

**GEOLOGICAL AND GEOCHEMICAL REPORTS  
FOR THE 1996 EXPLORATION  
on the  
MAMMOTH PROPERTY**

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**NELSON MINING DIVISION, B.C.  
NTS 82F/6**

for

**ROSSMIN EXPLORATIONS LTD  
302 608 7th St SW  
Calgary Alberta T2P 2Z2**

by

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for

**KAMLOOPS GEOLOGICAL SERVICES LTD.  
January 30, 1997  
and**

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Geologist  
Rossland B.C.  
January 6, 1997

**GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT**

*R.C. Wells, P.Geo, FGAC, Kamloops Geological Services Ltd.*

1 of 3

25,144

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BY D.M.WEHRLE B.Sc.

UNDER SEPERATE  
COVER  
*Wave At*

*R.C.Wells, P.Geo, FGAC, Kamloops Geological Services Ltd.*

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## 1.0 INTRODUCTION

This is a geological and geochemical report on the Mammoth Property (the property) located between Nelson and Salmo, British Columbia. It was made at the request of Rossmine Explorations Ltd. based in Calgary, Alberta and documents 1996 surface exploration in the central part of the property. In its present form the report can also satisfy the requirements for a technical assessment document in British Columbia.

The property lies within a northerly trending belt of well mineralized (gold, silver and base metals) Rossland Group volcanic and sedimentary rocks. Much of the previous exploration on the property dating back to the early 1900's has been around the Mammoth Occurrence which is a skarn type zone with copper-gold and minor silver, molybdenum mineralization. A limited amount of modern exploration has been conducted on this and other high potential gold environments on the property. Recent geophysical and geochemical surveys by CME Consulting Ltd for Golden Mammoth Resources Ltd (1991-1992) generated three target areas to the south and east of the Mammoth workings. These do not appear to have been drill tested outside of the workings area.

Rossmine optioned the Mammoth property from Eric and Jack Denny and H. Sanders in September 1996. An exploration program consisting of geological mapping, grid preparation and soil geochemistry took place on the 1992 grid area (and to the south) in the central southern part of the property during late September and October 1996. This program was under the direction of the author and Rossmine. The geological mapping and sampling was by D. Wehrle and subject to a report titled Report on Field Geology Investigation on the Mammoth Property, Southeastern B.C. (D. Wehrle, January 6, 1997). This report is included in its entirety in Appendix 2.



|  |               |                 |
|--|---------------|-----------------|
| <b>ROSSMIN EXPLORATIONS LTD.</b><br>MAMMOTH PROPERTY |               |                 |
| <b>PROPERTY LOCATION</b>                             |               |                 |
| KAMLOOPS GEOLOGICAL SERVICES LTD.                    |               |                 |
| DATE October 1996                                    | NTS: 82F / 3W | FIGURE <b>1</b> |

## 2.0 LOCATION, ACCESS AND PROPERTY

The property is located between Hall and Barrett creeks, west of Highway 6, 15 kilometres south of Nelson, British Columbia (Figures 1 and 3). The claims fall entirely within the Nelson Mining Division on the west half of NTS Map 82F/6.

36 mineral claims totalling approximately 70 units constitute the Mammoth option. Rossmin Exploration Ltd. has an option to earn 100% interest in the property subject to a 2% NSR royalty to the vendors (E. and J. Denny, H. Sanders). A claim map (Figure 2) and two claim information tables (Tables 1 and 2) are included for reference. These claims with variably wooded, generally steep slopes between 850 and 1800 metres elevation straddle the easterly trending ridge between Hall and Barrett creeks. Good road access is possible to the southern and northern parts of the property from the Barrett and Hall creek logging roads (respectively). Rossmin recently graded the Mammoth/ Lost Lake road to permit better access to the Mammoth grid in the central part of the property. 26 new claims called PR (59 units total) have been staked (by Rossmin) to cover part of the gap between the optioned claim group (the property) and the Stewart property to the south as well as any open ground immediately around the Porto Rico and Spotted Horse mine workings (Figure 2 and 3). 27 of these claim units fall within the option agreement area of interest, 28 units adjacent to Stewart are 100% owned by Rossmin.

## 3.0 PREVIOUS WORK

The Mammoth property has a long exploration history dating back to the early 1900's, the majority of the work however, was completed in two periods: 1917 to 1940, and post 1967. Early work before 1940 was poorly documented and consisted of limited development on showings including several adits, open cuts and a 40 foot shaft (1917). The Mammoth Cu-Mo-Au (copper-molybdenum-gold) workings in the central area (8 reverted crown grants) and Keno 9 workings to the north (polymetallic quartz veins with gold including the Alice and Romance) are from this period. Gold at 2.99 g/t and 1.5% copper was reported over 8.2 metres from an open cut on the Mammoth claims (1920 ARMM).

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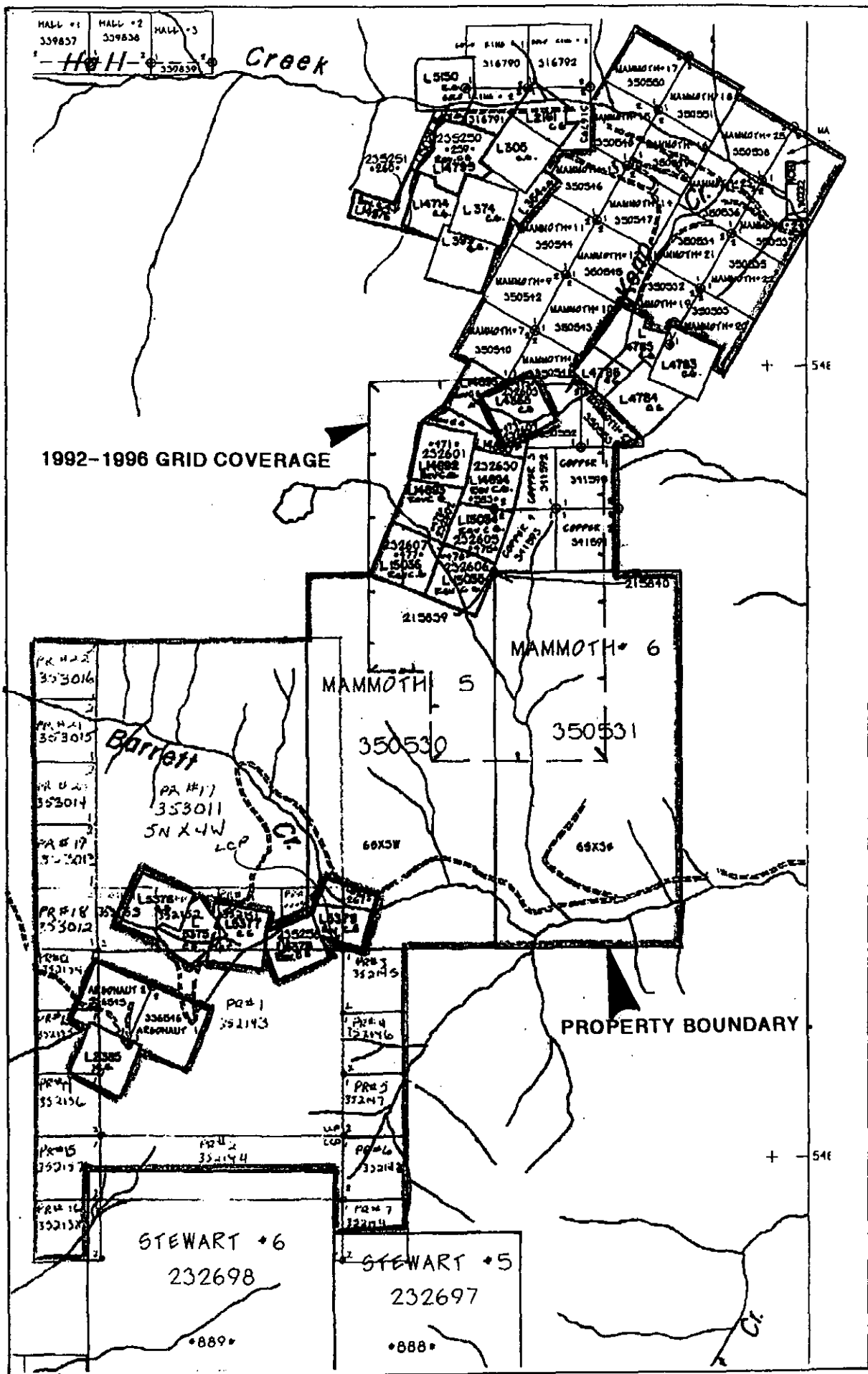


FIGURE 2: CLAIM MAP FOR PROPERTY AREA

TABLE 1: MAMMOTH PROJECT, CLAIM INFORMATION

| Claim Name              | Units | Tenure No. | Current Expiry Date |
|-------------------------|-------|------------|---------------------|
| TNT L 14695             | 1     | 232603     | July 7, 1998        |
| TNT FR 14880            | 1     | 232604     | " "                 |
| MAMMOTH FRACTION LI5034 | 1     | 232605     | " "                 |
| MAMMOTH NO. 4 LI5035    | 1     | 232606     | " "                 |
| MAMMOTH NO. 3 LI5036    | 1     | 232607     | " "                 |
| MAMMOTH NO.2 L14694     | 1     | 232630     | March 13, 1998      |
| MAMMOTH L.14692         | 1     | 232601     | July 7, 1998        |
| MAMMOTH NO.1 L14693     | 1     | 232602     | " "                 |
| COPPER 1                | 1     | 341590     | Oct. 30, 1997       |
| COPPER 2                | 1     | 341591     | " "                 |
| COPPER 3                | 1     | 341592     | " "                 |
| COPPER 4                | 1     | 341593     | " "                 |
| MAMMOTH 5               | 18    | 350530     | Sept. 13, 1997      |
| MAMMOTH 6               | 18    | 350531     | " "                 |
| MAMMOTH 7               | 1     | 350540     | " "                 |
| MAMMOTH 8               | 1     | 350541     | " "                 |
| MAMMOTH 9               | 1     | 350542     | " "                 |
| MAMMOTH 10              | 1     | 350543     | " "                 |
| MAMMOTH 11              | 1     | 350544     | " "                 |
| MAMMOTH 12              | 1     | 350545     | " "                 |
| MAMMOTH 13              | 1     | 350546     | " "                 |
| MAMMOTH 14              | 1     | 350547     | " "                 |
| MAMMOTH 15              | 1     | 350548     | " "                 |
| MAMMOTH 16              | 1     | 350549     | " "                 |
| MAMMOTH 17              | 1     | 350550     | " "                 |
| MAMMOTH 18              | 1     | 350551     | " "                 |
| MAMMOTH 19              | 1     | 350532     | Oct. 29, 1997       |
| MAMMOTH 20              | 1     | 350533     | Sept. 12, 1997      |
| MAMMOTH 21              | 1     | 350534     | " "                 |
| MAMMOTH 22              | 1     | 350535     | " "                 |
| MAMMOTH 23              | 1     | 350536     | " "                 |
| MAMMOTH 24              | 1     | 350537     | " "                 |
| MAMMOTH 25              | 1     | 350538     | " "                 |
| MAMMOTH 26              | 1     | 350539     | " "                 |
| MAMMOTH 27              | 1     | 350552     | " "                 |
| MAMMOTH 28              | 1     | 350553     | Sept. 19, 1997      |



TABLE 2: MAMMOTH PROJECT, CLAIM INFORMATION- NEW CLAIMS

| Claim Name | Units | Tenure No | Expiry Date   |
|------------|-------|-----------|---------------|
| PR#1       | 12    | 352143    | Oct. 11, 1997 |
| PR#2       | 8     | 352144    | " "           |
| PR#3       | 1     | 352145    | " "           |
| PR#4       | 1     | 352146    | " "           |
| PR#5       | 1     | 352147    | " "           |
| PR#6       | 1     | 352148    | " "           |
| PR#7       | 1     | 352149    | " "           |
| PR#8       | 1     | 352150    | Oct. 5, 1997  |
| PR#9       | 1     | 352151    | " "           |
| PR#10      | 1     | 352152    | " "           |
| PR#11      | 1     | 352153    | " "           |
| PR#12      | 1     | 352154    | Oct. 8, 1997  |
| PR#13      | 1     | 352155    | " "           |
| PR#14      | 1     | 352156    | " "           |
| PR#15      | 1     | 352157    | Oct. 9, 1997  |
| PR#16      | 1     | 352158    | " "           |
| PR#17      | 20    | 353011    | Nov. 27, 1997 |
| PR#18      | 1     | 353012    | Nov. 20, 1997 |
| PR#19      | 1     | 353013    | Nov. 25, 1997 |
| PR#20      | 1     | 353014    | " "           |
| PR#21      | 1     | 353015    | Nov. 26, 1997 |
| PR#22      | 1     | 353016    | " "           |

Significant work including diamond drilling was conducted on the Mammoth copper - molybdenum target by Welland Mining Ltd. 1967 to 1968. Copper and molybdenum intersections with values between 0.2 and 0.8% over several metres were reported from 5 of the holes in the shaft area. For example, diamond drill hole 2 reported 0.687% Mo over 6.7 metres and 0.518% Cu over 20.4 metres (Croteau 1971). Although 15 holes were drilled in the area the amount of definitive testing was very limited (Croteau 1971). Much of the zone remains open along strike and to depth. A geological, geochemical and geophysical survey was conducted by Welland and Pechiney Development Ltd. in 1972 and Greenwich Resources Ltd. between 1980 and 1984 in the Mammoth area. No drilling was reported. In 1989 Euro Petroleum completed a small geological and soil program in the northern Keno claims south of the Fern occurrence and reported copper and gold values from two vein samples.

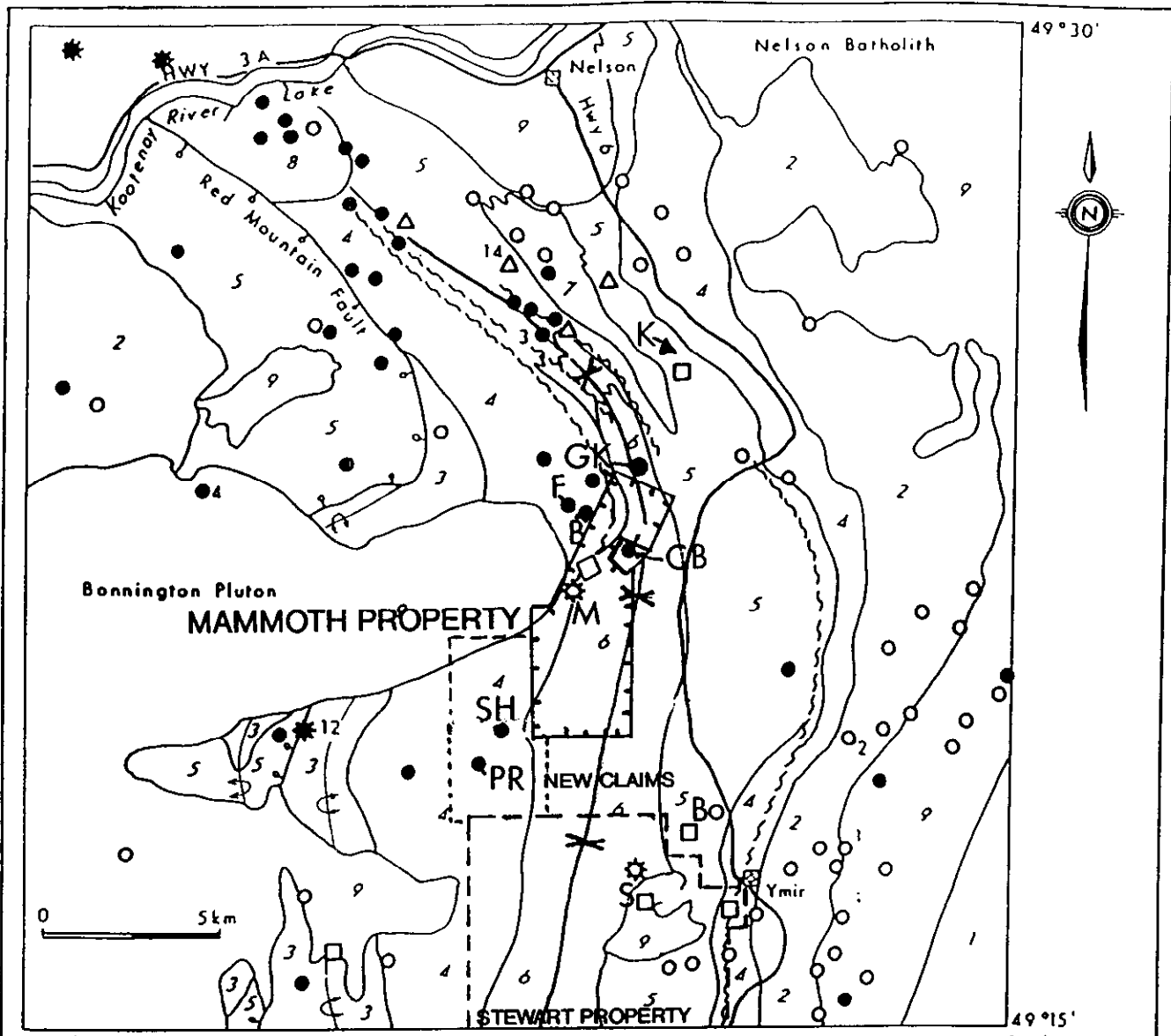
The most recent exploration on the property by Katie Mining Corp and Golden Mammoth Resources Ltd between 1991 and 1992 was largely performed by CME Consulting Ltd. (two reports by Hawkins et al in 1992). A cut grid covered four square kilometres around the old Mammoth workings. CME completed soil geochemistry, high density magnetics and detailed IP/Resistivity surveys over the grid. Geological mapping and limited sampling were also conducted on the grid but were poorly documented. Total exploration expenses incurred during this program are estimated at between \$150,000 and \$200,000. The program outlined three coincident geochemical (gold plus or minus copper)-geophysical-geological targets in the north central parts of the grid including a broad zone encompassing the Mammoth workings. CME recommended 1000 metres of Phase 1 drilling to test the Mammoth area, however no further work took place on the property and it was returned to the owners.

The main observations regarding previous work on the property are: 1) very little modern gold exploration has occurred on the property outside of the Mammoth grid (1991-92). This grid covers less than 20% of the property area. 2) Copper-gold drill targets that require little upgrading prior to drilling are present on the grid.

#### 4.0 REGIONAL GEOLOGY

The results of regional geological mapping by the Geological Survey Branch are available in Open File 1989-11 by Hoy and Andrew, this work covers the property area. A summary of this map with the main mineral occurrences is included in Figure 3.

The Mammoth Property lies within a highly mineralized arcuate band of Rossland Group (Jurassic age) volcanics, sediments and intrusives that trends south from Nelson to Salmo then west to Rossland. Ymir Group and Archibald Formation sedimentary rocks form the base to the Rossland with bedded fine clastics and local limestone units. These are overlain by a thick sequence of shoshonitic volcanic flows and pyroclastic rocks belonging to the Elise Formation. At the top of the Rossland Group sedimentary rocks of the Hall Formation consist of a thick coarsening upwards sequence of argillites, siltstones, grits and conglomerates. The Rossland



LEGEND (Ref. Hoy and Andrew, 1989)

**GEOLOGY**

- MIDDLE JURASSIC
  - 9 Nelson Intrusions
- LOWER OR MIDDLE JURASSIC(?)
  - 8 Pseudodiorite
- LOWER JURASSIC
  - Rosslund Group
    - 7 Silver King Intrusions
    - 6 Hall Formation
    - 5 Upper Elise Formation
    - 4 Lower Elise Formation
    - 3 Archibald Formation
    - 2 Ymir Formation
- PALEOZOIC AND PRECAMBRIAN
  - 1 Metasedimentary rocks

**SYMBOLS**

- Geological contact
- ~ Fault
- Normal fault
- Syncline axis
- Overturned anticline axis
- Mammoth property boundary

**MINERAL OCCURRENCES**

- PORPHYRY Cu-Mo
- \* Cu-Au SKARN
- ⊗ W-Mo SKARN
- Au-Ag-Cu VEIN
- Ag-Cu-Pb-Zn VEIN
- △ CONFORMABLE GOLD?

|  |               |                 |
|--|---------------|-----------------|
| <b>ROSSMIN EXPLORATIONS LTD.</b><br>MAMMOTH PROPERTY |               |                 |
| REGIONAL GEOLOGY AND<br>MINERAL OCCURRENCES          |               |                 |
| KAMLOOPS GEOLOGICAL SERVICES LTD.                    |               |                 |
| DATE October 1996                                    | NTS: 82F / 3W | FIGURE <b>3</b> |

Group has been intruded by: 1) small probable coeval bodies (with the Rossland Group) such as the Katie monzodiorites, Mammoth and Silver King porphyries, 2) later Jurassic age Nelson granodiorite and associated satellite intrusions 3) Eocene 'Coryell' monzonites, dykes, sills and small plugs. The structure in the area is dominated by tight northerly trending folds such as the Hall Creek Syncline and zones of intense shear such as the Silver King.

The Rossland Group has a history of precious metal production in particular the Rossland Camp, the second largest (historic) gold producing area in B.C. Recently a significant diorite hosted copper-gold alkalic porphyry system has been explored on the Katie Property near Salmo (Cathro et al 1993, Wells 1994, Naciuk et al 1995,). Mineral occurrences in the Nelson-Ymir area were subdivided into four main types by Hoy and Andrew (1988):

- (1) Porphyry or stockwork molybdenum-copper
- (2) Skarn molybdenum, tungsten, copper, gold
- (3) Vein gold, silver, copper; gold, silver, lead, zinc
- (4) Conformable (stratabound) and shear hosted gold

The locations of some of the more significant of these are shown on Figure 2. On this map there is a clear concentration of a variety of deposit types in the Rossland Group along the Hall Creek Syncline. The Mammoth property lies along this favourable trend and hosts a Cu, Mo and Au mineralized skarn zone in Elise and Hall rocks close to the eastern edge of the Bonnington pluton at the Mammoth showing (MINFILE 082FSW311). Other significant mineral occurrences near the property are as follows (refer to letters on Figure 2).

(1) Bear (B), Fern (F) and Canadian Belle (CB). These all have limited past production before 1942 with high average gold values between 17 and 36 g/t. The Gold King (GK) just to the north had similar grades. The veins are hosted by Elise or Hall Formation rocks with dioritic to felsic dykes nearby. (2) Further to the north the Kena property (K) features 'conformable gold', very high background gold and copper values in altered and variably sheared Elise volcanic and volcanoclastic rocks. These have been intruded by (probable) coeval quartz diorite dykes with associated quartz stockwork vein zones with 1 to 8 g/t Au (Wells 1986). (3) Southwest of the Mammoth Property the Porto Rico (PR) and nearby Spotted Horse (SH) are fracture controlled quartz vein systems. Both had some production with high grade gold averaging 31 to 35 g/t, associated silver values and low base metals. Porto Rico produced 178,514 grams Au from 5740 t, 1897-1960 intermittent production. The host rocks are Elise volcanics with nearby Mammoth type dykes. (4) Immediately south of the Mammoth the Stewart Property (Figure 3, S) hosts a variety of occurrences. Intrusive related skarn (W-Mo) and precious-base metal vein systems are documented on the property including a small deposit, the breccia zone with 204,000 t grading 0.3% MoS<sub>2</sub>. This property has received a significant amount of exploration, however some gold targets have not been well tested including one in the northern area (Craigtown grid) along a diorite contact (Humphreys 1992). Mineral exploration is presently being conducted on the property by Orvana Minerals Corp.

The Mammoth Property clearly lies within a well mineralized belt with significant gold potential. Most of the nearby mineral occurrences including those with gold display a close

spatial relationship with Jurassic age intermediate to felsic intrusions hosted by Rosland Group Hall and Elise sequences. High grade gold occurs near the northern and southern boundaries of the property at the Fern and Porto Rico and also at the Canadian Belle on the eastern side. These are all small past gold producers with the largest being the Fern (11,277 t grading 17.4 g/t Au 1895 to 1942, intermittent).

## 5.0 PROPERTY GEOLOGY

There is no recorded detailed (property scale) geological mapping prior to recent geological mapping by CME Consulting Ltd (Hawkins et al. 1992), Augsten (1993) and Wehrle (1997) in the 1992 grid area. Property geology on the larger scale is largely understood from regional mapping by Little (1982) and Hoy and Andrew (1989). The more detailed geology of the grid area is discussed in the following section 6.0.

According to regional mapping the property covers a section of the north trending, western limb of the Hall Creek syncline (Figure 3). Hall Formation sediments predominate in the east, Elise Formation volcanic flows and volcanoclastic rocks in the west. These are intruded by several northerly trending monzonite to diorite porphyry bodies with the large Bonnington (Nelson granodiorite) pluton to the west. Hoy and Andrew (1989) included most of the smaller porphyritic intrusions with the Nelson suite. One small Mammoth intrusion (JMM) is shown west of the Mammoth working on the nose of the Bonnington intrusion. This is a plagioclase-augite porphyritic diorite that is possibly coeval with the Elise Formation. Other diorite porphyry intrusions to the east are feldspar porphyries and considered to be younger as they cut Hall Formation (Wells 1996). Little (1982) mapped north trending dykes of Silver King porphyry (Jurassic) proximal to contact between the Hall and Elise Formations around Keno Creek, northeast of the Mammoth workings.

New Rossmine claims tie on to the southwest of the old claim group in the Cabin Peak-Porto Rico area (Figure 2). These, according to the mapping of Hoy and Andrew (1989) cover the southern edge of the Bonnington pluton's 'nose'. Elise Formation metavolcanics are folded into north trending tight anticlines and synclines. The Elise here includes volcanic flows and pyroclastic rocks that may represent a more proximal volcanic environment. Mammoth type (JMM) intrusions are mapped in this area and dykes of these occur proximal to the auriferous quartz veins on the Porto Rico and Spotted Horse (these are not on Rossmine's claims).

Much of the known mineralization on the property occurs in the central area on the ridge top around the old Mammoth workings and Monarch adit. Auriferous quartz veins are documented in the northern property area at the Alice and Romance workings. The previous work on these is briefly documented in Section 3.0, comments on mineral occurrences on adjacent properties are made in Section 4.0. Mineral occurrences on the 1992 grid area are discussed in the following sections.

## 6.0 THE 1996 GEOLOGICAL MAPPING PROGRAM

Geological mapping was conducted on the 1992 grid area on the Mammoth Property by D. Wehrle in late September to early October 1996 under the direction of the author and Rossmin Explorations Ltd. The 1992 cut grid was still useable and required little upgrading. A detailed report on the 1996 field geology investigation by D.M. Wehrle is appended to this report in Appendix 2. It is good quality and generally agrees with the author's own field observations made during a property visit in October 1996 and preliminary mapping by Augsten (1993). A summary on grid geology and mineralization (Figure 4) based on the Wehrle report including some personal observations follows.

