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ASSESSMENT REPORT
describing

GEOLOGICAL MAPPING, PROSPECTING AND HAND TRENCHING

at the

PROPHET RIVER PROPERTY
Pro 1-14 claims 385786-385799

NTS 94G 061 and 071
Latitude 57°43N; Longitude 123°54W

in the

Liard Mining Division
British Columbia

prepared by

Archer, Cathro & Associates (1981) Limited

for

STRATEGIC METALS LTD.
and
WAR EAGLE MINING COMPANY INC.

by

William A. Wengzynowski, B. Eng.

February 2003

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

27,149

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INTRODUCTION

The Prophet River property covers a zinc-germanium-gallium prospect that is owned by Strategic Metals Ltd. and is currently under option to War Eagle Mining Company Inc. It consists of 14 two-post mineral claims covering approximately 350 ha in northern British Columbia.

Exploration in 2002 was directed primarily toward germanium, a semi-metal (containing electrical characteristics between a metal and an insulator) that is currently used in fibre optic applications, polymerization, infrared optics and electrical/solar applications. It is produced largely as a by-product of zinc refining from both oxide and sulphide deposits. A surge in the high technology sector between 1995 and 2001 saw germanium prices soar as high as \$2,000 US/kg (Brown, 1999). Current prices however, have settled to approximately \$500 US/kg (www.rareearthsmarketplace.com, 2003) reflecting the deflated state of the global technology market.

This report describes the exploration program conducted on the property by Strategic's two person crew between September 5 and 25, 2002. The focus of the program was to relocate and sample two previously identified zinc-germanium-gallium showings and establish geological continuity between the occurrences through detailed mapping and prospecting. All work was supervised by the author whose Statement of Qualifications appears in Appendix I. The Statement of Costs appears in Appendix II.

PROPERTY, LOCATION AND ACCESS

The Prophet River property consists of 14 contiguous two-post mineral claims located in the Liard Mining Division on NTS map sheets 94G 061 and 071. The claim block is centred at latitude 57°43'N and longitude 123°54'W (Figure 1) within the Muskwa-Kechika Management Area. They are also flanked by the Northern Rocky Mountain Park roughly 1 km to the north and by Redfern-Keily Park some 12 km to the south.

The claims are registered in the name of Archer, Cathro & Associates (1981) Limited which holds them in trust for Strategic Metals Ltd. Claim data are listed below while the locations of the individual claims are shown on Figure 2.

<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date *</u>
Pro 1-14	385786-385799	April 12, 2013

* Expiry date includes 2002 work filed for assessment credit but not yet accepted.

The property is situated in the foothills of the northern Rocky Mountains of British Columbia between Fort Nelson and Fort St. John. Access is by two-wheel drive truck from Fort Nelson via the Alaska Highway to a staging area on the west side of the road approximately 55 km west of the claim

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FIGURE 1

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

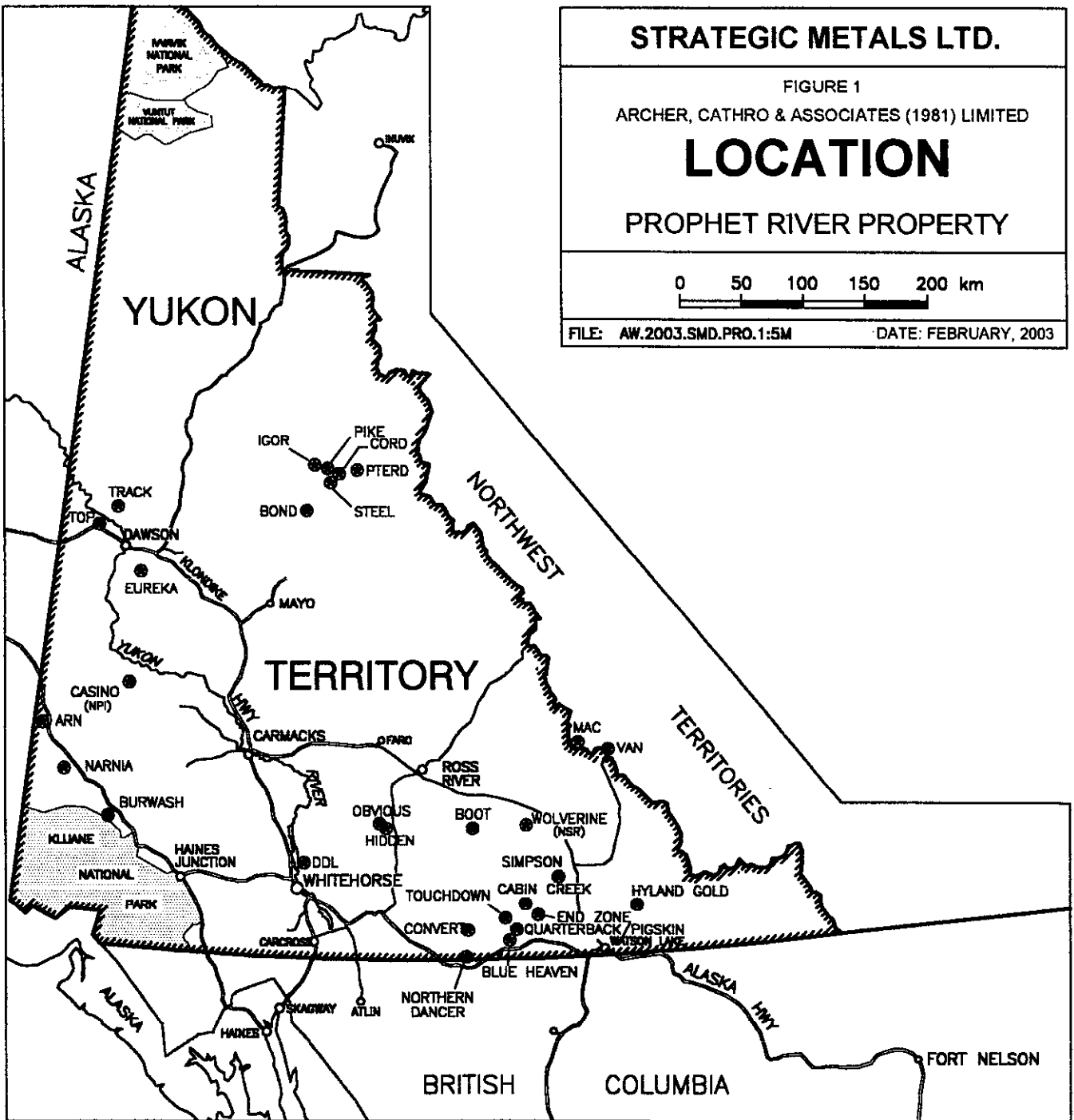
LOCATION

PROPHET RIVER PROPERTY

0 50 100 150 200 km

FILE: AW.2003.SMD.PRO.1:5M

DATE: FEBRUARY, 2003



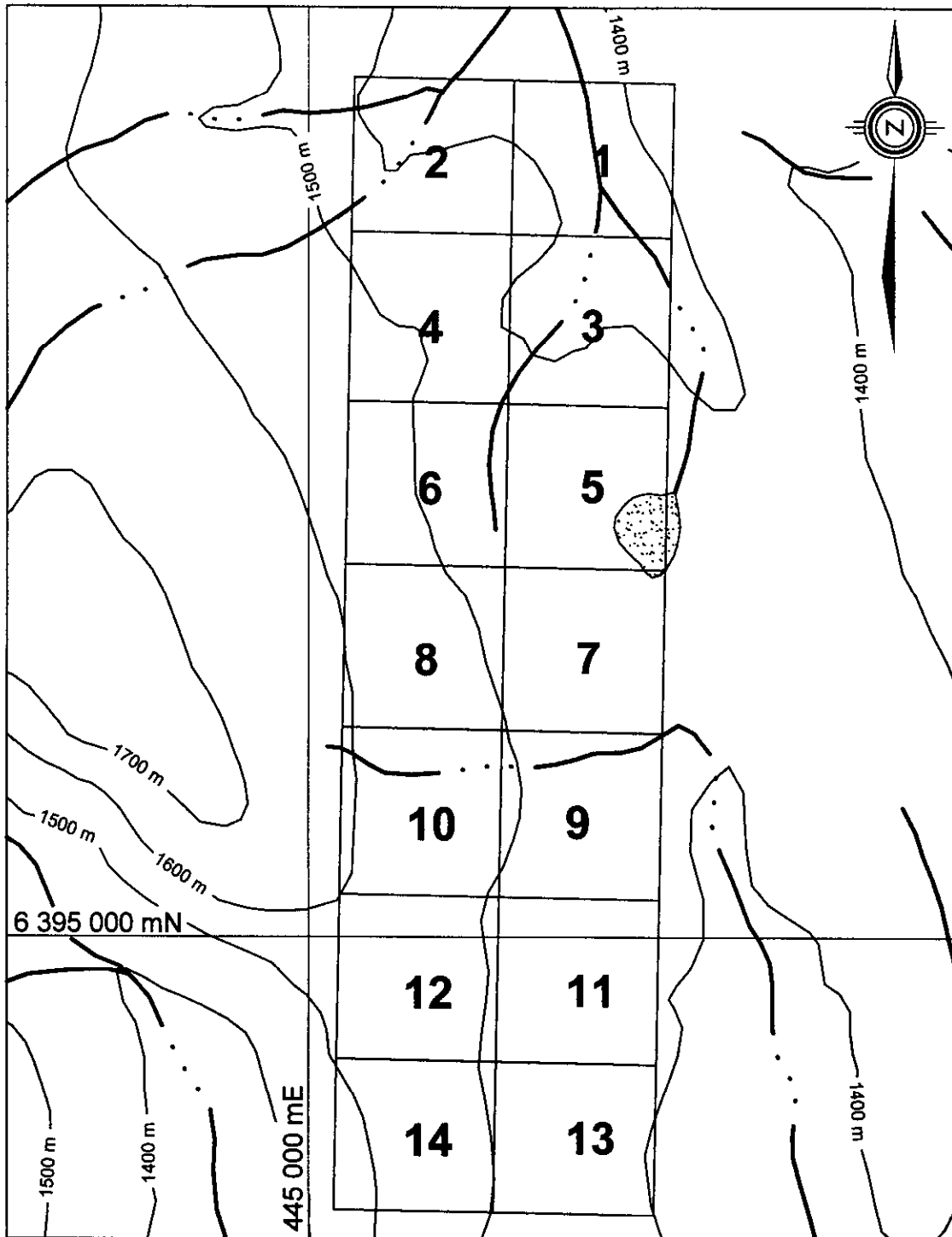
★ Strategic property or royalty interest

NSR=Net Smelter Return

NPI=Net Profit Interest

Prophet River

FORT ST. JOHN



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ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM LOCATION

PROPHET RIVER PROPERTY

FIGURE 2



FILE: AW.2003.SMD.PRO.F2 FEBRUARY 2003

block. Crew and supplies were mobilized to the property along the Prophet River valley using a Bell 206B helicopter operated by Canadian Helicopters from its permanent base in Fort Nelson.

PREVIOUS WORK

The discovery of zinc mineralization in the Robb Lake area (northern Rocky Mountains) in the early 1970s was followed by a regional exploration campaign focussed toward the discovery of additional carbonate hosted lead-zinc deposits (also known as Mississippi Valley Type [MVT]). The efforts of the campaign resulted in the discovery of numerous zinc occurrences along what was soon after termed the "Robb Lake Belt". The most distinguished discovery was the Robb Lake deposit which reportedly contains a geological resource of 6.5 million tonnes at 7.11% combined lead and zinc (Nelson, et al, 1999). These occurrences are hosted in Paleozoic carbonate rocks that extend from northern British Columbia northeast into the Northwest Territories where they host the well known Pine Point MVT Deposit from which Cominco Ltd. reportedly mined 68.8 million tonnes of 9.6% lead-zinc combined (www.pinepointmines.com, 2003).

One of the northernmost zinc discoveries within the Robb Lake Belt coincides with the ground currently occupied by the Pro claims. Exploration by Cominco Ltd. included limited soil geochemical sampling, prospecting and geological mapping in 1972 and 1973 (Szabo, 1973). Equinox Resources Ltd. later restaked the area in 1986 after conducting a Cordilleran-wide literature search which singled out the Prophet River area for exceptional germanium-gallium response from 300 known zinc occurrences. Programs carried out by Equinox included soil geochemical surveys, geological mapping, blast bulk sampling and limited diamond drilling between 1986 and 1990. This work identified a strongly anomalous 1000 m linear zinc anomaly roughly coincident with the eastern edge of a loosely defined, much larger zone of silicification which was perceived as a potential stratabound host for zinc mineralization analogous to the setting at the Robb Lake deposit. Two natural isolated bedrock and/or subcrop exposures, the Nose and Wolverine Showings, were located within the zone of silicification and were the focus of blast trench bulk sampling and a 17 hole diamond drill program (Leighton and Pell, 1987).

GEOMORPHOLOGY

The claims are situated in an unnamed pass between the Muskwa and Prophet River valleys. Elevations range from 900 to 1700 m however, most of the ground within the claim block is below tree line. Vegetation consists of moderate to dense growths of spruce and balsam trees commonly with a moderate understorey of buckbrush and willow. Local glaciation has resulted in the deposition of variable thicknesses of till up to an elevation of about 1500 m limiting outcrop exposure on the claims.

GEOLOGY

Lithology

The foothills of the northern Rocky Mountains (northeast of the Rocky Mountain Trench) are comprised predominantly of platform carbonates of the Omineca Belt (Thompson, 1989) (Figure 3).

These rocks are mostly Upper Silurian to Mid Devonian age and consist of dolomite, sandy or argillaceous dolomite and limestone which gives way laterally (northeasterly) to miogeoclinal shales, siltstone and carbonaceous limestone. The Robb Lake deposit is hosted by the Muncho-McConnell Formation which consists of interconnected bedding parallel and cross cutting breccia bodies within Silurian-Devonian dolostone (Nelson, et al, 1999).

The area in the immediate vicinity of the claims is underlain by the Stone, Dunedin and Besa River Formations believed to be of Late Silurian to Upper Devonian age (Leighton and Pell, 1987). This package of rocks immediately overlies the Muncho-McConnell Fm. Property geology is illustrated on Figure 4.

Stone Fm is the oldest outcropping unit on the Pro claims and consists of medium to thick bedded, laminated pale grey to white dolostone. The upper portion of this unit grades back to limestone.

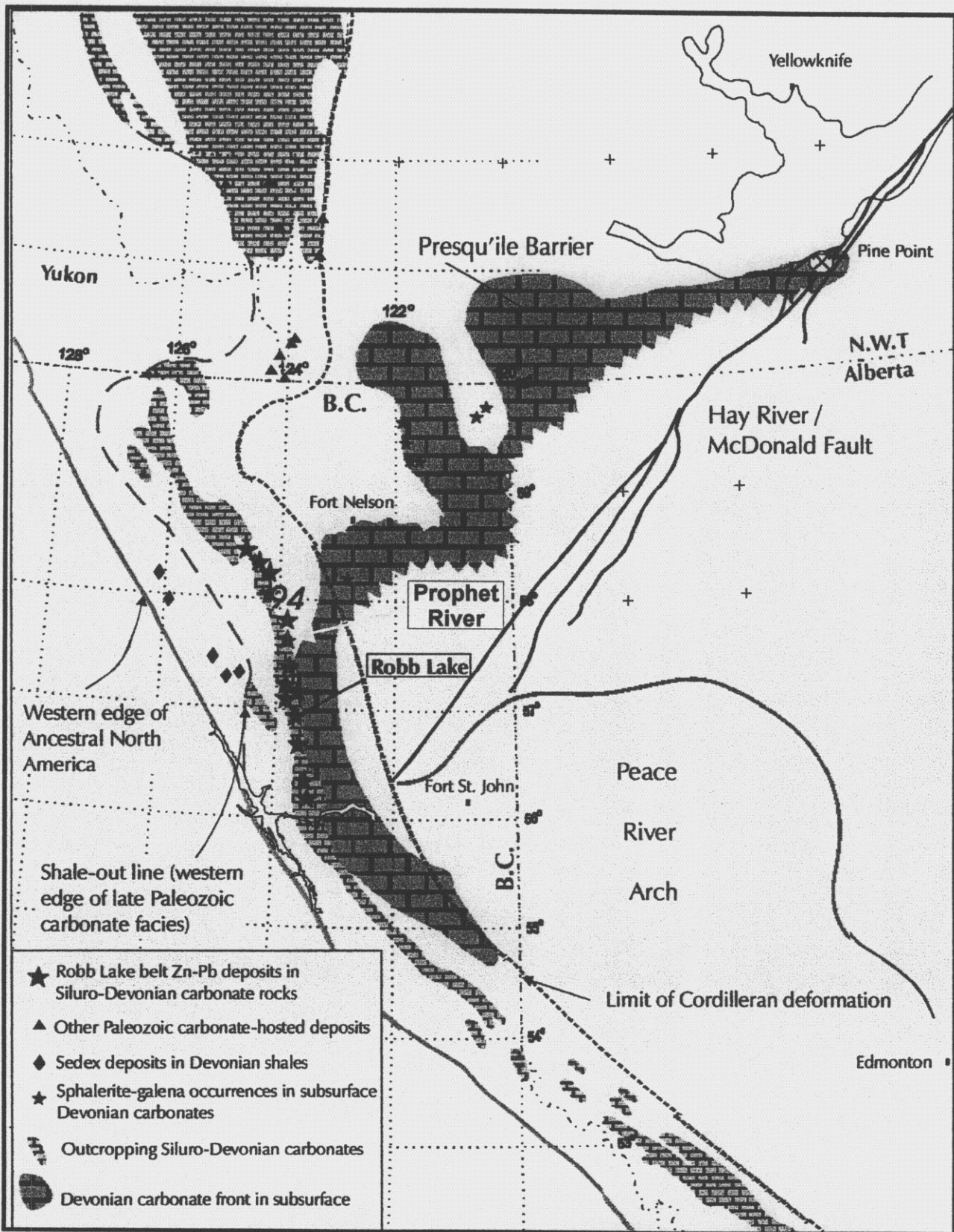
The **Dunedin Fm** lies conformably atop the Stone Fm and consists of medium grey, thin wavy bedded fossiliferous limestone. Dark grey to black semi-concordant siliceous breccia zones are developed near the basal contact of this unit and will be discussed further in the Mineralization section.

Black carbonaceous shales of the **Besa River Fm** conformably overlie the Dunedin Fm limestones. They are finely laminated, fissile and calcareous to non-calcareous. They contain minor amounts of fine pyrite as thin bands and disseminations.

Structure

The regional structural fabric is marked by numerous imbricate thrust faults generally trending northwesterly and dipping shallowly to the southwest parallel to the Rocky Mountain Trench. Antiform and synform features are common with long axes oriented parallel to the trace of the thrust faults.

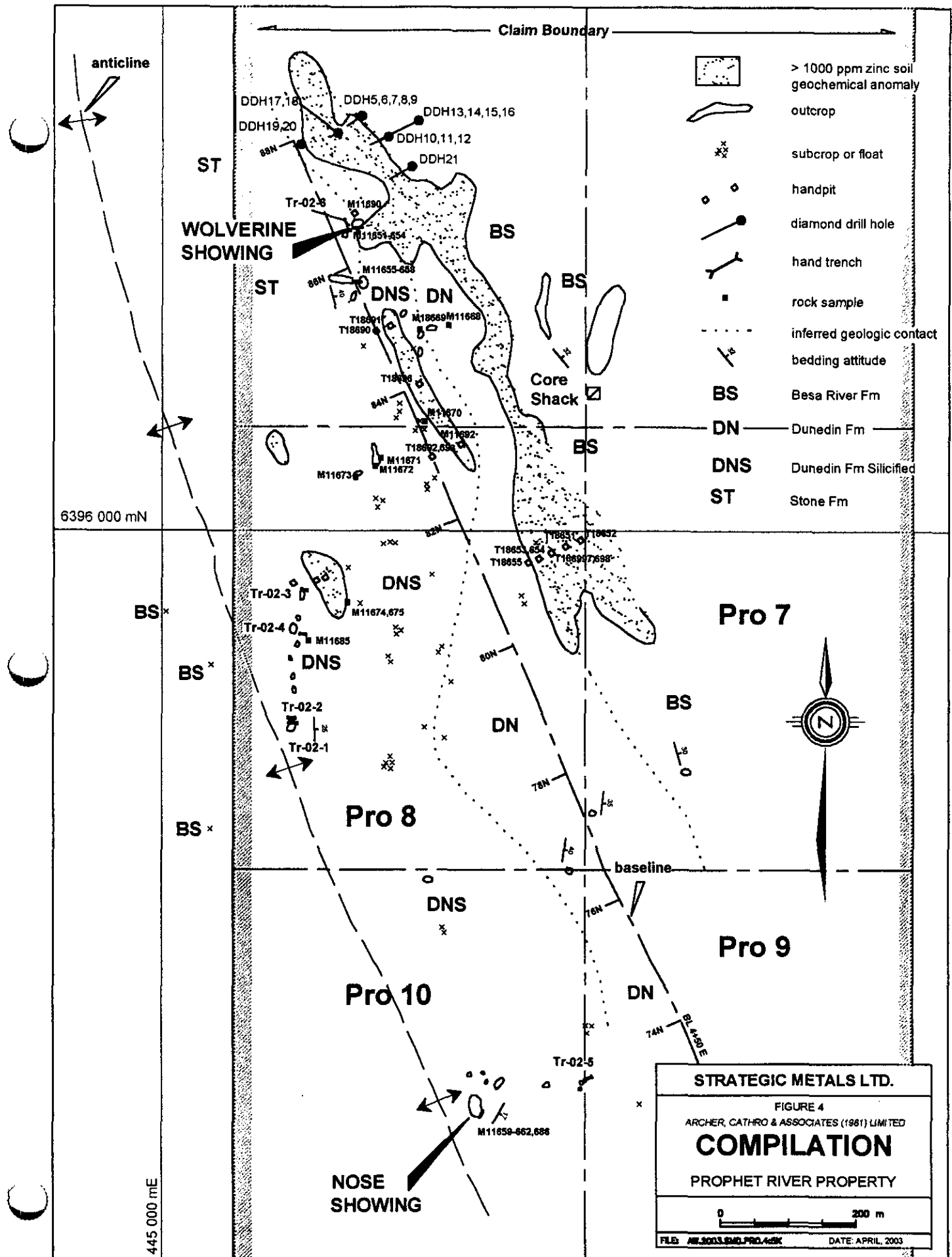
Locally, a southwest plunging anticlinal structure was mapped by Equinox based largely on bedding attitudes from exposures north of the current property boundary. The Pro claims cover the gently dipping stratigraphy near the apex of the hinge on the eastern limb of the anticline. The axis is believed to coincide with a vertical to subvertical structure, an orientation which is supported by the presence of parallel trending scarps and narrow faults observed in hand trenches at various locales within the claim block.



