ARCHER, CATHRO
& ASSOCIATES (1981) LIMITED

CONSULTING GEOLOGICAL ENGINEERS

1016 - 510 WEST HASTINGS STREET, VANCOUVER, B.C. V6B 1L8 TEL (604) 688-2568 • FAX (604) 688-2578

ASSESSMENT REPORT

describing

PROSPECTING AND SOIL GEOCHEMISTRY

on the

ROSY PROPERTY

Rosy 1-20 - YC18054-YC18073
21-30 - YC18159-YC18168

NTS 105C/13
Latitude 60°56'N; Longitude 133°45'W

in the

Whitehorse Mining District
Yukon Territory

094109

Prepared by

Archer, Cathro & Associates (1981) Limited

for

ATAC RESOURCES LTD.

by

W.D. Eaton, B.A., B.Sc.
April, 2000

BOX 4127, 2054 SECOND AVENUE, WHITEHORSE, Y.T. Y1A 3S9 TEL (867) 667-4415

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 14,000.

M. Burke

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

TABLE OF CONTENTS

APPENDICES

FIGURES

INTRODUCTION

The Rosy property covers a gold prospect located 5 km south of the Red Mountain porphyry molybdenum deposit in southern Yukon. The property consists of thirty claims owned 100% by ATAC Resources Ltd. The first twenty claims were staked in late July 1999 and the remainder were added in mid-September.

This report describes previous work done in the area plus results of 1999 exploration conducted by Archer, Cathro & Associates (1981) Limited on behalf of ATAC Resources. The 1999 exploration involved prospecting and soil geochemical surveys done in two phases. The first phase was conducted between July 30 and August 4 from a helicopter supported fly camp on the property. The second phase was follow up work done on September 20 with helicopter setouts and pickups directly from Whitehorse. Both phases were performed by the same two-person crew (geologist Brian Gay and the author). The Author's Statement of Qualifications appears in Appendix I.

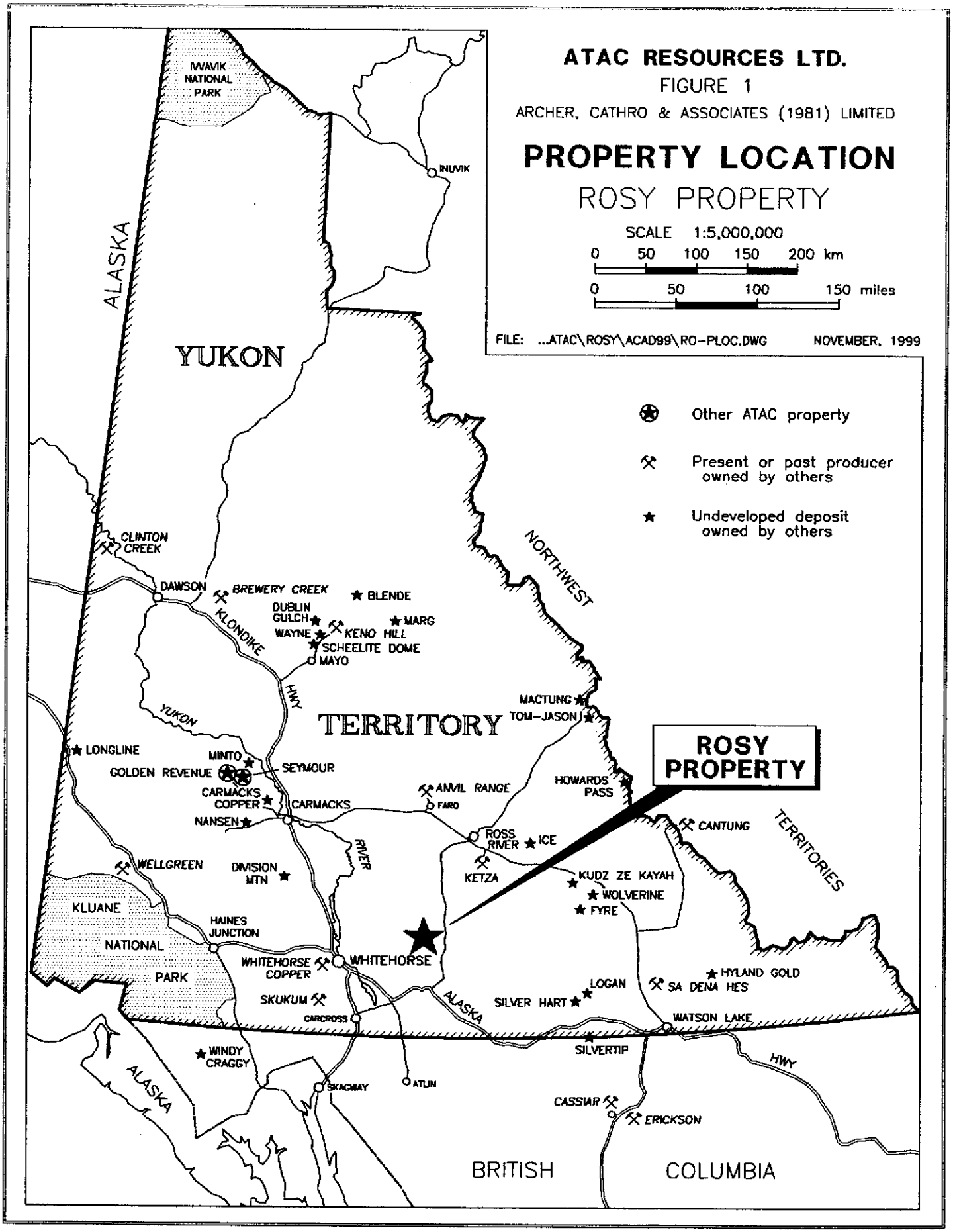
PROPERTY, LOCATION AND ACCESS

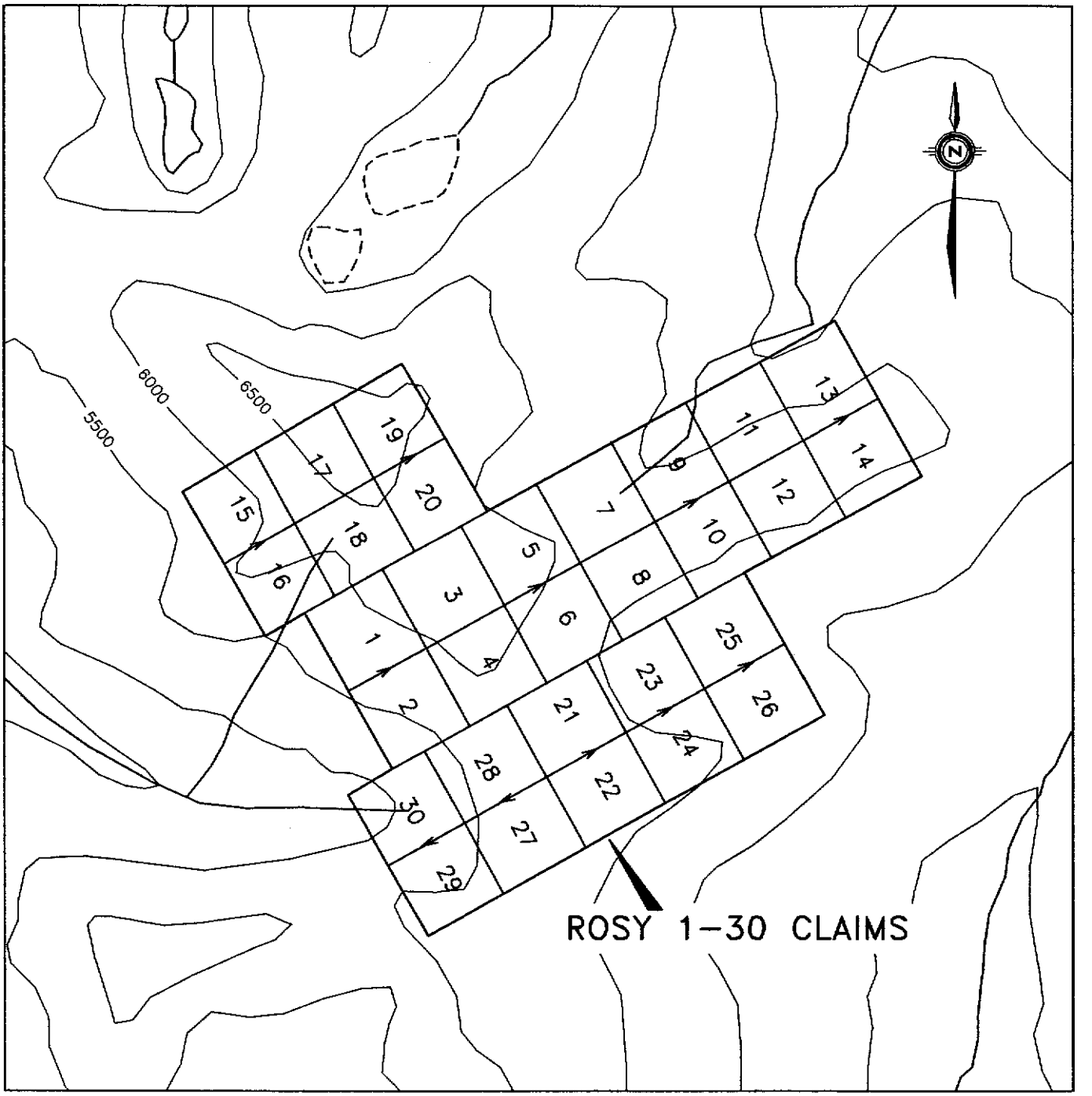
The Rosy property comprises thirty mineral claims located 77 km east-northeast of Whitehorse in southern Yukon at latitude 60°56'N and longitude 133°45'W on NTS map sheet 105C/13, as shown on Figure 1. The claims are registered with the Whitehorse Mining Recorder in the name of Archer, Cathro & Associates (1981) Limited which holds them in trust for ATAC Resources. Claim data are listed below while the locations of individual claims are illustrated on Figure 2.

Claim Name	Grant Number	Expiry Date*
Rosy 1-20	YC18054-YC18073	March 21, 2005
Rosy 21-30	YC18159-YC18168	March 21, 2005

*Expiry dates include 1999 work filed for assessment credit but not yet accepted.

During 1999 access was by helicopter from the Whitehorse airport where a number of firms maintain permanent bases. The closest road access is the Sydney Creek placer road about 25 km southeast of the property. An abandoned winter road, extending northwest from the Sydney Creek road to the Red Mountain Deposit, passes 1 km east of the Rosy property and would be the logical access route if heavy equipment was required on the property.


ATAC RESOURCES LTD.
FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PROPERTY LOCATION
ROSY PROPERTY
SCALE 1:5,000,000
0 50 100 150 200 km
0 50 100 150 miles
FILE: ...ATAC\ROSY\ACAD99\RO-PLOC.DWG
NOVEMBER, 1999
Other ATAC property
Present or past producer owned by others
Undeveloped deposit owned by others
ROSY PROPERTY
ALASKA
YUKON
TERRITORY
NORTHWEST
TERRITORIES
BRITISH
COLUMBIA
IVAVIK NATIONAL PARK
INUVIK
CLINTON CREEK
DAWSON
BREWERY CREEK
BLENDE
DUBLIN GULCH
MARG
WAYNE
KENO HILL
SCHEELITE DOME
MAYO
KLONDIKE HWY
YUKON
MACTUNG
TOM-JASON
LONGLINE
MINTO
SEYMOUR
GOLDEN REVENUE
CARMACKS COPPER
CARMACKS
NANSEN
AMIL RANGE
FARO
HOWARDS PASS
CANTUNG
ROSS RIVER
ICE
KETZA
KUDZ ZE KAYAH
WOLVERINE
FYRE
WELLGREEN
DIVISION MTN
KLUANE NATIONAL PARK
HAINES JUNCTION
WHITEHORSE COPPER
WHITEHORSE
SKUKUM
CARCROSS
HYLAND GOLD
SA DENA HES
LOGAN
SILVER HART
WATSON LAKE
SILVERTIP
WINDY CRAGGY
SKAGWAY
ATLIN
CASSIAR
ERICKSON
HWY



0 1500 3000 4500
feet
0 500 1000 1500
metres

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FIGURE 2

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM LOCATION

ROSY PROPERTY

NTS 105C/13

FILE: ...\ROSY\ACAD99\RO-A-CL.DWG	DATE: NOVEMBER, 1999

HISTORY

The first recorded activity in the vicinity of the Rosy property occurred in 1935 when silver-lead-zinc veins on the edge of Red Mountain porphyry molybdenum deposit were staked. These occurrences consist of galena and sphalerite in quartz-carbonate veins cutting metasedimentary rocks. They have been staked and explored by a number of operators over the years and are currently part of the Red Mountain claim block.

The Red Mountain Deposit is marked by a prominent red gossan and hosted by a quartz stockwork associated with a Late Cretaceous quartz monzonite stock. It was first drilled in 1967 but the main exploration program was conducted in the late 1970's by Amoco Canada which earned a 50% interest from the owner, Tintina Mines. Drill indicated reserves are 170 million tonnes grading 0.167% MoS_2, including 19.3 million tonnes averaging 0.293% MoS_2 (Yukon Minfile). Gold content is low in the porphyry deposit and is inversely proportional to molybdenum content.

Recent prospecting on the Rosy property discovered numerous very old claim posts which likely date from the 1930's or 1940's. There is no record of this staking or any exploration related to it.

The first reported staking on what is now the Rosy property occurred in July 1986 immediately following the release of geochemical results from a reconnaissance stream sediment sampling program conducted by the Geological Survey of Canada (Open File 517). All-North Resources staked the Was 1-6 claims in the headwaters of a creek which returned 95th percentile values for gold (36 ppb), arsenic (121 ppm) and antimony (2.8 ppm). Concurrently, Noranda Exploration staked the Saw 1-6 claims on a north facing slope further downstream to cover another part of the anomalous drainage.

Both All-North and Noranda conducted reconnaissance mapping and soil sampling in 1987. All-North reported quartz vein float which assayed up to 1.3 g/t gold and 102 g/t silver associated with a soil anomaly containing values up to 145 ppb gold and 9 ppm silver. Noranda found quartz-carbonate alteration zones, samples of which returned low values. No further work was done on either property and the claims were allowed to lapse.

GEOMORPHOLOGY AND VEGETATION

The claims cover a series of ridges and glacial valleys, all of which are above treeline. The highest point is a prominent, 2094 m peak located in the northern part of the property. Elevations elsewhere range between 1500 and 1900 m. North facing slopes are characterized by cliffs and unstable talus. Southerly slopes are steep but relatively accessible, consisting of outcrops separated by grass or buckbrush stabilized talus. Valley floors are narrow in the headwaters of creeks where talus encroaches from surrounding slopes but become broad and relatively flat downstream. Glacial and fluvial material blankets the valley floors. Creeks draining the property all ultimately drain into the Teslin River which is part of the Yukon River watershed.

REGIONAL GEOLOGY

The Rosy property lies within an enigmatic package of metamorphosed volcanic, sedimentary and intrusive rocks named the Big Salmon Complex (Mulligan, 1963). Previous mappers have interpreted these rocks as a steeply dipping suture zone marking accretion of an island arc to North America during Jurassic times (Tempelman-Kluit, 1979). Recent detailed structural mapping in the area led to reinterpretation which indicates that the steep dips are the result of a large scale fold and assigns the rocks on the Rosy property to the Yukon-Tanana Terrane (de Keijzer, et al, 1999).

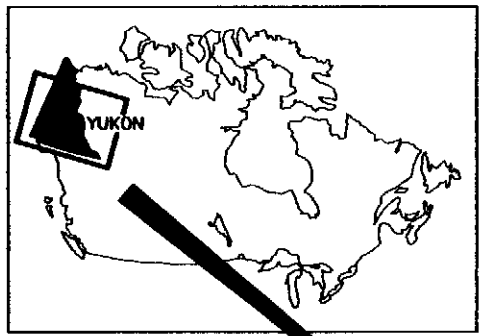
The metamorphic rocks are schist, gneiss, quartzite, greenstone and limestone that are believed to be Mississippian or earlier in age. They are intruded by Late Cretaceous granodiorite stocks and batholiths, the closest of which are the Red Mountain Stock and Quiet Lake Batholith about 5 km north and 8 km east of the property, respectively. All of the units are intruded by Late Cretaceous to Tertiary miarolitic quartz feldspar porphyry dykes. These dykes are associated with the mineralization at Red Mountain Deposit and are common on the Rosy property.

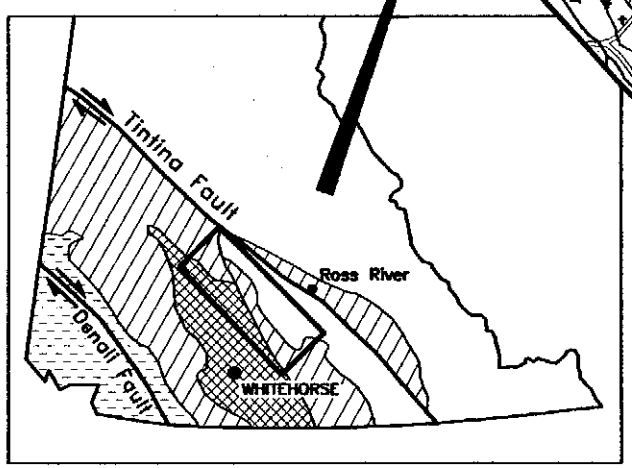
The main structural trend in the area is north to northwesterly. The Big Salmon Fault, a regional scale, post-accretionary, high angle structure appears to terminate about 5 km west of the property, as shown on Figure 3.

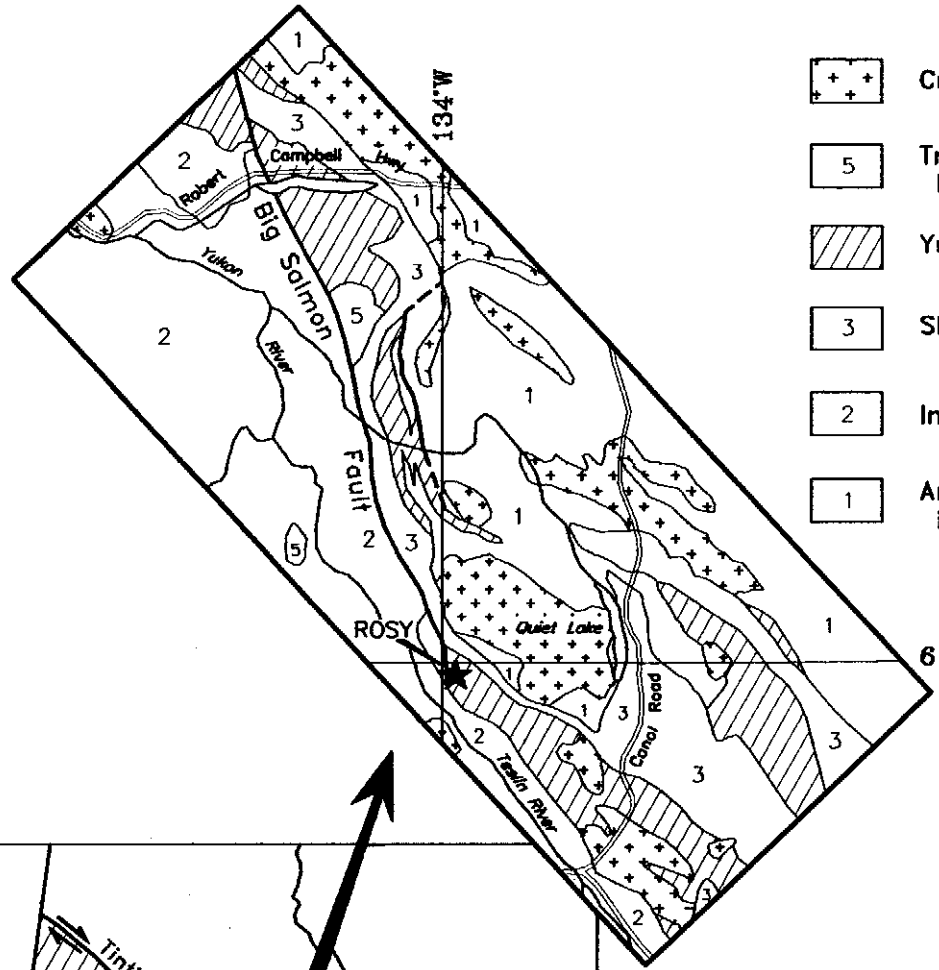
PROPERTY GEOLOGY AND MINERALIZATION

The property is predominantly underlain by weakly foliated metadiorite with lesser quartz-hornblende and quartz-feldspar-hornblende gneiss (Figure 4). An 800 m diameter, coarse grained hornblendite body outcrops on the ridge in the northeastern part of the property. This unit is unfoliated. Cream to pink weathering, quartz-feldspar porphyry dykes cut all other units and occur across the property. Although the largest of these dykes are about 50 m across, most are 10 m or less. They exhibit a variety of strikes but all dip steeply. Many of the dykes are flanked by quartz-carbonate veins and/or carbonate alteration zones in the adjacent wallrocks.

