ASSESSMENT EVALUATION REPORT

DAWSON MINING DISTRICT

NORDLING & RUDIS

094212

QUARTZ MINING CLAIMS

AL 1 TO 22 (YC13391 - YC13412)

AX 1 TO 12 (13379 - YC13390)

TIM 1 TO 2 (YC20309 - YC20310)

SHA 1-4 (YC20311 - 20314)

ASSESSMENT PERIOD: 1999-2000

Albert W. Rudis

April 11, 2001

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This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 4800.00.

M. B.

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

1. **REPORT:** This report covers Assessment Work accomplished in August 2000.

   a) Claim Information:

      AL 1 TO 22 (YC13391 - YC13412)

      AX 1 TO 12 (13379 - YC13390)

      TIM 1 TO 2 (YC20309 - YC20310)

      SHA 1-4 (YC20311 - 20314)

   b) Location Map: The general location of these claims is shown in Appendix 1. The overall area is on the Quad Map 115N-16.

   c) Claim Map: A claim map is given as Appendix 2.

   d) Access: Access is by helicopter.

2. **SUMMARY:**

   a) A Total Field Magnetic Survey was run along the first two miles of Cheryl Creek, the 50 Mile Creek tributary over which the Al, Tim and Sha quartz claims are placed. In addition, a 150 meter base line magnetic survey was run on the 50 Mile Terrace just below Cheryl Creek. Placer and or hard rock anomalies are present the full length of the surveys.

   b) Significant to large hardrock-type magnetic anomalies show up on the Cheryl Creek Magnetic Survey Report stacked profile and contour maps at L400S - L560S, L760 - L800N, L1440N, and L1920N.

   c) Previously sampled placer gold on lower Cheryl Creek is largely coarse with a few pieces showing enclosed fragile cuprite crystals. This indicates that the source, or sources, of the placer gold could lay within, or close to, the Magnetic Survey Grid.

   d) Outcrops sampled over the Magnetic Survey Grid show that Cheryl Creek is cut by several zones of ultramafic.

   e) Sampling also shows that the grid area has had an episode of pyritic, and probably gold, mineralization that saw injection along zones of

weakness. These postdate an extensive quartz stringer and quartz lens insertion into the country rock types.

f) Further sampling including shafting or drilling down to bedrock is recommended at the sites of possible hardrock-type magnetic anomalies on Cheryl Creek and the 50 Mile Terrace.

3. GEOLOGY AND PREVIOUS WORK:

a) General Geology: The local geology of the area is described in DIAND Open File 1996-1G, specifically in its coverage of 115N/15,16. An extract from the Geologic Map it presents is included at Appendix 3. The report states:

> "Northern Stewart River map area southwest of the Tintina Fault Zone is underlain by two distinct lithotectonic assemblages: 1) medium to high grade, polydeformed metasedimentary and met-igneous rocks of the Yukon-Tanana Terrane, and 2) weakly deformed and metamorphosed rocks to the Slide Mountain Terrane. These two assemblages are both mainly Paleozoic in age in the study area, and were juxtaposed by regional scale thrust faults in Early Mesozoic time, during a period of terrane accretion that affected much of the northern Cordillera. A variety of younger (post-accretion) volcanic, plutonic and sedimentary rocks are also present in the study area."

The claim area falls within the Yukon-Tanana Terrane as described in this Open File.

b) Major Rock Units (from Open File 1996-1G):

- 1Kva: andesite flows and brecias. (late Cretaceous)
- DMS: medium to coarse grained mica schist. Commonly garnetiferous amphibolite, minor quartzite. (late Devonian)
- 1Kgdr:massive hornblende-biotite granodiorite.(late Cretaceous)
- 1Kst: sandstone, pebble conglomerate, minor shale, commonly coal-bearing. (late Cretaceous)
- DMgg: moderately to strongly foliated K-feldspar augen-bearing quartz monzonitic to granitic gneiss (S. Fiftymile Batholith). (early Mississippian)
- EJQM: massive to weakly foliated biotite and biotite-muscovite quartz monzonite and granite; includes abundant pegmatite and aplite phases. (early Jurasic)
- DMc: marble. (late Devonian to early Mississippian)
- 1Kgdr:massive hornblende-biotite granodiorite.(late Cretaceous)

- Psqm: rusty weathering quartz muscovite schist. (late Permian)
- Dmgdg: massive to strongly foliated dioritic to granodioritic gneiss (N. Fiftymile Batholith) (early Mississippian)

c) Cheryl Creek Rock Units:

1. Amerok's Total Magnetic Field Survey Report states that Cheryl Creek is underlain by two rock units. It further states: "To the North of L1190N (about the top of the Al 1 and Al 2 claims) the property is underlain by metamorphic mafic rocks including amphibolite and ultramafic rocks belonging to the Nising, Nasina , and Slide Mountain assemblages. These rocks appear to strike east-west based on their aeromagnetic signature. South of L1190N, the property is underlain by orthogneiss of the Fifty Mile Batholith. The Report also observes "that the intrusive rocks have a very subdued aeromagnetic signature. Residual magnetite in placer deposits on Cheryl Creek is likely derived from the northern rock unit."

2. Outcrops exposed at the ends of Survey lines show that Cheryl Creek is cut by several zones of ultramafic well below L1190N. Ultramafic has been found at L280S, L120S, L00, L40N, and L720N. Those checked, however, do not appear to be magnetic. A hand pit sample (F3-7) taken in 1998, also exposed a seam of decomposed ultramafic at about L1040N. It showed 46ppb Au along with minor W and Hg.

d) Local Structure:

1. The area is structurally complex and has a scarcity of exposures. A regional scale thrust fault dominates the 50 Mile Creek along its left limit. The valley of the 60 Mile River in the central and western part of the Sixtymile District follows a northeast-trending graben structure that has downdropped Cretaceous volcanic and sedimentary rocks against metamorphic rocks of the Nasina and Klondike Schist. Cretaceous strata are cut by steeply-dipping normal faults. All of the smaller bodies of greenstone and/or ultramafic rocks in the area are thought to mark thrust faults.

