm	
M-010775	60% unaltered granite, 20% quartz, 20% manganese coated clasts		Minor magnetite		3holes 71cm	
M-010776	50% unaltered granite, 20% manganese coated clasts, 10% granite, 10% quartz, 1% shist		Minor magnetite		3holes 55cm	
M-010777	85% granite, 10% manganese coated clasts, 5% quartz		Moderate magnetite		3holes 51cm	



ALIQUOTS (100/40 N)   
 ASSUMED   
 SILTSTONE   
 OBSERVATION DATE ( )   
 SPECIMEN SITE A, B, ... DO NOT WRITE ON OTHER SIDE OR USE COLOURS   
 GYPSUM   
 CHERT ( )   
 WATER   
 SAND   
 ROCK   
 PAW   
 DOLOMITE   
 INTRUSIVE ( )   
 DONT FORGET CONT'RS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED --- INFERRED --- ASSUMED

Project	NTS	Scale	Page of	Traverse
Blue				
Sampler Patrick & Jill	Location, Target (words)		Sample Nos M-010820 - M-010851	
Date July 27, 2002	photo no.	Cert. Nos		
Sample #	Coarse Fraction	Fine Fraction	Depth	
M-010820	85% granite, 5% red/orange coated granite, 5% quartz, 5% manganese coated clasts	Minor magnetite	2 holes 85c	
M-010821	100% granite, trace manganese coated clasts	Moderate magnetite	137cm	
M-010822	65% granite, 35% clay altered granite, trace manganese coated clasts	Minor magnetite	3 holes 65c	
M-010823	95% clay altered granite, 5% manganese coated clasts	Same as coarse fraction	137cm	
M-010824	90% clay altered granite, 10% manganese coated clasts	Same as coarse fraction	3 holes 73	
M-010826	90% granite, 5% manganese coated clasts, 5% quartz	Same as coarse fraction	142cm	
M-010827	55% unaltered granite, 45% clay altered granite, trace manganese coated clasts	Minor magnetite	2 holes 80	
M-010829	70% granite (30% clay altered granite, 60% unaltered granite), 5% quartz vein (orange stain), 5% manganese coated clasts	Same as coarse fraction	2 holes 60	
M-010830	75% clay altered granite, 20% unaltered granite, 5% manganese coated clasts	Minor magnetite	3 holes 67c	
M-010831	70% clay altered granite, 25% manganese coated clasts, 5% quartz vein (orange stain)	Same as coarse fraction	3 holes 60	
M-010832	95% clay altered granite (5% manganese coated clasts), 5% unaltered granite	Same as coarse fraction	3 holes 65	
M-010833	50% altered granite, 40% unaltered granite, 10% quartz	Trace magnetite	3 holes 52	
M-010834	60% granite, 27% unaltered, 8% quartz, 4% manganese coated clast, 1% shift	Minor magnetite	3 holes 56	
M-010835	55% granite, 35% unaltered granite, 5% quartz, 5% red stained granite	Trace magnetite	3 holes 37	
M-010836	80% granite, 7% orange stained granite, 6% manganese coated clasts, 4% shift, 3% quartz	Trace magnetite	3 holes 38	
M-010837	75% granite, 20% red-orange stained granite, 5% quartz	Same as coarse fraction	4 holes 29	
M-010838	82% granite, 15% red-orange stained granite, 8% quartz, trace manganese coated clasts	Trace magnetite	3 holes 31	
M-010839	85% granite (of which 30% is dark red-brown), 15% quartz	Trace magnetite	3 holes 45	
M-010840	39% granite, 30% altered granite, 30% unaltered granite, 1% quartz	Moderate magnetite	3 holes 37	
M-010841	65% granite (10% unaltered granite, 55% clay altered granite), 3% manganese coated clasts, 1% quartz	Trace magnetite	3 holes 45	
M-010842	88% granite (60% clay altered granite, 8% unaltered granite), 12% quartz	Moderate magnetite	3 holes 60	
M-010843	85% granite, 15% manganese coated clasts, trace quartz	Same as coarse fraction	2 holes 40	
M-010844	55% unaltered granite, 15% red stained granite, 15% manganese coated clasts, 15% quartz	Moderate-abundant magnetite	2 holes 67	
M-010845	48% granite, 20% altered granite, 20% quartz, 12% manganese coated clasts	Minor-moderate magnetite	3 holes 47	
M-010846	83% granite, 10% manganese coated clasts, 7% quartz	Minor magnetite	3 holes 47	
M-010847	85% granite (of which 20% has red-brown stain), 10% quartz, 5% manganese coated clasts	Moderate magnetite	3 holes 45	
M-010848	92% granite, 5% manganese coated clasts, 3% quartz	Trace magnetite	3 holes 43	
M-010849	100% granite (15% unaltered granite)	Minor-moderate magnetite	3 holes 45	
M-010850	85% granite, 10% quartz, 5% manganese coated clasts	Moderate magnetite	2 holes 90	
M-010851	96% granite (7% red stained granite), 3% quartz, 1% manganese coated clasts	Minor magnetite	5 holes 40	