### 6.1 Lithologies

Wehrle (1997) used Augsten's (1992) mapping base and was confined to using his (unit) codes. The for some reason are different from those used by CME (Hawkins et al 1992). The latter are chronologically correct and preferred by the author (they are used in this report). The translation is as follows:

| CME UNITS                                      | B. AUGSTEN (1993) UNITS |
|--|-------------------------|
| <b>Jurassic</b>                                |                         |
| 4 Nelson Intrusions                            | JN                      |
| 4a Diorite Porphyry                            | A                       |
| <b>Lower to Middle Jurassic</b>                |                         |
| 3 Hall Formation-predominantly meta sediments  | Is                      |
| 2 Elise Formation-predominantly meta volcanics | 2                       |

The grid area covered by the 1996 geological survey (Wehrle 1996) features a northerly to northeasterly trending contact zone between Elise Formation metavolcanics (2) and Hall Formation metasediments (3) east of the 'nose' to the Bonnington granodiorite (4) pluton (Figure 4). Elise mafic metavolcanics in the western part of the grid consist of massive augite porphyry volcanic flows with some volcanoclastic units including volcanic breccias (southwest grid), lapilli tuffs and finer limy tuffs (Mammoth workings area). To the east, fine grained Hall clastic metasediments have northerly strike and steep dips. These are intruded by diorite porphyry (4a) and converted to siliceous hornfels. The diorite is commonly a crowded plagioclase porphyry with dark aphanitic groundmass. Three whole rock analyses were from porphyry samples taken by the author from the Mammoth workings area (in Appendix A). Their chemistry is very consistent and indicates monzodiorite composition on TAS diagrams with  $\text{Na}_2\text{O}/\text{K}_2\text{O}$  ratios 1.85 to 2.7. Major and trace element (high field strength elements) distributions are strongly influenced by feldspar fractionation making many chemical diagrams of limited use for magma affinity. The total alkali content is subalkaline (near alkaline transition) at the relevant  $\text{SiO}_2$  contents and suggests calc-alkaline affinity (not alkaline).

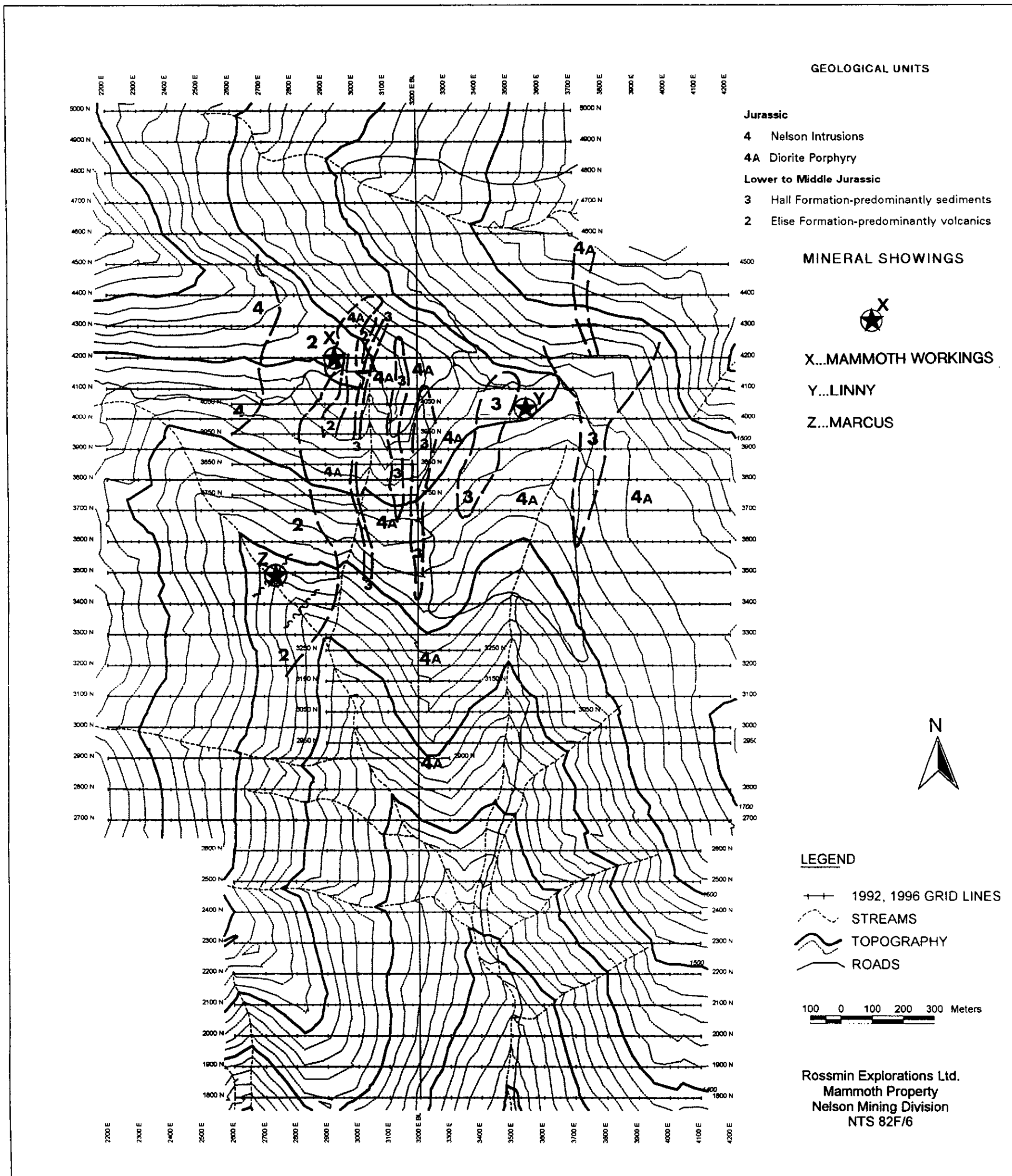


FIGURE 4: GRID TOPOGRAPHY AND SUMMARY GEOLOGY

Much of the central and eastern parts of the mapped grid can be considered to be a north trending roof zone to the monzodiorite intrusion (4a) with pendants of siliceous hornfels (Hall metasediments). A steeply dipping wedge of Elise metavolcanics of unknown depth lies to the west between the monzodiorite intrusion and Bonnington Pluton. Hoy and Andrews (1989) Mammoth plagioclase-augite porphyry to the west of the workings was not located during the 1996 mapping.

## 6.2 Mineralization

The reader is again referred to the 1997 report by D. Wehrle for details. During the 1996 field examination by the author some time was spent examining the old surface workings around the Mammoth Occurrence to the Monarch Adit on grid line 4500N. This area features the following styles of mineralization hosted by Elise or Hall country rocks near or along contacts with diorite porphyry (4a):

- 1) Cu-Mo-(Au) mineralization associated with fracture controlled pyrite, molybdenite, chalcopyrite and malachite hosted by garnet-epidote-magnetite skarn and calc-silicate hornfels. Basically in the shaft and 1968 drilled area.
- 2) Heavy fracture controlled and replacement pyrite, pyrrhotite, local chalcopyrite and molybdenite to the north of the shaft and west of the adit in old cuts.
- 3) Weak quartz vein stockworks with local arsenopyrite, tetrahedrite? and pyrite within the old Monarch Adit.

Figure 5 taken from the CME Consulting Ltd. reports (Hawkins et al 1992) shows the location of some of the 1967-68 drill holes by Welland Mining Ltd. (Croteau 1971) and old trenches in the area. From this it is apparent that only a small section of the favourable northerly trending contact zone has been tested. Samples 901, 902 and 905 returned 0.76% up to 1.52% copper with good gold correlation (corresponding gold values 0.6 up to 2.34 g/t).

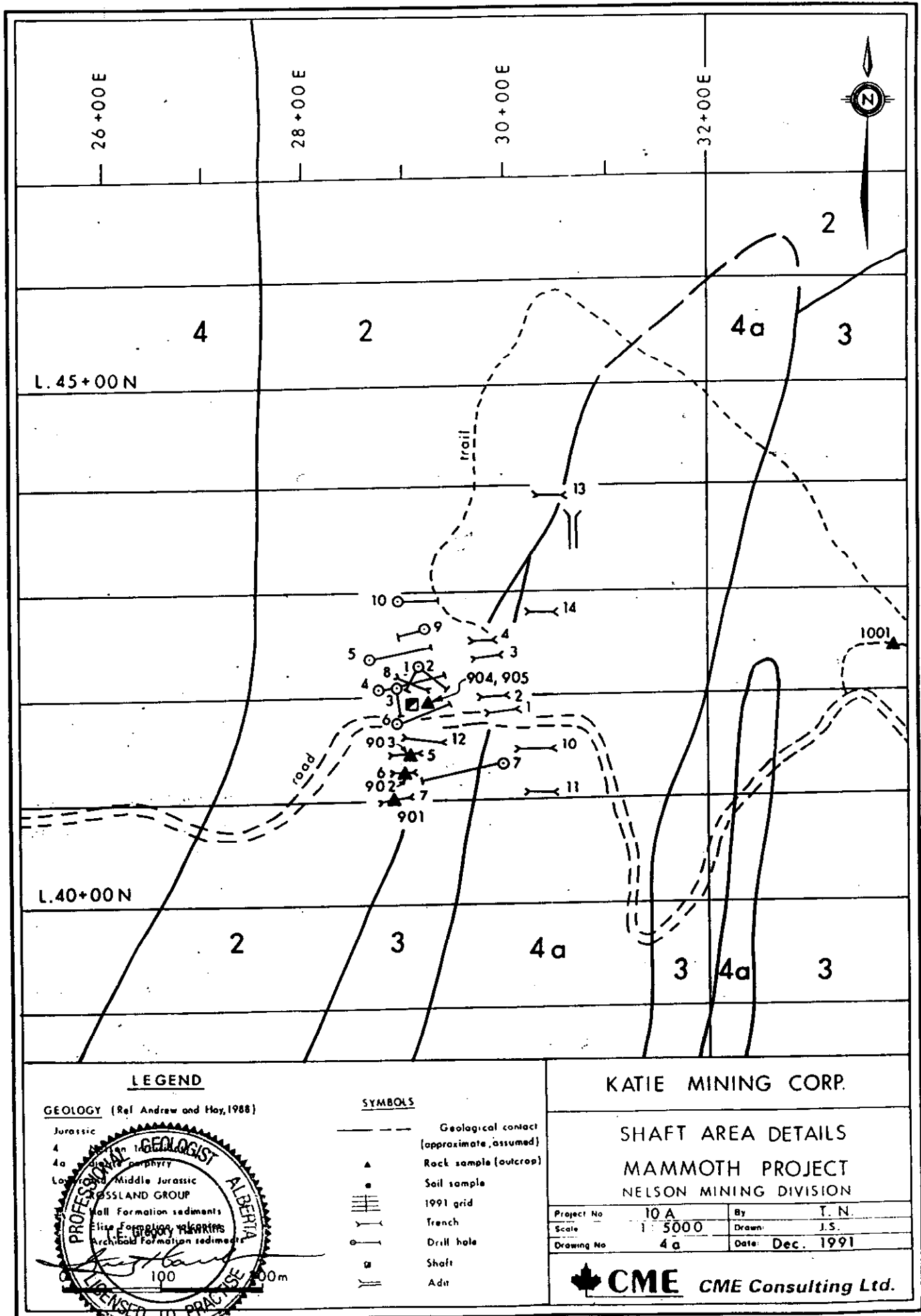
Two other styles of gold mineralization were also outlined by Wehrle in the grid area (Figure 4):

- (1) Quartz veins with arsenopyrite. The 'Linny' showing area features a quartz vein stockwork within the porphyritic diorite (4a). It lies to the east of the Mammoth workings and returned local gold values up to 31.0 g/t, 2.4% arsenic in 1992 (Hawkins et al) and up to 16.6 g/t gold, 2.18% arsenic in 1996 (Wehrle).
- (2) Northeast trending shear zones in the southwest area notably the 'Marcus' and 'Stephie' are hosted by Elise Formation pyroclastics. These display local silica-carbonate alteration zones with up to 5% sulfides (pyrite, pyrrhotite, chalcopyrite). The Marcus zone returned gold up to 0.86 g/t, 3.4 g/t silver and 0.26% copper. A sample from a nearby sulfide rich boulder returned 0.88 g/t



gold, 28.2 g/t Ag and 1.6% copper. These shear zones represent a new prospecting discovery by Wehrle (1996).

Significant further prospecting and sampling is required in the grid area and over the Elise volcanics to the southwest and west. A relationship of gold mineralization to the roof zone of the diorite porphyry and to northeast trending structures is clearly suggested.



**LEGEND**

**GEOLOGY** (Ref Andrew and Hoy, 1988)

- Jurassic
- 4
- 4a
- Low porphyry
- Middle Jurassic
- BOSSLAND GROUP
- all Formation sediments
- Elise Formation
- Archibald Formation sediments

**SYMBOLS**

- Geological contact (approximate, assumed)
- ▲ Rock sample (outcrop)
- Soil sample
- 1991 grid
- Trench
- Drill hole
- Shaft
- ≡ Adit

**KATIE MINING CORP.**

**SHAFT AREA DETAILS  
MAMMOTH PROJECT  
NELSON MINING DIVISION**

|            |        |       |           |
|------------|--------|-------|-----------|
| Project No | 10 A   | By    | T. N.     |
| Scale      | 1:5000 | Drawn | J.S.      |
| Drawing No | 4 a    | Date  | Dec. 1991 |

**CME** CME Consulting Ltd.



FIGURE 5

## 7.0 THE 1996 SOIL GEOCHEMISTRY SURVEY

During October 1996 Rossmin Explorations Ltd conducted a soil geochemical survey in the central part of the Mammoth property south of the Mammoth workings. The main objectives of this survey were: (1) to assess previous copper and gold soil anomalies in two areas on the 1992 grid (1992 CME Consulting Ltd surveys) and (2) to extend grid coverage to the south to cover the projection of the favourable geology and geochemistry. All grid installation and soil sampling was by personnel employed by Badger Exploration Services Ltd based in Nelson B.C. The surveys were completed during the month of October 1996.

### 7.1 Methodology

Three grids were installed to cover the target areas, for descriptive purposes these are called the north, central and south. The 1992 cut base line was easily located, reflagged and extended to 1800N from 2700N (900 metres). New grid lines were installed using compass, chain and minor blazng. 25 metre stations were located with flagging and tyvex tags. The grid coordinates are as follows:

1. North Grid (Copper Grid)  
Fill in lines 37+50N, 38+50N, 39+50N and 40+50N  
26+00E to 32+00E.  
Total: 2.4 kilometres.
2. Central Grid (Gold Grid)  
Fill in lines 29+50N, 30+50N from 29+00 to 37+00E  
31+50N, 32+50N from 29+00E to 32+50E.  
Total: 2.6 kilometres.
3. South Grid (Grid Extension)  
100 metre spaced lines 18+00 to 26+00N  
25+00E to 40+00E.  
Total: 13.5 kilometres.

Total new grid lines: 18.5 kilometres, base line 2.4 kilometres.

Soils were taken at 25 metre stations on the new grid lines and (relevant) sections of base line from the 'B' soil horizon using a matlock or narrow shovels. A total of 768 samples were taken, these were placed in standard kraft paper envelopes, field dried and sent to Eco Tech Laboratories Ltd. in Kamloops B.C. The soils were analysed geochemically for gold and by induced coupled plasma (ICP) for 28 other elements. The certificates of analysis AK96-1273 and AK96-1274 can be consulted in Appendix 1, the tag# numbers on the certificates are grid stations.

*R.C.Wells, P.Geo, FGAC, Kamloops Geological Services Ltd.*

## 7.2 Statistics

Previous geochemical surveys in 1992 indicated anomalies in gold, copper, arsenic, silver, zinc, molybdenum and lead. Based on the styles of mineralization found in the property area these elements would be expected to be good pathfinders to bedrock mineralization. The following background statistics were generated for the anomalous elements. It was important to separate the north and central fill-in grids from the south (new) grid in order to compare 1996 with 1992 statistics. Gold values are in ppb., the rest are ppm.

### North and Central Grids

|            | <b>Max Value</b> | <b>Mean</b> | <b>SD</b> | <b>Threshold</b> |
|------------|------------------|-------------|-----------|------------------|
| Gold       | 25               | 3.2         | 2.4       | 8.0              |
| Copper     | 194              | 67          | 27        | 121.0            |
| Arsenic    | 360              | 14          | 31        | 76.0             |
| Silver     | 1.6              | 0.25        | 0.25      | 0.75             |
| Molybdenum | 38               | 3.15        | 3.35      | 9.85             |
| Lead       | 48               | 15          | 7         | 29.0             |
| Zinc       | 498              | 117         | 71        | 259.0            |

### South Grid

|            |     |       |       |       |
|------------|-----|-------|-------|-------|
| Gold       | 50  | 4.06  | 4.27  | 12.6  |
| Copper     | 172 | 43.0  | 18.0  | 79.0  |
| Arsenic    | 45  | 6.0   | 5.0   | 16.0  |
| Silver     | 3   | 0.32  | 0.33  | 0.98  |
| Molybdenum | 50  | 2.93  | 3.77  | 10.47 |
| Lead       | 68  | 21.0  | 6.0   | 33.0  |
| Zinc       | 934 | 210.0 | 134.0 | 478.0 |

### 1992 Grid (CME) 2700N-5000N

|            |     |       |       |
|------------|-----|-------|-------|
| Gold       | 7   | 8.0   | 23.0  |
| Copper     | 55  | 32.0  | 118.0 |
| Arsenic    | 15  | 28.0  | 71.0  |
| Silver     | 0.6 | 1.1   | 2.8   |
| Molybdenum | 3   | 2.0   | 7.0   |
| Lead       | 22  | 12.0  | 46.0  |
| Zinc       | 146 | 114.0 | 374   |

There is considerable variation in element values within and between data sets, this is clear by comparing the various standard deviations and thresholds. Because of this variability anomaly threshold values for proportional symbol plots were generally kept low. These thresholds were the same for both grids and are as follows:

|         | <b>Threshold value on plots</b> |
|---------|---------------------------------|
| Gold    | 11                              |
| Copper  | 75                              |
| Arsenic | 30                              |
| Silver  | 1.1                             |
| Zinc    | 160                             |

Lead and molybdenum anomalies were generally isolated spot highs in the 1992 and 1996 data sets and were not considered useful to target definition and not further discussed.

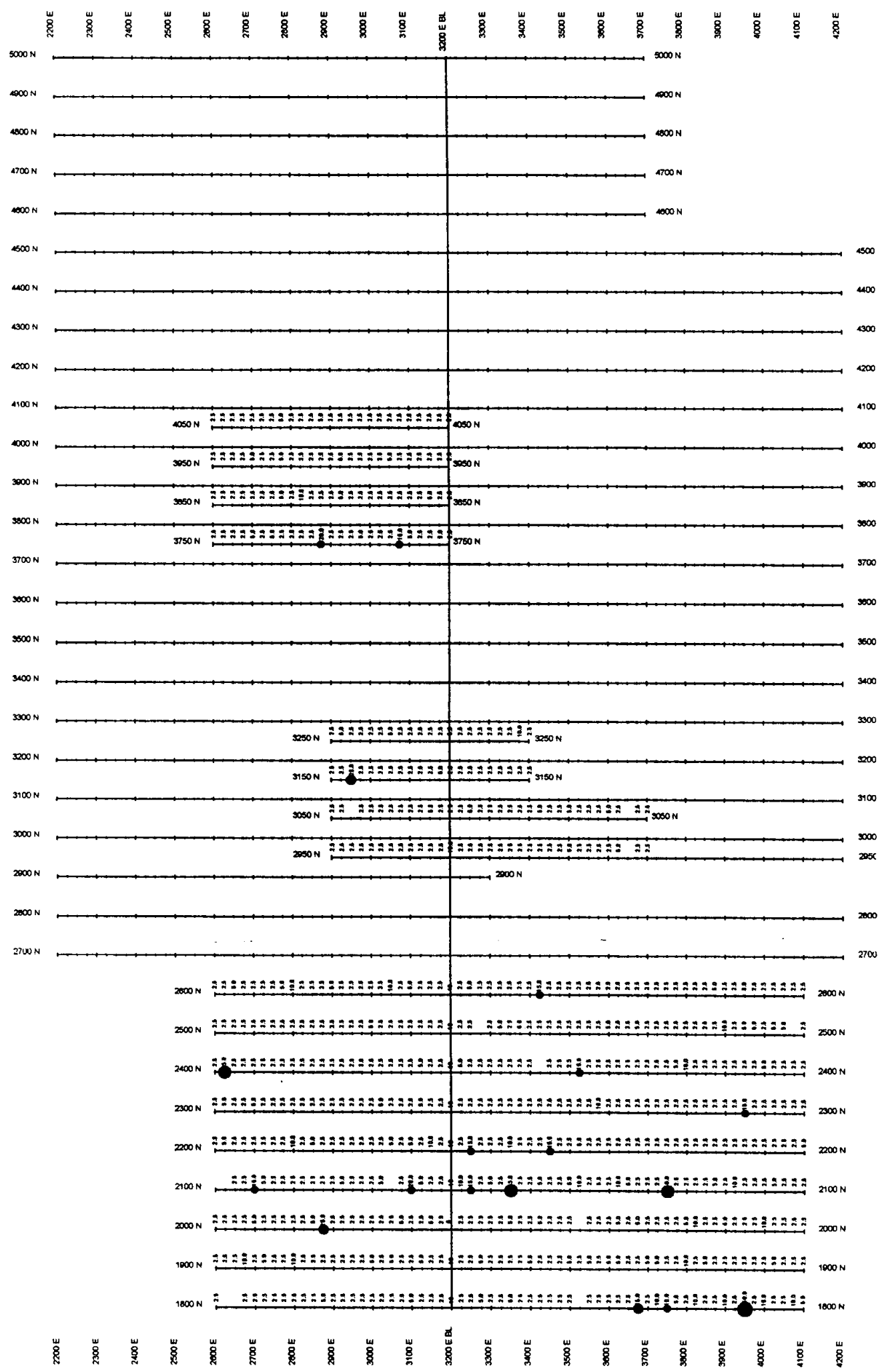
### **7.3 Results**

The analytical values for each of the elements chosen - gold, copper, arsenic, silver and zinc were plotted on 1:10,000 scale grid plans using standard computer software. Anomalous values are indicated by proportional circles. This method of graphical representation is preferred over contouring where the sample station spacing is unequal in the X and Y directions, in this case 25 metres by 100 metres. The results from the central and north grids are discussed separately from the new south grid.

#### **7.3A South Grid (Grid Extension)**

##### **Gold (Figure G-1)**

Anomalous gold values occur as spot highs throughout the grid with a low background at the detection limit. Gold in soil values less than 5 ppb were given a nominal 2.5 ppb value. The majority of anomalous values including the highest at 50 ppb occur east of the baseline. A cluster of weak anomalies occurs at 2100N and 2200N near the baseline. This area lies on trend with the main diorite porphyry (4A) intrusion.



**1996 SOIL GEOCHEMISTRY  
GOLD**

**LEGEND**

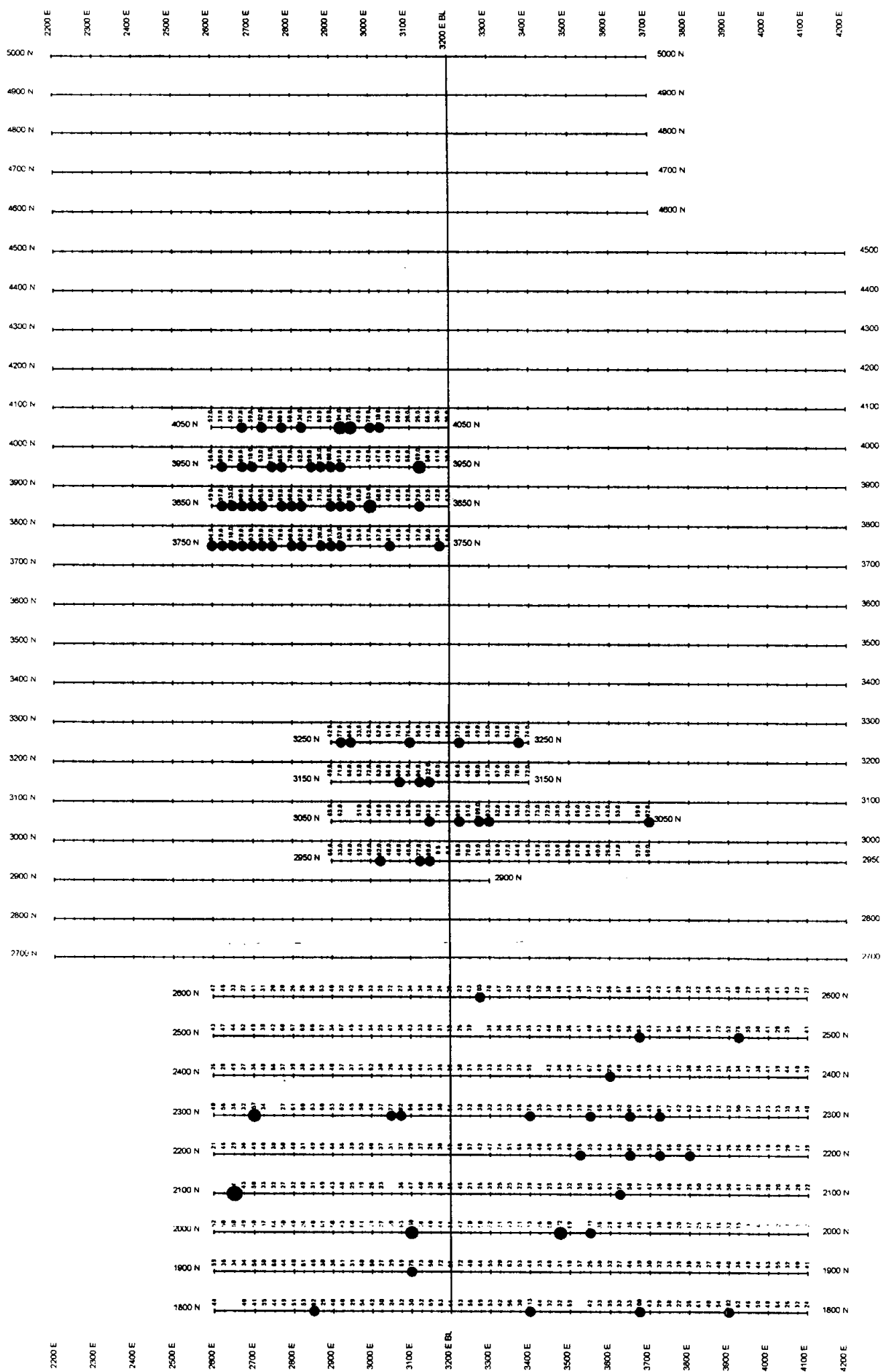
Geochemical Grid Samples  
Values in ppb  
Anomalous Values

- 11-21 ppb
- 22-32 ppb
- 33-43 ppb
- 43-54 ppb

100 0 100 200 300 Meters

Rossmin Explorations Ltd.  
Mammoth Property  
Nelson Mining Division  
NTS 82F/6