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 FIGURE 3
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
REGIONAL GEOLOGY
PROPHET RIVER PROPERTY

after Nelson et al., 1999

February, 2003



Claim Boundary

anticline

ST

WOLVERINE SHOWING

BS

ST

DNS DN

BS

Core Shack

BS

BS

DN

DNS

ST

- > 1000 ppm zinc soil geochemical anomaly
- outcrop
- subcrop or float
- handpit
- diamond drill hole
- hand trench
- rock sample
- inferred geologic contact
- bedding attitude
- BS** Besa River Fm
- DN** Dunedin Fm
- DNS** Dunedin Fm Silicified
- ST** Stone Fm

6396 000 mN

Pro 7

BS

BS

BS

Pro 8

DN

BS

baseline

DNS

Pro 9

Pro 10

DN

74N
BL 450 E

NOSE SHOWING

M11859-862,888

445 000 mE

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FIGURE 4
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

COMPILATION

PROPHET RIVER PROPERTY

0 200 m

FILE: AM 3003.840.FRD.48K DATE: APRIL, 2003

Mineralization

Two types of lead-zinc mineralization are recognized on the property. The first type is hosted by areas of intense silicification and brecciation associated with a stratabound horizon within the Dunedin Fm limestone. In outcrop the silicified zones are massive dark grey to black in colour and resistant to erosion subsequently forming isolated scarps and boulder concentrations. Mineralization consists of quartz, very fine grained disseminated to wispy red sphalerite, irregular segregations of black, vitreous pyrobitumen, some euhedral crystals of galena and minor fine grained cubic pyrite. Pyrobitumen is most easily observed within clear to white irregular secondary quartz veinlets. Copper oxides, malachite and azurite, are also observed as irregular surface coatings at the Nose and Wolverine Showings previously discovered by Equinox. Polished sections and SEM studies prepared and conducted by Equinox identified chalcopyrite inclusions within sphalerite grains and more specifically, germanite, a germanium sulphide (Leighton and Pell, 1987). Some sphalerite samples examined by Equinox contained unusually high copper concentrations (up to 1%) and little to no iron content.

The second type of mineralization consists of barite, honey coloured sphalerite, coarse cubic galena and lesser fluorite contained within steeply dipping vein zones cross cutting stratigraphy. The vein zones contain pods and lenses that range in width from 5 to 30 cm and are dominantly mineralized with massive to feathered white to cream coloured barite. Accessory sphalerite and galena account for up to 10% combined sulphide content of the veins. Although these features are ubiquitous, they do not form large volumes of sulphide and are not significantly enriched with germanium or gallium.

2002 PROGRAM

In 2002, Strategic reviewed and resampled a variety of potential silica alternation zones from the 1987 drill core obtained approximately 75 m north of the Wolverine Showing. It also remapped and resampled the previously identified surface showings and conducted thorough prospecting between them (1300 m) in an attempt to identify new mineralization and establish continuity.

Sample Procedures

Seventy-eight rock samples including chip samples from hand trenches, hand pit profile samples, specimens and core splits were collected during the Strategic program. Due to the exotic nature and potentially high germanium content of the mineralization, modified analytical techniques were prepared by ALS Chemex Labs of Sparks, Nevada and carried out by its lab in North Vancouver, B.C. A detailed description of the techniques used is documented in Appendix III. Certificates of Analysis are contained in Appendix IV while rock descriptions and detailed traverse reports appear in Appendix V. Geochemical results, trench maps and profiles are contained in Appendix VI.

Surface Showings

The **Nose Showing** roughly marks the southern limit of outcrop on the property. It is the largest of a cluster of subcrop and outcrop exposures near the suspected trace of the anticlinal axis as illustrated on Figure 4. The main exposure is approximately 20 by 15 by 3 m in size and consists of an upper section (~ 1.5 m) of weakly silicified and fossiliferous Dunedin Fm limestone underlain by an equally thick section of strongly silicified and brecciated, black non-fossiliferous Dunedin Fm limestone. The basal portion of the outcrop is Stone Fm limestone which is not mineralized and exhibits no alteration.

Pods of cubiform barite and lesser galena occur sporadically within the upper and lower Dunedin Fm limestones and range from 10 to 30 cm in diameter. No other sulphides or oxides appear to be associated with this mineralization within this unit. The transition from the upper Dunedin Fm limestone to the lower silicified unit is somewhat gradational but roughly coincides with a flat lying bedding-parallel parting. All sphalerite related mineralization is contained between the parting and the underlying Stone Fm limestone contact. Figure 5 illustrates the area within the siliceous breccia horizon from which a bulk sample was extracted by Equinox in 1987. This area roughly coincides with the visual limit of mineralization both north and south across the section.


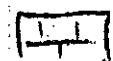
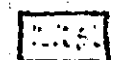
Mineralization consists of irregular pods and wisps of very fine grained red sphalerite and isolated pods of cubic barite and galena. Hydrozincite and lesser malachite are also present as surface coatings and along fractures. A slightly discordant lens of dark grey, very porous siliceous material is also present and contains moderate to appreciable amounts of hydrozincite and malachite with no sulphide component.

The bulk sample taken by Equinox represented a 1.3 m width and reportedly contained 22.69% zinc, 0.01% lead, 1500 g/t germanium and 40 g/t gallium. Total volume of the sample is unknown. A series of continuous chip samples taken by Strategic within the blast trench-bulk sample area yielded up to 8.14 % zinc, 88.9 g/t germanium and 73.8 g/t gallium (Figure 5). Additional samples were also collected outside of the blast trench within the prospective unit to test its immediate lateral potential beyond the area of visual mineralization. The highest grades obtained were 0.18 % zinc, 28.6 g/t germanium and 7.45 g/t gallium across 1.3 m some 3 m along the section from the bulk sample site.

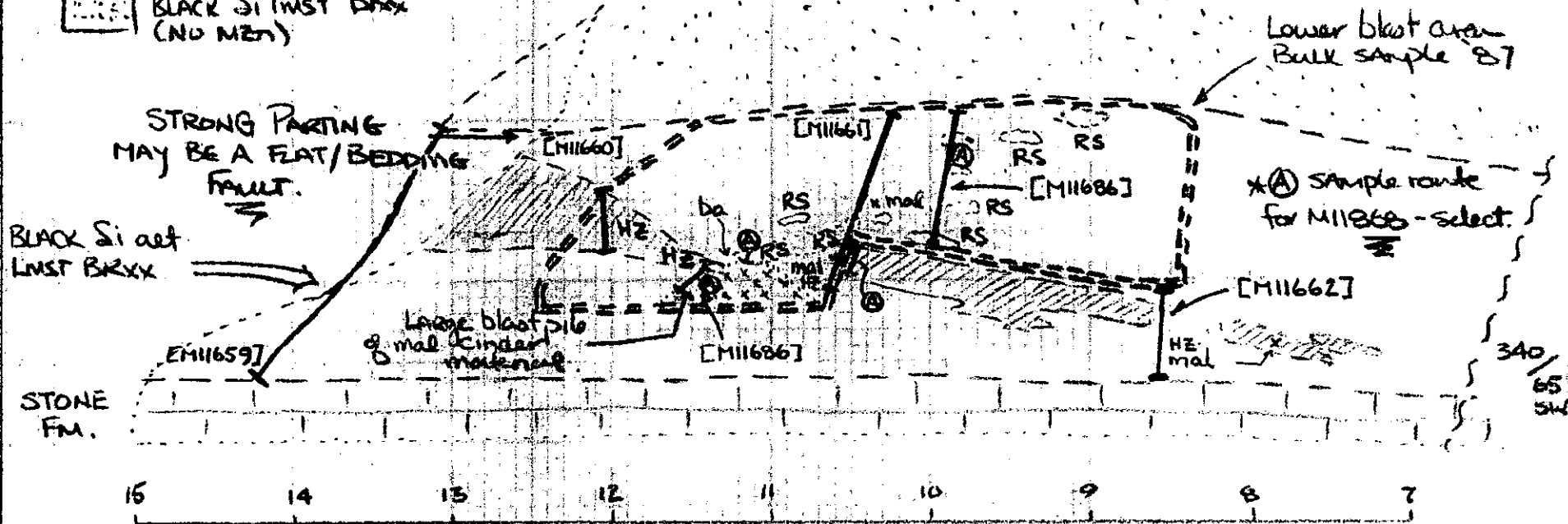
The **Wolverine Showing** is situated near the northern end of the claim block and consists of lensy sulphide and oxide zinc mineralization within a narrow window of strongly silicified and brecciated Dunedin Fm limestone exposed within the moderately dipping eastern limb of the anticline. As observed on Figure 6, the mineralization at the Wolverine Showing is very similar in both distribution and character to that described at the Nose Showing.

A bulk sample taken from this exposure by Equinox across a 2.1 m section reportedly assayed 6.28% zinc, 0.36% lead, 400 g/t germanium and 30 g/t gallium. Again the total volume extracted is unknown.

Looking WEST (scale)

-  GREY Porous Silica Cinder LMST
-  STONE FM LMST
-  BLACK Si LMST Box (NO MZ)

- HZ - HYDROZINCITE
- RS - Red sphalerite
- mal - malachite
- ba - barite pod

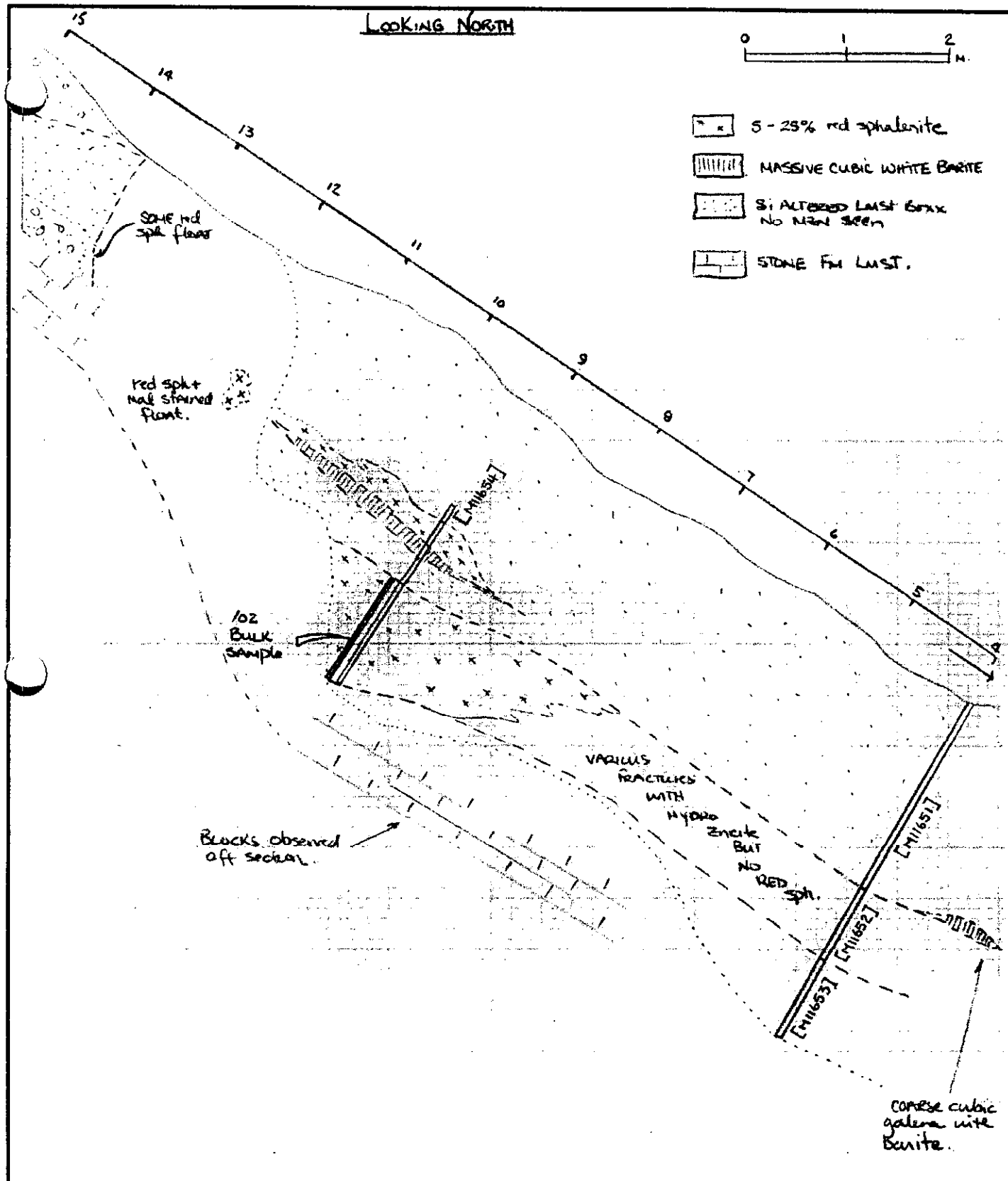


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FIGURE 5
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
NOSE SHOWING
PROPHET RIVER PROPERTY

LOOKING NORTH



- 5-25% red sphalerite
- MASSIVE CUBIC WHITE BARITE
- Si ALTERED LAST BLOCK
NO MN SEEN
- STONE FM LUST.



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FIGURE 6

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

WOLVERINE SHOWING
PROPHET RIVER PROPERTY

Chip samples taken by Strategic across the suspected bulk sample site and down along the horizon from this site returned up to 1.83% zinc, 97.9 g/t germanium and 50.4 g/t gallium across 2.1 m. A hand trench excavated 10 m laterally updip from the nearest mineralization encountered a 1.3 m section (partially exposed) of the mineralized horizon containing moderate amounts of hydrozincite, malachite, red sphalerite and minor barite. A chip sample across the exposure yielded 1.53% zinc, 91 g/t germanium and 29.7 g/t gallium.

Diamond Drilling

During the 1987 field program Equinox conducted an 1100 m diamond drill hole program in 21 holes on the property. Seventeen of the holes tested the prospective breccia horizon trend approximately 75 m northwest along strike of the Wolverine Showing. Equinox split and analyzed approximately 72 m of core, the results of which were generally poor. All core was left on the property.

In 2002, Strategic was able to salvage and re-examine the core from 9 of the holes from which twenty-five samples of various types of alteration and/or mineralization were taken. This included resampling (quartering) intervals of moderate to high red sphalerite content.

Intervals where little or no red sphalerite was visually identified returned zinc values less than 1% and germanium values less than 20 ppm. The highest germanium assay (99 g/t) was accompanied by 6.17% zinc across a 0.80 m interval from DDH-5. A 1.20 m interval sampled by Equinox from DDH-17 yielded the highest germanium assay (380 g/t) obtained in drill core (also accompanied by 6.95% zinc). Resampling in 2002 returned 3.33% zinc and 74.9 g/t germanium.

Geochemical Anomaly and Peripheral Prospecting

The zinc soil geochemical anomalies outlined from the detailed 1990 sampling (Weicker, 1990) appear to be a result of two sources. The main anomaly is roughly 1000 by 75 m (average) in size and trends northwest parallel to stratigraphy. It also coincides with a prominent break in slope where the lithology is dominantly Besa River shales. The northern portion of the anomaly was tested by drilling however, none of the Besa River shale material was submitted for analysis.

Three smaller isolated anomalies of similar intensity and trend were outlined west and upslope from the main anomaly in an area where moderately abundant siliceous breccia slabs and boulders were mapped. The largest of these anomalies measures 250 by 30 m and lies directly along strike (150 m) from the Wolverine Showing. Five hand pits were dug across the anomaly as shown on Figure 4 and a series of silica breccia samples were also taken peripherally. Pit profile samples consisted largely of a mixture of glacial sand, clay and fragments of black siliceous Dunedin Fm breccia. Zinc values ranged between 457 and 3970 ppm while germanium numbers ranged between 1.72 and 10.15 g/t. Normalized germanium values (to 60% zinc concentrate) were very consistent averaging 2002 g/t.

Four hand trenches and 3 hand pits were excavated along a local intermittent silica breccia scarp zone associated with one of the smaller (100 by 50 m) zinc anomalies. Minor amounts of barite, honey

coloured sphalerite and galena were observed in all trenches. Chip samples from all trenches consisted dominantly of black siliceous Dunedin Fm limestone with no visible sulphide content and minor quartz-bitumen veinlets. None of the samples exceeded 3350 ppm zinc and 16.6 g/t germanium. Select specimens of barite and honey sphalerite assayed 4.96% zinc and 37.1 g/t germanium.

DISCUSSION AND CONCLUSIONS

The Prophet River property covers a significantly enriched zinc-germanium-gallium prospect and is unique in that the germanium and gallium are associated with sulphide facies that may be amenable to flotation and would therefore be susceptible to significant grade enhancement in a sulphide concentrate. Thin section work, undertaken on behalf of Equinox, suggested the germanium in ore is concentrated primarily in germanite within quartz rich segregations and as much as several hundred g/t germanium may also exist in all the sphalerite. Preliminary bulk sampling from the Nose and Wolverine Showings carried out by Equinox in 1987 returned average germanium contents that could be normalized to roughly 4000 g/t in a hypothetical 60% zinc sulphide concentrate assuming full liberation and recovery of the germanium sulphides. The average normalized germanium content for all rock samples collected by Strategic was 4708 g/t with individual values ranging between 568 and 10900 g/t. Samples containing greater than 1% zinc yielded a normalized average of 1458 g/t germanium. The germanium (x 100):zinc and germanium (x 10):copper ratios yielded an average of 3.7 and 3.0, respectively with zinc ratios varying between 0.1 and 23.1 and copper ratios between 0.1 and 14.1.

The mineralized silica altered limestone breccia unit at the Prophet River property is intermittently exposed for 1300 m along the central portion of the claim block and ranges roughly from 1.3 to 5 m thickness. The dispersion of float occurrences and lack of outcrop in the gently dipping areas of the antiform suggest a lack of preservation of the unit in this area. Better preservation will be encountered where the limbs steepen relative to topography. Continuity and reproducibility of the mineralization sampled at the Prophet River property is poor. The latter may be attributed simply to improved accuracy of analytical techniques for metals such as germanium while the continuity of MVT mineralization is typically erratic.

The Prophet River property has the potential to host a sizeable low grade zinc resource containing moderate germanium values and possibly smaller higher grade lenses within the mineralized system. Future exploration should be focussed toward identifying zones of higher grade zinc and germanium. The timing of this work is dependent upon the resurgence of the tech market, and specifically a rise in the price of germanium.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED



William A. Wengzynowski, P. Eng.

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APPENDIX I
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
STATEMENT OF COSTS

Statement of Costs
Pro 1-14 Mineral Claims
March 17, 2003

LABOUR

A. Archer – geologist – 11 hours July to February at \$66/hr	\$ 776.82
R. Carne – geologist – 1 hours May at \$60/hr	64.20
D. Eaton – geologist – 2 hours May at \$60/hr	128.40
B. Wengzynowski – geologist – 317 ½ hours May to February at \$60/hr	20,383.50
A. Burgert – geologist – 24 days September at \$400/day	10,272.00
J. Mariacher - 87 ½ hours May to February at \$44.45/hr	<u>4,161.63</u>
	35,786.55

EXPENSES

Field room and board – 51 ½ days at \$115/day	6,337.08
Canadian Helicopters – 5.6 hours Bell 206B at \$775/hr plus fuel and 2.5 hours A-Star at \$1200/hr plus fuel	9,004.12
ALS Chemex Labs	2,058.56
Norcan – truck rental plus fuel	2,602.28
Dilman Communications – radio rental	562.16
Greyhound Courier	<u>219.25</u>
	20,783.45
	<u>\$56,570.00</u>

APPENDIX III
DESCRIPTION OF ANALYTICAL TECHNIQUES

ALS Chemex**QUOTATION PH304F.02Q**

Archer Cathro & Assoc. (1981) Ltd.
1016 - 510 W. Hastings St.
Vancouver, BC
V6B 1L8

20 December, 2002

Fax: 604 688-2578

ATTENTION: Alan Archer

Dear Mr. Archer

Pursuant to our recent telephone conversations, ALS Chemex is pleased to provide you with the following quotation for sample preparation and analysis for samples received from your germanium/gallium related project.

Quotation Number: PH304F.02Q

Expiry date: 31 December, 2003

PRICES

Prices for the sample preparation and analytical procedures requested for your projects are shown in a table below. Prices are quoted in Canadian dollars and include a twenty five percent discount off sample preparation and a forty percent discount off routine analytical services. Some exceptions apply from 2001 Schedule of Services. Terms are net 30 days. Please include your quotation number on all sample submittal forms.

TECHNICAL INFORMATION

As it turned out, addressing this issue of high precision germanium and gallium assays rigorously was more involved than I anticipated. The whole matter is complicated by an absence of high-grade certified reference materials. The highest gallium content of any recognized standard is 74 ppm, while the highest certified germanium value available is 18 ppm. Nonetheless, I believe we have formulated a strategy that allows us to tackle the problem for you. In fact, I believe the lab staff looks forward to the opportunity to work with such unusual rocks.

In the table below, I have quoted the pricing for sample preparation, multielement analyses, and several options for the assay of higher grade Ge and Ga samples. Since you have communicated your need for high quality Ge and Ga determinations, I have

communicated to the various lab managers that we must set up appropriate "assay" methods, which normally means accurate determinations with a precision of +/- 5% at the most. The precision of routine geochemical procedures, such as the multielement packages, is generally +/- 10%. The added precision for "assay" techniques is due to the economic implications of the numbers, which as you know are often used in calculating ore reserves or production figures.

As you and I discussed, the tendency for Ge to volatilize in the presence of hydrofluoric acid is well documented, but there are ways to suppress the volatilization and produce high quality data. There is high confidence among our technicians and managers that we can overcome the technical barriers to good determinations for both of these elements. However, that confidence has little value if we cannot confirm the accuracy of the method with the use of certified reference materials (CRM's). Therefore, the quoted pricing for the assay methods must be non-discountable until we can thoroughly evaluate the methods and evaluate a small subset of your samples.

The immediately obvious strategy to overcome the lack of standards is to prepare a small standard from some of your mineralized material. This homogenous prepared sample will be shipped outside to a couple of specialty labs for testing as well as thoroughly assayed by our recommended methods. A consensus of values should emerge from this round robin, enabling us to ascribe a certified value to this control sample. It will be matrix matched with the other samples in your project and will allow evaluation of accuracy relative to other methods and consistency between our ongoing batches of assays. Of course, there is the potential problem that no matter what types of specialty methods we use to evaluate this standard (instrumental neutron activation analysis and/or x-ray fluorescence for instance), the lack of internationally recognized standards will cast some doubt on those results as well. We shall rely on multiple methods, hoping that a narrow range of values is corroborated.

Given this background information, you can see below that what we propose is a slightly modified version of our ME-MS61 method to pre-screen the samples. As you can see in the table at the end of this quote, that method reports a thorough listing of 47 elements. These data will give you reliable results for base metals, major elements, and a long list of trace elements, as well as the more exotic elements you are chasing on this project. In the case of high Zn or other base metals, we shall need to dilute the leach solutions before introduction to the ICP-MS. We shall also be adapting the digestion to a more aggressive four-acid digestion. Thus, the need for a slight premium over the normal list price for the ME-MS61 procedure (\$28 vs. \$22 per sample).

As we discussed, for those samples indicating high Ga and/or Ge from the MS61 scan, we will run overlimit assays by another method. Here in this quote, I have included three options. Many in the lab believe that a pressed pellet XRF based technique offers wonderful simplicity without concern over loss during digestion. However, no current method exists for both of these elements, and again, the lack of certified standards casts some doubt on its efficacy. We shall endeavor to set up a method using a synthetic standard and will definitely test this approach on an initial subset of samples.

Second, the so-called "Super Acid" method, which comes to us through our acquisition of Bondar Clegg, is a viable and likely alternative approach. This acid mixture includes phosphoric acid in a mixture with hydrofluoric and nitric acids. As we have seen in the literature, it is this addition of phosphoric acid which suppresses the volatile loss of germanium. So, the "Super Acid" seems on paper to be ideal for this application. Unfortunately, and the reason we are not yet prepared to discount the price, the Bondar Clegg chemists never applied this approach to gallium and germanium. We are happy and anxious to do the necessary experimentation to set it up, because some of us are quite confident that it will turn out to be very elegant and efficient.