2. As indicated on Appendix 7, and noted in the Amerok Report, there is a probable major fault running east - west about one mile up Cheryl Creek. It is located at about L1190N. This fault marks a change from metamorphic and magnetic mafic rocks, and the orthogneiss of the Fifty Mile Batholith. Structure taken close by this fault shows a strike of 069° and dip of 30° east. The

various ultramafic zones crossing Cheryl Creek are probably all related to thrust faults.

e) Previous Work: Previous MINFILE and other work reported in the general area is as follows:

1. *MINFILE #115N 039:* North-northeast striking, mesothermal (?) quartz-carbonate veins with major Ag, Pb and minor Au, Zn. 63-55-29N 140-48-52W
2. *MINFILE #115N 040:* Lenses of galena and arsenopyrite with minor sphalerite, tetrahedrite and boulangerite in northeast-striking quartz veins. Major Ag, Pb and minor Au, Zn. 63-54-50N 140-47-46W
3. *MINFILE #115N 042:* An epidote-magnetite-diopside skarn containing minor chalcopyrite and pyrrhotite developed at the contact between a marble layer and the intrusion (Dms and 1Kgdr). Major Cu, Ag, Pb, Au. 63-54-58N 140-34-35W
4. *MINFILE #115N 043:* 300 m long skarn with traces of malachite and old workings. 63-53-26N 140-37-40W
5. *MINFILE #115N 044:* Late Cretaceous quartz pebble conglomerate (unit 1Kst), with one specimen containing a small rounded flake of gold. The conglomerate has a thickness of 15-30 m and outcrops over approximately 0.8 km. It is capped by, and may extend under, andesitic volcanic rocks (unit 1Kva). No mineralization was found in 1973 by Silver Standard. Paleoplacer with Au as the major commodity. 63-53-18N 140-25-10W
6. *MINFILE #115N 119:* Another outcropping of unit 1Kst defined in MINFILE #115 044. 63-55-10N 140-25-32W
7. *MINFILE #115N 123:* A thrust -fault-bounded lens of serpentinite occurs along the fault to the east of the occurrence. A vuggy quartz carbonate vein with silver and minor gold, copper and no visible sulphides, outcrops on the hanging wall of the fault. 63-58-31N 140-53-15W
8. *MINFILE #115O 158:* Traces of disseminated galena within a very rusty weathering band of pyritic muscovite-quartz schist (Psqm) of Klondike Schist assemblage. 63-56-58N 140-42-48W
9. Magnetic Survey #120115: Done by Yukon Engineering Services in 1989, magnetic survey #120115 ran lines on the 50 Mile high terrace below the confluence of Cheryl Creek on the current Ax 2 Quartz Claim. It concluded that the high magnetic anomaly (230 gamma) that was found was probably controlled by a local rock unit. It stated, however, that a there is a possibility that the anomaly indicates the presence of placer

material with an unusually large, linear deposit of magnetite in the gravel.

10. *Total Magnetic Field Survey of the Cheryl Creek Property, Fifty Mile River Area, Yukon Territory, A Report for Al Rudis by Amerok Geosciences, Ltd.*, dated October 24, 2000. It contains a description of pysiology and placer geology more specific to the Field Survey area.

3. CURRENT WORK PERFORMED:

a) A Total Field Magnetic Survey was run along the first two miles of Cheryl Creek, the 50 Mile Creek tributary over which the Al, Tim and Sha claims are placed. In addition, a 150 meter long magnetic survey was run on the 50 Mile Terrace just below Cheryl Creek.

b) Survey Grids:

1. *Cheryl Creek:* The primary survey grid was laid out over two miles of the length of Cheryl Creek beginning near its mouth. A Total Magnetic Field Stacked Profile, showing the grid and the location of stream side hills, is given at Appendix 5. A Total Magnetic Field Contour Map is shown at Appendix 7.

2. *50 Mile Terrace*: This grid is on the Al 11 and 22 claims on the 50 Mile Terrace just below the Cheryl Creek mouth. The baseline runs 150m with stations 5m apart and lines about 300m long. A Total Magnetic Field Stacked Profile is shown at Appendix 6.

c) Magnetic Survey Personnel and Equipment: Geophysical Technician, Shawn Ryan, c/o Box 887, Dawson City, conducted the survey. He was equipped with 1 -GEM Overhauser magnetometer, and 1-GEM Proton precession magnetometer.

d) Sampling: Current samples from outcrops and slide rock were taken mostly in proximity to the valley slope at the ends of the Survey grid lines. Nineteen hardrock samples were taken. Four soil/silt samples were taken. Sample location is shown at Appendix 5. Sample Assay Reports are given in Appendix 4. Previously sampled placer gold is largely coarse with a few pieces showing enclosed fragile cuprite crystals. This indicates that a probable gold source lies within the Magnetic Survey grid.

5. MAGNETIC SURVEY RESULTS:

a) The total magnetic field survey along Cheryl Creek shows a semi-continuous magnetic anomaly that probably defines an old stream channel of high magnetic concentration. This probable stream channel extends the full two mile length of the survey.

b) A full description and results of the Cheryl Creek survey are given in *Total Magnetic Field Survey of the Cheryl Creek Property, Fifty Mile River Area, Yukon Territory, A Report for Al Rudis by Amerok Geosciences, Ltd.*, dated October 24, 2000.

c) The total magnetic field survey run on the Al 11 / Al 22 claims on the 50 Mile Terrace shows an magnetic anomaly that builds in intensity as it goes East. It runs the length of its 150m baseline with a width that starts at 100m and increases downstream to 175m at the last line. A stacked profile of this survey is given at Appendix 3.

d) This Al 11 / Al 22 anomaly is significant in that it appears to correlate with a high value (230 gamma) anomaly found in the magnetic survey done by Yukon Engineering Services in 1989 (Minfile Report #120115). This anomaly runs 100m long, up to 60m wide, and is open on both ends. Report #120115 states: *this response is not likely from the alluvium, indicating rather a large (40 metres by at least 100 metres) rock unit of anomalous high magnetic susceptibility. There is no outcrop in the immediate area of the grid to identify, and establish strike and dip attitudes. ... There is a remote possibility that it could be caused by an unusually large, linear deposit of magnetite in the gravel.* The Report #120115 anomaly is about 100 meters downstream of the one on Al 11 / Al 22. These appear to align with both the 50 Mile Creek channel, and the large regional thrust fault that defines the Northern limit of the Creek channel.

e) Significant to large magnetic hardrock-type anomalies show up on the Cheryl Creek Report stacked profile map (Appendix 5) at L400S through L560S, and L760 through L800N. The L400S - L560S anomaly is about 150 meters long and runs over 500 gamma. Spike/high magnetic areas of over 500 gamma occur at L800N and L1920N. A spike/high magnetic area of over 400 gamma is at L1440N. These anomalies also show up on the Contour Map (Appendix 7). They appear to align with both the Cheryl Creek channel and underlying rock structure.

f) As is indicated on Appendix 7, and noted in the Amerok Report, there is a probable major fault running east - west about one mile up Cheryl Creek. This fault is located at about L1190N. It marks a change from metamorphic and magnetic mafic rocks, and the orthogneiss of the Fifty Mile Batholith. Structure taken close by this fault shows a strike of 069° and dip of 30° east. The various ultramafic zones crossing Cheryl Creek are probably all related to thrust faults.

g) As noted above under *Cheryl Creek Rock Units,* outcrops exposed at the ends of Survey lines show that Cheryl Creek is cut by several zones of ultramafic. Ultramafic has been found at L280S, L120S, L00, L40N, and L720N. These are within the Fifty Mile Batholith zone described above. Samples checked did not appear to be magnetic. A hand pit sample (F3-7) taken in 1998 also exposed a seam of decomposed ultramafic at L1040N. It showed 46ppb Au along with minor W and Hg.

6. ASSAY RESULTS:

a) Assay reports are shown at Appendix 4.

b) Samples with significant results are as follows:

1. 00-W-80: 214ppm Ni, 1134ppm Cr, 44ppm Cu, 65ppm Zn, 1.7ppm Cd, 50ppm Co, 5Sb, 9ppb Au.