**FIGURE:G-1**



1996 SOIL GEOCHEMISTRY  
COPPER

LEGEND

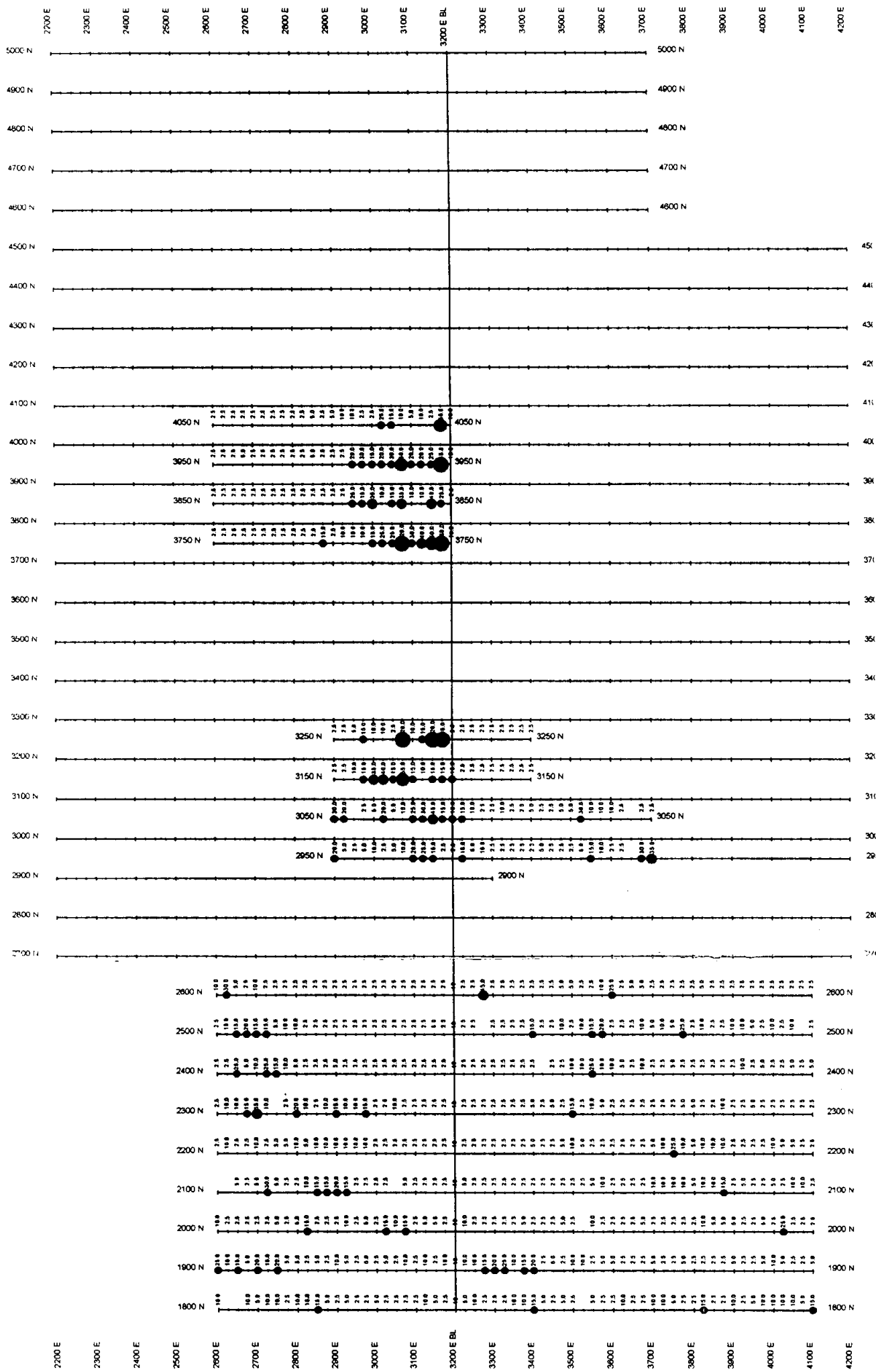
Geochemical Grid Samples  
Values in ppm  
Anomalous Values

- 75-149 ppm
- 150-224 ppm
- 224-299 ppm

100 0 100 200 300 Meters

Rossmine Explorations Ltd.  
Mammoth Property  
Nelson Mining Division  
NTS 82F/6

FIGURE:G-2



1996 SOIL GEOCHEMISTRY  
ARSENIC

LEGEND

Geochemical Grid Samples  
Values in ppm  
Anomalous Values

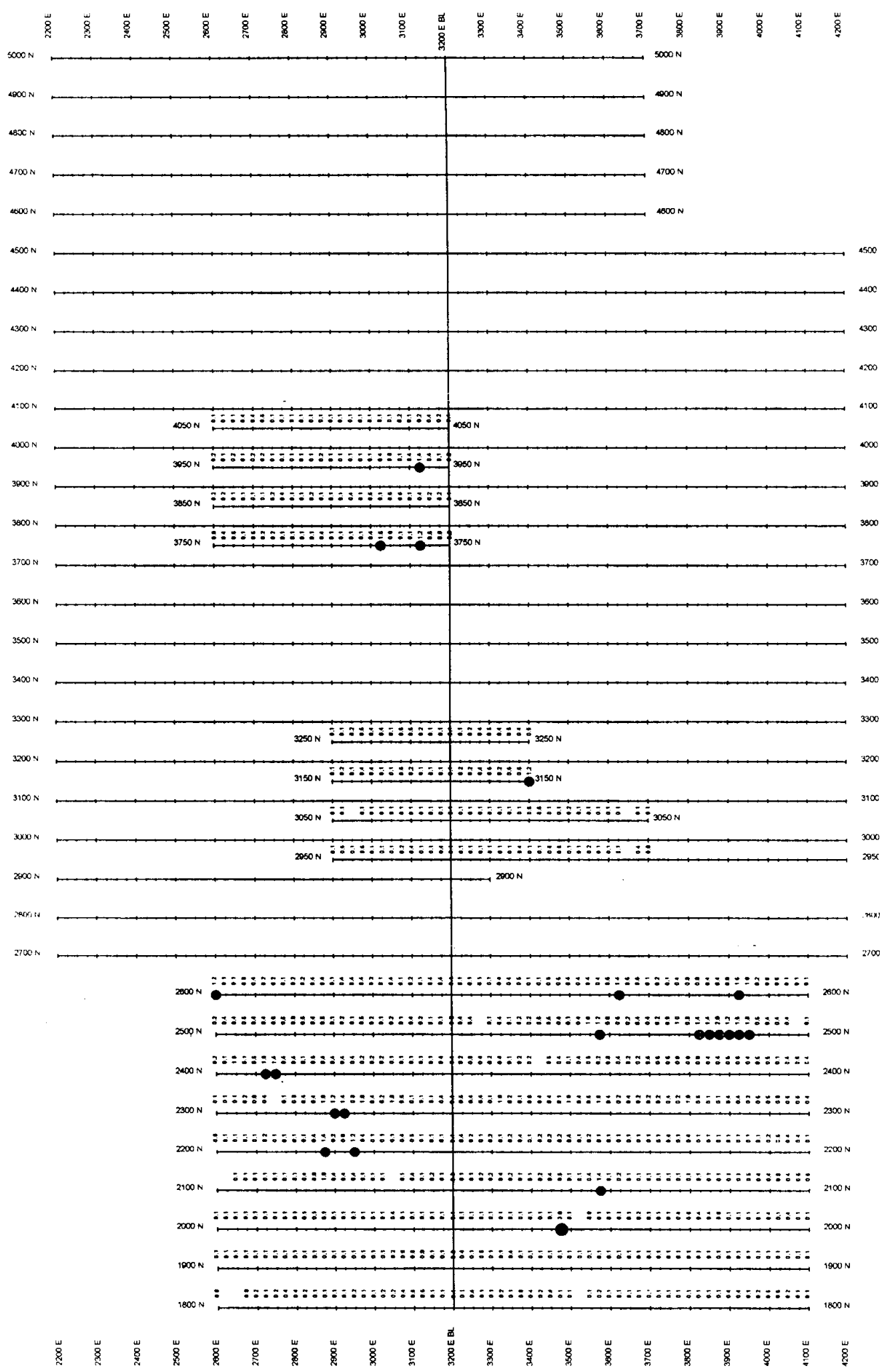
- 15-29 ppm
- 30-44 ppm
- 44-59 ppm
- >60 ppm

100 0 100 200 300 Meters

Rossmin Explorations Ltd.  
Mammoth Property  
Nelson Mining Division  
NTS 82F/6

FIGURE:G-3



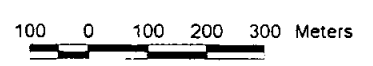


1996 SOIL GEOCHEMISTRY  
SILVER

LEGEND

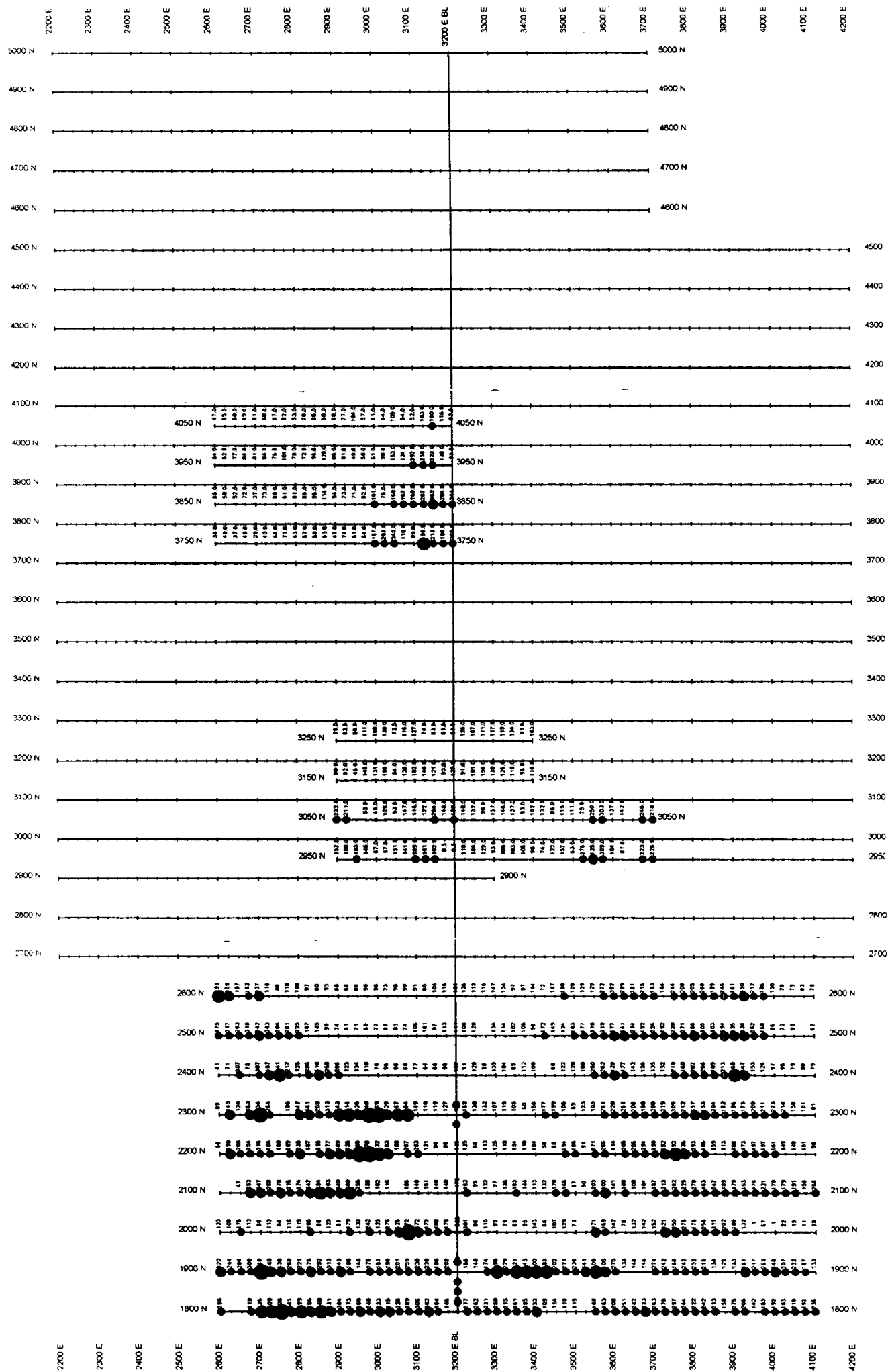
Geochemical Grid Samples  
Values in ppm  
Anomalous Values

- 1.1-1.2 ppm
- 2.1-3.2 ppm
- 3.2-4.3 ppm



Rossmine Explorations Ltd.  
Mammoth Property  
Nelson Mining Division  
NTS 82F/6

FIGURE:G-4



1996 SOIL GEOCHEMISTRY  
ZINC

LEGEND

Geochemical Grid Samples  
Values in ppm  
Anomalous Values

- 160-319 ppm
- 320-479 ppm
- 480-640 ppm
- >640 ppm

100 0 100 200 300 Meters

Rossmin Explorations Ltd.  
Mammoth Property  
Nelson Mining Division  
NTS 82F/6

FIGURE:G-5

**Copper (Figure G-2)**

A distinct cluster of weak copper anomalies occur in the east central part of the grid (east of baseline) between 2000N and 2400N. This area is just to the east of the small cluster of gold anomalies described previously and is in an area of probable diorite porphyry 4A?

**Arsenic (Figure G-3)**

Weak arsenic anomalies display a patchy distribution on the grid. There is a stronger concentration of these in the western grid area which is along trend with a zone of mixed intrusives (4A), metasediments (3) and possible Elise volcanics (2) that lies to the north. There is no clear correlation between either arsenic or gold anomalies.

**Silver (Figure G-4)**

Weak silver anomalies occur as two small concentrations in the west-central and north-east parts of the grid. These do not correlate well with other element anomalies discussed previously.

**Zinc (Figure G-5)**

The southern grid is strongly anomalous in zinc compared to the grids to the north. High background zinc with a large number of highly anomalous values occurs as a wedge shaped area in the southwestern grid. This anomaly is broadly coincident with a weak arsenic anomaly. The high background zinc with arsenic suggests possible sedimentary bedrock (Hall Formation) in this area. A broad south trending zone of weakly anomalous zinc values occurs in the eastern part of the grid between 34+00E and 41+00E. This does not correlate well with arsenic but does overlap with some copper anomalies.

**7.3B Central Grid (Gold Grid)**

The primary aims of these 50 metres fill-in soil lines were to confirm and better define gold anomalies outlined by the 1992 CME Consulting soil survey (Figure G-6). Only one

anomalous gold in soil value was returned from the four fill in lines (Figure G-1). This value of 25 ppb comes from an area which in 1992 returned two individual soils at 121 and 910 ppb and basically confirms the earlier anomaly. Line 2950N to the southeast was run in 1992 and produced a single gold value of 64 ppb. Line 3000N returned gold values of 524, 448 and 212 ppb to the north (Figure G-6). The 1996 survey did not return any anomalous gold values from this area?

A number of copper anomalies occur on this grid from the 1996 (Figure G-2) and 1992 (Figure G-7) surveys. These are weak and broadly coincident. No strongly anomalous copper values have been returned from this grid to date (> 224 ppm). The same can be said for silver, lead and zinc. Zinc values are significantly higher on the grid to the south. Arsenic is worthy of mention (Figure G-3). Several strongly anomalous arsenic values up to 120 ppm occur in the northwest part of this grid and coincide with gold and weak copper anomalies (1992 and 1996).

### **7.3C North Grid (Copper Grid)**

The primary aims of these 50 metre fill in soil lines were to confirm and better define an area of 1992 copper in soil anomalies (Figure G-7) with spotty high gold values. In 1992 the CME soil survey (Figure G-6) returned six gold values greater than 50 ppb from the immediate grid area. There is fairly good agreement between 1992 and 1996 gold anomalies, the 1996 anomalous values are however lower (Figures G-1 and G-6). There is very good visual correlation between 1992 and 1996 copper in soil anomalies (Figures G-2 and G-7). A strong cluster of weak to moderate copper anomalies occur in the central and western grid. The highest copper values from both surveys lie to the south of the Mammoth copper-(gold, molybdenum) workings. Arsenic (Figure G-3), zinc (Figure G-4) and silver (Figure G-5) anomalies occur to the east of the copper area. The arsenic anomalies are of similar strength to those in the central grid, one very high value of 360 ppm was returned. In this grid area copper-gold anomalies occur in the west and central areas, arsenic-silver-zinc to the east.

## **7.4 Discussion on Results**

### **7.4A Comparison of 1996 with 1994 Soil Geochemical Data**

It is interesting to compare the statistics shown in section 6.2 for the three grid sample populations. The north and central 1996 grid should compare well with those for 1992 as they come from the same area. This is the case for copper, arsenic and silver, 1992 gold, lead and zinc thresholds (mean + 2SD). The percentage of the grid area underlain by Hall metasediments is greater for the 1992 data set than the 1996 probably explaining the higher lead and zinc. The reason for higher gold in the 1992 data set is more difficult to explain. Possibly the 1992 mean value is being strongly influenced by a small population of highly anomalous values. The maximum gold value for 1996 in the northern area is 25 ppb compared to 910 ppb for 1992 (with many over 50 ppb).

The 1996 grid extension statistics compared to the 1992 data set to the north display lower copper, arsenic and significantly higher zinc. Copper-gold and arsenic anomalies on the 1992 grid do not appear to continue south onto the 1996 grid extension.

### **7.4B Soil Geochemical Anomalies Related to Known Geology and 1992 Geophysics**

Figure G-6 shows the 1996 and 1992 gold in soils anomalies, main geological contacts (1996 mapping) and bedrock anomalies (gold, copper, molybdenum, silver, arsenic, 1992 and 1996). Three styles of mineralization have produced gold values in the 500 ppb to 31 g/t range to date.

1. Cu, Au, (Mo, Ag, Zn, Pb)- Mammoth workings area. Contact skarn. Elise Formation metavolcanics and tuffs intruded by diorite porphyry intrusions.
2. Au, Au + As related to quartz veins plus or minus arsenopyrite at the Linny showing hosted by diorite porphyry (4A).



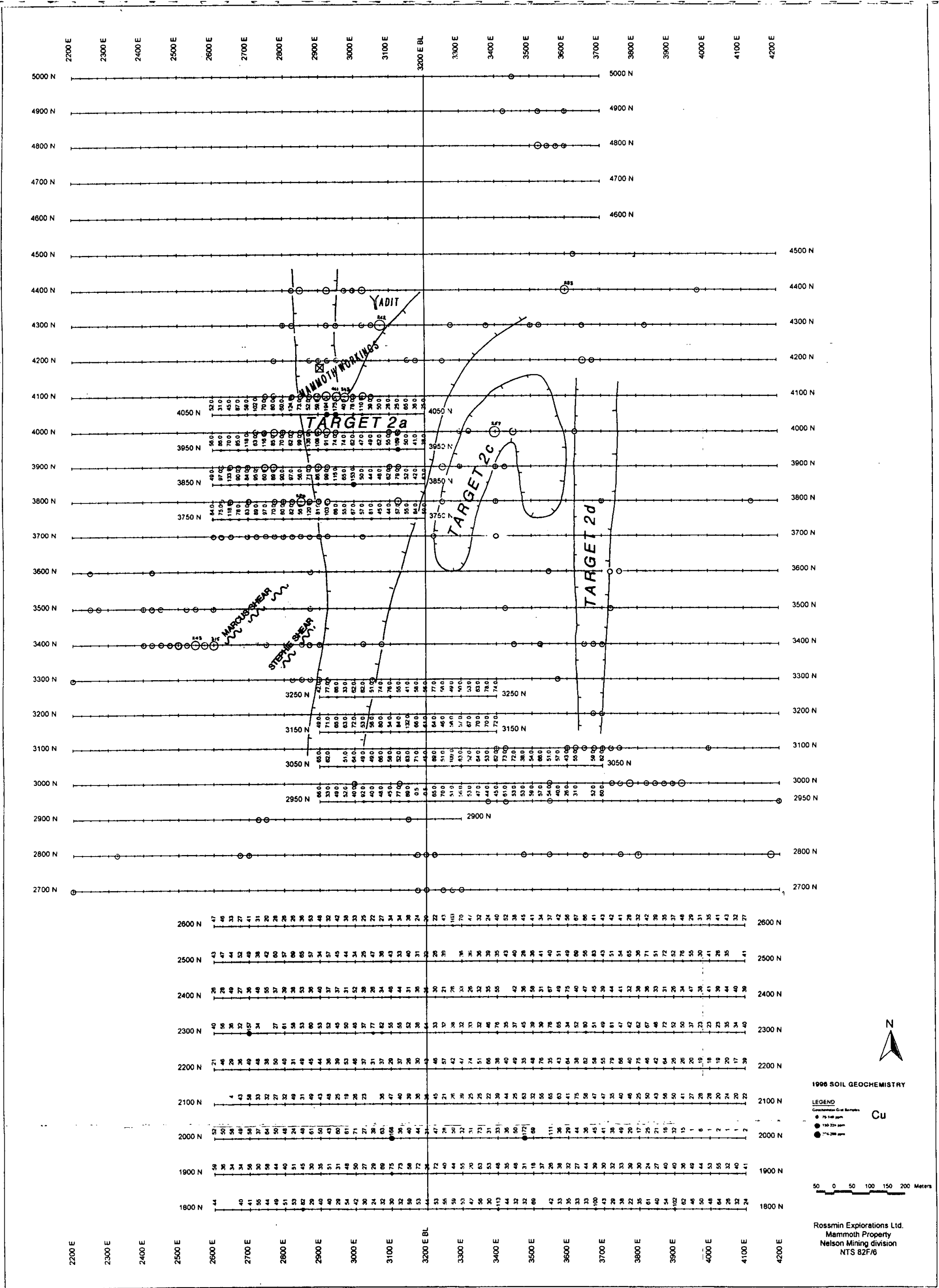
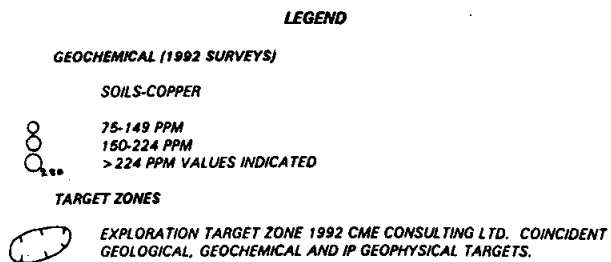


FIGURE G-7: COPPER COMPILATION MAP



3. Cu, Au (Ag) related to NE trending shear zones (Marcus showing) cutting Elise Formation metavolcanics. Quartz-carbonate alteration with variable sulfides.

Copper and gold soil anomalies form a broad zone following the south to southwest trending contact zone between Elise Formation metavolcanics (2) and diorite porphyry (4A) to the east. This contact zone forms CME Consulting Ltd (1992) Target Area 2a (Figures G-6, G-7) with the old Mammoth workings near the north end. Arsenic and zinc soil anomalies occur over the diorite porphyry and roof pendants of Hall metasediment (3) in the eastern part of Target 2a. This target has a geophysical expression of a narrow strip of moderate resistivity, high chargeability and low magnetics. The contact appears to be subvertical from the geophysics (Hawkins et al 1992).

The mineralized Marcus and nearby Stephe shears lie within the Elise Formation metavolcanics (2) proximal to 1992 copper and gold soil anomalies. This is a new area of bedrock mineralization not inside a 1992 target area. Northeast trending magnetic linears appear to correspond with the shears.

The Linny showing area featuring numerous veins in diorite porphyry (4A) lies within the northeast corner of 1992 Target Area 2c. Several strong gold and arsenic soil anomalies occur in this area in part coinciding with the known Au-As showing. Gold and arsenic soil anomalies continue for 500 metres SSW from the target area subparallel to Target 2. This basically follows the southerly trending contact between Hall metasediments (3) and diorite porphyry (4A) intrusions to the east. The geophysical expression of Target 2c is chargeability highs on the flanks of resistivity highs (relating to the diorite porphyry) and coincident magnetic and chargeability highs (hornfels?).

Target 2d to the east is a north south linear with geophysical anomalies similar to 2c. The geochemical anomalies in this area however, are weak and considered to be of limited interest.



#### 7.4C Primary and Secondary Dispersion

A closing comment on primary versus secondary geochemical dispersion in the grid area. The topography in the grid area is generally steep (Figure 4) with variable vegetation and soil cover. Geological contacts trend south to southwest in the grid area while slope are east, south and west down towards the main south flowing creek just east of the baseline (3200E). Geochemical soil anomalies in general appear to follow geological contacts and do not display strong dispersion downslope. Some secondary dispersion is suspected in the 1996 grid extension to the south where slopes are locally steeper to the west and overburden cover is potentially thicker along the main valley floor.

#### 8.0 CONCLUSIONS

Soils are a useful exploration tool in the grid area. Geochemical soil anomalies occur within the areas of known bedrock mineralization. These anomalies appear to outline anomalous trends that correlate with known geological contact zones that are considered favourable for bedrock mineralization. These trends also correlate with good geophysical targets interpreted from 1992 induced polarisation and magnetic surveys (Hawkins et al 1992). 1992 Target Areas 2 and 2c (Figures G-6, G-7) are based on coincident geological, geochemical and geophysical anomalies and are considered by the author to have good exploration potential for gold. The styles of mineralization to be expected in these target areas based on known geology is Elise Formation metavolcanic, tuff hosted copper-gold skarn-replacement zones and intrusive roof zone (diorite porphyry) related auriferous vein stockworks, mesothermal type. A new style of mineralization is represented by the Marcus showing with gold values associated with a sulfide bearing and altered shear zone. Northeast trending shears of this type potentially represent an economic gold target if a significant strike length and width is mineralized.

## 9.0 REFERENCES

- Andrew, K. and Hoy, T. (1988): Preliminary Geology and Mineral Occurrences in the Rossland Group between Nelson and Ymir, Southeastern B.C., (82F/6); BCMEMPR Open File 1988-1.
- Augsten, B.E.K., (1993): Mammoth Property Grid 1:2,500 scale Geology. Unpublished.
- Cathro, M.S., Dunne, K.P.E. and Naciuk, T.M. (1993): Katie - An Alkaline Porphyry Copper-Gold Deposit in the Rossland Group, Southeastern B.C. (82F/3W) BCMEMPR Geological Fieldwork 1992, Paper 1993-1, pp. 233-247.
- Croteau, F.L., (1971): Summary of Report for Welland Consolidated Mining Ltd. Unpublished.
- Hawkins, T.G. and Neale, T. (June 1992): Report on Geology, Geochemistry and Geophysics on the Mammoth Project for Katie Mining Corporation, A.R. 22450.
- Hawkins, T.G. and Naciuk, T.M. (November 1992): Report on Geology, Geochemistry and Geophysics on the Mammoth Project for Golden Mammoth Resources Ltd. Unpublished.
- Hoy, T. and Andrew, K. (1988): Preliminary Geology and Geochemistry of the Elise Formation, Rossland Group, Between Nelson and Ymir, Southeastern B.C. (82F/6); BCMEMPR Geological Fieldwork 1987, Paper 1988-1, pp. 19-30.
- Hoy, T. and Andrew, K. (1989): The Rossland Group, Nelson Map Area, Southeastern B.C. (82F/6); BCMEMPR Geological Fieldwork 1988, Paper 1989-1, pp. 33-42.
- Hoy, T. and Andrew, K. (1989): Geology of the Nelson Map Area, Southeastern B.C. (82F/6); BCMEMPR Open File 1989-11.
- Hoy, T. and Andrew, K.P.E. (1991): Geology of the Rossland Area, Southeastern B.C. (82F/4E); BCMEMPR Geological Fieldwork 1990, Paper 1991-1, pp. 21-31.
- Humphreys, N. (1992): Final Report on the Geology, Geochemistry and Trenching on the Denny Prospect. AR. 22829.
- Little, H.W. (1985): Nelson, B.C. NTS 82F West Half; GSC Open File 1195.
- Mineral Exploration Review. (1986): pp. 55-57, (1987): pp. 59-60. (1990).
- MINFILE
- Ministry of Mines (1917): Annual Report
- Ministry of Mines (1920): Annual Report
- Naciuk, T.M. and Hawkins, T.G. (1995): The Katie copper-gold porphyry deposit, southeastern British Columbia. In CIM Special Volume 46: Porphyry Deposits of the Northwestern Cordillera of North America.