More than twenty quartz-carbonate veins have been found in various parts of the property. The veins cut all units except the quartz-feldspar porphyry dykes. They are marked by 1 to 10 m wide recessive linears most of which strike northeasterly and dip moderately to steeply to the southeast. Steeply dipping, north trending linears are also present. The veins themselves are typically less than 80 cm wide. Gouge zones, quartz-feldspar porphyry dykes and carbonate altered wallrocks often occur with the quartz veins in the linears. There are usually sharp breaks separating unaltered resistant weathering wallrocks from the altered recessive weathering rocks in the linears. The linears are best exposed on ridge crests and cliffs because blocky unaltered wallrock talus tends to obscure them on normal hillsides.







Cretaceous Plutonic rocks

5 Triassic and Jurassic Plutonic rocks

Yukon–Tanana Terrane

3 Slide Mountain Terrane

2 Intermontane Belt

1 Ancestral North America including Cassiar Terrane

SCALE 1:2,000,000

0 50

km

Coastal and Insular Belts

Intermontane Belt

Yukon–Tanana Terrane and Slide Mountain Terrane

Ancestral North America including Cassiar Terrane

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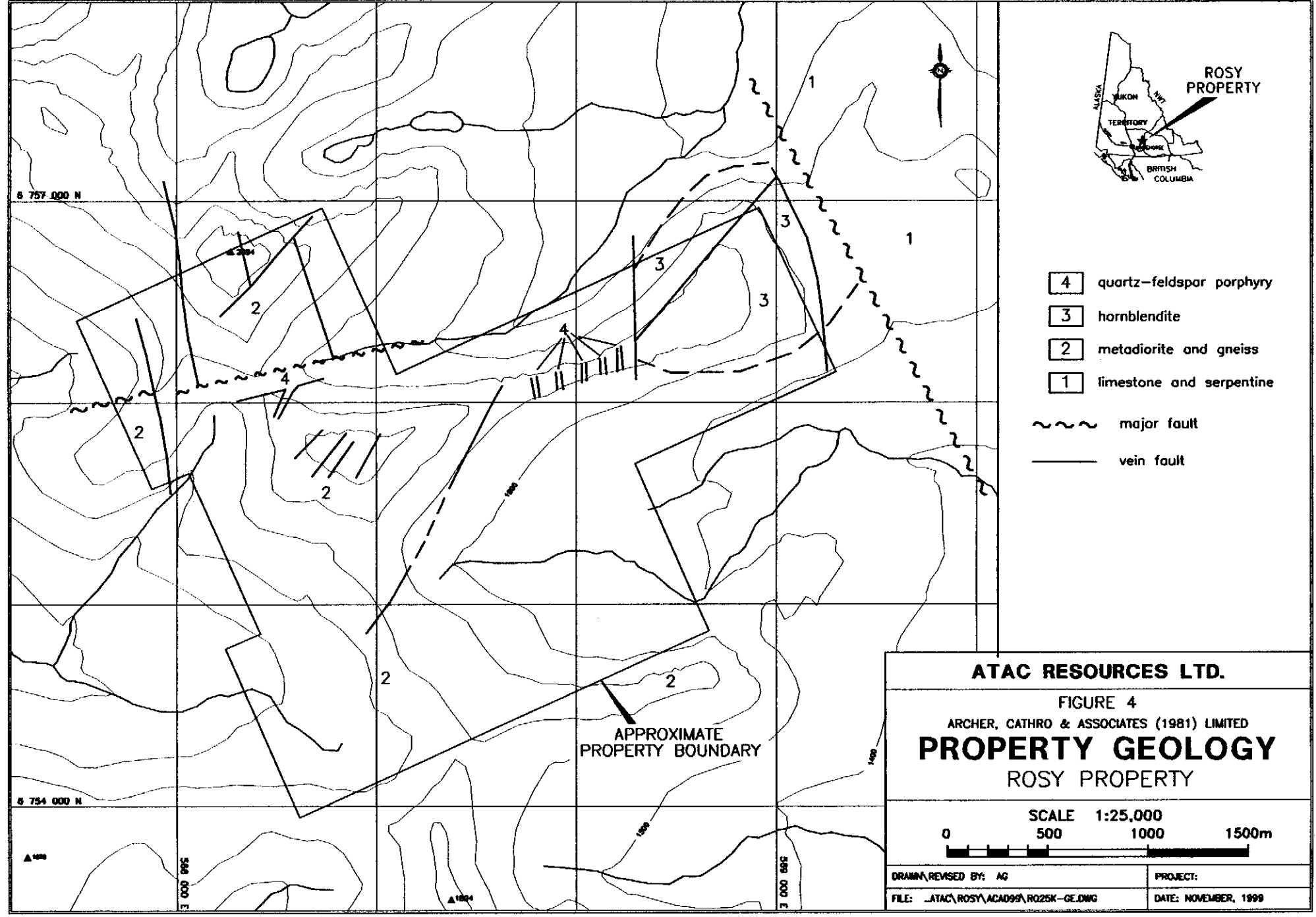
FIGURE 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

REGIONAL GEOLOGY

ROSY PROPERTY

FILE: ...ATAC\ROSY\ACAD99\REGEO-3.DWG | DATE: NOVEMBER, 1999

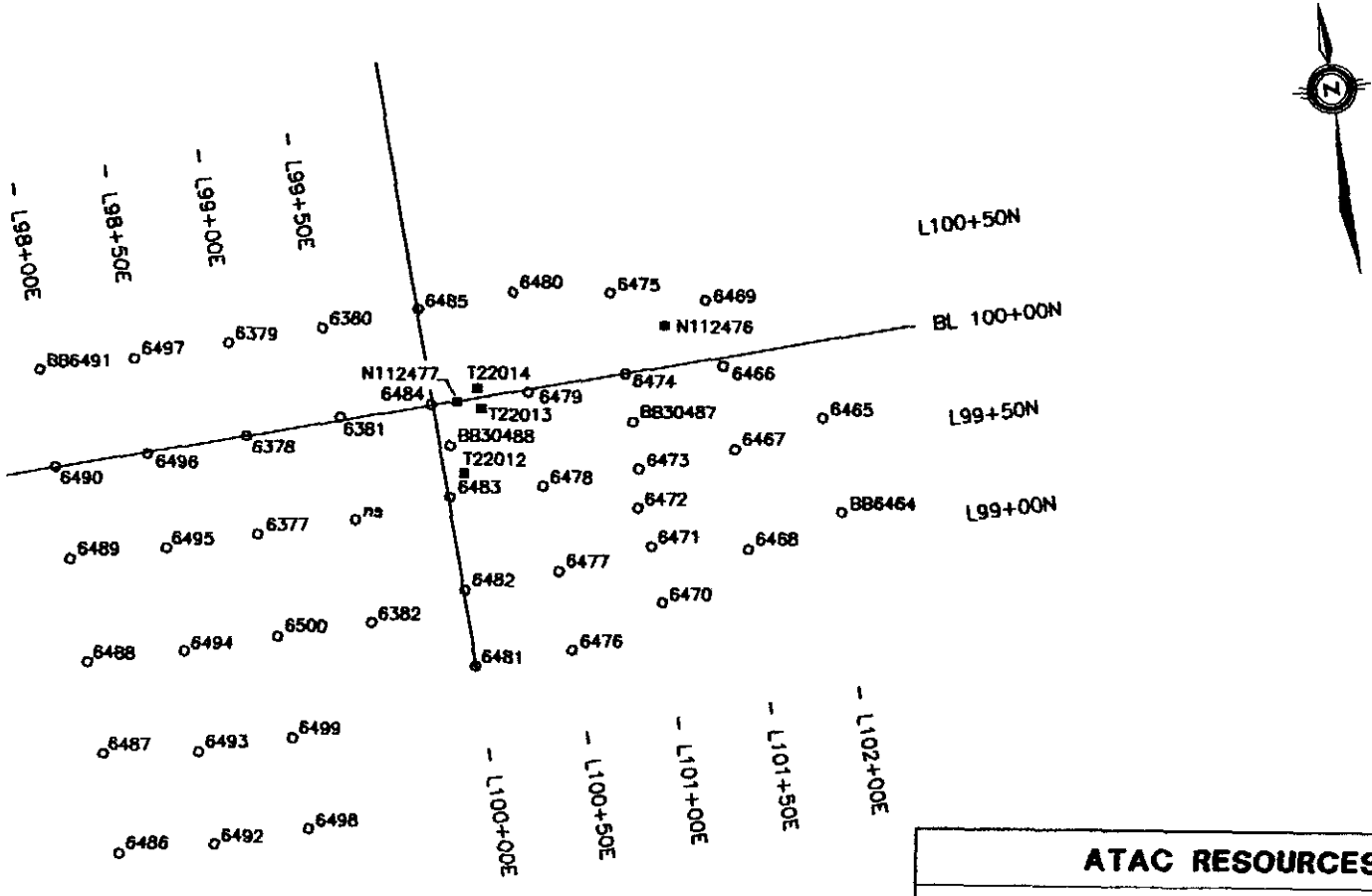

6 757 000 N
6 754 000 N
566 000 E
569 000 E
1
2
3
4
APPROXIMATE
PROPERTY BOUNDARY
ROSY
PROPERTY
ALASKA
YUKON
TERRITORY
BRITISH
COLUMBIA
4 quartz–feldspar porphyry
3 hornblendite
2 metadiorite and gneiss
1 limestone and serpentine
major fault
vein fault
ATAC RESOURCES LTD.
FIGURE 4
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PROPERTY GEOLOGY
ROSY PROPERTY
SCALE 1:25,000
0 500 1000 1500m
DRAWN\REVISED BY: AG
PROJECT:
FILE: ..ATAC\ROSY\ACAD99\RO25K-GE.DWG
DATE: NOVEMBER, 1999

Quartz in the veins is milky white to light grey and often chalcedonic. Carbonate weathers orange to red-brown and is likely a mixture of ankerite and dolomite. The veins often exhibit differential weathering which demonstrates delicate interbanding of quartz and carbonate. Open space textures and grain size suggests that the veins are epithermal. Sulphide minerals are typically fine grained and consist of disseminated pyrite with minor arsenopyrite. They rarely comprise more than 5% of the veins.

A total of 48 rock samples were collected in 1999 and submitted to Chemex Labs Ltd. in North Vancouver. All samples were pulverized to 95% 106 micron, then one split was analyzed for gold using fire assay followed by atomic absorption and another split was partially digested using an aqua regia leach and analyzed for 32 other elements by the induced coupled plasma (ICP) technique. Sample locations are shown on Figures 5 and 6 while Certificates of Analysis appear in Appendix II. Rock sample descriptions are in Appendix III. Figures 7 to 9 illustrate gold, silver and arsenic results for most of the property while Figures 10 to 12 show gold, silver and arsenic results in a detail area.

Thirty-seven of the samples were quartz-carbonate vein specimens. Of these, most were barren or contained only a few percent pyrite or limonitic pits after pyrite. Arsenopyrite content in these veins ranged from trace to 10% of the rock. Gold results are highly correlated with arsenic and weakly correlated with silver and antimony. A best fit line on a scatter plot indicates that on average the veins contain about 450 ppm gold for each 1000 ppm arsenic. Five of the samples returned more than 4700 ppm arsenic and all of those assayed more than 3310 ppb gold. The best assay came from a sample that was visually estimated to contain about 10% arsenopyrite and returned 35.92 g/t gold. This sample also contained >10,000 ppm arsenic, 32.4 ppm silver and 392 ppm antimony. Some silver rich vein samples are anomalous for antimony (up to 392 ppm) but many returned near background values. The highest silver assay obtained to date is 650 ppm from a specimen that also returned 2200 ppb gold, 2610 ppm arsenic and 204 ppm antimony.

Relatively few samples have been taken from other rock types on the property. Some gouge samples collected adjacent to quartz-carbonate veins are slightly enriched in gold (up to 235 ppb), silver (up to 5.2 ppm), arsenic (up to 1015 ppm) and antimony (up to 8 ppm). Carbonate altered wallrocks returned weakly anomalous values while unaltered porphyry dykes, skarns and other rock types produced near background results for all metals.



o 6499 Soil sample location with sample number

■ T22014 Rock sample location with sample number

SCALE 1:4000

0 50 100 150 200

metres

ATAC RESOURCES LTD.

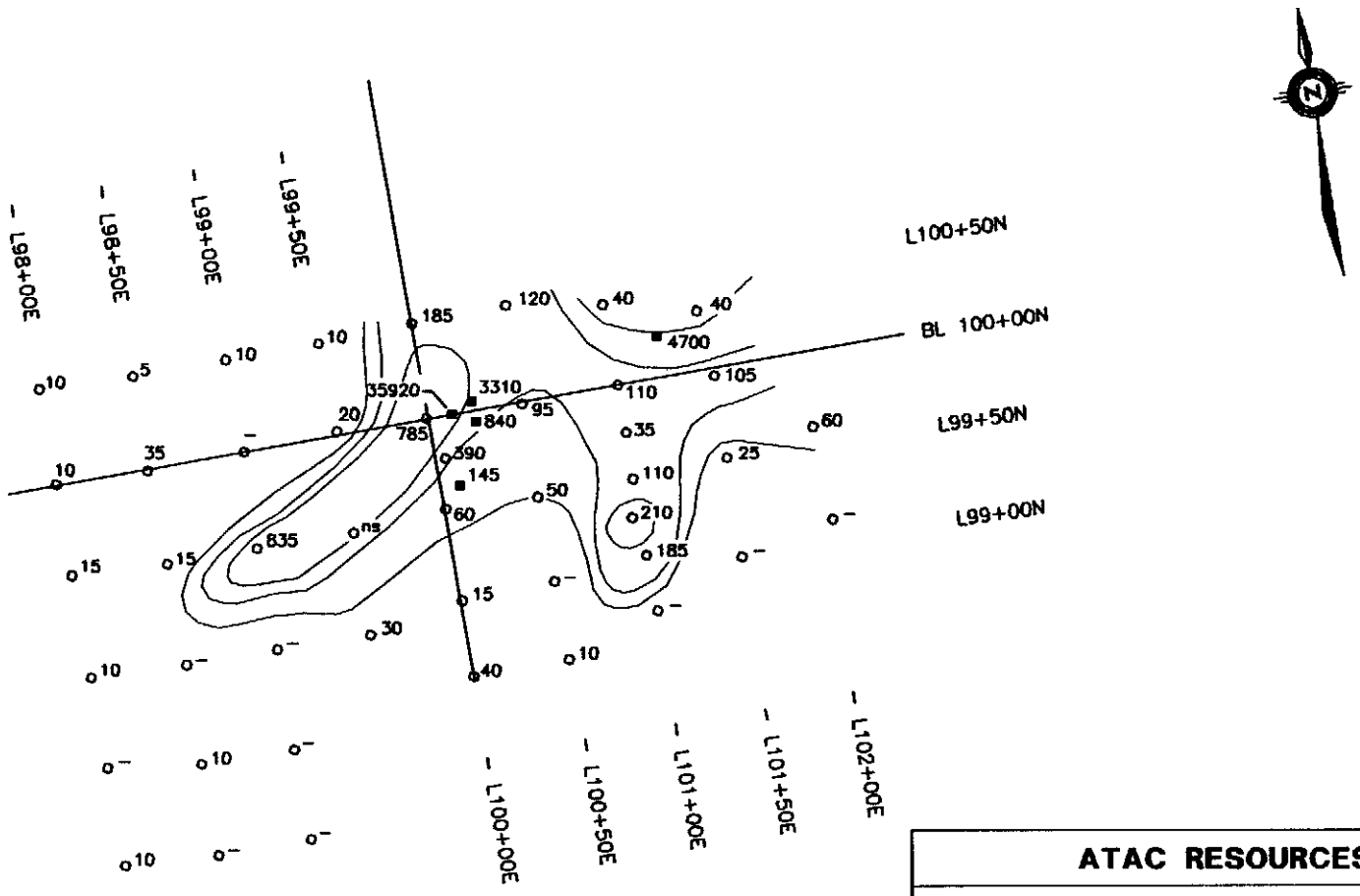
FIGURE 6

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DETAIL SAMPLE LOCATION

ROSY PROPERTY

DRAWN & REVISED BY: AG	PROJECT: ROSY
FILE: ...ATAC\ROSY\ACAD99\DET-CH.DWG	DATE: NOVEMBER, 1999



^{210} Soil sample location with Au value in ppb (– indicates <5 ppb)

^{145} Rock sample location with Au value in ppb

SCALE 1:4000

0 50 100 150 200

metres

ATAC RESOURCES LTD.

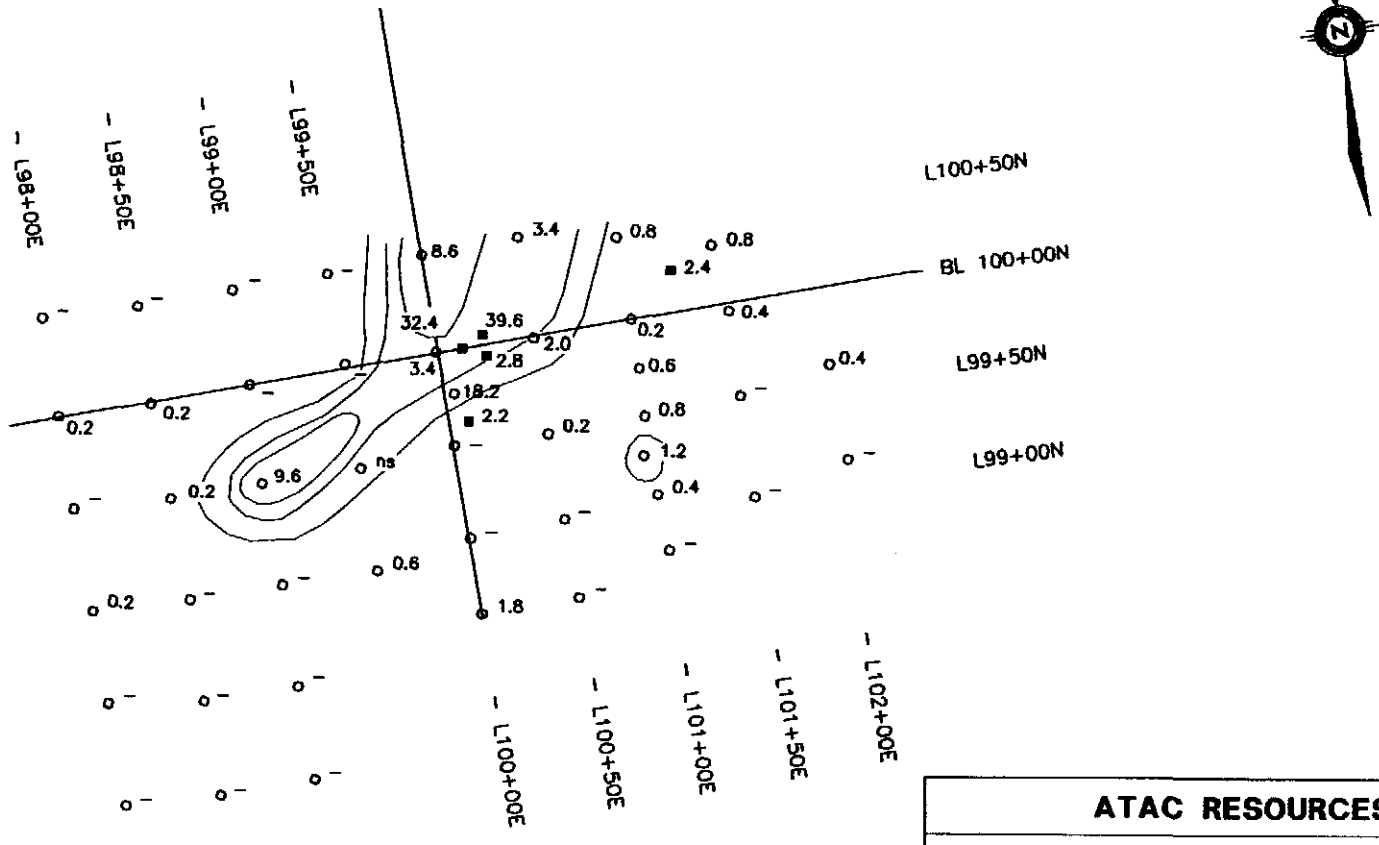
FIGURE 10

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DETAIL GOLD GEOCHEMISTRY

ROSY PROPERTY

DRAWN\REVISED BY: AG	PROJECT: ROSY
FILE: ...ATAC\ROSY\ACAD99\DET-CH.DWG	DATE: NOVEMBER, 1999



N

o 3.4 Soil sample location with Ag value in ppm (– indicates <0.2 ppm)

■ 2.8 Rock sample location with Ag value in ppm

SCALE 1:4000

0 50 100 150 200

metres

ATAC RESOURCES LTD.