2. 34N 140E: 100ppm Zn, 29ppm Cu, 5ppm Mo, 9ppb Au.

3. Post-2-Ber-18: 24ppb Au, 150ppm Zn, 5ppm Mo. (Ultramafic)

7. SAMPLE ROCK TYPES:

1. Shabber-1-Float: Float . Quartz with pyrite, chalcopyrite, and sphalerite mineralization along contact with schist edge.

2. Post-2-Ber-18: Float from bank. Ultramafic. Mostly pyroxene and olivine.

3. Post-2-Ber-18 River: Float from bank. Felsic quartz, feldspar pegmatitic rock in contact with small lens of pyroxene, serpentinized olivine, mica. Lenses appear injected along fracture with little alteration of host rock. Shows 1624ppm Ba, 98ppmCr, and 511ppmSr.

4. 00-W80: Slide rock on bank. 30'X30' exposed. Ultramafic. Possible intrusive. Pyroxene, serpentinized olivine. Chrome (1134ppm).

5. N 110W A: Slide rock on bank. Ultramafic with quartz inserted along fractures. One quartz pod 12"X5". Quartz microstructure.

6. N 110W: Slide rock on bank. Very dark mafic gneiss.

7. 14N 180W: Slide rock on bank. High quartz gneiss or schist with quartz stringers up to 4" thick.

8. 14N 180WA: Slide rock on bank. High quartz gneiss or schist with quartz stringers up to 4" thick.

9. 8N 140E: Outcrop. High quartz gneiss with 4" thick quartz vein. Nearby olivine/pyroxene float not sampled.

10. 25N 140E: Slide rock on bank. Light felsic gneiss. 12ppb Au.

11. 34N 00: Float from bank. 1 foot X 1 foot not rounded, rough rock of pure milky white calcite/limestone. No alteration shown. 9ppbAu.

12. 34N 140MO, 34N 140M1A, 34N 140M1B, 34N 140M1C: Outcrop 30'X30'. High quartz banded gneiss with pronounced gossan. Strike 069°, Dip 30° E. 100ppmZn, 29ppmCu, 5ppmMo.

13. 53N 120E: Slide Rock from bank. Ultramafic and Quartzite in close proximity. Samples mixed giving light ultramafic signature to ICP. 64ppmZn, 37ppmCu, 8ppmAu.

14. 57 EndW 40 M: High quartz schist or gneiss with sparse pyrite.

15. 57 EndW 40 B: High quartz schist or gneiss with sparse pyrite.

16. 51N-130E, 53N-120E, S17N-100E, B 61S: Sediment samples.

8. CONCLUSIONS AND RECOMMENDATIONS:

a) Placer gold, previously sampled within the first km of Cheryl Creek, is largely coarse with a few pieces showing enclosed fragile cuprite crystals. Placer geologists at DIAND advise that this indicates a relatively close placer gold source, possibly within 1km. Accordingly

b) Testing for placer gold on Cheryl Creek and throughout the 50 mile area shows that the higher the magnetite concentration, the higher the placer gold content. This indicates an association of placer gold with magnetite, possibly at its hard rock source. Accordingly, the high value total magnetic field anomalies on Cheryl Creek and the 50 Mile terrace are potential areas of gold concentration. If the anomaly is caused by alluvial concentration, it is a prime target for placer gold. If, as concluded in Magnetic Survey Report #120015, the high value anomalies are from a rock unit, it is a potential source of the placer gold.

c) The high value magnetic anomalies thus far found on Cheryl Creek and the 50 Mile Creek Terrace align with the local rock structure, but also with the Creek channel.

d) The magnetic anomaly of Magnetic Survey Report #120115 and anomaly of the Al 11 / Al 22 survey are possibly continuous which would define a rock structure or magnetic channel of at least 40 meters by 375 meters.

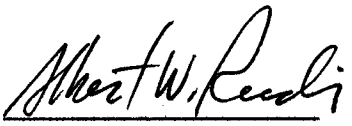
e) The overall survey along Cheryl Creek shows a semi-continuous magnetic anomaly that probably defines an old stream channel of high magnetic concentration. This probable stream channel extends the full two mile length of the survey. This indicates that some of the Creeks magnetite and possible placer gold source extends to over two miles from its mouth. Given the coarse nature of and included minerals in the placer gold, this could mean that the source, or one of the sources, is relatively close to the end of the grid line.

f) Sampling also shows that the grid area has had an episode of pyritic, and probably gold mineralization that saw injection along zones of weakness and postdates quartz stringer and quartz lens insertion.

g) Further sampling including shafting or drilling down to bedrock is recommended at the sites of the possible hardrock-type magnetic anomalies on Cheryl Creek and on the 50 Mile Terrace. Targets should include the anomaly of the Magnetic Survey Report #120115, and at L400S - L560S, L760 - L800N, L1440N, and L1920N on the Cheryl Creek Magnetic Survey grid.

9. STATEMENT OF QUALIFICATIONS:

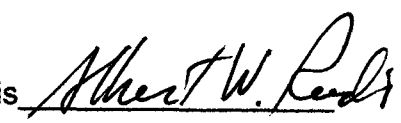
Albert Rudis has 15 years of experience in exploration and evaluation of mining properties. 9 years of this was in Nevada, where for over five years he served as the President of Nevada International, Inc., a small Nevada mining exploration and development corporation. He received three years of training on exploration in the Nevada Basis and Range Province from an exploration geologist partner with over 10 years of experience in Nevada. Mr. Rudis also has extensive research and analytical experience with the U.S. Government, five years of which was in scientific research and development as an operations research analyst at a U.S. Navy Laboratory. For the past six years Mr. Rudis has lived in Dawson City, Yukon. During this period he has been involved in placer mining on a full time basis, and has conducted exhaustive research into both historical and current placer mining operations and procedures. He has assisted and advised local miners on a voluntary basis as requested, and has consulted with select local placer miners with emphasis on ground evaluation, processing plant effectiveness, and drilling procedure. Mr. Rudis has a BS degree in Geology from Trinity College, Connecticut, and an MBA from the University of Oregon. Utilizing local archival and Whitehorse technical resources, he carried out an intensive six month period of self study in all aspects of historical and modern Klondike placer mining. He attended the Geoscience Forum in Whitehorse in 1997,1998,1999, and 2000, where he participated in all available short courses and technical sessions. He attended the Dawson Gold Show technical sessions each year from 1996 to 2000.