Wehrle, D. (Oct. 1996): Preliminary Report of Investigations on the Mammoth Project, Southeastern B.C. Unpublished, Report for Rossmin Explorations Ltd.

Wehrle, D. (Jan. 1997): Report on Field Geology Investigations on the Mammoth Property. Private Report for Rossmin Explorations Ltd.

Wells, R.C. (1983-1996): Private reports on various properties in the Nelson-Rossland Belt.

Wells, R.C. (1994): Report on the Katie Property for Yellowjack Resources Ltd.

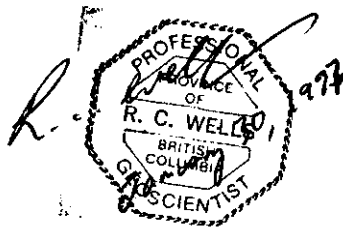
Wells, R.C. (1996): Summary Report on the Mammoth Property. Private Report for Rossmin Explorations Ltd.

**10.0 STATEMENT OF QUALIFICATIONS**

I, Ronald C. Wells, of the City of Kamloops, British Columbia, hereby certify that:

1. I am a Fellow of the Geological Association of Canada
2. I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia.
3. I am a graduate of the University of Wales, U.K. with a B. Sc. Hons. in Geology (1974), did post graduate (M. Sc.) studies at Laurentian University, Sudbury, Ontario (1976-77) in Economic Geology.
4. I am presently employed as Consulting Geologist and President of Kamloops Geological Services Ltd., Kamloops, B.C.
5. I have practised continuously as a geologist for the last 18 years throughout Canada, USA and Latin America and have past experience and employment as a geologist in Europe.
6. Ten of these years were in the capacity of Regional Geologist for Lacana Mining Corp., then Corona Corporation in both N. Ontario/Quebec and S. British Columbia.
7. The author visited the Mammoth Property of Rossmin Explorations Ltd. in October 1996 with W.R. Howard. The author has worked extensively in the Rossland Belt between Nelson and Rossland B.C. over the last 12 years.
8. The author was contracted by Rossmin Explorations Ltd. to consult on their property holdings near Nelson B.C. The author has no interest in the properties or holdings of Rossmin and does not expect any.

R.C. Wells, P.Geo., F.G.A.C.



***R.C. Wells, P.Geo, FGAC, Kamloops Geological Services Ltd.***

**APPENDIX A**  
**ANALYTICAL DATA**

*R.C. Wells, P. Geo, FGAC, Kamloops Geological Services Ltd.*



**ASSAYING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ENVIRONMENTAL TESTING**

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (250) 573-5700  
Fax (250) 573-4557

**WHOLE ROCK CERTIFICATE OF ANALYSIS AK96-1325**

**ROSSMIN EXPLORATIONS**  
302 608 7TH ST SW  
CALGARY, AB  
T2P 1Z1

25-Nov-96

**ATTENTION: BILL HOWARD**

*No. of samples received: 1325*  
*Sample type: ROCK*  
*PROJECT #: ROSSMIN EXPLORATION LTD*  
*SHIPMENT #: NONE GIVEN*  
*Samples submitted by: RON WELLS*

**Values expressed in percent**


| ET #. | Tag # | BaO  | P205 | SiO2  | MnO  | Fe203 | MgO  | Al203 | CaO  | TiO2 | Na2O | K2O  | L.O.I. |
|-------|-------|------|------|-------|------|-------|------|-------|------|------|------|------|--------|
| 1     | WR-1  | 0.80 | 0.27 | 55.92 | 0.12 | 7.90  | 3.04 | 15.82 | 8.81 | 0.86 | 3.71 | 2.08 | 0.66   |
| 2     | WR-2  | 0.28 | 0.27 | 54.65 | 0.11 | 8.13  | 3.33 | 15.80 | 8.95 | 0.95 | 3.61 | 1.96 | 1.96   |
| 3     | WR-3  | 0.05 | 0.25 | 55.77 | 0.12 | 8.46  | 3.16 | 15.93 | 9.32 | 0.92 | 3.90 | 1.42 | 0.71   |

**QC/DATA:**

**Repeat #:**

|   |      |      |      |       |      |      |      |       |      |      |      |      |      |
|---|------|------|------|-------|------|------|------|-------|------|------|------|------|------|
| 1 | WR-1 | 0.64 | 0.23 | 55.53 | 0.12 | 7.90 | 3.35 | 15.60 | 8.80 | 0.90 | 3.65 | 2.14 | 1.14 |
|---|------|------|------|-------|------|------|------|-------|------|------|------|------|------|

XLS/96  
df/wr1323A

  
**ECO-TECH LABORATORIES LTD.**  
Frank J. Pezzotti, A.Sc.T.  
B.C. Certified Assayer



ASSAYING  
GEOCHEMISTRY  
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ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (250) 573-5700  
Fax (250) 573-4557

### CERTIFICATE OF ANALYSIS AK 96-1325

ROSSMIN EXPLORATIONS  
302 608 7TH ST SW  
CALGARY, AB  
T2P 1Z1

13-Dec-96

ATTENTION: BILL HOWARD

No. of samples received: 3  
Sample type: ROCK  
PROJECT #: ROSSMIN EXPLORATION LTD  
SHIPMENT #: NONE GIVEN  
Samples submitted by: RON WELLS

| ET #. | Tag # | Cr<br>(ppm) | Y<br>(ppm) | Zr<br>(ppm) |
|-------|-------|-------------|------------|-------------|
| 1     | WR-1  | 117         | 30         | 71          |
| 2     | WR-2  | 114         | 26         | 88          |
| 3     | WR-3  | 270         | 26         | 56          |

**QC DATA:**


**Repeat:**

|   |      |     |    |    |
|---|------|-----|----|----|
| 1 | WR-1 | 126 | 27 | 80 |
|---|------|-----|----|----|

**Standard:**

|       |     |   |     |     |
|-------|-----|---|-----|-----|
| SY2   | -   | - | 130 | 280 |
| MRG-1 | 450 | - | -   | -   |

XLS/96

  
per **ECO-TECH LABORATORIES LTD.**  
Frank J. Pezzotti, A.Sc.T.  
B.C. Certified Assayer

Summary of Mammoth Property Geochemical soil grids

Summary of Mammoth Property Geochemical soil grids

Rossmine Exploration Ltd  
Mammoth Property

Data Summary for North Grids

|                    | Au(ppb) | Ag   | Al %  | As    | Ba     | Bi   | Ca %  | Cd   | Co    | Cr    | Cu    | Fe %  | La   | Mg %  | Mn     | Mo   | Na %  | Ni    | P       | Pb    | Sb   | Sn    | Sr    | Ti %  | U    | V     | W    | Y    |
|--------------------|---------|------|-------|-------|--------|------|-------|------|-------|-------|-------|-------|------|-------|--------|------|-------|-------|---------|-------|------|-------|-------|-------|------|-------|------|------|
| MIN                | 2.5     | 0.1  | 0.005 | 2.5   | 2.5    | 2.5  | 0.005 | 0.5  | 0.5   | 0.5   | 0.5   | 0.005 | 5    | 0.005 | 0.5    | 0.5  | 0.005 | 0.5   | 5       | 1     | 2.5  | 10    | 0.5   | 0.005 | 5    | 0.5   | 5    | 0.5  |
| MAX                | 25      | 1.6  | 6.31  | 360   | 390    | 15   | 1.53  | 7    | 74    | 282   | 194   | 7.28  | 10   | 1.78  | 4240   | 38   | 0.05  | 138   | 4660    | 48    | 65   | 40    | 95    | 0.34  | 20   | 229   | 10   | 36   |
| Standard deviation | 2.43    | 0.25 | 0.77  | 30.56 | 40.19  | 2.03 | 0.24  | 1.20 | 7.31  | 39.85 | 26.78 | 0.83  | 0.60 | 0.30  | 494.54 | 3.35 | 0.01  | 14.51 | 692.58  | 6.98  | 5.65 | 3.89  | 11.91 | 0.05  | 1.10 | 23.95 | 0.49 | 5.84 |
| Arithmetic Mean    | 3.17    | 0.25 | 3.03  | 14.04 | 106.27 | 3.45 | 0.51  | 1.51 | 23.30 | 84.04 | 67.33 | 4.48  | 5.07 | 0.95  | 966.84 | 3.15 | 0.02  | 35.10 | 1434.73 | 14.69 | 4.73 | 11.41 | 34.07 | 0.18  | 5.10 | 96.72 | 5.05 | 5.54 |

note Min is one half the trace value

Rossmine Exploration Ltd  
Mammoth Property

Data Summary for Southgrid and Baseline

|                    | Au(ppb) | Ag   | Al % | As   | Ba     | Bi   | Ca % | Cd   | Co    | Cr    | Cu    | Fe % | La   | Mg % | Mn      | Mo   | Na % | Ni    | P       | Pb    | Sb   | Sn    | Sr    | Ti % | U    | V     | W    | Y    |
|--------------------|---------|------|------|------|--------|------|------|------|-------|-------|-------|------|------|------|---------|------|------|-------|---------|-------|------|-------|-------|------|------|-------|------|------|
| MIN                | 2.5     | 0.1  | 0.01 | 2.5  | 2.5    | 2.5  | 0.01 | 0.5  | 0.5   | 0.5   | 0.5   | 0.03 | 5    | 0.04 | 0.5     | 0.5  | 0.01 | 0.5   | 5       | 6     | 2.5  | 10    | 0.5   | 0.01 | 5    | 0.5   | 5    | 0.5  |
| MAX                | 50      | 3    | 5.59 | 45   | 500    | 15   | 1.14 | 27   | 42    | 238   | 172   | 7.87 | 10   | 2    | 6782    | 50   | 0.06 | 163   | 5640    | 68    | 85   | 20    | 93    | 0.36 | 20   | 260   | 20   | 55   |
| Standard deviation | 4.27    | 0.33 | 0.75 | 5.36 | 61.33  | 3.79 | 0.19 | 2.47 | 4.65  | 22.20 | 17.94 | 0.73 | 0.51 | 0.31 | 576.08  | 3.77 | 0.01 | 14.67 | 839.91  | 6.27  | 7.09 | 2.42  | 12.19 | 0.05 | 0.67 | 23.44 | 0.94 | 5.47 |
| Arithmetic Mean    | 4.06    | 0.32 | 3.11 | 5.96 | 152.04 | 7.27 | 0.48 | 2.92 | 21.95 | 68.19 | 42.53 | 4.57 | 5.05 | 0.88 | 1062.02 | 2.93 | 0.02 | 33.36 | 1993.15 | 21.15 | 6.57 | 10.62 | 35.08 | 0.20 | 5.04 | 96.04 | 5.07 | 5.40 |

note Min is one half the trace value



15-Nov-96

ECO-TECH LABORATORIES LTD.  
10041 East Trans Canada Highway  
KAMLOOPS, B.C.  
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 96-1273

ROSSMIN EXPLORATIONS LTD.  
302, 608 - 7TH STREET S.W.  
CALGARY, ALBERTA  
T2P 1Z2

Phone: 604-573-5700  
Fax : 604-573-4557

ATTENTION: WILLIAM R. HOWARD

No. of samples received: 205  
Sample type: SOIL  
PROJECT #: BADGER EXPLORATIONS  
SHIPMENT #: NONE GIVEN  
Samples submitted by: NOT INDICATED

Values in ppm unless otherwise reported

| Et #. | Tag #         | Au(ppb) | Ag   | Al %  | As | Ba  | Bi | Ca %  | Cd | Co | Cr  | Cu | Fe %  | La  | Mg %  | Mn   | Mo | Na %  | Ni | P    | Pb | Sb | Sn  | Sr | Ti %  | U   | V   | W   | Y  | Zn  |
|-------|---------------|---------|------|-------|----|-----|----|-------|----|----|-----|----|-------|-----|-------|------|----|-------|----|------|----|----|-----|----|-------|-----|-----|-----|----|-----|
| 1     | 29+50N 29+00E | <5      | <0.2 | 4.38  | 20 | 110 | <5 | 0.33  | 1  | 22 | 67  | 66 | 4.88  | <10 | 0.91  | 539  | 8  | 0.01  | 41 | 2690 | 14 | 15 | <20 | 23 | 0.16  | <10 | 94  | <10 | 4  | 157 |
| 2     | 29+50N 29+25E | <5      | 0.6  | 3.35  | 5  | 210 | 10 | 0.45  | 4  | 21 | 23  | 33 | 4.13  | <10 | 0.34  | 4240 | 3  | 0.01  | 16 | 3160 | 18 | <5 | 20  | 32 | 0.21  | <10 | 54  | <10 | <1 | 150 |
| 3     | 29+50N 29+50E | <5      | <0.2 | 3.35  | <5 | 130 | 5  | 0.21  | 2  | 18 | 47  | 49 | 4.71  | <10 | 0.53  | 947  | 5  | 0.01  | 27 | 2950 | 14 | <5 | 20  | 20 | 0.21  | <10 | 77  | <10 | <1 | 183 |
| 4     | 29+50N 29+75E | <5      | 0.6  | 2.40  | 5  | 135 | 5  | 0.37  | 2  | 15 | 49  | 52 | 4.72  | <10 | 0.50  | 683  | 3  | 0.01  | 25 | 2010 | 16 | <5 | <20 | 34 | 0.18  | <10 | 78  | <10 | <1 | 145 |
| 5     | 29+50N 30+00E | <5      | <0.2 | 4.22  | 10 | 70  | 5  | 0.26  | 2  | 13 | 33  | 40 | 3.05  | <10 | 0.27  | 532  | 3  | 0.01  | 14 | 1170 | 14 | <5 | <20 | 19 | 0.19  | <10 | 50  | <10 | 10 | 67  |
| 6     | 29+50N 30+25E | <5      | <0.2 | 2.11  | <5 | 95  | <5 | 1.17  | 1  | 30 | 163 | 92 | 4.51  | <10 | 1.34  | 733  | 1  | 0.04  | 57 | 1340 | 10 | 5  | <20 | 55 | 0.21  | <10 | 107 | <10 | 7  | 57  |
| 7     | 29+50N 30+50E | <5      | <0.2 | 2.56  | 5  | 180 | 5  | 0.38  | 2  | 19 | 48  | 40 | 4.33  | <10 | 0.53  | 1414 | 3  | 0.01  | 26 | 2380 | 20 | <5 | <20 | 29 | 0.21  | <10 | 88  | <10 | 2  | 151 |
| 8     | 29+50N 30+75E | <5      | 0.2  | 3.30  | 10 | 120 | 5  | 0.32  | 2  | 18 | 66  | 48 | 4.27  | <10 | 0.64  | 1017 | 4  | 0.01  | 27 | 1790 | 12 | <5 | <20 | 24 | 0.18  | <10 | 85  | <10 | <1 | 141 |
| 9     | 29+50N 31+00E | <5      | 0.4  | 3.35  | 20 | 115 | <5 | 0.55  | 1  | 21 | 59  | 45 | 4.26  | <10 | 0.63  | 946  | 2  | 0.02  | 31 | 1450 | 12 | <5 | <20 | 39 | 0.20  | <10 | 90  | <10 | 4  | 189 |
| 10    | 29+50N 31+25E | <5      | <0.2 | 4.28  | 25 | 100 | <5 | 0.41  | 2  | 31 | 94  | 77 | 5.77  | <10 | 0.96  | 921  | 5  | 0.01  | 50 | 950  | 16 | <5 | <20 | 33 | 0.24  | <10 | 131 | <10 | 2  | 161 |
| 11    | 29+50N 31+50E | <5      | <0.2 | 4.07  | 15 | 90  | <5 | 0.40  | 5  | 30 | 110 | 89 | 5.87  | <10 | 1.11  | 728  | 15 | 0.01  | 61 | 1570 | 14 | 65 | <20 | 32 | 0.16  | <10 | 141 | <10 | 7  | 162 |
| 12    | 29+50N 31+75E | <5      | 0.4  | <0.01 | <5 | <5  | <5 | <0.01 | <1 | <1 | <1  | <1 | <0.01 | <10 | <0.01 | <1   | <1 | <0.01 | <1 | <10  | <2 | <5 | <20 | <1 | <0.01 | 10  | <1  | 10  | <1 | <1  |
| 13    | 29+50N 32+00E | 10      | 0.4  | <0.01 | <5 | <5  | <5 | <0.01 | <1 | <1 | <1  | <1 | <0.01 | <10 | <0.01 | <1   | <1 | <0.01 | <1 | <10  | <2 | <5 | <20 | <1 | <0.01 | 20  | <1  | 10  | <1 | <1  |
| 14    | 29+50N 32+25E | <5      | <0.2 | 2.86  | 15 | 110 | 5  | 0.36  | 2  | 22 | 73  | 65 | 4.64  | <10 | 0.86  | 1731 | 4  | 0.01  | 33 | 1380 | 24 | 5  | <20 | 30 | 0.17  | <10 | 107 | <10 | 2  | 118 |
| 15    | 29+50N 32+50E | <5      | <0.2 | 3.01  | 5  | 170 | <5 | 0.41  | 1  | 21 | 65  | 70 | 4.33  | <10 | 0.86  | 1210 | 2  | 0.01  | 31 | 980  | 18 | <5 | <20 | 35 | 0.21  | <10 | 102 | <10 | 5  | 104 |
| 16    | 29+50N 32+75E | <5      | <0.2 | 3.48  | 10 | 90  | 5  | 0.36  | 1  | 21 | 70  | 51 | 4.37  | <10 | 0.77  | 576  | 3  | 0.01  | 34 | 1480 | 10 | 5  | <20 | 30 | 0.22  | <10 | 100 | <10 | 5  | 129 |
| 17    | 29+50N 33+00E | <5      | <0.2 | 2.85  | <5 | 105 | <5 | 0.56  | 2  | 21 | 98  | 56 | 4.34  | <10 | 1.04  | 637  | 2  | 0.02  | 33 | 1970 | 12 | <5 | <20 | 41 | 0.22  | <10 | 99  | <10 | 2  | 93  |
| 18    | 29+50N 33+25E | <5      | <0.2 | 2.77  | <5 | 155 | 5  | 0.57  | 1  | 22 | 104 | 53 | 4.33  | <10 | 1.08  | 973  | <1 | 0.01  | 33 | 2180 | 10 | <5 | <20 | 43 | 0.23  | <10 | 93  | <10 | 2  | 105 |
| 19    | 29+50N 33+50E | <5      | <0.2 | 2.71  | <5 | 100 | 5  | 0.44  | 1  | 21 | 91  | 47 | 4.24  | <10 | 0.97  | 1091 | 2  | 0.01  | 29 | 1210 | 14 | 5  | <20 | 34 | 0.20  | <10 | 86  | <10 | 2  | 103 |
| 20    | 29+50N 33+75E | <5      | 0.4  | 2.51  | <5 | 220 | <5 | 0.52  | 1  | 20 | 89  | 44 | 4.26  | <10 | 0.87  | 1216 | 2  | 0.01  | 26 | 3020 | 10 | <5 | <20 | 46 | 0.16  | <10 | 82  | <10 | <1 | 106 |

## ROSSMIN EXPLORATIONS LTD.

## ICP CERTIFICATE OF ANALYSIS AK 96-1273

## ECO-TECH LABORATORIES LTD.

| Et #. | Tag #         | Au(ppb) | Ag   | Al % | As | Ba  | Bi | Ca % | Cd | Co | Cr  | Cu  | Fe % | La  | Mg % | Mn   | Mo | Na %  | Ni | P    | Pb | Sb | Sn  | Sr | Tl % | U   | V   | W   | Y  | Zn  |
|-------|---------------|---------|------|------|----|-----|----|------|----|----|-----|-----|------|-----|------|------|----|-------|----|------|----|----|-----|----|------|-----|-----|-----|----|-----|
| 21    | 29+50N 34+00E | <5      | <0.2 | 2.00 | <5 | 105 | 5  | 0.52 | 2  | 25 | 120 | 45  | 5.08 | <10 | 1.15 | 900  | <1 | 0.01  | 31 | 1340 | 16 | <5 | <20 | 43 | 0.26 | <10 | 108 | <10 | <1 | 90  |
| 22    | 29+50N 34+25E | <5      | <0.2 | 3.46 | 5  | 105 | <5 | 0.78 | 3  | 25 | 115 | 61  | 4.94 | <10 | 0.99 | 550  | 6  | 0.02  | 38 | 670  | 12 | 15 | <20 | 56 | 0.18 | <10 | 112 | <10 | 17 | 74  |
| 23    | 29+50N 34+50E | <5      | 0.6  | 2.08 | <5 | 190 | 5  | 0.65 | 3  | 22 | 107 | 53  | 4.64 | <10 | 1.00 | 1329 | 2  | 0.01  | 31 | 2020 | 24 | <5 | <20 | 49 | 0.15 | <10 | 89  | <10 | <1 | 122 |
| 24    | 29+50N 34+75E | <5      | 0.6  | 2.86 | <5 | 150 | 5  | 0.33 | 3  | 21 | 77  | 53  | 4.39 | <10 | 0.75 | 1513 | 3  | 0.01  | 27 | 2300 | 18 | <5 | <20 | 27 | 0.17 | <10 | 81  | <10 | <1 | 157 |
| 25    | 29+50N 35+00E | 5       | <0.2 | 1.99 | <5 | 105 | <5 | 0.59 | 2  | 24 | 122 | 59  | 4.98 | <10 | 1.16 | 730  | 2  | 0.01  | 33 | 730  | 12 | 5  | <20 | 44 | 0.21 | <10 | 108 | <10 | 5  | 63  |
| 26    | 29+50N 35+25E | <5      | <0.2 | 3.26 | 5  | 165 | <5 | 0.57 | 5  | 25 | 95  | 57  | 5.12 | <10 | 1.21 | 1345 | 3  | 0.01  | 37 | 3060 | 14 | 5  | <20 | 35 | 0.20 | <10 | 103 | <10 | 3  | 276 |
| 27    | 29+50N 35+50E | <5      | 0.2  | 3.54 | 15 | 190 | 10 | 0.38 | 6  | 27 | 78  | 54  | 5.41 | <10 | 1.34 | 1616 | 4  | 0.01  | 48 | 1760 | 20 | 10 | <20 | 29 | 0.24 | <10 | 117 | <10 | 5  | 425 |
| 28    | 29+50N 35+75E | <5      | <0.2 | 4.41 | 10 | 135 | 10 | 0.38 | 4  | 25 | 81  | 40  | 4.73 | <10 | 1.28 | 1041 | 2  | 0.01  | 41 | 2190 | 20 | <5 | <20 | 28 | 0.29 | <10 | 105 | <10 | 3  | 309 |
| 29    | 29+50N 36+00E | <5      | <0.2 | 2.83 | <5 | 390 | 10 | 0.47 | 2  | 23 | 76  | 26  | 5.02 | <10 | 1.12 | 2003 | 1  | 0.02  | 31 | 2800 | 16 | 5  | <20 | 43 | 0.32 | <10 | 93  | <10 | 2  | 104 |
| 30    | 29+50N 36+25E | 5       | <0.2 | 3.34 | <5 | 150 | 15 | 0.37 | 1  | 22 | 82  | 31  | 5.11 | <10 | 1.01 | 793  | <1 | 0.01  | 30 | 1780 | 16 | 5  | 20  | 36 | 0.32 | <10 | 94  | <10 | 2  | 81  |
| 31    | 29+50N 36+75E | <5      | 0.4  | 4.08 | 30 | 125 | 5  | 0.21 | 2  | 23 | 60  | 52  | 4.88 | <10 | 1.02 | 717  | 3  | 0.01  | 34 | 2560 | 22 | <5 | <20 | 14 | 0.20 | <10 | 105 | <10 | 4  | 223 |
| 32    | 29+50N 37+00E | <5      | 0.8  | 4.06 | 35 | 95  | 5  | 0.43 | 3  | 25 | 71  | 60  | 5.42 | <10 | 1.64 | 818  | 4  | <0.01 | 45 | 1080 | 18 | 15 | <20 | 22 | 0.17 | <10 | 135 | <10 | 6  | 228 |
| 33    | 30+50N 29+00E | <5      | <0.2 | 3.37 | 30 | 140 | <5 | 0.56 | 6  | 25 | 35  | 65  | 4.58 | <10 | 0.71 | 1473 | 6  | 0.01  | 25 | 3840 | 18 | 15 | <20 | 45 | 0.13 | <10 | 75  | <10 | 3  | 232 |
| 34    | 30+50N 29+25E | <5      | <0.2 | 2.34 | 20 | 145 | <5 | 0.93 | 5  | 17 | 29  | 62  | 4.28 | <10 | 0.30 | 1123 | 5  | 0.01  | 21 | 1610 | 20 | <5 | 20  | 63 | 0.15 | <10 | 67  | <10 | 2  | 211 |
| 35    | 30+50N 29+75E | <5      | <0.2 | 2.47 | <5 | 70  | 10 | 0.79 | 1  | 23 | 105 | 51  | 4.62 | <10 | 1.16 | 510  | <1 | 0.03  | 34 | 630  | 10 | <5 | <20 | 38 | 0.24 | <10 | 110 | <10 | 10 | 53  |
| 36    | 30+50N 30+00E | <5      | <0.2 | 2.20 | 5  | 105 | <5 | 0.69 | 1  | 20 | 100 | 64  | 3.88 | <10 | 1.10 | 451  | 2  | 0.03  | 36 | 800  | 12 | 10 | <20 | 35 | 0.20 | <10 | 95  | <10 | 12 | 45  |
| 37    | 30+50N 30+25E | <5      | <0.2 | 2.65 | 20 | 90  | <5 | 0.50 | 2  | 21 | 62  | 49  | 4.28 | <10 | 0.69 | 1428 | 4  | 0.01  | 27 | 1370 | 20 | <5 | <20 | 37 | 0.15 | <10 | 80  | <10 | 13 | 126 |
| 38    | 30+50N 30+50E | <5      | <0.2 | 2.06 | 5  | 115 | <5 | 0.38 | 1  | 19 | 76  | 49  | 4.27 | <10 | 0.69 | 879  | 3  | 0.01  | 25 | 1240 | 20 | <5 | <20 | 29 | 0.13 | <10 | 86  | <10 | <1 | 93  |
| 39    | 30+50N 30+75E | <5      | <0.2 | 2.35 | 10 | 130 | <5 | 0.46 | 1  | 22 | 83  | 66  | 4.30 | <10 | 0.70 | 1057 | 4  | 0.01  | 30 | 3030 | 14 | <5 | <20 | 33 | 0.11 | <10 | 82  | <10 | <1 | 147 |
| 40    | 30+50N 31+00E | <5      | <0.2 | 2.73 | 25 | 110 | 10 | 0.50 | 1  | 25 | 84  | 58  | 4.73 | <10 | 0.90 | 1432 | 3  | 0.01  | 33 | 1390 | 22 | <5 | <20 | 32 | 0.14 | <10 | 91  | <10 | 4  | 116 |
| 41    | 30+50N 31+25E | <5      | <0.2 | 3.45 | 30 | 95  | <5 | 0.38 | 1  | 22 | 63  | 52  | 4.76 | <10 | 0.63 | 790  | 3  | 0.01  | 33 | 1050 | 20 | <5 | 20  | 25 | 0.20 | <10 | 95  | <10 | 8  | 122 |
| 42    | 30+50N 31+50E | 5       | <0.2 | 4.09 | 45 | 160 | <5 | 0.43 | 2  | 29 | 83  | 83  | 5.92 | <10 | 0.89 | 1218 | 5  | 0.01  | 51 | 1630 | 22 | <5 | 20  | 31 | 0.21 | <10 | 130 | <10 | 2  | 204 |
| 43    | 30+50N 31+75E | <5      | <0.2 | 3.53 | 15 | 120 | 5  | 0.41 | 2  | 25 | 54  | 71  | 5.39 | <10 | 0.81 | 1102 | 7  | 0.01  | 40 | 2170 | 18 | 15 | <20 | 28 | 0.14 | <10 | 109 | <10 | <1 | 148 |
| 44    | 30+50N 32+00E | <5      | <0.2 | 2.96 | 15 | 110 | 10 | 0.59 | 2  | 25 | 71  | 45  | 4.88 | <10 | 0.79 | 883  | 4  | 0.01  | 38 | 2090 | 22 | <5 | 20  | 45 | 0.19 | <10 | 108 | <10 | 1  | 190 |
| 45    | 30+50N 32+25E | <5      | <0.2 | 3.72 | 15 | 150 | <5 | 0.49 | 2  | 30 | 94  | 89  | 5.58 | <10 | 1.07 | 908  | 4  | 0.01  | 49 | 1290 | 18 | <5 | <20 | 38 | 0.22 | <10 | 132 | <10 | 4  | 148 |
| 46    | 30+50N 32+50E | 5       | <0.2 | 3.19 | 10 | 105 | 10 | 0.48 | 2  | 22 | 78  | 51  | 4.71 | <10 | 0.79 | 614  | 2  | 0.01  | 34 | 1200 | 20 | <5 | <20 | 34 | 0.23 | <10 | 105 | <10 | 6  | 132 |
| 47    | 30+50N 32+75E | <5      | <0.2 | 3.30 | <5 | 165 | <5 | 0.66 | 1  | 33 | 122 | 109 | 5.68 | <10 | 1.42 | 1202 | 2  | 0.02  | 48 | 1260 | 14 | 10 | <20 | 56 | 0.25 | <10 | 140 | <10 | 1  | 96  |
| 48    | 30+50N 33+00E | <5      | <0.2 | 3.29 | <5 | 140 | <5 | 0.53 | 2  | 32 | 121 | 83  | 5.74 | <10 | 1.29 | 1105 | 4  | 0.01  | 49 | 1650 | 16 | <5 | <20 | 43 | 0.23 | <10 | 126 | <10 | <1 | 137 |
| 49    | 30+50N 33+25E | <5      | <0.2 | 3.12 | 10 | 130 | 5  | 0.58 | 2  | 24 | 93  | 52  | 4.67 | <10 | 1.01 | 768  | 2  | 0.01  | 38 | 2640 | 18 | <5 | <20 | 40 | 0.20 | <10 | 97  | <10 | 2  | 146 |
| 50    | 30+50N 33+50E | <5      | <0.2 | 3.38 | <5 | 100 | 5  | 0.52 | 2  | 25 | 98  | 64  | 4.88 | <10 | 1.11 | 764  | 4  | 0.01  | 40 | 1650 | 16 | 10 | <20 | 36 | 0.22 | <10 | 105 | <10 | 8  | 137 |
| 51    | 30+50N 33+75E | <5      | <0.2 | 2.15 | <5 | 110 | <5 | 0.54 | 1  | 25 | 115 | 53  | 4.74 | <10 | 1.16 | 997  | 1  | 0.01  | 34 | 1480 | 16 | <5 | <20 | 38 | 0.20 | <10 | 101 | <10 | <1 | 93  |
| 52    | 30+50N 34+00E | <5      | 0.6  | 2.58 | 5  | 115 | <5 | 0.56 | 1  | 24 | 120 | 62  | 4.66 | <10 | 1.27 | 731  | 2  | 0.01  | 38 | 1500 | 18 | 5  | <20 | 41 | 0.17 | <10 | 99  | <10 | 1  | 102 |
| 53    | 30+50N 34+25E | 5       | 0.6  | 2.85 | <5 | 85  | <5 | 0.31 | 2  | 25 | 113 | 73  | 4.95 | <10 | 1.15 | 1101 | 2  | 0.01  | 34 | 1660 | 20 | <5 | <20 | 24 | 0.19 | <10 | 101 | <10 | 8  | 132 |
| 54    | 30+50N 34+50E | <5      | <0.2 | 2.47 | <5 | 100 | <5 | 0.35 | 2  | 22 | 117 | 72  | 5.03 | <10 | 1.10 | 622  | 3  | 0.01  | 35 | 1190 | 16 | <5 | <20 | 27 | 0.17 | <10 | 101 | <10 | 5  | 86  |
| 55    | 30+50N 34+75E | <5      | <0.2 | 2.62 | 5  | 120 | 10 | 0.33 | 2  | 21 | 105 | 38  | 4.98 | <10 | 0.89 | 938  | 3  | <0.01 | 27 | 3670 | 16 | <5 | <20 | 23 | 0.16 | <10 | 93  | <10 | <1 | 115 |

