ARCHER, CATHRO
& ASSOCIATES (1981) LIMITED

CONSULTING GEOLOGICAL ENGINEERS

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REPORT ON

SOIL GEOCHEMISTRY AND HAND TRENCHING

on the

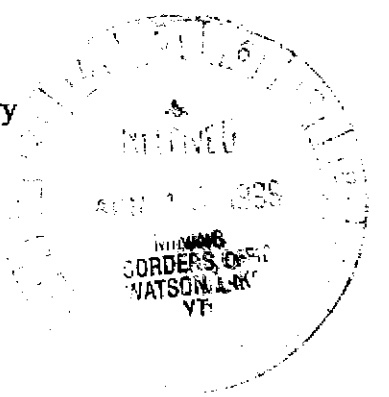
BURE PROPERTY

Bure-1-4 YB46321-YB46324
5-60 YB91023-YB91078

Centred at Latitude 62°44' North, Longitude 130°14' West
NTS 105J/9

in the

Watson Lake Mining District, Yukon Territory



Prepared by

Archer, Cathro & Associates (1981) Limited

for

EXPATRIATE RESOURCES LTD.

by

R.C. Carne, M.Sc., P.Geo.
April, 1999

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 59 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 24,400.

M.R.

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

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SUMMARY AND RECOMMENDATIONS

The Bure property consists of sixty claims located in the Selwyn Mountains, 60 km northwest of Howards Pass. The exploration target is zinc-nickel rich polymetallic massive sulphide mineralization similar to that found in Lower Devonian shales on the Nick property in central Yukon. The 1998 program of soil sampling and hand trenching was funded by the current property owner, Expatriate Resources Ltd.

Potential for sedimentary exhalative (sedex) Nick-type zinc-nickel mineralization is demonstrated by intense multi-element geochemical response within, or immediately adjacent to, the Bure property. Grid soil sampling returned coincident zinc, nickel, silver, arsenic, cadmium and copper anomalies. These appear to reflect a source horizon within the Lower to Middle Devonian Portrait Lake Formation. Unfortunately, this type of mineralization generally weathers recessively so that extensive detailed soil sampling with follow-up hand trenching will be required to adequately test the target.

The detailed 1998 soil and hand trenching also investigated an area of previously known highly anomalous lead geochemical response within the Portrait Lake Formation. A 1977 hand trench, largely cut along strike of underlying black shales, had uncovered oxidized lead and zinc mineralization but no obvious source was indicated. This area was trenched to a greater depth and extended across strike and uphill of the 1977 hand trench in 1998. Unfortunately, again because of deep weathering, no conclusive evidence for the source of the anomaly was obtained. There are a number of exposures of pyritic bedded barite in the immediate vicinity and it is possible that the anomalous area represents feeder zone mineralization for the sedex barite

deposits. No lead or zinc mineralization has yet been found in the barite although elevated zinc response is associated with barite outcrop exposures near the lead soil geochemical anomaly. This relatively restricted part of the property has a high potential for Macmillan Pass-type, barite-hosted zinc-lead sedex deposits and this potential should be rigorously evaluated with detailed mapping and continued hand trenching to determine targets for eventual testing by diamond drilling.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

R.C. Carne, M.Sc., P.Geo.

INTRODUCTION

The Bure property consists of sixty contiguous mineral claims that were staked by NDU Resources Ltd. to cover a known coincident zinc-nickel geochemical anomaly first explored in the 1970's. NDU merged with United Keno Hill Mines Limited in the spring of 1998. Expatriate Resources Ltd. explored the claims in the summer of 1998 under an option agreement with NDU which transferred to United Keno Hill (the merged company). Expatriate purchased a 100% interest in the property from United Keno Hill on October 5, 1998 along with other claims in the area that were explored as part of the NR Project.

The 1998 exploration program included hand trenching, grid soil sampling and silt sampling. The work was performed in two phases during July and August. Exploration was funded by Expatriate and managed by Archer, Cathro & Associates (1981) Limited and supervised by the author.

The Author's Statement of Qualifications is given in Appendix I while a list of personnel who worked on the project appears in Appendix II.

HISTORY

The Bure property was initially staked and explored in 1973 by Spartan Exploration Ltd. (working for Canex Placer Ltd.) to cover a stream sediment anomaly. During 1975 the Abacorn Syndicate was formed to further explore the area and their work included prospecting, soil sampling and the staking of 120 claims. In August 1976, Trident Resources Limited optioned the property from Abacorn. Riocanex Inc. in turn optioned the property from Trident in 1977. The Riocanex program included geological mapping at 1:5000 scale, grid soil sampling at 20 by 200 m spacing, hand trenching, chip sampling and reconnaissance scale stream sediment sampling.

PROPERTY, LOCATION AND ACCESS

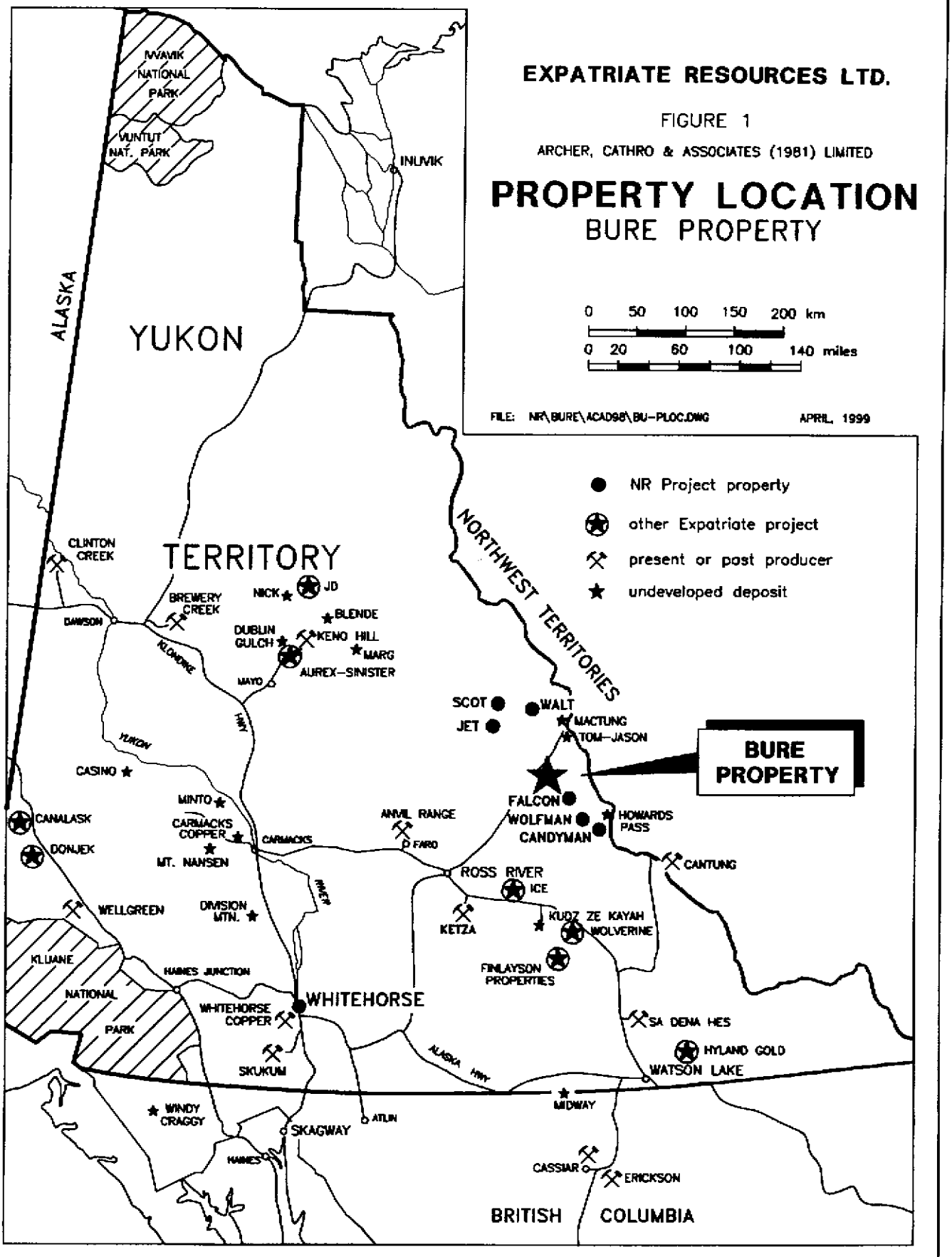
The Bure property is located in eastern Yukon approximately 160 km northeast of the community of Ross River on NTS map sheet 105J/9 and centred at latitude 62°44'N and longitude 130°14'W (Figure 1).

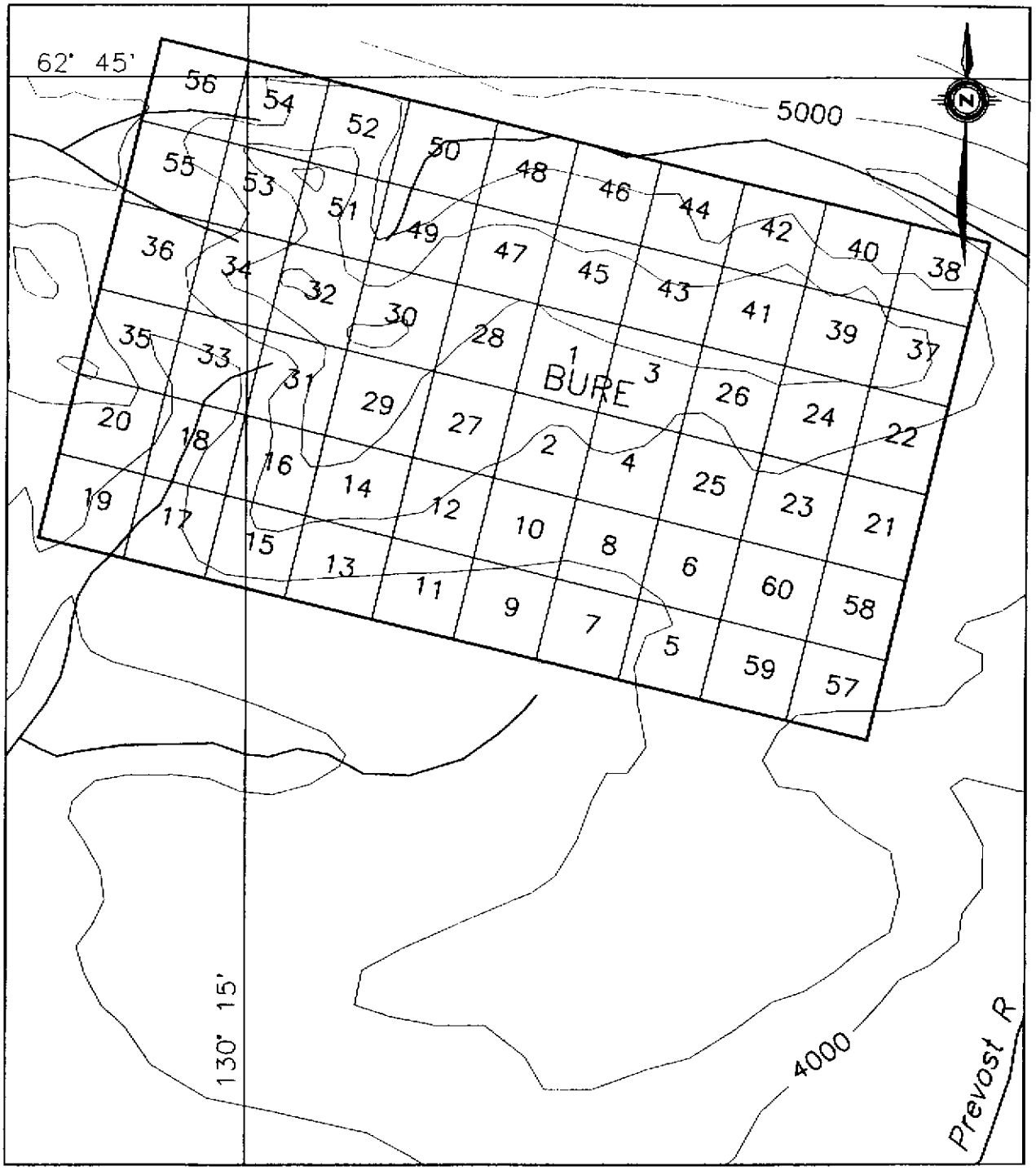
The property is comprised of sixty contiguous mineral claims (Figure 2) registered with the Watson Lake Mining Recorder in the name of Archer, Cathro & Associates (1981) Limited which holds them in trust for Expatriate Resources Ltd. Claim registration data are listed below.

Claim Name	Grant Numbers	Expiry Date*
Bure 1-4	YB46321-YB46324	March 5, 2003
5-60	YB91023-YB91078	March 5, 2003

*Expiry dates include work done in 1998 which has not yet been acceppted for credit.

The 1998 exploration was carried out from two locations: 1) from a fly camp on the property supported by a Bell 206B helicopter supplied by Trans North Helicopters of Ross River, 160 km southwest of the property; and, 2) from a base camp on the North Canol Road just north of the Macmillan #1 bridge crossing where a Heli Dynamics Ltd. Bell 206B helicopter provided daily set-outs and pick ups.


EXPATRIATE RESOURCES LTD.
FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PROPERTY LOCATION
BURE PROPERTY
0 50 100 150 200 km
0 20 60 100 140 miles
FILE: NR\BURE\ACAD98\BU-PLOC.DWG
APRIL, 1999
NR Project property
other Expatriate project
present or post producer
undeveloped deposit
BURE PROPERTY
ALASKA
YUKON
TERRITORY
NORTHWEST TERRITORIES
BRITISH COLUMBIA
IVVAVIK NATIONAL PARK
VUNTUT NAT. PARK
INUVIK
CLINTON CREEK
BREWERY CREEK
DAWSON
KLONDIKE HWY
YUKON
MAYO
NICK
JD
BLENDE
DUBLIN GULCH
KENO HILL
MARG
AUREX–SINISTER
SCOT
JET
WALT
MACTUNG
TOM–JASON
FALCON
WOLFMAN
CANDYMAN
HOWARDS PASS
CANTUNG
CASINO
MINTO
CANALASK
CARMACKS COPPER
CARMACKS
DONJEK
MT. NANSEN
ANVIL RANGE
FARO
ROSS RIVER
ICE
KUDZ ZE KAYAH
WOLVERINE
KETZA
FINLAYSON PROPERTIES
WELLGREEN
DIVISION MTN.
YUKON
KLUANE NATIONAL PARK
HAINES JUNCTION
WHITEHORSE
WHITEHORSE COPPER
SKUKUM
SA DENA HES
HYLAND GOLD
WATSON LAKE
ALASKA HWY
MIDWAY
WINDY CRAGGY
SKAGWAY
ATLIN
HAINES
CASSIAR
ERICKSON



NTS 105J/9

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FIGURE 2

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM LOCATION

BURE PROPERTY

0 1000

metres

FILE: ..\BURE\ACAD98\BU-A-CL.DWG | DATE: April, 1999

GEOLOGY

The Bure property lies within Selwyn Basin, a northwest-trending belt of deep water offshelf sedimentation that formed from Lower Ordovician to Lower Devonian time. This basin is bounded to the north and east by Mackenzie Platform, to the south by Macdonald Platform, and to the west by Cassiar Platform and Tintina Fault Zone (Figure 3).