Albert W. Rudis  April 11, 2001

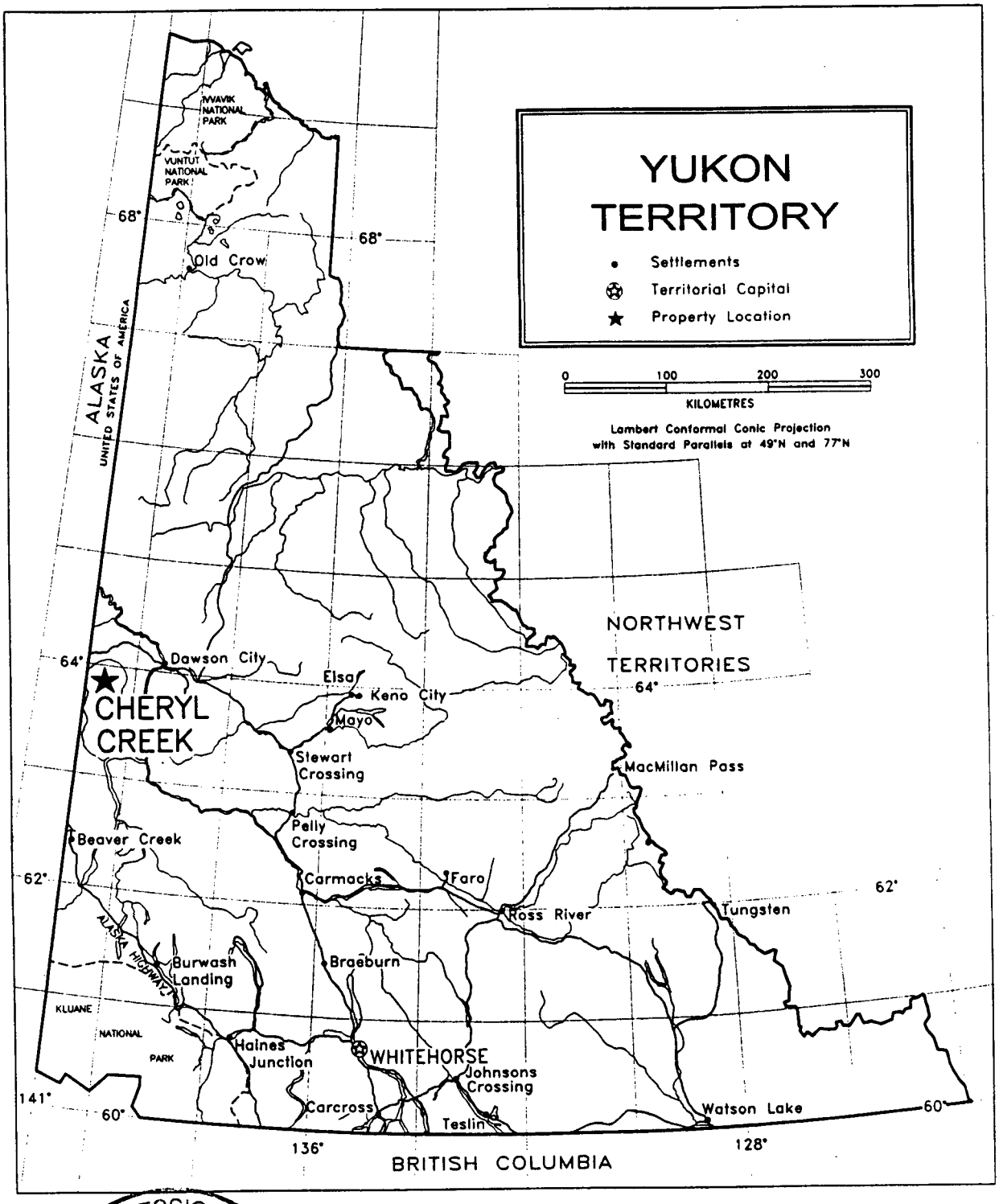
10. CERTIFICATION OF COST:

a. Two days field sampling:	$ 700
b. Assay work:	$ 608
c. Analysis and Report:	$ 2400
d. Transportation (helicopter)	$ 1165
e. **Total Cost:**	**$ 4872**

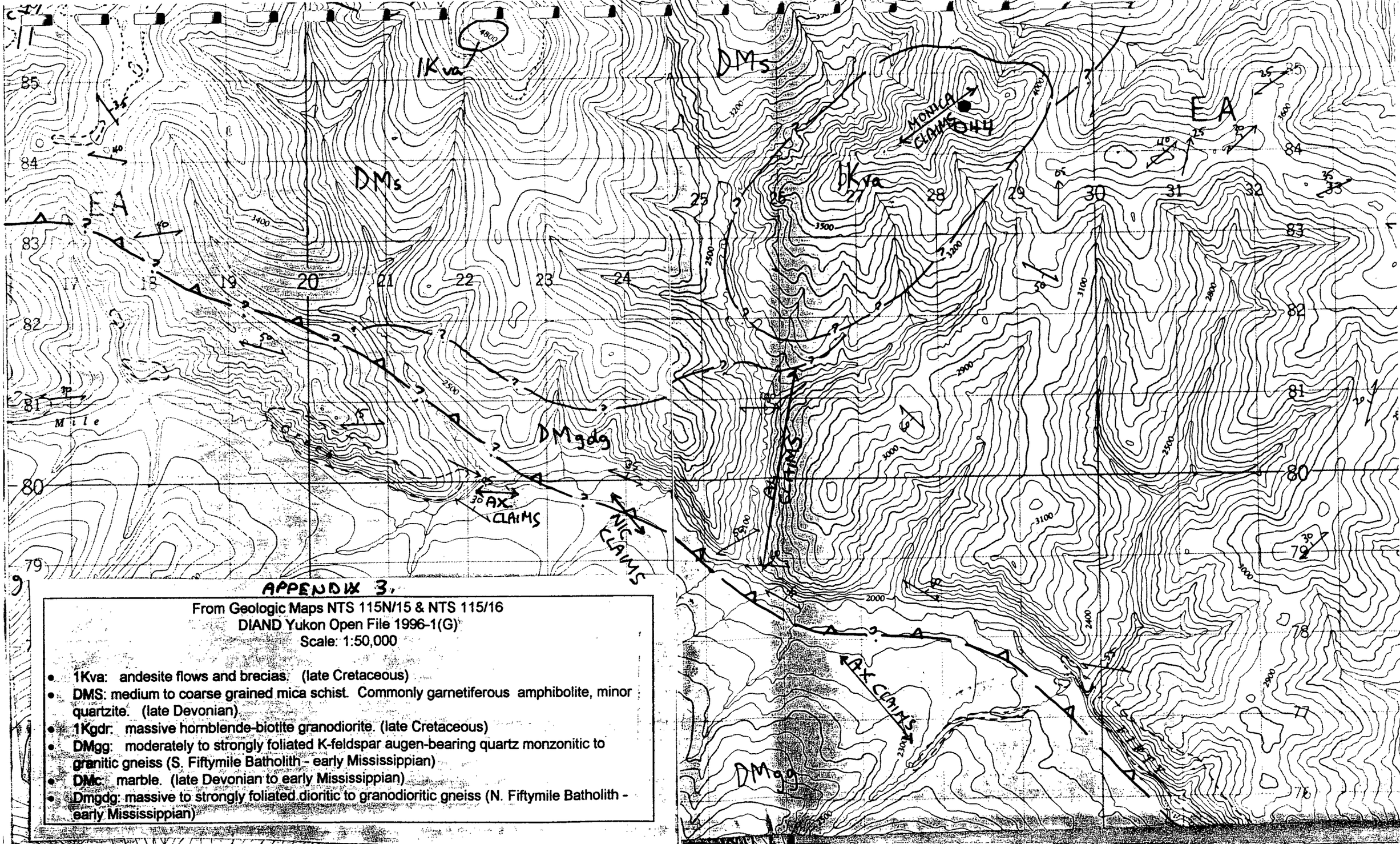
Certified to be true costs:

Albert W. Rudis  April 11, 2001

Appendix I.