## ROSSMIN EXPLORATIONS LTD.

## ICP CERTIFICATE OF ANALYSIS AK 96-1273

## ECO-TECH LABORATORIES LTD.

| Et #. | Tag #         | Au(ppb) | Ag   | Al % | As | Ba  | Bi | Ca % | Cd | Co | Cr  | Cu  | Fe % | La  | Mg % | Mn   | Mo | Na %  | Ni | P    | Pb | Sb | Sn  | Sr | Ti % | U   | V   | W   | Y  | Zn  |
|-------|---------------|---------|------|------|----|-----|----|------|----|----|-----|-----|------|-----|------|------|----|-------|----|------|----|----|-----|----|------|-----|-----|-----|----|-----|
| 56    | 30+50N 35+00E | 5       | 0.2  | 2.36 | 5  | 100 | 5  | 0.64 | 2  | 26 | 115 | 54  | 5.21 | <10 | 1.24 | 842  | 3  | 0.01  | 36 | 710  | 20 | <5 | <20 | 40 | 0.19 | <10 | 113 | <10 | 1  | 111 |
| 57    | 30+50N 35+25E | <5      | <0.2 | 2.19 | 30 | 125 | <5 | 0.79 | 1  | 27 | 103 | 66  | 5.16 | <10 | 1.57 | 772  | 2  | 0.02  | 38 | 1190 | 12 | 10 | <20 | 51 | 0.19 | <10 | 119 | <10 | 7  | 75  |
| 58    | 30+50N 35+50E | <5      | <0.2 | 4.07 | 10 | 100 | 10 | 0.29 | 2  | 26 | 95  | 51  | 5.15 | <10 | 1.52 | 874  | 2  | 0.01  | 39 | 1390 | 20 | 10 | <20 | 22 | 0.23 | <10 | 123 | <10 | 6  | 250 |
| 59    | 30+50N 35+75E | <5      | <0.2 | 3.81 | 10 | 145 | 10 | 0.30 | 5  | 26 | 91  | 57  | 5.21 | <10 | 1.38 | 1002 | 3  | 0.01  | 42 | 1820 | 22 | 10 | <20 | 21 | 0.24 | <10 | 117 | <10 | 5  | 303 |
| 60    | 30+50N 36+00E | 5       | <0.2 | 2.81 | 10 | 205 | 5  | 0.49 | 3  | 23 | 85  | 43  | 4.77 | <10 | 1.00 | 1317 | 3  | <0.01 | 31 | 1750 | 20 | <5 | <20 | 35 | 0.20 | <10 | 92  | <10 | 2  | 137 |
| 61    | 30+50N 36+25E | <5      | <0.2 | 2.73 | <5 | 100 | <5 | 0.72 | 4  | 28 | 123 | 55  | 5.55 | <10 | 1.41 | 1232 | 4  | 0.01  | 47 | 1080 | 18 | 10 | <20 | 44 | 0.18 | <10 | 114 | <10 | 5  | 142 |
| 62    | 30+50N 36+75E | <5      | <0.2 | 2.28 | <5 | 70  | 5  | 0.73 | 4  | 25 | 122 | 59  | 5.24 | <10 | 1.27 | 537  | 2  | 0.01  | 52 | 400  | 12 | <5 | <20 | 38 | 0.23 | <10 | 106 | <10 | <1 | 245 |
| 63    | 30+50N 37+00E | <5      | <0.2 | 3.01 | <5 | 85  | <5 | 0.31 | 3  | 28 | 129 | 82  | 5.81 | <10 | 1.65 | 635  | 4  | <0.01 | 57 | 850  | 18 | 10 | <20 | 22 | 0.22 | <10 | 124 | <10 | 4  | 218 |
| 64    | 31+50N 29+00E | <5      | <0.2 | 2.84 | <5 | 80  | <5 | 0.35 | 3  | 22 | 103 | 49  | 4.22 | <10 | 1.00 | 1078 | 4  | 0.01  | 40 | 1280 | 16 | 10 | <20 | 21 | 0.16 | <10 | 90  | <10 | 5  | 80  |
| 65    | 31+50N 29+25E | <5      | 0.2  | 2.56 | <5 | 65  | <5 | 0.54 | 2  | 24 | 91  | 71  | 4.70 | <10 | 1.07 | 965  | 3  | 0.01  | 30 | 640  | 16 | <5 | <20 | 44 | 0.19 | <10 | 98  | <10 | 9  | 82  |
| 66    | 31+50N 29+50E | 25      | <0.2 | 2.08 | 10 | 80  | <5 | 0.68 | 1  | 22 | 110 | 65  | 3.92 | <10 | 1.08 | 487  | 2  | 0.02  | 40 | 1090 | 10 | 5  | <20 | 31 | 0.16 | <10 | 88  | <10 | 5  | 45  |
| 67    | 31+50N 29+75E | <5      | 0.4  | 3.36 | 15 | 85  | <5 | 0.71 | 2  | 20 | 59  | 63  | 3.99 | <10 | 0.65 | 929  | 4  | <0.01 | 30 | 1220 | 20 | 5  | <20 | 41 | 0.14 | <10 | 71  | <10 | 10 | 145 |
| 68    | 31+50N 30+00E | <5      | 0.4  | 3.42 | 35 | 90  | <5 | 0.68 | 2  | 24 | 72  | 72  | 4.37 | 10  | 0.81 | 1366 | 3  | 0.01  | 35 | 1260 | 20 | <5 | <20 | 38 | 0.15 | <10 | 85  | <10 | 35 | 131 |
| 69    | 31+50N 30+25E | <5      | <0.2 | 3.50 | 40 | 80  | <5 | 0.53 | 1  | 22 | 70  | 53  | 4.30 | <10 | 0.79 | 1105 | 4  | 0.01  | 31 | 1320 | 20 | 10 | <20 | 32 | 0.16 | <10 | 83  | <10 | 20 | 106 |
| 70    | 31+50N 30+50E | <5      | <0.2 | 2.88 | 15 | 85  | <5 | 0.49 | 1  | 21 | 104 | 56  | 4.42 | <10 | 0.74 | 508  | 4  | 0.01  | 29 | 1650 | 14 | <5 | <20 | 29 | 0.14 | <10 | 89  | <10 | 1  | 84  |
| 71    | 31+50N 30+75E | <5      | 0.6  | 4.40 | 55 | 185 | <5 | 0.59 | 1  | 29 | 93  | 80  | 5.06 | <10 | 1.09 | 1335 | 6  | 0.01  | 42 | 1310 | 18 | 15 | <20 | 50 | 0.13 | <10 | 101 | <10 | 24 | 128 |
| 72    | 31+50N 31+00E | <5      | 0.2  | 3.70 | 15 | 85  | <5 | 0.30 | 1  | 21 | 69  | 54  | 4.42 | <10 | 0.79 | 1021 | 3  | 0.01  | 29 | 1450 | 16 | <5 | <20 | 23 | 0.14 | <10 | 88  | <10 | 6  | 102 |
| 73    | 31+50N 31+25E | <5      | <0.2 | 3.99 | 10 | 145 | <5 | 0.44 | 2  | 29 | 97  | 84  | 5.44 | <10 | 1.13 | 983  | 3  | 0.01  | 46 | 1750 | 16 | <5 | <20 | 32 | 0.16 | <10 | 119 | <10 | 4  | 140 |
| 74    | 31+50N 31+50E | <5      | <0.2 | 4.54 | 15 | 170 | <5 | 0.58 | 2  | 40 | 135 | 132 | 6.69 | <10 | 1.63 | 1344 | 6  | 0.02  | 66 | 1290 | 16 | 10 | <20 | 63 | 0.19 | <10 | 152 | <10 | 2  | 121 |
| 75    | 31+50N 31+75E | 5       | <0.2 | 3.60 | 15 | 70  | <5 | 0.31 | 1  | 23 | 84  | 66  | 4.92 | <10 | 0.99 | 492  | 3  | 0.01  | 33 | 1150 | 14 | 10 | <20 | 27 | 0.18 | <10 | 115 | <10 | 7  | 93  |
| 76    | 31+50N 32+00E | <5      | <0.2 | 2.92 | 15 | 130 | 5  | 0.41 | 2  | 26 | 89  | 61  | 4.74 | <10 | 0.96 | 1684 | 4  | 0.01  | 35 | 1600 | 48 | 5  | <20 | 40 | 0.13 | <10 | 112 | <10 | 4  | 127 |
| 77    | 31+50N 32+25E | <5      | 0.2  | 2.84 | <5 | 110 | <5 | 0.46 | 2  | 23 | 105 | 64  | 4.79 | <10 | 1.02 | 813  | 2  | 0.01  | 34 | 1260 | 18 | 5  | <20 | 51 | 0.17 | <10 | 113 | <10 | 3  | 91  |
| 78    | 31+50N 32+50E | <5      | 0.2  | 2.85 | <5 | 125 | 5  | 0.35 | 2  | 22 | 83  | 46  | 4.59 | <10 | 0.94 | 985  | 2  | 0.01  | 30 | 1220 | 16 | 10 | <20 | 35 | 0.19 | <10 | 97  | <10 | 2  | 101 |
| 79    | 31+50N 32+75E | <5      | 0.4  | 2.64 | <5 | 230 | <5 | 0.47 | 2  | 23 | 91  | 58  | 4.46 | <10 | 1.06 | 2739 | 1  | 0.01  | 33 | 2020 | 38 | <5 | <20 | 45 | 0.16 | <10 | 96  | <10 | <1 | 156 |
| 80    | 31+50N 33+00E | <5      | 0.6  | 2.58 | <5 | 180 | <5 | 0.49 | 1  | 24 | 110 | 57  | 4.61 | <10 | 1.16 | 1427 | 1  | 0.01  | 34 | 1830 | 14 | <5 | <20 | 43 | 0.16 | <10 | 97  | <10 | 2  | 139 |
| 81    | 31+50N 33+25E | <5      | 0.2  | 2.87 | <5 | 115 | <5 | 0.57 | 2  | 25 | 103 | 67  | 4.69 | <10 | 1.10 | 1070 | 5  | 0.01  | 37 | 1970 | 12 | 20 | <20 | 55 | 0.14 | <10 | 99  | <10 | 5  | 126 |
| 82    | 31+50N 33+50E | <5      | 0.6  | 2.79 | <5 | 95  | <5 | 0.48 | 2  | 25 | 105 | 70  | 4.73 | <10 | 1.15 | 1075 | 3  | 0.01  | 36 | 1770 | 16 | <5 | <20 | 47 | 0.13 | <10 | 102 | <10 | 5  | 119 |
| 83    | 31+50N 33+75E | <5      | 0.6  | 2.68 | <5 | 65  | <5 | 0.21 | 1  | 21 | 98  | 70  | 4.62 | <10 | 1.06 | 766  | 3  | <0.01 | 31 | 2150 | 20 | <5 | <20 | 20 | 0.12 | <10 | 96  | <10 | 3  | 96  |
| 84    | 31+50N 34+00E | <5      | 1.2  | 2.87 | <5 | 95  | <5 | 0.30 | 2  | 25 | 106 | 72  | 5.00 | <10 | 1.20 | 1308 | 4  | 0.01  | 36 | 1640 | 20 | 5  | <20 | 31 | 0.16 | <10 | 104 | <10 | 5  | 116 |
| 85    | 32+50N 29+00E | <5      | <0.2 | 1.07 | <5 | 60  | <5 | 0.74 | <1 | 17 | 75  | 42  | 2.78 | <10 | 0.66 | 379  | <1 | 0.03  | 21 | 830  | 6  | <5 | <20 | 36 | 0.13 | <10 | 75  | <10 | 6  | 19  |
| 86    | 32+50N 29+25E | 5       | <0.2 | 1.99 | <5 | 100 | <5 | 0.87 | 2  | 28 | 92  | 77  | 3.90 | <10 | 1.00 | 867  | 2  | 0.03  | 42 | 1230 | 8  | <5 | <20 | 46 | 0.13 | <10 | 92  | <10 | 9  | 62  |
| 87    | 32+50N 29+50E | <5      | 0.2  | 2.28 | 5  | 110 | <5 | 0.59 | 1  | 23 | 81  | 86  | 4.13 | <10 | 0.95 | 631  | 3  | 0.02  | 31 | 1570 | 10 | 10 | <20 | 32 | 0.12 | <10 | 89  | <10 | 3  | 56  |
| 88    | 32+50N 29+75E | <5      | 0.6  | 2.88 | 15 | 95  | 5  | 0.19 | <1 | 15 | 48  | 33  | 3.68 | <10 | 0.54 | 918  | 2  | 0.01  | 19 | 1230 | 14 | <5 | <20 | 15 | 0.16 | <10 | 70  | <10 | 4  | 111 |
| 89    | 32+50N 30+00E | <5      | 0.4  | 2.46 | 10 | 85  | <5 | 0.65 | 4  | 22 | 87  | 62  | 4.03 | <10 | 0.87 | 1176 | 4  | 0.01  | 30 | 1110 | 22 | <5 | <20 | 45 | 0.12 | <10 | 79  | <10 | 18 | 158 |
| 90    | 32+50N 30+25E | <5      | 0.4  | 3.05 | 10 | 75  | <5 | 0.39 | 2  | 21 | 78  | 62  | 4.22 | <10 | 0.83 | 991  | 4  | 0.01  | 28 | 1060 | 16 | <5 | <20 | 31 | 0.13 | <10 | 82  | <10 | 17 | 130 |

ROSSMIN EXPLORATIONS LTD.

ICP CERTIFICATE OF ANALYSIS AK 96-1273

ECO-TECH LABORATORIES LTD.

| Et #. | Tag #         | Au(ppb) | Ag   | Al % | As  | Ba  | Bi | Ca % | Cd | Co | Cr  | Cu  | Fe % | La  | Mg % | Mn   | Mo | Na % | Ni | P    | Pb | Sb | Sn  | Sr | Ti % | U   | V   | W   | Y  | Zn  |
|-------|---------------|---------|------|------|-----|-----|----|------|----|----|-----|-----|------|-----|------|------|----|------|----|------|----|----|-----|----|------|-----|-----|-----|----|-----|
| 91    | 32+50N 30+50E | 5       | <0.2 | 1.78 | <5  | 100 | <5 | 0.46 | 2  | 21 | 120 | 51  | 4.34 | <10 | 0.90 | 911  | 2  | 0.01 | 25 | 1310 | 12 | 5  | <20 | 38 | 0.13 | <10 | 90  | <10 | <1 | 72  |
| 92    | 32+50N 30+75E | <5      | 0.6  | 3.67 | 120 | 120 | <5 | 0.76 | 1  | 22 | 81  | 74  | 4.36 | 10  | 0.95 | 767  | 6  | 0.02 | 41 | 870  | 14 | 15 | <20 | 56 | 0.12 | <10 | 90  | <10 | 32 | 116 |
| 93    | 32+50N 31+00E | <5      | 0.6  | 3.28 | 10  | 155 | <5 | 0.49 | 1  | 27 | 76  | 76  | 5.00 | <10 | 1.05 | 1499 | 3  | 0.01 | 39 | 2000 | 14 | 5  | <20 | 42 | 0.12 | <10 | 104 | <10 | <1 | 127 |
| 94    | 32+50N 31+25E | <5      | 0.2  | 3.48 | 15  | 90  | <5 | 0.40 | 1  | 23 | 71  | 55  | 4.41 | <10 | 0.96 | 1220 | 2  | 0.01 | 29 | 980  | 16 | <5 | <20 | 32 | 0.15 | <10 | 94  | <10 | 11 | 74  |
| 95    | 32+50N 31+50E | <5      | <0.2 | 2.78 | 120 | 120 | 5  | 0.42 | <1 | 20 | 77  | 41  | 4.28 | <10 | 0.92 | 982  | <1 | 0.01 | 26 | 980  | 18 | <5 | <20 | 35 | 0.18 | <10 | 92  | <10 | 4  | 63  |
| 96    | 32+50N 31+75E | <5      | <0.2 | 3.68 | 85  | 85  | <5 | 0.27 | <1 | 21 | 104 | 58  | 4.78 | <10 | 1.06 | 431  | 1  | 0.01 | 31 | 560  | 12 | <5 | <20 | 25 | 0.23 | <10 | 103 | <10 | 8  | 61  |
| 97    | 32+50N 32+00E | 5       | <0.2 | 3.39 | <5  | 85  | <5 | 0.27 | <1 | 25 | 90  | 56  | 4.81 | <10 | 1.03 | 726  | 2  | 0.01 | 34 | 950  | 12 | <5 | <20 | 27 | 0.21 | <10 | 112 | <10 | 9  | 91  |
| 98    | 32+50N 32+25E | <5      | <0.2 | 3.98 | <5  | 115 | <5 | 0.31 | 1  | 28 | 90  | 77  | 5.33 | <10 | 1.01 | 677  | 4  | 0.02 | 44 | 1050 | 12 | <5 | <20 | 36 | 0.22 | <10 | 135 | <10 | 5  | 126 |
| 99    | 32+50N 32+50E | <5      | 0.2  | 3.62 | <5  | 120 | <5 | 0.34 | 1  | 22 | 85  | 58  | 4.59 | <10 | 0.97 | 560  | <1 | 0.02 | 35 | 1270 | 10 | 5  | <20 | 34 | 0.25 | <10 | 107 | <10 | 4  | 107 |
| 100   | 32+50N 32+75E | <5      | 0.4  | 3.39 | <5  | 130 | <5 | 0.35 | <1 | 20 | 76  | 49  | 4.16 | <10 | 0.87 | 1280 | 2  | 0.01 | 28 | 2060 | 12 | 5  | <20 | 35 | 0.18 | <10 | 88  | <10 | 4  | 111 |
| 101   | 32+50N 33+00E | <5      | 0.6  | 2.95 | <5  | 105 | 5  | 0.34 | 1  | 21 | 87  | 50  | 4.44 | <10 | 0.95 | 1046 | 2  | 0.01 | 28 | 2130 | 8  | <5 | <20 | 33 | 0.18 | <10 | 94  | <10 | 4  | 117 |
| 102   | 32+50N 33+25E | <5      | 0.4  | 2.67 | <5  | 150 | 5  | 0.43 | 2  | 21 | 85  | 53  | 4.37 | <10 | 0.99 | 1303 | 2  | 0.01 | 29 | 1970 | 10 | <5 | <20 | 48 | 0.15 | <10 | 90  | <10 | 3  | 119 |
| 103   | 32+50N 33+50E | <5      | 0.6  | 3.05 | <5  | 105 | <5 | 0.36 | 3  | 23 | 88  | 63  | 4.64 | <10 | 1.14 | 1227 | 4  | 0.02 | 34 | 1950 | 6  | 15 | <20 | 36 | 0.14 | <10 | 97  | <10 | 8  | 134 |
| 104   | 32+50N 33+75E | 10      | 0.4  | 3.11 | <5  | 115 | <5 | 0.37 | 1  | 23 | 104 | 78  | 4.72 | <10 | 1.24 | 752  | 2  | 0.02 | 34 | 1380 | 6  | <5 | <20 | 41 | 0.14 | <10 | 102 | <10 | 7  | 91  |
| 105   | 32+50N 34+00E | <5      | 0.6  | 3.49 | <5  | 115 | 5  | 0.29 | 1  | 24 | 102 | 74  | 4.78 | <10 | 1.28 | 851  | 2  | 0.01 | 36 | 1170 | 10 | 5  | <20 | 32 | 0.19 | <10 | 105 | <10 | 6  | 103 |
| 106   | 37+50N 26+00E | <5      | 0.8  | 2.62 | <5  | 55  | <5 | 0.49 | <1 | 22 | 65  | 84  | 3.39 | <10 | 0.60 | 862  | 2  | 0.02 | 20 | 640  | 10 | <5 | <20 | 31 | 0.13 | <10 | 74  | <10 | 15 | 36  |
| 107   | 37+50N 26+25E | <5      | 0.4  | 2.83 | <5  | 85  | <5 | 0.64 | <1 | 22 | 101 | 75  | 4.16 | <10 | 0.83 | 981  | 2  | 0.03 | 29 | 760  | 6  | <5 | <20 | 37 | 0.17 | <10 | 97  | <10 | 6  | 49  |
| 108   | 37+50N 26+50E | <5      | 0.6  | 3.61 | <5  | 65  | <5 | 1.06 | <1 | 23 | 197 | 118 | 4.23 | <10 | 1.05 | 658  | 1  | 0.04 | 42 | 640  | <2 | <5 | <20 | 42 | 0.16 | <10 | 101 | <10 | 9  | 37  |
| 109   | 37+50N 26+75E | <5      | <0.2 | 2.78 | <5  | 70  | <5 | 0.47 | <1 | 21 | 96  | 78  | 4.03 | <10 | 0.84 | 849  | 3  | 0.03 | 28 | 750  | 4  | <5 | <20 | 28 | 0.14 | <10 | 93  | <10 | 6  | 45  |
| 110   | 37+50N 27+00E | 5       | 0.6  | 2.16 | <5  | 55  | <5 | 1.05 | <1 | 11 | 89  | 83  | 2.92 | <10 | 0.60 | 224  | <1 | 0.03 | 21 | 490  | 4  | <5 | <20 | 51 | 0.16 | <10 | 81  | <10 | 8  | 29  |
| 111   | 37+50N 27+25E | <5      | 0.2  | 2.45 | <5  | 60  | <5 | 0.89 | 1  | 20 | 123 | 89  | 3.63 | <10 | 0.93 | 807  | 3  | 0.02 | 31 | 1100 | 6  | <5 | <20 | 43 | 0.09 | <10 | 89  | <10 | 7  | 40  |
| 112   | 37+50N 27+50E | 5       | 0.2  | 2.14 | <5  | 65  | <5 | 1.02 | <1 | 19 | 94  | 97  | 3.15 | <10 | 0.85 | 765  | 3  | 0.02 | 29 | 1280 | 14 | <5 | <20 | 50 | 0.07 | <10 | 78  | <10 | 8  | 44  |
| 113   | 37+50N 27+75E | <5      | <0.2 | 2.55 | <5  | 75  | <5 | 0.96 | <1 | 21 | 66  | 70  | 4.04 | <10 | 0.94 | 627  | 4  | 0.02 | 25 | 1550 | 6  | 10 | <20 | 50 | 0.12 | <10 | 92  | <10 | 4  | 71  |
| 114   | 37+50N 28+00E | <5      | <0.2 | 2.57 | <5  | 50  | <5 | 0.90 | <1 | 17 | 108 | 80  | 3.79 | <10 | 0.79 | 456  | 2  | 0.02 | 26 | 420  | 6  | <5 | <20 | 43 | 0.20 | <10 | 97  | <10 | 13 | 43  |
| 115   | 37+50N 28+25E | <5      | <0.2 | 2.38 | <5  | 65  | <5 | 0.75 | <1 | 22 | 75  | 82  | 3.62 | <10 | 0.88 | 854  | 2  | 0.02 | 30 | 710  | 14 | 5  | <20 | 39 | 0.16 | <10 | 85  | <10 | 7  | 57  |
| 116   | 37+50N 28+50E | <5      | <0.2 | 2.14 | <5  | 95  | <5 | 0.85 | <1 | 17 | 65  | 56  | 3.42 | <10 | 0.98 | 508  | <1 | 0.02 | 28 | 1470 | 8  | 5  | <20 | 43 | 0.17 | <10 | 78  | <10 | 6  | 58  |
| 117   | 37+50N 28+75E | 5       | 0.4  | 2.09 | 15  | 70  | <5 | 1.22 | 1  | 16 | 73  | 120 | 3.11 | <10 | 0.73 | 521  | 1  | 0.02 | 33 | 540  | 20 | <5 | <20 | 48 | 0.13 | <10 | 74  | <10 | 15 | 63  |
| 118   | 37+50N 29+00E | <5      | <0.2 | 2.45 | <5  | 80  | <5 | 0.80 | <1 | 25 | 57  | 81  | 4.26 | <10 | 1.06 | 655  | <1 | 0.02 | 28 | 560  | 6  | <5 | <20 | 38 | 0.18 | <10 | 114 | <10 | 8  | 47  |
| 119   | 37+50N 29+25E | <5      | <0.2 | 3.04 | 10  | 95  | <5 | 0.54 | <1 | 34 | 42  | 103 | 6.17 | <10 | 1.49 | 1328 | 3  | 0.02 | 32 | 1280 | 6  | <5 | <20 | 29 | 0.20 | <10 | 173 | <10 | 4  | 74  |
| 120   | 37+50N 29+50E | <5      | <0.2 | 2.95 | 10  | 75  | <5 | 0.57 | <1 | 22 | 58  | 66  | 4.26 | <10 | 1.15 | 670  | <1 | 0.02 | 25 | 870  | 6  | 5  | <20 | 39 | 0.19 | <10 | 100 | <10 | 10 | 61  |
| 121   | 37+50N 29+75E | 5       | <0.2 | 2.91 | 10  | 70  | <5 | 0.40 | <1 | 19 | 59  | 55  | 4.04 | <10 | 0.95 | 677  | <1 | 0.02 | 22 | 610  | 6  | <5 | <20 | 34 | 0.18 | <10 | 88  | <10 | 8  | 64  |
| 122   | 37+50N 30+00E | <5      | 0.4  | 3.37 | 15  | 100 | <5 | 0.39 | 2  | 20 | 47  | 67  | 4.02 | <10 | 0.76 | 819  | 4  | 0.02 | 29 | 1460 | 6  | 5  | <20 | 34 | 0.16 | <10 | 71  | <10 | 8  | 167 |
| 123   | 37+50N 30+25E | <5      | 1.6  | 2.95 | 25  | 100 | <5 | 0.83 | 6  | 16 | 37  | 57  | 3.36 | 10  | 0.49 | 1023 | 7  | 0.01 | 30 | 890  | 6  | <5 | <20 | 48 | 0.08 | <10 | 63  | <10 | 36 | 203 |
| 124   | 37+50N 30+50E | <5      | 0.8  | 3.10 | 25  | 60  | <5 | 0.75 | 3  | 24 | 72  | 81  | 4.27 | <10 | 0.83 | 1083 | 7  | 0.01 | 53 | 860  | 8  | <5 | <20 | 46 | 0.12 | <10 | 82  | <10 | 29 | 245 |
| 125   | 37+50N 30+75E | 15      | <0.2 | 2.46 | 120 | 105 | <5 | 0.59 | <1 | 19 | 78  | 45  | 4.00 | <10 | 0.97 | 1178 | 1  | 0.01 | 25 | 830  | 8  | <5 | <20 | 45 | 0.17 | <10 | 81  | <10 | 6  | 110 |