Selwyn Basin stratigraphy consists of the Road River Group which is a Lower Ordovician to Lower Devonian succession of shale, basinal limestone, chert and gritty turbiditic sandstone. Lower Silurian siliceous and carbonaceous mudstones of the Road River Group host the world class Howards Pass zinc-lead sedex deposits 60 km southeast of the Bure property. From Lower Devonian to Early Mississippian time, Earn Group turbiditic chert rich clastic rocks were deposited from uplifted portions of west and central Selwyn Basin. These uplifts are related to a rift event that produced local block faults, felsic volcanism and widespread Upper Devonian bedded barite mineralization with localized barite-hosted zinc-lead sedex deposits. Lower Devonian shales in central Yukon host the Nick nickel-zinc massive sulphide mineralization that may be related to basin-wide expulsion of organic rich formational fluids during the initiation of rifting.

Early Cretaceous northeast-southwest compression led to northwest-trending decollement style folds and minor thrust faults. Middle to Late Cretaceous intrusions which intrude all lithologies are responsible for localization of tungsten skarns (notably at Cantung and Mactung) as well as intrusive hosted and hornfels gold vein and stockwork mineralization in the Macmillan Pass area.

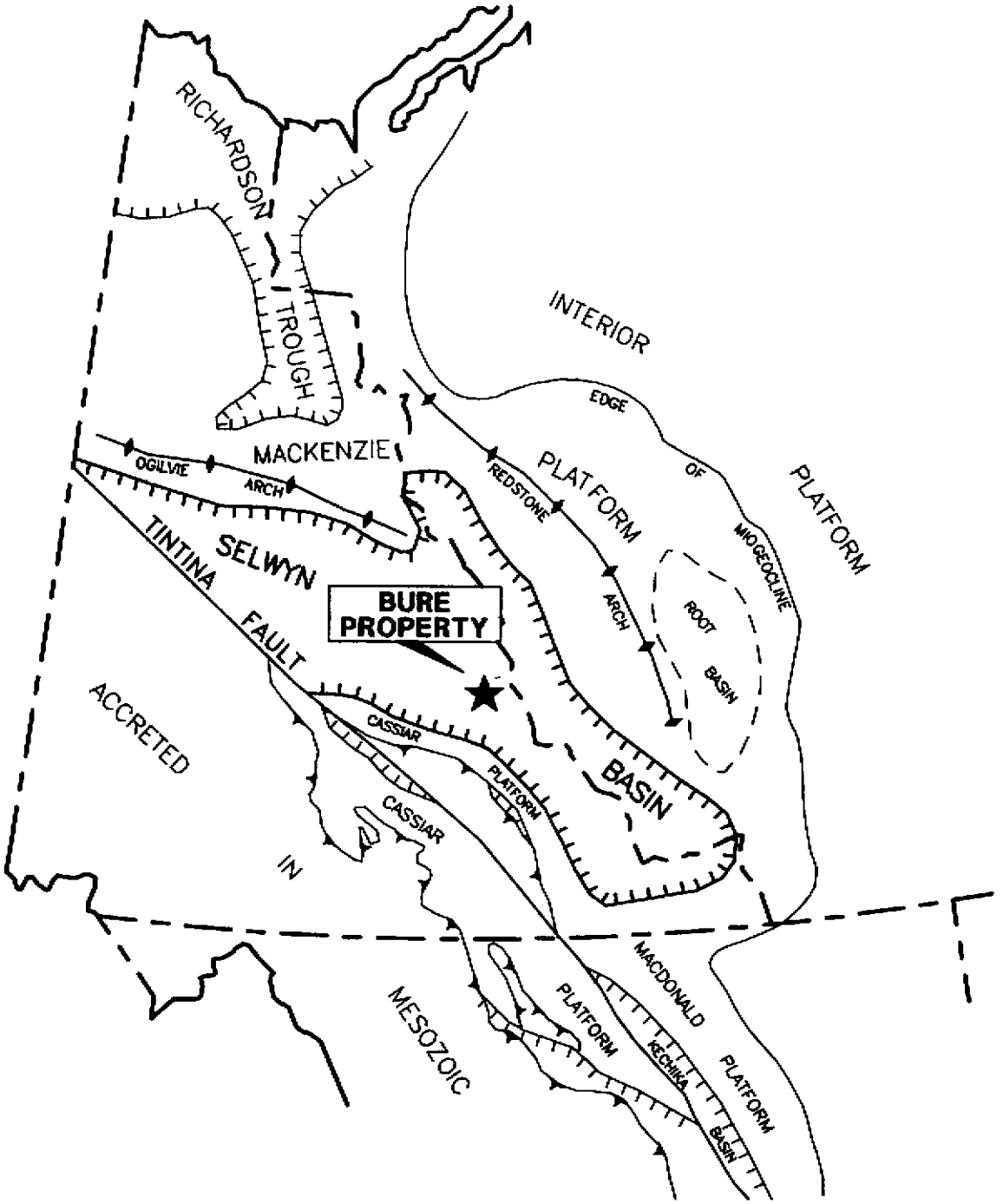

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FIGURE 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

REGIONAL TECTONICS

BURE PROPERTY

0 300 km

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FILE: NW\BURE\ACAD98\BU-TECTO.DWG	DATE: APRIL, 1998

PROPERTY GEOLOGY

The three main lithological packages shown on Figure 4 and described in Table I are derived from geological mapping by S.P. Gordey of the GSC (Map 19-1987) and Riocanex geologists in 1977. They include: 1) the Rabbitkettle Formation Unit (COr) composed of Upper Cambrian to Lower Ordovician thin bedded, fine crystalline limestone; 2) the Portrait Lake Formation Unit (Dp) containing Lower to Middle Devonian siliceous black shale, cherty argillite and barite; and 3) the Prevost Formation Unit (DMp) consisting of Upper Devonian to Middle Mississippian mudstone, siltstone, shale and localized conglomerate lenses. Lower Ordovician to Lower Devonian Road River Group shale, limestone, chert and sandstone are not present on the property.

TABLE 1
STRATIGRAPHIC COLUMN - BURE CLAIMS

UPPER DEVONIAN TO MIDDLE MISSISSIPPIAN
Prevost Formation

DMp	grey to brown-grey weathering mudstone; siltstone and shale (distal turbidites with localized conglomerate lenses)

LOWER TO MIDDLE DEVONIAN
Portrait Lake Formation

Dp	silver-grey weathering, black siliceous shale, cherty argillite and chert, minor pyrobitumen; dark grey laminated barite, nodular barite and baritic shale

UPPER CAMBRIAN TO LOWER ORDOVICIAN
Rabbitkettle Formation

COr	tan weathering thin bedded limestone with minor interbedded dolostones

Rabbitkettle Formation

The Upper Cambrian to Lower Ordovician Rabbitkettle Formation appears at the north end of the map area. This unit comprises thin bedded, tan weathering limestone often with

interbedded dolostones. In some areas black, very coarse grained radiating limestone concretions are present within finer grained limestone. An approximately east-west trending fault forms the contact between the Rabbitkettle Formation and the Prevost Formation.

Portrait Lake Formation

The Lower to Middle Devonian Portrait Lake Formation forms an approximately 400 m wide belt striking northwest-southeast across the map area and flanked on either side by the younger Prevost Formation. Portrait Lake Formation stratigraphy consists of silver-grey weathering, well bedded, black siliceous shale, cherty argillite and chert. Pyrobitumen is reported by previous operators to be present in amounts high enough to form coal-like accumulations. No pyrobitumen was noted during the 1998 exploration. In addition, laminated or nodular barite and baritic shale are present. The dark grey laminated barite occasionally contains bands of fine grained pyrite but it does not appear to contain potentially significant levels of lead and zinc. A majority of the soil geochemical anomalies occur within the Portrait Lake Formation.

Prevost Formation

Upper Devonian to Middle Mississippian Prevost Formation consists of mudstones, siltstones and shales with conglomerate lenses. The mudstones, siltstones and shales are typically black with a grey to brown-grey weathering aspect, often with earthy limonitic patches. The earthy weathering becomes more pronounced toward the lower contact with Portrait Lake Formation. Bedding is well defined but it is commonly obscured by a strongly developed crosscutting axial plain cleavage. Conglomerates comprise less than 10% of the sequence, typically forming elongate lenses. Clasts are sub-angular to sub-rounded, silica rich, polymictic

and are poorly sorted with respect to composition but generally well sorted with respect to size. Clast compositions vary from cherty sedimentary lithologies to fine grained volcanic rocks. The largest clasts are less than 5 cm in diameter.

Structure

Structural geology of the Bure claims comprises a series of northwest-southeast trending isoclinal folds. At an outcrop scale, secondary folding in the form of tight isoclinal folds from centimetres to several metres in amplitude is well developed in siliceous mudstones. Three major normal faults cut the property from northwest to southeast.

GEOCHEMISTRY AND TRENCHING

Several phases of silt and soil sampling have been completed on and around the Bure claim block. Figure 5 shows the sample numbers and locations of the 190 soil and silt samples taken in 1998. Geochemistry is plotted at 1:5000 for zinc, nickel, copper, silver and lead from both 1998 sampling by Expatriate and the soil samples collected by Riocanex in 1977 on Figures 6 to 10. Certificates of Analyses for multi-element geochemistry are reproduced in Appendix III.

The 1998 soil and silt samples were sent to Chemex Labs Ltd. of North Vancouver, B.C. Soil and silt samples were dried, sieved to -80 mesh and a portion was digested in an aqua regia leach and geochemically analyzed for thirty-two elements using the induced coupled plasma (ICP) technique. Trench rock samples were pulverized and a sub-sample underwent the same digestion and analysis. Soil samples were taken at 50 m intervals along compass and hip chain lines aligned perpendicular to the baseline and spaced 100 m apart. Control was established from a baseline and tieline which were cut and surveyed with a hard chain from a known location. Both the baseline and the tieline were marked every 50 m with a 1 m lath picket bearing an aluminum tag labelled with the grid coordinates and sample number. Sample sites were marked by orange flagging labelled with the sample number.

Results

The 1998 soil grid was designed to cover known geochemical anomalies from earlier, wide spaced soil sampling by Riocanex in 1977. Anomalous results are generally coincident for zinc, nickel, silver, arsenic, cadmium and copper. Zinc values range up to 3010 ppm against a

background of about 275 pm while nickel backgrounds are at about 70 ppm with peak values at 367 ppm. Background levels and maximum values in soils and silts on the property for silver are 0.4 and 10.6 ppm, for copper are 50 and 462 ppm, for lead are 275 and 6700 ppm and for cadmium are 2.0 and 67.5 ppm, respectively.

Coincident zinc, nickel, silver, arsenic, cadmium and copper anomalies derived from Portrait Lake Formation shales are the characteristic signature of Nick-type polymetallic sedex mineralization. This type of deposit weathers readily so that the absence of any prospecting discovery to explain the source of the anomalies is not unexpected.

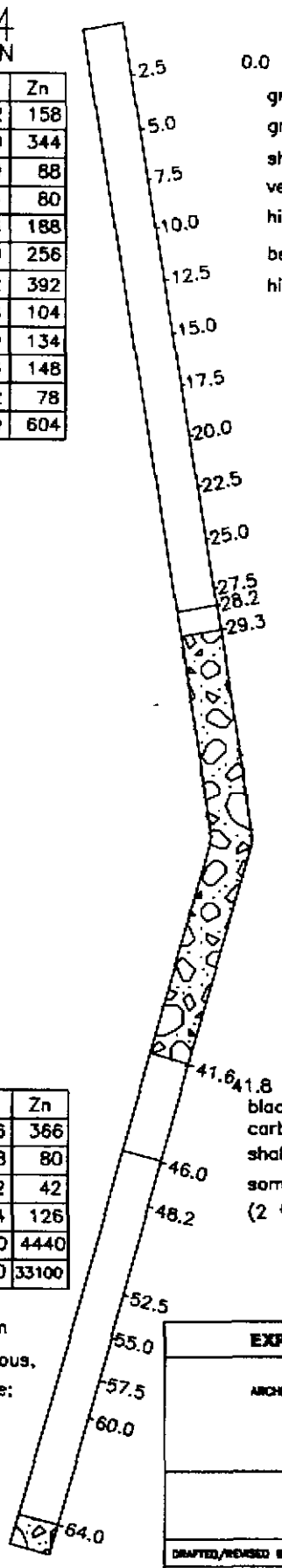
A strong lead soil geochemical anomaly is present in the west-central part of the 1998 sampling area. It was this anomaly that first attracted Riocanex to the property in the belief that Howards Pass-type lead-zinc sedex mineralization was present. Subsequent hand trenching by Riocanex in 1977 as well as Expatriate in 1998 as part of the present program was unsuccessful in establishing a source of the anomaly, as discussed in a following section. Recent mapping by the GSC, which was confirmed by the 1998 program, locates the anomalous lead response within the Portrait Lake Formation. This is a sequence which is younger than and overlies the Lower Silurian Road River Group host of the Howards Pass deposits. The barite-hosted lead-zinc-silver sedex deposits at Macmillan Pass are contained in Earn Group strata which includes the Portrait Lake Formation. Similar appearing bedded barite deposits are exposed in the vicinity of the lead soil geochemical anomaly and these occasionally contain bands of pyrite which is an unusual feature for the barite in the region. However, no lead or zinc mineralization has yet been found in the Bure barite although moderate strength zinc response is associated with

barite outcrop exposures near the lead soil geochemical anomaly. It is possible, although this remains to be confirmed by detailed mapping, that the lead response reflects epigenetic vein or disseminated mineralization that would have formed as a footwall feeder zone for the sedex barite.