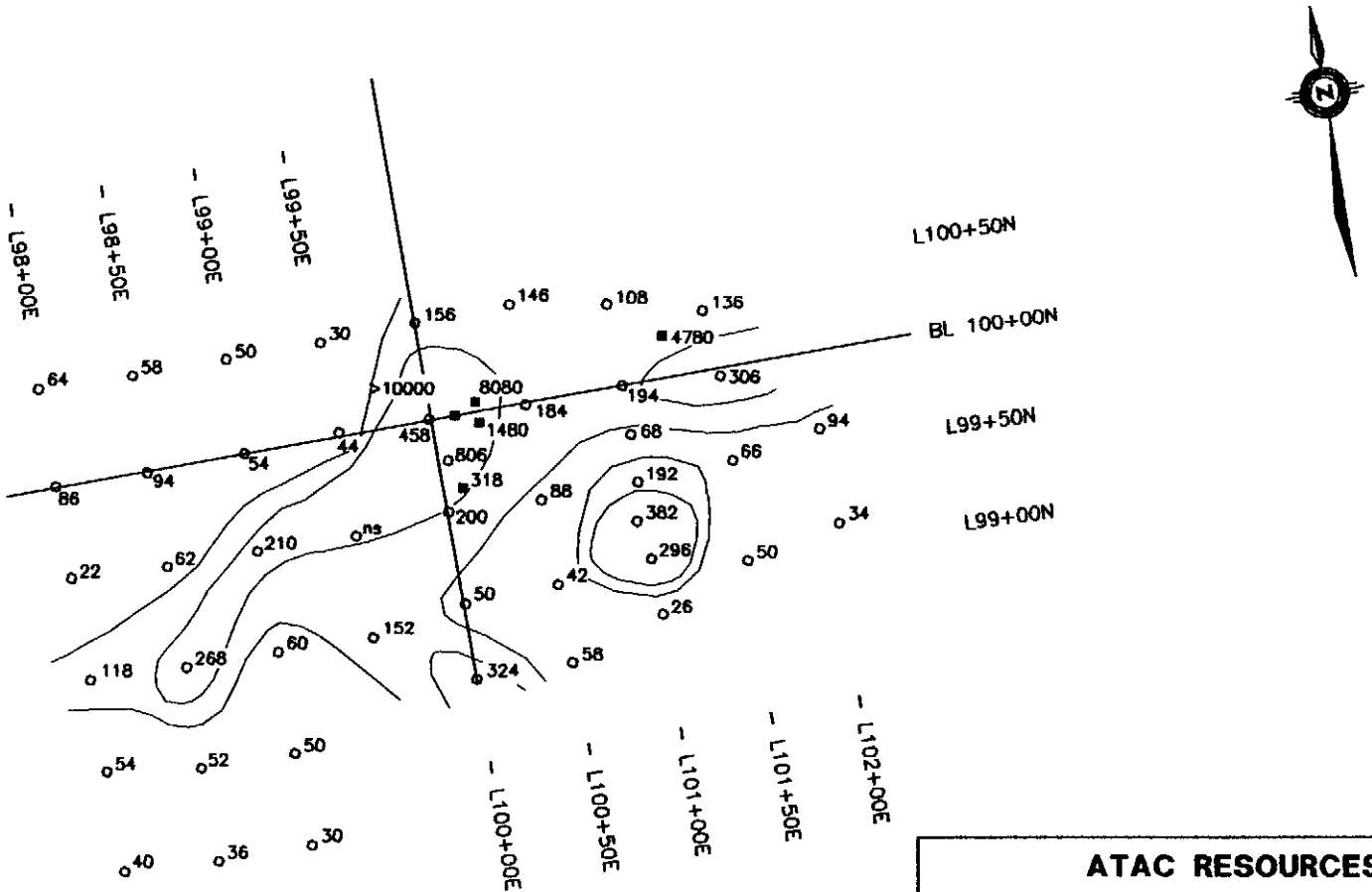
FIGURE 11

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DETAIL SILVER GEOCHEMISTRY

ROSY PROPERTY

DRAWN\REVISED BY: AG	PROJECT: ROSY
FILE: ...ATAC\ROSY\ACAD99\DET-CH.DWG	DATE: NOVEMBER, 1999



SCALE 1:4000

0 50 100 150 200

metres

458 Soil sample location with As value in ppm

4780 Rock sample location with As value in ppm

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FIGURE 12

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DETAIL ARSENIC GEOCHEMISTRY

ROSY PROPERTY

DRAWN/REVISED BY: AG	PROJECT: ROSY
FILE: ...ATAC\ROSY\ACAD99\DET-CH.DWG	DATE: NOVEMBER, 1999

SOIL GEOCHEMISTRY

During August 1999, soil sampling and prospecting traverses were conducted along hillsides and ridge tops. A small detailed soil grid was sampled in September in an area where preliminary work had outlined strongly anomalous values. Samples collected during these surveys were sent to Chemex Labs. All soil samples were screened to 180 microns then analyzed for 32 elements by the ICP technique and gold by fire assay with an atomic absorption finish. Sample locations are shown on Figures 5 and 6. Certificates of Analyses are presented in Appendix II. Gold, silver and arsenic results from across the property are illustrated on Figures 7 to 9 while those from the detail grid are plotted on Figures 10 to 12.

Results from soil resemble those from rock with gold again showing a strong positive correlation with arsenic and a weak to moderate correlation with silver. Moderately to strongly anomalous gold values are spread over a 7 sq km area. The highest gold (835 ppb) and silver (9.6 ppm silver) soil values came from a sample on the detail grid which was collected 125 m west of the rock that produced the highest gold assay. This sample is part of a 200 m long northeast trending anomaly that is open to the northeast. Arsenic values within this trend ranged up to 806 ppm. Other noteworthy clusters of coincidentally anomalous high values are located on the south side of two small lakes near the northern property boundary and along talus slopes on either side of the creek draining the centre of the property, which produced the high stream sediment analyses that first attracted attention to the area. No detailed prospecting has been done in any of the anomalous areas.

DISCUSSION AND CONCLUSIONS

The Rosy property hosts widespread gold bearing veins that appear to be spatially and temporarily associated with Late Cretaceous intrusive activity. The gold-silver-arsenic lithogeochemical signature, coupled with textural features observed in the veins, suggests that they are developed in the distal part of the mineralizing system. The nearby Red Mountain porphyry deposit may be part of the same system and certainly exhibits the pronounced lithophile signature characteristic of Cretaceous age intrusions associated with gold deposits in the Tintina Gold Belt.

The next stage of exploration should consist of closer spaced soil sampling, detailed prospecting and mapping of vein structures and hand trenching. Additional claims should be staked, especially along the northern edge of the property and reconnaissance prospecting should be done in the surrounding area.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

W.D. Eaton

REFERENCES

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1979 Transported Cataclastic, Ophiolitic and Granodiorite in Yukon: Evidence of Arc-Continental Collision, GSC Paper 79-14.

APPENDIX I

AUTHOR'S STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, W. Douglas Eaton, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in North Vancouver, British Columbia, do hereby declare that:

1. I graduated from the University of British Columbia in 1980 with a B.Sc. majoring in Geological Sciences.
2. From 1971 to present, I have been actively engaged in mineral exploration in Yukon Territory, Northwest Territories and British Columbia and on June 1, 1981, I became a partner in Archer, Cathro & Associates (1981) Limited.
3. I have personally participated in or supervised the field work reported herein and have interpreted all data resulting from this work.

W. Douglas Eaton, B.A., B.Sc.

APPENDIX II

CERTIFICATES OF ANALYSIS

Chemex Labs Ltd.

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

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
BOX 4127, 2054 SECOND AVE.
WHITEHORSE, YT
Y1A 3S9

Project : ROSY
Comments:

Page Number : 1-A
Total Pages : 1
Certificate Date: 29-SEP-1999
Invoice No. : I9929587
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS A9929587

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
T17427	205	226	< 5	0.2	0.20	2	< 10	240	< 0.5	< 2	0.03	< 0.5	< 1	275	14	1.12	< 10	< 1	0.02	< 10	0.14
T17428	205	226	< 5	< 0.2	0.45	< 2	< 10	90	< 0.5	< 2	0.05	< 0.5	< 1	124	5	0.61	< 10	< 1	0.16	20	0.04
T17429	205	226	< 5	< 0.2	1.01	< 2	10	210	< 0.5	< 2	4.56	< 0.5	6	46	288	1.15	< 10	< 1	0.13	< 10	0.69
T17431	205	226	< 5	< 0.2	0.59	< 2	< 10	50	< 0.5	< 2	9.89	< 0.5	6	48	12	2.95	< 10	< 1	0.09	10	3.55
T22011	205	226	20	< 0.2	0.30	68	< 10	40	< 0.5	< 2	0.76	< 0.5	1	297	102	0.97	< 10	< 1	0.10	< 10	0.18
T22012	205	226	145	2.2	0.04	318	< 10	40	< 0.5	< 2	>15.00	< 0.5	< 1	4	46	1.21	< 10	1	< 0.01	< 10	7.74
T22013	205	226	840	2.8	0.09	1480	< 10	30	< 0.5	< 2	10.80	< 0.5	3	34	22	2.64	< 10	< 1	0.04	< 10	5.20
T22014	205	226	3310	39.6	0.08	8080	< 10	270	< 0.5	< 2	11.80	< 0.5	1	35	11	2.95	< 10	1	0.04	< 10	4.54

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
BOX 4127, 2054 SECOND AVE.
WHITEHORSE, YT
Y1A 3S9

Project : ROSY
Comments:

Page Number : 1-B
Total Pages : 1
Certificate Date: 29-SEP-1999
Invoice No. : I9929587
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS A9929587

SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
T17427	205	226	75	6	0.05	4	140	28	0.08	2	3	10	0.05	< 10	< 10	29	< 10	94
T17428	205	226	240	3	0.07	3	30	14	< 0.01	< 2	< 1	6	< 0.01	< 10	< 10	1	< 10	64
T17429	205	226	345	3	0.08	2	580	< 2	0.16	< 2	3	379	0.11	< 10	< 10	32	< 10	24
T17431	205	226	905	1	< 0.01	18	590	8	0.06	2	3	245	< 0.01	< 10	< 10	26	< 10	56
T22011	205	226	250	6	< 0.01	12	180	< 2	0.06	8	3	16	< 0.01	< 10	< 10	22	< 10	24
T22012	205	226	1060	< 1	< 0.01	< 1	40	22	< 0.01	10	< 1	2010	< 0.01	< 10	10	5	< 10	20
T22013	205	226	5110	4	< 0.01	3	50	32	1.19	22	< 1	825	< 0.01	< 10	10	60	< 10	108
T22014	205	226	2330	1	< 0.01	1	70	10	0.75	102	< 1	375	< 0.01	< 10	10	14	< 10	32

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
BOX 4127, 2054 SECOND AVE.
WHITEHORSE, YT
Y1A 3S9

Project : ROSY
Comments:

Page Number : 1-A
Total Pages : 2
Certificate Date: 29-SEP-1999
Invoice No. : I9929586
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CERTIFICATE OF ANALYSIS A9929586

SAMPLE	PREP CODE		fusion wt. gm	Au ppb FA+AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
BB06377	201	202	31.27	835	9.6	2.67	210	< 10	430	0.5	< 2	0.63	< 0.5	15	52	34	4.92	< 10	< 1	0.10	20
BB06378	201	202	30.35	< 5	< 0.2	2.12	54	< 10	100	< 0.5	< 2	0.46	< 0.5	16	48	20	3.95	< 10	< 1	0.08	< 10
BB06379	201	202	30.55	10	< 0.2	1.81	50	< 10	100	< 0.5	< 2	0.50	< 0.5	12	42	16	3.07	< 10	< 1	0.05	< 10
BB06380	201	202	31.31	10	< 0.2	1.64	30	< 10	70	< 0.5	< 2	0.21	< 0.5	9	33	10	2.43	< 10	< 1	0.03	< 10
BB06381	201	202	15.26	20	< 0.2	1.53	44	10	60	< 0.5	< 2	0.47	< 0.5	11	36	16	2.66	< 10	< 1	0.05	< 10
BB06382	201	202	31.41	30	0.6	1.94	152	10	170	< 0.5	< 2	0.30	< 0.5	14	44	18	4.06	< 10	< 1	0.06	< 10
BB06464	201	202	15.22	< 5	< 0.2	1.73	34	10	290	< 0.5	< 2	0.51	< 0.5	15	44	19	5.46	< 10	< 1	0.10	10
BB06465	201	202	31.67	60	0.4	1.61	94	< 10	210	< 0.5	< 2	0.55	< 0.5	14	43	33	3.68	< 10	< 1	0.09	10
BB06466	201	202	15.76	105	0.4	1.80	306	< 10	170	< 0.5	< 2	0.39	< 0.5	13	39	26	3.85	< 10	< 1	0.07	10
BB06467	201	202	31.73	25	< 0.2	1.73	66	10	190	< 0.5	< 2	0.51	< 0.5	12	43	30	3.49	< 10	< 1	0.07	10
BB06468	201	202	15.78	< 5	< 0.2	1.92	50	< 10	290	< 0.5	< 2	0.34	< 0.5	18	46	40	6.03	< 10	< 1	0.10	20
BB06469	201	202	31.36	40	0.8	2.05	136	< 10	180	< 0.5	< 2	0.28	< 0.5	12	44	32	3.60	< 10	< 1	0.05	10
BB06470	201	202	15.62	< 5	< 0.2	1.26	26	< 10	180	< 0.5	< 2	0.46	< 0.5	14	33	34	3.99	< 10	< 1	0.10	10
BB06471	201	202	15.46	185	0.4	1.12	296	10	190	< 0.5	< 2	0.58	< 0.5	16	32	22	4.51	< 10	< 1	0.09	10
BB06472	201	202	31.24	210	1.2	1.06	382	10	200	< 0.5	< 2	0.76	< 0.5	17	31	19	4.23	< 10	< 1	0.12	10
BB06473	201	202	30.45	110	0.8	1.94	192	< 10	340	< 0.5	< 2	0.63	< 0.5	17	50	47	5.23	< 10	< 1	0.12	20
BB06474	201	202	30.94	110	0.2	1.60	194	< 10	100	< 0.5	< 2	0.47	< 0.5	13	42	25	3.60	< 10	< 1	0.05	10
BB06475	201	202	31.32	40	0.8	1.70	108	< 10	90	< 0.5	< 2	0.35	< 0.5	11	42	21	3.34	< 10	< 1	0.05	< 10
BB06476	201	202	30.65	10	< 0.2	1.10	58	< 10	280	< 0.5	< 2	0.75	< 0.5	17	35	20	5.38	< 10	< 1	0.11	20
BB06477	201	202	31.06	< 5	< 0.2	1.30	42	< 10	250	< 0.5	< 2	0.75	< 0.5	16	29	15	3.81	< 10	< 1	0.14	10
BB06478	201	202	15.84	50	0.2	1.26	88	< 10	190	< 0.5	< 2	0.66	< 0.5	18	41	21	5.05	< 10	< 1	0.14	20
BB06479	201	202	30.21	95	2.0	1.16	184	< 10	110	< 0.5	< 2	0.49	< 0.5	11	35	30	2.84	< 10	< 1	0.06	10
BB06480	201	202	31.44	120	3.4	1.38	146	< 10	110	< 0.5	< 2	0.39	< 0.5	11	35	30	2.99	< 10	< 1	0.06	10
BB06481	201	202	31.75	40	1.8	1.12	324	10	320	0.5	< 2	0.67	< 0.5	17	26	14	6.79	< 10	< 1	0.12	20
BB06482	201	202	31.43	15	< 0.2	1.95	50	< 10	120	< 0.5	< 2	0.28	< 0.5	10	43	18	3.27	< 10	< 1	0.05	< 10
BB06483	201	202	31.96	60	< 0.2	2.02	200	< 10	120	< 0.5	< 2	0.48	< 0.5	14	50	31	4.28	< 10	< 1	0.08	10
BB06484	201	202	31.74	785	3.4	1.35	458	< 10	220	< 0.5	< 2	0.81	< 0.5	14	37	34	4.12	< 10	< 1	0.10	10
BB06485	201	202	15.06	185	8.6	1.40	156	< 10	120	< 0.5	< 2	0.53	< 0.5	12	36	29	3.16	< 10	< 1	0.07	10
BB06486	201	202	31.03	10	< 0.2	2.06	40	< 10	130	< 0.5	< 2	0.36	< 0.5	15	51	26	4.96	< 10	< 1	0.10	10
BB06487	201	202	15.72	< 5	< 0.2	2.20	54	< 10	220	< 0.5	< 2	0.36	< 0.5	16	50	27	5.33	< 10	< 1	0.10	10
BB06488	201	202	30.78	10	0.2	1.93	118	< 10	220	< 0.5	< 2	0.37	< 0.5	11	50	19	4.08	< 10	< 1	0.06	10
BB06489	201	202	31.32	15	< 0.2	1.56	22	< 10	90	< 0.5	< 2	0.30	< 0.5	10	40	18	3.26	< 10	< 1	0.06	< 10
BB06490	201	202	15.62	10	0.2	1.85	86	< 10	140	< 0.5	< 2	0.35	< 0.5	12	41	17	4.16	< 10	< 1	0.07	10
BB06491	201	202	31.80	10	< 0.2	1.93	64	< 10	90	< 0.5	< 2	0.18	< 0.5	8	41	15	3.27	< 10	< 1	0.06	10
BB06492	201	202	30.93	< 5	< 0.2	2.41	36	< 10	210	< 0.5	< 2	0.40	< 0.5	13	49	21	4.42	< 10	< 1	0.07	10
BB06493	201	202	30.98	10	< 0.2	2.39	52	< 10	230	< 0.5	< 2	0.53	< 0.5	16	56	24	4.97	10	< 1	0.09	10
BB06494	201	202	15.53	< 5	< 0.2	1.66	268	10	130	0.5	< 2	0.26	< 0.5	16	19	10	4.89	< 10	< 1	0.11	10
BB06495	201	202	31.31	15	0.2	2.05	62	< 10	330	< 0.5	< 2	0.47	< 0.5	12	42	18	3.79	< 10	< 1	0.07	20
BB06496	201	202	16.06	35	0.2	1.49	94	10	100	< 0.5	< 2	0.41	< 0.5	11	36	25	2.95	< 10	< 1	0.05	< 10
BB06497	201	202	31.36	5	< 0.2	1.58	58	10	90	< 0.5	< 2	0.36	< 0.5	11	41	12	3.32	< 10	< 1	0.05	< 10

CERTIFICATION:

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Project : ROSY
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Page Number :1-B
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CERTIFICATE OF ANALYSIS A9929586