Lastly, we do have relatively tried and true methods for geochemical levels of these elements. The IC-32 method from the Bondar side of the company uses a closed vessel to prevent germanium volatilization, while the Ga-MS62 has shown itself to be quantitative for moderate levels of gallium in zinc sulfides and secondary oxides. We are quite capable of extending the upper limits of these methods and treating them as "assay" techniques. Again, there is a need to refine the method by using high grade reference materials, but preliminary results should be a satisfactory beginning.

In summary, I apologize for not being able to be more concrete and specific about pricing and procedures. However, there is a feeling that we need to see the rocks and run the first multielement scan before we can be sure which plan of attack is best. It is very likely that we shall apply all these methods to an initial subset of your samples, perhaps 10 mineralized rocks identified by the multielement scan. For this first phase of testing, we can discuss and negotiate how to charge you, but I propose that we split the initial testing costs on these 10 samples equally between ALS Chemex and Archer Cathro.

Our last point of concern is with the samples that are very high in pyrobitumen. The high organics tend to foul the standard pulverizing equipment. So, I propose that you identify the known high organics samples upon submission and we shall tend to their prep separately. It is likely that we may apply a nominal cleaning surcharge to cover the acetone rinsing of the pulverizers that will likely be necessary. Again, we shall work closely with you on these special issues. Our sample prep manager has already been advised of the potential problems here and he is prepared to do what is necessary to achieve a good pulverization and control the problems caused by the organics. We anticipate no major problem with the organics on the analytical side, but here is where the XRF based techniques may be optimum.

STORAGE OF PULPS AND REJECT POLICY

Materials that have been submitted for analysis are retained at our laboratories for a limited time only. The prepared master pulps are stored free of charge for 90 days from the time that we issue the final certificate of analysis. Coarse and fine reject fractions are stored free of charge for the first 90 days*, except for large reject fractions (>3kg) which are stored for a nominal charge of CAD\$1.00 per sample per month.

Monthly charges will be levied for storage of prepared master pulps, coarse and fine reject fractions beyond the first 90 days:

0-3 Kg rejects CAD\$0.30 per sample per month

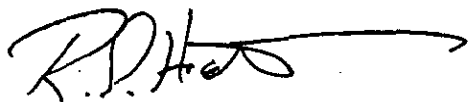
Pulps & +/- 80 mesh soils CAD\$0.15 per sample per month

**Within 90 days, you can request the return of your pulps and/or reject to your local storage facility or disposal at a locally controlled disposal facility. Please call for rates for return or disposal of samples, if applicable.*

Thank you for the continued opportunity to serve Archer Cathro. We also value the experience of such complex projects; we shall all be better off for the experience, and hopefully you are able to identify an important resource in the adventure!

Please contact me if you have any questions with regard to this quotation. I can be reached at any time on my mobile phone (775 742 5276) or in the Reno laboratory (775 356 5395). Happy Holidays and Best Wishes for the New Year. I hope all continues to go well for Archer Cathro in the New Year!

Best regards,



Patrick Highsmith
Chief Geochemist
Patrick.Highsmith@alschemex.com

**Quotation PH304F.02Q prepared for
Alan Archer - Archer Cathro & Assoc. (1981) Ltd.**

ALS Chemex Code	Description	Price Per Sample	Discounted Price Per Sample
BAT-01	Processing fee for each batch of samples submitted.	\$ 30.00 per batch	\$ 22.50 per batch
SAMPLE PREPARATION			
PREP-31	Log sample in tracking system. Dry, crush entire rock chip or drill sample, pulverize approx. 250 grams to 85% passing 75 micron.	\$ 6.00 + \$ 0.25 / kg	\$ 4.50 + \$ 0.19 / kg
Special Prep	Special ring mill cleaning surcharge for very high organics samples. Acetone rinse and sand wash. Applied at discretion of prep manager in concert with client contact.	\$ 2.00	\$ 1.50
ANALYTICAL			
ME-MS61 Special	47 Elements by HF-HClO ₄ -HNO ₃ digestion and HCl leach. Pre-screening samples for Ge and Ga using this multielement method. Specially modified digestion procedures, taking sample completely to dryness before leaching residue. Older Canadian version of method.	\$ 28.00	\$ 21.00
XRF Assay Ge & Ga	Option 1: Pressed pellet XRF analysis for assay grade Ge and Ga. Reporting Limit (0.01%). ** Method development required because of lack of suitable standards. NON-DISCOUNTABLE pending development work**	\$ 18.00	N/A**
"Super Acid" Assay Ge & Ga	Option 2: Ore grade determination for Ge and Ga by multi-acid digestion using "Super Acid" mixture: HF-H ₃ PO ₄ -HNO ₃ finished by ICP-OES. Reporting limit 0.01%. ** Method development required because of lack of suitable standards. NON-DISCOUNTABLE pending development work**	\$ 15.00	N/A**
Ge - IC32 (Assay) Ga - MS62 (Assay)	Option 3: Ore grade determination for Ge and Ga by extended range versions of existing geochem methods. Ge by HF-HNO ₃ -HCl digestion in closed tube followed by ICP-OES determination. Ga by HF-HClO ₄ -HNO ₃ digestion and HCl leach and ICP-MS Analysis. Reporting limit 0.01 %.	\$ 18.00	\$ 13.50

Range of Elements and Reporting Limits Reported from Ultratrace Package

ME-MS61 – Elements and ranges (ppm)							
Ag	0.02-100	Cu	0.2-10,000	Na	0.01%-10%	Ta	0.05-100
Al	0.01%-25%	Fe	0.01%-25%	Nb	0.1-500	Te	0.05-500
As	0.2-10,000	Ga	0.05-500	Ni	0.2-10,000	Th	0.2-500
Ba	0.5-10,000	Ge	0.05-500	P	10-10,000	Ti	0.01%-10%
Be	0.05-1000	Hf	0.1-500	Pb	0.5-10,000	Tl	0.02-500
Bi	0.01-10,000	In	0.005-500	Rb	0.1-500	U	0.1-500
Ca	0.01%-25%	K	0.01%-10%	Re	0.002-50	V	1-10,000
Cd	0.02-500	La	0.5-500	S	0.01%-10%	W	0.1-10,000
Ce	0.01-500	Li	0.2-500	Sb	0.05-1,000	Y	0.1-500
Co	0.1-10,000	Mg	0.01%-15%	Se	1-1,000	Zn	2-10,000
Cr	1-10,000	Mn	5-10,000	Sn	0.2-500	Zr	0.5-500
Cs	0.05-500	Mo	0.05-10,000	Sr	0.2-10,000		

APPENDIX IV
CERTIFICATES OF ANALYSIS



ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
 ALS Canada 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

Page #: 1
 Date: 26-Feb-2003
 Account: MTT

CERTIFICATE VA03003432

Project : Pro
 P.O. No:
 This report is for 16 SOIL samples submitted to our lab in North Vancouver, BC, Canada on 3-Feb-2003.
 The following have access to data associated with this certificate:
 AL ARCHER
 BILL WENGZYNOWSKI

SAMPLE PREPARATION

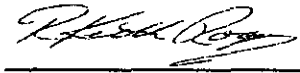
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
WSH-22	"Wash" pulverizers

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS61	47 element four acid ICP-MS	
ME-ICP61i	ICP-AES elements for ME-MS61	ICP-AES
ME-MS61i	ICP-MS elements for ME-MS61	ICP-MS

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

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

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LIMITED

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

Project : Pro

Page #: 2 - A
jes : 2 (A - D)
Date : 26-Feb-2003
Account: MTT

CERTIFICATE OF ANALYSIS VA03003432

Method Analyte Units LOR	WEI-21 Recvd Wt kg	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm	ME-MS61 Fe %
Sample Description	0.02	0.01	0.01	0.2	0.5	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
T18651	0.42	0.14	7.51	14.2	3010	1.97	0.36	0.77	2.80	46.0	11.4	55	6.93	64.0	3.53
T18652	0.30	0.20	6.15	13.1	6450	1.89	0.15	0.62	2.43	37.3	10.2	56	5.98	46.5	3.12
T18653	0.66	0.15	3.34	<5.0	4140	1.05	0.08	13.35	2.39	27.3	6.5	28	3.20	18.2	1.54
T18654	0.54	0.08	5.86	14.2	2110	1.90	0.16	0.35	2.26	42.0	12.8	48	5.20	35.7	3.02
T18655	0.38	0.11	5.71	10.6	2880	1.42	0.15	0.36	3.82	35.4	14.7	49	5.63	16.6	3.13
T18688	0.48	0.44	7.25	18.5	4330	2.95	0.30	0.83	8.63	21.6	4.1	69	9.20	45.7	2.55
T18689	0.36	0.07	6.33	13.5	1790	1.91	0.23	0.39	2.30	43.5	12.5	55	5.79	30.3	3.23
T18690	1.12	0.16	4.12	6.0	3380	1.28	0.10	11.00	3.38	28.9	9.1	35	3.93	33.7	2.01
T18691	0.86	0.16	1.36	<5.0	3480	0.46	0.03	23.4	3.25	10.40	3.9	8	1.24	11.1	0.70
T18692	0.64	0.14	3.55	8.7	5010	1.17	0.08	7.55	2.06	27.6	7.5	33	2.85	17.2	1.65
T18693	0.34	0.15	3.48	7.5	3920	1.23	0.12	8.23	2.25	25.1	7.6	34	2.76	18.2	1.58
T18694	0.36	0.20	5.13	9.5	6730	1.40	0.16	0.59	2.11	32.3	10.8	46	4.61	12.8	2.92
T18695	0.32	0.10	6.77	16.6	3500	2.25	0.18	0.38	0.81	53.8	13.8	60	5.99	32.9	3.59
T18696	0.52	0.14	5.39	14.6	3880	1.92	0.14	3.89	1.39	42.4	13.6	47	6.42	37.1	2.69
T18697	0.40	0.15	5.15	13.4	4910	1.64	0.14	0.46	2.92	38.8	12.2	49	4.86	24.4	2.86
T18698	0.42	0.14	2.83	<5.0	3250	0.96	0.06	15.80	2.26	23.7	6.4	29	2.72	23.8	1.34

Comments: Interference: Ca>10% on ICP-MS As, ICP-AES results shown. REE's may not be totally soluble in MS61 method. As results may be inaccurate in MS61 due to special digestion



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada 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

Page #: 2 - B
Pages: 2 (A - D)
Date: 26-Feb-2003
Account: MTT

Project: Pro

CERTIFICATE OF ANALYSIS VA03003432

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Ga ppm 0.05	Ge ppm 0.05	Hf ppm 0.1	In ppm 0.005	K % 0.01	La ppm 0.5	Li ppm 0.2	Mg % 0.01	Mn ppm 5	Mo ppm 0.05	Na % 0.01	Nb ppm 0.1	Ni ppm 0.2	P ppm 10	Pb ppm 0.5
T18651		19.25	3.57	2.1	0.055	2.43	25.6	26.8	0.89	218	11.60	0.36	8.8	117.0	410	39.1
T18652		16.65	7.14	1.8	0.055	1.97	20.6	29.6	0.71	184	11.75	0.30	7.2	76.0	420	113.0
T18653		8.96	4.05	0.9	0.028	1.05	18.7	31.3	0.41	165	5.59	0.11	4.5	28.6	230	337
T18654		15.40	4.42	1.8	0.045	1.86	22.9	28.6	0.58	237	11.60	0.31	8.8	47.8	270	283
T18655		16.00	2.32	1.5	0.046	1.91	19.2	28.0	0.57	562	8.37	0.31	8.5	28.7	390	84.2
T18688		24.6	10.15	2.8	0.041	3.40	10.8	36.8	0.70	49	22.8	0.12	16.0	34.9	890	262
T18689		16.80	3.59	1.8	0.054	2.00	23.4	27.9	0.62	283	12.55	0.35	8.6	40.5	430	77.4
T18690		10.20	4.76	1.2	0.032	1.34	16.6	26.4	1.00	166	8.99	0.13	5.6	44.3	310	132.0
T18691		4.04	1.72	0.4	0.015	0.47	6.1	14.9	0.38	130	3.90	0.05	2.0	11.6	120	333
T18692		8.67	1.98	1.0	0.030	1.15	16.2	23.3	1.10	158	9.72	0.15	5.3	35.5	300	134.5
T18693		8.21	1.78	1.0	0.026	1.16	14.8	21.3	1.09	148	9.04	0.14	5.2	39.0	310	124.5
T18694		13.30	2.74	1.4	0.039	1.55	18.6	31.8	0.55	417	8.16	0.33	8.1	32.4	340	136.0
T18695		18.10	2.98	2.1	0.053	2.23	30.0	32.0	0.76	261	11.85	0.40	10.2	57.3	310	79.4
T18696		15.65	2.37	1.7	0.045	1.78	24.8	29.0	0.77	215	12.25	0.21	7.4	77.6	360	62.1
T18697		14.75	6.19	1.6	0.051	1.63	21.6	39.3	0.53	264	9.48	0.25	7.6	43.7	240	155.5
T18698		7.51	3.52	0.9	0.027	0.94	17.1	23.9	0.57	143	8.09	0.09	4.2	35.1	270	148.5

Comments: Interference: Ca>10% on ICP-MS As, ICP-AES results shown. REE's may not be totally soluble in MS61 method.
As results may be inaccurate in MS61 due to special digestion



ALS Chemex

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

Page #: 2 - C
ges : 2 (A - D)
Date : 26-Feb-2003
Account: MTT

Project : Pro

CERTIFICATE OF ANALYSIS VA03003432

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Rb ppm 0.1	Re ppm 0.002	S % 0.01	Sb ppm 0.05	Se ppm 1	Sn ppm 0.2	Sr ppm 0.2	Ta ppm 0.05	Te ppm 0.05	Th ppm 0.2	Ti % 0.01	Tl ppm 0.02	U ppm 0.1	V ppm 1	W ppm 0.1
T18651		124.5	0.008	0.13	2.04	3	2.3	81.9	0.68	0.10	9.9	0.32	1.78	5.6	237	1.0
T18652		105.5	0.005	0.15	1.65	3	1.9	203	0.58	0.08	8.5	0.25	1.73	4.6	203	0.8
T18653		54.5	0.005	0.13	1.02	2	1.1	285	0.30	<0.05	4.9	0.14	1.02	3.4	96	0.5
T18654		98.9	0.003	0.04	1.68	2	1.8	50.4	0.63	0.07	8.4	0.29	1.46	4.6	188	0.9
T18655		100.0	0.002	0.05	1.34	1	1.9	45.3	0.64	0.07	7.2	0.27	1.32	3.6	178	0.9
T18688		129.0	0.003	0.05	10.05	2	2.2	67.9	0.87	0.16	13.0	0.34	2.26	12.4	238	1.6
T18689		106.0	0.003	0.03	1.64	2	2.1	44.4	0.66	0.10	9.1	0.29	1.53	5.0	212	0.9
T18690		63.8	0.005	0.12	1.81	2	1.2	374	0.27	0.05	5.5	0.18	1.07	3.9	140	0.6
T18691		21.9	0.006	0.12	0.87	1	0.5	423	0.09	<0.05	1.7	0.06	0.44	3.0	49	0.2
T18692		55.6	0.006	0.15	1.48	2	1.0	280	0.32	0.06	5.2	0.15	1.18	4.0	152	0.5
T18693		53.2	0.008	0.12	1.42	2	1.0	274	0.32	0.05	4.8	0.15	1.11	4.0	153	0.5
T18694		83.2	0.003	0.13	1.50	2	1.6	150.5	0.60	0.07	6.9	0.22	1.25	3.8	164	0.8
T18695		114.0	0.004	0.06	1.98	2	2.1	68.2	0.77	0.11	10.4	0.31	1.53	4.6	210	1.2
T18696		102.0	0.008	0.10	2.18	2	1.8	118.5	0.50	0.09	7.9	0.25	1.65	4.7	200	0.9
T18697		90.4	0.004	0.11	1.64	2	1.7	98.8	0.59	0.08	7.4	0.23	1.31	4.0	170	0.8
T18698		47.5	0.006	0.11	1.20	2	0.9	298	0.31	0.06	4.2	0.12	0.94	3.4	104	0.4

Comments: Interference: Ca>10% on ICP-MS As, ICP-AES results shown. REE's may not be totally soluble in MS61 method.
As results may be inaccurate in MS61 due to special digestion



ALS Chemex

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Project : Pro

Page # : 2 - D

Total # : 2 (A - D)

Date : 26-Feb-2003

Account: MTT

CERTIFICATE OF ANALYSIS

VA03003432

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61
		Y ppm 0.1	Zn ppm 2	Zr ppm 0.5
T18651		12.8	2170	77.3
T18652		12.8	1945	64.2
T18653		10.2	1065	35.8
T18654		10.5	1665	68.0
T18655		7.0	519	55.1
T18688		9.0	3970	103.0
T18689		10.9	816	66.3
T18690		9.6	2260	43.9
T18691		4.2	457	14.0
T18692		9.6	770	39.9
T18693		9.1	649	35.4
T18694		8.6	677	50.6
T18695		15.2	707	78.9
T18696		12.5	555	60.3
T18697		10.4	1885	54.7
T18698		11.6	1100	33.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.
As results may be inaccurate in MS61 due to special digestion



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

Page #: 1
 Date: 27-Feb-2003
 Account: MTT

CERTIFICATE VA03003431

Project : Pro
 P.O. No:
 This report is for 62 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 3-Feb-2003.
 The following have access to data associated with this certificate:
 AL ARCHER
 BILL WENGZYNOWSKI

SAMPLE PREPARATION

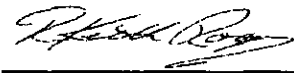
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
WSH-22	"Wash" pulverizers

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS61	47 element four acid ICP-MS	
ME-ICP61i	ICP-AES elements for ME-MS61	ICP-AES
ME-MS61i	ICP-MS elements for ME-MS61	ICP-MS
Zn-AA62	Ore grade Zn - four acid / AAS	AAS

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

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 



ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
 ALS Canada 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
 Project : Pro

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 e : 27-Feb-2003
 Account: MTT

CERTIFICATE OF ANALYSIS VA03003431

Sample Description	Method Analyte Units LOR	WEI-21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %
		0.02	0.01	0.01	0.2	0.5	0.05	0.01	0.01	0.02	0.01	1	0.05	0.2	0.01	
M11631		1.50	0.22	1.28	4.5	190.5	0.34	0.02	5.48	0.50	7.09	3.1	72	0.76	15.3	1.08
M11632		1.70	0.30	0.99	3.0	540	0.26	0.04	0.31	7.42	4.62	2.4	130	0.52	15.4	0.76
M11633		0.26	0.12	0.26	1.2	310	<0.05	<0.01	0.18	35.7	0.53	1.0	84	0.07	52.0	0.28
M11634		1.00	0.38	1.60	3.4	540	0.57	0.04	0.22	9.84	5.81	3.1	108	1.00	21.5	0.75
M11635		2.08	1.36	0.74	1.5	1130	0.20	0.19	0.03	0.94	1.86	0.7	83	0.33	11.0	0.39
M11636		3.86	0.66	1.14	5.3	1420	0.26	0.03	0.07	1.16	3.76	1.6	159	0.41	23.2	0.78
M11637		3.42	0.09	0.81	1.2	1720	0.21	0.02	0.64	0.36	3.63	1.3	121	0.50	4.8	0.55
M11638		2.94	0.42	0.48	1.0	790	0.11	0.12	0.31	6.87	1.18	1.6	134	0.20	30.5	0.44
M11639		0.62	0.95	0.56	1.2	620	0.14	0.14	0.70	3.55	1.88	1.9	114	0.35	30.6	0.48
M11640		0.58	0.58	0.24	2.0	165.0	<0.05	<0.01	0.24	70.4	0.59	1.1	146	0.08	388	0.29
M11641		0.56	0.19	0.19	0.2	520	<0.05	<0.01	0.13	43.6	0.34	0.9	137	<0.05	110.0	0.24
M11642		3.38	0.18	0.93	2.4	580	0.23	0.07	2.36	0.14	3.25	1.8	137	0.47	11.6	0.68
M11643		4.12	0.15	1.42	3.5	790	0.32	0.04	2.06	4.34	5.20	3.6	120	0.74	24.6	0.85
M11644		2.96	0.47	0.68	2.1	360	0.16	0.10	0.86	5.62	1.97	1.3	134	0.39	16.2	1.32
M11645		1.18	0.32	0.81	2.2	910	0.22	0.11	0.07	0.23	2.04	1.6	118	0.47	12.2	0.67
M11646		0.80	0.21	0.60	1.3	1070	0.16	0.02	0.04	5.07	2.28	2.3	154	0.32	49.8	0.60
M11647		0.58	2.17	0.22	4.5	66.6	<0.05	0.11	0.10	151.5	0.15	1.4	110	0.07	1070	0.24
M11648		0.60	0.24	0.22	0.5	350	<0.05	<0.01	1.47	34.0	0.54	0.8	131	0.05	215	0.23
M11649		0.62	0.10	0.25	0.4	1490	0.05	<0.01	1.34	8.85	1.92	0.6	102	0.09	51.3	0.24
M11650		2.30	0.45	1.28	2.8	320	0.40	0.12	0.07	32.2	4.20	3.7	124	1.02	67.4	0.86
M11651		1.14	0.57	0.58	2.6	4390	0.15	0.11	0.04	0.85	1.92	0.6	184	0.24	85.6	0.53
M11652		0.72	0.50	0.40	3.6	1420	0.08	0.06	0.33	33.0	1.40	1.7	136	0.18	200	0.38
M11653		1.74	0.16	0.30	0.9	5010	0.05	<0.01	0.07	4.68	0.69	0.6	200	0.10	45.4	0.34
M11654		4.24	1.71	0.41	5.0	560	0.08	0.10	0.04	36.4	1.00	0.9	110	0.16	460	0.35
M11655		1.82	2.41	4.46	15.0	6150	1.70	0.19	2.60	1.02	5.68	2.1	42	4.31	5.1	1.44
M11656		1.56	0.28	0.58	4.0	4130	0.14	0.01	0.08	4.25	1.60	0.5	136	0.29	19.4	0.47
M11657		3.02	0.10	1.10	6.8	4480	0.26	0.01	0.08	0.84	4.43	0.9	152	0.70	5.0	0.71
M11658		1.50	0.10	0.79	4.5	5250	0.18	<0.01	0.06	0.98	2.73	0.5	140	0.48	5.1	0.47
M11659		2.70	0.09	0.25	1.3	4910	0.06	<0.01	0.06	1.60	0.72	0.7	138	0.08	33.6	0.25
M11660		1.74	0.08	0.16	1.8	179.5	<0.05	<0.01	4.50	68.7	2.12	2.7	49	0.05	104.5	0.11
M11661		2.32	0.46	0.26	4.7	1390	0.06	0.12	0.15	27.7	0.81	0.8	116	0.08	507	0.23
M11662		1.12	0.18	0.17	3.7	2820	0.06	<0.01	9.47	52.7	2.09	1.6	25	0.06	206	0.11
M11663		3.66	0.35	2.35	4.4	330	0.63	0.06	0.17	0.31	7.12	5.9	31	2.07	34.3	1.73
M11664		3.94	0.45	2.53	6.2	195.5	0.77	0.11	0.07	0.45	6.86	6.9	36	2.72	43.8	1.64
M11665		2.90	0.85	5.85	13.5	174.5	1.82	0.15	0.10	1.36	13.35	14.8	73	7.03	60.2	3.23
M11666		2.44	0.48	3.21	7.8	350	0.91	0.09	0.07	0.27	14.05	6.1	83	2.60	67.6	1.75
M11667		1.28	0.08	0.34	1.6	4980	0.09	0.04	0.63	18.45	1.06	0.9	158	0.14	43.7	0.34
M11668		1.48	0.04	0.91	1.9	4800	0.20	0.02	0.10	0.09	4.15	0.8	116	0.59	5.2	0.54
M11669		2.78	0.03	0.55	3.0	4490	0.11	0.02	0.04	0.20	1.42	0.5	169	0.23	10.4	0.44
M11670		3.22	0.17	0.65	2.0	4170	0.17	0.11	0.03	0.42	2.43	0.4	162	0.28	5.2	0.41

Comments: REE's may not be totally soluble in MS61 method. As results may be inaccurate in MS61 due to special digestion.