MINERALS [ ] SILTSTONE [ ] GYPSUM [ ] DOLOMITE [ ] WATER [ ]  
 SPECIMEN SITE A, B, ... DO NOT WRITE ON OTHER SIDE OR USE COLOURS [ ]  
 CONDUCTIVITY [ ]  
 ASSUMED [ ] INFERRED [ ] DEFINED [ ] OBSERVED GEOLOGY [ ] GOSSANS, WORKINGS, TRACES [ ]  
 DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRACES [ ]  
 SOIL [ ] ROCK [ ] PAN [ ]  
 MINERALS [ ] DOLOMITE [ ] SILTSTONE [ ] GYPSUM [ ] WATER [ ]

Project	NTS	Scale	Page of	Traverse
Blue				
Sampler Patrick+Jill	Location, Target (words)		Sample Nos	
Date July 30, 2002	photo no.	Cert. Nos		
Sample #	Coarse Fraction	Fine Fraction	Depth	
M-010852	85% granite, 15% quartz	Minor-moderate magnetite	4 holes 53	
M-010853	60% granite, 40% quartz, trace manganese coated clasts	Same as coarse fraction	3 holes 45	
M-010854	85% granite (10% unaltered granite), 15% manganese coated clasts, trace quartz	Trace magnetite	3 holes 35	
M-010855	93% granite (50% red-brown stained), 7% quartz	Trace magnetite	3 holes 44	
M-010856	92% granite (25% unaltered granite), 3% manganese coated clasts, 5% quartz	Minor magnetite	3 holes 48	
M-010857	100% granite (20% unaltered granite), trace quartz	Minor magnetite	3 holes 93	
M-010858	90% granite (15% unaltered granite), 5% quartz, 5% red-orange stained granite	Minor magnetite	3 holes 75	
M-010859	80% granite, 20% quartz, trace red stained granite	Trace magnetite	3 holes 48	
M-010860	86% granite, 12% red-orange stained granite, 2% quartz	Minor magnetite	3 holes 57	
M-010861	86% granite, 5% red-orange stained granite, 5% quartz, 4% manganese coated clasts	Abundant magnetite	3 holes 58	
M-010862	80% granite, 16% red stained granite, 4% quartz	Moderate magnetite	3 holes 50	
M-010863	75% granite (20% unaltered granite), 20% red-orange stained granite, 5% quartz	Minor magnetite	3 holes 75	
M-010864	85% granite, 10% shist, 5% quartz	Minor magnetite	3 holes 46	
M-010865	73% granite, 13% quartz, 12% red-brown stained granite, 2% manganese coated clasts	Minor magnetite	4 holes 62	
M-010866	80% granite, 20% quartz, trace shist	Moderate magnetite	3 holes 71	
M-010867	100% granite (50% unaltered granite), trace quartz	Minor magnetite	3 holes 38	
M-010868	65% granite, 25% quartz, 10% red-brown stained granite, trace manganese coated clasts	Minor-moderate magnetite	3 holes 50	
M-010869	80% granite (40% unaltered granite), 10% manganese coated clasts, 8% quartz, 2% shist	Minor-moderate magnetite	2 holes 47	
M-010870	78% granite, 15% manganese coated clasts, 7% quartz	Minor magnetite	3 holes 45	
M-010871	95% granite, 4% manganese coated clasts, 1% quartz	Trace magnetite	3 holes 3	
M-010872	90% granite, 7% dark red stained granite, 3% manganese coated clasts	Trace magnetite	4 holes 35	