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
BB06377	201	202	0.89	1745	1	0.01	25	1150	8	0.05	< 2	12	32	0.01	< 10	< 10	86	< 10	68
BB06378	201	202	1.01	955	< 1	0.01	23	1300	6	0.03	< 2	5	27	0.03	< 10	< 10	78	< 10	60
BB06379	201	202	0.99	720	1	0.01	18	1210	4	0.01	< 2	5	35	0.05	< 10	< 10	70	< 10	46
BB06380	201	202	0.61	370	< 1	0.01	13	790	2	0.04	< 2	1	16	0.03	< 10	< 10	56	< 10	34
BB06381	201	202	0.87	575	< 1	0.01	17	1250	2	0.01	< 2	3	27	0.05	< 10	< 10	60	< 10	40
BB06382	201	202	0.68	1075	< 1	0.01	17	1200	6	0.06	< 2	4	20	0.01	< 10	< 10	84	< 10	64
BB06464	201	202	0.68	1180	< 1	0.01	19	1410	6	0.05	< 2	14	25	0.01	< 10	< 10	96	< 10	82
BB06465	201	202	0.86	940	1	0.02	23	1270	4	0.01	< 2	9	25	0.04	< 10	< 10	71	< 10	56
BB06466	201	202	0.75	1120	1	0.02	18	890	2	0.03	< 2	7	21	0.03	< 10	< 10	73	< 10	56
BB06467	201	202	0.82	800	< 1	0.02	21	1090	2	0.03	< 2	7	28	0.03	< 10	< 10	69	< 10	52
BB06468	201	202	0.72	1405	< 1	0.03	26	1170	8	0.04	< 2	17	20	0.02	< 10	< 10	94	< 10	94
BB06469	201	202	0.85	845	< 1	0.01	19	960	2	0.04	< 2	4	19	0.02	< 10	< 10	68	< 10	52
BB06470	201	202	0.61	1140	2	0.02	17	1480	6	0.03	< 2	9	21	0.02	< 10	< 10	68	< 10	70
BB06471	201	202	0.63	1320	1	0.01	19	1570	2	0.03	4	11	21	0.01	< 10	< 10	68	< 10	70
BB06472	201	202	0.60	1915	1	0.01	20	1970	2	0.04	4	9	25	0.01	< 10	< 10	72	< 10	64
BB06473	201	202	0.95	1445	1	0.02	26	1270	8	0.04	< 2	13	33	0.03	< 10	< 10	90	< 10	82
BB06474	201	202	0.88	965	< 1	0.01	17	1230	2	0.01	< 2	5	27	0.03	< 10	< 10	71	< 10	50
BB06475	201	202	0.70	700	1	0.01	14	1040	2	0.04	< 2	1	28	0.03	< 10	< 10	69	< 10	40
BB06476	201	202	0.63	1330	1	0.01	20	1570	6	0.01	< 2	16	36	0.01	< 10	< 10	80	< 10	84
BB06477	201	202	0.68	1455	2	0.01	18	2350	2	0.02	< 2	8	22	< 0.01	< 10	< 10	58	< 10	60
BB06478	201	202	0.62	1435	< 1	0.01	21	1650	2	0.01	< 2	16	22	0.02	< 10	< 10	96	< 10	78
BB06479	201	202	0.78	800	1	0.01	17	1360	< 2	< 0.01	< 2	5	23	0.03	< 10	< 10	55	< 10	44
BB06480	201	202	0.73	715	< 1	0.01	18	1090	6	0.01	< 2	3	20	0.03	< 10	< 10	56	< 10	44
BB06481	201	202	0.27	1030	1	0.01	19	1730	12	0.06	6	18	33	< 0.01	< 10	< 10	74	< 10	118
BB06482	201	202	0.67	665	< 1	0.01	15	860	2	0.04	< 2	3	23	0.03	< 10	< 10	73	< 10	42
BB06483	201	202	0.88	995	1	0.02	24	1070	8	0.02	< 2	5	31	0.05	< 10	< 10	84	< 10	54
BB06484	201	202	0.87	1430	1	0.02	21	1450	2	0.03	2	7	42	0.05	< 10	< 10	65	< 10	60
BB06485	201	202	0.86	800	2	0.01	16	1360	2	0.01	< 2	5	37	0.05	< 10	< 10	64	< 10	46
BB06486	201	202	0.77	1275	< 1	0.02	19	1470	6	0.02	< 2	5	26	0.03	< 10	< 10	100	< 10	76
BB06487	201	202	0.85	1180	< 1	0.01	22	970	6	0.03	< 2	10	30	0.02	< 10	< 10	86	< 10	72
BB06488	201	202	0.69	745	1	0.01	21	460	2	0.01	< 2	8	25	0.03	< 10	< 10	77	< 10	54
BB06489	201	202	0.60	550	1	0.01	17	1150	4	0.05	< 2	1	19	0.03	< 10	< 10	64	< 10	38
BB06490	201	202	0.59	1155	< 1	0.01	16	1310	2	0.05	< 2	3	26	0.03	< 10	< 10	75	< 10	58
BB06491	201	202	0.56	535	< 1	0.01	16	840	4	0.05	< 2	2	16	0.04	< 10	< 10	59	< 10	42
BB06492	201	202	0.78	835	< 1	0.01	25	900	2	0.04	< 2	6	30	0.02	< 10	< 10	83	< 10	62
BB06493	201	202	0.98	1235	< 1	0.01	22	1380	6	0.05	< 2	9	36	0.03	< 10	< 10	98	< 10	72
BB06494	201	202	0.28	1080	< 1	< 0.01	13	1080	8	0.02	6	7	9	< 0.01	< 10	< 10	38	< 10	68
BB06495	201	202	0.78	1155	1	0.01	17	1190	8	0.04	< 2	9	27	0.01	< 10	< 10	70	< 10	60
BB06496	201	202	0.82	800	1	0.01	17	1200	2	0.01	< 2	4	25	0.04	< 10	< 10	58	< 10	44
BB06497	201	202	0.81	655	1	0.01	13	1120	2	0.04	< 2	3	33	0.04	< 10	< 10	72	< 10	46

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Page Number : 2-A
Total Pages : 2
Certificate Date: 29-SEP-1999
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SAMPLE	PREP CODE		fusion wt. gm	Au ppb FA+AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
BB06498	201	202	15.96	< 5	< 0.2	1.96	30	< 10	360	0.5	< 2	0.69	< 0.5	15	28	9	4.67	< 10	< 1	0.12	10
BB06499	201	202	31.17	< 5	< 0.2	2.22	50	10	260	< 0.5	< 2	0.52	< 0.5	16	54	22	5.26	< 10	< 1	0.10	10
BB06500	201	202	30.29	< 5	< 0.2	2.34	60	< 10	190	< 0.5	< 2	0.42	< 0.5	16	49	20	4.90	< 10	< 1	0.08	10
T17430	201	202	31.73	< 5	< 0.2	2.18	8	< 10	340	0.5	< 2	0.72	< 0.5	16	27	47	4.71	< 10	< 1	0.14	20
T17432	201	202	30.20	< 5	< 0.2	1.73	56	< 10	270	< 0.5	< 2	0.65	< 0.5	19	36	35	5.33	< 10	< 1	0.15	20
T22009	201	202	31.17	15	< 0.2	1.20	32	< 10	210	0.5	< 2	0.46	< 0.5	11	16	12	2.89	< 10	< 1	0.20	30
T22010	201	202	31.55	395	0.8	1.43	776	< 10	150	< 0.5	< 2	0.20	< 0.5	20	10	43	5.63	< 10	< 1	0.15	10

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Page Number :2-B
Total Pages :2
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SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
BB06498	201	202	0.54	1195	< 1	< 0.01	14	1250	6	0.01	< 2	10	27	< 0.01	< 10	< 10	67	< 10	66
BB06499	201	202	0.90	1220	1	0.01	23	1050	8	0.04	< 2	12	35	0.02	< 10	< 10	92	< 10	68
BB06500	201	202	0.78	1085	1	0.01	21	1470	8	0.05	< 2	6	27	0.01	< 10	< 10	90	< 10	68
T17430	201	202	0.90	1265	< 1	0.02	15	1540	8	0.03	< 2	10	38	0.02	< 10	< 10	85	< 10	88
T17432	201	202	0.72	1410	1	0.01	18	1660	4	0.02	< 2	13	26	< 0.01	< 10	< 10	89	< 10	94
T22009	201	202	0.36	1570	3	0.01	10	820	28	< 0.01	< 2	6	29	< 0.01	< 10	< 10	40	< 10	60
T22010	201	202	0.18	1045	< 1	0.01	16	900	8	0.03	18	9	13	< 0.01	< 10	< 10	42	< 10	114

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Page Number : 1-A
Total Pages : 3
Certificate Date: 24-AUG-1999
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CERTIFICATE OF ANALYSIS A9925736

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
BB18877	201	202	10	< 0.2	2.12	162	< 10	180	0.5	< 2	0.59	< 0.5	12	32	15	3.52	< 10	< 1	0.09	10	0.98
BB18878	201	202	60	0.2	2.06	240	< 10	190	0.5	< 2	0.57	< 0.5	18	44	33	4.96	< 10	< 1	0.13	20	1.00
BB18879	201	202	10	< 0.2	1.13	18	< 10	90	1.0	< 2	0.19	< 0.5	6	11	13	1.57	< 10	< 1	0.13	20	0.36
BB18880	201	202	30	0.2	2.16	166	< 10	230	1.5	< 2	0.43	< 0.5	12	26	19	3.58	< 10	< 1	0.19	20	0.74
BB18881	201	202	< 5	< 0.2	2.38	30	< 10	380	0.5	< 2	0.62	< 0.5	13	42	25	4.03	< 10	< 1	0.08	20	1.15
BB18882	201	202	50	2.8	1.71	326	< 10	240	0.5	< 2	0.60	< 0.5	16	31	15	4.50	< 10	< 1	0.13	10	1.10
BB18883	201	202	110	2.6	2.24	306	< 10	250	0.5	< 2	0.64	< 0.5	18	42	22	4.94	< 10	< 1	0.11	20	1.26
BB18884	201	202	10	< 0.2	2.36	44	< 10	240	0.5	< 2	0.53	< 0.5	14	38	21	4.07	< 10	< 1	0.10	10	1.13
BB18885	201	202	120	3.2	1.43	528	< 10	240	0.5	< 2	0.53	< 0.5	16	25	20	4.55	< 10	< 1	0.15	10	0.73
BB18886	201	202	130	2.0	2.03	572	< 10	400	0.5	< 2	0.77	< 0.5	16	25	16	4.40	< 10	< 1	0.16	10	0.74
BB18887	201	202	90	2.0	1.77	336	< 10	260	0.5	< 2	0.56	< 0.5	15	32	18	3.96	< 10	< 1	0.11	10	0.96
BB18888	201	202	250	2.8	1.23	1180	< 10	290	0.5	< 2	0.41	< 0.5	14	21	24	5.29	< 10	< 1	0.12	10	0.37
BB18889	201	202	90	0.6	1.96	240	< 10	210	0.5	< 2	0.52	< 0.5	12	30	29	3.45	< 10	< 1	0.12	10	0.80
BB18890	201	202	45	0.4	1.15	276	< 10	270	0.5	< 2	0.61	< 0.5	18	24	32	5.06	< 10	< 1	0.14	20	0.50
BB18898	201	202	25	< 0.2	1.58	180	< 10	250	0.5	< 2	0.66	< 0.5	17	25	28	4.40	< 10	< 1	0.15	20	0.59
BB18989	201	202	50	0.4	1.60	292	< 10	370	0.5	< 2	0.72	< 0.5	16	27	26	4.73	< 10	< 1	0.15	20	0.73
BB18990	201	202	95	0.2	1.31	438	< 10	340	1.0	< 2	0.64	< 0.5	17	16	18	3.99	< 10	< 1	0.19	20	0.48
BB18991	201	202	30	0.2	2.05	132	< 10	300	1.5	< 2	0.55	< 0.5	12	28	22	3.69	< 10	< 1	0.16	20	1.05
BB18992	201	202	40	0.2	2.47	470	< 10	400	0.5	< 2	0.68	< 0.5	13	35	23	4.42	< 10	< 1	0.15	10	0.73
BB18993	201	202	165	0.8	1.26	636	< 10	260	0.5	< 2	0.50	< 0.5	16	19	27	4.44	< 10	< 1	0.16	10	0.41
BB18994	201	202	60	3.0	2.14	266	< 10	520	0.5	< 2	1.30	< 0.5	12	33	50	4.04	< 10	< 1	0.12	20	0.61
BB18995	201	202	75	0.6	2.29	366	< 10	450	0.5	< 2	1.05	< 0.5	13	42	37	3.84	< 10	< 1	0.14	10	0.88
BB18996	201	202	5	0.2	2.28	40	< 10	300	0.5	< 2	0.37	< 0.5	15	45	30	3.55	< 10	< 1	0.10	10	0.94
BB18997	201	202	10	0.4	2.69	52	< 10	530	0.5	< 2	0.63	< 0.5	14	49	44	3.68	< 10	< 1	0.13	10	1.01
BB18998	201	202	< 5	< 0.2	2.17	12	< 10	220	< 0.5	< 2	0.34	< 0.5	14	49	35	3.25	< 10	< 1	0.08	10	0.91
BB18999	201	202	10	0.2	2.93	68	< 10	490	0.5	< 2	0.59	< 0.5	13	51	39	3.74	< 10	< 1	0.10	20	1.06
BB19000	201	202	5	< 0.2	1.92	32	< 10	200	< 0.5	< 2	0.49	< 0.5	14	44	33	3.47	< 10	< 1	0.09	10	0.95
BB19103	201	202	< 5	< 0.2	2.42	16	< 10	240	< 0.5	< 2	0.50	< 0.5	17	56	41	3.87	< 10	< 1	0.10	10	1.14
BB19104	201	202	10	< 0.2	1.47	12	< 10	80	< 0.5	< 2	0.19	< 0.5	9	33	28	2.55	< 10	< 1	0.04	< 10	0.58
BB19105	201	202	< 5	< 0.2	1.28	18	< 10	90	< 0.5	< 2	0.32	< 0.5	19	42	92	4.01	< 10	< 1	0.06	< 10	0.96
BB19106	201	202	35	1.6	1.40	116	< 10	330	0.5	< 2	0.89	< 0.5	17	21	28	6.95	< 10	< 1	0.08	10	0.55
BB19107	201	202	65	0.4	1.38	174	< 10	370	0.5	< 2	1.00	< 0.5	17	19	36	7.21	< 10	< 1	0.10	10	0.53
BB19108	201	202	< 5	< 0.2	1.73	24	< 10	160	< 0.5	< 2	0.56	< 0.5	13	32	31	3.50	< 10	< 1	0.07	10	0.92
BB19109	201	202	20	< 0.2	2.21	110	< 10	400	0.5	< 2	0.52	< 0.5	19	39	27	5.20	< 10	< 1	0.11	10	1.01
BB19110	201	202	220	3.0	2.23	544	< 10	480	0.5	< 2	0.67	< 0.5	19	40	33	5.37	< 10	< 1	0.14	20	1.12
BB19111	201	202	195	1.4	2.11	264	< 10	370	0.5	< 2	0.82	< 0.5	21	33	46	5.75	< 10	< 1	0.18	20	1.04
BB19112	201	202	90	1.2	2.01	300	< 10	280	0.5	< 2	0.57	< 0.5	18	37	25	5.06	< 10	< 1	0.14	10	1.10
BB19113	201	202	45	2.0	1.98	166	< 10	430	0.5	< 2	0.66	0.5	19	34	43	5.35	< 10	< 1	0.16	20	0.96
BB19114	201	202	80	1.6	1.67	370	< 10	310	0.5	< 2	0.51	< 0.5	18	31	27	5.07	< 10	< 1	0.12	20	0.85
BB19115	201	202	85	2.6	1.33	410	< 10	170	0.5	< 2	0.98	< 0.5	16	29	17	4.26	< 10	< 1	0.12	10	0.94

CERTIFICATION:

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Analytical Chemists * Geochemists * Registered Assayers

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WHITEHORSE, YT
Y1A 3S9

Project : ROSY
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Page Number : 1-B
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Certificate Date: 24-AUG-1999
Invoice No. : I9925736
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Account : RCM

CERTIFICATE OF ANALYSIS A9925736

SAMPLE	PREP CODE	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
BB18877	201 202	640	< 1	0.02	15	1270	< 2	0.04	2	5	58	0.01	< 10	< 10	57	< 10	62
BB18878	201 202	1365	1	0.01	25	1350	6	0.01	4	11	36	0.03	< 10	< 10	82	< 10	90
BB18879	201 202	1395	1	0.03	7	630	26	0.01	< 2	2	18	0.03	< 10	< 10	26	< 10	40
BB18880	201 202	1515	5	0.01	14	1040	14	0.04	< 2	6	36	< 0.01	< 10	10	47	< 10	68
BB18881	201 202	1460	1	0.01	18	1340	2	0.06	2	10	48	0.03	< 10	< 10	96	< 10	78
BB18882	201 202	1220	1	0.01	16	1450	4	0.20	4	7	100	0.01	< 10	< 10	64	< 10	74
BB18883	201 202	1455	< 1	< 0.01	20	1530	8	0.06	4	11	42	0.01	< 10	< 10	86	< 10	92
BB18884	201 202	1120	1	< 0.01	16	1340	2	0.04	2	8	34	< 0.01	< 10	< 10	72	< 10	74
BB18885	201 202	1100	1	0.01	17	1410	4	0.13	6	6	75	< 0.01	< 10	< 10	49	< 10	80
BB18886	201 202	1090	< 1	0.02	15	1190	4	0.06	4	6	94	< 0.01	< 10	< 10	44	< 10	80
BB18887	201 202	1095	1	< 0.01	16	1310	2	0.04	6	6	44	0.01	< 10	< 10	61	< 10	74
BB18888	201 202	840	< 1	< 0.01	16	1030	10	0.04	10	8	24	< 0.01	< 10	< 10	47	< 10	94
BB18889	201 202	460	1	0.01	18	1070	4	0.03	4	6	45	0.02	< 10	< 10	52	< 10	84
BB18890	201 202	1440	< 1	< 0.01	19	1650	4	0.05	4	9	22	< 0.01	< 10	< 10	55	< 10	82
BB18898	201 202	1325	1	< 0.01	17	1470	< 2	0.03	2	9	45	< 0.01	< 10	< 10	55	< 10	74
BB18989	201 202	1340	1	< 0.01	19	1280	6	0.06	2	10	40	< 0.01	< 10	< 10	55	< 10	82
BB18990	201 202	1305	2	< 0.01	16	1340	12	0.16	4	7	25	< 0.01	< 10	< 10	34	< 10	80
BB18991	201 202	935	2	< 0.01	14	1150	14	0.04	< 2	6	41	< 0.01	< 10	< 10	51	< 10	80
BB18992	201 202	1485	1	< 0.01	14	1420	6	0.07	2	8	48	< 0.01	< 10	< 10	67	< 10	76
BB18993	201 202	1370	1	< 0.01	19	880	12	0.06	6	6	30	< 0.01	< 10	< 10	37	< 10	76
BB18994	201 202	1015	1	0.01	18	1660	8	0.12	6	8	70	< 0.01	< 10	< 10	61	< 10	68
BB18995	201 202	820	1	0.01	20	1370	8	0.10	6	7	62	0.03	< 10	< 10	69	< 10	62
BB18996	201 202	720	1	0.01	24	660	2	0.03	< 2	8	34	0.04	< 10	< 10	70	< 10	60
BB18997	201 202	715	1	0.01	28	1210	6	0.07	< 2	7	42	0.03	< 10	< 10	69	< 10	70
BB18998	201 202	555	1	0.01	28	830	< 2	0.05	< 2	3	23	0.05	< 10	< 10	74	< 10	56
BB18999	201 202	640	1	0.01	29	1320	2	0.06	2	6	42	0.04	< 10	< 10	75	< 10	86
BB19000	201 202	635	1	0.02	27	710	< 2	0.01	< 2	5	33	0.08	< 10	< 10	80	< 10	56
BB19103	201 202	670	1	0.02	37	910	< 2	0.03	2	6	33	0.08	< 10	< 10	83	< 10	66
BB19104	201 202	470	1	0.01	20	610	< 2	0.03	< 2	2	13	0.05	< 10	< 10	59	< 10	48
BB19105	201 202	585	1	0.01	32	750	< 2	0.03	< 2	5	16	0.06	< 10	< 10	122	< 10	56
BB19106	201 202	2050	1	< 0.01	16	1090	36	0.07	< 2	7	36	< 0.01	< 10	< 10	68	< 10	102
BB19107	201 202	2230	1	< 0.01	15	1410	26	0.12	2	8	38	< 0.01	< 10	< 10	58	< 10	118
BB19108	201 202	605	1	0.01	19	1160	< 2	0.04	2	5	35	0.05	< 10	< 10	81	< 10	66
BB19109	201 202	1670	1	< 0.01	20	1420	10	0.05	2	12	27	< 0.01	< 10	< 10	79	< 10	92
BB19110	201 202	1680	1	< 0.01	21	1470	14	0.05	4	11	37	< 0.01	< 10	< 10	71	< 10	108
BB19111	201 202	1505	1	< 0.01	21	1670	6	0.16	< 2	10	29	< 0.01	< 10	< 10	61	< 10	100
BB19112	201 202	1530	1	< 0.01	20	1350	10	0.09	4	10	28	< 0.01	< 10	< 10	71	< 10	94
BB19113	201 202	1750	1	< 0.01	19	1420	100	0.11	2	10	32	< 0.01	< 10	< 10	70	< 10	180
BB19114	201 202	1660	1	< 0.01	19	1400	38	0.09	2	10	23	< 0.01	< 10	< 10	62	< 10	110
BB19115	201 202	1000	1	0.01	16	1310	4	0.21	2	6	72	0.01	< 10	< 10	56	< 10	76

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
BOX 4127, 2054 SECOND AVE.
WHITEHORSE, YT
Y1A 3S9

Project : ROSY
Comments:

Page Number :2-A
Total Pages :3
Certificate Date: 24-AUG-1999
Invoice No. :19925736
P.O. Number :
Account :RCM