Trenching

As discussed in the previous section, Trench T1 was excavated to test a strong lead geochemical anomaly within Portrait Lake Formation stratigraphy in proximity to apparently barren bedded barite (Figure 11). Bedrock was reached in all but 12.3 m of the 64.0 m long trench. Stratigraphy consisted primarily of shale and mudstone with minor barite and limestone intervals. Analyses of samples taken along the trench floor confirm the presence of sporadically anomalous lead and zinc response. Peak values of 3.31% zinc, 4790 ppm lead and 116.5 ppm cadmium are from a 4.0 m chip sample taken at the downslope end of the trench where Riocanex had previously carried out hand trenching. Unfortunately, depth of weathering prevented any evaluation of the style of mineralization present and although it is demonstratively not of the Macmillan Pass barite-hosted lead-zinc sedex type, it may represent a feeder zone for the barite. Thus, the bedded barite deposits are themselves an attractive exploration target.

from	to	sample	Cu	Ni	Pb	Zn
0.0	2.5	3403	40	28	212	158
2.5	5.0	3404	47	24	3120	344
5.0	7.5	3405	66	25	40	88
7.5	10.0	3406	29	23	24	80
10.0	12.5	3407	57	39	26	188
12.5	15.0	3408	72	48	30	256
15.0	17.5	3409	54	71	42	392
17.5	20.0	3410	61	18	18	104
20.0	22.5	3411	26	20	30	134
22.5	25.0	3412	30	25	36	148
25.0	27.5	3413	35	10	372	78
27.5	29.3	3414	24	59	1170	604



0.0 to 28.0 –Portrait Lake Formation
grey to tan weathering, black to grey carbonaceous, non calcareous, shale and mudstone, some qz–cb veins and oxd material (py?) highly fractured, 2–5 cm thick beds of black carbonaceous, highly weathered shale

28.2 to 29.3
tan weathering, grey–green limestone

29.3 to 41.6 –overburden, recessive

from	to	sample	Cu	Ni	Pb	Zn
41.6	46.0	30565	46	43	16	366
48.2	52.5	3415	33	20	48	80
52.5	55.0	3416	29	8	52	42
55.0	57.5	3417	30	9	84	126
57.5	60.0	3418	36	47	450	4440
60.0	64.0	3419	74	54	4790	33100

41.8 to 46.0 –Portrait Lake Formation
black, very fine, silty, compact, carbonaceous, (highly weathered shale?) with some shale fragments; some oxd limonitic streaks (2 to 5%)

48.2 to 64.0 –Portrait Lake Formation
light grey, moderately to non siliceous, non calcareous shale and mudstone; barite blebs in mudstone

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FIGURE 11
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TRENCH T1
BURE PROPERTY

0 1 2 3 4 5 m

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FILE: _\BR\BURE\ACADGE\T1.DWG | DATE: APRIL, 1988

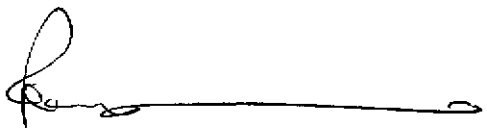
APPENDIX I

AUTHOR'S STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Robert C. Carne, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in Burnaby, British Columbia, hereby certify that:

1. I graduated from the University of British Columbia in 1974 with a B.Sc. and in 1979 with an M.Sc. majoring in Geological Sciences.
2. I am a Professional Geoscientist registered with the Association of Professional Engineers and Geoscientists of the Province of British Columbia (registration number 19868).
3 From 1974 to present, I have been actively engaged as a geologist in mineral exploration in British Columbia and Yukon Territory and on June 1, 1981 became a partner of Archer, Cathro & Associates (1981) Limited.
4. I have personally participated in or supervised the field work reported herein and have interpreted all data resulting from this work.



Robert C. Carne, M.Sc., P.Geo.

APPENDIX II

LIST OF PERSONNEL

Name	Position	Period
Frank Gish	Geologist	July 14 to 17, 1998 August 4, 1998
Mark Bolton	Field Assistant	July 14 to 21, 1998 August 4, 1998
Charles Laudadio	Field Assistant	July 14 to 21, 1998
Rob Carne	Geologist	August 3, 1998

APPENDIX III

ANALYTICAL CERTIFICATES

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Y1A 3S9

Project : NR-BURE
Comments:

Page Number : 1-A
Total Pages : 1
Certificate Date: 10-AUG-98
Invoice No. : 19826783
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS A9826783

SAMPLE	PREP CODE		Ag ppm	Al %	As 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 %	Mn ppm	Mo ppm
AA3403	205	226	1.4	0.68	34	440	0.5	< 2	0.30	1.5	2	107	40	1.32	< 10	< 1	0.31	10	0.07	40	13
AA3404	205	226	1.6	0.81	60	580	0.5	< 2	1.52	3.0	4	86	47	1.91	< 10	2	0.31	20	0.08	75	18
AA3405	205	226	< 0.2	1.06	42	1910	0.5	< 2	4.22	1.0	2	64	66	1.25	< 10	< 1	0.25	40	0.06	60	2
AA3406	205	226	< 0.2	0.92	22	450	0.5	< 2	3.15	2.0	1	79	29	1.01	< 10	1	0.22	30	0.08	65	3
AA3407	205	226	< 0.2	0.78	30	420	0.5	< 2	2.90	0.5	3	45	57	1.42	< 10	< 1	0.19	30	0.05	60	2
AA3408	205	226	0.6	0.92	36	1090	0.5	< 2	3.63	1.0	5	65	72	1.76	< 10	1	0.24	30	0.08	95	4
AA3409	205	226	0.8	0.65	32	950	0.5	< 2	2.14	2.0	5	72	54	3.41	< 10	1	0.17	20	0.04	145	4
AA3410	205	226	0.6	1.04	22	2370	0.5	< 2	3.91	2.5	1	94	61	1.43	< 10	< 1	0.26	30	0.07	80	3
AA3411	205	226	0.6	0.50	10	2210	0.5	< 2	0.49	1.0	2	51	26	1.09	< 10	< 1	0.14	10	0.04	35	8
AA3412	205	226	0.4	0.39	38	2140	0.5	< 2	0.78	1.5	2	114	30	1.16	< 10	< 1	0.11	< 10	0.04	35	8
AA3413	205	226	1.0	0.46	30	1630	< 0.5	< 2	1.39	3.5	< 1	97	35	0.84	< 10	1	0.16	10	0.03	40	30
AA3414	205	226	1.0	0.31	44	440	0.5	< 2	12.80	1.5	6	66	24	1.30	< 10	4	0.13	< 10	0.18	360	134
AA3415	205	226	0.6	0.29	28	500	< 0.5	< 2	0.07	2.0	1	69	33	0.77	< 10	< 1	0.11	10	0.01	30	23
AA3416	205	226	0.6	0.25	22	540	< 0.5	< 2	0.04	2.0	< 1	57	29	0.82	< 10	< 1	0.18	10	0.01	10	34
AA3417	205	226	0.8	0.29	32	610	< 0.5	< 2	0.03	3.5	< 1	60	30	1.08	< 10	< 1	0.24	10	0.01	15	44
AA3418	205	226	0.6	0.21	54	160	0.5	< 2	6.31	23.5	7	50	36	1.29	< 10	2	0.10	10	0.22	225	29
AA3419	205	226	1.2	0.31	74	250	0.5	< 2	2.20	116.5	5	74	55	1.28	< 10	6	0.14	10	0.03	105	28

CERTIFICATION: Jack Bielle

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS A9826783

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
AA3403	205 226	< 0.01	28	2340	212	8	3	34	< 0.01	< 10	< 10	111	< 10	158
AA3404	205 226	< 0.01	24	8700	3120	18	3	89	< 0.01	< 10	10	95	< 10	344
AA3405	205 226	< 0.01	25	>10000	40	18	3	213	< 0.01	< 10	10	45	< 10	88
AA3406	205 226	< 0.01	23	>10000	24	6	2	157	< 0.01	< 10	< 10	44	< 10	80
AA3407	205 226	< 0.01	39	>10000	26	8	2	146	< 0.01	< 10	< 10	44	< 10	188
AA3408	205 226	< 0.01	48	>10000	30	14	2	171	< 0.01	< 10	10	67	< 10	256
AA3409	205 226	< 0.01	71	>10000	42	10	1	128	< 0.01	< 10	< 10	55	< 10	392
AA3410	205 226	< 0.01	18	>10000	18	8	3	366	< 0.01	< 10	10	100	< 10	104
AA3411	205 226	< 0.01	20	3500	30	6	1	147	< 0.01	< 10	< 10	51	< 10	134
AA3412	205 226	< 0.01	25	5070	36	10	1	72	< 0.01	< 10	< 10	128	< 10	148
AA3413	205 226	< 0.01	10	8220	372	10	1	97	< 0.01	< 10	10	176	< 10	78
AA3414	205 226	< 0.01	59	2630	1170	14	1	290	< 0.01	< 10	< 10	175	< 10	608
AA3415	205 226	< 0.01	20	880	48	2	1	55	< 0.01	< 10	10	148	< 10	80
AA3416	205 226	< 0.01	8	310	52	2	< 1	27	< 0.01	< 10	< 10	152	< 10	42
AA3417	205 226	< 0.01	9	550	84	< 2	< 1	36	< 0.01	< 10	< 10	151	< 10	126
AA3418	205 226	< 0.01	47	720	450	2	1	108	< 0.01	< 10	< 10	100	< 10	4440
AA3419	205 226	< 0.01	54	1920	4790	6	1	59	< 0.01	< 10	10	226	< 10	>10000

CERTIFICATION: Jan Bidlo

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C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Project : NR-BURE
Comments:

Page Number :1-A
Total Pages :5
Certificate Date: 08-AUG-98
Invoice No. :19826564
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Account :MPO

CERTIFICATE OF ANALYSIS A9826564

SAMPLE	PREP CODE	Ag ppm	Al %	As 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 %	Mn ppm	Mo ppm
RA3207	201 202	0.2	0.95	34	1910	0.5	< 2	0.34	5.0	9	27	46	3.01	< 10	< 1	0.12	20	0.13	275	19
RA3208	201 202	< 0.2	0.87	12	1660	< 0.5	< 2	0.03	< 0.5	4	12	19	1.90	< 10	< 1	0.11	10	0.10	240	6
RA3209	201 202	1.6	1.12	10	1000	0.5	< 2	0.35	0.5	4	35	36	2.60	< 10	< 1	0.34	30	0.14	30	11
RA3210	201 202	0.4	1.04	8	950	< 0.5	< 2	0.01	< 0.5	8	8	34	2.38	< 10	< 1	0.10	20	0.08	100	4
RA3211	201 202	0.6	1.45	48	1580	0.5	< 2	0.23	1.5	8	39	66	3.02	< 10	< 1	0.16	20	0.09	275	27
RA3212	201 202	0.4	0.90	44	980	< 0.5	< 2	0.01	< 0.5	6	28	53	3.53	< 10	1	0.15	10	0.06	55	31
RA3213	201 202	0.8	0.72	44	1030	< 0.5	< 2	0.01	< 0.5	5	24	45	2.76	< 10	< 1	0.12	10	0.06	80	42
RA3214	201 202	0.2	0.96	28	560	< 0.5	< 2	0.15	1.0	7	25	25	2.55	< 10	< 1	0.15	10	0.16	250	10
RA3215	201 202	0.8	0.85	32	280	< 0.5	< 2	0.11	1.0	6	15	34	2.03	< 10	< 1	0.09	10	0.07	285	14
RA3216	201 202	0.6	0.64	58	250	< 0.5	< 2	0.08	< 0.5	8	11	57	2.36	< 10	1	0.10	10	0.07	245	8
RA3217	201 202	0.4	1.09	30	490	< 0.5	< 2	0.01	< 0.5	5	16	92	4.19	< 10	< 1	0.10	10	0.05	75	10
RA3218	201 202	0.6	0.99	32	220	< 0.5	< 2	0.02	< 0.5	6	21	55	4.30	< 10	< 1	0.07	10	0.12	115	7
RA3219	201 202	0.4	0.69	82	270	< 0.5	< 2	< 0.01	0.5	12	11	64	3.40	< 10	< 1	0.08	10	0.05	150	5
RA3226	201 202	0.2	0.85	36	1190	0.5	< 2	0.06	1.5	7	90	69	2.30	< 10	< 1	0.09	10	0.07	425	36
RA3227	201 202	0.2	1.04	38	400	0.5	< 2	0.23	1.0	7	63	66	2.82	< 10	< 1	0.09	10	0.12	50	47
RA3228	201 202	0.2	0.84	46	950	0.5	< 2	0.26	1.0	6	19	53	3.30	< 10	< 1	0.17	20	0.07	110	17
RA3229	201 202	< 0.2	0.97	30	870	0.5	< 2	0.08	0.5	13	15	54	4.10	< 10	< 1	0.16	30	0.17	165	19
RA3230	201 202	< 0.2	0.73	24	330	< 0.5	< 2	0.20	0.5	6	18	34	2.27	< 10	< 1	0.11	10	0.16	75	11
RA3231	201 202	0.4	0.94	22	1080	< 0.5	< 2	0.05	< 0.5	6	10	24	2.67	< 10	< 1	0.14	30	0.09	75	7
RA3232	201 202	0.2	0.90	26	260	< 0.5	< 2	0.01	< 0.5	9	12	56	3.11	< 10	< 1	0.15	20	0.09	90	17
RA3233	201 202	0.4	1.12	20	1570	0.5	< 2	0.34	1.5	7	22	23	1.65	< 10	< 1	0.06	10	0.15	470	43
RA3234	201 202	2.6	1.57	38	8180	0.5	< 2	0.32	17.5	18	32	54	2.80	< 10	< 1	0.05	40	0.15	535	103
RA3235	201 202	1.4	1.48	44	300	0.5	< 2	0.02	0.5	3	34	56	3.20	< 10	1	0.20	10	0.06	55	17
RA3236	201 202	2.2	0.90	66	430	0.5	< 2	0.37	1.5	6	33	79	2.98	< 10	1	0.23	10	0.08	265	36
RA3237	201 202	1.0	0.76	46	1170	0.5	< 2	0.09	0.5	10	30	60	3.02	< 10	< 1	0.13	10	0.06	840	43
RA3238	201 202	0.6	1.00	28	350	0.5	< 2	0.14	1.0	4	54	40	2.19	< 10	< 1	0.13	10	0.08	55	17
RA3239	201 202	0.6	0.89	50	260	< 0.5	< 2	0.01	1.0	5	38	46	2.64	< 10	< 1	0.10	10	0.07	70	22
RA3240	201 202	0.2	1.25	42	150	0.5	< 2	0.02	< 0.5	7	16	46	3.27	< 10	< 1	0.08	10	0.22	215	4
RA3241	201 202	0.2	0.58	20	220	< 0.5	< 2	0.01	< 0.5	8	9	55	2.47	< 10	< 1	0.09	10	0.03	125	6
RA3242	201 202	0.2	0.86	62	130	0.5	< 2	0.01	< 0.5	9	8	38	2.30	< 10	< 1	0.08	10	0.07	330	4
RA3243	201 202	< 0.2	0.79	196	90	0.5	2	< 0.01	< 0.5	6	1	14	1.34	< 10	< 1	0.05	10	0.12	85	1
RA3244	201 202	0.6	1.25	132	190	1.0	< 2	0.05	1.5	10	15	34	2.15	< 10	< 1	0.07	10	0.18	235	6
RA3245	201 202	0.2	0.99	64	200	0.5	< 2	0.03	0.5	5	22	32	2.07	< 10	< 1	0.10	10	0.09	90	10
RA3246	201 202	0.2	1.45	40	440	1.0	< 2	0.04	0.5	5	21	46	2.30	< 10	< 1	0.12	10	0.06	75	7
RA3247	201 202	0.2	0.68	44	400	< 0.5	< 2	< 0.01	0.5	8	22	60	2.54	< 10	< 1	0.19	10	0.07	175	39
RA3248	201 202	0.2	0.79	34	330	0.5	< 2	0.02	< 0.5	8	18	44	2.61	< 10	< 1	0.19	20	0.07	455	26
RA3249	201 202	0.2	0.49	68	480	< 0.5	< 2	0.01	< 0.5	5	20	40	2.22	< 10	< 1	0.15	20	0.06	45	31
RA3250	201 202	< 0.2	0.56	28	110	< 0.5	< 2	0.01	< 0.5	11	13	52	3.40	< 10	< 1	0.09	10	0.08	140	13
RA3251	201 202	0.2	0.84	54	550	< 0.5	< 2	< 0.01	0.5	10	14	50	3.24	< 10	< 1	0.14	10	0.08	110	28
RA3252	201 202	0.2	0.80	28	1010	< 0.5	< 2	0.04	< 0.5	16	4	44	5.57	< 10	< 1	0.13	20	0.06	195	8