ROSSMIN EXPLORATIONS LTD.

ICP CERTIFICATE OF ANALYSIS AK 96-1273

ECO-TECH LABORATORIES LTD.

| Et # | Tag #         | Au(ppb) | Ag   | Al % | As  | Ba  | Bi | Ca % | Cd | Co | Cr  | Cu  | Fe % | La  | Mg % | Mn   | Mo | Na % | Ni | P    | Pb | Sb | Sn  | Sr | Tl % | U   | V   | W   | Y  | Zn  |
|------|---------------|---------|------|------|-----|-----|----|------|----|----|-----|-----|------|-----|------|------|----|------|----|------|----|----|-----|----|------|-----|-----|-----|----|-----|
| 126  | 37+50N 31+00E | 5       | <0.2 | 2.18 | 30  | 60  | <5 | 0.46 | <1 | 16 | 75  | 44  | 3.55 | <10 | 0.90 | 579  | 1  | 0.02 | 24 | 760  | 12 | <5 | <20 | 53 | 0.17 | <10 | 81  | <10 | 5  | 98  |
| 127  | 37+50N 31+25E | <5      | 1.2  | 6.31 | 40  | 125 | <5 | 0.19 | 3  | 27 | 34  | 57  | 5.65 | <10 | 0.60 | 752  | 15 | 0.01 | 46 | 2990 | 8  | <5 | 20  | 50 | 0.12 | <10 | 73  | <10 | 2  | 498 |
| 128  | 37+50N 31+50E | <5      | 0.6  | 2.96 | 60  | 105 | <5 | 0.72 | 2  | 20 | 52  | 55  | 3.76 | <10 | 0.68 | 1879 | 3  | 0.01 | 23 | 1390 | 10 | <5 | <20 | 49 | 0.08 | <10 | 66  | <10 | 7  | 213 |
| 129  | 37+50N 31+75E | 5       | 0.8  | 4.21 | 360 | 100 | <5 | 0.11 | <1 | 35 | 14  | 84  | 6.95 | <10 | 0.61 | 1908 | 8  | 0.02 | 13 | 4660 | 12 | <5 | 20  | 95 | 0.06 | <10 | 45  | <10 | 20 | 186 |
| 130  | 37+50N 32+00E | <5      | 0.2  | 3.70 | 10  | 85  | 5  | 0.31 | 2  | 21 | 84  | 59  | 4.56 | <10 | 0.99 | 507  | 3  | 0.02 | 35 | 1030 | 12 | <5 | <20 | 31 | 0.22 | <10 | 84  | <10 | 3  | 269 |
| 131  | 38+50N 26+00E | <5      | 0.2  | 2.40 | <5  | 85  | 5  | 0.50 | 2  | 25 | 80  | 49  | 4.03 | <10 | 0.79 | 1253 | <1 | 0.03 | 26 | 810  | 30 | <5 | <20 | 32 | 0.22 | <10 | 94  | <10 | 9  | 55  |
| 132  | 38+50N 26+25E | <5      | 0.2  | 3.03 | <5  | 90  | <5 | 0.71 | 1  | 28 | 148 | 97  | 4.67 | <10 | 1.19 | 1013 | 1  | 0.04 | 43 | 640  | 6  | <5 | <20 | 32 | 0.19 | <10 | 112 | <10 | 7  | 50  |
| 133  | 38+50N 26+50E | <5      | <0.2 | 3.03 | <5  | 105 | <5 | 0.92 | 1  | 31 | 197 | 133 | 4.93 | <10 | 1.64 | 563  | <1 | 0.05 | 60 | 480  | 16 | 10 | <20 | 45 | 0.26 | <10 | 128 | <10 | 6  | 52  |
| 134  | 38+50N 26+75E | <5      | <0.2 | 2.75 | <5  | 110 | <5 | 0.68 | 2  | 29 | 189 | 90  | 5.14 | <10 | 1.38 | 967  | 3  | 0.05 | 52 | 1830 | 6  | 15 | <20 | 29 | 0.20 | <10 | 119 | <10 | <1 | 72  |
| 135  | 38+50N 27+00E | <5      | <0.2 | 2.07 | <5  | 75  | <5 | 1.30 | 2  | 27 | 177 | 84  | 3.94 | <10 | 1.13 | 1101 | 2  | 0.04 | 46 | 670  | 20 | <5 | <20 | 49 | 0.13 | <10 | 107 | <10 | 2  | 37  |
| 136  | 38+50N 27+25E | <5      | <0.2 | 3.08 | <5  | 165 | <5 | 0.64 | 1  | 29 | 165 | 95  | 4.46 | <10 | 1.25 | 1094 | 1  | 0.03 | 50 | 1670 | 8  | <5 | <20 | 35 | 0.17 | <10 | 102 | <10 | 1  | 73  |
| 137  | 38+50N 27+50E | <5      | 0.2  | 2.86 | <5  | 115 | 5  | 0.73 | 1  | 23 | 81  | 60  | 3.99 | <10 | 0.97 | 1292 | 1  | 0.02 | 34 | 1040 | 12 | <5 | <20 | 40 | 0.21 | <10 | 91  | <10 | 6  | 88  |
| 138  | 38+50N 27+75E | 5       | 0.4  | 2.67 | <5  | 80  | <5 | 0.92 | 1  | 25 | 177 | 89  | 4.15 | <10 | 1.16 | 985  | 2  | 0.03 | 48 | 830  | 12 | <5 | <20 | 44 | 0.17 | <10 | 108 | <10 | 11 | 61  |
| 139  | 38+50N 28+00E | <5      | <0.2 | 2.92 | <5  | 130 | <5 | 0.80 | 1  | 33 | 235 | 90  | 5.13 | <10 | 1.57 | 1072 | <1 | 0.03 | 66 | 1350 | 16 | <5 | <20 | 44 | 0.24 | <10 | 124 | <10 | 2  | 81  |
| 140  | 38+50N 28+25E | 10      | <0.2 | 3.19 | <5  | 140 | <5 | 0.57 | 1  | 27 | 66  | 97  | 5.04 | <10 | 1.48 | 1195 | 1  | 0.03 | 45 | 1450 | 20 | <5 | <20 | 36 | 0.27 | <10 | 119 | <10 | 3  | 86  |
| 141  | 38+50N 28+50E | <5      | 0.2  | 2.71 | <5  | 125 | 5  | 0.42 | <1 | 21 | 46  | 56  | 3.99 | <10 | 0.82 | 1466 | 2  | 0.02 | 24 | 1790 | 22 | 10 | <20 | 29 | 0.19 | <10 | 91  | <10 | 1  | 96  |
| 142  | 38+50N 28+75E | <5      | <0.2 | 2.58 | <5  | 155 | <5 | 0.81 | 1  | 24 | 65  | 71  | 4.05 | <10 | 1.01 | 2141 | <1 | 0.02 | 33 | 1670 | 14 | <5 | <20 | 36 | 0.19 | <10 | 92  | <10 | 4  | 114 |
| 143  | 38+50N 29+00E | <5      | <0.2 | 2.79 | <5  | 145 | <5 | 0.69 | 1  | 39 | 68  | 86  | 5.53 | <10 | 1.27 | 1312 | 2  | 0.03 | 37 | 1800 | 10 | <5 | <20 | 33 | 0.22 | <10 | 143 | <10 | <1 | 94  |
| 144  | 38+50N 29+25E | 5       | <0.2 | 2.67 | <5  | 100 | <5 | 0.84 | 2  | 35 | 47  | 99  | 5.15 | <10 | 1.22 | 1385 | 5  | 0.02 | 40 | 980  | 16 | 20 | <20 | 32 | 0.15 | <10 | 140 | <10 | 11 | 73  |
| 145  | 38+50N 29+50E | <5      | 0.4  | 2.85 | 25  | 100 | <5 | 0.74 | 1  | 29 | 47  | 115 | 4.82 | <10 | 0.88 | 1275 | 3  | 0.02 | 36 | 1140 | 16 | <5 | <20 | 34 | 0.14 | <10 | 102 | <10 | 12 | 71  |
| 146  | 38+50N 29+75E | <5      | <0.2 | 2.44 | 15  | 110 | <5 | 0.66 | 1  | 26 | 47  | 65  | 5.23 | <10 | 1.04 | 1432 | 3  | 0.02 | 22 | 1410 | 24 | <5 | <20 | 35 | 0.14 | <10 | 102 | <10 | 5  | 92  |
| 147  | 38+50N 30+00E | <5      | 0.6  | 3.19 | 35  | 135 | <5 | 0.78 | 2  | 60 | 34  | 153 | 5.78 | <10 | 0.65 | 2711 | 6  | 0.01 | 28 | 2020 | 20 | <5 | 20  | 47 | 0.09 | <10 | 65  | <10 | 15 | 161 |
| 148  | 38+50N 30+25E | <5      | <0.2 | 2.79 | 10  | 80  | <5 | 0.45 | 1  | 19 | 67  | 50  | 3.79 | <10 | 0.93 | 633  | 2  | 0.02 | 25 | 1160 | 14 | 5  | <20 | 35 | 0.16 | <10 | 88  | <10 | 8  | 75  |
| 149  | 38+50N 30+50E | <5      | 0.6  | 3.37 | 15  | 115 | <5 | 0.28 | 1  | 16 | 44  | 44  | 3.97 | <10 | 0.68 | 866  | 3  | 0.01 | 26 | 1630 | 12 | <5 | <20 | 23 | 0.16 | <10 | 79  | <10 | 4  | 169 |
| 150  | 38+50N 30+75E | <5      | 0.6  | 2.36 | 35  | 50  | <5 | 1.53 | 7  | 12 | 44  | 48  | 2.64 | <10 | 0.67 | 981  | 5  | 0.02 | 23 | 1600 | 44 | <5 | <20 | 62 | 0.06 | <10 | 62  | <10 | 13 | 167 |
| 151  | 38+50N 31+00E | <5      | <0.2 | 3.72 | 10  | 65  | <5 | 0.25 | <1 | 16 | 72  | 62  | 4.19 | <10 | 0.78 | 381  | 5  | 0.01 | 34 | 1650 | 10 | <5 | <20 | 25 | 0.16 | <10 | 93  | <10 | 4  | 169 |
| 152  | 38+50N 31+25E | <5      | 0.4  | 4.79 | 10  | 100 | <5 | 0.27 | 2  | 20 | 61  | 79  | 5.23 | <10 | 0.72 | 359  | 11 | 0.01 | 52 | 1600 | 10 | <5 | 20  | 29 | 0.17 | <10 | 94  | <10 | 5  | 267 |
| 153  | 38+50N 31+50E | 5       | 0.2  | 3.48 | 40  | 130 | 5  | 0.53 | 3  | 29 | 60  | 52  | 5.06 | <10 | 0.83 | 1410 | 6  | 0.01 | 37 | 2560 | 14 | <5 | 20  | 40 | 0.13 | <10 | 93  | <10 | <1 | 362 |
| 154  | 38+50N 31+75E | <5      | 0.2  | 2.50 | 25  | 135 | <5 | 0.84 | 3  | 20 | 52  | 42  | 3.35 | <10 | 0.80 | 2157 | 2  | 0.02 | 29 | 1630 | 28 | <5 | <20 | 54 | 0.09 | <10 | 63  | <10 | 5  | 284 |
| 155  | 38+50N 32+00E | <5      | <0.2 | 3.23 | <5  | 110 | <5 | 0.44 | 3  | 24 | 100 | 63  | 4.66 | <10 | 1.22 | 876  | 3  | 0.02 | 40 | 1370 | 14 | 15 | <20 | 43 | 0.22 | <10 | 97  | <10 | 2  | 241 |
| 156  | 39+50N 26+00E | <5      | 0.2  | 2.40 | <5  | 90  | <5 | 0.49 | 1  | 24 | 92  | 56  | 4.56 | <10 | 0.86 | 751  | 5  | 0.03 | 31 | 560  | 12 | <5 | <20 | 32 | 0.23 | <10 | 102 | <10 | 5  | 54  |
| 157  | 39+50N 26+25E | <5      | <0.2 | 2.70 | <5  | 95  | <5 | 0.70 | 1  | 23 | 111 | 86  | 3.89 | <10 | 0.94 | 823  | 3  | 0.03 | 36 | 1200 | 20 | <5 | <20 | 32 | 0.14 | <10 | 90  | <10 | 2  | 62  |
| 158  | 39+50N 26+50E | <5      | 0.2  | 2.71 | <5  | 130 | <5 | 0.64 | 1  | 27 | 108 | 70  | 4.23 | <10 | 0.98 | 1259 | 3  | 0.03 | 38 | 1240 | 18 | <5 | <20 | 34 | 0.17 | <10 | 95  | <10 | 2  | 77  |
| 159  | 39+50N 26+75E | <5      | <0.2 | 2.98 | 5   | 105 | <5 | 0.75 | 1  | 24 | 104 | 85  | 4.11 | <10 | 1.12 | 997  | 2  | 0.02 | 40 | 1240 | 24 | <5 | <20 | 38 | 0.17 | <10 | 96  | <10 | 4  | 84  |
| 160  | 39+50N 27+00E | 5       | 0.2  | 2.82 | <5  | 75  | <5 | 0.97 | 1  | 28 | 181 | 118 | 4.57 | <10 | 1.27 | 974  | 1  | 0.04 | 51 | 830  | 40 | 5  | <20 | 37 | 0.18 | <10 | 111 | <10 | 5  | 81  |

## ROSSMIN EXPLORATIONS LTD.

## ICP CERTIFICATE OF ANALYSIS AK 96-1273

## ECO-TECH LABORATORIES LTD.

| Et #. | Tag #         | Au(ppb) | Ag   | Al % | As | Ba  | Bi | Ca % | Cd | Co | Cr  | Cu  | Fe % | La  | Mg % | Mn   | Mo | Na %  | Ni  | P    | Pb | Sb | Sn  | Sr | Ti % | U   | V   | W   | Y  | Zn  |
|-------|---------------|---------|------|------|----|-----|----|------|----|----|-----|-----|------|-----|------|------|----|-------|-----|------|----|----|-----|----|------|-----|-----|-----|----|-----|
| 161   | 39+50N 27+25E | <5      | 0.2  | 2.86 | <5 | 145 | <5 | 0.50 | <1 | 23 | 107 | 63  | 3.86 | <10 | 0.94 | 1509 | <1 | 0.03  | 36  | 2050 | 18 | <5 | <20 | 25 | 0.21 | <10 | 82  | <10 | 2  | 84  |
| 162   | 39+50N 27+50E | <5      | <0.2 | 2.83 | <5 | 115 | <5 | 0.79 | <1 | 33 | 178 | 116 | 4.99 | <10 | 1.37 | 1399 | <1 | 0.04  | 51  | 1390 | 14 | <5 | <20 | 35 | 0.20 | <10 | 118 | <10 | 3  | 76  |
| 163   | 39+50N 27+75E | 5       | <0.2 | 2.82 | <5 | 135 | <5 | 0.65 | 1  | 34 | 282 | 85  | 5.16 | <10 | 1.76 | 768  | <1 | 0.05  | 90  | 850  | 26 | <5 | <20 | 30 | 0.27 | <10 | 131 | <10 | <1 | 104 |
| 164   | 39+50N 28+00E | <5      | <0.2 | 3.04 | <5 | 115 | <5 | 0.42 | <1 | 25 | 122 | 70  | 4.54 | <10 | 1.27 | 681  | 1  | 0.03  | 56  | 1130 | 10 | <5 | <20 | 26 | 0.24 | <10 | 103 | <10 | 1  | 78  |
| 165   | 39+50N 28+25E | <5      | <0.2 | 4.06 | <5 | 105 | <5 | 0.29 | <1 | 20 | 77  | 62  | 4.56 | <10 | 0.96 | 570  | 3  | 0.02  | 41  | 2920 | 14 | 5  | <20 | 20 | 0.23 | <10 | 93  | <10 | <1 | 72  |
| 166   | 39+50N 28+50E | <5      | <0.2 | 3.43 | 5  | 120 | <5 | 0.44 | <1 | 31 | 101 | 99  | 4.75 | <10 | 1.20 | 869  | 6  | 0.03  | 58  | 1380 | 8  | 10 | <20 | 28 | 0.23 | <10 | 104 | <10 | 3  | 96  |
| 167   | 39+50N 28+75E | <5      | 0.2  | 3.35 | <5 | 135 | <5 | 0.25 | 1  | 40 | 27  | 136 | 4.62 | <10 | 0.57 | 1489 | 3  | 0.02  | 31  | 2160 | 10 | <5 | 20  | 20 | 0.21 | <10 | 82  | <10 | <1 | 120 |
| 168   | 39+50N 29+00E | <5      | <0.2 | 2.65 | <5 | 80  | <5 | 0.60 | 1  | 35 | 77  | 108 | 4.86 | <10 | 0.98 | 758  | 1  | 0.02  | 52  | 870  | 22 | <5 | <20 | 27 | 0.23 | <10 | 118 | <10 | 5  | 86  |
| 169   | 39+50N 29+25E | 5       | <0.2 | 2.69 | <5 | 95  | <5 | 0.66 | 1  | 32 | 52  | 91  | 5.03 | <10 | 1.07 | 1421 | 3  | 0.02  | 39  | 1050 | 28 | <5 | <20 | 25 | 0.19 | <10 | 135 | <10 | 5  | 81  |
| 170   | 39+50N 29+50E | <5      | <0.2 | 2.01 | 20 | 85  | <5 | 0.40 | 1  | 19 | 46  | 74  | 5.80 | <10 | 0.83 | 460  | 4  | 0.02  | 30  | 690  | 20 | <5 | 20  | 21 | 0.20 | <10 | 147 | <10 | <1 | 49  |
| 171   | 39+50N 29+75E | <5      | <0.2 | 3.13 | 30 | 125 | <5 | 0.61 | <1 | 20 | 57  | 74  | 4.14 | <10 | 1.06 | 401  | <1 | 0.02  | 26  | 760  | 10 | <5 | <20 | 38 | 0.24 | <10 | 105 | <10 | 12 | 58  |
| 172   | 39+50N 30+00E | <5      | <0.2 | 2.59 | 15 | 80  | <5 | 0.47 | <1 | 19 | 61  | 62  | 4.47 | <10 | 1.04 | 320  | <1 | 0.02  | 26  | 530  | 10 | <5 | <20 | 34 | 0.25 | <10 | 112 | <10 | 5  | 61  |
| 173   | 39+50N 30+25E | <5      | 0.4  | 2.35 | 20 | 90  | <5 | 0.34 | <1 | 18 | 52  | 47  | 4.04 | <10 | 0.79 | 1603 | 2  | 0.02  | 26  | 1620 | 22 | <5 | <20 | 31 | 0.19 | <10 | 82  | <10 | 2  | 98  |
| 174   | 39+50N 30+50E | 5       | 0.8  | 3.14 | 30 | 90  | <5 | 0.33 | 2  | 19 | 41  | 49  | 3.59 | <10 | 0.61 | 1225 | 5  | 0.02  | 24  | 1050 | 12 | <5 | <20 | 28 | 0.18 | <10 | 71  | <10 | 19 | 153 |
| 175   | 39+50N 30+75E | <5      | <0.2 | 3.36 | 50 | 75  | <5 | 0.10 | <1 | 18 | 24  | 62  | 3.78 | <10 | 0.55 | 977  | 4  | <0.01 | 24  | 1480 | 12 | <5 | <20 | 17 | 0.12 | <10 | 65  | <10 | 6  | 124 |
| 176   | 39+50N 31+00E | <5      | 0.4  | 4.43 | 20 | 75  | <5 | 0.19 | <1 | 16 | 39  | 55  | 4.23 | <10 | 0.52 | 397  | 8  | 0.02  | 55  | 850  | 6  | <5 | 20  | 23 | 0.21 | <10 | 88  | <10 | 8  | 292 |
| 177   | 39+50N 31+25E | <5      | 1.4  | 6.30 | 20 | 145 | <5 | 0.14 | 3  | 31 | 50  | 169 | >10  | <10 | 0.18 | 658  | 38 | <0.01 | 58  | 3870 | 6  | <5 | 40  | 22 | 0.06 | <10 | 170 | <10 | <1 | 250 |
| 178   | 39+50N 31+50E | <5      | 0.4  | 2.86 | 25 | 110 | 5  | 0.53 | 3  | 21 | 48  | 50  | 4.16 | <10 | 0.69 | 2368 | 6  | 0.02  | 36  | 1230 | 18 | <5 | 20  | 45 | 0.12 | <10 | 83  | <10 | 3  | 223 |
| 179   | 39+50N 31+75E | <5      | <0.2 | 2.70 | 85 | 80  | <5 | 0.44 | <1 | 18 | 57  | 41  | 3.67 | <10 | 0.90 | 883  | 2  | 0.02  | 26  | 780  | 20 | <5 | <20 | 38 | 0.19 | <10 | 82  | <10 | 5  | 138 |
| 180   | 39+50N 32+00E | <5      | 0.2  | 2.88 | 10 | 65  | <5 | 0.16 | <1 | 11 | 33  | 38  | 4.01 | <10 | 0.42 | 328  | 3  | 0.01  | 16  | 970  | 6  | <5 | 20  | 17 | 0.18 | <10 | 81  | <10 | 2  | 83  |
| 181   | 40+50N 26+00E | <5      | <0.2 | 2.92 | <5 | 115 | <5 | 0.46 | <1 | 19 | 77  | 52  | 3.92 | <10 | 1.03 | 999  | 6  | 0.02  | 28  | 770  | <2 | <5 | <20 | 35 | 0.18 | <10 | 88  | <10 | 2  | 47  |
| 182   | 40+50N 26+25E | <5      | <0.2 | 3.23 | <5 | 115 | 5  | 0.35 | <1 | 18 | 61  | 31  | 4.08 | <10 | 0.85 | 825  | 8  | 0.02  | 19  | 660  | 8  | <5 | <20 | 28 | 0.21 | <10 | 88  | <10 | 8  | 65  |
| 183   | 40+50N 26+50E | <5      | <0.2 | 2.46 | <5 | 90  | <5 | 0.35 | <1 | 19 | 90  | 45  | 4.12 | <10 | 0.99 | 888  | <1 | 0.02  | 32  | 960  | 14 | 5  | <20 | 21 | 0.23 | <10 | 97  | <10 | 1  | 60  |
| 184   | 40+50N 26+75E | <5      | 0.4  | 4.80 | <5 | 70  | <5 | 0.18 | <1 | 15 | 64  | 87  | 3.99 | <10 | 0.70 | 425  | 2  | 0.01  | 29  | 1840 | 10 | <5 | <20 | 12 | 0.21 | <10 | 77  | <10 | 2  | 59  |
| 185   | 40+50N 27+00E | <5      | 0.4  | 3.52 | <5 | 100 | <5 | 0.30 | <1 | 22 | 88  | 59  | 4.30 | <10 | 0.89 | 1042 | <1 | 0.02  | 36  | 1160 | 10 | <5 | <20 | 22 | 0.29 | <10 | 99  | <10 | 6  | 81  |
| 186   | 40+50N 27+25E | <5      | 0.6  | 3.75 | <5 | 95  | <5 | 0.38 | 1  | 24 | 88  | 102 | 4.63 | <10 | 1.15 | 576  | 2  | 0.03  | 33  | 1590 | 8  | 15 | <20 | 16 | 0.26 | <10 | 109 | <10 | 1  | 98  |
| 187   | 40+50N 27+50E | <5      | <0.2 | 3.82 | <5 | 80  | <5 | 0.46 | <1 | 23 | 96  | 70  | 4.09 | <10 | 0.95 | 481  | <1 | 0.03  | 37  | 1860 | 10 | <5 | <20 | 14 | 0.24 | <10 | 80  | <10 | 2  | 87  |
| 188   | 40+50N 27+75E | 5       | <0.2 | 3.31 | <5 | 90  | <5 | 0.50 | <1 | 29 | 153 | 80  | 4.68 | <10 | 1.33 | 1098 | <1 | 0.03  | 63  | 1310 | 8  | <5 | <20 | 23 | 0.25 | <10 | 112 | <10 | <1 | 92  |
| 189   | 40+50N 28+00E | <5      | <0.2 | 3.35 | <5 | 80  | 5  | 0.37 | <1 | 20 | 129 | 60  | 4.32 | <10 | 1.02 | 342  | <1 | 0.03  | 45  | 1350 | 8  | <5 | <20 | 17 | 0.25 | <10 | 99  | <10 | 2  | 53  |
| 190   | 40+50N 28+25E | <5      | <0.2 | 3.84 | <5 | 75  | <5 | 0.55 | <1 | 32 | 205 | 124 | 4.91 | <10 | 1.44 | 495  | <1 | 0.04  | 92  | 1290 | 6  | <5 | <20 | 20 | 0.26 | <10 | 112 | <10 | <1 | 70  |
| 191   | 40+50N 28+50E | <5      | <0.2 | 3.78 | 5  | 80  | <5 | 0.33 | <1 | 25 | 78  | 73  | 4.32 | <10 | 1.01 | 673  | 10 | 0.02  | 49  | 1450 | 10 | 5  | <20 | 21 | 0.24 | <10 | 95  | <10 | 2  | 85  |
| 192   | 40+50N 28+75E | 5       | <0.2 | 2.81 | <5 | 65  | 5  | 0.24 | <1 | 15 | 44  | 52  | 3.83 | <10 | 0.60 | 515  | 3  | 0.01  | 20  | 1730 | 12 | 5  | 20  | 19 | 0.20 | <10 | 77  | <10 | 3  | 58  |
| 193   | 40+50N 29+00E | <5      | <0.2 | 2.78 | 5  | 80  | <5 | 0.34 | 1  | 23 | 39  | 59  | 3.03 | <10 | 0.64 | 2208 | 3  | 0.02  | 24  | 1020 | 24 | <5 | <20 | 23 | 0.11 | <10 | 62  | <10 | 7  | 88  |
| 194   | 40+50N 29+25E | <5      | <0.2 | 2.97 | 10 | 65  | <5 | 0.46 | <1 | 41 | 83  | 194 | 5.17 | <10 | 1.08 | 718  | 2  | 0.02  | 69  | 1060 | 14 | <5 | <20 | 30 | 0.25 | <10 | 118 | <10 | 8  | 77  |
| 195   | 40+50N 29+50E | <5      | <0.2 | 3.28 | 10 | 105 | <5 | 0.51 | <1 | 74 | 67  | 175 | 7.28 | <10 | 1.78 | 873  | 1  | 0.02  | 138 | 890  | 6  | <5 | 20  | 21 | 0.34 | <10 | 229 | <10 | 14 | 104 |