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CERTIFICATE OF ANALYSIS **VA03003431**

Sample Description	Method Analyte Units LOR	WEI-21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %
		0.02	0.01	0.01	0.2	0.5	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
M11671		2.78	0.18	0.32	1.0	4270	0.06	<0.01	0.02	1.46	0.65	0.5	192	0.10	26.3	0.34
M11672		2.52	0.25	0.39	1.8	6420	0.06	<0.01	0.03	3.74	0.98	0.6	168	0.11	45.8	0.43
M11673		1.02	0.09	0.42	4.8	4530	0.07	0.01	0.04	1.84	1.22	0.6	182	0.23	68.0	0.43
M11674		1.36	0.05	0.43	2.6	1200	0.14	0.01	2.93	1.24	3.91	2.2	100	0.21	8.5	0.41
M11675		2.60	0.11	0.51	3.7	1200	0.14	0.02	0.58	0.90	0.94	0.6	104	0.32	11.2	0.33
M11676		2.48	4.60	0.54	2.7	67.6	0.17	0.12	0.03	178.0	0.17	0.7	4	0.49	158.5	0.19
M11677		2.64	0.07	1.78	11.8	4000	0.55	0.04	0.09	1.15	7.68	8.3	120	1.28	17.4	2.00
M11678		2.06	0.13	0.70	4.5	3770	0.23	0.01	0.03	0.74	3.01	2.0	128	0.54	12.4	0.53
M11679		2.92	0.22	5.27	16.9	3830	2.00	0.14	4.27	13.20	34.1	13.8	61	5.18	44.0	2.94
M11680		1.36	0.08	6.69	14.9	2990	1.76	0.20	0.25	2.59	34.5	11.9	68	5.84	33.2	3.58
M11681		1.16	0.18	0.56	5.2	114.0	0.14	0.02	0.50	1.13	2.27	0.8	37	0.34	33.0	0.38
M11682		2.44	0.17	0.55	5.4	131.0	0.14	0.03	0.48	1.10	2.26	0.8	38	0.34	33.2	0.38
M11683		2.04	0.22	0.75	7.7	2110	0.23	0.03	0.02	0.09	2.02	0.4	67	0.75	7.3	0.40
M11684		1.64	0.31	1.66	14.4	1190	0.85	0.06	0.16	34.9	7.38	5.6	33	1.62	63.6	2.05
M11685		2.46	0.08	0.69	1.0	3300	0.13	<0.01	0.03	3.66	2.59	0.7	44	0.34	27.2	0.29
M11686		3.86	0.79	0.27	4.2	410	0.07	<0.01	0.04	65.2	0.60	0.7	39	0.09	968	0.16
M11687		2.02	0.09	1.00	8.1	1610	0.50	0.02	0.15	0.46	4.35	1.7	74	0.90	18.8	0.59
M11688		1.68	0.09	1.28	4.5	2680	0.50	0.03	0.28	0.46	5.39	2.1	64	1.06	10.0	0.60
M11689		3.16	0.92	0.62	2.8	>10000	0.16	0.10	0.93	16.65	2.23	1.7	46	0.28	6.0	0.38
M11690		3.80	0.15	0.75	3.3	4370	0.19	0.01	1.26	1.04	2.69	2.6	36	0.45	10.8	0.40
M11691		5.14	0.89	0.49	3.7	1820	0.12	0.01	0.16	28.3	1.11	0.9	54	0.31	571	0.26
M11692		1.64	0.04	0.98	3.2	4500	0.34	0.02	0.58	3.97	3.80	2.7	63	0.43	15.7	0.69

Comments: REE's may not be totally soluble in MS61 method. As results may be inaccurate in MS61 due to special digestion.



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CERTIFICATE OF ANALYSIS VA03003431

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
Units		ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR		0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
M11631		3.99	2.52	0.3	0.005	0.53	4.5	40.9	0.12	56	1.57	0.02	2.1	19.2	100	273
M11632		3.14	3.92	0.3	0.012	0.38	3.4	51.7	0.07	21	3.46	0.02	1.7	18.0	100	589
M11633		6.28	15.25	<0.1	0.065	0.06	<0.5	53.0	0.03	21	1.71	0.02	0.3	8.6	10	7.9
M11634		5.65	4.83	0.5	0.017	0.62	3.8	60.4	0.12	20	6.65	0.03	2.4	20.7	140	486
M11635		1.77	1.21	0.2	<0.005	0.22	1.4	83.8	0.05	10	2.60	0.02	1.1	10.6	20	2960
M11636		3.14	2.42	0.3	0.008	0.45	3.6	58.8	0.07	14	2.71	0.03	1.9	13.2	50	67.9
M11637		1.70	0.68	0.2	<0.005	0.31	3.4	81.3	0.06	15	2.86	0.02	1.6	28.5	30	266
M11638		2.39	9.48	0.1	0.017	0.14	1.0	82.8	0.03	12	2.02	0.02	0.7	13.2	20	1255
M11639		2.48	6.76	0.1	0.016	0.17	1.3	98.3	0.05	12	2.00	0.02	0.9	14.6	40	3550
M11640		19.10	74.9	<0.1	0.153	0.05	<0.5	76.8	0.01	11	1.68	0.02	0.3	7.7	10	103.0
M11641		9.37	32.0	<0.1	0.099	0.02	<0.5	67.3	0.01	10	1.50	0.02	0.2	7.1	20	8.6
M11642		1.89	0.54	0.2	0.005	0.35	2.7	75.8	0.07	29	2.70	0.02	1.6	32.8	30	485
M11643		4.42	2.32	0.2	0.007	0.58	4.6	56.4	0.11	29	2.72	0.02	2.2	28.5	80	46.4
M11644		3.44	2.45	0.2	0.005	0.24	1.5	72.1	0.05	19	2.59	0.02	1.1	22.8	30	848
M11645		1.62	0.96	0.2	<0.005	0.28	1.6	76.9	0.06	13	4.31	0.02	1.2	55.0	40	1030
M11646		3.81	15.70	0.2	0.022	0.20	1.7	109.0	0.04	12	2.81	0.02	0.9	15.9	50	392
M11647		65.8	99.0	<0.1	0.420	0.03	<0.5	68.4	0.01	12	1.72	0.02	0.2	13.7	10	4970
M11648		10.70	61.9	<0.1	0.088	0.04	<0.5	67.4	0.02	18	1.85	0.02	0.1	8.3	10	67.5
M11649		4.06	19.30	<0.1	0.043	0.05	0.8	35.0	0.01	20	1.42	0.02	0.2	4.6	10	145.0
M11650		10.35	18.00	0.4	0.069	0.45	2.5	84.7	0.10	20	5.60	0.03	2.0	24.1	90	802
M11651		6.19	26.0	0.2	0.044	0.17	1.7	118.5	0.03	19	6.07	0.02	0.9	7.1	70	2130
M11652		15.60	61.5	0.1	0.135	0.09	0.9	100.5	0.02	31	5.33	0.02	0.4	14.6	50	624
M11653		4.30	12.45	<0.1	0.055	0.06	0.7	87.3	0.01	15	3.51	0.02	0.3	5.9	20	272
M11654		50.4	97.9	0.1	0.265	0.05	0.7	91.3	0.02	21	3.68	0.02	0.5	11.8	40	2080
M11655		17.85	7.19	1.4	0.022	1.85	3.7	33.9	0.44	39	27.3	0.06	6.5	12.7	220	1900
M11656		5.83	5.91	0.1	0.023	0.20	1.4	75.0	0.03	15	3.59	0.02	0.9	4.7	40	331
M11657		3.24	2.81	0.3	0.005	0.41	3.7	87.9	0.08	17	2.34	0.03	1.6	6.0	60	198.0
M11658		2.25	3.11	0.2	<0.005	0.30	2.4	76.0	0.06	13	1.26	0.02	0.9	5.7	80	72.0
M11659		7.45	28.6	<0.1	0.051	0.04	0.6	78.7	0.01	33	1.54	0.02	0.2	3.9	50	47.4
M11660		8.07	51.6	<0.1	0.068	0.02	0.8	63.3	0.01	80	0.62	0.02	0.1	10.2	20	123.0
M11661		34.2	59.0	<0.1	0.232	0.04	0.5	96.0	0.01	23	1.22	0.02	0.2	4.9	40	1015
M11662		12.30	88.9	<0.1	0.092	0.03	1.2	59.4	0.05	62	0.91	0.02	0.2	4.7	20	317
M11663		5.45	0.74	0.7	0.012	0.82	3.9	44.1	0.23	24	6.08	0.06	3.2	41.9	250	45.7
M11664		6.73	1.04	0.9	0.024	1.05	3.2	34.7	0.19	21	18.90	0.06	3.4	48.7	190	28.7
M11665		19.75	1.96	1.6	0.078	2.70	6.3	31.1	0.47	39	24.7	0.18	7.7	81.0	240	52.6
M11666		8.94	0.96	1.0	0.025	1.33	7.8	48.2	0.23	27	27.4	0.08	3.9	48.6	170	36.4
M11667		2.95	16.35	0.1	0.044	0.06	1.0	68.3	0.24	82	6.43	0.02	0.3	13.4	150	5.8
M11668		1.78	0.28	0.2	<0.005	0.37	3.7	89.7	0.07	15	0.97	0.02	1.4	6.4	70	12.6
M11669		1.72	2.48	0.1	0.015	0.19	1.3	83.4	0.03	13	2.48	0.02	0.7	4.2	30	83.7
M11670		2.22	1.51	0.1	0.009	0.23	2.3	102.0	0.04	13	1.46	0.02	1.0	3.7	50	925

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 Account: MTT

Project : Pro

CERTIFICATE OF ANALYSIS VA03003431

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ga ppm 0.05	Ge ppm 0.05	Hf ppm 0.1	In ppm 0.005	K % 0.01	La ppm 0.5	Li ppm 0.2	Mg % 0.01	Mn ppm 5	Mo ppm 0.05	Na % 0.01	Nb ppm 0.1	Ni ppm 0.2	P ppm 10	Pb ppm 0.5
M11671		4.16	7.89	0.1	0.045	0.08	0.7	74.0	0.01	12	2.59	0.02	0.4	3.9	30	79.1
M11672		9.63	10.60	0.1	0.130	0.11	1.0	56.3	0.01	15	2.31	0.02	0.4	4.9	40	128.0
M11673		6.72	14.80	0.1	0.079	0.12	1.1	70.4	0.01	17	2.36	0.02	0.4	5.1	70	79.8
M11674		0.98	0.78	0.1	0.016	0.13	1.5	78.9	0.04	93	2.50	0.02	0.6	11.8	40	12.2
M11675		3.91	5.54	0.1	0.026	0.19	0.6	66.2	0.04	24	7.03	0.02	0.8	3.4	50	190.0
M11676		58.8	37.1	0.1	0.006	0.18	<0.5	39.1	0.05	9	2.98	0.02	0.7	3.0	50	6400
M11677		5.04	4.51	0.5	0.030	0.69	5.2	76.5	0.14	94	27.4	0.03	2.5	60.6	160	211
M11678		5.25	6.72	0.2	0.063	0.24	2.3	86.7	0.05	36	12.40	0.02	1.1	5.8	70	156.0
M11679		14.90	4.03	1.5	0.045	1.70	19.2	24.8	1.46	252	16.95	0.19	7.4	73.6	400	99.3
M11680		16.85	2.89	1.7	0.053	2.02	19.2	25.2	0.81	211	14.40	0.32	8.1	38.8	390	233
M11681		10.45	17.00	0.2	0.062	0.17	1.2	79.9	0.04	27	6.70	0.02	1.0	4.5	50	23.2
M11682		10.20	16.60	0.1	0.058	0.17	1.3	84.7	0.04	27	6.58	0.02	1.0	4.5	40	23.8
M11683		2.77	7.17	0.2	0.018	0.27	1.5	100.5	0.05	11	9.88	0.02	1.2	3.5	70	500
M11684		5.25	5.32	0.4	0.028	0.69	2.9	54.1	0.15	85	12.90	0.03	1.9	29.2	590	234
M11685		4.72	7.02	0.2	0.009	0.26	2.0	72.1	0.03	15	2.56	0.02	0.9	3.1	100	35.6
M11686		73.8	54.8	<0.1	0.507	0.04	<0.5	122.0	0.01	12	1.26	0.02	0.2	3.4	20	347
M11687		3.28	3.21	0.4	0.018	0.39	3.3	78.8	0.08	35	20.8	0.03	1.9	20.1	70	30.3
M11688		2.89	2.13	0.5	0.009	0.47	3.8	77.1	0.10	17	9.30	0.03	2.0	12.0	60	33.9
M11689		9.96	9.30	0.2	0.024	0.24	1.8	50.0	0.05	34	3.49	0.02	0.9	6.1	60	1465
M11690		2.37	1.67	0.2	0.006	0.25	2.1	103.0	0.06	33	2.42	0.02	0.8	16.0	70	238
M11691		29.7	91.0	0.1	0.181	0.10	0.7	107.5	0.03	18	10.75	0.02	0.4	5.7	30	435
M11692		1.34	4.81	0.2	0.005	0.24	2.7	117.5	0.06	28	3.88	0.03	0.9	27.7	70	149.0

Comments: REE's may not be totally soluble in MS61 method. As results may be inaccurate in MS61 due to special digestion.



ALS Chemex

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ALS Canada Ltd.

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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

Page #: 2 - C
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CERTIFICATE OF ANALYSIS VA03003431

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Rb ppm 0.1	Re ppm 0.002	S % 0.01	Sb ppm 0.05	Se ppm 1	Sn ppm 0.2	Sr ppm 0.2	Ta ppm 0.05	Te ppm 0.05	Th ppm 0.2	Tl % 0.01	Ti ppm 0.02	U ppm 0.1	V ppm 1	W ppm 0.1
M11631		18.4	0.019	1.15	1.60	1	0.5	249	0.11	0.06	1.0	0.05	0.44	3.6	28	0.3
M11632		11.7	0.018	0.74	1.58	2	0.5	1180	0.09	0.05	1.0	0.05	0.48	4.6	28	0.6
M11633		1.7	0.010	0.83	0.97	2	0.8	2580	<0.05	<0.05	<0.2	0.01	0.15	3.5	5	0.1
M11634		22.1	0.028	0.65	1.86	2	0.6	1975	0.19	0.06	1.1	0.07	0.71	5.8	40	0.7
M11635		7.1	0.008	0.28	2.31	3	0.4	2550	0.12	<0.05	0.5	0.03	0.21	2.4	24	0.5
M11636		12.0	0.022	0.43	1.16	1	0.5	103.5	0.24	0.05	0.9	0.05	0.45	2.0	21	0.6
M11637		9.4	0.018	0.54	0.78	1	0.4	126.0	0.08	<0.05	0.8	0.04	0.27	3.5	67	0.5
M11638		4.2	0.012	0.33	0.91	2	0.4	618	<0.05	<0.05	0.4	0.02	0.17	4.5	15	0.5
M11639		6.0	0.013	0.48	2.26	4	0.5	332	0.05	<0.05	0.4	0.03	0.21	2.4	16	0.5
M11640		1.4	0.009	1.61	1.80	4	1.4	291	<0.05	<0.05	<0.2	0.01	0.15	1.4	5	1.0
M11641		0.6	0.010	0.67	0.77	2	1.0	595	<0.05	<0.05	<0.2	<0.01	0.09	1.8	3	0.5
M11642		10.6	0.017	0.69	0.89	1	0.4	137.0	0.08	0.05	0.7	0.04	0.31	4.1	52	0.5
M11643		17.4	0.025	0.94	1.54	2	0.5	221	0.09	0.05	1.1	0.06	0.53	3.1	34	0.5
M11644		7.4	0.013	1.45	2.60	2	0.4	593	0.06	<0.05	0.6	0.03	0.33	5.0	34	0.5
M11645		8.9	0.016	0.67	1.50	1	0.4	446	0.14	0.05	0.7	0.04	0.24	4.4	119	0.7
M11646		6.6	0.018	0.63	0.97	1	0.5	44.4	0.13	<0.05	0.7	0.03	0.28	1.6	14	0.6
M11647		0.8	0.016	4.00	4.14	14	2.6	186.5	<0.05	<0.05	<0.2	<0.01	0.19	4.7	13	2.1
M11648		0.8	0.011	0.86	0.85	3	0.7	140.0	<0.05	<0.05	<0.2	<0.01	0.08	3.8	5	0.8
M11649		1.5	0.003	0.26	0.46	1	0.5	724	<0.05	<0.05	0.2	0.01	0.05	3.0	4	0.5
M11650		17.4	0.019	1.41	1.90	3	1.0	1390	0.21	<0.05	0.9	0.06	0.52	5.1	43	0.7
M11651		5.1	0.013	0.19	1.86	2	0.6	105.5	0.16	<0.05	0.7	0.03	0.12	2.8	22	0.8
M11652		2.9	0.012	0.11	1.55	4	1.0	34.8	<0.05	<0.05	0.3	0.01	0.15	2.8	15	0.8
M11653		1.7	0.005	0.17	0.81	1	1.0	259	<0.05	<0.05	0.2	0.01	0.06	1.4	15	0.6
M11654		2.2	0.015	0.64	3.80	5	1.3	780	0.09	<0.05	0.2	0.01	0.15	2.9	18	0.9
M11655		68.4	0.004	0.06	12.45	1	0.9	827	0.46	0.06	2.3	0.20	1.00	8.5	96	0.9
M11656		6.0	0.009	0.15	1.34	1	0.7	39.2	0.07	<0.05	0.8	0.03	0.16	3.0	16	0.2
M11657		13.2	0.008	0.17	1.42	1	0.4	129.0	0.17	<0.05	1.3	0.05	0.21	1.9	25	0.5
M11658		9.9	0.012	0.19	1.02	1	0.4	111.0	0.24	<0.05	1.1	0.03	0.19	1.5	22	0.2
M11659		1.3	0.005	0.14	0.64	1	0.6	71.5	0.05	<0.05	0.2	0.01	0.03	1.5	4	0.8
M11660		0.6	0.006	0.02	0.25	8	0.3	23.0	<0.05	<0.05	0.2	<0.01	0.07	1.7	2	0.2
M11661		1.2	0.009	0.52	1.01	4	1.6	20.9	<0.05	<0.05	0.2	0.01	0.04	2.6	5	1.3
M11662		1.0	0.008	0.12	0.56	4	0.7	218	0.05	<0.05	0.2	<0.01	0.05	2.5	4	0.8
M11663		33.6	0.018	0.82	2.06	2	0.8	934	0.32	0.07	1.1	0.12	0.88	5.1	89	0.6
M11664		43.4	0.022	1.61	2.57	2	0.9	379	0.30	0.07	1.2	0.12	1.19	5.3	134	0.8
M11665		112.5	0.036	3.26	5.58	5	2.2	69.5	0.65	0.11	4.2	0.25	2.65	7.0	244	1.6
M11666		50.4	0.035	1.69	3.33	3	1.2	266	0.40	0.10	2.5	0.14	1.62	5.6	188	0.9
M11667		2.2	0.028	0.10	0.56	2	0.8	829	<0.05	<0.05	0.7	0.01	0.19	2.4	27	0.6
M11668		12.6	0.010	0.15	0.18	1	0.4	107.0	0.07	<0.05	1.1	0.03	0.15	1.5	18	0.2
M11669		5.5	0.015	0.15	0.29	1	0.4	318	0.05	<0.05	0.6	0.02	0.13	3.3	10	0.5
M11670		6.2	0.008	0.16	0.53	1	0.5	242	0.06	<0.05	0.7	0.03	0.16	1.8	12	0.2

Comments: REE's may not be totally soluble in MS61 method. As results may be inaccurate in MS61 due to special digestion.



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Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Rb ppm 0.1	Re ppm 0.002	S % 0.01	Sb ppm 0.05	Se ppm 1	Sn ppm 0.2	Sr ppm 0.2	Ta ppm 0.05	Te ppm 0.05	Th ppm 0.2	Ti % 0.01	Tl ppm 0.02	U ppm 0.1	V ppm 1	W ppm 0.1
M11671		2.0	0.003	0.11	0.40	1	0.7	52.5	<0.05	<0.05	0.3	0.01	0.04	2.2	5	0.5
M11672		2.7	0.007	0.15	0.84	1	1.1	62.8	0.05	<0.05	0.4	0.01	0.06	1.8	6	0.5
M11673		2.9	0.005	0.09	1.48	1	1.0	25.6	<0.05	<0.05	0.4	0.01	0.06	1.5	8	0.6
M11674		4.6	0.011	0.03	0.40	1	0.4	54.6	0.06	<0.05	0.6	0.02	0.10	2.4	9	0.4
M11675		6.5	0.003	0.04	1.57	1	0.5	23.4	<0.05	<0.05	0.6	0.02	0.07	2.3	15	0.4
M11676		7.5	0.007	2.33	16.65	6	0.3	1875	<0.05	<0.05	<0.2	0.02	0.27	1.8	14	0.2
M11677		23.2	0.004	0.12	3.70	1	0.7	58.4	0.10	0.05	2.2	0.08	0.26	4.2	43	0.4
M11678		9.9	0.006	0.11	1.32	1	0.8	84.1	0.07	<0.05	1.4	0.03	0.19	3.7	18	0.5
M11679		91.7	0.011	0.12	2.83	3	1.8	145.5	0.40	0.08	8.1	0.21	2.09	5.8	238	0.8
M11680		110.0	0.003	0.05	1.74	2	2.0	73.5	0.62	0.08	8.2	0.28	1.50	4.6	200	0.9
M11681		5.8	0.005	0.05	0.55	1	0.6	5.6	0.05	<0.05	0.7	0.02	0.10	2.1	15	0.2
M11682		5.4	0.004	0.05	0.56	1	0.6	6.2	<0.05	<0.05	0.6	0.02	0.10	2.1	14	0.2
M11683		9.6	0.005	0.08	1.80	1	0.4	26.6	0.06	<0.05	0.9	0.03	0.23	2.5	21	0.2
M11684		25.4	0.003	0.03	5.64	5	0.6	21.1	0.19	<0.05	3.1	0.05	0.38	3.3	49	0.3
M11685		7.5	0.004	0.09	1.35	1	0.3	1540	0.09	<0.05	0.8	0.03	0.12	2.7	17	0.1
M11686		1.4	0.015	1.39	0.70	6	2.5	56.4	<0.05	<0.05	0.2	0.01	0.10	3.4	5	2.1
M11687		15.8	0.028	0.11	1.94	3	0.7	39.7	0.11	0.09	2.8	0.05	0.28	6.7	165	0.6
M11688		16.8	0.008	0.10	1.70	2	0.6	56.0	0.15	0.10	2.6	0.06	0.33	4.1	142	0.5
M11689		6.9	0.005	0.03	7.95	2	0.6	1280	0.05	<0.05	0.6	0.02	0.15	2.5	15	0.1
M11690		8.7	0.004	0.20	0.56	1	0.3	84.9	0.06	<0.05	0.7	0.03	0.19	1.3	83	0.2
M11691		3.7	0.008	0.23	2.77	3	0.9	164.5	<0.05	<0.05	0.3	0.01	0.10	4.8	12	0.9
M11692		7.3	0.011	0.19	0.42	1	0.3	82.8	0.08	<0.05	0.7	0.03	0.15	5.1	15	0.2

Comments: REE's may not be totally soluble in MS61 method. As results may be inaccurate in MS61 due to special digestion.