CERTIFICATE OF ANALYSIS A9925736

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
BB19116	201	202	10	< 0.2	2.10	60	< 10	310	0.5	< 2	0.73	< 0.5	15	37	19	4.47	< 10	< 1	0.14	20	1.13
BB19117	201	202	15	< 0.2	1.83	64	< 10	290	0.5	< 2	0.72	< 0.5	15	32	27	4.73	< 10	< 1	0.14	20	0.63
BB25601	201	202	< 5	< 0.2	1.87	26	< 10	180	0.5	< 2	0.26	< 0.5	13	39	25	3.00	< 10	< 1	0.04	10	0.81
BB25602	201	202	< 5	< 0.2	2.12	32	< 10	270	0.5	< 2	0.36	< 0.5	14	39	33	3.39	< 10	< 1	0.06	10	0.98
BB25603	201	202	10	< 0.2	2.40	72	< 10	290	0.5	< 2	0.56	< 0.5	11	35	20	3.04	< 10	< 1	0.07	10	0.79
BB25604	201	202	35	0.6	1.60	306	< 10	370	0.5	< 2	0.58	< 0.5	18	33	21	5.47	< 10	< 1	0.13	20	0.45
BB25605	201	202	55	0.4	1.74	292	< 10	280	0.5	< 2	0.53	< 0.5	20	42	25	5.41	< 10	< 1	0.11	20	0.75
BB25606	201	202	< 5	< 0.2	2.40	48	< 10	360	0.5	< 2	0.52	< 0.5	15	46	23	4.21	< 10	< 1	0.10	20	0.84
BB25607	201	202	5	< 0.2	2.58	74	< 10	330	0.5	< 2	0.50	< 0.5	14	49	36	3.83	< 10	< 1	0.10	10	0.99
BB25608	201	202	30	0.6	1.30	330	< 10	270	0.5	< 2	0.46	< 0.5	15	24	28	4.49	< 10	< 1	0.11	10	0.34
BB25609	201	202	< 5	< 0.2	1.92	96	< 10	390	0.5	< 2	0.62	< 0.5	12	42	17	4.42	< 10	< 1	0.07	20	0.54
BB25610	201	202	10	< 0.2	1.84	144	< 10	260	0.5	< 2	0.56	< 0.5	12	39	26	4.30	< 10	< 1	0.07	30	0.59
BB25611	201	202	< 5	< 0.2	2.04	40	< 10	300	0.5	< 2	0.43	< 0.5	10	36	21	3.34	< 10	< 1	0.06	20	0.60
BB25612	201	202	< 5	< 0.2	2.14	14	< 10	210	0.5	< 2	0.63	< 0.5	11	37	28	3.20	< 10	< 1	0.07	10	0.82
BB25613	201	202	< 5	< 0.2	1.16	46	< 10	220	0.5	< 2	0.66	< 0.5	16	28	33	4.12	< 10	< 1	0.09	20	0.43
BB25614	201	202	< 5	< 0.2	1.55	32	< 10	210	0.5	< 2	0.61	< 0.5	20	38	28	5.09	< 10	< 1	0.10	10	0.72
BB25615	201	202	< 5	< 0.2	1.92	10	< 10	160	0.5	< 2	0.55	< 0.5	14	40	22	3.70	< 10	< 1	0.06	10	0.73
BB25616	201	202	< 5	< 0.2	1.10	6	< 10	240	1.0	< 2	0.27	< 0.5	25	32	30	6.37	< 10	< 1	0.10	40	0.17
BB25617	201	202	< 5	< 0.2	1.50	12	< 10	200	0.5	< 2	0.48	< 0.5	14	35	24	3.98	< 10	< 1	0.07	10	0.67
BB25618	201	202	230	< 0.2	1.70	20	< 10	160	< 0.5	< 2	0.25	< 0.5	12	40	25	2.99	< 10	< 1	0.05	< 10	0.86
BB25619	201	202	< 5	< 0.2	1.60	14	< 10	180	< 0.5	< 2	0.55	< 0.5	13	40	32	2.68	< 10	< 1	0.07	10	0.91
BB25620	201	202	< 5	< 0.2	1.49	12	< 10	280	< 0.5	< 2	0.43	< 0.5	11	37	20	3.11	< 10	< 1	0.06	10	0.68
BB25621	201	202	< 5	< 0.2	1.80	62	< 10	360	0.5	< 2	0.66	< 0.5	17	41	34	5.18	< 10	< 1	0.09	10	0.58
BB25622	201	202	< 5	< 0.2	1.78	26	< 10	180	0.5	< 2	0.43	< 0.5	19	43	32	5.29	< 10	< 1	0.08	10	0.68
BB25739	201	202	150	0.6	2.73	204	< 10	460	0.5	< 2	0.92	< 0.5	18	36	29	4.56	< 10	< 1	0.17	20	1.30
BB25740	201	202	95	0.2	2.03	462	< 10	290	1.5	< 2	0.44	< 0.5	17	30	36	4.68	< 10	< 1	0.16	30	0.85
BB25741	201	202	15	< 0.2	2.21	70	< 10	390	1.0	< 2	0.63	< 0.5	17	32	36	4.45	< 10	< 1	0.19	30	1.08
BB25742	201	202	15	0.2	2.28	72	< 10	380	0.5	< 2	1.00	< 0.5	16	34	47	4.63	< 10	< 1	0.16	30	1.22
BB25743	201	202	< 5	< 0.2	1.93	30	< 10	300	0.5	< 2	0.52	< 0.5	12	29	22	3.38	< 10	< 1	0.09	10	0.69
BB25744	201	202	10	< 0.2	2.14	44	< 10	280	0.5	< 2	0.61	< 0.5	19	38	102	5.05	< 10	< 1	0.11	10	0.93
BB25745	201	202	15	< 0.2	2.05	60	< 10	170	0.5	< 2	0.70	< 0.5	26	40	129	5.75	< 10	< 1	0.12	10	0.97
BB25746	201	202	55	0.2	1.83	140	< 10	280	0.5	< 2	0.79	< 0.5	23	32	138	6.38	< 10	< 1	0.11	10	0.85
BB25747	201	202	35	0.2	2.14	118	< 10	190	< 0.5	< 2	1.00	< 0.5	40	44	245	7.12	< 10	< 1	0.13	< 10	1.63
BB25748	201	202	25	< 0.2	2.02	88	< 10	190	< 0.5	< 2	0.74	< 0.5	49	61	84	8.82	< 10	< 1	0.08	< 10	1.99
BB25749	201	202	30	0.2	1.94	170	< 10	200	< 0.5	< 2	0.70	< 0.5	67	84	152	11.35	< 10	< 1	0.10	< 10	2.09
BB25750	201	202	10	0.2	2.04	64	< 10	220	< 0.5	< 2	1.20	< 0.5	37	82	132	6.38	< 10	< 1	0.17	< 10	1.51
BB28235	201	202	< 5	< 0.2	2.07	22	< 10	180	0.5	< 2	0.44	< 0.5	11	42	24	3.18	< 10	< 1	0.08	10	0.79
BB28236	201	202	10	< 0.2	2.09	28	< 10	250	0.5	< 2	0.54	< 0.5	11	42	26	3.01	< 10	< 1	0.07	20	0.87
BB30460	201	202	35	< 0.2	2.10	66	< 10	280	0.5	< 2	1.02	< 0.5	58	100	177	9.82	< 10	< 1	0.16	< 10	1.33
BB30461	201	202	< 5	< 0.2	1.92	10	< 10	110	< 0.5	< 2	0.63	< 0.5	18	54	125	4.55	< 10	< 1	0.07	< 10	1.21

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BB19116	201 202	1395	1	< 0.01	17	1490	6	0.05	2	10	44	0.01	< 10	< 10	78	< 10	82
BB19117	201 202	585	1	< 0.01	19	1380	12	0.04	2	15	41	< 0.01	< 10	< 10	73	< 10	110
BB25601	201 202	710	1	0.01	25	810	6	0.03	< 2	4	15	0.03	< 10	< 10	51	< 10	50
BB25602	201 202	930	1	< 0.01	21	760	2	0.02	< 2	5	21	0.01	< 10	< 10	62	< 10	58
BB25603	201 202	730	1	0.01	17	740	2	0.03	2	5	54	0.02	< 10	< 10	56	< 10	52
BB25604	201 202	1365	< 1	< 0.01	18	1230	6	0.03	4	12	33	< 0.01	< 10	< 10	77	< 10	88
BB25605	201 202	1385	1	< 0.01	21	1280	4	0.02	6	13	27	0.01	< 10	< 10	85	< 10	96
BB25606	201 202	1240	1	0.01	19	1320	< 2	0.06	< 2	10	32	0.01	< 10	< 10	79	< 10	68
BB25607	201 202	805	1	0.01	26	1050	2	0.05	2	6	33	0.04	< 10	< 10	73	< 10	76
BB25608	201 202	865	1	< 0.01	15	1020	6	0.04	4	8	21	< 0.01	< 10	< 10	46	< 10	74
BB25609	201 202	910	1	0.01	15	1580	6	0.08	2	8	44	0.01	< 10	< 10	82	< 10	66
BB25610	201 202	915	< 1	< 0.01	17	1510	8	0.06	2	8	29	0.01	< 10	< 10	59	< 10	76
BB25611	201 202	820	1	0.01	14	1470	< 2	0.09	2	4	31	0.02	< 10	< 10	61	< 10	66
BB25612	201 202	840	1	0.01	17	1130	2	0.06	< 2	5	43	0.03	< 10	< 10	68	< 10	68
BB25613	201 202	1135	< 1	< 0.01	18	1370	2	0.02	2	10	31	< 0.01	< 10	< 10	58	< 10	74
BB25614	201 202	1350	< 1	< 0.01	22	1520	< 2	0.01	4	12	32	0.01	< 10	< 10	74	< 10	92
BB25615	201 202	730	1	0.01	23	1060	< 2	0.01	2	7	49	0.03	< 10	< 10	69	< 10	64
BB25616	201 202	2500	< 1	< 0.01	13	990	2	< 0.01	< 2	11	9	< 0.01	< 10	< 10	66	< 10	104
BB25617	201 202	730	< 1	0.01	19	1290	< 2	0.01	< 2	9	22	0.01	< 10	< 10	67	< 10	84
BB25618	201 202	610	< 1	0.01	19	580	< 2	0.02	2	3	16	0.03	< 10	< 10	57	< 10	44
BB25619	201 202	645	1	0.02	21	940	< 2	0.01	< 2	5	31	0.05	< 10	< 10	55	< 10	46
BB25620	201 202	600	1	0.01	16	770	2	0.04	< 2	5	33	0.04	< 10	< 10	60	< 10	46
BB25621	201 202	1055	1	< 0.01	20	910	2	0.04	6	13	37	< 0.01	< 10	< 10	79	< 10	66
BB25622	201 202	1025	1	< 0.01	18	930	2	0.03	2	8	27	0.01	< 10	< 10	84	< 10	70
BB25739	201 202	1630	1	< 0.01	20	1360	4	0.04	2	9	82	< 0.01	< 10	< 10	61	< 10	88
BB25740	201 202	1855	1	< 0.01	20	1120	12	0.03	10	10	25	< 0.01	< 10	< 10	54	< 10	80
BB25741	201 202	1785	1	0.01	18	1350	8	0.04	2	8	44	< 0.01	< 10	< 10	54	< 10	82
BB25742	201 202	1550	1	0.01	17	1060	6	0.08	4	9	45	< 0.01	< 10	< 10	60	< 10	86
BB25743	201 202	680	1	0.01	13	1200	< 2	0.09	2	3	29	0.01	< 10	< 10	70	< 10	50
BB25744	201 202	690	1	0.02	25	1170	2	0.04	2	13	25	0.01	< 10	< 10	130	< 10	66
BB25745	201 202	845	1	0.02	34	1210	< 2	0.03	4	18	25	0.02	< 10	< 10	148	< 10	74
BB25746	201 202	1650	1	0.01	23	1330	< 2	0.05	2	13	27	0.01	< 10	< 10	118	< 10	76
BB25747	201 202	1165	1	0.05	51	1210	< 2	0.03	4	27	26	0.07	< 10	< 10	236	< 10	78
BB25748	201 202	715	1	0.04	79	530	< 2	0.04	2	27	22	0.15	< 10	< 10	418	< 10	76
BB25749	201 202	935	1	0.03	105	340	< 2	0.03	4	33	18	0.12	< 10	< 10	556	< 10	82
BB25750	201 202	1060	1	0.05	58	1650	< 2	0.03	4	26	36	0.06	< 10	< 10	190	< 10	66
BB28235	201 202	580	1	0.01	22	980	< 2	0.03	2	4	32	0.05	< 10	< 10	64	< 10	52
BB28236	201 202	560	1	0.02	23	770	4	0.02	2	6	38	0.06	< 10	< 10	58	< 10	60
BB30460	201 202	1905	1	0.06	92	660	< 2	0.03	6	62	30	0.07	< 10	< 10	388	< 10	110
BB30461	201 202	510	1	0.05	33	740	< 2	0.02	2	14	25	0.09	< 10	< 10	166	< 10	52

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221 FAX: 604-984-0218

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
BOX 4127, 2054 SECOND AVE.
WHITEHORSE, YT
Y1A 3S9

Project : ROSY
Comments:

Page Number : 3-A
Total Pages : 3
Certificate Date: 24-AUG-1999
Invoice No. : I9925736
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS A9925736

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
BB30462	201	202	25	< 0.2	2.05	134	< 10	300	0.5	< 2	0.67	< 0.5	75	72	103	11.95	< 10	< 1	0.12	< 10	0.98
BB30463	201	202	< 5	< 0.2	2.32	10	< 10	170	< 0.5	< 2	0.54	< 0.5	21	57	45	4.59	< 10	< 1	0.07	< 10	1.33
BB30464	201	202	< 5	< 0.2	2.70	18	< 10	380	0.5	< 2	0.90	< 0.5	30	33	137	7.20	< 10	< 1	0.11	< 10	0.86
BB30465	201	202	< 5	< 0.2	2.48	8	< 10	280	0.5	< 2	0.59	< 0.5	16	19	57	4.85	< 10	< 1	0.11	10	0.95
BB30466	201	202	< 5	< 0.2	2.20	4	< 10	120	< 0.5	< 2	0.21	< 0.5	12	35	29	3.42	< 10	< 1	0.07	< 10	0.68
BB30467	201	202	10	< 0.2	0.95	42	< 10	210	0.5	< 2	0.87	< 0.5	18	10	42	4.63	< 10	< 1	0.14	10	0.23
BB30468	201	202	< 5	< 0.2	1.89	6	< 10	410	< 0.5	< 2	0.52	< 0.5	14	40	29	3.40	< 10	< 1	0.06	10	0.94
BB30469	201	202	< 5	< 0.2	2.63	24	< 10	520	0.5	< 2	0.46	< 0.5	14	46	32	3.96	< 10	< 1	0.12	30	1.12
BB30470	201	202	< 5	< 0.2	2.06	10	< 10	190	< 0.5	< 2	0.43	< 0.5	12	44	25	3.19	< 10	< 1	0.08	10	0.86
BB30471	201	202	< 5	< 0.2	1.70	6	< 10	190	< 0.5	< 2	0.34	< 0.5	7	24	20	2.04	< 10	< 1	0.06	< 10	0.51
BB30472	201	202	< 5	< 0.2	1.92	6	< 10	160	< 0.5	< 2	0.40	< 0.5	11	39	23	3.00	< 10	< 1	0.08	10	0.68
BB30473	201	202	< 5	< 0.2	2.48	28	< 10	290	0.5	< 2	0.63	< 0.5	12	44	30	3.43	< 10	< 1	0.10	10	0.85
BB30474	201	202	< 5	< 0.2	1.54	96	< 10	350	0.5	< 2	0.33	< 0.5	13	27	20	4.28	< 10	< 1	0.08	10	0.46
BB30475	201	202	10	< 0.2	1.98	70	< 10	310	1.0	< 2	0.43	< 0.5	11	26	25	3.14	< 10	< 1	0.10	20	0.60
BB30476	201	202	90	0.4	1.14	534	< 10	310	0.5	< 2	0.50	< 0.5	18	21	32	6.06	< 10	< 1	0.11	20	0.31
BB30477	201	202	20	0.2	2.13	62	< 10	440	0.5	< 2	0.35	< 0.5	12	32	30	3.10	< 10	< 1	0.10	10	0.73
BB30478	201	202	155	0.2	1.96	378	< 10	180	< 0.5	< 2	0.48	< 0.5	12	37	34	3.02	< 10	< 1	0.09	10	0.81
BB30479	201	202	< 5	< 0.2	1.46	12	< 10	180	< 0.5	< 2	0.34	< 0.5	11	31	32	2.44	< 10	< 1	0.06	10	0.81
BB30480	201	202	10	< 0.2	1.23	10	< 10	140	< 0.5	< 2	0.28	< 0.5	9	25	20	2.13	< 10	< 1	0.03	< 10	0.63
BB30481	201	202	10	< 0.2	0.70	60	< 10	140	< 0.5	< 2	0.17	< 0.5	7	13	16	1.84	< 10	< 1	0.03	< 10	0.43
BB30482	201	202	20	0.6	1.88	136	< 10	330	< 0.5	< 2	0.47	< 0.5	11	31	26	2.82	< 10	< 1	0.05	10	0.77
BB30483	201	202	70	0.8	1.69	264	< 10	350	0.5	< 2	0.34	< 0.5	11	31	23	3.48	< 10	< 1	0.07	10	0.72
BB30484	201	202	35	0.2	1.29	116	< 10	140	< 0.5	< 2	0.36	< 0.5	12	33	29	2.68	< 10	< 1	0.05	10	0.68
BB30485	201	202	10	< 0.2	1.68	40	< 10	90	< 0.5	< 2	0.36	< 0.5	12	39	20	2.89	< 10	< 1	0.05	10	1.03
BB30486	201	202	20	0.6	1.64	80	< 10	140	< 0.5	< 2	0.32	< 0.5	12	37	25	3.04	< 10	< 1	0.05	10	0.95
BB30487	201	202	35	0.6	1.57	68	< 10	210	0.5	< 2	0.48	< 0.5	18	37	23	5.21	< 10	< 1	0.09	30	0.77
BB30488	201	202	390	18.2	1.60	806	< 10	130	0.5	< 2	0.32	< 0.5	15	35	22	4.57	< 10	< 1	0.05	10	0.74
BB30489	201	202	< 5	< 0.2	1.81	28	< 10	150	< 0.5	< 2	0.30	< 0.5	13	41	38	2.87	< 10	< 1	0.04	10	1.20
BB30490	201	202	15	0.8	1.69	112	< 10	120	< 0.5	< 2	0.30	< 0.5	14	37	30	3.39	< 10	< 1	0.05	10	1.08
BB30491	201	202	15	0.4	1.32	82	< 10	180	< 0.5	< 2	0.45	< 0.5	11	29	21	2.85	< 10	< 1	0.05	10	0.89
BB30492	201	202	10	0.6	1.48	50	< 10	230	< 0.5	< 2	0.42	< 0.5	11	28	29	2.77	< 10	< 1	0.06	10	0.85
BB30493	201	202	125	0.8	1.53	820	< 10	480	0.5	< 2	0.45	< 0.5	16	26	16	4.87	< 10	< 1	0.07	20	0.63
BB30494	201	202	10	< 0.2	1.82	74	< 10	310	0.5	< 2	0.34	< 0.5	12	29	20	3.01	< 10	< 1	0.07	20	0.89
BB30495	201	202	20	0.2	1.87	116	< 10	250	0.5	< 2	0.38	< 0.5	14	34	16	3.50	< 10	< 1	0.06	10	1.05
BB30496	201	202	< 5	0.2	1.24	72	< 10	120	< 0.5	< 2	0.25	< 0.5	13	30	24	2.95	< 10	< 1	0.05	10	0.68
BB30497	201	202	< 5	< 0.2	1.28	14	< 10	220	< 0.5	< 2	0.42	< 0.5	9	31	20	2.66	< 10	< 1	0.04	10	0.55
BB30498	201	202	< 5	< 0.2	1.59	22	< 10	160	< 0.5	< 2	0.43	< 0.5	10	35	25	2.71	< 10	< 1	0.04	10	0.79
BB30499	201	202	< 5	< 0.2	1.63	110	< 10	230	0.5	< 2	0.53	< 0.5	15	36	29	4.35	< 10	< 1	0.13	20	0.60

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
BOX 4127, 2054 SECOND AVE.
WHITEHORSE, YT
Y1A 3S9

Project : ROSY
Comments:

Page [illegible]ber : 3-B
Total [illegible]s : 3
Certificate Date: 24-AUG-1999
Invoice No. : I9925736
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS A9925736

SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
BB30462	201	202	2300	1	0.01	101	540	< 2	0.04	4	72	30	0.02	< 10	< 10	432	< 10	110
BB30463	201	202	530	1	0.03	44	380	< 2	0.02	< 2	10	34	0.12	< 10	< 10	154	< 10	58
BB30464	201	202	1355	1	< 0.01	24	1660	< 2	0.04	2	19	29	0.01	< 10	< 10	175	< 10	84
BB30465	201	202	2070	1	< 0.01	12	1290	< 2	0.01	4	9	18	< 0.01	< 10	< 10	78	< 10	74
BB30466	201	202	865	1	0.01	15	840	< 2	0.05	< 2	2	18	0.05	< 10	< 10	70	< 10	66
BB30467	201	202	1275	< 1	< 0.01	10	1430	< 2	0.01	2	15	11	< 0.01	< 10	< 10	60	< 10	76
BB30468	201	202	730	< 1	0.01	19	780	< 2	0.03	< 2	5	30	0.05	< 10	< 10	82	< 10	58
BB30469	201	202	1320	1	< 0.01	22	1020	4	0.03	2	8	24	0.01	< 10	< 10	69	< 10	72
BB30470	201	202	560	1	0.02	19	710	< 2	0.04	< 2	3	29	0.05	< 10	< 10	64	< 10	56
BB30471	201	202	365	1	0.03	10	870	< 2	0.05	< 2	1	22	0.01	< 10	< 10	43	< 10	36
BB30472	201	202	650	1	0.02	16	780	< 2	0.05	< 2	1	31	0.05	< 10	< 10	67	< 10	44
BB30473	201	202	650	1	0.03	21	760	2	0.04	2	4	40	0.05	< 10	< 10	68	< 10	58
BB30474	201	202	1130	1	< 0.01	15	1110	6	0.03	2	4	18	< 0.01	< 10	< 10	50	< 10	76
BB30475	201	202	760	1	0.01	16	990	12	0.03	2	5	31	0.01	< 10	< 10	44	< 10	68
BB30476	201	202	1450	< 1	< 0.01	19	1240	6	0.05	4	12	21	< 0.01	< 10	< 10	54	< 10	96
BB30477	201	202	740	1	0.02	17	940	4	0.03	2	3	34	0.03	< 10	< 10	51	< 10	60
BB30478	201	202	590	< 1	0.02	21	810	2	0.01	2	6	36	0.05	< 10	< 10	54	< 10	60
BB30479	201	202	550	1	< 0.01	23	740	< 2	< 0.01	< 2	3	16	0.03	< 10	< 10	43	< 10	44
BB30480	201	202	370	1	< 0.01	14	720	< 2	0.02	< 2	1	13	0.01	< 10	< 10	40	< 10	34
BB30481	201	202	350	< 1	< 0.01	10	540	2	0.03	< 2	1	11	< 0.01	< 10	< 10	31	< 10	30
BB30482	201	202	830	1	< 0.01	15	1070	< 2	0.06	< 2	4	31	0.01	< 10	< 10	51	< 10	52
BB30483	201	202	820	< 1	0.01	15	990	2	0.04	2	6	29	0.01	< 10	< 10	57	< 10	60
BB30484	201	202	610	1	0.01	21	1070	4	0.01	< 2	4	22	0.03	< 10	< 10	49	< 10	46
BB30485	201	202	660	< 1	0.01	19	890	< 2	0.02	< 2	4	26	0.04	< 10	< 10	57	< 10	52
BB30486	201	202	880	1	0.01	17	980	2	0.03	2	4	21	0.03	< 10	< 10	58	< 10	54
BB30487	201	202	1550	1	0.01	22	1430	2	0.03	2	15	24	< 0.01	< 10	< 10	77	< 10	92
BB30488	201	202	1300	< 1	< 0.01	20	1340	2	0.02	6	8	14	0.01	< 10	< 10	61	< 10	56
BB30489	201	202	655	1	< 0.01	26	880	2	0.01	2	4	18	0.03	< 10	< 10	51	< 10	52
BB30490	201	202	715	< 1	0.01	18	790	< 2	0.01	< 2	4	21	0.03	< 10	< 10	65	< 10	50
BB30491	201	202	745	< 1	0.01	16	1050	< 2	0.01	< 2	4	30	0.03	< 10	< 10	52	< 10	46
BB30492	201	202	750	< 1	0.01	18	970	< 2	0.01	< 2	5	26	0.03	< 10	< 10	50	< 10	52
BB30493	201	202	1435	< 1	< 0.01	17	940	2	0.04	8	8	26	< 0.01	< 10	< 10	45	< 10	60
BB30494	201	202	1055	1	0.01	17	720	12	0.01	2	5	28	0.01	< 10	< 10	50	< 10	54
BB30495	201	202	1015	1	< 0.01	19	970	2	0.02	2	5	27	0.02	< 10	< 10	62	< 10	56
BB30496	201	202	665	< 1	< 0.01	18	840	< 2	0.03	2	4	18	0.01	< 10	< 10	46	< 10	40
BB30497	201	202	580	< 1	< 0.01	13	940	2	0.05	< 2	3	27	0.01	< 10	< 10	50	< 10	42
BB30498	201	202	580	< 1	0.01	19	810	2	0.02	< 2	4	24	0.03	< 10	< 10	51	< 10	44
BB30499	201	202	1015	< 1	< 0.01	21	1570	2	0.02	6	8	23	0.01	< 10	< 10	68	< 10	74

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Page Number : 1-A
Total Pages : 1
Certificate Date: 23-AUG-1999
Invoice No. : I9925735
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS A9925735

SAMPLE	PREP CODE		Au ppb FA+AA	Au FA g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
AA0618	205	226	< 5	-----	< 0.2	1.56	66	< 10	110	< 0.5	< 2	1.43	< 0.5	7	104	13	2.74	< 10	< 1	0.25	< 10
AA0619	205	226	80	-----	2.4	1.06	1385	< 10	220	0.5	< 2	0.25	< 0.5	25	77	15	6.00	< 10	< 1	0.41	10
AA0620	205	226	215	-----	12.6	0.56	628	< 10	180	< 0.5	< 2	0.08	< 0.5	5	180	9	2.12	< 10	< 1	0.22	< 10
AA0621	205	226	40	-----	0.8	1.69	190	< 10	160	< 0.5	< 2	0.57	< 0.5	11	90	16	3.05	< 10	< 1	0.22	< 10
AA0622	205	226	< 5	-----	< 0.2	1.25	58	< 10	250	0.5	< 2	2.23	< 0.5	10	84	6	2.76	< 10	< 1	0.20	10
AA0623	205	226	100	-----	1.0	1.25	730	< 10	90	1.5	< 2	2.88	< 0.5	9	40	3	2.60	< 10	< 1	0.29	10
AA0624	205	226	< 5	-----	< 0.2	0.99	6	< 10	190	< 0.5	< 2	0.28	< 0.5	< 1	47	1	0.79	< 10	< 1	0.20	30
AA0625	205	226	165	-----	45.2	1.13	764	< 10	430	1.0	< 2	0.42	< 0.5	12	57	24	4.11	< 10	< 1	0.42	10
AA0626	205	226	235	-----	5.2	0.59	1015	< 10	110	< 0.5	< 2	2.45	< 0.5	6	124	20	2.43	< 10	< 1	0.26	< 10
AA0627	205	226	< 5	-----	< 0.2	1.29	48	< 10	110	0.5	< 2	2.15	< 0.5	6	36	4	1.98	< 10	< 1	0.23	20
AA0628	205	226	50	-----	1.8	1.25	650	< 10	350	0.5	< 2	0.23	< 0.5	75	48	43	>15.00	< 10	< 1	0.11	< 10
N112458	205	226	1195	-----	2.8	0.21	2730	< 10	200	< 0.5	< 2	8.92	< 0.5	3	21	6	4.04	< 10	< 1	0.13	< 10
N112459	205	226	3120	-----	1.4	0.34	3030	< 10	90	< 0.5	< 2	0.11	< 0.5	2	183	10	1.14	< 10	< 1	0.17	< 10
N112460	205	226	80	-----	0.2	0.68	38	< 10	190	0.5	2	7.90	2.0	5	29	9	3.45	< 10	< 1	0.24	< 10
N112461	205	226	185	-----	4.6	0.45	1020	< 10	110	< 0.5	< 2	4.56	< 0.5	16	74	37	3.37	< 10	< 1	0.23	< 10
N112462	205	226	1815	-----	4.6	0.11	2470	< 10	410	< 0.5	< 2	6.63	0.5	< 1	93	15	1.87	< 10	< 1	0.02	< 10
N112463	205	226	160	-----	4.8	0.27	684	< 10	100	< 0.5	< 2	2.46	< 0.5	7	167	53	2.66	< 10	< 1	0.11	< 10
N112464	205	226	< 5	-----	< 0.2	0.54	24	< 10	90	< 0.5	< 2	7.05	< 0.5	12	49	6	3.68	< 10	< 1	0.06	< 10
N112465	205	226	45	-----	2.2	0.68	312	< 10	40	< 0.5	< 2	0.12	< 0.5	6	136	12	2.69	< 10	< 1	0.40	< 10
N112466	205	226	< 5	-----	< 0.2	1.97	< 2	< 10	40	< 0.5	< 2	6.76	< 0.5	43	80	9	9.24	< 10	< 1	0.01	< 10
N112467	205	226	< 5	-----	< 0.2	2.66	308	< 10	50	< 0.5	< 2	7.74	< 0.5	37	97	8	8.03	< 10	< 1	0.08	< 10
N112468	205	226	< 5	-----	< 0.2	1.28	2	< 10	40	< 0.5	< 2	11.05	< 0.5	31	9	7	7.28	< 10	< 1	0.09	< 10
N112469	205	226	< 5	-----	< 0.2	0.12	< 2	< 10	20	< 0.5	< 2	>15.00	< 0.5	6	1	< 1	3.73	< 10	< 1	< 0.01	< 10
N112470	205	226	5	-----	< 0.2	0.52	2	< 10	20	< 0.5	< 2	12.50	< 0.5	25	5	4	4.52	< 10	< 1	0.04	< 10
N112471	205	226	10	-----	0.2	0.25	28	< 10	90	< 0.5	< 2	6.25	< 0.5	9	52	36	2.57	< 10	< 1	0.12	< 10
N112472	205	226	5	-----	0.6	0.10	6	< 10	< 10	< 0.5	< 2	0.16	< 0.5	60	31	23	>15.00	< 10	< 1	0.01	< 10
N112473	205	226	< 5	-----	< 0.2	0.03	22	< 10	30	< 0.5	< 2	>15.00	< 0.5	< 1	13	< 1	2.64	< 10	< 1	< 0.01	< 10
N112474	205	226	7430	-----	97.4	0.23	>10000	< 10	80	< 0.5	< 2	0.14	< 0.5	2	139	16	2.47	< 10	< 1	0.12	< 10
N112475	205	226	360	-----	69.6	0.29	930	< 10	250	< 0.5	< 2	5.51	< 0.5	4	52	8	2.21	< 10	< 1	0.15	< 10
N112476	205	226	4700	-----	2.4	0.03	4780	< 10	40	< 0.5	< 2	8.10	< 0.5	< 1	37	12	1.36	< 10	< 1	0.01	< 10
N112477	205	226	>10000	35.92	32.4	0.06	>10000	< 10	80	< 0.5	< 2	0.34	< 0.5	1	99	46	2.89	< 10	< 1	0.03	< 10
N112478	205	226	495	-----	1.8	0.32	4530	< 10	60	< 0.5	< 2	2.43	< 0.5	7	41	5	2.89	< 10	< 1	0.11	< 10
N112479	205	226	100	-----	0.4	0.17	786	< 10	90	< 0.5	< 2	6.14	< 0.5	6	43	4	3.53	< 10	< 1	0.10	< 10
T13194	205	226	1835	-----	42.2	0.16	3690	< 10	80	< 0.5	< 2	0.09	< 0.5	3	151	34	1.80	< 10	< 1	0.10	< 10
T13195	205	226	395	-----	5.2	0.34	1065	< 10	230	< 0.5	< 2	0.11	< 0.5	3	253	9	1.53	< 10	< 1	0.15	< 10
T13196	205	226	270	-----	1.4	0.37	644	< 10	130	< 0.5	< 2	0.06	< 0.5	5	72	4	1.85	< 10	< 1	0.19	< 10
T13197	205	226	155	-----	0.8	0.56	134	< 10	590	< 0.5	< 2	0.98	< 0.5	8	58	4	1.00	< 10	< 1	0.16	20
T13198	205	226	6720	-----	12.6	0.23	>10000	< 10	50	< 0.5	< 2	0.09	< 0.5	3	126	14	3.15	< 10	< 1	0.11	< 10
T13199	205	226	255	-----	28.4	0.33	746	< 10	80	< 0.5	< 2	0.04	< 0.5	3	87	37	1.58	< 10	< 1	0.16	< 10
T13200	205	226	35	-----	0.2	0.29	158	< 10	50	< 0.5	< 2	3.29	< 0.5	2	59	1	1.29	< 10	< 1	0.05	< 10

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Project : ROSY
Comments:

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Total Pages : 1
Certificate Date: 23-AUG-1999
Invoice No. : I9925735
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS A9925735

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
AA0618	205	226	0.32	395	< 1	0.04	10	890	6	0.03	2	7	31	< 0.01	< 10	< 10	65	< 10	46
AA0619	205	226	0.09	1370	1	0.03	24	920	8	0.40	6	3	74	< 0.01	< 10	10	19	< 10	114
AA0620	205	226	0.05	130	1	< 0.01	6	160	12	0.15	6	< 1	31	< 0.01	< 10	< 10	19	< 10	40
AA0621	205	226	0.45	555	< 1	0.02	13	950	6	0.05	6	8	45	0.02	< 10	< 10	74	< 10	52
AA0622	205	226	0.81	715	1	0.03	11	850	< 2	0.50	< 2	9	90	< 0.01	< 10	< 10	57	< 10	44
AA0623	205	226	0.83	710	3	< 0.01	8	430	10	1.23	4	3	397	< 0.01	< 10	< 10	7	< 10	34
AA0624	205	226	0.22	240	1	0.07	1	50	10	< 0.01	< 2	1	56	< 0.01	< 10	< 10	1	< 10	26
AA0625	205	226	0.17	490	3	0.06	14	680	20	0.44	8	4	176	< 0.01	< 10	< 10	17	< 10	82
AA0626	205	226	0.12	805	2	< 0.01	7	350	8	1.21	8	1	45	< 0.01	< 10	< 10	11	< 10	34
AA0627	205	226	0.60	750	3	0.02	6	390	6	0.22	< 2	2	58	< 0.01	< 10	< 10	10	< 10	40
AA0628	205	226	0.62	1520	< 1	< 0.01	162	390	< 2	< 0.01	18	56	12	0.01	< 10	< 10	552	< 10	104
N112458	205	226	2.43	2260	< 1	< 0.01	4	180	2	0.77	56	1	203	< 0.01	< 10	< 10	8	< 10	42
N112459	205	226	0.04	130	1	< 0.01	5	180	16	0.12	10	< 1	12	< 0.01	< 10	< 10	10	< 10	14
N112460	205	226	1.75	4400	< 1	< 0.01	5	390	< 2	0.09	2	4	165	< 0.01	< 10	< 10	20	< 10	328
N112461	205	226	1.66	930	1	< 0.01	15	250	2	0.85	20	1	77	< 0.01	< 10	< 10	17	< 10	134
N112462	205	226	2.47	4980	1	< 0.01	< 1	40	82	0.19	44	< 1	135	< 0.01	< 10	< 10	6	< 10	98
N112463	205	226	0.79	900	1	< 0.01	8	190	< 2	0.64	18	1	32	< 0.01	< 10	< 10	16	< 10	78
N112464	205	226	1.84	1240	1	< 0.01	10	410	< 2	0.10	< 2	5	106	< 0.01	< 10	< 10	62	< 10	68
N112465	205	226	0.06	30	1	< 0.01	6	630	8	1.42	6	< 1	38	< 0.01	< 10	< 10	11	< 10	10
N112466	205	226	3.61	1285	1	< 0.01	71	100	< 2	0.07	< 2	46	185	< 0.01	< 10	< 10	510	< 10	68
N112467	205	226	4.15	1325	1	< 0.01	55	190	< 2	0.92	8	60	248	< 0.01	< 10	< 10	344	< 10	78
N112468	205	226	4.30	1020	< 1	< 0.01	40	90	< 2	0.01	6	39	255	< 0.01	< 10	< 10	397	< 10	66
N112469	205	226	5.92	730	< 1	< 0.01	7	40	< 2	0.01	4	1	486	< 0.01	< 10	< 10	66	< 10	36
N112470	205	226	5.07	740	< 1	< 0.01	39	120	< 2	< 0.01	2	20	394	< 0.01	< 10	< 10	168	< 10	52
N112471	205	226	2.48	790	< 1	< 0.01	6	210	< 2	0.18	8	1	101	< 0.01	< 10	< 10	19	< 10	62
N112472	205	226	0.07	65	4	< 0.01	20	60	< 2	4.10	2	1	9	< 0.01	< 10	< 10	25	< 10	14
N112473	205	226	6.43	1530	< 1	< 0.01	< 1	40	< 2	0.01	2	< 1	766	< 0.01	< 10	< 10	3	< 10	30
N112474	205	226	0.06	45	4	< 0.01	3	80	20	1.48	204	< 1	12	< 0.01	< 10	< 10	7	< 10	16
N112475	205	226	1.72	500	1	< 0.01	5	150	4	0.47	8	< 1	144	< 0.01	< 10	< 10	13	< 10	32
N112476	205	226	3.64	3020	< 1	< 0.01	< 1	60	10	0.33	68	< 1	558	< 0.01	< 10	< 10	18	< 10	46
N112477	205	226	0.13	1005	1	< 0.01	5	30	20	1.32	392	< 1	11	< 0.01	< 10	< 10	3	< 10	30
N112478	205	226	0.69	735	< 1	< 0.01	8	430	4	1.49	42	1	39	< 0.01	< 10	< 10	10	< 10	50
N112479	205	226	1.79	1155	< 1	< 0.01	7	170	< 2	0.65	12	4	120	< 0.01	< 10	< 10	19	< 10	62
T13194	205	226	0.03	35	1	< 0.01	5	100	24	1.10	68	< 1	10	< 0.01	< 10	< 10	6	< 10	18
T13195	205	226	0.05	45	3	< 0.01	7	110	62	0.59	6	< 1	10	< 0.01	< 10	< 10	10	< 10	44
T13196	205	226	0.02	35	< 1	< 0.01	5	430	6	0.69	2	< 1	25	< 0.01	< 10	< 10	6	< 10	26
T13197	205	226	0.03	275	< 1	< 0.01	5	530	6	0.22	< 2	2	31	< 0.01	< 10	< 10	15	< 10	10
T13198	205	226	0.02	95	2	0.02	4	230	8	1.64	272	< 1	20	< 0.01	< 10	< 10	8	< 10	10
T13199	205	226	0.01	10	1	< 0.01	4	90	18	0.94	10	< 1	15	< 0.01	< 10	< 10	10	< 10	50
T13200	205	226	1.11	400	< 1	< 0.01	4	120	< 2	0.09	2	1	83	< 0.01	< 10	< 10	12	< 10	36

CERTIFICATION: David T.

APPENDIX III

ROCK SAMPLE DESCRIPTIONS

Rock Sample Descriptions

Project: ATAC Property: [illegible]

Sample Number										
AA0618	Grid North: N / UTM: N / Elevation: m	Grid East: E / UTM: E	Type: CHIP	Sample Width: 45cm	Dimension:	<5	<0.2	66	13
					Abundance:	2			

Comments: Hand pit C: 0-45S altered diorite adjacent to footwall of vein.

Sample Number										
AA0619	Grid North: N / UTM: N / Elevation: m	Grid East: E / UTM: E	Type: CHIP	Sample Width: 47cm	Dimension:	80	2.4	1246	15
					Abundance:	6			

Comments: Handpit C: 45-92S Clay rich gouge ranging from dark brown near diorite to light yellow-brown adjacent to quartz vein. Contains small fragments of altered diorite.

Sample Number										
AA0620	Grid North: N / UTM: N / Elevation: m	Grid East: E / UTM: E	Type: CHIP	Sample Width: 60cm	Dimension:	210	12.6	629	9
					Abundance:	6			

Comments: Hand pit C: 92-152S Oxidized quartz vein with ~2% pits rimmed with brown and yellow limonite. Quartz is glassy and contains occasional drusy cavities. Vein attitude 060°/60°SE

Sample Number										
AA0621	Grid North: N / UTM: N / Elevation: m	Grid East: E / UTM: E	Type: CHIP	Sample Width: 30cm	Dimension:	90	0.8	190	16
					Abundance:	6			

Comments: Hand pit C: 152-182S Weakly altered diorite with clay rich bands along fractures paralleling the vein. Fracture density decreases as distance from vein increases.

Sample Number										
AA0622	Grid North: N / UTM: N / Elevation: m	Grid East: E / UTM: E	Type: CHIP	Sample Width: 50cm	Dimension:	<5	<0.2	58	6
					Abundance:	<2			

Comments: Hand pit B1: 0-50W - Fresh diorite hangingwall

Sample Number										
AA0623	Grid North: N / UTM: N / Elevation: m	Grid East: E / UTM: E	Type: CHIP	Sample Width: 55cm	Dimension:	100	10	730	3
					Abundance:	4			

Comments: Hand pit B1: 50-105W - Multicoloured (buff, orange, green & tan) gouge around 8 cm white quartz vein

Sample Number: AA0624	Grid North:	N	Grid East:	E	Type: CHIP	Dimension:	<5	<0.2	6	1
	UTM:	N	UTM:	E	Sample Width: 50cm	Abundance:				
	Elevation:	m					<2			

Comments: Hand pit B1 : 105-155W - Fresh porphyry dyke

Sample Number: AA0625	Grid North:	N	Grid East:	E	Type: CHIP	Dimension:	165	45.2	764	24
	UTM:	N	UTM:	E	Sample Width: 120cm	Abundance:				
	Elevation:	m					8			

Comments: Hand pit B2: multicoloured gouge and broke wallrock on the west side of a porphyry dyke.

Sample Number: AA0626	Grid North:	N	Grid East:	E	Type: SPECIMEN	Dimension:	235	5.2	10 15	20
	UTM:	N	UTM:	E	Sample Width:	Abundance:				
	Elevation:	m					8			

Comments: Hand pit A: chips from several, pyrite and arsenopyrite bearing quartz vein fragments in a 40 cm thick horizon of yellow to dark brown soil overlying greenish-yellow soil derived from underlying porphyry dyke. Source of vein near diorite contact ~5 m to east under large talus boulders.

Sample Number: AA0627	Grid North:	N	Grid East:	E	Type: CHIP	Dimension:	<5	1.8	48	4
	UTM:	N	UTM:	E	Sample Width: 3m	Abundance:				
	Elevation:	m					<2			

Comments: Hand pit A: 0-3W Feldspar porphyry dyke

Sample Number: AA0628	Grid North:	N	Grid East:	E	Type: CHIP	Dimension:	50	2.8	650	43
	UTM:	N	UTM:	E	Sample Width: 90cm	Abundance:				
	Elevation:	m					18			

Comments: Hand pit D: 0-90S Red to orange-brown, highly fractured & carbonate altered hornblendite. Sample has solid hornblendite footwall and fractured but relatively unaltered hornblendite hangingwall. Structure at 035°/55°SE

Sample Number: N112458	Grid North:	N	Grid East:	E	Type: SPECIMEN	Dimension:	1195	1.4	2730	6
	UTM:	N	UTM:	E	Sample Width:	Abundance:				
	Elevation:	m					56			

Comments: Buff to orange brown weathering quartz-carbonate vein with orange to yellow limonite stained intense pitted patches containing ~4% pyrite and arsenopyrite.