AL RUDIS	CHERYL CREEK PROPERTY
PROPERTY LOCATION	MINING DISTRICT: DAWSON
	NTS: 115 N\16 / SCALE 1: 6 000 000
	DRAWN BY: HDS
Amerok Geosciences Ltd.	DATE: 2000.10.16 / FIGURE: 1



APPENDIX 3.

From Geologic Maps NTS 115N/15 & NTS 115/16
DIAND Yukon Open File 1996-1(G)
Scale: 1:50,000

- 1Kva: andesite flows and brecias. (late Cretaceous)
- DMS: medium to coarse grained mica schist. Commonly garnetiferous amphibolite, minor quartzite. (late Devonian)
- 1Kgdr: massive hornblende-biotite granodiorite. (late Cretaceous)
- DMgg: moderately to strongly foliated K-feldspar augen-bearing quartz monzonitic to granitic gneiss (S. Fiftymile Batholith - early Mississippian)
- DMc: marble. (late Devonian to early Mississippian)
- Dmgdg: massive to strongly foliated dioritic to granodioritic gneiss (N. Fiftymile Batholith - early Mississippian)

Appendix 4.

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04/10/2000 Certificate of Analysis

Al Rudis WO# 00138

Certified by

	Sample #	Au ppb
	-80 +200 Mesh	
s	BG1S	11
s	EN-1	9
s	EN-2	17
s	FR-1A	14
s	FR-1B	14
s	FR-2	13
s	FR-3	13
s	FR-4	26
s	FR-5	26
s	JIM-1	15
s	JIM-1A	17
s	JIM-2	12
s	JIM-3	14
s	R186#15	14
s	51N-130E	11
s	53N-120E	24
s	517N-100E	12
s	YK9-SILT	13
	-200 Mesh	
s	BG1S	7
s	EN-1	10
s	EN-2	12
s	FR-1A	9
s	FR-1B	10
s	FR-2	8
s	FR-3	8
s	FR-4	35
s	FR-5	75
s	JIM-1	10

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Al Rudis

WO# 00138

Certified by

	Sample #	Au ppb
s	JIM-1A	9
s	JIM-2	<5
s	JIM-3	5
s	R186#15	8
s	51N-130E	6
s	53N-120E	8
s	517N-100E	6
s	YK9-SILT	12
r	EN-1R	<5
r	FR-ROCK-1	<5
r	FR-ROCK-2	<5
r	GRAP-1	<5
r	JIM-PORPHRY	9
r	JIM-ROCK-1	5
r	JIM-ROCK-2	5
r	JIM-ROCK-3	6
r	JIM-ROCK-4A	5
r	JIM-ROCK-4B	6
r	JIM-ROCK-4C	32
r	JIM-ROCK-5	7
r	JIM-ROCK-6	26
r	JIM-ROCK-7 2002	7
r	JIM-ROCK-7 2000	8
r	JIM-ROCK-8	6
r	JIM-ROCK-9	6
r	JIM-ROCK-102	8
r	POST-2-BER-18	24
r	POST-2-BER-18 RIVER	5
r	R186-1	8
r	R186-2	10

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Al Rudis

WO# 00138

Certified by

	Sample #	Au ppb
r	R186-3/4	10
r	R186-3	10
r	R186-4	9
r	R186-5	10
r	R186-6	8
r	R186-7	10
r	R186-8	10
r	R186-9	20
r	R186-10	11
r	R186-12	15
r	R186-13	14
r	R186-16	14
r	SAMP-10	8
r	YK-1	17
r	YK-2	11
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r	YK-4	11
r	YK-5	10
r	YK-6	7
r	YK-8	14
r	50M-1R	8
r	50M-3R	7
r	60M-1	9
r	00-W80	9
r	1N 110W A	6
r	1N 110W	9
r	1N 180W	8
r	14N 80W	8
r	14N 80W A	7
r	18N 140E	9

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Al Rudis

WO# 00138

Certified by

	Sample #	Au ppb
r	25N 140E	12
r	34N 00	9
r	34N 140M0	7
r	34N 140M1A	9
r	34N 140M1B	8
r	34N 140M1C	7
r	53N 120E	8
r	57 END W40B	9
r	57 END W40M	9

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CERTIFICATE OF ANALYSIS
iPL 00I1281

Client : Northern Analytical Laboratories
Project: W.O. 00138

18 Samples
18=Pulp

[128114:23:18:00100600]

Out: Oct 06, 2000
In : Sep 28, 2000

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
FR-2 ROCK	P	<	8	8	7	<	<	<	2	<	<	0.2	2	6	1149	<	103	2	65	8	16	3	<	<	0.07	0.01	0.33	0.01	0.03	0.01	<
GRAP-1	P	<	15	7	32	<	<	<	8	<	<	<	3	6	992	<	164	834	125	11	28	59	5	0.12	3.26	0.02	0.54	0.35	1.50	0.10	0.02
JIM ROCK-1	P	<	48	5	20	<	<	<	<	<	<	0.2	2	7	329	<	225	11	332	<	8	2	1	0.01	0.36	0.01	0.55	0.02	0.14	0.01	0.01
14N-80WA	P	<	4	19	20	<	<	<	3	<	<	<	5	6	1100	<	73	16	57	13	97	15	2	0.09	9.3%	0.48	0.86	0.27	3.37	1.55	0.11
34N-140M 1A	P	<	29	27	100	<	<	<	5	<	<	<	19	19	672	<	150	90	821	20	103	16	15	0.24	8.0%	2.48	4.12	1.73	1.61	1.65	0.05
34N-140 MD	P	<	17	23	36	<	<	<	4	<	<	<	14	22	815	<	194	43	258	24	89	10	8	0.19	5.5%	0.57	2.05	0.72	1.79	1.19	0.02
POST 2 BER 18	P	<	13	22	150	<	<	<	5	<	<	<	60	21	532	<	34	479	946	<	151	33	45	0.51	7.7%	9.26	11%	6.51	1.26	1.37	0.39
POST 2 BER 18 RIVER	P	<	10	17	11	<	<	<	2	<	<	<	6	4	1629	<	98	29	72	5	811	14	2	0.06	8.7%	1.32	0.71	0.24	2.07	3.87	0.01
S7 END W4DB	P	<	4	11	19	<	<	<	3	<	<	<	4	4	1698	<	85	10	278	34	139	31	4	0.10	7.7%	1.05	1.43	0.27	2.11	2.74	0.01
SAMPLE 10	P	<	5	39	41	<	<	<	3	<	<	<	4	2	1748	7	89	3	108	13	32	58	2	0.06	7.3%	0.06	0.84	0.06	6.00	1.61	<
R186- 1	P	0.1	10	10	21	<	<	<	4	<	<	0.4	3	4	1988	<	201	297	38	5	39	27	3	0.04	1.30	0.08	0.45	0.08	0.52	0.05	0.06
R186- 4	P	<	34	8	14	<	<	<	1	<	<	0.4	2	6	221	<	206	8	40	<	8	3	1	0.01	0.37	0.01	0.44	0.02	0.11	0.02	0.01
R186- 6	P	<	15	34	77	<	<	<	4	<	<	<	19	12	4209	<	145	83	364	18	153	25	12	0.33	6.4%	0.43	3.70	1.01	4.07	0.60	0.03
R186- 7	P	<	8	26	110	<	<	<	4	<	<	<	23	10	1670	<	100	128	746	36	288	38	17	0.47	9.3%	3.26	4.90	1.62	2.53	1.71	0.20
R186- 8	P	<	10	11	10	<	<	<	4	<	<	0.8	3	3	2285	<	161	242	93	9	26	42	4	0.05	1.62	0.02	0.67	0.11	0.76	0.11	0.06
R186-12	P	<	14	27	36	<	<	<	8	<	<	<	6	5	4017	<	138	32	72	39	244	55	9	0.12	6.7%	0.12	1.36	0.27	2.72	0.98	0.01
R186-16	P	<	20	15	50	<	<	<	1	<	<	<	12	20	1409	<	174	70	124	13	37	23	7	0.17	3.72	0.17	2.47	0.61	1.41	0.50	0.02
00W8016	P	<	44	11	65	<	5	<	4	<	<	1.7	50	214	230	<	1134	143	1610	4	147	11	39	0.16	3.42	10%	6.2%	11%	0.27	0.56	0.04
Min Limit		0.1	1	2	1	5	5	3	1	2	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		99.9	20000	20000	20000	9999	999	9999	999	999	9999	999.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	5.00	9.99	5.00	9.99	9.99	5.00	5.00
Method		ICPM	ICPM	ICPM	ICPM	ICPM	ICP	ICPM	ICP	ICP	ICPM	ICPM	ICPM	ICPM	ICPM	ICP	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM	ICPM