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Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	Zn-AA62
		Y ppm 0.1	Zn ppm 2	Zr ppm 0.5	Zn % 0.01
M11631		2.5	207	11.0	
M11632		0.8	3270	9.6	
M11633		0.3	>10000	1.5	1.56
M11634		1.2	4150	16.5	
M11635		0.5	399	5.8	
M11636		0.5	519	9.4	
M11637		0.7	138	5.7	
M11638		0.4	2900	2.6	
M11639		0.6	1630	3.9	
M11640		0.2	>10000	1.4	3.33
M11641		0.2	>10000	2.1	1.79
M11642		0.8	61	6.6	
M11643		0.9	1560	7.3	
M11644		0.9	2070	6.4	
M11645		0.7	74	7.7	
M11646		0.5	2840	6.9	
M11647		0.1	>10000	1.2	6.17
M11648		0.2	>10000	0.8	1.60
M11649		0.6	4580	1.5	
M11650		1.2	>10000	15.0	1.28
M11651		0.5	394	5.8	
M11652		0.6	>10000	2.3	1.70
M11653		0.3	1075	2.0	
M11654		0.5	>10000	3.3	1.83
M11655		3.5	1085	49.6	
M11656		0.5	1430	5.5	
M11657		0.9	421	11.9	
M11658		0.6	416	7.7	
M11659		0.4	1765	1.6	
M11660		1.5	>10000	1.0	8.14
M11661		0.3	>10000	1.4	2.02
M11662		1.9	>10000	1.4	2.71
M11663		4.2	111	25.5	
M11664		2.9	144	32.4	
M11665		5.6	495	61.8	
M11666		2.9	99	36.0	
M11667		1.7	7350	2.4	
M11668		1.0	31	7.0	
M11669		0.3	97	4.8	
M11670		0.3	273	5.4	

Comments: REE's may not be totally soluble in MS61 method. As results may be inaccurate in MS61 due to special digestion.



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Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	Zn-AA62
		Y	Zn	Zr	Zn
		ppm 0.1	ppm 2	ppm 0.5	% 0.01
M11671		0.2	991	2.1	
M11672		0.2	2560	3.1	
M11673		0.3	2120	3.2	
M11674		2.6	111	4.8	
M11675		0.7	1090	4.3	
M11676		0.5	>10000	5.0	4.96
M11677		2.4	1345	18.4	
M11678		0.8	370	9.3	
M11679		13.8	3350	56.3	
M11680		9.3	1075	62.5	
M11681		1.0	1915	5.4	
M11682		0.9	1840	5.1	
M11683		0.5	93	8.1	
M11684		4.4	>10000	17.9	1.23
M11685		0.6	3280	6.3	
M11686		0.2	>10000	1.3	3.36
M11687		1.5	192	19.0	
M11688		2.0	190	20.2	
M11689		0.9	7420	6.0	
M11690		1.5	231	6.6	
M11691		0.5	>10000	3.1	1.53
M11692		1.3	1890	5.9	

Comments: REE's may not be totally soluble in MS61 method. As results may be inaccurate in MS61 due to special digestion.

APPENDIX V
DETAILED SAMPLE DESCRIPTIONS

Rock Sample Descriptions

Project:

PROPAET

Property:

PRO.

Page 1 of

Sample Number:	Grid North:	N	Grid East:	E	Type:	Dimension:
	UTM:		UTM:	E	Sample Width:	Abundance:
	Elevation:	m				
M11631	DDH 21 62.8-63.85m					
Comments:	DIRTY GREY-BLACK WEAKLY SILICA ALTERED FOSSILIFEROUS DUNEDIN FM Limestone (STILL Y. CALCAEDUS) WEAK SECONDARY CARBONATE / IDIOMORPHIC STRINGERS. Limestone matrix mineralized with fine blebby galena and pyrite (sporadic < 1%). Some graphite on fractures - NO BITUMEN.					
M11632	DDH 21 63.85-64.98m					
Comments:	SAME AS ABOVE BUT NON-CALCAEDUS (stronger Si alteration). Last 0.6m WAS split in 1990 (?) BUT NO RESULTS WERE REPORTED.					
M11633	DDH 21 64.98-65.3m					
Comments:	SAME AS 632↑ BUT WELL MINERALIZED WITH RED-BROWN SPHAPERITE (10%) SECONDARY CARBONATE / BARITE STRINGERS MODERATELY ABUNDANT BUT NOT MINERALIZED					
M11634	DDH 21 65.3-65.9m					
Comments:	PYRITIC BLACK SILICA ALTERED DUNEDIN FM. LMSST MODERATE CARBONATE FILLED FRACTURES + STRINGERS. NO SULPHIDE (SPHAPERITE) OBSERVED.					
M11635	DDH 20 2.1-3.65m					
Comments:	MED GREY FOSSILIFEROUS LMSST. - WEAK TO MOD SILICA ALTERED. ABUNDANT WHITE CARBONATE / BARITE HEALED BRILL ZONES AND STRINGERS. SOME BLEBBY GALENA AND VITREOUS BITUMEN. IN CARBONATE ZONES @ 2.9m.					
M11636	DDH 20 3.65-6.40m					
Comments:	BLACK SILICA ALTERED DUNEDIN LMSST. Minor fine spotty pyrite cubes WEAK CLEAR AND WHITE Qtz stringers. @ 5.15m: Minor feathered bank AND MODERATE Bitumen (5.15-5.40)					

Rock Samples Descriptions

Project:

PREMET

Property:

PRE

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Sample Number:	Grid North:	DDH 18	N	Grid East:	E	Type:	Dimension:			
M11637	UTM:	11.0 - 13.4m	N	UTM:	E	Sample Width:	Abundance:			
	Elevation:		m							
Comments:	GREY-BLACK SILICA ALTERED fossiliferous Lmst. Moderately brecciated but competent. MODERATE BITUMEN IN FRACTURES AND ASSOCIATED WITH secondary calcite fracture fillings. SOME graphite present AND MINOR galena. BITUMEN HIGH FROM 11.0 - 12.36m									
Sample Number:	Grid North:	DDH 18	N	Grid East:	E	Type:	Dimension:			
M11638	UTM:	13.4 - 16.8m	N	UTM:	E	Sample Width:	Abundance:			
	Elevation:		m							
Comments:	GREY-BLACK silica altered Dunedin Lmst. ~1% blebby galena cubes in matrix plus in 2 nd any WHITE dolomitic AND/OR white stringers AND pods. v. little bitumen present. * Missing core from 14.5 - 15.1m. 15.2 - 15.46m → 30% RED-BRN SPH IN Strong BIR Si act. + calcite stringers. 15cm run with 15% SPH AT 16.4m.									
Sample Number:	Grid North:	DDH 17	N	Grid East:	E	Type:	Dimension:			
M11639	UTM:	11.0 - 12.2	N	UTM:	E	Sample Width: (1/4)	Abundance:			
	Elevation:		m							
Comments:	BLACK SILICA ALTERED Lmst. Minor galena blebs in matrix AND moderately abundant orange weathered carbonate stringers. A specimen was taken out (previously) @ 11.2m (high grade)									
Sample Number:	Grid North:	DDH 17	N	Grid East:	E	Type:	Dimension:			
M11640	UTM:	12.2 - 13.16	N	UTM:	E	Sample Width: (1/4)	Abundance:			
	Elevation:		m							
Comments:	SAME AS 639 BUT MINERALIZED WITH 10% (some 5cm pieces up to 50%) red-brown v. fine sphalerite. weak to moderate bitumen on fractures.									
Sample Number:	Grid North:	DDH 17	N	Grid East:	E	Type:	Dimension:			
M11641	UTM:	13.16 - 14.0m	N	UTM:	E	Sample Width:	Abundance:			
	Elevation:		m							
Comments:	SAME AS 639 - NO SPH SEEN.									
Sample Number:	Grid North:	DDH 06	N	Grid East:	E	Type:	Dimension:			
M11642	UTM:	21.9 - 24.2m	N	UTM:	E	Sample Width:	Abundance:			
	Elevation:		m							
Comments:	BLACK SILICA ALTERED Dunedin Lmst (fossils obliterated). FINE accumulations of bitumen along fractures healed by calcite. (Bitumen also occurs in Si altered matrix. Graphite is present on some fractures AND trace amounts of galena.									

Rock Sample Descriptions

Project:

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Property:

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M11643	Sample Number:	Grid North: DDH 06	N	Grid East:	E	Type:	Dimension:
		UTM: 24.2-27.2 m.	N	UTM:	E	Sample Width:	Abundance:
		Elevation:	m				
	Comments:	BLACK SILICA ALTERED DUNEDIN LNST. weak bitumen content but alot of andy calcite stringers - some with orange weathering and localized galena blebs @ 26.5 - narrow silty interval.					
M11644	Sample Number:	Grid North: DDH 08	N	Grid East:	E	Type:	Dimension:
		UTM: 21.3-23.3 m	N	UTM:	E	Sample Width:	Abundance:
		Elevation:	m				
	Comments:	GREY-BLACK SILICA altered Dunedin LNST - most fossils obliterated. Top of interval contains abundant orange weathering calc stringers with minor red-orange sphalerite blebs and stringers (2%). Minor galena blebs also. Both occur in silica altered matrix + calc stringers. Graphite > bitumen on fractures					
M11645	Sample Number:	Grid North: DDH 08	N	Grid East:	E	Type:	Dimension:
		UTM: 23.3-24.5 m.	N	UTM:	E	Sample Width:	Abundance:
		Elevation:	m				
	Comments:	SAME AS ABOVE BUT MUCH DARKER AND Abundant graphite fractures @ 24.15 -> irregular dense stringers with minor coarse cubic galena host 20cm - 20% bitumen < graphite.					
M11646	Sample Number:	Grid North: DDH 05	N	Grid East:	E	Type: * RE sample	Dimension: * NOT REPORTED
		UTM: 29.0-30.25	N	UTM:	E	Sample Width:	Abundance: (1990)
		Elevation:	m				
	Comments:	BLACK SILICA altered DUNEDIN LNST. Few scattered fossils AND MINOR BITUMEN. NO OTHER MIN SEEN.					
M11647	Sample Number:	Grid North: DDH 05	N	Grid East:	E	Type: 4	Dimension:
		UTM: 30.25-31.05	N	UTM:	E	Sample Width:	Abundance:
		Elevation:	m				
	Comments:	GREY-BLACK SILICA alt'n with strong sphalerite mineralization consisting of v. fine wisps and disseminations of pinkish red-brown sphalerite. Some areas exhibit bedding parallel to remnant bedding (?) while others areas are conc. around brxx frags - minor graphite + bank					
M11648	Sample Number:	Grid North: DDH 05	N	Grid East:	E	Type: 11	Dimension:
		UTM: 31.05-32.1 m.	N	UTM:	E	Sample Width:	Abundance:
		Elevation:	m				
	Comments:	SAME AS ABOVE BUT graphite only minor sphalerite observed.					

Rock Sample Descriptions

Project:

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Property:

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Sample Number: M11649
 Grid North: DDH 05. N Grid East: _____ E Type: RE SAMPLE (90) Dimension: _____
 UTM: 32.1 - 33.05 m. N UTM: _____ E Sample Width: _____ Abundance: _____
 Elevation: _____ m
 Comments: Same as 648 but also contains 0.5m 30% barite section with
 minor galena.

Sample Number: M11650
 Grid North: DDH 13. N Grid East: _____ E Type: RE SAMPLED (90) Dimension: _____
 UTM: 76.8 - 80.23. N UTM: _____ E Sample Width: (44) Abundance: _____
 Elevation: _____ m
 Comments: Grey-Black silica altered Dunedin fm Lmst. Strongly brecciated as most
 Si altered Lmst is. Mod. calcite-barite stringers and breccia fillings
 Sphalerite occurs in mtx and calcite-barite zones (dominantly latter) - barite is fine fruttlery type
 minor galena and bitumen assoc. with calcite stringers.

Sample Number: M11651
 Grid North: _____ N Grid East: _____ E Type: chip. Dimension: 2.0m.
 UTM: Wolverine. N UTM: _____ E Sample Width: _____ Abundance: _____
 Elevation: showing. m
 Comments: Black silica altered Dunedin fm Lmst. No fossils present. No mzn observed
~~VARIOUS HYDROZINITE STAINED SILICA ALTERED Lmst BRECCIA.~~

Sample Number: M11652
 Grid North: _____ N Grid East: _____ E Type: chip Dimension: 0.8cm.
 UTM: Wolverine. N UTM: _____ E Sample Width: _____ Abundance: _____
 Elevation: showing. m
 Comments: VARIOUS HYDROZINITE STAINED SILICA altered Lmst brxx.
 No red sphalerite zones observed.

Sample Number: M11654
 Grid North: _____ N Grid East: _____ E Type: 2.1m chip. Dimension: _____
 UTM: Wolverine. N UTM: _____ E Sample Width: _____ Abundance: _____
 Elevation: showing. m
 Comments: chip sample + bulk sample (~25 lbs) across the best mineralized
 exposure at the Wolverine showing. Red sphalerite is contained in two distinct separate bands of
 Si altered Lmst brxx. The lower band is thickest and contains minor malachite quartz
 bitumen zones. Mineralization is sporadic - no stratiform/band textures.

Sample Number: M116543
 Grid North: _____ N Grid East: _____ E Type: chip. Dimension: _____
 UTM: Wolverine. N UTM: _____ E Sample Width: 2.1m
 Elevation: showing. m 0.9m Abundance: _____
 Comments: Grey-black moderately fractured silica altered Lmst brxx - no hydrozincite
 or red sphalerite observed.

Rock Sample Descriptions

Project: _____

Property: _____

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Sample Number: M11655	Grid North: 85+95N UTM: 6396376 Elevation: 4990'	N	Grid East: 4458E UTM: 445275	E	Type: chip Sample Width: 0.33m	Dimension: Abundance:	_____	_____	_____
Comments:	Tan coloured sand + silt, possible gouge, from contact between grey Stone Fm limestone and overlying black silica-altered limestone breccia. Wolverine Extension. See detail drawing. Sample includes 5cm wide band of orange limonitic soil.								
Sample Number: M11656	Grid North: 85+95N UTM: 6396376 Elevation: _____	N	Grid East: 4458E UTM: 445275	E	Type: chip Sample Width: 1.05m	Dimension: Abundance:	_____	_____	_____
Comments:	Wolverine Extension. Chip across black silica-altered limestone breccia below above contact with grey Stone Fm limestone. This sample adjoins M11655 and M11657. No sulphide seen but moderate quartz-calcite in fine veins.								
Sample Number: M11657	Grid North: _____ UTM: Wolverine Elevation: Extn.	N	Grid East: _____ UTM: _____	E	Type: chip Sample Width: 1.7m	Dimension: Abundance:	_____	_____	_____
Comments:	Moderately fractured black silica altered limest breccia. Moderate amount of calcite stringers, plus minor red iron oxide surface staining. No sulphide seen. One narrow fault zone (highly fractured) 010°/vertical.								
Sample Number: M11658	Grid North: _____ UTM: Wolverine Elevation: Extn.	N	Grid East: _____ UTM: _____	E	Type: chip Sample Width: 1.2m	Dimension: Abundance:	_____	_____	_____
Comments:	Same as above.								
Sample Number: M11659	Grid North: Nose UTM: 6395148 Elevation: _____	N	Grid East: _____ UTM: 445460	E	Type: chip Sample Width: 1.3m	Dimension: Abundance:	_____	_____	_____
Comments:	Nose showing, south end. Sample crosses 1.3m stratigraphically but 2.0m horizontally. Includes 0.35m porous grey cindery altered limestone; the remainder is black silica-altered limestone, lots of fine quartz and calcite veins. No sulphide seen.								
Sample Number: M11660	Grid North: _____ UTM: Nose Elevation: showing	N	Grid East: _____ UTM: _____	E	Type: chip Sample Width: 0.40m	Dimension: Abundance:	_____	_____	_____
Comments:	Grey porous silica cinder limest with abundant hydrous iron on weathered surfaces. No sulphide observed on broken faces.								

Rock Samples Descriptions

Project: _____

Property: _____

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Sample Number: M11661
 Grid North: NOSE N Grid East: _____ E Type: chip Dimension: _____
 UTM: SHOWING N UTM: _____ E Sample Width: 1.15 m Abundance: _____
 Elevation: _____ m

Comments: SEE DIAGRAM for NOSE showing.
 TAKEN IN AREA Blasted out in '87. Si brxx with some red siderite and into malachite stained silica cinder Inst-into banner limy cinder.

Sample Number: M11662
 Grid North: NOSE N Grid East: _____ E Type: chip Dimension: _____
 UTM: 6395148 N UTM: 445460 E Sample Width: 1.0 m Abundance: _____
 Elevation: _____ m

Comments: Vertical chip, southeast end of Nose showing. Black silica-altered limestone breccia. Chip across section beneath grey cindery altered limestone. No sulphide seen, but sample crosses 7cm patch of malachite.

Sample Number: M11663
 Grid North: DDH 15 N Grid East: _____ E Type: _____ Dimension: _____
 UTM: 69.7-72.1 m N UTM: _____ E Sample Width: _____ Abundance: _____
 Elevation: _____ m

Comments: JET BLACK silicified Breccia for shale. Very competent but can still scratch.
 ORIGINAL BEDDING IS NON-EXISTANT. Minor calcite stringers and barite pods present
 ALSO TRACE TO 1% fine disseminated pyrite AND odd isolated 1cm massive pod.

Sample Number: M11664
 Grid North: DDH 15 N Grid East: _____ E Type: _____ Dimension: _____
 UTM: _____ N UTM: _____ E Sample Width: _____ Abundance: _____
 Elevation: 72.1-74.6 m

Comments: SAME AS ABOVE BUT WITH NARROW (<10cm) Breccia sections
 HEALED WITH CALCITE & BARITE.

Sample Number: M11665
 Grid North: DDH 15 N Grid East: _____ E Type: _____ Dimension: _____
 UTM: _____ N UTM: _____ E Sample Width: _____ Abundance: _____
 Elevation: 74.6-76.5 m

Comments: SAME AS ABOVE BUT WITH NO SIGNS of calcite or barite.
 MINERALIZED WITH up to 10% fine dustings & disseminations of pyrite
 Across intervals up to 30cm. Interval is very BLACK.

Sample Number: M11666
 Grid North: DDH 15 N Grid East: _____ E Type: _____ Dimension: _____
 UTM: _____ N UTM: _____ E Sample Width: _____ Abundance: _____
 Elevation: 76.5-78.0 m

Comments: SAME AS ABOVE BUT WITH NARROW Breccia intervals healed with barite
 Abundant Sulfate surface weathering but no sulphate minerals inside. One quartz vein of broken observed. Entire interval is pyritic.

* All intervals DDH 15 above are very black with slick shear fractures but very little graphite component.

Rock Sam. Descriptions

Project: Prophet Property:

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Sample Number:	Grid North:	N	Grid East:	E	Type:	Dimension:
UTM:	UTM:	N	UTM:	E	Sample Width:	Abundance:
Elevation:	m					
M11667	DDH 15					
Comments:	Medium grey porous silica cinder altered limestone. Bore up at 67.1 m contact. (Burr?). Abundant quartz veinlets some of which are vuggy and contain small amounts of vitreous bitumen. One veinlet is bordered by 1/2 cm rim of red sph.					
M11668	~84+60		5+50		outcrop	
UTM:	6396297		445409		1.15 m	
Elevation:	m					
Comments:	DARK GREY - BLACK silica altered linst brnx (non calc). Red oxide on fractures (hematite or iron from Py). 1mm fossil fragments are preserved. 020°/35 SE.					
M11669	~84+75		5+50		chip/outcrop	
UTM:					2.0 m	
Elevation:	m					
Comments:	005/25 E. BLACK silica altered brnx linst. Minor barite pods and moderate Qtz veinlets x-cutting (120°/45 SW) No other mineralization seen.					
M11670	83+50		4+50		Boulders	
UTM:					≤ 80cm	7
Elevation:	m					
Comments:	concentration of BLACK silica altered brnx linst in a 10m diameter qua. Minor barite pods and some Hydrozincite on fracture surfaces. Moderate clear and white quartz stringers - some vuggy.					
M11671	~83+15		3+75		chip/outcrop	
UTM:	6396105		445301		1.1	
Elevation:	m					
Comments:	PALE grey silica altered linst - no brnx or fossils seen.					
M11672						
UTM:	SAME AS		continued		0.85 m	
Elevation:	ABOVE		down section			
Comments:	grey silica altered linst as above grading into black silica alt. linst with local brnx and barite pods. Moderate quartz-calcite veinlets cutting across at 340/steep west.					

Rock Samples Descriptions

Project: Proplet Property: P.O.

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Sample Number: M11673 Grid North: 445279 N Grid East: 6396083 E Type: chip/subcrop Dimension: _____

UTM: 445279 E UTM: 6396083 N Sample Width: 0.90m Abundance: _____

Elevation: m

Comments: PALE GREY Silica altered host brxx with moderate white quartz
veinlets and rare bitumen. Also irregular veinlets of bruite.

Sample Number: M11674 Grid North: 6395890 N Grid East: 445265 E Type: float Dimension: 35x35x25cm

UTM: 6395890 N UTM: 445265 E Sample Width: 0.35m Abundance: 2 pcs

Elevation: m

Comments: BLACK calcareous grey limst (25cm) with a 10 cm ring of
fine grained soft black very porous grunge. Occasional calcite veg.
(the sample taken)

Sample Number: M11675 Grid North: 6395890 N Grid East: 445265 E Type: Boulders Dimension: _____

UTM: 6395890 N UTM: 445265 E Sample Width: $\leq 0.5m$ Abundance: ~5

Elevation: m

Comments: BLACK-GREY, waxy calcareous, Silica altered breccia limst.
NO VIS MEN

Sample Number: M11676 Grid North: Pro-02-1 N Grid East: _____ E Type: SEVERE H-grunge Dimension: _____

UTM: Pro-02-1 N UTM: _____ E Sample Width: _____ Abundance: ~10 pcs out of 6

Elevation: m

Comments: WHITE FIBROUS/BLOCKY BARITE ON edge of Silicified limst (SEE RE DIAGRAM)
~2 cm barite rind & 10 to 15cm grey Si Dc mineralized with disseminated brown-honey colored
sphaerulite. (~25%).

Sample Number: M11677 Grid North: Pro-02-1 N Grid East: _____ E Type: Chip Dimension: _____

UTM: Pro-02-1 N UTM: _____ E Sample Width: 1.45m Abundance: _____

Elevation: m

Comments: Highly fractured grey to black highly porous Silica "cinder" altered Du.
Abundant orange/red oxide on fractures and occasional limonitic patches

Sample Number: M11678 Grid North: Pro-02-1 N Grid East: _____ E Type: CHIP Dimension: _____

UTM: Pro-02-1 N UTM: _____ E Sample Width: 2.15m Abundance: _____

Elevation: m

Comments: GREY-BLACK SILICA altered limst Brxx (Du Si) with minor
barite pods. Very competent and difficult to chip sample - no fracture
surfaces. - NO visible SX seen.

Rock Samples Descriptions

Project: _____

Property: _____

Page 1 of _____

Sample Number: M11679
 Grid North: 6395738
 UTM: 6395738
 Elevation: _____ m
 Grid East: 445200
 UTM: 445200
 Type: Soil profile
 Sample Width: 1.40m
 Dimension: _____
 Abundance: _____

Comments: Trench PR-02-2 wall soil profile, see detail diagram.
 From depth 1.90m to 0.50m. Dark grey silty grit, high clay content. Gravel-sized particles are either Besa Fm shale or barite cubes from alteration zone.