CERTIFICATION: Hart Bidlake

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Y1A 3S9

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SAMPLE	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
AA3207	201	202	< 0.01	89	2480	24	4	1	42	< 0.01	< 10	< 10	128	< 10	1015
AA3208	201	202	< 0.01	20	1170	8	< 2	< 1	14	< 0.01	< 10	< 10	46	< 10	112
AA3209	201	202	0.01	38	4340	44	< 2	< 1	168	< 0.01	< 10	< 10	160	< 10	204
AA3210	201	202	0.01	27	1270	6	< 2	< 1	11	< 0.01	< 10	< 10	37	< 10	88
AA3211	201	202	< 0.01	81	4590	24	14	1	48	< 0.01	< 10	< 10	404	< 10	470
AA3212	201	202	< 0.01	64	1950	30	10	< 1	55	< 0.01	< 10	< 10	247	< 10	346
AA3213	201	202	0.01	45	1540	34	18	< 1	50	< 0.01	< 10	< 10	280	< 10	296
AA3214	201	202	< 0.01	30	2470	66	4	< 1	47	< 0.01	< 10	< 10	136	< 10	272
AA3215	201	202	0.03	45	2040	36	6	< 1	34	< 0.01	< 10	< 10	113	< 10	314
AA3216	201	202	0.01	37	1220	22	2	1	44	< 0.01	< 10	< 10	66	< 10	160
AA3217	201	202	0.01	27	1810	18	8	< 1	43	< 0.01	< 10	< 10	94	< 10	280
AA3218	201	202	< 0.01	26	1490	18	6	< 1	24	< 0.01	< 10	< 10	67	< 10	184
AA3219	201	202	< 0.01	46	960	18	4	1	51	< 0.01	< 10	< 10	43	< 10	280
AA3226	201	202	0.01	196	1730	16	16	< 1	16	< 0.01	< 10	< 10	435	< 10	698
AA3227	201	202	< 0.01	160	3340	22	12	< 1	28	< 0.01	< 10	< 10	354	< 10	670
AA3228	201	202	< 0.01	52	4520	42	8	< 1	104	< 0.01	< 10	< 10	106	< 10	336
AA3229	201	202	< 0.01	88	1520	20	2	2	12	< 0.01	< 10	< 10	100	< 10	146
AA3230	201	202	< 0.01	49	1730	16	6	1	36	< 0.01	< 10	< 10	140	< 10	242
AA3231	201	202	0.01	24	1610	16	< 2	< 1	13	< 0.01	< 10	< 10	49	< 10	160
AA3232	201	202	0.01	50	1580	18	2	< 1	9	< 0.01	< 10	< 10	61	< 10	298
AA3233	201	202	0.03	110	1810	12	2	1	23	< 0.01	< 10	< 10	104	< 10	356
AA3234	201	202	0.01	367	1600	16	12	6	46	< 0.01	< 10	< 10	180	< 10	1795
AA3235	201	202	0.01	28	1660	36	8	1	63	0.01	< 10	< 10	209	< 10	192
AA3236	201	202	< 0.01	60	3430	6700	16	1	83	< 0.01	< 10	< 10	265	< 10	524
AA3237	201	202	< 0.01	86	2720	390	16	< 1	58	< 0.01	< 10	< 10	319	< 10	518
AA3238	201	202	0.01	73	2600	40	14	< 1	40	< 0.01	< 10	< 10	525	< 10	362
AA3239	201	202	< 0.01	31	1330	30	12	< 1	37	< 0.01	< 10	< 10	595	< 10	202
AA3240	201	202	< 0.01	27	1660	32	4	< 1	21	< 0.01	< 10	< 10	40	< 10	154
AA3241	201	202	< 0.01	37	1320	18	2	< 1	26	< 0.01	< 10	< 10	42	< 10	208
AA3242	201	202	< 0.01	41	1040	34	4	< 1	33	< 0.01	< 10	< 10	29	< 10	148
AA3243	201	202	< 0.01	33	380	64	< 2	< 1	12	< 0.01	< 10	< 10	9	< 10	210
AA3244	201	202	< 0.01	40	1170	54	6	1	21	< 0.01	< 10	< 10	146	< 10	228
AA3245	201	202	< 0.01	26	1850	30	2	< 1	18	< 0.01	< 10	< 10	323	< 10	190
AA3246	201	202	< 0.01	41	3490	46	< 2	< 1	37	< 0.01	< 10	< 10	174	< 10	258
AA3247	201	202	< 0.01	82	1420	42	10	< 1	24	< 0.01	< 10	< 10	221	< 10	534
AA3248	201	202	< 0.01	58	1970	50	6	< 1	25	< 0.01	< 10	< 10	146	< 10	432
AA3249	201	202	< 0.01	68	760	42	6	< 1	27	< 0.01	< 10	< 10	162	< 10	416
AA3250	201	202	< 0.01	80	860	16	2	1	6	< 0.01	< 10	< 10	64	< 10	240
AA3251	201	202	< 0.01	68	2170	28	6	< 1	13	< 0.01	< 10	< 10	100	< 10	468
AA3252	201	202	< 0.01	56	1560	58	2	1	24	< 0.01	< 10	< 10	12	< 10	276

CERTIFICATION: Stuart Bielle

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SAMPLE	PREP CODE		Ag ppm	Al %	As 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 %	Mn ppm	Mo ppm
RA3253	201	202	0.2	1.04	20	710	0.5	< 2	0.52	< 0.5	10	19	57	3.18	< 10	< 1	0.16	20	0.28	650	8
RA3254	201	202	1.2	1.53	18	1100	0.5	< 2	0.35	1.5	5	17	44	2.11	< 10	1	0.13	10	0.27	165	5
RA3255	201	202	2.2	0.92	46	490	0.5	< 2	0.49	7.5	9	18	83	2.68	< 10	1	0.18	30	0.18	580	66
RA3256	201	202	0.2	1.30	12	440	0.5	< 2	0.18	0.5	4	25	26	2.31	< 10	< 1	0.17	10	0.28	205	9
RA3257	201	202	1.6	1.83	26	730	0.5	< 2	1.17	3.0	6	25	116	2.13	< 10	< 1	0.16	10	0.51	225	4
RA3258	201	202	< 0.2	0.80	12	780	0.5	< 2	0.22	1.5	13	18	35	2.77	< 10	< 1	0.19	20	0.12	725	14
RA3259	201	202	0.2	0.82	110	980	< 0.5	< 2	0.13	0.5	12	9	39	5.33	< 10	< 1	0.14	20	0.10	440	10
RA3260	201	202	< 0.2	1.23	18	970	< 0.5	< 2	0.08	< 0.5	6	17	30	1.97	< 10	< 1	0.13	20	0.14	80	5
RA3261	201	202	1.0	0.98	62	550	0.5	< 2	0.88	9.0	8	46	52	2.52	< 10	< 1	0.18	20	0.27	150	18
RA3262	201	202	0.2	0.79	32	560	< 0.5	< 2	0.06	1.0	5	13	23	2.03	< 10	< 1	0.14	10	0.08	235	15
RA3263	201	202	0.2	0.68	98	480	0.5	< 2	0.24	2.5	7	13	41	2.14	< 10	1	0.12	10	0.09	330	31
RA3264	201	202	0.2	0.70	46	470	0.5	2	0.14	0.5	8	12	43	2.99	< 10	< 1	0.11	10	0.07	220	11
RA3265	201	202	0.2	0.53	48	360	< 0.5	< 2	0.06	< 0.5	7	11	43	2.86	< 10	< 1	0.08	10	0.04	80	8
RA3266	201	202	0.2	0.71	30	400	< 0.5	< 2	0.06	0.5	7	16	45	2.82	< 10	< 1	0.08	10	0.06	120	9
RA3267	201	202	0.6	0.53	28	550	< 0.5	< 2	< 0.01	0.5	21	12	43	2.35	< 10	< 1	0.07	10	0.03	3500	26
RA3268	201	202	0.6	0.69	26	190	< 0.5	< 2	0.04	0.5	8	6	60	2.35	< 10	< 1	0.06	10	0.07	170	4
RA3269	201	202	0.2	0.77	20	240	< 0.5	< 2	0.01	0.5	10	14	66	3.68	< 10	< 1	0.09	10	0.06	180	5
RA3270	201	202	0.2	0.86	18	2150	< 0.5	< 2	0.02	0.5	7	13	53	2.95	< 10	< 1	0.10	10	0.07	165	8
RA3271	201	202	0.6	0.79	26	500	< 0.5	< 2	0.03	0.5	7	15	36	2.55	< 10	< 1	0.15	10	0.06	200	15
RA3272	201	202	1.6	0.89	48	590	1.0	< 2	0.19	0.5	7	19	46	2.91	< 10	< 1	0.14	10	0.09	160	12
RA3273	201	202	0.8	0.72	54	540	0.5	< 2	0.87	4.5	9	14	63	3.04	< 10	< 1	0.12	10	0.12	435	18
RA3274	201	202	0.6	0.88	26	360	0.5	< 2	0.08	0.5	5	16	44	2.48	< 10	< 1	0.10	10	0.07	120	10
RA3275	201	202	< 0.2	0.88	24	270	< 0.5	< 2	0.27	1.0	6	8	25	1.94	< 10	< 1	0.10	10	0.08	240	19
RA3276	201	202	0.4	1.18	36	270	< 0.5	< 2	0.17	1.0	9	19	41	3.74	< 10	< 1	0.16	20	0.31	285	15
RA3277	201	202	1.0	0.38	76	680	0.5	< 2	2.40	9.5	9	9	56	2.70	< 10	< 1	0.09	10	0.98	245	18
RA3278	201	202	< 0.2	0.78	14	360	< 0.5	< 2	0.23	< 0.5	2	9	13	1.39	< 10	< 1	0.06	10	0.19	150	3
RA3279	201	202	1.0	1.75	10	370	0.5	< 2	1.10	1.0	7	22	65	2.56	< 10	< 1	0.12	10	0.65	405	4
RA3280	201	202	0.4	1.23	20	390	0.5	< 2	0.50	1.0	9	18	36	3.68	< 10	< 1	0.10	10	0.39	385	11
RA3281	201	202	1.2	1.38	24	670	0.5	< 2	0.30	0.5	6	19	36	2.77	< 10	1	0.09	10	0.35	200	19
RA3282	201	202	0.6	1.33	18	380	0.5	< 2	0.54	0.5	7	21	63	2.39	< 10	< 1	0.13	10	0.54	170	7
RA3283	201	202	1.0	0.48	80	720	0.5	< 2	2.37	11.5	10	10	68	3.22	< 10	< 1	0.09	< 10	0.50	295	11
RA3284	201	202	1.4	1.96	24	440	0.5	< 2	1.57	5.5	8	19	45	2.40	< 10	< 1	0.14	20	0.79	390	5
RA3285	201	202	0.2	1.42	24	380	< 0.5	< 2	0.70	2.5	6	15	16	2.26	< 10	< 1	0.12	10	0.37	380	15
RA3286	201	202	1.2	0.96	12	420	< 0.5	< 2	0.77	15.0	1	16	52	1.30	< 10	1	0.16	20	0.31	50	11
RA3287	201	202	2.4	0.69	56	440	1.5	< 2	0.82	5.0	15	28	152	2.68	< 10	< 1	0.26	10	0.10	220	29
RA3288	201	202	2.0	0.53	38	630	0.5	< 2	0.34	2.0	5	11	52	2.46	< 10	< 1	0.28	10	0.07	105	5
RA3289	201	202	0.8	0.53	20	980	< 0.5	< 2	11.80	3.5	8	9	33	1.64	< 10	< 1	0.09	< 10	0.23	505	7
RA3290	201	202	< 0.2	0.68	28	400	< 0.5	< 2	0.03	< 0.5	5	11	32	2.75	< 10	< 1	0.10	10	0.07	80	8
RA3291	201	202	0.2	0.87	26	870	0.5	< 2	0.63	1.5	5	11	32	1.60	< 10	< 1	0.09	10	0.13	230	4
RA3292	201	202	0.2	1.30	56	1130	0.5	< 2	0.51	16.5	11	39	45	2.83	< 10	< 1	0.12	10	0.44	370	14

CERTIFICATION: Hart Bielle

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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To: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project : NR-BURE
Comments:

Certificate Date: 08-AUG-98
Invoice No. : I9826564
P.O. Number :
Account :MPO

CERTIFICATE OF ANALYSIS A9826564

SAMPLE	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
AA3253	201	202	< 0.01	60	4510	26	4	1	47	< 0.01	< 10	< 10	65	< 10	300
AA3254	201	202	0.02	53	1630	14	< 2	2	44	< 0.01	< 10	< 10	63	< 10	274
AA3255	201	202	< 0.01	137	1460	20	10	2	27	< 0.01	< 10	< 10	193	< 10	1110
AA3256	201	202	< 0.01	30	1860	16	2	< 1	24	< 0.01	< 10	< 10	128	< 10	214
AA3257	201	202	0.02	137	2090	10	< 2	2	58	0.01	< 10	10	78	< 10	380
AA3258	201	202	< 0.01	80	2150	22	4	< 1	37	< 0.01	< 10	< 10	91	< 10	274
AA3259	201	202	< 0.01	50	1800	34	6	1	29	< 0.01	< 10	< 10	38	< 10	322
AA3260	201	202	< 0.01	34	1330	12	< 2	2	19	< 0.01	< 10	< 10	57	< 10	194
AA3261	201	202	< 0.01	205	2890	40	4	4	78	< 0.01	< 10	< 10	126	< 10	1895
AA3262	201	202	< 0.01	34	1700	38	4	< 1	39	< 0.01	< 10	< 10	71	< 10	222
AA3263	201	202	0.01	61	1550	20	8	< 1	27	< 0.01	< 10	< 10	114	< 10	444
AA3264	201	202	< 0.01	57	2840	52	6	< 1	46	< 0.01	< 10	< 10	77	< 10	326
AA3265	201	202	< 0.01	54	2280	30	2	< 1	37	< 0.01	< 10	< 10	86	< 10	334
AA3266	201	202	< 0.01	46	2420	48	2	< 1	43	< 0.01	< 10	< 10	100	< 10	268
AA3267	201	202	0.01	50	1190	30	6	< 1	25	< 0.01	< 10	< 10	135	< 10	318
AA3268	201	202	0.02	34	740	14	< 2	1	36	< 0.01	< 10	< 10	21	< 10	244
AA3269	201	202	< 0.01	40	2060	14	< 2	< 1	29	< 0.01	< 10	< 10	63	< 10	294
AA3270	201	202	< 0.01	38	1740	28	< 2	< 1	38	< 0.01	< 10	< 10	88	< 10	232
AA3271	201	202	0.01	35	1980	42	4	< 1	30	< 0.01	< 10	< 10	82	< 10	208
AA3272	201	202	< 0.01	61	3360	20	6	< 1	30	< 0.01	< 10	< 10	92	< 10	372
AA3273	201	202	< 0.01	196	3940	254	6	< 1	63	< 0.01	< 10	< 10	81	< 10	1660
AA3274	201	202	0.01	48	2160	48	4	< 1	50	< 0.01	< 10	< 10	134	< 10	258
AA3275	201	202	0.02	40	1210	12	2	< 1	28	< 0.01	< 10	< 10	56	< 10	306
AA3276	201	202	< 0.01	36	1760	16	6	< 1	19	< 0.01	< 10	< 10	107	< 10	324
AA3277	201	202	< 0.01	171	1420	10	16	4	86	< 0.01	< 10	< 10	57	< 10	1595
AA3278	201	202	< 0.01	14	1030	6	< 2	< 1	22	< 0.01	< 10	< 10	38	< 10	140
AA3279	201	202	0.01	85	2750	10	2	1	59	0.01	< 10	10	61	< 10	362
AA3280	201	202	< 0.01	46	2630	14	< 2	1	36	< 0.01	< 10	< 10	67	< 10	318
AA3281	201	202	< 0.01	45	2500	14	2	3	30	< 0.01	< 10	< 10	92	< 10	378
AA3282	201	202	0.01	116	1700	12	< 2	1	40	0.01	< 10	< 10	70	< 10	546
AA3283	201	202	0.01	301	1940	14	18	3	83	< 0.01	< 10	< 10	31	< 10	2520
AA3284	201	202	0.01	38	2250	10	< 2	4	71	0.01	< 10	50	76	< 10	268
AA3285	201	202	0.01	20	1480	10	< 2	1	35	0.01	< 10	10	56	< 10	218
AA3286	201	202	< 0.01	59	1210	12	< 2	4	39	< 0.01	< 10	< 10	82	< 10	558
AA3287	201	202	< 0.01	159	3290	16	8	5	133	< 0.01	< 10	< 10	199	< 10	1470
AA3288	201	202	< 0.01	85	2190	30	2	3	105	< 0.01	< 10	< 10	25	< 10	896
AA3289	201	202	0.01	285	1600	6	< 2	3	143	< 0.01	< 10	< 10	34	< 10	3010
AA3290	201	202	< 0.01	45	1700	24	2	< 1	18	< 0.01	< 10	< 10	57	< 10	270
AA3291	201	202	< 0.01	35	3090	12	2	1	65	< 0.01	< 10	< 10	36	< 10	254
AA3292	201	202	< 0.01	165	1970	10	6	3	67	< 0.01	< 10	< 10	236	< 10	1710

CERTIFICATION: Hart Bichler

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CERTIFICATE OF ANALYSIS A9826564

SAMPLE	PREP CODE		Ag ppm	Al %	As 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 %	Mn ppm	Mo ppm
AA3293	201	202	0.2	0.62	26	440	< 0.5	< 2	0.09	1.0	13	13	52	2.70	< 10	< 1	0.12	10	0.11	365	6
AA3294	201	202	0.2	1.65	14	570	< 0.5	< 2	0.22	< 0.5	14	25	19	3.48	< 10	< 1	0.14	10	0.48	365	3
AA3295	201	202	6.2	0.93	104	1080	1.5	< 2	2.02	67.5	8	197	462	2.89	< 10	3	0.31	30	0.28	140	47
AA3296	201	202	0.8	1.18	44	1470	1.0	< 2	1.35	14.5	11	24	89	3.25	< 10	< 1	0.21	20	0.35	290	13
AA3297	201	202	0.4	0.51	50	690	0.5	< 2	1.68	10.5	12	12	60	2.56	< 10	1	0.13	10	0.59	445	13
AA3298	201	202	0.4	1.34	20	310	< 0.5	< 2	0.04	< 0.5	4	22	39	3.14	< 10	< 1	0.15	10	0.19	175	7
AA3299	201	202	10.6	4.86	40	1230	2.5	< 2	0.63	9.5	30	42	96	6.12	< 10	< 1	0.29	40	0.61	5270	89
AA3300	201	202	4.0	4.06	38	1360	2.0	< 2	0.64	4.0	18	47	68	4.98	< 10	< 1	0.29	20	0.83	1800	35
AA3301	201	202	0.2	2.09	2	610	0.5	< 2	0.73	1.5	13	34	40	3.61	< 10	< 1	0.18	10	0.90	6550	22
AA3302	201	202	0.6	1.54	26	740	0.5	< 2	0.55	2.0	12	28	79	3.05	< 10	< 1	0.22	20	0.69	415	7
AA3303	201	202	0.8	1.77	2	790	0.5	< 2	1.52	2.0	4	27	48	1.20	< 10	< 1	0.10	10	0.67	345	3
AA3304	201	202	0.8	2.19	10	860	0.5	< 2	0.63	1.5	7	34	26	1.67	< 10	< 1	0.21	10	0.60	125	3
AA3305	201	202	< 0.2	1.48	28	270	< 0.5	< 2	0.07	< 0.5	6	29	39	3.66	< 10	< 1	0.13	10	0.52	245	6
AA3306	201	202	< 0.2	0.79	20	190	< 0.5	< 2	0.04	< 0.5	5	15	29	2.81	< 10	< 1	0.09	10	0.17	160	9
AA3307	201	202	0.6	0.87	74	980	0.5	< 2	1.95	14.5	11	25	92	2.82	< 10	1	0.16	20	0.27	365	13
AA3308	201	202	0.6	2.46	28	1050	0.5	< 2	0.38	1.5	11	30	66	3.76	< 10	1	0.17	10	0.57	480	7
AA3309	201	202	0.2	1.38	24	420	< 0.5	< 2	0.30	1.5	17	26	92	4.06	< 10	< 1	0.11	20	0.59	540	10
AA3310	201	202	0.2	1.29	26	450	< 0.5	< 2	0.61	11.0	18	22	76	5.00	< 10	< 1	0.10	10	0.73	1175	11
AA3311	201	202	0.2	1.78	36	350	0.5	< 2	0.03	0.5	8	31	52	5.11	< 10	< 1	0.12	10	0.38	250	11
AA3312	201	202	1.6	1.39	44	1140	0.5	< 2	0.74	17.0	15	44	117	3.54	< 10	1	0.16	10	0.50	640	14
AA3313	201	202	0.6	2.08	10	1320	0.5	< 2	0.84	14.0	11	28	34	3.06	< 10	< 1	0.12	10	0.69	585	23
AA3314	201	202	0.6	1.27	6	270	< 0.5	< 2	1.13	3.0	4	16	22	1.98	< 10	< 1	0.10	< 10	0.39	160	3
AA3315	201	202	0.4	2.83	22	1390	1.0	< 2	0.36	1.5	12	38	59	3.95	< 10	1	0.30	10	0.60	510	7
AA3316	201	202	0.2	2.22	10	790	0.5	< 2	0.31	0.5	8	27	38	3.07	< 10	< 1	0.22	10	0.50	360	6
AA3317	201	202	0.6	1.77	8	810	0.5	< 2	0.84	0.5	7	22	27	2.43	< 10	< 1	0.17	10	0.41	440	8
AA3318	201	202	1.0	1.88	26	670	0.5	< 2	0.76	3.0	22	26	70	4.19	< 10	2	0.18	10	0.59	1005	17
AA3319	201	202	0.6	2.40	16	560	0.5	< 2	0.24	0.5	5	34	49	3.27	< 10	< 1	0.14	10	0.76	240	6
AA3320	201	202	< 0.2	1.30	12	290	< 0.5	< 2	0.02	< 0.5	3	19	21	2.45	< 10	< 1	0.10	10	0.24	135	5
AA3321	201	202	1.0	1.98	10	800	0.5	< 2	0.73	2.5	8	33	21	3.10	< 10	< 1	0.14	10	0.76	290	12
AA3322	201	202	0.2	2.61	12	260	0.5	< 2	0.14	0.5	4	68	24	3.71	10	1	0.12	10	0.88	220	6
AA3323	201	202	0.2	1.73	10	460	< 0.5	< 2	0.46	0.5	3	21	11	2.27	< 10	< 1	0.12	10	0.44	335	6
AA3324	201	202	< 0.2	1.45	16	900	< 0.5	< 2	0.31	0.5	5	21	31	2.27	< 10	< 1	0.15	10	0.25	415	8
AA3325	201	202	1.6	3.21	28	1590	1.5	< 2	0.44	3.0	13	43	109	4.50	< 10	< 1	0.35	20	0.80	560	15
AA3326	201	202	< 0.2	0.85	22	340	< 0.5	< 2	0.06	0.5	6	15	44	2.76	< 10	< 1	0.12	10	0.11	485	13
AA3327	201	202	0.2	1.09	8	210	0.5	< 2	0.03	0.5	11	14	51	2.92	< 10	< 1	0.12	10	0.17	425	5
AA3328	201	202	< 0.2	1.57	28	320	< 0.5	< 2	0.03	< 0.5	6	26	41	3.67	< 10	< 1	0.13	10	0.25	115	5
AA3329	201	202	< 0.2	1.30	20	310	< 0.5	< 2	0.02	< 0.5	6	24	34	3.46	< 10	< 1	0.13	10	0.21	245	4
AA3330	201	202	< 0.2	1.05	12	250	< 0.5	< 2	0.04	< 0.5	5	15	23	2.39	< 10	< 1	0.10	10	0.14	210	4
AA3331	201	202	< 0.2	1.55	28	390	< 0.5	< 2	0.28	1.5	15	27	59	4.15	< 10	< 1	0.15	10	0.50	465	8
AA3332	201	202	0.2	0.78	24	580	< 0.5	< 2	0.03	0.5	5	24	50	2.40	< 10	< 1	0.10	10	0.06	70	17

CERTIFICATION: Hart Biddle

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SAMPLE	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
AA3293	201	202	0.01	47	1460	14	6	< 1	33	< 0.01	< 10	< 10	39	< 10	150
AA3294	201	202	< 0.01	27	2360	14	< 2	1	45	< 0.01	< 10	< 10	69	< 10	154
AA3295	201	202	0.01	302	6820	20	40	10	163	< 0.01	< 10	10	935	< 10	1370
AA3296	201	202	0.01	127	5110	16	4	4	81	< 0.01	< 10	< 10	119	< 10	1290
AA3297	201	202	< 0.01	104	2710	12	8	4	67	< 0.01	< 10	< 10	79	< 10	906
AA3298	201	202	0.01	25	2250	14	< 2	< 1	24	< 0.01	< 10	< 10	81	< 10	154
AA3299	201	202	0.01	83	5950	14	6	9	59	0.03	< 10	60	131	< 10	472
AA3300	201	202	0.01	58	3970	16	< 2	4	55	0.02	< 10	20	135	< 10	432
AA3301	201	202	0.03	41	1480	4	< 2	4	53	0.03	< 10	< 10	89	< 10	372
AA3302	201	202	0.01	52	1570	14	< 2	4	54	0.04	< 10	< 10	86	< 10	268
AA3303	201	202	0.01	27	1820	6	< 2	3	70	0.01	< 10	30	72	< 10	110
AA3304	201	202	0.01	23	1500	8	< 2	4	49	< 0.01	< 10	< 10	99	< 10	136
AA3305	201	202	< 0.01	27	1400	14	2	< 1	24	0.01	< 10	< 10	92	< 10	160
AA3306	201	202	< 0.01	25	1330	14	2	< 1	21	< 0.01	< 10	< 10	68	< 10	158
AA3307	201	202	< 0.01	121	7260	16	8	3	153	< 0.01	< 10	< 10	185	< 10	1390
AA3308	201	202	0.01	42	2660	16	2	3	65	0.01	< 10	< 10	85	< 10	320
AA3309	201	202	< 0.01	57	1740	18	6	3	48	< 0.01	< 10	< 10	67	< 10	298
AA3310	201	202	< 0.01	104	1540	10	< 2	5	55	< 0.01	< 10	< 10	56	< 10	794
AA3311	201	202	< 0.01	39	1930	16	< 2	< 1	23	< 0.01	< 10	< 10	97	< 10	250
AA3312	201	202	0.01	139	2700	14	8	3	69	< 0.01	< 10	< 10	381	< 10	1560
AA3313	201	202	0.01	96	2080	10	< 2	4	52	< 0.01	< 10	20	86	< 10	1770
AA3314	201	202	0.03	22	1730	6	< 2	1	53	0.03	< 10	< 10	59	< 10	158
AA3315	201	202	0.01	50	2340	14	8	2	33	0.01	< 10	< 10	121	< 10	328
AA3316	201	202	0.01	32	2380	10	2	1	32	0.01	< 10	< 10	94	< 10	190
AA3317	201	202	0.01	27	3210	10	< 2	1	52	< 0.01	< 10	< 10	83	< 10	194
AA3318	201	202	0.01	49	2150	16	2	4	52	0.01	< 10	< 10	99	< 10	294
AA3319	201	202	< 0.01	30	970	8	2	2	22	0.04	< 10	< 10	83	< 10	224
AA3320	201	202	< 0.01	16	1180	8	< 2	< 1	11	< 0.01	< 10	< 10	68	< 10	88
AA3321	201	202	0.01	20	1130	6	< 2	4	37	0.03	< 10	10	68	< 10	236
AA3322	201	202	< 0.01	19	950	6	< 2	3	9	0.10	< 10	< 10	98	< 10	176
AA3323	201	202	0.01	12	1990	8	< 2	< 1	35	0.01	< 10	< 10	66	< 10	142
AA3324	201	202	0.01	24	2460	8	2	< 1	37	< 0.01	< 10	< 10	99	< 10	162
AA3325	201	202	0.01	89	2750	14	2	6	43	0.01	< 10	< 10	150	< 10	534
AA3326	201	202	< 0.01	39	1460	16	4	< 1	23	< 0.01	< 10	< 10	70	< 10	228
AA3327	201	202	0.01	39	1220	12	4	< 1	8	< 0.01	< 10	< 10	48	< 10	204
AA3328	201	202	< 0.01	32	1430	12	< 2	< 1	12	< 0.01	< 10	< 10	92	< 10	172
AA3329	201	202	< 0.01	28	1530	14	2	< 1	12	< 0.01	< 10	< 10	75	< 10	156
AA3330	201	202	0.01	17	1440	10	< 2	< 1	13	< 0.01	< 10	< 10	56	< 10	106
AA3331	201	202	< 0.01	42	2360	12	6	1	43	< 0.01	< 10	< 10	96	< 10	326
AA3332	201	202	< 0.01	49	1730	14	6	< 1	34	< 0.01	< 10	< 10	173	< 10	316