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No SampleP=Pulp

INTERNATIONAL PLASMA LABORATORY LTD.
2036 Columbia Street
Vancouver, B.C.
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Email ipl@direct.ca

CERTIFICATE OF ANALYSIS
iPL 00I1282

Client : Northern Analytical Laboratories
Project: W.O. 00138

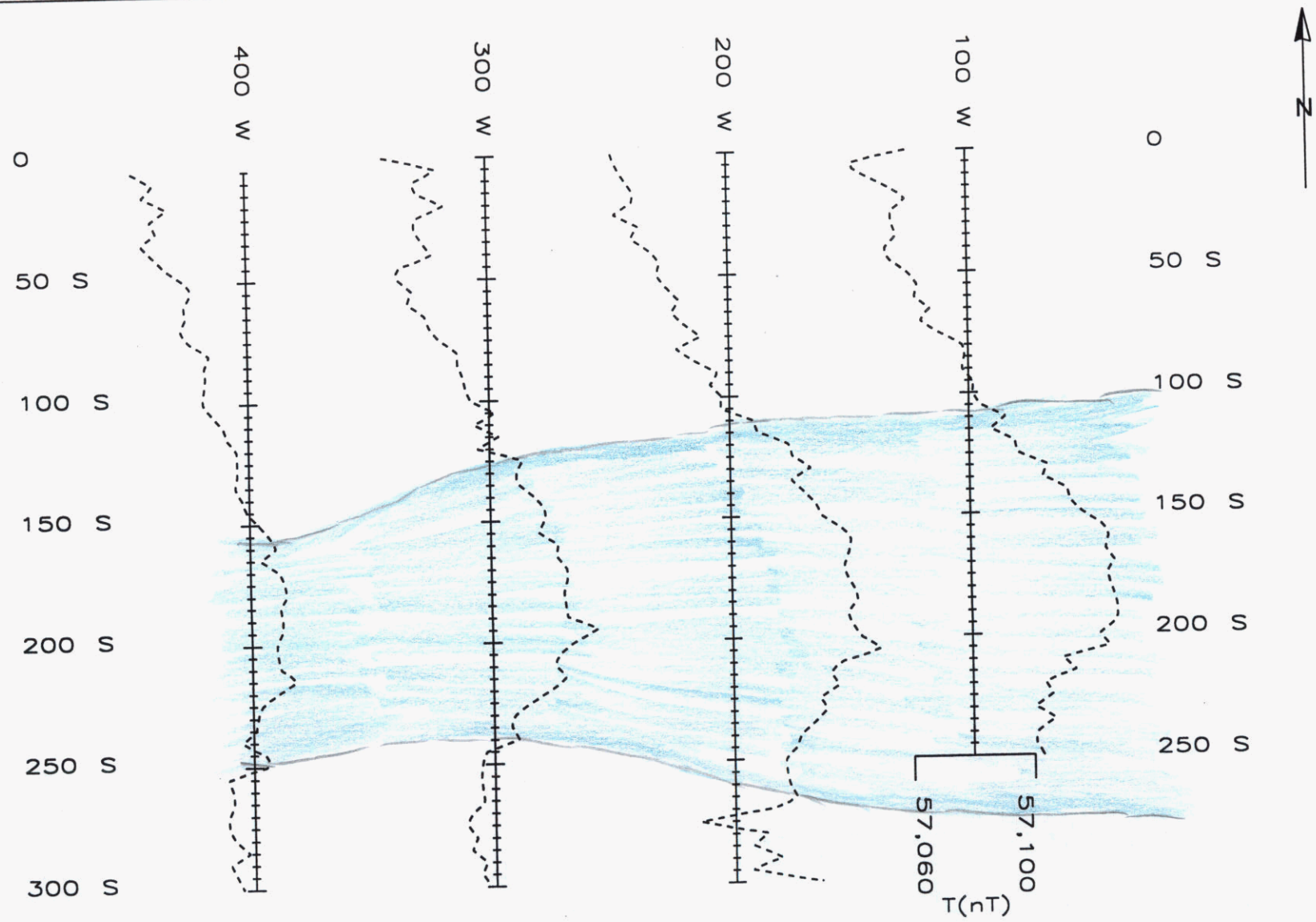
18 Samples
18=Pulp

[128211:57:56:00100500]