Rock Sample Descriptions

Project: ATAC   Property: R[illegible]

Sample Number: N112459
Grid North: N Grid East: E Type: SPECIMEN Dimension: 8 x 5 x 3 cm
UTM: N UTM: E Sample Width: Abundance:
Elevation: m

3120	1.4	3030	10
10			

Comments: Weakly rusty orange, 1.4cm wide antitaxial quartz vein in light orange-brown, oxidized diorite. Quartz is clear, glassy crystals forming cock's comb structures. ~0.5% silver-grey tabular mineral as intergrowns in quartz especially near the selvage.

Sample Number: N112460
Grid North: N Grid East: E Type: SPECIMEN Dimension:
UTM: N UTM: E Sample Width: Abundance:
Elevation: m

80	0.2	38	9
2			

Comments: Dark grey quartz matrix supports clay altered wallrock fragments up to 3x3x1 cm. No visible sulphides. Late calcite fills cavities in the quartz up to 1 cm in diameter

Sample Number: N112461
Grid North: N Grid East: E Type: SPECIMEN Dimension:
UTM: N UTM: E Sample Width: Abundance:
Elevation: m

185	4.6	1020	37
20			

Comments: Buff to orange weathering quartz-carbonate vein consisting of light grey quartz with ~2% disseminated pyrite plus minor arsenopyrite. Saussuritized wallrock fragments appear along the margins of the vein.

Sample Number: N112462
Grid North: N Grid East: E Type: Dimension:
UTM: N UTM: E Sample Width: Abundance:
Elevation: m

1615	4.6	2470	15
44			

Comments: Orange-brown weathering, white quartz vein with drusy cavities and clusters of prismatic arsenopyrite crystals along limonitic hairline fractures.

Sample Number: N112463
Grid North: N Grid East: E Type: SPECIMEN Dimension: 20cm diameter
UTM: N UTM: E Sample Width: Abundance:
Elevation: m

160	4.8	684	53
18			

Comments: Chips across orange-brown weathering quartz-carbonate vein float. Quartz is light grey-white and mottled pink to grey-green chalcedony with vugs lined with white to clear drusy crystals. ~2% fine to medium grained, disseminated pyrite cubes.

Sample Number: N112464
Grid North: N Grid East: E Type: SPECIMEN Dimension:
UTM: N UTM: E Sample Width: Abundance:
Elevation: m

<5	<0.2	24	6
<2			

Comments: Orange-brown weathering, moderately vuggy quartz-carbonate vein float. Quartz is light grey to clear and ranges from chalcedonic to crystalline. Traces of fine grained pyrite and very fine grained arsenopyrite(?) in grey areas.

Sample Number: N112465	Grid North:	N	Grid East:	E	Type: SPECIMEN	Dimension:	15	2.2	3.2	12
	UTM:	N	UTM:	E	Sample Width:	Abundance:				
	Elevation:	m					6			

Comments: Light tan to brown weathering, moderately pitted, altered diorite with yellow-green (saussaritized?) plagioclase with 3 to 5% fine to medium grained, disseminated pyrite cubes.

Sample Number: N112466	Grid North:	N	Grid East:	E	Type: SPECIMEN	Dimension:	<5	<0.2	<2	9
	UTM:	N	UTM:	E	Sample Width:	Abundance:				
	Elevation:	m					<2			

Comments: Dark grey-grey carbonate contains ~3% fine disseminated magnetite. The dark carbonate is cut by hairline to 1cm thick white calcite veinlets which weather recessively. Rock

Sample Number: N112467	Grid North:	N	Grid East:	E	Type: SPECIMEN	Dimension:	<5	<0.2	3.8	8
	UTM:	N	UTM:	E	Sample Width:	Abundance:				
	Elevation:	m					8			

Comments: Medium brown weathering, medium grey carbonate with narrow white calcite veinlets, coarse (up to 1cm diameter) magnetite crystals and fine disseminated pyrite.

Sample Number: N112468	Grid North:	N	Grid East:	E	Type: SPECIMEN	Dimension:	<5	<0.2	2	7
	UTM:	N	UTM:	E	Sample Width:	Abundance:				
	Elevation:	m					6			

Comments: Buff to brown weathering grey carbonate vein cut by hairline white calcite veinlets

Sample Number: N112469	Grid North:	N	Grid East:	E	Type: SPECIMEN	Dimension:	<5	<0.2	<2	41
	UTM:	N	UTM:	E	Sample Width:	Abundance:				
	Elevation:	m					4			

Comments: Buff weathering white carbonate with late vugs lined by drusy white calcite.

Sample Number: N112470	Grid North:	N	Grid East:	E	Type: SPECIMEN	Dimension:	5	02	2	4
	UTM:	N	UTM:	E	Sample Width:	Abundance:				
	Elevation:	m					2			

Comments: Buff weathering, fine grained pinkish grey carbonate surrounding green patches up to 0.5cm in diameter containing abundant disseminated black sulphide (?) minerals which are slightly prismatic and non magnetic.

Sample Number: N112471	**Grid North:**	N	**Grid East:**	E	**Type:** SPECIMEN	**Dimension:**	10	0.2	28	36
	UTM:	N	**UTM:**	E	**Sample Width:**	**Abundance:**				
	Elevation:	m					8			

Comments: Buff weathering, light grey quartz carbonate vein with small patches of disseminated, up to 1mm diameter, pyrite.

Sample Number: N112472	**Grid North:**	N	**Grid East:**	E	**Type:** SPECIMEN	**Dimension:**	5	0.6	6	23
	UTM:	N	**UTM:**	E	**Sample Width:**	**Abundance:** Rare				
	Elevation:	m					2			

Comments: Deep orange-brown to dark brown weathering, subrounded limonite/goethite boxwork after pyrite. One margin shows ~15% medium grained pyrite cubes in light green siliceous groundmass.

Sample Number: N112473	**Grid North:**	N	**Grid East:**	E	**Type:** SPECIMEN	**Dimension:**	25	<0.2	22	<1
	UTM:	N	**UTM:**	E	**Sample Width:**	**Abundance:**				
	Elevation:	m					2			

Comments: Tan weathering quartz-carbonate - no limonite or sulphides

Sample Number: N112474	**Grid North:**	N	**Grid East:**	E	**Type:** SPECIMEN	**Dimension:**	7420	97.4	>1000	16
	UTM:	N	**UTM:**	E	**Sample Width:**	**Abundance:**				
	Elevation:	m					204			

Comments: Weakly rusty orange-brown weathering quartz vein float. Strongly pitted to boxwork. Small cluster of grey-black, medium grained crystals in core. Drusy quartz fine occasional vugs.

Sample Number: N112475	**Grid North:**	N	**Grid East:**	E	**Type:** SPECIMEN	**Dimension:**	360	69.6	930	8
	UTM:	N	**UTM:**	E	**Sample Width:**	**Abundance:**				
	Elevation:	m					8			

Comments: Buff to orange weathering quartz-carbonate vein with white to light grey quartz-rich fragments cemented by tan recessive weathering carbonate. ~2% disseminated fine sulphides

Sample Number: N112476	**Grid North:**	N	**Grid East:**	E	**Type:**	**Dimension:**	4700	2.4	4780	12
	UTM:	N	**UTM:**	E	**Sample Width:**	**Abundance:**				
	Elevation:	m					68			

Comments: Tan to grey weathering brecciated quartz-carbonate vein with grey quartz rich fragments cemented by tan, recessive weathering carbonate. Approximate 5% extremely fine sulphide, in quartz rich fragments.

Sample Number: N112477	Grid North:	N	Grid East:	E	Type: SPECIMEN	Dimension:	35920	32.4	7[illegible]0	46
	UTM:	N	UTM:	E	Sample Width:	Abundance:				
	Elevation:	m					342			

Comments: Grey weathering, light to medium grey quartz vein with numerous small (< 1cm diameter) drusy vugs. Approximately 15% finely disseminated sulphides - mostly arsenopyrite plus pyrite.

Sample Number: N112478	Grid North:	N	Grid East:	E	Type: SPECIMEN	Dimension:	995	1.8	4550	5
	UTM:	N	UTM:	E	Sample Width:	Abundance:				
	Elevation:	m					42			

Comments: Medium brown weathering light grey quartz is cut by hairline veinlets of buff carbonate. The carbonate veinlets cut earlier sulphide-bearing veinlets and disseminations in the quartz. Sulphides total ~3% with mix of pyrite and arsenopyrite.

Sample Number: N112479	Grid North:	N	Grid East:	E	Type:	Dimension:	100	0.4	796	4
	UTM:	N	UTM:	E	Sample Width:	Abundance:				
	Elevation:	m					12			

Comments: Medium brown weathering, quartz-carbonate vein comprising up to 1cm diameter light grey quartz fragments cemented by buff carbonate showing small drusy cavities. Carbonate contains ~1% fine pyrite grains while quartz exhibits pockets of arsenopyrite mixed with pyrite.

Sample Number: TB194	Grid North:	N	Grid East:	E	Type: Specimen	Dimension:	1835	42.5	3610	31
	UTM:	N	UTM:	E	Sample Width:	Abundance:				
	Elevation:	m					68			

Comments: Rusty quartz vein float with ~3% fine disseminated sulphides. Collected from coarse talus about 15m NW of TB195.

Sample Number: TB195	Grid North:	N	Grid East:	E	Type: Specimen	Dimension:	315	5.2	1065	9
	UTM:	N	UTM:	E	Sample Width:	Abundance:				
	Elevation:	m					6			

Comments: Slightly rounded, rusty weathering quartz vein float with ~3% disseminated, fine grained pyrite. From 8m wide talus filled linear.

Sample Number: TB196	Grid North:	N	Grid East:	E	Type:	Dimension:	210	1.4	644	4
	UTM:	N	UTM:	E	Sample Width:	Abundance:				
	Elevation:	m					2			

Comments: Quartz-carbonate vein fragment from ~20m wide gully where 1990 sample 34850 was collected.

Sample Number: T13197	Grid North:	N	Grid East:	E	Type: SPECIMEN	Dimension:	155	0.8	134	4
	UTM:	N	UTM:	E	Sample Width:	Abundance:				
	Elevation:	m					<2			

Comments: Chips of quartz-carbonate vein taken from the floor of a 20m wide gully, from which 1994 sample 346554 was collected.

Sample Number: T13198	Grid North:	N	Grid East:	E	Type: SPECIMEN	Dimension:	6720	12.6	>10000	14
	UTM:	N	UTM:	E	Sample Width:	Abundance:				
	Elevation:	m					272			

Comments: Quartz-carbonate vein fragment with fine disseminated sulphides. Collected from ~1m wide fault splaying off the gully where T13196 & T13197 were taken. This structure trends east while the main structure trends northerly.

Sample Number: T13199	Grid North:	N	Grid East:	E	Type: SPECIMEN	Dimension:	255	38.4	746	37
	UTM:	N	UTM:	E	Sample Width:	Abundance:				
	Elevation:	m					10			

Comments: Quartz vein with ~3% disseminated pyrite and 1% arsenopyrite. Quartz is pale to medium grey. Taken ~20m east of Handpit E.

Sample Number: T13200	Grid North:	N	Grid East:	E	Type: SPECIMEN	Dimension:	35	0.2	158	1
	UTM:	N	UTM:	E	Sample Width:	Abundance:				
	Elevation:	m					2			

Comments: Chalcedonic quartz vein fragments in soil on the west side of structure ~10m west of Handpit B2

Sample Number: T17427	Grid North:	N	Grid East:	E	Type: Specimen	Dimension: 20x15x10cm	<5	0.2	2	14
	UTM:	N	UTM:	E	Sample Width:	Abundance: Common				
	Elevation:	m					2			

Comments: White quartz vein fragment collected from coarse granite talus. Yellow-brown limonite on fracture and in small pits after sulphides: ~0.5% in limonite casts, 2% pits with yellow-green rims & 2% limonite on hairline fractures.

Sample Number: T17428	Grid North:	N	Grid East:	E	Type: Specimen	Dimension:	<5	<0.2	<2	5
	UTM:	N	UTM:	E	Sample Width:	Abundance: Rare				
	Elevation:	m					<2			

Comments: Greenish grey "cherty" quartz float in glacial till derived from cirque to SE. No sulphides but rare yellow-green rimmed pits. Tension gashes (?) common with dark brown limonite coatings.

Rock Sample Descriptions Project: ATAC Property: [redacted] Page 8 of 8

Sample Number: T17429	Grid North: N	Grid East: E	Type: Specimen	Dimension:	<5	<0.2	<2	288
	UTM: N	UTM: E	Sample Width:	Abundance: Common				
	Elevation: m				<2			

Comments: Banded storm float: dark bands are hornblende-feldspar-epidote white light bands are epidote-feldspar or diopside-garnet. Dark bands contain traces of disseminated chalcopyrite.

Sample Number: T17431	Grid North: N	Grid East: E	Type: Specimen	Dimension:	<5	<0.2	<2	12
	UTM: N	UTM: E	Sample Width:	Abundance: Very Common				
	Elevation: m				2			

Comments: Typical quartz-carbonate vein found throughout talus. No sulphides or limonite.

Sample Number: T22011	Grid North: N	Grid East: E	Type: Specimen	Dimension:	20	<0.2	68	102
	UTM: N	UTM: E	Sample Width:	Abundance:				
	Elevation: m				8			

Comments: Granular quartz with interstitial limonite and minor fine grained sulphides. From same structure as soil sample T22010.

Sample Number: T22012	Grid North: N	Grid East: E	Type: Specimen	Dimension:	145	2.2	318	46
	UTM: N	UTM: E	Sample Width:	Abundance:				
	Elevation: m				10			

Comments: Tan carbonate vein float with abundant vugs, some with late calcite. Traces of very fine sulphides that are weathered black. ~12m S of soil sample 30488.

Sample Number: T22013	Grid North: N	Grid East: E	Type: Specimen	Dimension:	840	2.8	1480	22
	UTM: N	UTM: E	Sample Width:	Abundance:				
	Elevation: m				22			

Comments: Ribbed, grey weathering quartz-carbonate vein float with about 5% fine grained disseminated arsenopyrite collected ~3m downhill from sample N112477. Looks very different from that sample but both are distinguished from "normal" quartz-carbonate by the abundance of sulphides.

Sample Number: T22014	Grid North: N	Grid East: E	Type: Specimen	Dimension:	3310	39.6	8080	11
	UTM: N	UTM: E	Sample Width:	Abundance:				
	Elevation: m				102			

Comments: Rusty weathering "typical" quartz-carbonate vein except that it contains about 3% disseminated sulphides. Collected about 7m downhill to the NE of N112477. Again looks very different from that sample except for the elevated sulphide content.

ARCHER, CATHRO
& ASSOCIATES (1981) LIMITED
CONSULTING GEOLOGICAL ENGINEERS

BOX 4127, 2054 SECOND AVENUE, WHITEHORSE, Y.T. Y1A 3S9 TEL (403) 667 - 4415

094109

AFFIDAVIT

I, Joan Mariacher, of WHITEHORSE, YUKON make oath and

That to the best of my knowledge the attached Statement of Expenditures for exploration work on the ROSY 1-30 mineral claims on Claim Sheet 105C/13 is accurate.

Joan Mariacher

Sworn before me at VANCOUVER, B.C.

this 6TH day of

DECEMBER, 1999

Notary, Yukon Territory

1016 - 510 WEST HASTINGS STREET, VANCOUVER, B.C. V6B 1L8 TEL (604) 688 - 2568 • FAX (604) 688 - 2578

Statement of Expenditures
Rosy 1-30 Mineral Claims
December 3, 1999

Labour

D. Eaton - geologist - July 31 - 8 hours, August - 34 hours, September -9 hours, October – 21 hours, November – 4 hours - total 76 hours at $56/hour	$ 4,553.92
B. Gay - geologist - July 31, August 1-4, September 20 - 5 ½ days at $247.50/day	1,456.54
J. Mariacher – September and October – 12 3/4 hours at $46.67/hr	636.70
	6,647.16

Expenses

Field room and board - 11 7/8 days at $115/day	1,461.22
Trans North Bell 206B - 4.5 hours at $700/hr plus fuel	3,780.35
Norcan - truck rental	331.36
Chemex Labs	3,525.05
Drafting – October and November	2,388.24
	11,486.22
	$18,133.38

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

In Account With

Project ATAC - FIELD ACCOUNT

Date AUGUST 31, 1999

LABOUR				
Field	A. ARCHER - 3 HRS AT 66/HR	ROSY	198.00	
	D. EATON - 34 HRS AT 56/HR	ROSY	1904.00	
	B. GAY - 4 DAYS AT 247.50/DAY	ROSY	990.00	
Office	M. COOKE - 2 HRS AT 36.70/HR		73.40	
Accounting and Expediting	A. GELLING - 1 HR AT 46/HR	ROSY	46.00	
	J. MARIACHER - 12¼ HRS AT 46.67/HR	ROSY - 385.03	571.71	3783.11
OTHER SERVICES				
Room & Board in Whitehorse	2 DAYS AT 60/DAY	ROSY	120.00	
Field equipment from AC stock	PER DIEM	ROSY	120.00	
Printing	Photocopies 9 AT .25		2.25	
Rentals from AC	AUGUST 1-4 - 3B X 11 AT 10/DAY + 2 ICOM'S AT 33/DAY EACH		66.68	
Drafting	2½ hrs at $36 /hr.	ROSY	90.00	398.93
EXPENSES				
Petty Cash				
Telephone				
HOLBEX'S PHOTO		ROSY	13.68	
NORCAN LEASING		ROSY	309.68	
PNT TRANSPORTATION		ROSY	28.00	351.36
MANAGEMENT	6% - ON EXPENSES	ROSY	21.08	
	- ON FIELD A/C	ROSY	369.80	390.88
				4924.28
GST (R100247667)	7% ON 4924.28			344.70
				5268.98

E=GST exempt

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

In Account With

Project ATAC - FIELD ACCOUNT

Date SEPTEMBER 30, 1999

LABOUR				
Field	A. ARCHER - 6 HRS AT 66/HR		396.00	
	D. EATON - 13 HRS AT 56/HR	ROSY	728.00	
	B. GAY - 1 DAY AT 247.50/DAY	ROSY	247.50	
Office				
Accounting and Expediting	J. MARIACHER - 7½ HRS AT 46.67/HR ROSY - 210.01		350.03	1721.53
OTHER SERVICES				
Room & Board in Whitehorse	3 DAYS AT 60/DAY	ROSY	180.00	
Field equipment from AC stock		ROSY	61.65	
Printing	Photocopies 38 @ .25		9.50	
Rentals from AC				
Drafting	2 hrs at $ 36 /hr.	ROSY	72.00	
LOOMIS COURIER -	2 AT 13.50 EA		27.00	350.15
EXPENSES				
Petty Cash	18.69 DY	ROSY	18.69	
Telephone	0.90		0.90	
BUILDERS SUPPLY LAND		ROSY	87.60	
NORCAN LEASING		ROSY	53.33	
CORPORATE COURIER			2.00	162.52
MANAGEMENT	6% - ON EXPENSES		9.25	
	- ON FIELD A/C	ROSY	161.96	171.21
				2405.91
GST (R100247667)	7% ON 2405.91			168.41
				2574.32

E=GST exempt

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

In Account With

Project ATAC- FIELD ACCOUNT

Date OCTOBER 31, 1999

LABOUR				
Field	A. ARCHER - 1 HR AT 66/HR		66.00	
	D. EATON - 21 HRS AT 56/HR	ROSY	1176.00	
	T. BECKER - 1 HR AT 43/HR	ROSY	43.00	
Office	M. Cooke - 11 HRS AT 36.70/HR		403.70	
Accounting and Expediting	J. Mariacher - 11 7/4 AT 46.67/HR	ROSY - 385.03	536.70	2225.40
OTHER SERVICES				
Room & Board in Whitehorse	days at $60/day			
Field equipment from AC stock				
Printing	Photocopies @ .25 137		34.25	
Rentals from AC				
Drafting	49 hrs at $36/hr	ROSY	1764.00	1798.25
EXPENSES				
Petty Cash				
Telephone				
REC GEN - CLAIM MAP		ROSY	1.00	
PNT TRANSPORTATION		ROSY	26.05	27.05
MANAGEMENT	6% on EXPENSES		1.62	
	on FIELD A/C		0	1.62
				4052.32
GST (R100247667) 7% on 4052.32				283.66
				4335.98

E=GST exempt

Chemex Labs Ltd.