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SAMPLE	PREP CODE		Ag ppm	Al %	As 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 %	Mn ppm	Mo ppm
RA3333	201	202	< 0.2	0.93	16	630	< 0.5	< 2	0.09	0.5	6	19	37	2.88	< 10	< 1	0.07	10	0.07	80	13
RA3334	201	202	< 0.2	0.94	144	150	< 0.5	< 2	0.01	< 0.5	8	9	49	3.85	< 10	< 1	0.07	10	0.06	175	4
RA3335	201	202	< 0.2	0.90	16	340	< 0.5	< 2	0.01	< 0.5	10	12	44	3.45	< 10	< 1	0.10	10	0.08	140	8
RA3336	201	202	< 0.2	1.19	10	190	< 0.5	< 2	0.03	< 0.5	7	19	29	3.25	< 10	< 1	0.16	10	0.23	320	4
RA3337	201	202	0.2	1.23	14	320	< 0.5	< 2	0.01	< 0.5	6	16	47	2.49	< 10	< 1	0.15	10	0.12	165	8
RA3338	201	202	0.2	1.52	14	300	< 0.5	2	0.10	< 0.5	9	27	33	3.23	< 10	< 1	0.15	10	0.43	710	7
RA3339	201	202	0.4	2.20	26	670	1.0	2	0.13	1.5	12	28	37	2.93	< 10	< 1	0.15	10	0.45	580	7
RA3340	201	202	2.0	3.09	8	860	1.0	< 2	0.87	1.5	10	31	40	3.10	< 10	< 1	0.30	10	0.65	490	1
RA3341	201	202	0.6	0.82	30	2110	< 0.5	< 2	0.03	1.5	5	28	39	2.31	< 10	< 1	0.07	< 10	0.04	235	18
RA3342	201	202	2.0	1.45	72	380	< 0.5	< 2	0.01	1.0	8	35	109	6.53	< 10	< 1	0.36	10	0.22	185	40
RA3343	201	202	1.4	1.23	90	1500	< 0.5	< 2	0.02	0.5	6	26	75	4.17	< 10	< 1	0.12	10	0.06	110	136
RA3344	201	202	0.8	0.93	38	770	< 0.5	< 2	0.11	0.5	5	24	42	2.84	< 10	< 1	0.15	10	0.06	75	24
RA3345	201	202	0.6	0.91	20	460	< 0.5	< 2	0.04	0.5	9	18	51	2.45	< 10	< 1	0.11	10	0.07	605	12
RA3346	201	202	2.0	0.84	28	290	0.5	< 2	0.09	1.5	6	56	72	2.41	< 10	< 1	0.08	10	0.06	230	25
RA3347	201	202	0.8	0.66	38	640	< 0.5	< 2	0.04	< 0.5	5	8	55	2.85	< 10	< 1	0.08	< 10	0.04	50	9
RA3348	201	202	0.2	0.72	28	140	< 0.5	< 2	0.01	< 0.5	6	7	39	2.14	< 10	< 1	0.06	10	0.09	265	3
RA3349	201	202	0.6	0.52	68	200	0.5	< 2	0.07	0.5	9	7	59	2.31	< 10	< 1	0.08	< 10	0.05	365	7
RA3350	201	202	1.2	1.19	84	520	0.5	< 2	0.03	1.5	24	12	223	6.41	< 10	< 1	0.08	10	0.13	605	13
RA3351	201	202	5.8	0.31	134	2220	< 0.5	< 2	0.04	3.5	4	15	36	2.78	< 10	1	0.07	20	0.03	85	53
RA3352	201	202	0.8	0.67	70	340	< 0.5	< 2	0.01	0.5	6	15	51	2.86	< 10	< 1	0.10	10	0.04	60	21
RA3353	201	202	1.2	0.70	46	940	< 0.5	< 2	0.03	0.5	5	21	51	2.75	< 10	< 1	0.16	10	0.08	45	33
RA3354	201	202	0.4	0.93	40	370	< 0.5	< 2	0.05	0.5	5	22	39	2.64	< 10	< 1	0.09	10	0.05	165	22
RA3355	201	202	1.2	1.24	94	1180	0.5	< 2	0.45	10.5	18	32	72	3.24	< 10	< 1	0.13	20	0.14	615	26
RA3356	201	202	0.6	1.15	20	1400	0.5	< 2	0.35	2.5	6	20	22	1.53	< 10	< 1	0.09	10	0.24	90	9
RA3357	201	202	0.4	1.49	40	1510	< 0.5	< 2	0.18	1.5	10	30	41	3.82	< 10	< 1	0.09	10	0.26	175	19
RA3358	201	202	0.8	1.98	34	1840	0.5	< 2	0.23	4.5	17	33	54	3.20	< 10	< 1	0.08	20	0.31	415	11
RA3359	201	202	0.8	1.51	56	1620	1.0	< 2	0.57	4.5	17	25	70	3.68	< 10	< 1	0.13	20	0.34	540	15
RA3360	201	202	0.4	0.52	86	800	< 0.5	< 2	< 0.01	< 0.5	7	11	45	2.72	< 10	< 1	0.12	10	0.05	50	29
RA3361	201	202	0.2	0.80	48	790	0.5	< 2	0.08	0.5	12	13	52	3.93	< 10	< 1	0.12	20	0.13	160	39
RA3362	201	202	0.2	0.66	52	1510	< 0.5	< 2	0.01	< 0.5	7	10	47	2.82	< 10	< 1	0.10	10	0.06	50	26
RA3363	201	202	< 0.2	0.80	28	360	< 0.5	< 2	0.01	< 0.5	5	11	30	2.06	< 10	< 1	0.11	20	0.08	55	14
RA3364	201	202	0.2	1.13	28	480	< 0.5	< 2	0.04	0.5	5	17	26	2.24	< 10	< 1	0.15	10	0.22	65	8
RA3365	201	202	< 0.2	1.13	38	470	< 0.5	< 2	0.02	< 0.5	6	15	33	2.59	< 10	< 1	0.18	20	0.14	135	12
RA3366	201	202	0.2	1.44	26	300	0.5	< 2	0.03	0.5	13	13	75	3.37	< 10	< 1	0.12	30	0.13	75	29
RA3367	201	202	< 0.2	1.11	8	450	< 0.5	< 2	0.01	0.5	11	10	47	4.11	< 10	1	0.12	20	0.13	100	7
RA3368	201	202	1.4	1.19	28	1280	0.5	< 2	0.82	1.0	10	16	57	2.96	< 10	< 1	0.21	20	0.26	270	7
RA3369	201	202	0.8	0.72	40	520	< 0.5	< 2	0.01	0.5	7	14	56	3.04	< 10	< 1	0.13	20	0.07	85	22
RA3370	201	202	1.0	1.66	6	1170	< 0.5	< 2	0.22	0.5	3	18	20	1.43	< 10	< 1	0.11	20	0.17	40	4
RA3371	201	202	< 0.2	0.86	16	290	< 0.5	< 2	0.06	0.5	4	15	25	1.75	< 10	< 1	0.11	20	0.13	85	8
RA3372	201	202	1.6	0.64	96	710	< 0.5	< 2	0.01	< 0.5	1	9	65	7.38	< 10	< 1	0.29	10	0.05	25	20

CERTIFICATION: Stewart Bidlake

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To: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project : NR-BURE
Comments:

Certificate Date: 08-AUG-98
Invoice No. : I9826564
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS A9826564

SAMPLE	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
RA3333	201	202	< 0.01	60	1720	16	2	< 1	26	< 0.01	< 10	< 10	113	< 10	320
RA3334	201	202	< 0.01	33	1080	10	2	< 1	10	< 0.01	< 10	< 10	53	< 10	220
RA3335	201	202	< 0.01	48	1840	16	2	< 1	11	< 0.01	< 10	< 10	69	< 10	256
RA3336	201	202	< 0.01	28	950	8	4	< 1	9	0.01	< 10	< 10	64	< 10	178
RA3337	201	202	< 0.01	35	1650	10	2	< 1	12	< 0.01	< 10	< 10	68	< 10	190
RA3338	201	202	< 0.01	27	1430	16	< 2	< 1	17	0.01	< 10	< 10	87	< 10	182
RA3339	201	202	< 0.01	32	2350	14	2	< 1	23	0.01	< 10	< 10	80	< 10	264
RA3340	201	202	0.01	25	3350	18	< 2	5	55	0.01	< 10	10	108	< 10	180
RA3341	201	202	< 0.01	61	1860	18	10	< 1	75	< 0.01	< 10	< 10	207	< 10	432
RA3342	201	202	0.01	43	2270	34	22	11	76	0.03	< 10	< 10	222	< 10	418
RA3343	201	202	< 0.01	78	1560	30	26	< 1	39	< 0.01	< 10	< 10	508	< 10	608
RA3344	201	202	< 0.01	38	3040	132	10	< 1	52	< 0.01	< 10	< 10	218	< 10	276
RA3345	201	202	0.01	44	1870	20	2	< 1	26	< 0.01	< 10	< 10	140	< 10	292
RA3346	201	202	< 0.01	124	2580	20	16	< 1	50	< 0.01	< 10	< 10	377	< 10	708
RA3347	201	202	< 0.01	26	1390	16	8	< 1	50	< 0.01	< 10	< 10	60	< 10	204
RA3348	201	202	< 0.01	22	900	26	< 2	< 1	19	< 0.01	< 10	< 10	27	< 10	128
RA3349	201	202	< 0.01	42	1160	26	6	1	42	< 0.01	< 10	< 10	47	< 10	160
RA3350	201	202	< 0.01	84	2110	32	6	4	38	< 0.01	< 10	< 10	49	< 10	492
RA3351	201	202	< 0.01	49	560	38	42	1	53	< 0.01	< 10	< 10	273	< 10	358
RA3352	201	202	< 0.01	40	2090	50	10	< 1	38	< 0.01	< 10	< 10	149	< 10	294
RA3353	201	202	< 0.01	52	1850	60	10	< 1	90	< 0.01	< 10	< 10	228	< 10	364
RA3354	201	202	0.01	53	2130	30	8	< 1	44	< 0.01	< 10	< 10	229	< 10	336
RA3355	201	202	< 0.01	201	3240	24	16	4	67	< 0.01	< 10	10	353	< 10	1170
RA3356	201	202	< 0.01	45	2380	68	< 2	1	42	< 0.01	< 10	< 10	115	< 10	508
RA3357	201	202	< 0.01	66	2710	80	10	< 1	57	< 0.01	< 10	< 10	171	< 10	494
RA3358	201	202	< 0.01	149	2440	16	6	3	48	< 0.01	< 10	< 10	141	< 10	1160
RA3359	201	202	< 0.01	89	3580	44	8	4	68	< 0.01	< 10	10	142	< 10	588
RA3360	201	202	< 0.01	72	1520	64	10	< 1	38	< 0.01	< 10	< 10	93	< 10	474
RA3361	201	202	< 0.01	111	2070	36	8	1	21	< 0.01	< 10	< 10	78	< 10	348
RA3362	201	202	< 0.01	60	1850	20	6	< 1	16	< 0.01	< 10	< 10	88	< 10	440
RA3363	201	202	< 0.01	35	1520	18	2	< 1	15	< 0.01	< 10	< 10	79	< 10	226
RA3364	201	202	0.01	27	1590	16	2	< 1	18	< 0.01	< 10	< 10	77	< 10	178
RA3365	201	202	< 0.01	37	1530	30	< 2	< 1	23	< 0.01	< 10	< 10	97	< 10	260
RA3366	201	202	< 0.01	137	700	20	2	1	9	< 0.01	< 10	< 10	125	< 10	1360
RA3367	201	202	< 0.01	50	980	32	< 2	2	9	< 0.01	< 10	< 10	32	< 10	186
RA3368	201	202	0.01	57	2250	24	2	3	66	< 0.01	< 10	< 10	60	< 10	298
RA3369	201	202	< 0.01	54	1170	36	6	< 1	35	< 0.01	< 10	< 10	127	< 10	348
RA3370	201	202	< 0.01	15	1210	12	< 2	1	33	< 0.01	< 10	< 10	73	< 10	118
RA3371	201	202	< 0.01	22	1370	14	< 2	< 1	20	< 0.01	< 10	< 10	74	< 10	150
RA3372	201	202	0.01	9	2130	100	8	< 1	34	< 0.01	< 10	< 10	73	< 10	96

CERTIFICATION: Ian Bradley

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To: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project : NR-BURE
Comments:

Certificate Date: 08-AUG-98
Invoice No. : 19826564
P.O. Number :
Account :MPO

CERTIFICATE OF ANALYSIS A9826564

SAMPLE	PREP CODE		Ag ppm	Al %	As 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 %	Mn ppm	Mo ppm
RA3373	201	202	0.2	0.91	28	780	< 0.5	< 2	0.03	< 0.5	3	13	42	2.27	< 10	< 1	0.14	10	0.08	60	15
RA3374	201	202	0.6	1.09	22	1760	< 0.5	< 2	0.44	7.5	8	16	57	2.02	< 10	< 1	0.14	20	0.29	180	15
RA3375	201	202	1.2	0.92	12	290	< 0.5	< 2	0.23	0.5	1	15	18	1.22	< 10	< 1	0.08	10	0.11	70	4
RA3376	201	202	0.6	0.72	16	240	< 0.5	< 2	0.01	0.5	4	8	27	1.41	< 10	< 1	0.11	20	0.11	35	14
RA3377	201	202	0.8	1.61	20	920	0.5	< 2	0.39	2.5	7	25	93	2.63	< 10	< 1	0.16	20	0.54	220	8
RA3378	201	202	1.0	0.68	36	1130	0.5	< 2	1.28	10.0	12	13	76	2.71	< 10	< 1	0.16	10	0.55	330	17
RA3379	201	202	1.0	0.72	38	1240	0.5	< 2	1.32	11.0	13	14	80	2.86	< 10	< 1	0.19	20	0.56	330	19
RA3380	201	202	1.2	0.81	40	1110	0.5	< 2	1.01	6.5	11	17	86	3.13	< 10	< 1	0.20	20	0.40	195	20
RA3381	201	202	1.4	0.85	44	970	0.5	< 2	0.91	11.0	12	15	89	3.50	< 10	< 1	0.23	30	0.31	310	21
RA3382	201	202	1.2	0.80	60	1220	0.5	< 2	1.22	16.5	11	25	89	2.47	< 10	< 1	0.25	10	0.38	260	28
RA3383	201	202	1.6	0.83	72	1420	1.0	< 2	1.27	16.5	11	28	98	2.65	< 10	< 1	0.27	20	0.37	245	35
RA3384	201	202	1.4	0.94	72	1300	1.0	< 2	1.48	18.5	11	32	106	2.74	< 10	< 1	0.31	20	0.54	270	36
RA3385	201	202	1.0	0.80	36	1620	0.5	< 2	1.58	19.0	10	30	81	2.41	< 10	< 1	0.17	10	0.69	240	21
RA3386	201	202	0.8	0.85	30	1830	0.5	< 2	0.65	11.5	9	20	73	2.66	< 10	< 1	0.16	10	0.23	260	16
RA3387	201	202	1.2	0.99	26	1080	0.5	< 2	0.67	2.5	10	18	43	2.72	< 10	< 1	0.14	20	0.28	240	7
RA3388	201	202	1.4	0.69	42	910	0.5	< 2	1.02	8.5	14	17	81	2.58	< 10	< 1	0.15	10	0.39	580	22
RA3389	201	202	1.6	0.68	48	780	0.5	< 2	1.09	8.5	13	17	97	2.79	< 10	< 1	0.16	10	0.38	580	23
RA3390	201	202	1.2	0.58	46	1540	0.5	< 2	1.03	7.5	13	16	74	2.39	< 10	< 1	0.14	10	0.29	535	19
RA3391	201	202	1.4	0.60	48	1290	0.5	< 2	0.96	7.5	13	17	79	2.42	< 10	< 1	0.16	10	0.31	560	21
RA3392	201	202	1.6	0.79	62	570	0.5	< 2	0.91	6.5	15	23	94	2.60	< 10	< 1	0.24	20	0.36	465	22
RA3393	201	202	1.8	0.98	74	720	1.0	< 2	1.01	8.5	16	29	134	3.28	< 10	< 1	0.28	20	0.34	490	27
RA3394	201	202	2.0	0.72	48	500	1.0	< 2	0.99	7.0	14	28	111	2.54	< 10	< 1	0.26	20	0.29	310	26
RA3395	201	202	0.6	0.57	48	860	0.5	< 2	1.98	10.0	12	14	63	2.62	< 10	< 1	0.16	10	0.71	460	12
RA3396	201	202	0.2	1.25	24	910	< 0.5	< 2	0.48	6.5	18	25	71	3.65	< 10	< 1	0.16	20	0.58	850	8
RA3397	201	202	0.2	1.54	22	510	< 0.5	< 2	0.81	11.0	20	28	56	4.53	< 10	< 1	0.12	20	0.89	1675	10
RA3398	201	202	0.4	1.20	28	1610	0.5	< 2	0.45	6.0	16	23	79	3.65	< 10	< 1	0.15	10	0.47	425	6
RA3399	201	202	1.8	0.77	88	860	1.0	< 2	1.12	12.0	11	25	131	3.08	< 10	< 1	0.27	20	0.22	225	43
RA3400	201	202	0.6	0.84	130	1380	0.5	2	1.02	7.0	14	15	87	3.15	< 10	< 1	0.25	20	0.15	350	11
RA3401	201	202	0.8	0.65	28	1130	< 0.5	< 2	0.53	3.0	7	11	71	2.14	< 10	< 1	0.15	10	0.12	125	8
RA3402	201	202	0.8	0.97	44	1800	0.5	< 2	0.36	3.0	12	21	77	2.65	< 10	< 1	0.13	20	0.18	325	21