Out: Oct 05, 2000
In : Sep 28, 2000

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
BG 1S	P	0.3	47	40	96	<	<	<	3	<	<	1.6	17	29	337	<	38	71	567	22	60	2	4	0.08	1.83	0.85	3.02	0.84	0.12	0.04	0.12
EN-1	P	<	11	14	36	<	<	<	2	<	<	0.4	7	27	157	<	36	28	236	28	28	2	2	0.04	0.97	0.51	1.32	0.47	0.08	0.02	0.04
EN-2	P	<	13	16	75	<	<	<	2	<	<	0.7	10	11	273	<	15	31	763	27	32	1	2	0.05	1.08	0.43	1.55	0.37	0.07	0.03	0.05
FR-1A	P	0.1	14	22	58	<	<	<	1	<	<	0.8	9	12	398	<	15	33	230	25	35	2	2	0.06	0.97	0.46	1.73	0.37	0.08	0.03	0.06
FR-1B	P	<	20	26	52	<	<	<	1	<	<	0.6	9	15	543	<	22	44	260	24	28	4	4	0.07	1.64	0.35	2.12	0.42	0.15	0.03	0.03
FR-2	P	0.1	18	16	48	<	<	<	2	<	<	0.9	9	14	613	<	17	36	603	46	35	2	4	0.04	1.44	0.53	1.90	0.35	0.10	0.03	0.04
FR-3	P	<	15	19	67	<	<	<	2	<	<	0.9	9	13	351	<	17	35	412	26	39	2	2	0.06	1.15	0.49	1.75	0.43	0.09	0.03	0.06
FR-4	P	<	18	19	49	<	<	<	1	<	<	0.7	9	14	274	<	17	35	411	21	29	2	2	0.06	1.02	0.45	1.61	0.41	0.07	0.03	0.06
FR-5	P	<	19	19	44	<	<	<	1	<	<	0.6	7	8	375	<	14	32	280	32	20	1	3	0.04	0.94	0.29	1.43	0.29	0.06	0.03	0.05
JIM 1	P	<	23	15	63	<	<	<	1	<	<	0.5	10	18	307	<	24	46	265	19	41	3	4	0.07	1.50	0.60	2.07	0.51	0.07	0.04	0.07
JIM 1A	P	<	22	13	63	<	<	<	2	<	<	0.9	10	19	246	<	23	44	477	20	42	3	3	0.07	1.22	0.68	1.90	0.49	0.09	0.04	0.08
JIM 2	P	<	10	9	51	<	<	<	1	<	<	0.6	8	15	214	<	17	37	184	14	37	3	3	0.07	1.02	0.59	1.61	0.42	0.06	0.04	0.09
JIM 3	P	<	11	9	51	<	<	<	1	<	<	0.5	9	19	275	<	23	44	270	21	38	2	3	0.08	1.10	0.66	1.72	0.46	0.08	0.04	0.09
53N-120E	P	0.1	37	16	64	<	<	<	1	<	<	0.8	11	29	331	<	34	47	340	24	55	3	4	0.07	1.78	1.20	2.31	0.67	0.10	0.04	0.07
R186-15	P	<	25	18	215	<	<	<	1	<	<	1.2	26	87	436	<	37	51	965	17	43	2	4	0.10	1.44	0.70	2.04	0.64	0.21	0.04	0.08
S1N-130E	P	<	28	19	57	<	<	<	2	<	<	0.9	14	26	182	<	27	51	277	25	25	4	3	0.06	1.77	0.38	2.92	0.48	0.12	0.03	0.02
S17N-100E	P	<	31	18	76	<	<	<	3	<	<	1.6	20	33	210	<	44	75	570	21	29	2	5	0.10	2.16	0.66	3.97	0.92	0.12	0.03	0.07
YU9-SILT	P	<	12	10	70	<	<	<	1	<	<	0.7	10	19	210	<	21	39	397	16	29	2	3	0.07	1.08	0.57	1.66	0.43	0.09	0.03	0.09
Min Limit		0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No SampleP=Pulp



MAG ANOMOLY

0 100m

metres

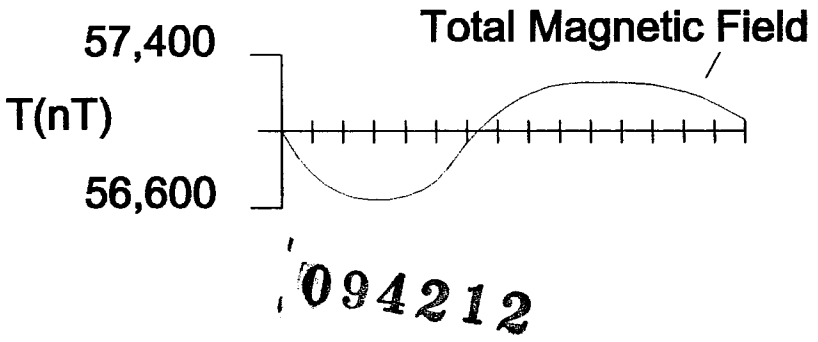
Scale: 1:2,500

AL RUDIS	50 MILE TERRACE
	NTS: 115 N/16 | Datum: NAD 27
TOTAL MAGNETIC FIELD STACKED PROFILES FIGURE	Mining District: DAWSON
	Job: 2000-016 | Date: 06 Feb 01
	AURORA GEOSCIENCES LTD. GEOLOGY & GEOPHYSICS

Appendix G

7,080,000 N

7,079,000 N



094212

MAGNETIC ANOMALY SOURCE

Possible Hard Rock Anomaly

0 400

metres

Scale: 1: 5,000

AL RUDIS

CHERYL CREEK PROPERTY

TOTAL MAGNETIC FIELD SURVEY
STACKED PROFILE
FIGURE 4.

NTS: 116 N/16	Datum: NAD 27
Mining District: Dawson	
Job: 2000-016	Date:24 October 2000

AMEROK GEOSCIENCES LTD.

Appendix 5.