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

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
BOX 4127, 2054 SECOND AVE.
WHITEHORSE, YT
Y1A 3S9

INVOICE NUMBER I9925735

BILLING INFORMATION

Date: 24-AUG-1999
Project: ROSY
P.O. No.:
Account: RCM

Comments:

Billing: For analysis performed on Certificate A9925735

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

Please Remit Payments to:

CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J 2C1

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
39	205 - Geochem ring to approx 150 mesh	2.60		
	ICP-32	7.40		
	0-3 Kg crush and split	2.60		
	983 - Au ppb FA+AA	10.25	22.85	891.15
1	205 - Geochem ring to approx 150 mesh	2.60		
	ICP-32	7.40		
	0-3 Kg crush and split	2.60		
	983 - Au ppb FA+AA	10.25		
	997 - Au FA g/t	12.30	35.15	35.15

Total Cost $	926.30
Client Discount (25%) $	-231.58
Net Cost $	694.72
(Reg# R100938885) GST $	48.63
TOTAL PAYABLE (CDN) $	743.35

Chemex Labs Ltd.

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

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
BOX 4127, 2054 SECOND AVE.
WHITEHORSE, YT
Y1A 3S9

INVOICE NUMBER I9925736

BILLING INFORMATION

Date: 24-AUG-1999
Project: ROSY
P.O. No.:
Account: RCM

Comments:

Billing: For analysis performed on
Certificate A9925736

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

Please Remit Payments to:

CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J 2C1

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
118	201 - Dry, sieve to -80 mesh	1.35		
	202 - save reject	0.90		
	ICP-32	7.40		
	983 - Au ppb FA+AA	10.25	19.90	2348.20

	Total Cost $	2348.20
Client Discount (25%)	$	-587.05
Net Cost	$	1761.15
(Reg# R100938885) GST	$	123.28
TOTAL PAYABLE (CDN)	**$**	**1884.43**

Chemex Labs Ltd.

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

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
BOX 4127, 2054 SECOND AVE.
WHITEHORSE, YT
Y1A 3S9

INVOICE NUMBER I9929586

BILLING INFORMATION

Date: 29-SEP-1999
Project: ROSY
P.O. No.:
Account: RCM

Comments:

Billing: For analysis performed on
Certificate A9929586

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

Please Remit Payments to:

CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J 2C1

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION		UNIT PRICE	SAMPLE PRICE	AMOUNT
47	201 - Dry, sieve to -80 mesh		1.35		
	202 - save reject		0.90		
	ICP-32		7.40		
	866 - fusion	wt. gm	0.00		
	983 - Au ppb	FA+AA	10.25	19.90	935.30

Total Cost $	935.30
Client Discount (25%) $	-233.83
Net Cost $	701.47
(Reg# R100938885) GST $	49.10
TOTAL PAYABLE (CDN) $	**750.57**

Chemex Labs Ltd.

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

To: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
BOX 4127, 2054 SECOND AVE.
WHITEHORSE, YT
Y1A 3S9

INVOICE NUMBER I 9 9 2 9 5 8 7

BILLING INFORMATION

Date: 29-SEP-1999
Project: ROSY
P.O. No.:
Account: RCM

Comments:

Billing: For analysis performed on
Certificate A9929587

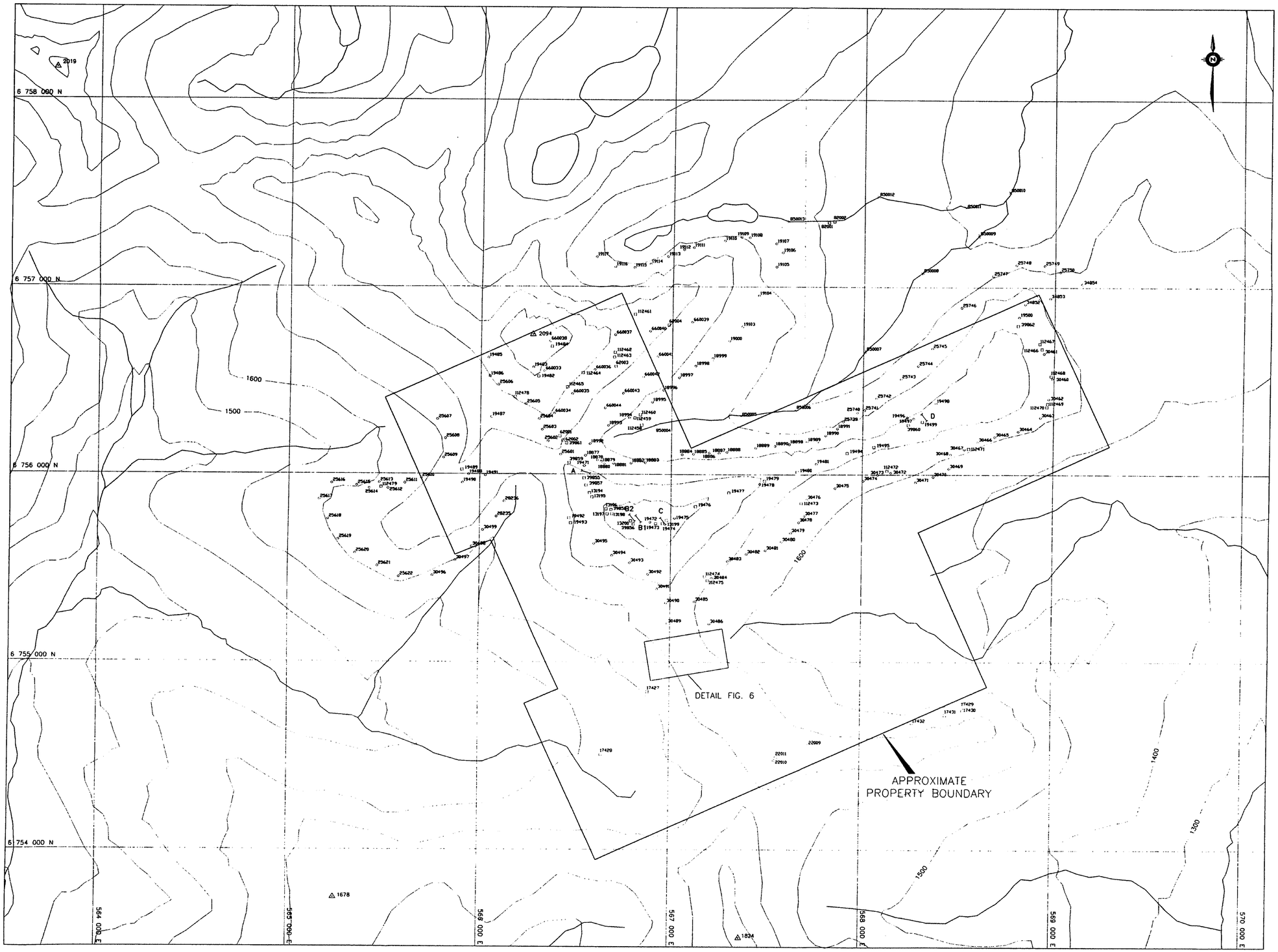
Terms: Payment due on receipt of invoice
1.25% per month (15% per annum)
charged on overdue accounts

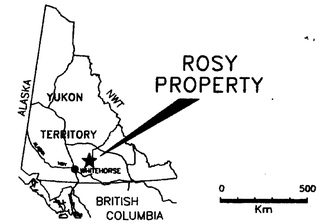
Please Remit Payments to:

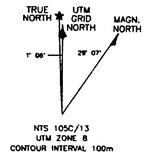
CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J 2C1

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
8	205 - Geochem ring to approx 150 mesh	2.60		
	ICP-32	7.40		
	0-3 Kg crush and split	2.60		
	983 - Au ppb FA+AA	10.25	22.85	182.80

Total Cost $	182.80
Client Discount (25%) $	-45.70
Net Cost $	137.10
(Reg# R100938885) GST $	9.60
TOTAL PAYABLE (CDN) $	**146.70**







NTS 105C/13
UTM ZONE 8
CONTOUR INTERVAL 100m

Trench	Sample Number	Type	from (m)	to (m)	Width (cm)
A	AA 0626	specimen			
A	AA 0627	chip	0	3.0W	300
B1	AA 0622	chip	0	0.5W	50
B1	AA 0623	channel	0.5W	1.0W	50
B1	AA 0624	channel	1.0W	1.5W	50
B2	AA 0625	channel	0	1.2W	120
C	AA 0618	chip	0	0.45S	45
C	AA 0619	channel	0.45S	0.92S	47
C	AA 0620	channel	0.92S	1.52S	60
C	AA 0622	chip	1.52S	1.82S	30
D	AA 0628	channel	1.1S	2.0S	90

30468 Soil sample location
112471 Rock sample location
850007 Stream sediment sample location
D Hand trench location

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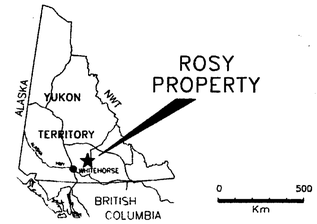
FIGURE 5
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

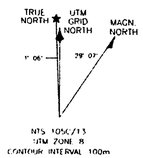
SAMPLE LOCATION

ROSY PROPERTY

SCALE 1:10,000
0 100 200 300 400 500m

DRAWN/REVISED BY: AG
PROJECT:
FILE: ...ATAC\ROSY\ACAD99\R010K-SL.DWG
DATE: NOVEMBER, 1999





Trench	Sample Number	Type	from (m)	to (m)	Width (cm)	Au (ppb)
A	AA 0626	specimen				235
A	AA 0627	chip	0	3.0W	300	–
B1	AA 0622	chip	0	0.5W	50	–
B1	AA 0623	channel	0.5W	1.0W	50	100
B1	AA 0624	channel	1.0W	1.5W	50	–
B2	AA 0625	channel	0	1.2W	120	165
C	AA 0618	chip	0	0.45S	45	–
C	AA 0619	channel	0.45S	0.92S	47	80
C	AA 0620	channel	0.92S	1.52S	60	215
C	AA 0621	chip	1.52S	1.82S	30	40
D	AA 0628	channel	1.1S	2.0S	90	50

- $\circ^{60}$ Soil sample location with Au value in ppb
- $\square^{1825}$ Rock sample location with Au value in ppb
- $\times^{30}$ Stream sediment sample location with Au value in ppb
- D Hand trench location

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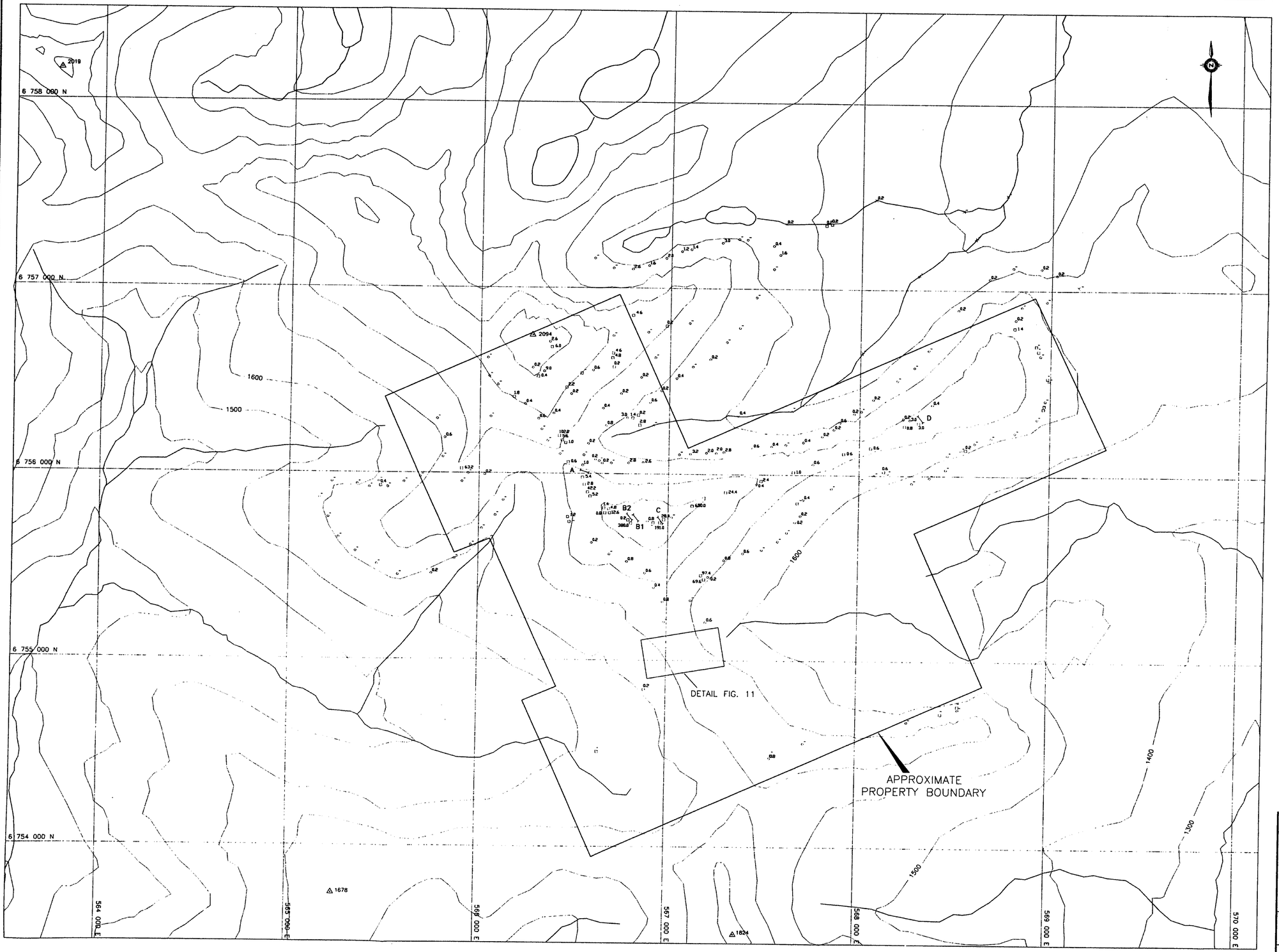
FIGURE 7
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

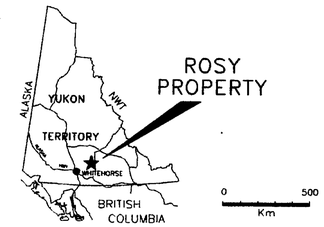
GOLD GEOCHEMISTRY

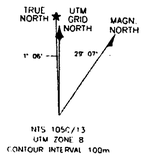
ROSY PROPERTY

SCALE 1:10,000
0 100 200 300 400 500m

DRAWN/REVISED BY: AC	PROJECT:
FILE: ...ATAC\ROSY\ACAD99\R010K-AU.DWG	DATE: NOVEMBER, 1999







NTS 105C/13
UTM ZONE 8
CONTOUR INTERVAL 100m

Trench	Sample Number	Type	from (m)	to (m)	Width (cm)	Ag (ppm)
A	AA 0626	specimen				5.2
A	AA 0627	chip	0	3.0W	300	–
B1	AA 0622	chip	0	0.5W	50	–
B1	AA 0623	channel	0.5W	1.0W	50	1.0
B1	AA 0624	channel	1.0W	1.5W	50	–
B2	AA 0625	channel	0	1.2W	120	45.2
C	AA 0618	chip	0	0.45S	45	–
C	AA 0619	channel	0.45S	0.92S	47	2.4
C	AA 0620	channel	0.92S	1.52S	60	12.6
C	AA 0621	chip	1.52S	1.82S	30	0.8
D	AA 0628	channel	1.1S	2.0S	90	1.8

- Soil sample location with Ag value in ppm
- Rock sample location with Ag value in ppm
- Stream sediment sample location with Ag value in ppm
- D Hand trench location

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FIGURE 8

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SILVER GEOCHEMISTRY

ROSY PROPERTY

SCALE 1:10,000

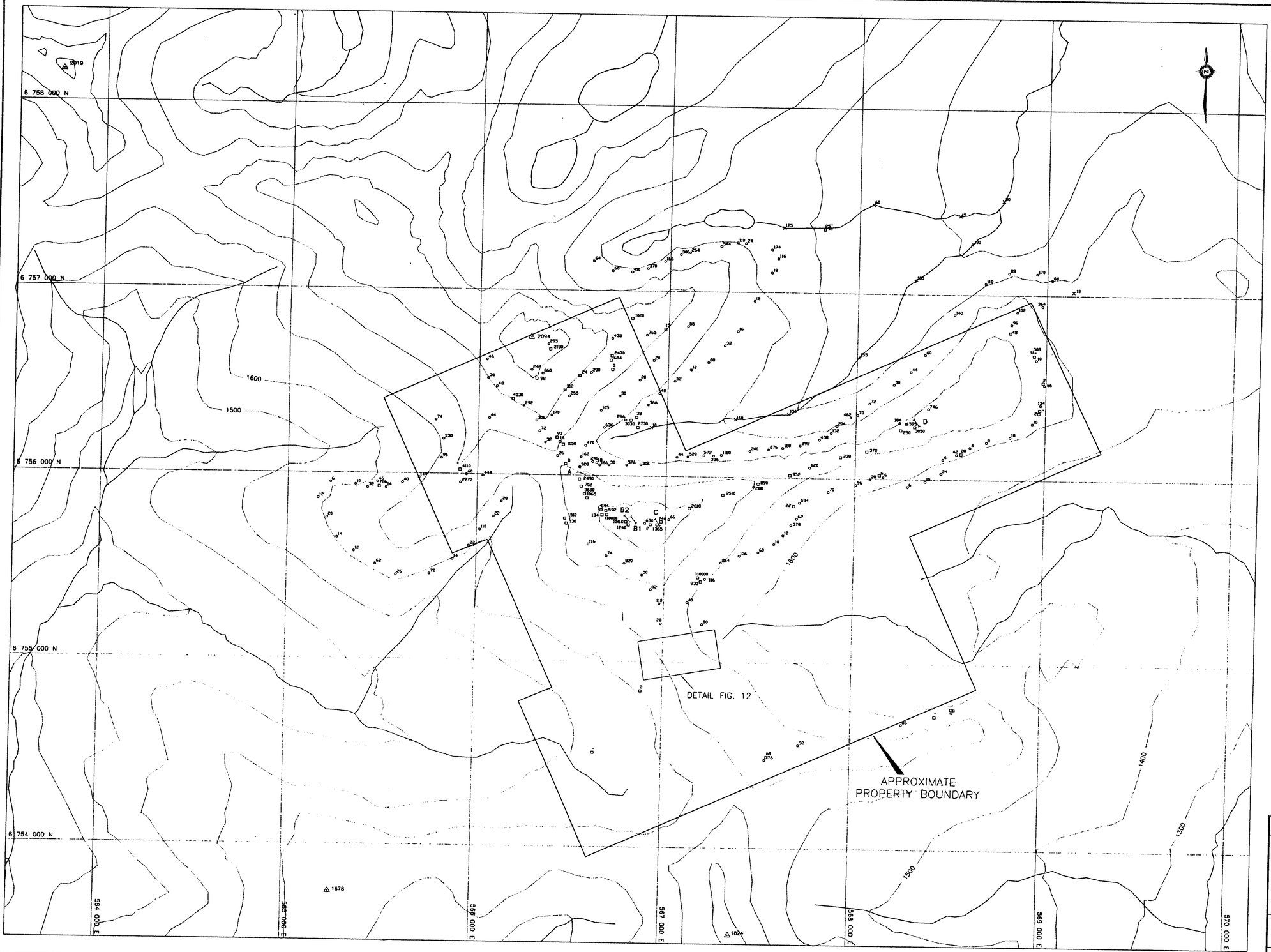
0 100 200 300 400 500m

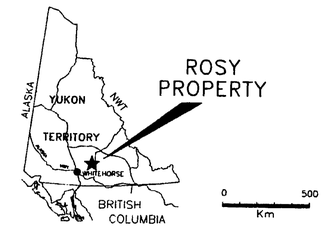
DRAWN/REVISED BY: AG

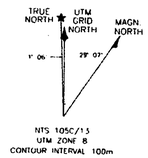
PROJECT:

FILE: ...ATAC\ROSY\ACAD99\R010K-AG.DWG

DATE: NOVEMBER, 1999







NTS 105C/13
UTM ZONE 8
CONTOUR INTERVAL 100m

Trench	Sample Number	Type	from (m)	to (m)	Width (cm)	As (ppm)
A	AA 0626	specimen				1015
A	AA 0627	chip	0	3.0W	300	48
B1	AA 0622	chip	0	0.5W	50	58
B1	AA 0623	channel	0.5W	1.0W	50	730
B1	AA 0624	channel	1.0W	1.5W	50	6
B2	AA 0625	channel	0	1.2W	120	764
C	AA 0618	chip	0	0.45S	45	66
C	AA 0619	channel	0.45S	0.92S	47	1385
C	AA 0620	channel	0.92S	1.52S	60	628
C	AA 0621	chip	1.52S	1.82S	30	190
D	AA 0628	channel	1.1S	2.0S	90	650

- ∘328 Soil sample location with As value in ppm
- □3030 Rock sample location with As value in ppm
- x18 Stream sediment sample location with As in ppm
- D Hand trench location

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FIGURE 9
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

ARSENIC GEOCHEMISTRY

ROSY PROPERTY

SCALE 1:10,000
0 100 200 300 400 500m

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FILE: ...ATAC\ROSY\ACAD99\RO10K-AS.DWG
PROJECT:
DATE: NOVEMBER, 1999