Sample Number: M11680
 Grid North: 6395738
 UTM: 6395738
 Elevation: _____ m
 Grid East: 445200
 UTM: 445200
 Type: Soil profile
 Sample Width: 0.30m
 Dimension: _____
 Abundance: _____

Comments: Trench PR-02-2 wall soil profile from depth of 0.50m to 0.20m. Orange-brown silt with occasional angular cobble of silicified Dunedin Fm breccia.

Sample Number: M11681
 Grid North: 82
 UTM: 6395930
 Elevation: _____ m
 Grid East: 225
 UTM: 445222
 Type: Float
 Sample Width: _____
 Dimension: _____
 Abundance: _____

Comments: Angular float cobble, 15cm wide, from pit beside grid station. Sample collected from depth of 0.55m. Grey Si-altered limestone (Dunedin) breccia, barite veins 5mm thick. Zinc zap positive on fracture coating, no sulphide seen. 3 similar rocks in pit; only one sampled.

Sample Number: M11682
 Grid North: 82
 UTM: PR-02-2
 Elevation: _____ m
 Grid East: 200
 UTM: _____
 Type: Chip
 Sample Width: 1.20m
 Dimension: _____
 Abundance: _____

Comments: Moderately to highly fractured DuSi (grey-black). No breccia zones observed and no quartz veining. Abundant rusty patches and fracture coatings. Easy to sample.

Sample Number: M11683
 Grid North: 82
 UTM: PR-02-2
 Elevation: _____ m
 Grid East: 200
 UTM: _____
 Type: Pseudo chip
 Sample Width: 1.4m
 Dimension: _____
 Abundance: _____

Comments: Black to pale grey DuSi breccia. Moderate amount of white quartz stringers. Very shaly - only able to collect even distribution of chip from ~ 75% of exposure.

Sample Number: M11684
 Grid North: 82+06
 UTM: 6395920
 Elevation: _____ m
 Grid East: 1+77
 UTM: 445180
 Type: Float
 Sample Width: _____
 Dimension: _____
 Abundance: _____

Comments: From bottom of highest pit on L82N. Depth 2.2m beneath till. Sample is a collection of 5 rocks, each about 8cm wide, angular. Dark grey Si altered limestone, weakly quartz veined, veins < 2mm wide. No sulphide seen but 1 to 2% of rock is orange pits < 1mm wide. Rock weathers orange, all fractures have orange limonite coating.

Rock Sample Descriptions

Project:

PR-02-4

Property:

PR-02-4

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Sample Number: M11685
 Grid North: 6395851
 UTM: 6395851
 Elevation: _____ m
 Grid East: 445207
 UTM: 445207
 Elevation: _____ m
 Type: FLOAT
 Sample Width: _____
 Dimension: 25x20x5cm
 Abundance: 2 Pcs.
 Comments: AT BASE OF PR-02-4: PALE GRAY TO BLACK DUSI Breccia
 MODERATE Qtz + CLCITE STRIPES. MODERATE PITTING IN VICINITY OF PULCITE + Qtz
 ACCOMPANIED BY BLACK GRAPHITIC/BITUMINOUS MATTER. MANY FRACTURES COATED WITH Hy Zn
 BASITE-GRENNA DUSI IN SAME AREA.

Sample Number: M11686
 Grid North: NOSE
 UTM: SHOWING
 Elevation: _____ m
 Grid East: _____
 UTM: _____
 Elevation: _____ m
 Type: CHIP
 Sample Width: ~~1.15m~~
 Dimension: _____
 Abundance: _____
 Comments: SELECT ROUTE CHIP SAMPLE ACROSS THE MINERALIZED ZONE - Abundant
 (725%) fine red sphalerite in DUSI + cinder act. material from 0.0 (top) to 0.8m
 Rest of interval is weak cinder with Hy Zn + mac or DUSI with minor Hy Zn

Sample Number: M11687
 Grid North: PR-02-5
 UTM: 6395900
 Elevation: _____ m
 Grid East: 445620
 UTM: 445620
 Elevation: _____ m
 Type: CHIP
 Sample Width: 0.90m
 Dimension: _____
 Abundance: _____
 Comments: GREY-BLACK DUSI WITH MINOR SMALL (210cm) basite pods.
 MINOR red oxide surface weathering. MOST OF EXPOSURE IS V. FINE
 DARK grey silica alt. Lmst with lesser breccia pods sealed with grey Si + white Qtz + Arsenic

Sample Number: M11688
 Grid North: PR-02-5
 UTM: "
 Elevation: _____ m
 Grid East: "
 UTM: "
 Elevation: _____ m
 Type: CHIP
 Sample Width: 0.20m
 Dimension: _____
 Abundance: _____
 Comments: STONE AS ABOVE but highly fractured and more breccia zones

Sample Number: M11689
 Grid North: 6395851
 UTM: 6395851
 Elevation: _____ m
 Grid East: 445207
 UTM: 445207
 Elevation: _____ m
 Type: chip
 Sample Width: 1.6m
 Dimension: _____
 Abundance: _____
 Comments: Chip across 1.60m silicified limestone breccia, trench PR-02-4.
 M11685 is Float from top of trench. See detail diagram.

Sample Number: M11690
 Grid North: 6396460
 UTM: 6396460
 Elevation: _____ m
 Grid East: 445266
 UTM: 445266
 Elevation: _____ m
 Type: _____
 Sample Width: 0.70m
 Dimension: _____
 Abundance: _____
 Comments: From pit above Wolverine Showing. Depth under till 1.65m. Dark grey
 to black, siliceous, sparks when struck. Weathers grungy black, looks like lumps of coal. Fractured
 No sulphide seen. Pit profile on detail diagram. 0.70m chip along strike; no section seen.

Rock Sample Descriptions

Project: PROJET Property: PRO

Sample Number: M11691 Grid North: 6396438 N Grid East: 445269 E Type: CHP sample Dimension: PRO-02-6
 UTM: 6396438 N UTM: 445269 E Sample Width: 1.3m Abundance: _____
 Elevation: Wolverine zone m

Comments: TOP 30cm from till profile (85% max DuSi) followed by 1m bedrock
CHP. BEST MATERIAL FROM till profile - HEN > MAC > RED SPR. (20%/10%/15%) Most fractured
on CHP sample contain HEN > MAC >> Red spr. ALOT OF FEAT ALSO CONTAINED
VITRIOLIC BITUMEN ASX WITH white-clear quartz VENTS or clots.

Sample Number: M11692 Grid North: 83 N Grid East: 4+95 E Type: FEAT Dimension: 25x15x15
 UTM: _____ N UTM: _____ E Sample Width: _____ Abundance: 1pc in pit
 Elevation: _____ m

Comments: JET BLACK angular DuSi with narrow (<1cm) barite veinlet prod.
90% of fractures contain/lined with HYDROZINCLITE - interestingly, Zmc Zap
was very slow to react. CHARACTER SAMPLE TAKEN - SPLIT.

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: _____

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 VI

GEOCHEMICAL RESULTS, TRENCH MAPS AND PROFILES

Claim Boundary

anticline

ST

WOLVERINE SHOWING

A

BS

DNS DN

Core Shack

B

BS

DNS

Pro 8

DN

Pro 7

BS x

BS x

BS

Pro 9

Pro 10

DNS










baseline

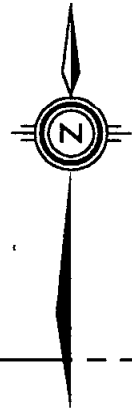
DN

C

M11659-662,688

NOSE SHOWING

-  > 1000 ppm zinc soil geochemical anomaly
-  outcrop
-  subcrop or float
-  handpit
-  diamond drill hole
-  hand trench
-  rock sample
-  inferred geologic contact
-  bedding attitude
- BS** Besa River Fm
- DN** Dunedin Fm
- DNS** Dunedin Fm Silicified
- ST** Stone Fm



6396 000 mN

445 000 mE

STRATEGIC METALS LTD.

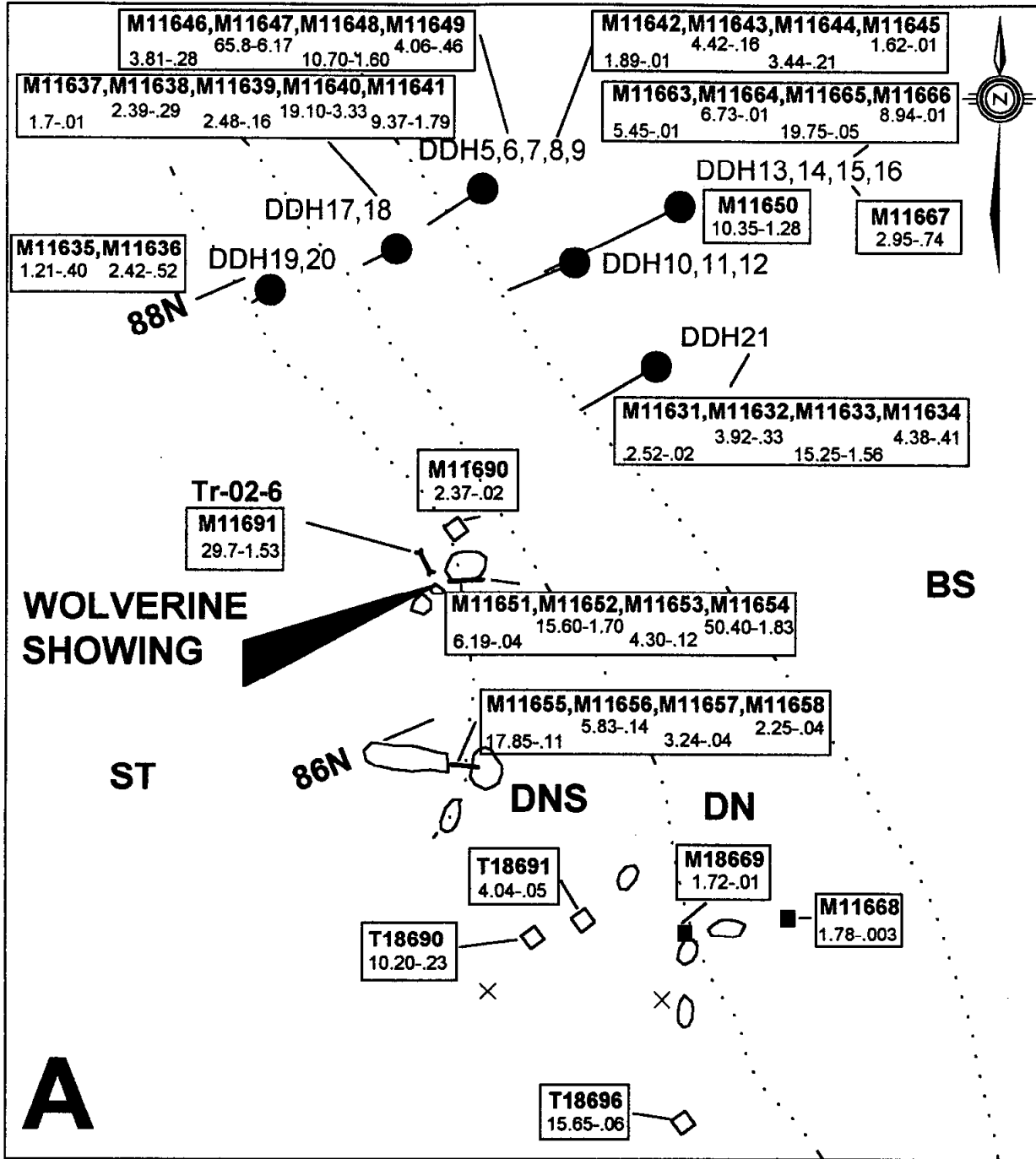
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GEOCHEMICAL INSET MAPS

PROPHET RIVER PROPERTY

0 200 m

FILE: MW-2003-SMD-PRO-45K DATE: APRIL, 2003



M11633
15.25-1.56

Sample with
germanium value in ppm - % zinc

STRATEGIC METALS LTD.

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**GEOCHEMISTRY
MAP A**

PROPHET RIVER PROPERTY



FILE: AW.2003.SMD.PRO.4:5K

DATE: APRIL, 2003

B



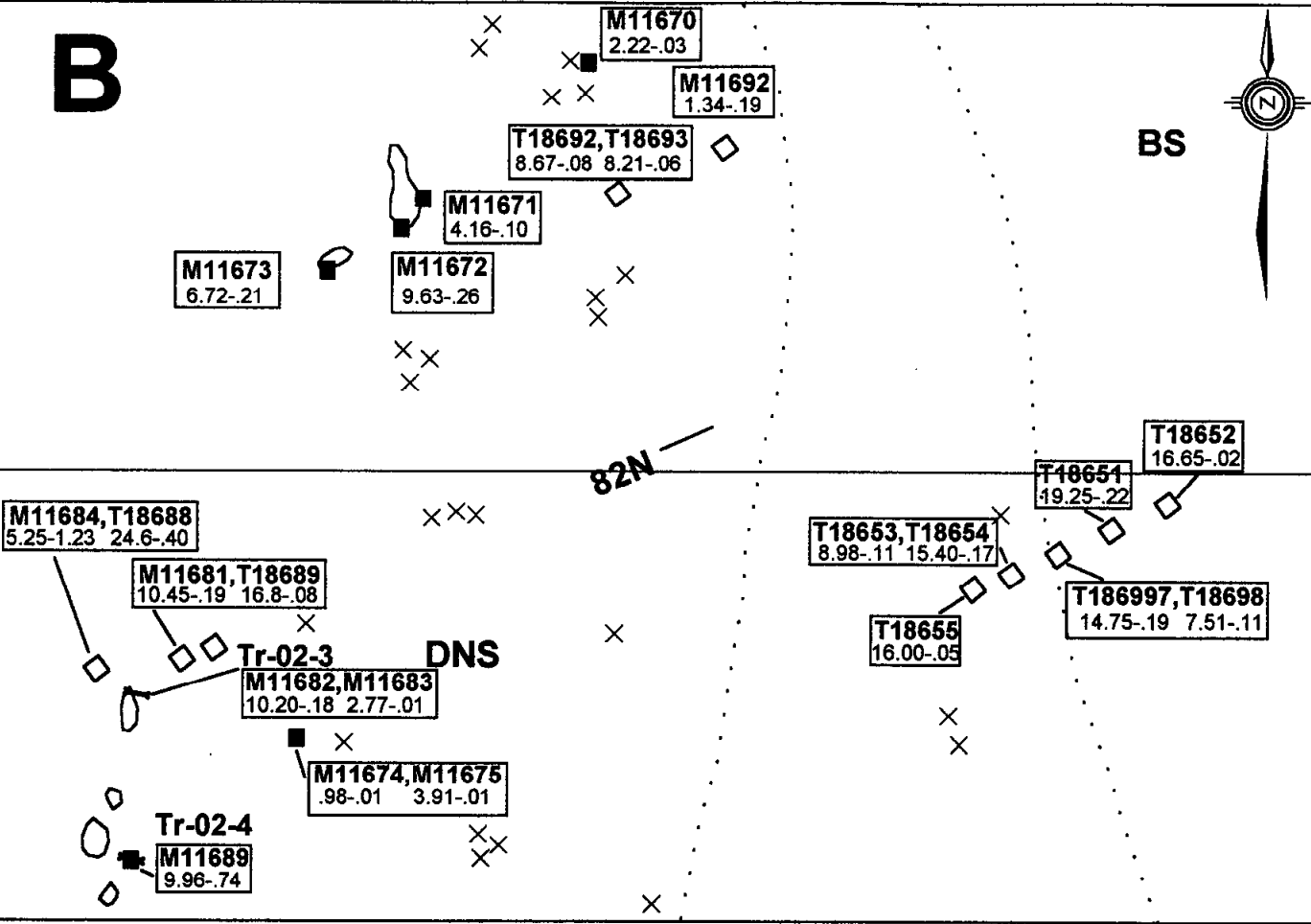
BS

82N

DNS

Tr-02-3

Tr-02-4



- - - inferred geologic contact
- BS Besa River Fm
- DN Dunedin Fm
- DNS Dunedin Fm Silicified
- ST Stone Fm

- outcrop
- subcrop or float
- handpit
- diamond drill hole
- hand trench
- rock sample

M11633
15.25-1.56

Sample with germanium value in ppm - % zinc

STRATEGIC METALS LTD.

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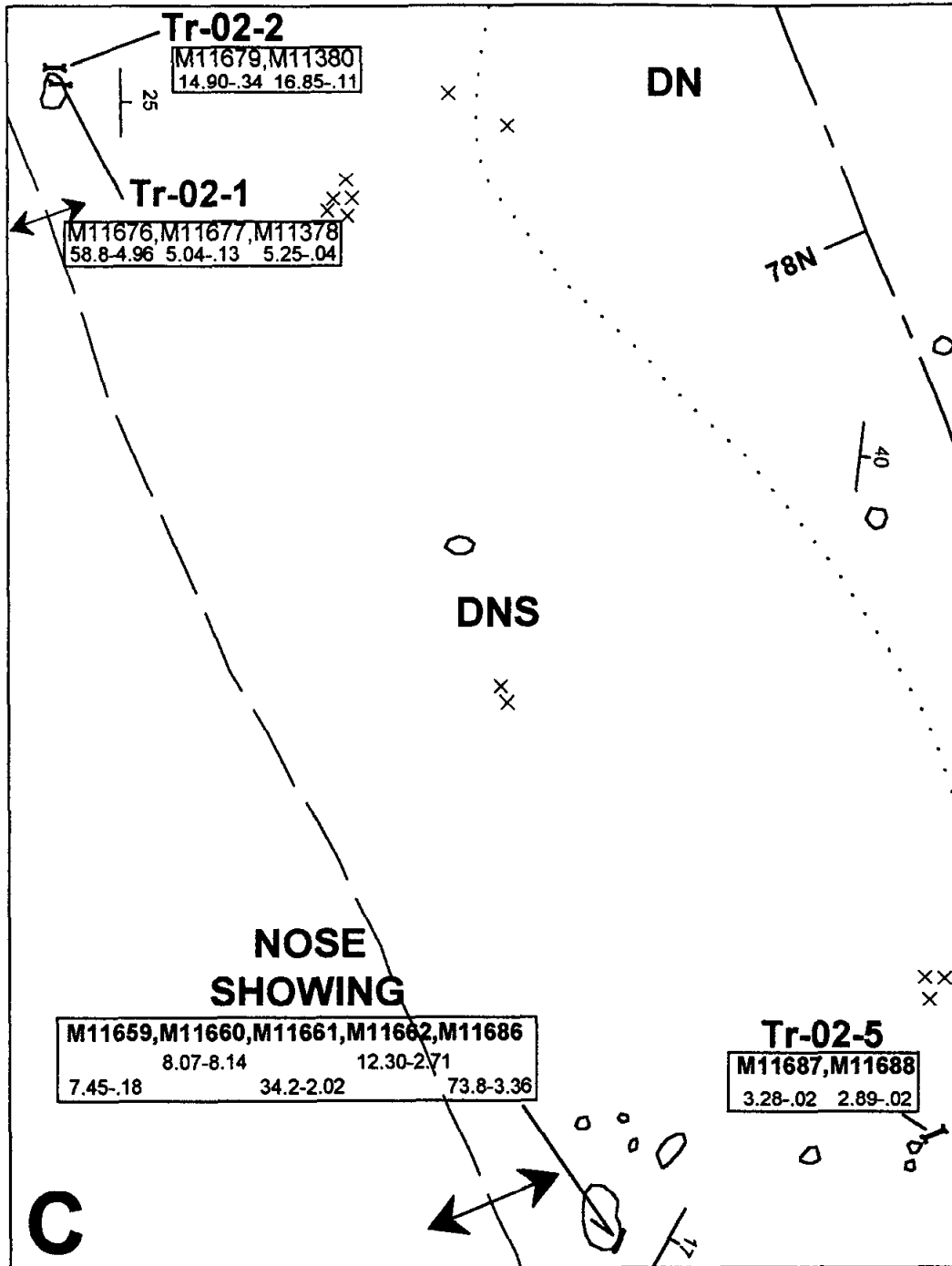
GEOCHEMISTRY MAP B

PROPHET RIVER PROPERTY



FILE: AW.2003.SMD.PRO.4:5K

DATE: APRIL, 2003



- - - inferred geologic contact
- BS** Besa River Fm
- DN** Dunedin Fm
- DNS** Dunedin Fm Silicified
- ST** Stone Fm
- outcrop
- subcrop or float
- handpit
- diamond drill hole
- hand trench
- rock sample

M11633
15.25-1.56
Sample with germanium value in ppm - % zinc

STRATEGIC METALS LTD.