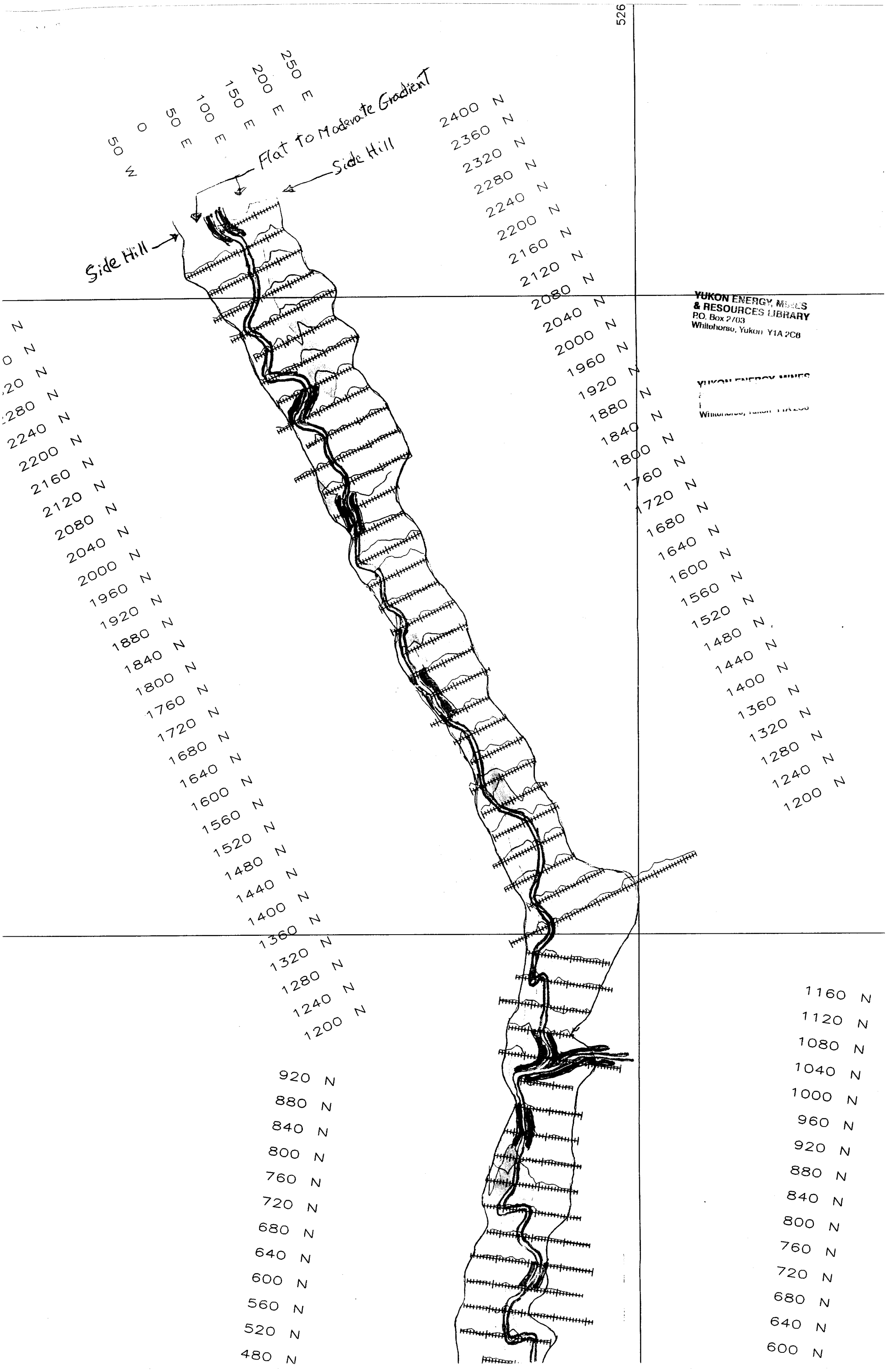
525,000 E

560 N
520 N
480 N
440 N
400 N
360 N
320 N
280 N
240 N
200 N
160 N
120 N
80 N
40 N
0
40 S
80 S
120 S
160 S
200 S
240 S
280 S
320 S
360 S
400 S
440 S
480 S
520 S
560 S
600 S
640 S
680 S
720 S
760 S
800 S
840 S
880 S
920 S

M

Set Back 10M
High Water
Set Back 10M

150 E
100 E
50 E
0
50 W
100 W



MONICA
YC04655 YC04657 YC04662
YC04658 YC04660
YC04656
3500
2500
3000
2000
57END 40M
57END 40B
SHA
YC20313
YC20314
53N 120E
51N 130E
Post 2 Ber 18
Post 2 Ber 18 River
YC20312
YC20311
TIM
34N00
YC20309
YC20310
34N140MD
34N140MA
34N140MB
34N140MC
25N140E
YC13392
YC13391
51N100E
14N180W
14N180WA
8N 140E
AL
YC13394
YC13393
YC13404
YC13403
N110W
N110WA
OW80
BG15
YC13396
YC13395
YC13406
YC13405
YC13398
YC13397
YC13408
YC13407
Shabber / Float
YC13400
YC13399
YC13410
YC13409
YC13402
YC13401
YC13412
YC13411
AX
YC13380
YC13379
YC13382
YC13381
YC13384
YC13383
YC13386
YC13385
YC13389
N

094212

Sample Locations

MAG SURVEY BASELINE

Appendix 2

115 N-15
DAWSON MINING DISTRICT
September 20, 2000
Scale: 1:21,120

524,000 E

525,000 E

526,000 E

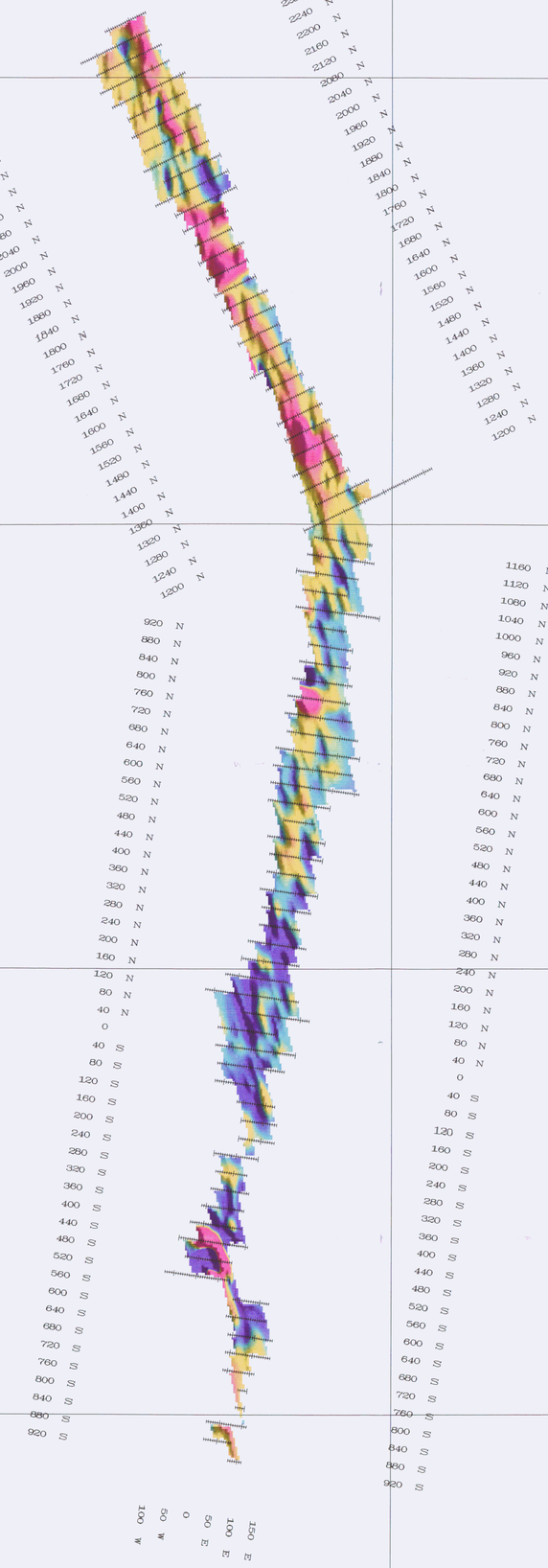
527,000 E

7,082,000 N

7,081,000 N

7,080,000 N

7,079,000 N



INCL : 53.98
DECL : 82.96

Total magnetic field (nT)

GRID CELL SIZE: 5 m

FILTERS: 3-point

0 400

metres

Scale: 1: 5,000

AL RUDIS 094212

CHERYL CREEK PROPERTY

TOTAL MAGNETIC FIELD SURVEY
CONTOUR MAP
FIGURE 5.

NTS: 116 N/16 | Datum: NAD 27

Mining District: Dawson, YT

Job: 2000-016 | Date:24 Oct 2000

AMEROK GEOSCIENCES LTD.

Appendix 7