## ROSSMIN EXPLORATIONS LTD.

## ICP CERTIFICATE OF ANALYSIS AK 96-1273

## ECO-TECH LABORATORIES LTD.

| Et #.           | Tag #         | Au(ppb) | Ag   | Al % | As | Ba  | Bi | Ca % | Cd | Co | Cr  | Cu  | Fe % | La  | Mg % | Mn   | Mo | Na %  | Ni | P    | Pb | Sb | Sn  | Sr | Ti % | U   | V   | W   | Y  | Zn  |  |
|-----------------|---------------|---------|------|------|----|-----|----|------|----|----|-----|-----|------|-----|------|------|----|-------|----|------|----|----|-----|----|------|-----|-----|-----|----|-----|--|
| 196             | 40+50N 29+75E | <5      | <0.2 | 2.21 | <5 | 90  | <5 | 0.48 | <1 | 17 | 59  | 40  | 4.33 | <10 | 1.00 | 479  | <1 | 0.02  | 21 | 1310 | 10 | <5 | <20 | 37 | 0.23 | <10 | 99  | <10 | 1  | 57  |  |
| 197             | 40+50N 30+00E | <5      | <0.2 | 2.79 | <5 | 80  | <5 | 0.26 | <1 | 15 | 43  | 78  | 4.23 | <10 | 0.67 | 355  | 3  | 0.02  | 19 | 1990 | 10 | <5 | 20  | 21 | 0.20 | <10 | 83  | <10 | <1 | 61  |  |
| 198             | 40+50N 30+25E | <5      | <0.2 | 3.21 | 25 | 70  | <5 | 0.23 | <1 | 23 | 46  | 110 | 5.65 | <10 | 0.77 | 543  | 6  | 0.01  | 25 | 1750 | 14 | <5 | 20  | 16 | 0.21 | <10 | 102 | <10 | 5  | 64  |  |
| 199             | 40+50N 30+50E | <5      | <0.2 | 4.33 | 15 | 100 | <5 | 0.23 | <1 | 16 | 22  | 39  | 4.08 | <10 | 0.44 | 707  | 4  | 0.01  | 15 | 1520 | 16 | <5 | 20  | 16 | 0.20 | <10 | 66  | <10 | 2  | 109 |  |
| 200             | 40+50N 30+75E | <5      | 0.2  | 3.42 | 10 | 65  | <5 | 0.22 | <1 | 15 | 60  | 50  | 4.27 | <10 | 0.80 | 353  | 1  | 0.01  | 20 | 1930 | 14 | <5 | <20 | 20 | 0.24 | <10 | 89  | <10 | 4  | 54  |  |
| 201             | 40+50N 31+00E | <5      | <0.2 | 2.45 | 5  | 70  | 5  | 0.17 | <1 | 11 | 36  | 28  | 3.58 | <10 | 0.49 | 345  | <1 | 0.01  | 15 | 780  | 32 | <5 | 20  | 20 | 0.20 | <10 | 79  | <10 | 3  | 52  |  |
| 202             | 40+50N 31+25E | <5      | 0.2  | 4.67 | 10 | 50  | 5  | 0.12 | <1 | 10 | 38  | 25  | 3.81 | <10 | 0.35 | 257  | 3  | 0.01  | 13 | 1900 | 16 | <5 | 20  | 12 | 0.23 | <10 | 78  | <10 | 2  | 103 |  |
| 203             | 40+50N 31+50E | <5      | 0.4  | 4.10 | <5 | 65  | <5 | 0.30 | 1  | 20 | 54  | 65  | 4.73 | <10 | 0.52 | 871  | 9  | 0.02  | 35 | 1770 | 18 | <5 | 20  | 23 | 0.18 | <10 | 105 | <10 | 11 | 190 |  |
| 204             | 40+50N 31+75E | <5      | 0.2  | 2.82 | 55 | 80  | 5  | 0.29 | <1 | 17 | 53  | 36  | 4.26 | <10 | 0.81 | 1219 | 5  | 0.01  | 22 | 1450 | 18 | 10 | <20 | 27 | 0.10 | <10 | 74  | <10 | 4  | 115 |  |
| 205             | 40+50N 32+00E | <5      | <0.2 | 3.16 | 10 | 75  | 5  | 0.18 | 1  | 11 | 27  | 25  | 3.15 | <10 | 0.33 | 466  | 2  | 0.02  | 14 | 1020 | 28 | <5 | 20  | 15 | 0.22 | <10 | 61  | <10 | 6  | 97  |  |
| <b>QC DATA:</b> |               |         |      |      |    |     |    |      |    |    |     |     |      |     |      |      |    |       |    |      |    |    |     |    |      |     |     |     |    |     |  |
| <b>Repeat:</b>  |               |         |      |      |    |     |    |      |    |    |     |     |      |     |      |      |    |       |    |      |    |    |     |    |      |     |     |     |    |     |  |
| 1               | 29+50N 29+00E | <5      | <0.2 | 4.62 | 20 | 120 | 5  | 0.36 | 1  | 23 | 70  | 68  | 5.12 | <10 | 0.95 | 574  | 5  | 0.01  | 42 | 2820 | 16 | 5  | <20 | 28 | 0.18 | <10 | 97  | <10 | 4  | 170 |  |
| 10              | 29+50N 31+25E | <5      | <0.2 | 4.32 | 30 | 95  | 5  | 0.41 | 2  | 30 | 93  | 78  | 5.66 | <10 | 0.97 | 910  | 5  | 0.01  | 51 | 940  | 12 | 5  | <20 | 33 | 0.24 | <10 | 131 | <10 | 3  | 153 |  |
| 19              | 29+50N 33+50E | <5      | <0.2 | 2.68 | <5 | 100 | 5  | 0.46 | 1  | 22 | 94  | 46  | 4.34 | <10 | 0.96 | 1089 | 1  | 0.01  | 30 | 1220 | 14 | <5 | <20 | 33 | 0.22 | <10 | 88  | <10 | 2  | 108 |  |
| 28              | 29+50N 35+75E | <5      | <0.2 | 4.41 | 15 | 135 | 15 | 0.39 | 4  | 25 | 83  | 40  | 4.82 | <10 | 1.29 | 1044 | 3  | 0.01  | 40 | 2210 | 22 | 5  | <20 | 28 | 0.28 | <10 | 107 | <10 | 3  | 316 |  |
| 36              | 30+50N 30+00E | <5      | <0.2 | 2.24 | 5  | 110 | <5 | 0.71 | <1 | 20 | 104 | 64  | 4.02 | <10 | 1.12 | 469  | <1 | 0.03  | 37 | 810  | 12 | <5 | <20 | 36 | 0.23 | <10 | 97  | <10 | 12 | 47  |  |
| 45              | 30+50N 32+25E | <5      | <0.2 | 3.68 | 10 | 145 | <5 | 0.49 | 3  | 29 | 92  | 88  | 5.54 | <10 | 1.06 | 904  | 6  | 0.01  | 50 | 1290 | 18 | 5  | <20 | 37 | 0.20 | <10 | 132 | <10 | 3  | 147 |  |
| 54              | 30+50N 34+50E | <5      | 0.2  | 2.41 | <5 | 100 | 5  | 0.35 | 1  | 22 | 118 | 70  | 4.97 | <10 | 1.08 | 608  | 2  | 0.01  | 33 | 1160 | 16 | <5 | <20 | 27 | 0.18 | <10 | 100 | <10 | 5  | 85  |  |
| 63              | 30+50N 37+00E | <5      | <0.2 | 2.97 | <5 | 80  | 5  | 0.30 | 3  | 28 | 128 | 81  | 5.70 | <10 | 1.62 | 621  | 4  | <0.01 | 55 | 840  | 16 | 20 | <20 | 20 | 0.22 | <10 | 123 | <10 | 4  | 212 |  |
| 71              | 31+50N 30+75E | <5      | 0.6  | 4.47 | 60 | 185 | <5 | 0.61 | 2  | 29 | 96  | 80  | 5.12 | <10 | 1.10 | 1349 | 4  | 0.01  | 44 | 1340 | 18 | 10 | <20 | 51 | 0.14 | <10 | 102 | <10 | 24 | 130 |  |
| 80              | 31+50N 33+00E | <5      | 0.4  | 2.64 | <5 | 180 | <5 | 0.50 | 2  | 23 | 109 | 58  | 4.59 | <10 | 1.18 | 1451 | 3  | 0.01  | 34 | 1840 | 12 | 10 | <20 | 43 | 0.16 | <10 | 98  | <10 | 1  | 138 |  |
| 89              | 32+50N 30+00E | <5      | 0.4  | 2.44 | 15 | 85  | <5 | 0.65 | 3  | 22 | 92  | 62  | 4.07 | <10 | 0.86 | 1151 | 3  | 0.01  | 28 | 1090 | 18 | <5 | <20 | 45 | 0.13 | <10 | 80  | <10 | 19 | 154 |  |
| 98              | 32+50N 32+25E | <5      | <0.2 | 3.78 | <5 | 105 | <5 | 0.29 | <1 | 26 | 85  | 74  | 4.97 | <10 | 0.96 | 632  | 5  | 0.02  | 40 | 990  | 8  | <5 | <20 | 31 | 0.20 | <10 | 127 | <10 | 5  | 116 |  |
| 106             | 37+50N 26+00E | <5      | 0.6  | 2.71 | 5  | 50  | <5 | 0.53 | <1 | 23 | 68  | 95  | 3.55 | 10  | 0.67 | 918  | 2  | 0.02  | 19 | 690  | 4  | <5 | <20 | 32 | 0.15 | <10 | 82  | <10 | 16 | 36  |  |
| 115             | 37+50N 28+25E | <5      | <0.2 | 2.36 | <5 | 65  | <5 | 0.73 | 1  | 21 | 74  | 82  | 3.55 | <10 | 0.87 | 835  | 2  | 0.02  | 30 | 700  | 12 | <5 | <20 | 38 | 0.15 | <10 | 84  | <10 | 7  | 55  |  |
| 124             | 37+50N 30+50E | <5      | 0.6  | 3.15 | 25 | 65  | <5 | 0.77 | 3  | 25 | 69  | 82  | 4.33 | <10 | 0.84 | 1100 | 6  | 0.01  | 48 | 880  | 8  | <5 | <20 | 48 | 0.13 | <10 | 82  | <10 | 29 | 252 |  |
| 133             | 38+50N 26+50E | <5      | <0.2 | 2.95 | <5 | 105 | <5 | 0.94 | 1  | 31 | 197 | 129 | 4.94 | <10 | 1.59 | 561  | <1 | 0.05  | 60 | 480  | 18 | 10 | <20 | 46 | 0.26 | <10 | 128 | <10 | 7  | 53  |  |
| 141             | 38+50N 28+50E | <5      | 0.4  | 2.77 | <5 | 130 | <5 | 0.43 | 1  | 22 | 47  | 58  | 4.08 | <10 | 0.84 | 1512 | 2  | 0.02  | 25 | 1810 | 20 | <5 | <20 | 29 | 0.19 | <10 | 93  | <10 | 1  | 99  |  |
| 150             | 38+50N 30+75E | <5      | 0.6  | 2.38 | 35 | 50  | <5 | 1.57 | 7  | 12 | 45  | 49  | 2.69 | <10 | 0.67 | 998  | 6  | 0.02  | 24 | 1670 | 46 | <5 | <20 | 62 | 0.06 | <10 | 62  | <10 | 13 | 171 |  |
| 159             | 39+50N 26+75E | <5      | <0.2 | 3.03 | <5 | 110 | <5 | 0.75 | 2  | 25 | 107 | 87  | 4.14 | <10 | 1.14 | 997  | 2  | 0.03  | 40 | 1230 | 26 | 10 | <20 | 41 | 0.17 | <10 | 98  | <10 | 4  | 83  |  |
| 168             | 39+50N 29+00E | <5      | <0.2 | 2.73 | 5  | 80  | <5 | 0.58 | 1  | 34 | 76  | 112 | 4.76 | <10 | 1.00 | 747  | 2  | 0.02  | 51 | 850  | 20 | <5 | <20 | 28 | 0.22 | <10 | 118 | <10 | 4  | 81  |  |
| 176             | 39+50N 31+00E | <5      | 0.2  | 4.31 | 25 | 70  | <5 | 0.19 | 1  | 16 | 39  | 53  | 4.34 | <10 | 0.51 | 405  | 8  | 0.02  | 59 | 890  | 8  | <5 | 20  | 20 | 0.22 | <10 | 88  | <10 | 8  | 313 |  |


ROSSMIN EXPLORATIONS LTD.

ICP CERTIFICATE OF ANALYSIS AK 96-1273

ECO-TECH LABORATORIES LTD.

| Et #.            | Tag #         | Au(ppb) | Ag   | Al % | As | Ba  | Bi | Ca % | Cd | Co | Cr | Cu  | Fe % | La  | Mg % | Mn   | Mo | Na % | Ni | P    | Pb | Sb | Sn  | Sr | Ti % | U   | V   | W   | Y  | Zn |
|------------------|---------------|---------|------|------|----|-----|----|------|----|----|----|-----|------|-----|------|------|----|------|----|------|----|----|-----|----|------|-----|-----|-----|----|----|
| 185              | 40+50N 27+00E | <5      | 0.4  | 3.63 | <5 | 100 | 5  | 0.31 | <1 | 24 | 94 | 62  | 4.56 | <10 | 0.92 | 1115 | <1 | 0.02 | 38 | 1210 | 12 | <5 | <20 | 21 | 0.30 | <10 | 103 | <10 | 5  | 87 |
| 194              | 40+50N 29+25E | <5      | <0.2 | 2.98 | <5 | 65  | <5 | 0.46 | 1  | 42 | 84 | 194 | 5.26 | <10 | 1.09 | 726  | 2  | 0.02 | 70 | 1100 | 16 | 5  | <20 | 28 | 0.23 | <10 | 118 | <10 | 8  | 79 |
| <b>Standard:</b> |               |         |      |      |    |     |    |      |    |    |    |     |      |     |      |      |    |      |    |      |    |    |     |    |      |     |     |     |    |    |
| GEO'96           |               | 140     | 1.6  | 1.84 | 60 | 150 | <5 | 1.86 | 1  | 20 | 64 | 77  | 4.27 | <10 | 1.06 | 719  | 2  | 0.02 | 24 | 680  | 18 | 5  | <20 | 55 | 0.16 | <10 | 81  | <10 | 9  | 66 |
| GEO'96           |               | 145     | 1.0  | 1.83 | 70 | 150 | <5 | 1.88 | 2  | 20 | 63 | 79  | 4.31 | <10 | 1.04 | 734  | 1  | 0.02 | 20 | 720  | 22 | 5  | <20 | 52 | 0.15 | <10 | 80  | <10 | 9  | 66 |
| GEO'96           |               | 145     | 1.6  | 1.75 | 70 | 160 | <5 | 1.81 | <1 | 18 | 64 | 79  | 3.75 | <10 | 1.09 | 649  | 2  | 0.02 | 24 | 700  | 18 | 10 | <20 | 55 | 0.12 | <10 | 73  | <10 | 9  | 72 |
| GEO'96           |               | 150     | 1.6  | 1.99 | 65 | 150 | <5 | 1.90 | <1 | 19 | 63 | 83  | 4.05 | <10 | 1.04 | 682  | 1  | 0.02 | 20 | 630  | 18 | 5  | <20 | 67 | 0.14 | <10 | 83  | <10 | 11 | 70 |
| GEO'96           |               | 150     | 1.6  | 2.00 | 65 | 145 | <5 | 1.68 | <1 | 20 | 60 | 84  | 3.87 | <10 | 1.06 | 660  | 3  | 0.02 | 26 | 690  | 18 | 5  | <20 | 60 | 0.13 | <10 | 82  | <10 | 9  | 70 |
| GEO'96           |               | 145     | 1.2  | 1.90 | 70 | 150 | <5 | 1.85 | 1  | 20 | 66 | 87  | 4.23 | <10 | 1.04 | 719  | 2  | 0.03 | 20 | 640  | 18 | 5  | <20 | 65 | 0.14 | <10 | 87  | <10 | 10 | 72 |

dt/1273/1273a  
XLS/96KMISC#12

  
ECO-TECH LABORATORIES LTD.  
Frank J. Pezzotti, A.Sc.T.  
B.C. Certified Assayer



13-Nov-96

ECO-TECH LABORATORIES LTD.  
10041 East Trans Canada Highway  
KAMLOOPS, B.C.  
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 96-1274

ROSSMIN EXPLORATIONS LTD.  
302, 608 - 7TH STREET S.W.  
CALGARY, ALBERTA  
T2P 1Z2

Phone: 604-573-5700  
Fax : 604-573-4557

ATTENTION: WILLIAM R. HOWARD

No. of samples received: 563  
Sample type: SOIL  
PROJECT #: BADGER EXPLORATIONS  
SHIPMENT #: NONE GIVEN  
Samples submitted by: NOT INDICATED

Values in ppm unless otherwise reported

| Et # | Tag #              | Au(ppb) | Ag   | Al % | As | Ba  | Bi | Ca % | Cd | Co | Cr  | Cu | Fe % | La  | Mg % | Mn   | Mo | Na % | Ni | P    | Pb | Sb | Sn  | Sr | Ti % | U   | V   | W   | Y  | Zn  |
|------|--------------------|---------|------|------|----|-----|----|------|----|----|-----|----|------|-----|------|------|----|------|----|------|----|----|-----|----|------|-----|-----|-----|----|-----|
| 1    | B/L 32+00E 18+00 N | <5      | 0.4  | 2.83 | <5 | 180 | <5 | 0.51 | 3  | 28 | 81  | 44 | 5.21 | <10 | 1.17 | 1243 | 3  | 0.02 | 38 | 2280 | 20 | <5 | <20 | 29 | 0.14 | <10 | 122 | <10 | 1  | 244 |
| 2    | B/L 32+00E 18+25 N | <5      | 0.8  | 2.15 | <5 | 125 | <5 | 0.70 | 3  | 24 | 85  | 40 | 4.55 | <10 | 0.98 | 696  | 2  | 0.02 | 38 | 1960 | 22 | <5 | <20 | 31 | 0.14 | <10 | 99  | <10 | 3  | 206 |
| 3    | B/L 32+00E 18+50 N | <5      | 0.2  | 2.70 | <5 | 180 | 10 | 0.44 | 4  | 23 | 57  | 28 | 4.26 | <10 | 0.72 | 1292 | 1  | 0.02 | 31 | 2550 | 32 | <5 | <20 | 25 | 0.18 | <10 | 86  | <10 | 3  | 298 |
| 4    | B/L 32+00E 18+75 N | <5      | <0.2 | 2.90 | <5 | 140 | 10 | 0.71 | 2  | 26 | 88  | 36 | 4.80 | <10 | 0.85 | 936  | 1  | 0.03 | 37 | 1700 | 22 | <5 | <20 | 32 | 0.20 | <10 | 105 | <10 | 3  | 185 |
| 5    | B/L 32+00E 19+00 N | <5      | 0.2  | 2.60 | <5 | 175 | 10 | 0.74 | 2  | 23 | 76  | 26 | 4.49 | <10 | 0.65 | 1217 | <1 | 0.03 | 26 | 2970 | 22 | <5 | <20 | 36 | 0.19 | <10 | 94  | <10 | 4  | 169 |
| 6    | B/L 32+00E 19+25 N | <5      | <0.2 | 3.00 | <5 | 220 | 10 | 0.55 | 5  | 25 | 69  | 31 | 4.77 | <10 | 0.74 | 1187 | 4  | 0.02 | 31 | 4040 | 24 | 5  | 20  | 33 | 0.16 | <10 | 94  | <10 | 2  | 257 |
| 7    | B/L 32+00E 19+50 N | <5      | 0.2  | 2.92 | <5 | 160 | 10 | 0.55 | 2  | 24 | 67  | 31 | 4.60 | <10 | 0.66 | 1804 | <1 | 0.02 | 26 | 1710 | 24 | <5 | <20 | 27 | 0.23 | <10 | 94  | <10 | 5  | 153 |
| 8    | B/L 32+00E 19+75 N | <5      | 0.2  | 2.46 | <5 | 120 | 10 | 0.44 | 2  | 21 | 66  | 25 | 4.56 | <10 | 0.61 | 591  | <1 | 0.02 | 24 | 2290 | 22 | <5 | <20 | 19 | 0.20 | <10 | 90  | <10 | 2  | 156 |
| 9    | B/L 32+00E 20+00 N | 5       | 0.4  | 2.62 | <5 | 190 | 5  | 0.54 | 3  | 23 | 64  | 31 | 4.23 | <10 | 0.63 | 1230 | <1 | 0.02 | 26 | 3370 | 24 | <5 | <20 | 28 | 0.17 | <10 | 84  | <10 | 2  | 222 |
| 10   | B/L 32+00E 20+25 N | <5      | <0.2 | 2.91 | <5 | 115 | 10 | 0.76 | 2  | 27 | 81  | 54 | 5.11 | <10 | 0.77 | 1054 | <1 | 0.02 | 32 | 1220 | 28 | <5 | <20 | 41 | 0.25 | <10 | 112 | <10 | 14 | 128 |
| 11   | B/L 32+00E 20+50 N | <5      | <0.2 | 2.46 | <5 | 200 | 5  | 0.54 | 1  | 20 | 64  | 26 | 4.14 | <10 | 0.55 | 1658 | <1 | 0.02 | 23 | 2130 | 22 | <5 | <20 | 29 | 0.20 | <10 | 82  | <10 | 2  | 151 |
| 12   | B/L 32+00E 20+75 N | 5       | 0.2  | 3.26 | <5 | 115 | 10 | 0.49 | 1  | 22 | 63  | 33 | 4.36 | <10 | 0.65 | 871  | <1 | 0.02 | 26 | 2240 | 28 | <5 | <20 | 25 | 0.21 | <10 | 81  | <10 | 3  | 136 |
| 13   | B/L 32+00E 21+00 N | <5      | 0.2  | 3.25 | 10 | 140 | 5  | 0.61 | 1  | 23 | 72  | 36 | 4.84 | <10 | 0.70 | 981  | <1 | 0.02 | 28 | 2360 | 26 | <5 | 20  | 35 | 0.21 | <10 | 91  | <10 | 4  | 178 |
| 14   | B/L 32+00E 21+25 N | <5      | 0.2  | 3.02 | <5 | 115 | 5  | 0.75 | 2  | 24 | 76  | 43 | 4.60 | <10 | 0.73 | 1500 | 1  | 0.02 | 27 | 1730 | 24 | <5 | <20 | 38 | 0.19 | <10 | 92  | <10 | 11 | 149 |
| 15   | B/L 32+00E 21+50 N | 5       | 0.8  | 2.43 | <5 | 75  | 5  | 1.08 | 2  | 20 | 69  | 31 | 3.94 | <10 | 0.60 | 1498 | <1 | 0.03 | 22 | 850  | 26 | <5 | <20 | 54 | 0.15 | <10 | 80  | <10 | 17 | 107 |
| 16   | B/L 32+00E 21+75 N | <5      | 0.4  | 2.93 | <5 | 115 | 10 | 0.65 | 2  | 23 | 68  | 35 | 4.44 | <10 | 0.63 | 1060 | <1 | 0.02 | 25 | 1370 | 30 | <5 | <20 | 34 | 0.20 | <10 | 88  | <10 | 11 | 140 |
| 17   | B/L 32+00E 22+00 N | <5      | <0.2 | 2.61 | <5 | 160 | 5  | 0.83 | 2  | 24 | 91  | 43 | 4.78 | <10 | 0.84 | 933  | 2  | 0.02 | 31 | 1810 | 22 | 10 | <20 | 38 | 0.16 | <10 | 102 | <10 | 2  | 146 |
| 18   | B/L 32+00E 22+25 N | <5      | <0.2 | 2.84 | <5 | 115 | 5  | 1.00 | 2  | 27 | 110 | 64 | 5.14 | <10 | 1.05 | 602  | 2  | 0.02 | 36 | 1700 | 20 | 5  | <20 | 49 | 0.17 | <10 | 110 | <10 | 5  | 104 |
| 19   | B/L 32+00E 22+50 N | <5      | <0.2 | 2.82 | <5 | 110 | 10 | 0.82 | 1  | 26 | 91  | 58 | 4.93 | <10 | 0.98 | 718  | <1 | 0.02 | 35 | 770  | 22 | <5 | <20 | 43 | 0.21 | <10 | 101 | <10 | 7  | 128 |
| 20   | B/L 32+00E 22+75 N | <5      | 0.4  | 2.67 | <5 | 180 | <5 | 0.85 | 2  | 25 | 74  | 55 | 4.71 | <10 | 0.79 | 1450 | <1 | 0.02 | 28 | 1960 | 24 | <5 | <20 | 48 | 0.20 | <10 | 89  | <10 | 3  | 186 |