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GEOCHEMISTRY

MAP C

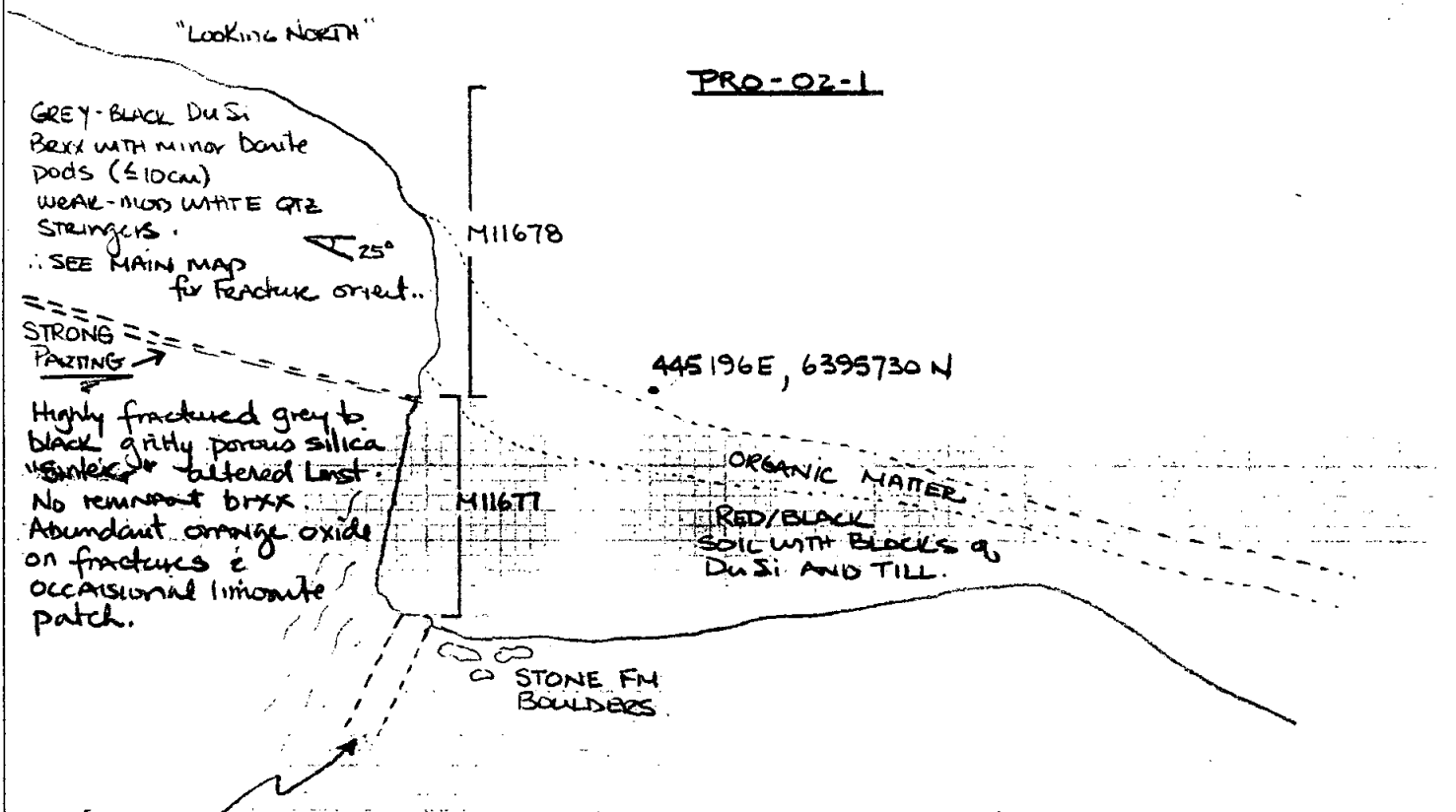
PROPHET RIVER PROPERTY

0 200 m

FILE: AW.2003.SMD.PRO.4:5K DATE: APRIL, 2003

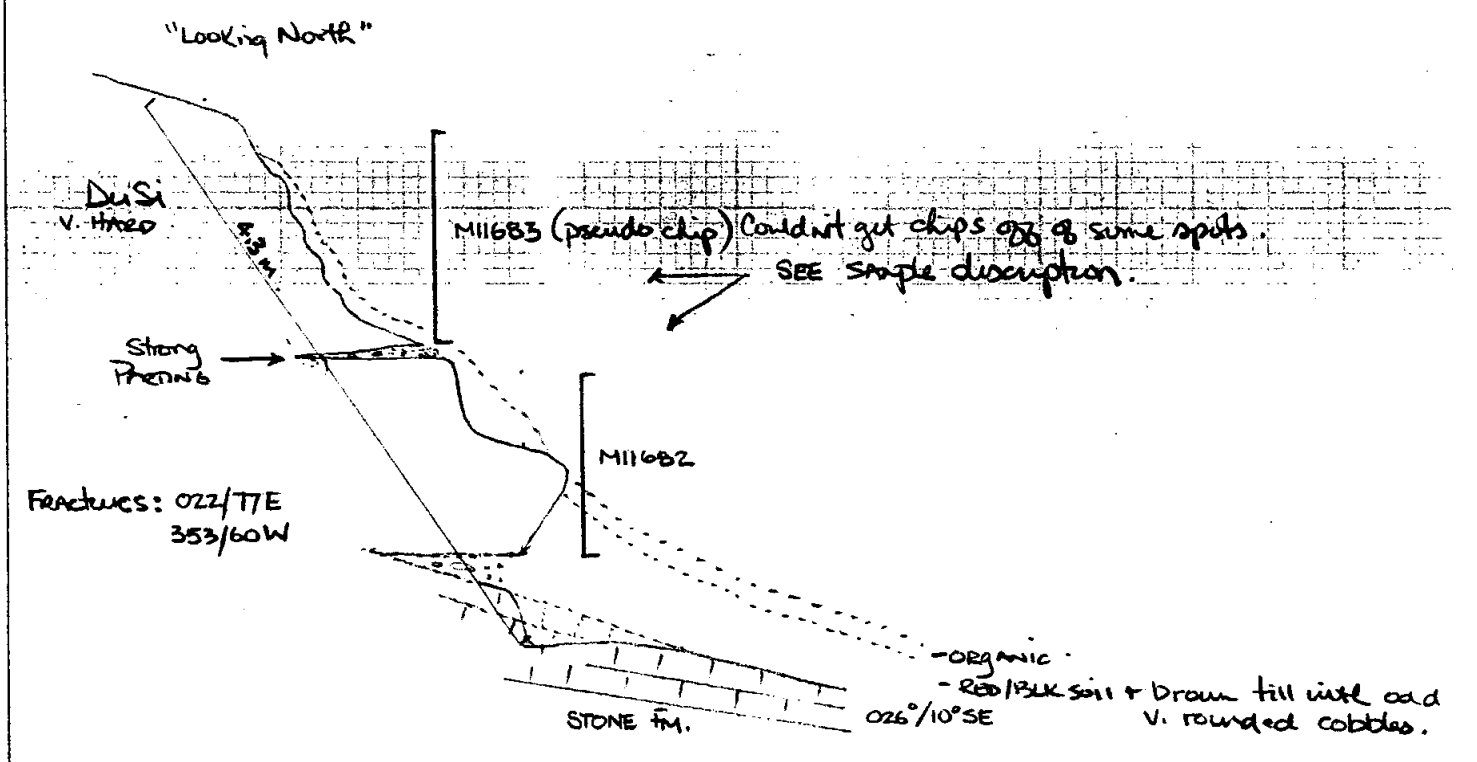
ALTITUDES (Y 100/40 N)
 SILTSTONE
 CONGLOMERATE
 SPECIMEN SITE A, B, ...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS
 CLIENT
 WATER
 DOLOMITE
 INTRUSIVE
 MINERALS
 DONT FORGET CO...URS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TR...S, GOSSANS, OBSERVED GEOLOGY: DEFINED --- INFERRED --- ASSUMED

Project	PROFIT	NTS	Scale	1:50	Page	of	Traverse
Sampler	WENG	Location, Target (words)				Sample Nos	
Date	Sept 19/02	photo no.				Cert. Nos	



MASSIVE AND SEMI MASSIVE BLADED/FEATHERED WHITE BARITE (up to 25 cm)
 Only sphaerite seen was at contact with Du Si & BARITE.
 BARITE v. fetid when broken.

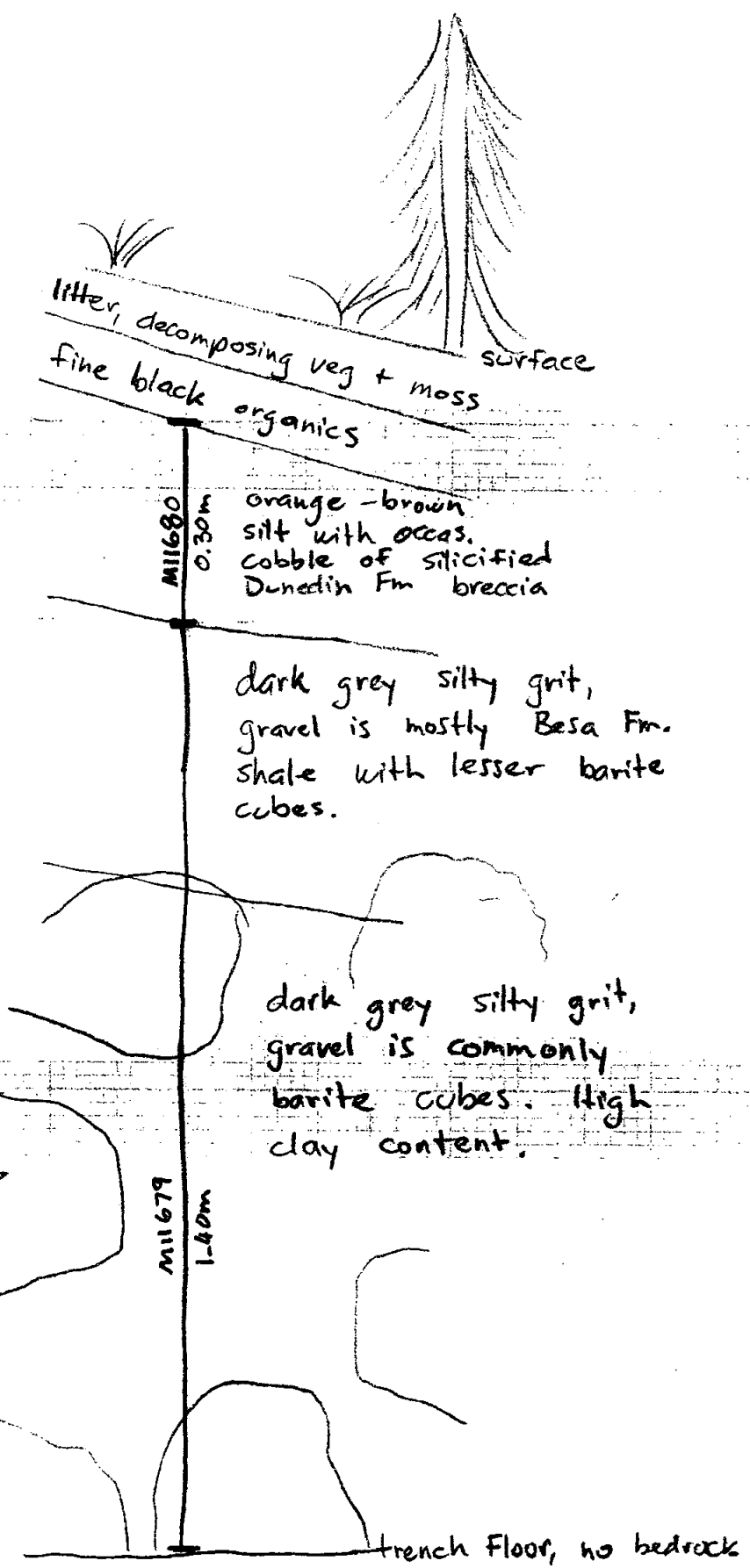
PRO-02-3



ALTITUDES (100/40 N)
 SILTSTONE
 DOLOMITE
 MINERALS
 DO NOT FORGET CURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRENCHES, OBSERVED GEOLOGY: DEFINED --- INFERRED --- ASSUMED

Project	PRO	NTS	Scale	1:10	Page	1	of	1	Traverse
Sampler	Location, Target (words)				Sample Nos				
Date	Sept. 19/02				M11679, 80				
photo no. TM 445200 6395738				Cert. Nos					

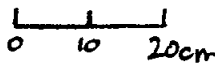
Samples are soil profile channels.

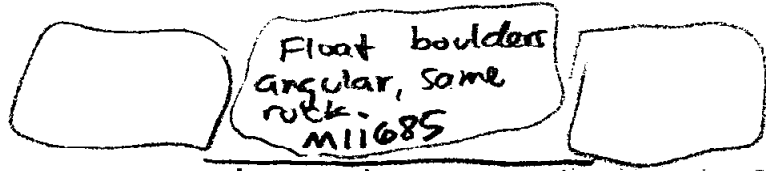


blocks, >60cm wide, of Stone Fm. limestone, grey, fizzes in HCl, no fossils seen, subrounded

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

Project PRO	NTS	Scale 1:10	Page 1 of 1	Traverse
Sampler	Location, Target (words) Trench PR-02-4 Pro File		Sample Nos M11685, 9	
Date Sept. 21/02	photo no. UTM 445206 6395856		Cert. Nos	

View toward 260°
 1:10




Barite-matrix, clast-supported breccia, clasts of angular silicified limestone <10cm wide, angular, clasts don't fizz in HCl. Pods of massive barite <12cm wide, coarse crystals. Occasional galena crystal <4mm wide. Fractures 035/TSNW.

090/25N 5cm thick band silicified, 2 to 10% limonitic pits, barite vein, rare galena cube <1mm wide
 Dunedin Fm silicified limestone breccia, no fizz in HCl, no fossil. Barite veins common <2cm wide, no other sulphide seen. Highly indurated. Top 10cm porous, dark grey.

0.20m not sampled

parting 125/10NE
 Dunedin Fm silicified limestone breccia, no fizz in HCl, no fossil. Barite veins and pods common <3cm wide. Rare galena cube in barite <4mm wide.

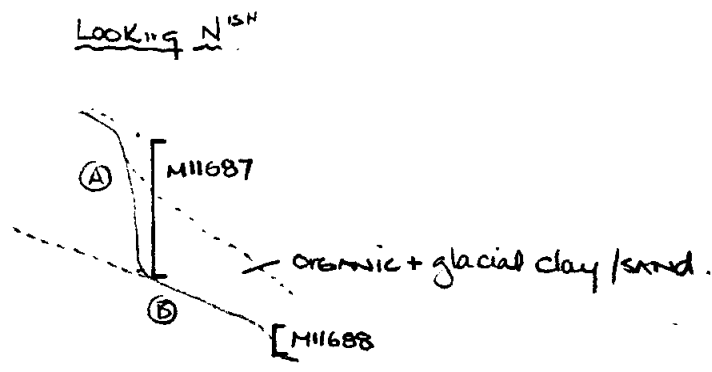
Dunedin Fm dark grey limestone, fizzes in HCl, no fossil, no sulphide.

000/80W 3cm thick breccia zone. Stone Fm clasts <5mm wide in calcite matrix, fizzes in HCl, no sulphide. Matrix supported.
 Stone Fm limestone, grey to blue-grey, fizzes in HCl. Occas. sutured black hairline vein, irregular. No fossil, no sulphide

MINERALS [] SILT X SOIL [] ROCK [] PAN [] WATER [] DULOMITE [] SILTSTONE [] SILTSTONE [] ATITUDES [] 100/40 N []

DONT FORGET CURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, T.C.S. GOSSANS, OBSERVED GEOLOGY: DEFINED --- INFERRED --- ASS

Project <u>PRD</u>	NTS	Scale	Page of	Traverse
Sampler <u>WEN6</u>	Location, Target (words)		Sample Nos	<u>M11687, 688</u>
Date <u>Sept 20/02</u>	photo no.	<u>PRD-02-05</u>	Cert. Nos	



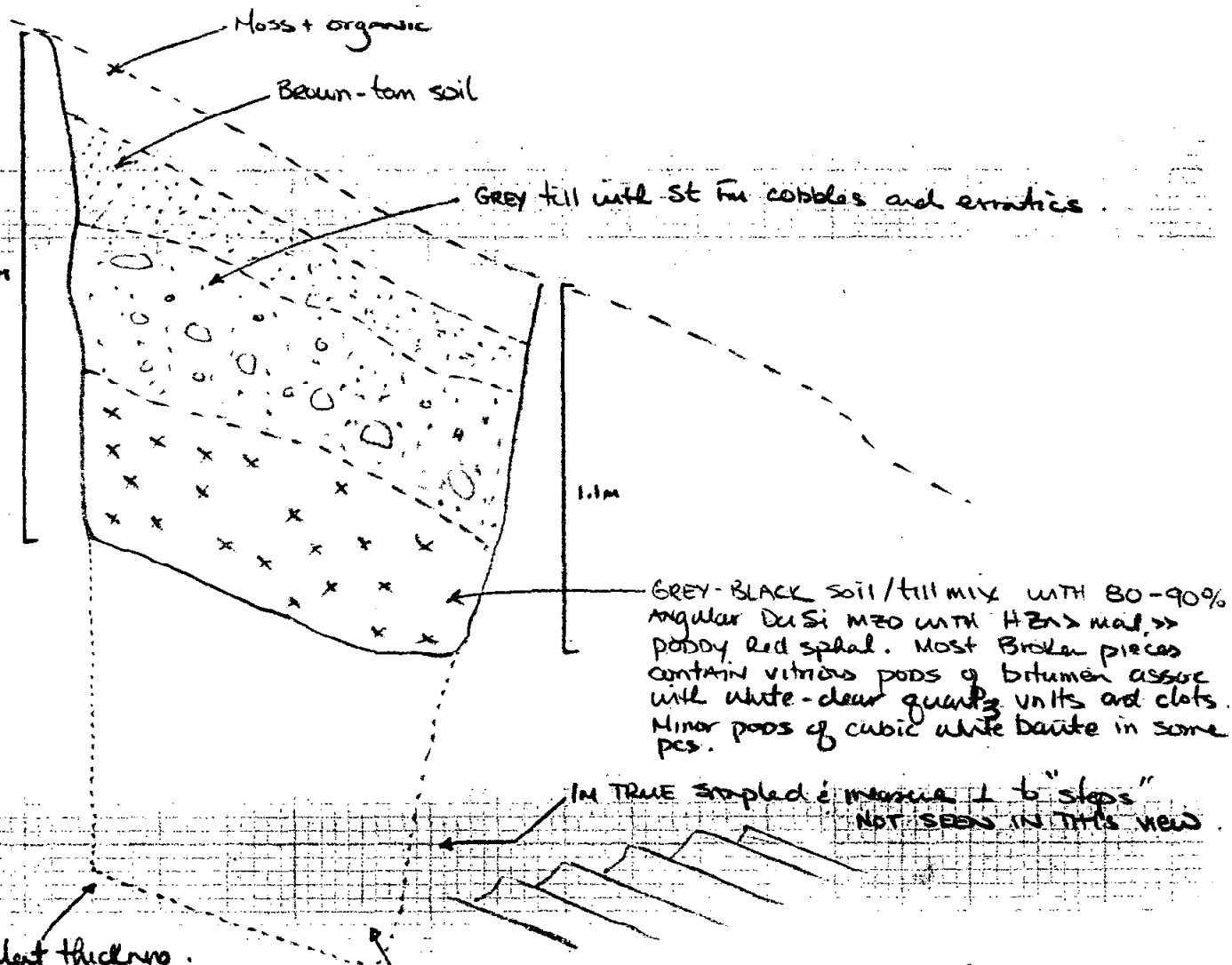
- (A) Grey-blk v. H₂O silica act. Lust Brxx (AuSi). Minor bante pods (<10cm) and some deep red surface oxidation. Also most of exposure is amorphous looking with taner breccia pods. One of the pods contains abundant white Qtz stringers and vitreous bitum.
- (B) Fine black silica act. Lust with moderate brxx zones. Entire unit is highly fractured. and much less competent than (A).

ATTITUDES (100/40 N)
 SILTSTONE
 SPECIMEN SITE A, B, ...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS
 S.S. GOSSANS, OBSERVED GEOLOGY: DEFINED --- INFERRED --- ASSUMED
 WATER
 ROCK
 SOIL
 SILT
 DOLOMITE
 MINERALS
 DON'T FORGET CURVES, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, ...

Project PROPHET	NTS	Scale 1:20	Page of	Traverse
Sampler WENG	Location, Target (words) WOLVERINE ZONE		Sample Nos	
Date SEPT 22/02	photo no.	10M upsection from M11654 TR PRO-02-06	Cert. Nos	

ORIENTATION : 000°
 LENGTH : 3.3m WIDTH 1.5m. NOT RECLAIMED
 LOCATED AT 19m mark along WOLVERINE showing control $\frac{1}{2}$.

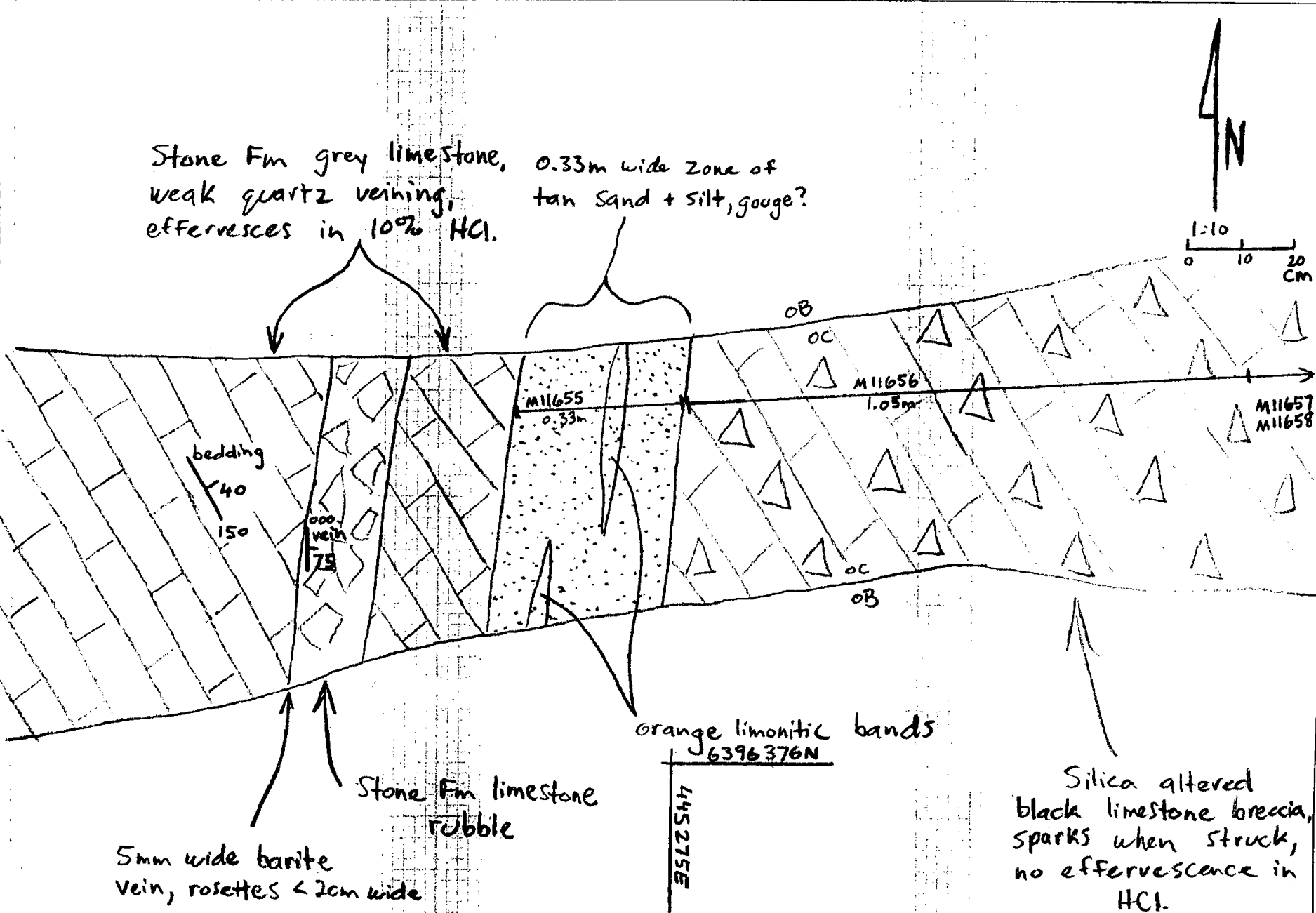
Looking North



GREY-BLACK SOIL/TILL MIX WITH 80-90%
 ANGULAR Du Si MZO WITH H₂O mat. →
 pobby red sphal. Most Broken pieces
 contain vitreous pods of bitumen assoc
 with white-clear quartz units and clots.
 Minor pods of cubic white barite in some
 pcs.

Du Si : 324/40NE 025/64NW 296/56SW
 Generally this section did not contain as
 much mineralization but many fractures do
 contain H₂O. Fresh Red sph was observed
 in some areas.
 BASE of MZO zone UNEXPOSED.