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:

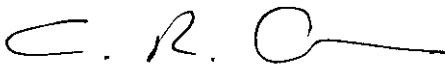
That to the best of my knowledge the attached Statement of  
Expenditures for exploration work on the Blue 1-2, H 1-2 and Heaven 1-114  
mineral claims on Claim Sheet 105B/7 is accurate.

  
Joan Mariacher

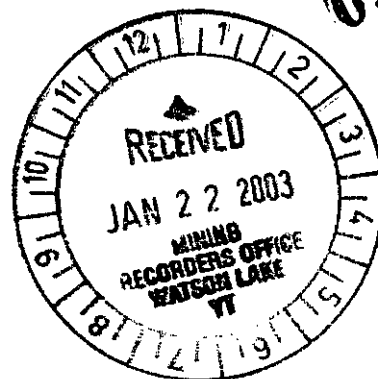
Sworn before me at Vancouver, B.C.

this 20TH day of

JANUARY, 2003



Notary Public, Yukon Territory



Statement of Expenditures  
Blue 1-2, H 1-2 and Heaven 1-114 Mineral Claims  
January 17, 2003

Labour

A. Archer – geologist – 2 hours July at \$66/hr	\$ 141.24
W.D. Eaton – geologist – 24 hours July , August and November at \$60/hr	1,540.80
B. Wengzynowski – geologist – 178 hours July to November at \$60/hr	11,427.60
P. Sack – field assistant – 20 days July & August at \$240/day	5,136.00
J. LeDrew – field assistant – 12 days July & August at \$192/day	2,465.28
S. Eaton – field assistant – 11 days July & August at \$192/day	2,259.84
J. Mariacher – 53 ½ hours July to November at \$44.45/hr	<u>2,544.54</u>
	25,515.30

Expenses

Field room and board – 66 7/8 days at \$115/day	8,228.97
ALS Chemex	317.56
Norcan Leasing – truck rental, fuel and insurance	2,420.66
Greyhound Courier	<u>32.09</u>
	10,999.28
	<u>\$36,514.58</u>