CERTIFICATION: Jan Bielle

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Page er :5-B
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CERTIFICATE OF ANALYSIS A9826564

SAMPLE	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
AA3373	201	202	< 0.01	22	1520	26	2	< 1	33	< 0.01	< 10	< 10	86	< 10	214
AA3374	201	202	< 0.01	61	2170	18	4	3	201	0.01	< 10	< 10	65	< 10	954
AA3375	201	202	0.01	11	1550	6	< 2	< 1	30	< 0.01	< 10	< 10	60	< 10	108
AA3376	201	202	< 0.01	25	840	12	4	< 1	9	< 0.01	< 10	< 10	83	< 10	340
AA3377	201	202	< 0.01	42	1760	14	2	3	59	0.01	< 10	< 10	100	< 10	392
AA3378	201	202	< 0.01	110	2020	28	6	4	83	< 0.01	< 10	< 10	96	< 10	1405
AA3379	201	202	< 0.01	115	2120	32	4	4	84	< 0.01	< 10	< 10	110	< 10	1450
AA3380	201	202	< 0.01	100	2250	48	8	4	81	< 0.01	< 10	< 10	136	< 10	1075
AA3381	201	202	< 0.01	123	2440	28	10	5	103	< 0.01	< 10	< 10	116	< 10	1670
AA3382	201	202	< 0.01	149	2870	62	12	4	72	< 0.01	< 10	< 10	241	< 10	2150
AA3383	201	202	< 0.01	147	3190	82	14	4	82	< 0.01	< 10	< 10	270	< 10	2100
AA3384	201	202	< 0.01	155	3410	70	14	5	90	< 0.01	< 10	< 10	307	< 10	2150
AA3385	201	202	< 0.01	184	2300	20	6	3	90	< 0.01	< 10	< 10	312	< 10	2650
AA3386	201	202	< 0.01	144	1910	22	6	3	65	0.01	< 10	< 10	210	< 10	1880
AA3387	201	202	< 0.01	63	1810	28	< 2	4	34	< 0.01	< 10	10	59	< 10	364
AA3388	201	202	< 0.01	129	2370	16	6	3	70	< 0.01	< 10	< 10	131	< 10	1420
AA3389	201	202	< 0.01	136	2640	18	8	4	84	< 0.01	< 10	< 10	121	< 10	1370
AA3390	201	202	< 0.01	119	3010	16	8	3	92	< 0.01	< 10	< 10	104	< 10	1155
AA3391	201	202	< 0.01	118	2680	14	8	4	82	< 0.01	< 10	< 10	119	< 10	1080
AA3392	201	202	< 0.01	126	2430	14	8	4	79	< 0.01	< 10	< 10	184	< 10	1175
AA3393	201	202	< 0.01	157	2760	20	10	5	82	< 0.01	< 10	10	226	< 10	1555
AA3394	201	202	< 0.01	144	2540	22	8	5	97	< 0.01	< 10	< 10	205	< 10	1245
AA3395	201	202	< 0.01	109	2900	18	6	4	75	< 0.01	< 10	< 10	87	< 10	998
AA3396	201	202	< 0.01	96	1370	14	2	4	50	< 0.01	< 10	< 10	58	< 10	668
AA3397	201	202	< 0.01	116	1780	12	2	4	74	< 0.01	< 10	< 10	48	< 10	998
AA3398	201	202	< 0.01	129	1640	16	2	4	48	< 0.01	< 10	< 10	106	< 10	360
AA3399	201	202	< 0.01	141	4150	186	22	5	96	< 0.01	< 10	10	253	< 10	1715
AA3400	201	202	< 0.01	101	3680	44	10	5	67	< 0.01	< 10	< 10	76	< 10	904
AA3401	201	202	< 0.01	73	1570	16	2	2	59	< 0.01	< 10	< 10	74	< 10	1540
AA3402	201	202	< 0.01	85	1960	22	6	3	46	< 0.01	< 10	< 10	166	< 10	536

CERTIFICATION: Hank Bielle

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: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project : NR-BURE
Comments:

Page Number : 1
Total Pages : 1
Certificate Date: 12-AUG-98
Invoice No. : I9827463
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS A9827463

SAMPLE	PREP CODE		Zn %
AA3419	244	--	3.31

OVERLIMITS from A9826783

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: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project : NR BURE
Comments:

Page Number : 1-A
Total Pages : 1
Certificate Date: 22-AUG-1998
Invoice No. : I9828177
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS A9828177

SAMPLE	PREP CODE		Ag ppm	Al %	As 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 %	Mn ppm	Mo ppm
BB30565	201	202	1.0	0.92	118	530	0.5	< 2	0.49	4.5	3	28	46	2.26	< 10	< 1	0.38	10	0.11	35	6

CERTIFICATION: Hawthorne

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: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

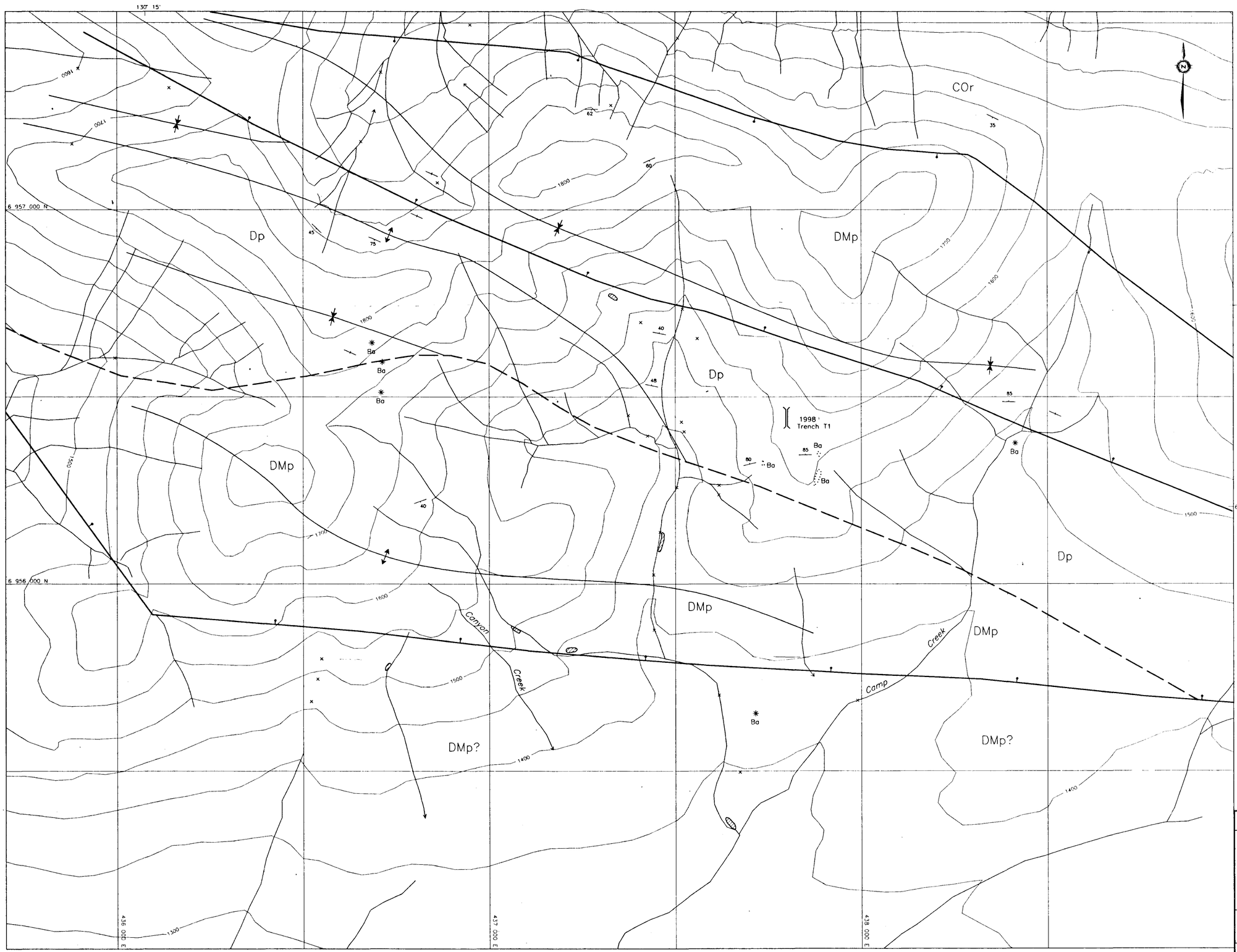
Project : NR BURE
Comments:

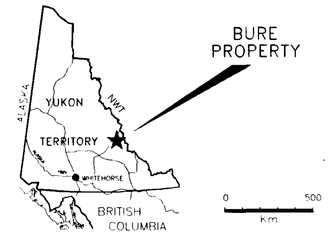
Page Number : 1-B
Total Pages : 1
Certificate Date: 22-AUG-1998
Invoice No. : I9828177
P.O. Number :
Account : MPO

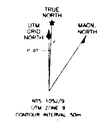
CERTIFICATE OF ANALYSIS A9828177

SAMPLE	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
BB30565	201	202	< 0.01	43	2580	16	8	3	67	< 0.01	< 10	< 10	59	< 10	366

CERTIFICATION: Hawthornthwaite







LEGEND

EARN GROUP

UPPER DEVONIAN TO MIDDLE MISSISSIPPIAN
Prevost Formation

DMp mudstone, siltstone, shale and localized conglomerate lenses

LOWER TO MIDDLE DEVONIAN
Portrait Lake Formation

Dp siliceous black shale, cherty argillite, barite

UPPER CAMBRIAN TO LOWER ORDOVICIAN
Rabbitkettle Formation

COr thin bedded fine crystalline limestone

× hydrozincite

Ba barite float, outcrop

zinc bearing travertine

normal fault (symbol on hanging wall)

geological contact (assumed)

fold axis

60 bedding attitude

093C64
DWG (1)

EXPATRIATE RESOURCES LTD.

FIGURE 4

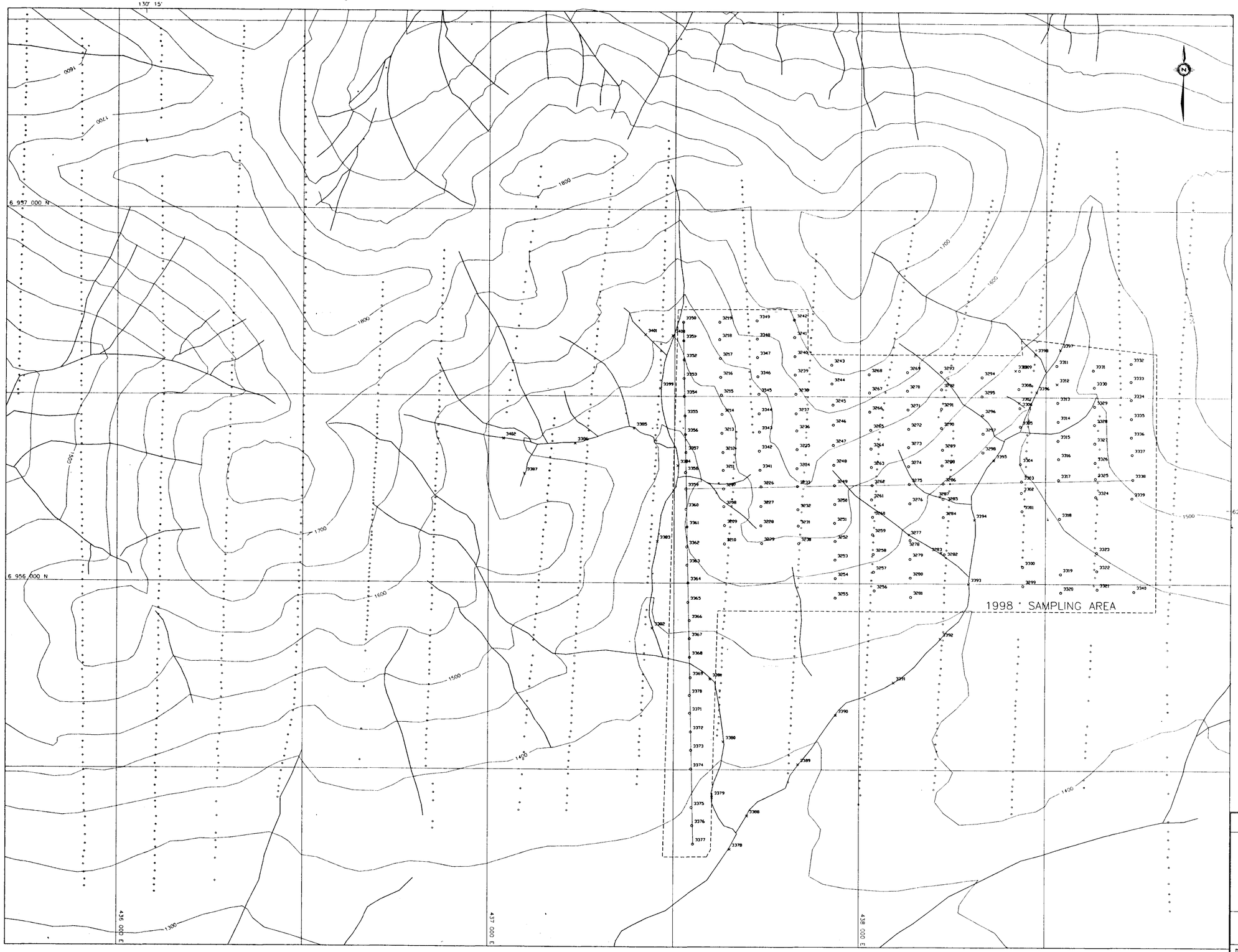
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

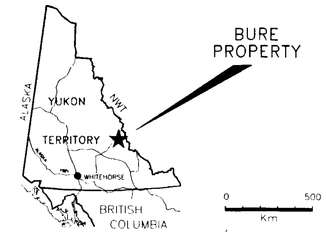
PROPERTY GEOLOGY

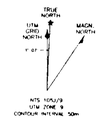
BURE PROPERTY

SCALE 1:5000
0 50 100 200 300 m

DRAWN/REVISED BY: AC	PROJECT: NR
FILE: NR\BURE\ACAD98\BU-5-GEO.DWG	DATE: APRIL, 1999







LEGEND

- 3335 1998 NR soil sample location with sample number (prefixed AA)
- 3391 1998 NR silt sample location with sample number (prefixed AA)
- 1977 Riocanex soil sample location

EXPATRIATE RESOURCES LTD.