ARCHER, CATIRO & ASSOCIATES (1981) LIMITED DAILY TRAVERSE REPORT



Project	NTS	Scale	1:10	Page	1	of	1	Traverse
Sampler	Location, Target (words)	Sample Nos						
Date	Sept. 13/02	Wolverine Extension Plan						
	photo no. Grid 4+58E 85+95N	Cert. Nos						

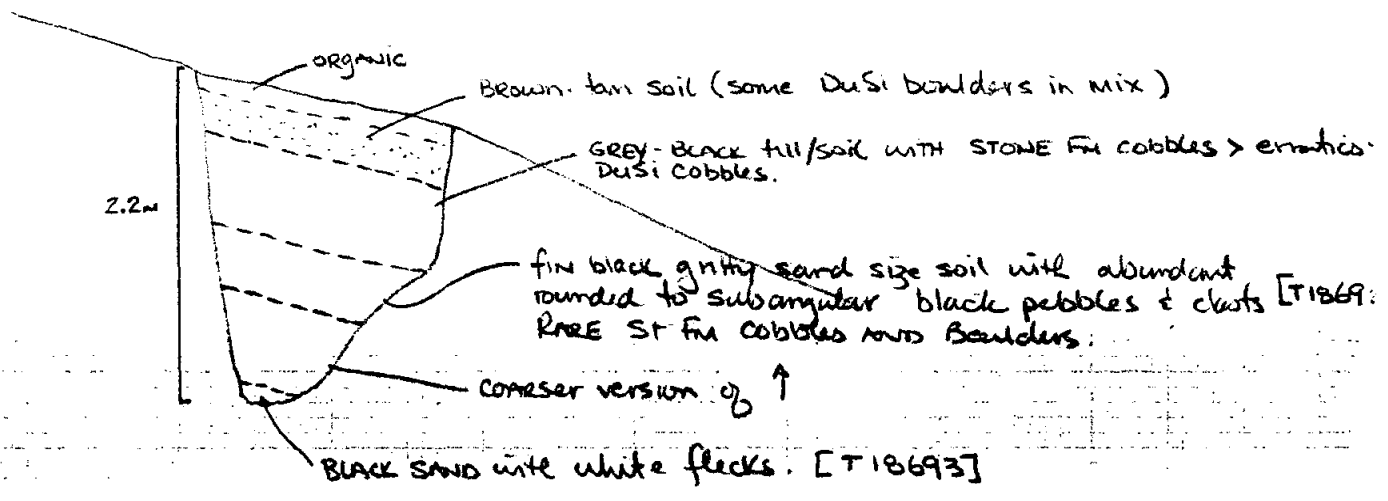
ATTITUDES (✓) 100/40 N
 SILTSTONE
 UNCONSOLIDATED
 SPECIMEN SITE A, B, ... DO NOT WRITE ON OTHER SIDE OR USE COLOURS
 CHEM [A, B, C]
 SIMPLE [X]
 DOLOMITE [X]
 INTRUSIVE [X]
 MINERALS [X]
 DONT FORGET

ASSUMED
 INFERRED
 DEFINED
 OBSERVED GEOLOGY
 S. GOSSANS
 WORKINGS, T
 NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, T
 JURIS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, T

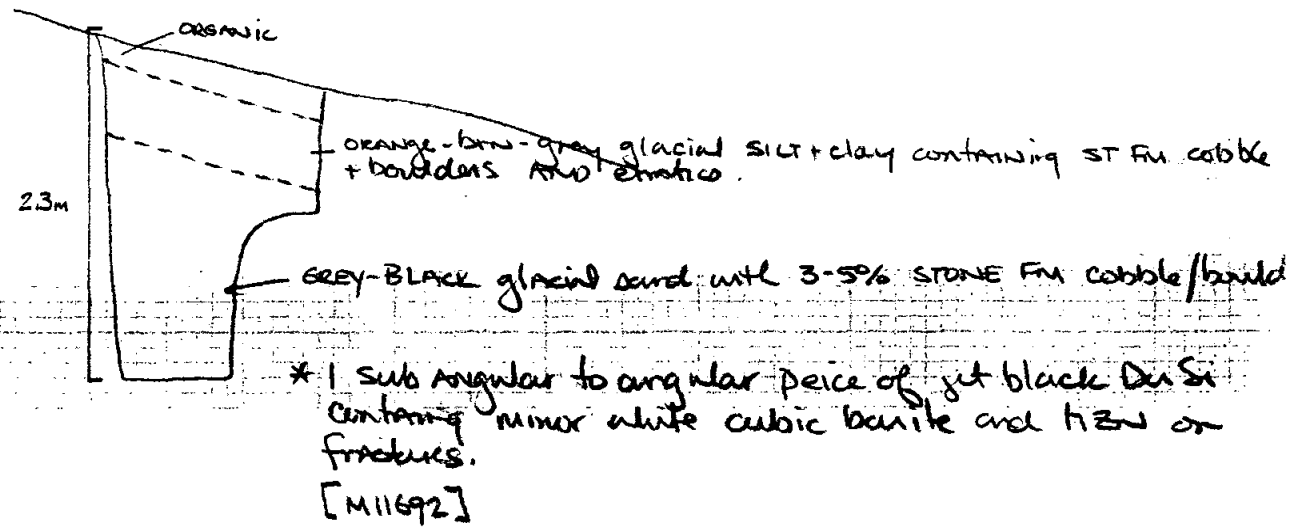
Project KADMET	NTS	Scale 1:50	Page of	Traverse
Sampler Weg	Location, Target (words)		Sample Nos	
Date Sept 23/02	photo no.	Pits ACROSS ANOMALY at 83N, 4+50E & 4+95E	Cert. Nos	

83N, 4+50E

Looking 020°



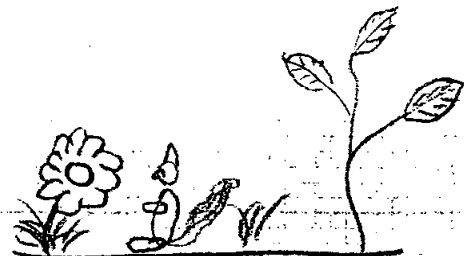
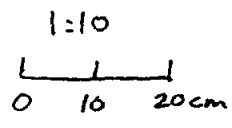
83N, 4+95E



ATTITUDES (X) 100/40 N
 CONTOUR LINES []
 SPECIMEN SITE A, B, ... DO NOT WRITE ON OTHER SIDE OR USE COLOURS
 SILT X SOIL ● ROCK ■ PAN Δ WATER O
 DOLOMITE [x] []
 MINERALS [] []

JUBA, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, T.S., GOSSANS, OBSERVED GEOLOGY: DEFINED — INFERRED — ASSUMED

Project	PRO	NTS	Scale	1:10	Page	1	of	1	Traverse
Sampler	Location, Target (words)				Sample Nos				
Date	Sept. 22/02				M11690				
	photo no UTM 445266 6396460				Cert. Nos				



litter, decomposing organics
 tan-brown organic soil

grey gravel sand mix,
 angular

Black sandy gravel, angular particles,
 poorly consolidated. Makes hands black.

Black to dark grey, silicified, sparks when struck, weathers grungy, looks like coal. Fractured. No Sulphides. bedding 140/25NE base 1.65m

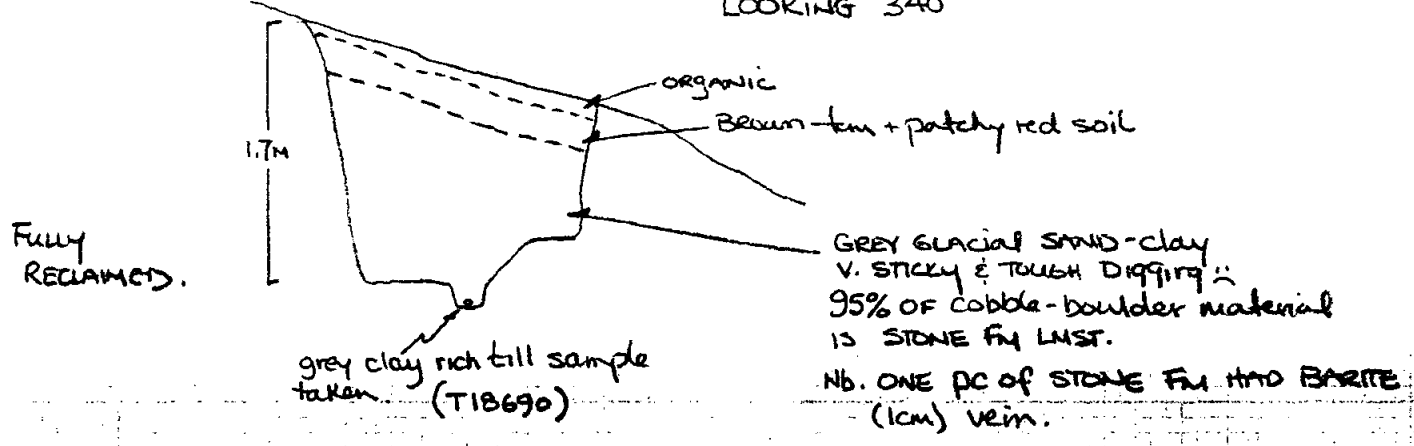
Rock chip M11690
 0.70m long but along strike.

ATTITUDES (✓) 100/40 N
 SILTSTONE
 CONSLUMINERIVE
 SPECIMEN SITE A, B, ... DO NOT WRITE ON OTHER SIDE OR USE COLOURS
 GHEAT
 WATER
 PAN
 ROCK
 SOIL
 DOLOMITE
 INTROJIVE
 MINERALS
 DONT FORGET CO

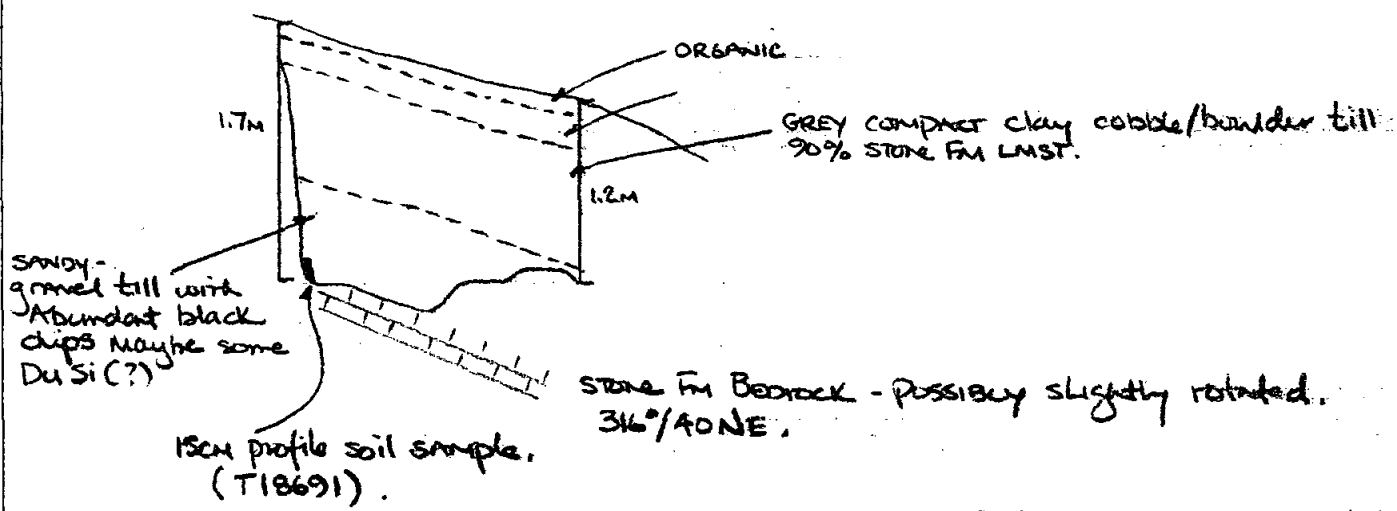
Project	PROJET	NTS	Scale	1:50	Page	of	Traverse
Sampler	WENG	Location, Target (words)			Sample Nos		
Date	Sept 21/02	photo no.	L85N, 4+50E & 4+75E Hand pits			Cert. Nos	

85N 4+50E

LOOKING 340°



85N 4+75E




ATTITUDES (✓) 100/40 N
MINERALS
DOLomite
SILT x SOIL ● ROCK ■ PAV Δ WATER O
SPECIMEN SITE A, B, ...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS
VOLCANIC/PLATE
SILTSTONE
ORIENT
DONT FORGET CURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, T.S., GOSSANS, OBSERVED GEOLOGY: DEFINED — INFERRED - - - ASS...

Project **PRO** NTS Scale **1:10** Page **1** of **1** Traverse

Sampler Location, Target (words) Sample Nos **M11684, T18688**

Date **Sept. 20/02** Pit **82+06N, 1+77E Profile** Cert. Nos


surface
litter, moss
black, organic

dark grey clay-
rich sandy gravel,
till

dark grey sandy
gravel, till

orange sandy gravel,
angular partides

M11684
T18688

pit floor depth 2.20m

ALTITUDES
(X) 100/40 N

Project PR20

NTS

Scale 1:500

Page 1 of 1

Traverse

Sampler

Location, Target (words)

Sample Nos M11681-4; T18688, 9

Date Sept 24/02

L82N Pits
photo no.

Cert. Nos

SILTSTONE

DOLOMITE

SPECIMEN SITE A, B, ...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

WATER

ROCK

SOIL

DOLOMITE

DOLOMITE

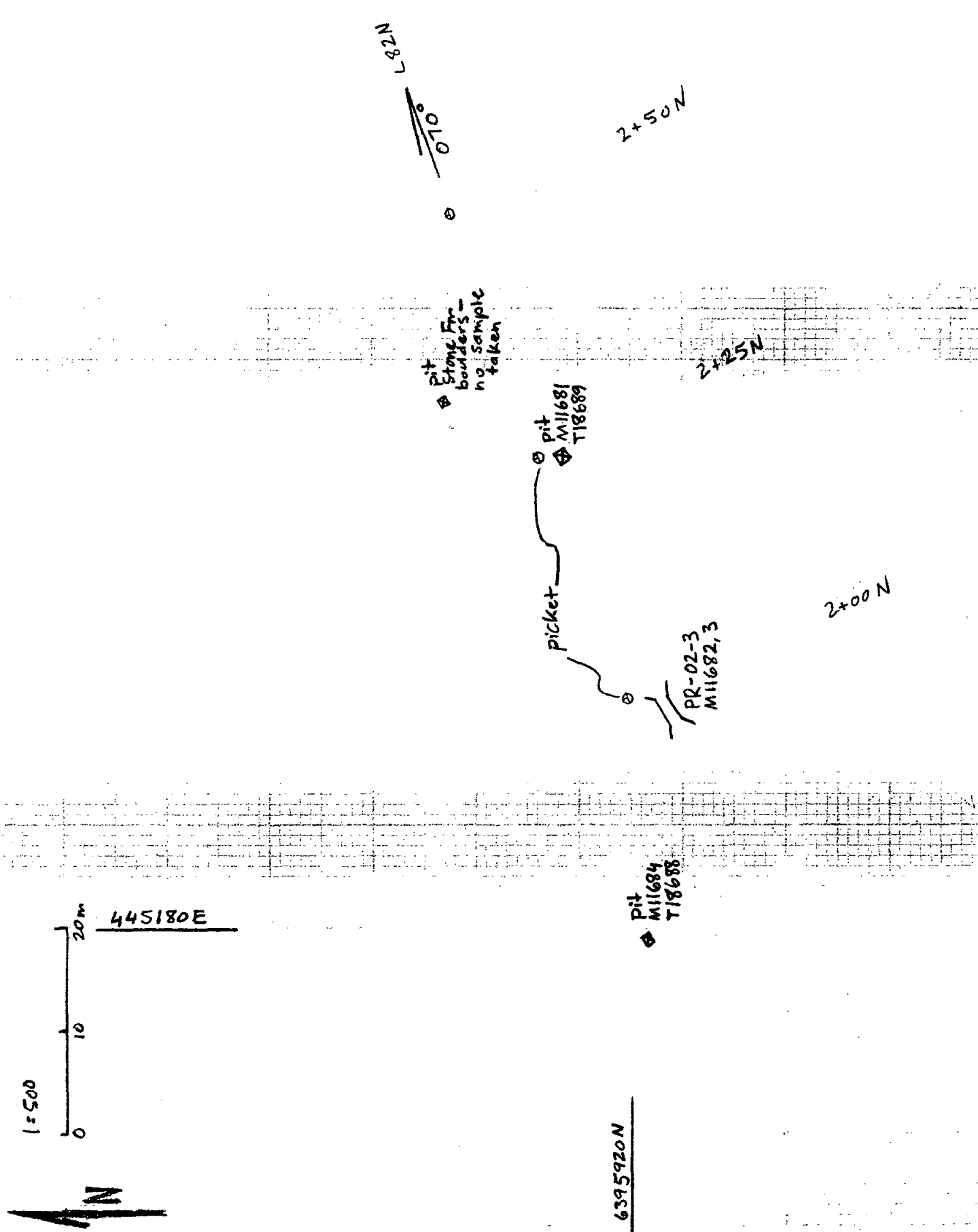
DOLOMITE

DOLOMITE

DOLOMITE

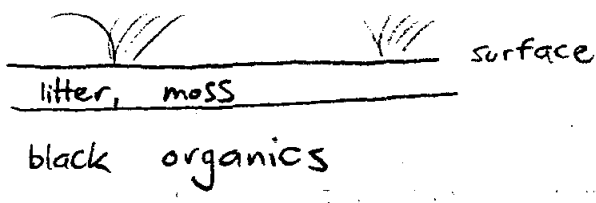
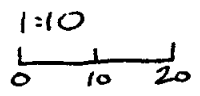
DOLOMITE

DON'T FORGET COURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, T.C.S, GOSSANS, OBSERVED GEOLOGY: DEFINED --- INFERRED --- ASSUMED



ATTITUDES
100/40 N

Project PRO	NTS	Scale 1:10	Page 1 of 1	Traverse
Sampler AB	Location, Target (words) Pit L84N 4+75E Profile		Sample Nos T18696	
Date Sept. 23/02	photo no.		Cert. Nos	



SILTSTONE

CUNGLUMERATE

SPECIMEN SITE A, B, ... DO NOT WRITE ON OTHER SIDE OR USE COLOURS

CHERT

WATER

ROCK

DOLOMITE

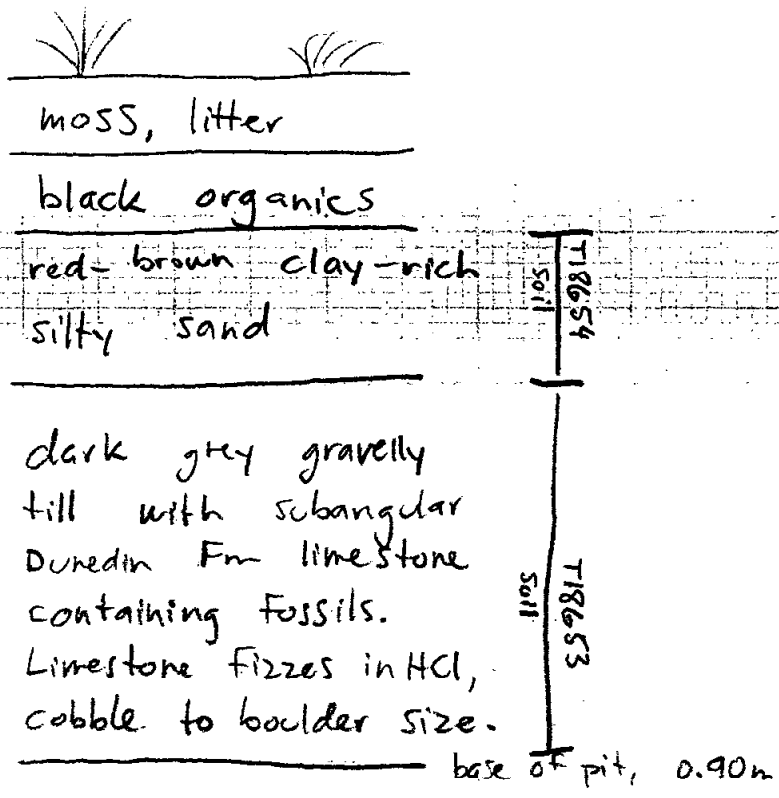
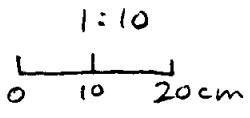
MINERALS

ASSUMED ----- INFERRED ----- DEFINED ----- OBSERVED GEOLOGY: COURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, T

ATTITUDES (✓) 100/40 N
 SILTSTONE
 UNGLAUCONIFEROUS
 SPECIMEN SITE A, B, ...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS
 CHERT
 WATER
 ROCK
 SOIL
 SILT
 X
 DOLOMITE
 MINERALS
 DONT FORGET

ASSUMED
 INFERRED
 DEFINED
 OBSERVED GEOLOGY
 S. GOSSANS
 WORKINGS, T
 SAMPLE SITES, WORKINGS, T
 LAT/LONG, SAMPLE SITES, WORKINGS, T
 NORTH ARROW, DRAINAGE, NORTH ARROW,

Project	PR20	NTS	Scale	1:10	Page	1 of 1	Traverse
Sampler	AB	Location, Target (words)			Sample Nos		
Date	Sept. 24/02	photo no.			Cert. Nos		
Location, Target (words): L81N S+2SE Pit Profile							

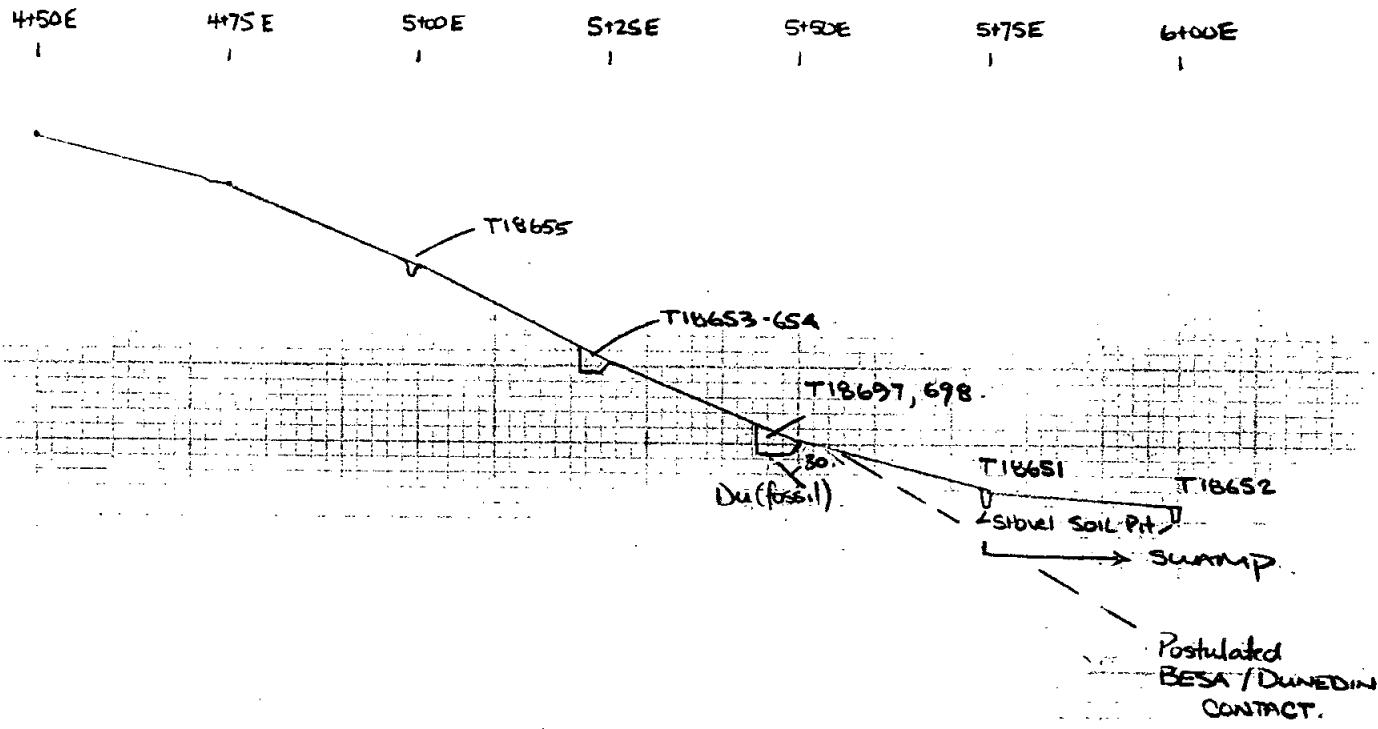


Note: Sample T18655 is from L81N, S+00E. Sample depth 0.30m, red-brown clay-rich silty sand, little gravel.

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

Project	PROPHET	NTS	Scale	Page	of	Traverse
Sampler	WEN6	Location, Target (words)			Sample Nos	
Date	Sept 24/02	photo no. L.81N - ZINC WORKMLY			Cert. Nos	

1:1000
L.81N



HAND PIT 81N, S+42E

1:20