In Account With

Project

BLUE HEAVEN PROJECT

Date

JULY 31, 2002

LABOUR				
Field	A. ARCHER - 2 HR AT 66/HR		132.00	
	D. EATON - 14 HR AT 60/HR		840.00	
	B. WENGLYNOWSKI - 144 HR AT 60/HR		8640.00	
	P. SACK - 18 DAYS AT 240/DAY		4320.00	
	J. LEDREW - 8 DAYS AT 197/DAY		1536.00	
	S. EATON - 8 DAYS AT 197/DAY		1536.00	
Office	M. Cooke -	hrs at \$39.15/hr		
Accounting and Expediting	J. Mariacher -	14 1/4 hrs at \$44.45/hr	644.53	17,648.53
<b>OTHER SERVICES</b>				
	Room & Board in Whitehorse	5 days at <sup>90</sup> <del>180</del> /day	450.00	
	Field equipment from AC stock	239.20 + 500.00	739.20	
	Printing	Photocopies @ .25		
	Rentals from AC JULY 12-21	SBX 11 AT 10/DAY + 2 GR AT 15.33/DAY +		
	3 ICANS AT 10/DAY + 4 TRAX & TRAILER AT 80/DAY + AUGER DRILL AT 17/DAY		2546.60	
	LESS JULY 29 & 31 AT TOUCHDOWN		(254.66)	
Drafting		hrs at \$38.40/hr		
	LOOMIS COURIER - 1 @ 13.85		13.85	3494.99
<b>EXPENSES</b>				
Petty Cash				
	Telephone 2.63		2.63	
	RIVERDALE SUPER A		30.69	
	PORTER CREEK SUPER A		1143.45	
	S. EATON XCHANGES	34	81.31	
	NORCAN LEASING		1198.63	
	NORTHERN METALIC		21.46	
	TWIGGE SERVICES		295.14	
	SILVERDALE DRUG		19.98	
	BARRY McCALLAN DRUG		30.71	2823.98
<b>MANAGEMENT 6% on Expenses on Field A/C</b>				
			169.44	
			0	169.44
				24136.94
<b>GST (R100247667) 7% on 24136.94</b>				
				1689.59
<b>E=GST exempt</b>				
				25826.53

In-Account With  
**BLUE HEAVEN PROJECT**  
**AUGUST 31, 2002**

Project  
 Date

LABOUR			
Field	D. EATON - 9 HRS AT 60/HR	540.00	
	B. WENGLYNOWSKI - 24 HRS AT 60/HR	1440.00	
	P. SACK - 2 DAYS AT 240/DAY	480.00	
	J. LEDREW - 4 DAYS AT 192/DAY	768.00	
	S. EATON - 3 DAYS AT 192/DAY	576.00	
Office	M. Cooke - hrs at \$39.15/hr		
Accounting and Expediting	J. Mariacher - 10 hrs at \$44.45/hr	444.50	4248.50
<b>OTHER SERVICES</b>			
Room & Board in Whitehorse	8 days at <sup>90</sup> \$80/day	720.00	
Field equipment from AC stock	9 x 10/DAY	90.00	
Printing	Photocopies 49 @ .25	12.25	
Rentals from AC	AUGUST 1-Y - 50 X 11 AT 10/DAY + 2 60S AT 15.33/DAY + 3 10M AT 10/DAY + 4 TRAX + TRAILER AT 80/DAY + AUGER & BELL AT 12/DAY	254.60	
Drafting	hrs at \$38.40/hr		1076.91
<b>EXPENSES</b>			
Petty Cash			
Telephone	63.45	63.45	
GREYHOUND COURIERS		29.99	
TWIGG SERVICES		64.65	
NORCAN LEASING	282.26 + 56.45	338.71	
D. EATON X PENSES	89.97 01 + 27.50 04 + 51.38 04	163.85	
B. WENG X PENSES	15.57 01 + 78.72 02 + 271.33 04	365.62	1026.27
MANAGEMENT	6% on Expenses on Field A/C	61.58	
		17.13	78.71
			6430.39
GST (R100247667)	7% on 6430.39		450.13
E=GST exempt			6880.52

In Account With

Project  
Date

BLUE HEAVEN PROJECT  
SEPTEMBER 30, 2002

LABOUR			
Field	D. WENZYSKOWSKI - 9 HRS AT 60/HR	540.00	
Office	M. Cooke - hrs at \$39.15/hr		
Accounting and Expediting	J. Mariacher - 10 1/4 hrs at \$44.45/hr	455.61	995.61
<b>OTHER SERVICES</b>			
Room & Board in Whitehorse	days at \$80/day		
Field equipment from AC stock			
Printing	Photocopies 46 @ 25	6.90	
Rentals from AC			
Drafting	hrs at \$38.40/hr		6.90
<b>EXPENSES</b>			
Petty Cash			
Telephone	0.90	0.90	
RIVERDALE SUPER A		64.06	
MAC'S FIREWEED		74.99	139.95
MANAGEMENT	6% on Expenses on Field A/C	8.40 1.93	10.33
GST (R100247667)	7% on 1152.79		80.70
E=GST exempt			1233.49