FIGURE 5

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

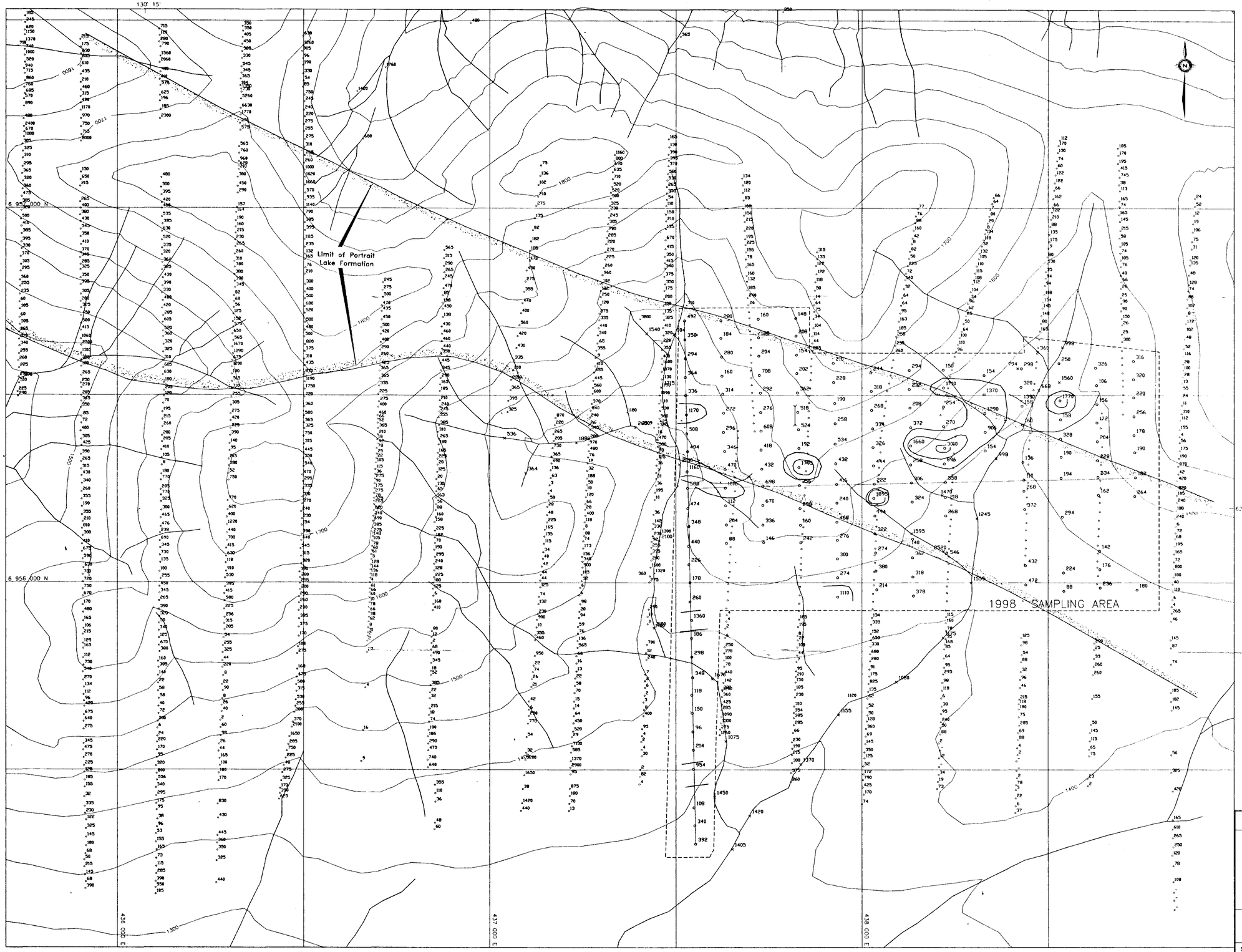
SAMPLE LOCATION 093C64

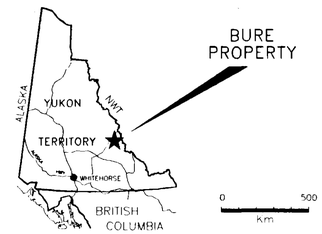
BURE PROPERTY Dwg (2)

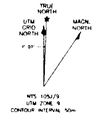
SCALE 1:5000

0 50 100 200 300 m

DRAWN/REVISED BY: AC/AG	PROJECT: NR
FILE: NR\BURE\ACAD98\BU-5K-SL.DWG	DATE: APRIL, 1999







^{1660} Soil sample with zinc value in ppm

^{1245} Silt sample with zinc value in ppm

Zinc contour intervals at 750, 1500, 3000 ppm (for 1998 samples)

All soil samples outside 1998 sampling area were taken in 1977 by Riocanex Inc.

EXPATRIATE RESOURCES LTD.

FIGURE 6

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

093964

ZINC GEOCHEMISTRY

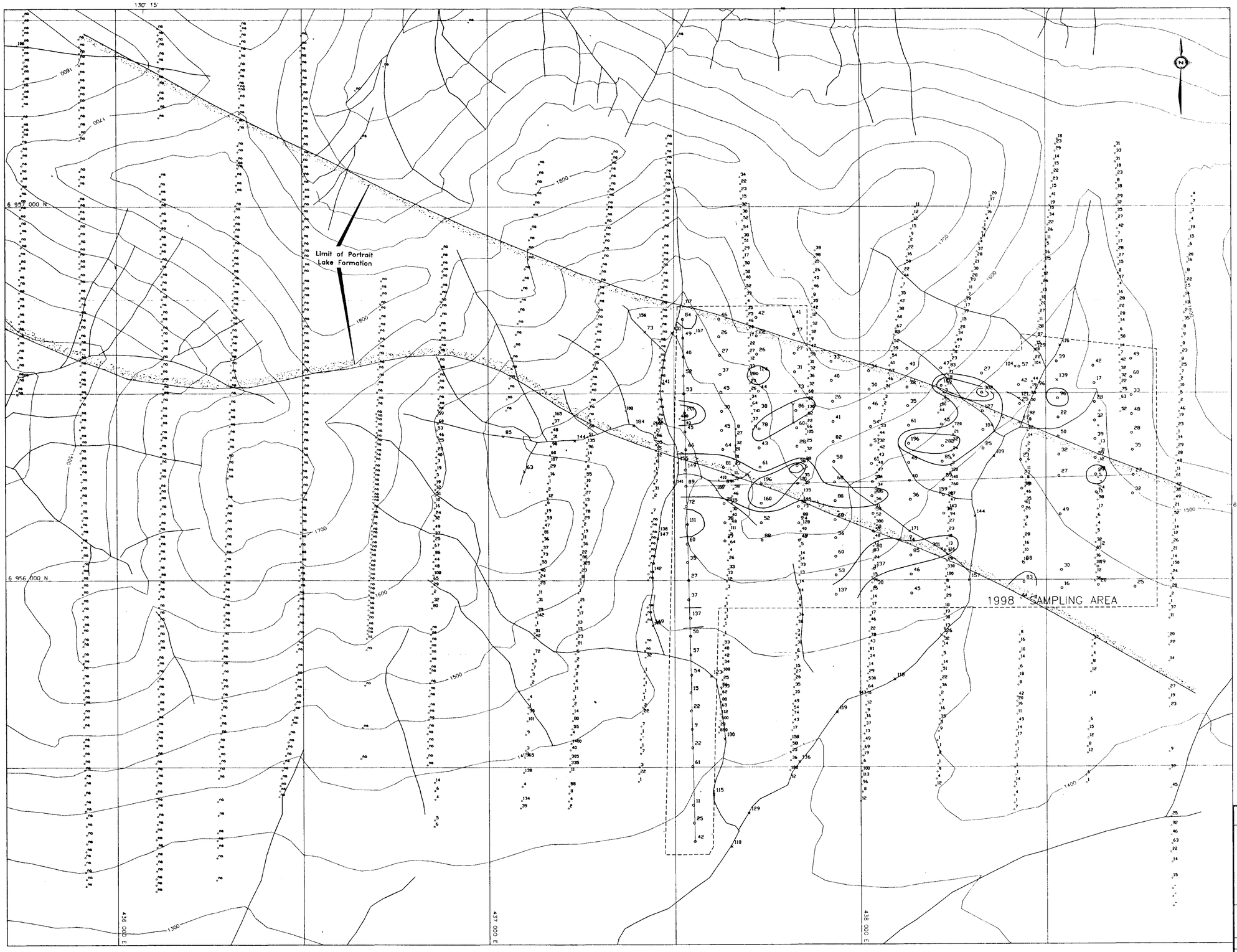
BURE PROPERTY

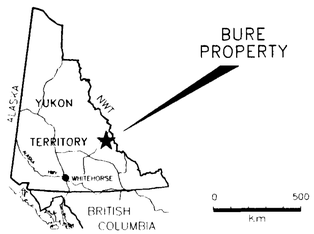
Dwg 2

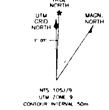
SCALE 1:5000

0 50 100 200 300 m

DRAWN/REVISED BY: AC/AG	PROJECT: NR
FILE: NR\BURE\ACAD98\BU-5K-SL.DWG	DATE: APRIL, 1999







205 Soil sample with nickel value in ppm

144 Silt sample with nickel value in ppm

Nickel contour intervals at 75, 150, 300 ppm (for 1998 samples)

All soil samples outside 1998 sampling area were taken in 1977 by Riocanex Inc.

EXPATRIATE RESOURCES LTD.

FIGURE 7

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

093964

NICKEL GEOCHEMISTRY

BURE PROPERTY

dwg (4)

SCALE 1:5000

0 50 100 200 300 m

DRAWN/REVISED BY: AC/AG	PROJECT: NR
FILE: NR\BURE\ACAD98\BU-5K-SL.DWG	DATE: APRIL, 1999

130° 15'

62° 44'

6 958 000 N

6 956 000 N

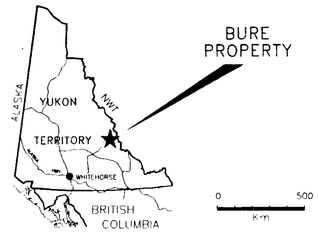
436 000 E

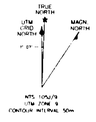
437 000 E

438 000 E

Limit of Portrait Lake Formation

1998 SAMPLING AREA





462 Soil sample with copper value in ppm

134 Silt sample with copper value in ppm

Copper contour intervals at 75, 150, 300 ppm (for 1998 samples)

All soil samples outside 1998 sampling area were taken in 1977 by Riocanex Inc.

EXPATRIATE RESOURCES LTD.

FIGURE 8

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED.

093C64

COPPER GEOCHEMISTRY

BURE PROPERTY Dwg (5)

SCALE 1:5000

0 50 100 200 300 m

DRAWN/REVISED BY: AC/AG	PROJECT: NR
FILE: NR\BURE\ACAD98\BU-5K-SL.DWG	DATE: APRIL, 1999

130° 15'

62° 44'

6 956 000 N

6 954 000 N

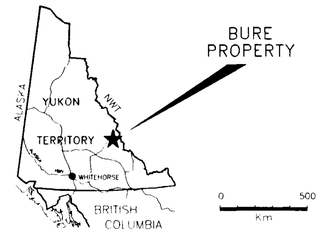
436 000 E

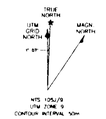
437 000 E

438 000 E

Limit of Portrait Lake Formation

1998 SAMPLING AREA





LEGEND

- Soil sample with silver value in ppm
- Silt sample with silver value in ppm

Silver contour intervals at 1.5, 3.0, 6.0 ppm (for 1998 samples)

All soil samples outside 1998 sampling area were taken in 1977 by Riocanex Inc.

EXPATRIATE RESOURCES LTD.

FIGURE 9

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

093964

SILVER GEOCHEMISTRY

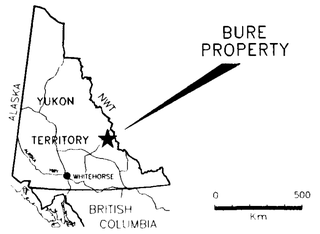
BURE PROPERTY

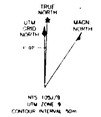
Dwg (6)

SCALE 1:5000

0 50 100 200 300 m

DRAWN/REVISED BY: AC/AG	PROJECT: NR
FILE: NR\BURE\ACAD98\BU-SK-SL.DWG	DATE: APRIL, 1999





°254 Soil sample with lead value in ppm

x16 Silt sample with lead value in ppm

Lead contour intervals at 100, 200, 400 ppm (for 1998 samples)

All soil samples outside 1998 sampling area were taken in 1977 by Riocanex Inc.

EXPATRIATE RESOURCES LTD.

FIGURE 10

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED 093E64

LEAD GEOCHEMISTRY

BURE PROPERTY DWG (7)

SCALE 1:5000

0 50 100 200 300 m

DRAWN/REVISED BY: AC/AG	PROJECT: NR
FILE: NR\BURE\ACAD98\BU-5K-SL.DWG	DATE: APRIL, 1999