# 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: 1003427**

### BILLING INFORMATION

Certificate: **VA02002812**  
Account: **MTT**  
Date: **30-Aug-2002**  
Project: Blue *JA*  
P.O. No.:  
Quote:  
Terms: **Net 30 Days**

ANALYSED FOR			UNIT	
QUANTITY	CODE	DESCRIPTION	PRICE	TOTAL
1	BAT-01	Administration Fee	0.00	0.00
4	PREP-31	Crush, Split, Pulverize	4.50	18.00
1.96	PREP-31	Wt. Charge (kg) - Crush, Split, Pulverize	0.19	0.37
4	ME-ICP41	34 element aqua regia ICP-AES	4.80	19.20
4	W-XRF09	Assay W - Pressed Pellet XRF	6.00	24.00

SUBTOTAL \$ 61.57

GST R100938885 \$ 4.31

**TOTAL PAYABLE (CAD) \$ 65.88**

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



**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: 1003461**

BILLING INFORMATION	
Certificate:	<b>VA02002815</b>
Account:	<b>MTT</b>
Date:	<b>30-Aug-2002</b>
Project:	Touch Down <i>JA + BLUE HEAVEN JA</i>
P.O. No.:	
Quote:	
Terms:	<b>Net 30 Days</b>

QUANTITY	CODE	ANALYSED FOR	UNIT PRICE	TOTAL
		DESCRIPTION		
1	BAT-01	Administration Fee	0.00	0.00
19	ME-ICP41	34 element aqua regia ICP-AES	4.80	91.20
19	PREP-31	Crush, Split, Pulverize	4.50	85.50
26,22	PREP-31	Wt. Charge (kg) - Crush, Split, Pulverize	0.19	4.98
19	Au-AA24	Au 50g FA AA finish	8.10	153.90
19	Ag-AA46	Ore grade Ag - aqua regia/AA	1.80	34.20
19	Pb-AA46	Ore grade Pb - aqua regia/AA	1.80	34.20
19	Zn-AA46	Ore grade Zn - aqua regia/AA	1.80	34.20
19	ASY-AR01	Assay Aqua Regia Digestion	2.40	45.60
1	Cu-AA46	Ore grade Cu - aqua regia/AA	1.80	1.80
1	As-AA46	Ore grade As - aqua regia/AA	1.80	1.80

SUBTOTAL \$ 487.38

GST R100938885 \$ 34.12

**TOTAL PAYABLE (CAD) \$ 521.50**

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

*11- TOUCHDOWN*  
 282.17  
 19.75  
 301.92

*8- BLUE HEAVEN*  
 205.21  
 14.37  
 219.58

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



# ALS Chemex

ALS Canada Ltd.  
 Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221

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

**INVOICE NUMBER** **I 0 2 2 4 1 9 9**

### BILLING INFORMATION

Date: 23-SEP-2002  
 Project: Blue *W*  
 P.O. No.:  
 Account: MTT

Comments: ATTN: ACCOUNTS PAYABLE

Billing: For analysis performed on  
 Certificate A0224199

Terms: Payment due on receipt of invoice  
 1.25% per month (15% per annum)  
 charged on overdue accounts

Please Remit Payments to:

**ALS CHEMEX**  
 212 Brooksbank Ave.,  
 North Vancouver, B.C.  
 Canada V7J 2C1

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
1	212 - Overlimit pulp, to be found Pb-VOL71 - Pb %: Concentrate	0.00 30.00*	30.00	30.00
Total Cost \$				30.00
(Reg# R100938885 ) GST \$				2.10
<b>TOTAL PAYABLE (CDN) \$</b>				<b>32.10</b>

Paid Oct 17, 2002  
 #651