| Et# | Tag#             | Au(ppb) | Ag | Al % | As   | Ba | Bi  | Ca % | Cd   | Co | Cr | Cu  | Fe % | La   | Mg % | Mn   | Mo   | Na % | Ni   | P  | Pb   | Sb | Sn | Sr  | Ti % | U    | V   | W   | Y   | Zn |     |
|-----|------------------|---------|----|------|------|----|-----|------|------|----|----|-----|------|------|------|------|------|------|------|----|------|----|----|-----|------|------|-----|-----|-----|----|-----|
| 21  | B/L 32+00E 23+00 | N       | <5 | <0.2 | 2.49 | <5 | 130 | <5   | 0.74 | 1  | 26 | 103 | 54   | 5.00 | <10  | 1.08 | 1081 | 1    | 0.02 | 32 | 1810 | 20 | <5 | <20 | 40   | 0.17 | <10 | 102 | <10 | 1  | 126 |
| 22  | B/L 32+00E 23+25 | N       | <5 | 0.4  | 2.54 | <5 | 145 | 10   | 0.96 | 2  | 24 | 78  | 35   | 4.98 | <10  | 0.79 | 1517 | 1    | 0.02 | 26 | 2150 | 28 | <5 | <20 | 49   | 0.19 | <10 | 93  | <10 | 2  | 182 |
| 23  | B/L 32+00E 23+50 | N       | 5  | 0.4  | 2.22 | <5 | 105 | 10   | 0.65 | 1  | 24 | 64  | 29   | 4.93 | <10  | 0.58 | 854  | 1    | 0.03 | 20 | 1210 | 24 | <5 | 20  | 33   | 0.20 | <10 | 96  | <10 | 4  | 125 |
| 24  | B/L 32+00E 23+75 | N       | <5 | <0.2 | 2.74 | <5 | 115 | 15   | 0.46 | 2  | 21 | 69  | 29   | 5.13 | <10  | 0.61 | 642  | <1   | 0.02 | 21 | 2440 | 22 | <5 | 20  | 24   | 0.21 | <10 | 104 | <10 | <1 | 132 |
| 25  | B/L 32+00E 24+00 | N       | <5 | 0.4  | 3.31 | <5 | 95  | 10   | 0.56 | 2  | 21 | 68  | 35   | 4.66 | <10  | 0.57 | 1165 | 1    | 0.03 | 21 | 2550 | 22 | <5 | 20  | 22   | 0.16 | <10 | 102 | <10 | 2  | 107 |
| 26  | B/L 32+00E 24+25 | N       | <5 | <0.2 | 4.06 | <5 | 90  | 10   | 0.48 | 1  | 19 | 58  | 30   | 4.36 | <10  | 0.50 | 401  | 1    | 0.02 | 22 | 1730 | 24 | <5 | <20 | 21   | 0.20 | <10 | 94  | <10 | 4  | 107 |
| 27  | B/L 32+00E 24+50 | N       | <5 | <0.2 | 2.76 | <5 | 120 | 15   | 0.52 | 2  | 22 | 56  | 26   | 5.37 | <10  | 0.57 | 846  | 1    | 0.02 | 21 | 2740 | 22 | <5 | 20  | 21   | 0.22 | <10 | 104 | <10 | <1 | 143 |
| 28  | B/L 32+00E 24+75 | N       | <5 | <0.2 | 3.08 | <5 | 85  | 10   | 0.59 | 1  | 19 | 56  | 27   | 4.98 | <10  | 0.61 | 630  | 2    | 0.02 | 22 | 2440 | 22 | <5 | 20  | 25   | 0.17 | <10 | 114 | <10 | 3  | 124 |
| 29  | B/L 32+00E 25+00 | N       | <5 | 0.2  | 2.46 | <5 | 125 | 5    | 0.64 | 1  | 21 | 99  | 32   | 4.92 | <10  | 0.77 | 921  | <1   | 0.02 | 27 | 2220 | 20 | <5 | <20 | 39   | 0.21 | <10 | 101 | <10 | 1  | 144 |
| 30  | B/L 32+00E 25+25 | N       | <5 | <0.2 | 1.80 | <5 | 70  | 5    | 0.66 | 1  | 23 | 146 | 38   | 4.76 | <10  | 1.00 | 646  | <1   | 0.02 | 32 | 930  | 18 | <5 | <20 | 37   | 0.20 | <10 | 107 | <10 | <1 | 80  |
| 31  | B/L 32+00E 25+50 | N       | 5  | 0.6  | 2.87 | <5 | 140 | 5    | 0.65 | 2  | 18 | 62  | 29   | 4.15 | <10  | 0.53 | 1833 | 1    | 0.03 | 19 | 3300 | 24 | <5 | 20  | 34   | 0.15 | <10 | 78  | <10 | 1  | 159 |
| 32  | B/L 32+00E 25+75 | N       | <5 | <0.2 | 2.59 | <5 | 145 | 15   | 0.66 | 2  | 22 | 66  | 32   | 4.82 | <10  | 0.55 | 1061 | <1   | 0.02 | 23 | 1360 | 22 | <5 | 20  | 34   | 0.21 | <10 | 98  | <10 | 1  | 132 |
| 33  | B/L 32+00E 26+00 | N       | <5 | 0.4  | 1.54 | <5 | 80  | 10   | 0.52 | 1  | 17 | 50  | 20   | 4.46 | <10  | 0.42 | 663  | <1   | 0.02 | 15 | 840  | 20 | <5 | <20 | 24   | 0.22 | <10 | 105 | <10 | 3  | 104 |
| 34  | L18N 26+00       | E       | <5 | 0.8  | 3.89 | 10 | 230 | <5   | 0.50 | 3  | 36 | 36  | 44   | 4.80 | <10  | 0.72 | 2309 | 4    | 0.02 | 27 | 4450 | 34 | <5 | 20  | 34   | 0.16 | <10 | 79  | <10 | 11 | 256 |
| 35  | L18N 26+75       | E       | <5 | 0.8  | 3.26 | 10 | 245 | 5    | 0.48 | 5  | 25 | 38  | 40   | 5.12 | <10  | 0.91 | 2215 | 4    | 0.03 | 36 | 1430 | 30 | <5 | <20 | 33   | 0.19 | <10 | 106 | <10 | 8  | 319 |
| 36  | L18N 27+00       | E       | <5 | 0.2  | 3.26 | 5  | 250 | <5   | 0.56 | 10 | 24 | 46  | 41   | 5.30 | <10  | 1.14 | 1859 | 5    | 0.02 | 59 | 2150 | 24 | <5 | 20  | 52   | 0.17 | <10 | 104 | <10 | 7  | 525 |
| 37  | L18N 27+25       | E       | <5 | <0.2 | 4.49 | 10 | 245 | 10   | 0.54 | 6  | 25 | 56  | 55   | 5.98 | <10  | 1.86 | 1411 | 10   | 0.02 | 76 | 2360 | 34 | 10 | <20 | 34   | 0.20 | <10 | 154 | <10 | 17 | 609 |
| 38  | L18N 27+50       | E       | <5 | 0.2  | 3.90 | 10 | 295 | 10   | 0.60 | 8  | 31 | 68  | 44   | 6.16 | <10  | 1.59 | 1825 | 5    | 0.01 | 79 | 3250 | 32 | <5 | <20 | 51   | 0.17 | <10 | 122 | <10 | 7  | 906 |
| 39  | L18N 27+75       | E       | <5 | 0.4  | 3.82 | <5 | 210 | 10   | 0.54 | 5  | 25 | 53  | 49   | 5.43 | <10  | 1.12 | 1007 | 3    | 0.02 | 66 | 2200 | 30 | <5 | <20 | 43   | 0.21 | <10 | 108 | <10 | 8  | 441 |
| 40  | L18N 28+00       | E       | <5 | 0.4  | 3.85 | 10 | 210 | 10   | 0.55 | 6  | 24 | 52  | 51   | 5.23 | <10  | 1.05 | 833  | 3    | 0.02 | 59 | 3580 | 30 | <5 | <20 | 44   | 0.20 | <10 | 102 | <10 | 15 | 499 |
| 41  | L18N 28+25       | E       | <5 | 0.2  | 3.63 | 10 | 235 | 5    | 0.45 | 5  | 26 | 53  | 53   | 5.61 | <10  | 1.24 | 772  | 3    | 0.02 | 63 | 2790 | 34 | <5 | <20 | 37   | 0.23 | <10 | 109 | <10 | 10 | 455 |
| 42  | L18N 28+50       | E       | <5 | <0.2 | 3.11 | 15 | 185 | 5    | 0.56 | 5  | 28 | 61  | 82   | 5.79 | <10  | 1.71 | 734  | 7    | 0.02 | 70 | 1650 | 34 | <5 | <20 | 51   | 0.21 | <10 | 121 | <10 | 9  | 540 |
| 43  | L18N 28+75       | E       | 5  | <0.2 | 3.18 | 5  | 160 | 15   | 0.69 | 7  | 23 | 69  | 29   | 4.61 | <10  | 0.83 | 987  | 1    | 0.02 | 39 | 2420 | 40 | <5 | <20 | 46   | 0.20 | <10 | 92  | <10 | 6  | 431 |
| 44  | L18N 29+00       | E       | <5 | <0.2 | 3.32 | <5 | 125 | 10   | 0.78 | 3  | 25 | 89  | 40   | 5.11 | <10  | 1.01 | 551  | 1    | 0.02 | 45 | 1470 | 26 | <5 | <20 | 41   | 0.21 | <10 | 108 | <10 | 5  | 304 |
| 45  | L18N 29+25       | E       | <5 | <0.2 | 3.34 | 5  | 195 | 5    | 0.64 | 3  | 24 | 80  | 40   | 5.06 | <10  | 0.95 | 1048 | <1   | 0.02 | 40 | 2340 | 34 | <5 | <20 | 40   | 0.20 | <10 | 106 | <10 | 3  | 273 |
| 46  | L18N 29+50       | E       | <5 | 0.2  | 2.86 | <5 | 230 | 5    | 0.59 | 5  | 22 | 68  | 29   | 4.54 | <10  | 0.88 | 1689 | 2    | 0.02 | 33 | 2020 | 28 | <5 | <20 | 40   | 0.18 | <10 | 93  | <10 | 5  | 368 |
| 47  | L18N 29+75       | E       | <5 | <0.2 | 3.37 | <5 | 250 | 5    | 0.70 | 3  | 26 | 65  | 54   | 5.58 | <10  | 1.01 | 1416 | 4    | 0.01 | 42 | 2140 | 38 | <5 | <20 | 57   | 0.19 | <10 | 125 | <10 | 9  | 246 |
| 48  | L18N 30+00       | E       | <5 | <0.2 | 3.41 | 5  | 210 | 10   | 0.50 | 4  | 24 | 51  | 42   | 5.06 | <10  | 0.86 | 1719 | 5    | 0.01 | 36 | 3710 | 28 | 10 | <20 | 38   | 0.15 | <10 | 95  | <10 | 4  | 323 |
| 49  | L18N 30+25       | E       | <5 | 0.2  | 2.90 | <5 | 215 | 5    | 0.52 | 7  | 22 | 43  | 30   | 4.75 | <10  | 0.75 | 1465 | 3    | 0.02 | 38 | 1690 | 24 | <5 | <20 | 47   | 0.17 | <10 | 93  | <10 | 8  | 415 |
| 50  | L18N 30+50       | E       | <5 | 0.2  | 2.35 | <5 | 175 | 10   | 0.65 | 6  | 21 | 60  | 24   | 4.39 | <10  | 0.60 | 1580 | 1    | 0.02 | 24 | 3300 | 28 | <5 | <20 | 51   | 0.16 | <10 | 84  | <10 | 1  | 228 |
| 51  | L18N 30+75       | E       | <5 | 0.4  | 3.22 | <5 | 160 | 10   | 0.63 | 3  | 24 | 66  | 32   | 4.56 | <10  | 0.76 | 942  | <1   | 0.02 | 35 | 1550 | 24 | <5 | <20 | 38   | 0.20 | <10 | 94  | <10 | 6  | 189 |
| 52  | L18N 31+00       | E       | 5  | 0.6  | 2.54 | <5 | 335 | 10   | 0.65 | 7  | 21 | 49  | 30   | 4.10 | <10  | 0.72 | 3217 | 2    | 0.02 | 28 | 2770 | 30 | <5 | <20 | 48   | 0.16 | <10 | 84  | <10 | 4  | 306 |
| 53  | L18N 31+25       | E       | <5 | 0.6  | 2.92 | 10 | 275 | 5    | 0.59 | 5  | 22 | 55  | 32   | 4.56 | <10  | 0.85 | 1457 | 2    | 0.02 | 34 | 2790 | 28 | <5 | <20 | 41   | 0.17 | <10 | 95  | <10 | 5  | 382 |
| 54  | L18N 31+50       | E       | <5 | <0.2 | 3.68 | 5  | 170 | <5   | 0.94 | 2  | 26 | 82  | 59   | 5.24 | <10  | 0.94 | 975  | 2    | 0.02 | 41 | 1990 | 22 | <5 | <20 | 59   | 0.20 | <10 | 116 | <10 | 5  | 164 |
| 55  | L18N 31+75       | E       | <5 | <0.2 | 3.15 | <5 | 260 | 5    | 1.12 | 3  | 27 | 90  | 53   | 5.20 | <10  | 1.00 | 898  | <1   | 0.03 | 39 | 2920 | 24 | <5 | <20 | 77   | 0.19 | <10 | 118 | <10 | 5  | 146 |

ROSSMIN EXPLORATIONS LTD.

ICP CERTIFICATE OF ANALYSIS AK 96-1274

ECO-TECH LABORATORIES LTD.

| Et #. | Tag #      | Au(ppb) | Ag | Al % | As   | Ba | Bl  | Ca %    | Cd | Co | Cr  | Cu  | Fe % | La  | Mg % | Mn   | Mo | Na % | Ni | P    | Pb | Sb | Sn  | Sr | Ti % | U   | V   | W   | Y  | Zn  |
|-------|------------|---------|----|------|------|----|-----|---------|----|----|-----|-----|------|-----|------|------|----|------|----|------|----|----|-----|----|------|-----|-----|-----|----|-----|
| 56    | L18N 32+25 | E       | <5 | <0.2 | 3.55 | 5  | 125 | 5 0.73  | 3  | 28 | 80  | 53  | 5.45 | <10 | 1.17 | 602  | 2  | 0.03 | 44 | 1560 | 24 | <5 | <20 | 32 | 0.20 | <10 | 120 | <10 | 6  | 277 |
| 57    | L18N 32+50 | E       | <5 | 0.4  | 3.62 | 10 | 160 | 10 0.59 | 3  | 29 | 76  | 55  | 5.38 | <10 | 1.16 | 1026 | 2  | 0.02 | 43 | 2680 | 36 | <5 | <20 | 29 | 0.18 | <10 | 114 | <10 | 5  | 262 |
| 58    | L18N 32+75 | E       | 5  | <0.2 | 3.34 | <5 | 140 | 5 0.70  | 2  | 28 | 93  | 59  | 5.52 | <10 | 1.26 | 610  | 3  | 0.02 | 43 | 1830 | 22 | <5 | <20 | 33 | 0.17 | <10 | 131 | <10 | 2  | 231 |
| 59    | L18N 33+00 | E       | <5 | <0.2 | 3.34 | <5 | 130 | 5 0.85  | 3  | 28 | 95  | 53  | 5.34 | <10 | 1.06 | 668  | 3  | 0.03 | 46 | 2360 | 24 | <5 | <20 | 33 | 0.17 | <10 | 116 | <10 | 3  | 259 |
| 60    | L18N 33+25 | E       | <5 | 0.2  | 3.77 | <5 | 165 | 10 0.84 | 3  | 24 | 78  | 42  | 4.62 | <10 | 0.78 | 640  | <1 | 0.03 | 40 | 2400 | 28 | <5 | <20 | 44 | 0.22 | <10 | 96  | <10 | 6  | 215 |
| 61    | L18N 33+50 | E       | 5  | <0.2 | 3.46 | 10 | 135 | 10 0.80 | 2  | 25 | 90  | 56  | 4.91 | <10 | 0.87 | 716  | <1 | 0.02 | 37 | 2150 | 26 | <5 | <20 | 46 | 0.22 | <10 | 107 | <10 | 12 | 161 |
| 62    | L18N 33+75 | E       | <5 | 0.8  | 3.95 | 10 | 175 | <5 0.59 | 3  | 24 | 62  | 30  | 4.59 | <10 | 0.62 | 1344 | <1 | 0.02 | 35 | 5640 | 34 | <5 | <20 | 28 | 0.14 | <10 | 86  | <10 | <1 | 295 |
| 63    | L18N 34+00 | E       | <5 | 0.4  | 3.95 | 15 | 150 | <5 0.57 | 2  | 28 | 110 | 113 | 5.26 | <10 | 1.15 | 1044 | <1 | 0.02 | 81 | 1830 | 38 | <5 | <20 | 27 | 0.22 | <10 | 106 | <10 | 6  | 353 |
| 64    | L18N 34+25 | E       | <5 | 0.2  | 3.38 | 5  | 135 | 5 0.57  | 1  | 21 | 84  | 44  | 4.53 | <10 | 0.68 | 612  | <1 | 0.02 | 27 | 2220 | 24 | <5 | 20  | 30 | 0.21 | <10 | 98  | <10 | 5  | 109 |
| 65    | L18N 34+50 | E       | <5 | 0.4  | 2.88 | <5 | 130 | 10 0.57 | 1  | 22 | 88  | 32  | 4.58 | <10 | 0.60 | 816  | <1 | 0.02 | 23 | 2060 | 24 | <5 | <20 | 28 | 0.22 | <10 | 94  | <10 | 2  | 114 |
| 66    | L18N 34+75 | E       | <5 | <0.2 | 2.90 | 5  | 100 | 10 0.62 | 1  | 22 | 91  | 32  | 5.14 | <10 | 0.83 | 445  | <1 | 0.02 | 26 | 2920 | 20 | <5 | <20 | 35 | 0.19 | <10 | 106 | <10 | 1  | 118 |
| 67    | L18N 35+00 | E       | <5 | <0.2 | 2.69 | <5 | 100 | 5 1.14  | 2  | 35 | 150 | 69  | 5.76 | <10 | 1.44 | 637  | <1 | 0.05 | 49 | 1010 | 18 | <5 | <20 | 40 | 0.23 | <10 | 137 | <10 | 4  | 119 |
| 68    | L18N 35+50 | E       | <5 | <0.2 | 2.75 | 5  | 100 | 10 0.74 | 2  | 27 | 121 | 42  | 5.90 | <10 | 1.80 | 588  | 2  | 0.01 | 36 | 870  | 18 | <5 | <20 | 35 | 0.19 | <10 | 154 | <10 | 2  | 168 |
| 69    | L18N 35+75 | E       | <5 | 0.2  | 2.36 | <5 | 85  | 10 0.51 | 1  | 19 | 86  | 33  | 4.83 | <10 | 0.85 | 399  | 2  | 0.01 | 29 | 1760 | 18 | <5 | <20 | 31 | 0.16 | <10 | 104 | <10 | <1 | 163 |
| 70    | L18N 36+00 | E       | <5 | <0.2 | 3.00 | <5 | 130 | 10 0.42 | 3  | 25 | 86  | 35  | 4.93 | <10 | 0.84 | 1183 | 4  | 0.01 | 29 | 2860 | 24 | 15 | <20 | 28 | 0.16 | <10 | 102 | <10 | 2  | 208 |
| 71    | L18N 36+25 | E       | <5 | <0.2 | 3.40 | 10 | 150 | 5 0.37  | 3  | 20 | 54  | 33  | 3.77 | <10 | 0.72 | 1143 | 1  | 0.02 | 23 | 3600 | 12 | <5 | <20 | 25 | 0.15 | <10 | 75  | <10 | 3  | 251 |
| 72    | L18N 36+50 | E       | <5 | <0.2 | 2.84 | <5 | 120 | 5 0.47  | 2  | 24 | 86  | 33  | 4.55 | <10 | 0.93 | 523  | <1 | 0.03 | 27 | 2680 | 10 | <5 | <20 | 35 | 0.15 | <10 | 100 | <10 | <1 | 242 |
| 73    | L18N 36+75 | E       | 25 | <0.2 | 3.65 | <5 | 130 | <5 0.36 | 2  | 31 | 61  | 100 | 5.18 | <10 | 1.06 | 713  | 2  | 0.03 | 53 | 1860 | 18 | <5 | <20 | 30 | 0.17 | <10 | 107 | <10 | 12 | 323 |
| 74    | L18N 37+00 | E       | <5 | <0.2 | 3.26 | 10 | 150 | <5 0.43 | 3  | 25 | 66  | 43  | 4.42 | <10 | 0.81 | 1392 | <1 | 0.03 | 48 | 2090 | 18 | <5 | <20 | 37 | 0.17 | <10 | 99  | <10 | 8  | 263 |
| 75    | L18N 37+25 | E       | 10 | <0.2 | 3.63 | 10 | 160 | 5 0.30  | 3  | 22 | 49  | 29  | 3.81 | <10 | 0.64 | 1164 | <1 | 0.02 | 28 | 2380 | 14 | <5 | <20 | 29 | 0.19 | <10 | 83  | <10 | 4  | 176 |
| 76    | L18N 37+50 | E       | 15 | <0.2 | 4.36 | 5  | 155 | <5 0.32 | 3  | 22 | 58  | 38  | 4.20 | <10 | 0.82 | 834  | <1 | 0.03 | 41 | 1960 | 16 | <5 | <20 | 24 | 0.20 | <10 | 88  | <10 | 8  | 297 |
| 77    | L18N 37+75 | E       | 5  | <0.2 | 2.94 | <5 | 225 | 10 0.40 | 4  | 22 | 55  | 22  | 4.34 | <10 | 0.67 | 2370 | <1 | 0.02 | 25 | 2240 | 14 | <5 | <20 | 34 | 0.19 | <10 | 87  | <10 | 2  | 244 |
| 78    | L18N 38+00 | E       | <5 | <0.2 | 3.87 | <5 | 165 | <5 0.33 | 2  | 22 | 57  | 35  | 4.30 | <10 | 0.87 | 1032 | <1 | 0.02 | 30 | 2250 | 16 | <5 | <20 | 27 | 0.18 | <10 | 92  | <10 | 3  | 222 |
| 79    | L18N 38+25 | E       | 10 | <0.2 | 3.99 | 15 | 160 | <5 0.40 | 2  | 25 | 80  | 61  | 5.03 | <10 | 1.35 | 545  | <1 | 0.02 | 47 | 2750 | 16 | <5 | <20 | 35 | 0.16 | <10 | 117 | <10 | 1  | 242 |
| 80    | L18N 38+50 | E       | <5 | <0.2 | 3.32 | <5 | 160 | <5 0.44 | 2  | 23 | 77  | 40  | 4.70 | <10 | 1.09 | 816  | <1 | 0.02 | 37 | 2990 | 16 | <5 | <20 | 39 | 0.16 | <10 | 103 | <10 | 2  | 213 |
| 81    | L18N 38+75 | E       | <5 | <0.2 | 2.69 | <5 | 150 | 5 0.74  | 2  | 26 | 101 | 54  | 5.09 | <10 | 1.45 | 846  | <1 | 0.03 | 36 | 1140 | 12 | <5 | <20 | 60 | 0.17 | <10 | 122 | <10 | 3  | 158 |
| 82    | L18N 39+00 | E       | 10 | 0.4  | 4.80 | 10 | 230 | <5 0.57 | 2  | 25 | 94  | 102 | 5.42 | <10 | 1.53 | 1023 | 2  | 0.02 | 62 | 1630 | 20 | <5 | <20 | 49 | 0.16 | <10 | 116 | <10 | 22 | 275 |
| 83    | L18N 39+25 | E       | <5 | 0.4  | 3.13 | <5 | 135 | <5 0.53 | 3  | 22 | 64  | 62  | 4.47 | 10  | 1.02 | 1640 | <1 | 0.02 | 32 | 1460 | 14 | <5 | <20 | 44 | 0.14 | <10 | 89  | <10 | 25 | 205 |
| 84    | L18N 39+50 | E       | 50 | <0.2 | 2.77 | 5  | 90  | <5 0.32 | 2  | 18 | 58  | 46  | 4.13 | <10 | 0.85 | 817  | 2  | 0.02 | 25 | 1460 | 14 | <5 | <20 | 23 | 0.11 | <10 | 79  | <10 | 6  | 142 |
| 85    | L18N 39+75 | E       | <5 | 0.2  | 3.28 | 10 | 155 | <5 0.32 | 2  | 19 | 56  | 50  | 4.35 | <10 | 1.05 | 886  | 1  | 0.02 | 31 | 1540 | 12 | <5 | <20 | 26 | 0.12 | <10 | 85  | <10 | 10 | 183 |
| 86    | L18N 40+00 | E       | 10 | 0.6  | 3.34 | 10 | 160 | 5 0.33  | 3  | 21 | 53  | 48  | 4.23 | <10 | 0.85 | 1301 | 1  | 0.02 | 30 | 2040 | 18 | <5 | <20 | 28 | 0.12 | <10 | 80  | <10 | 17 | 192 |
| 87    | L18N 40+25 | E       | <5 | 0.6  | 3.46 | 10 | 140 | <5 0.48 | 3  | 24 | 80  | 64  | 4.99 | <10 | 1.27 | 866  | 1  | 0.02 | 38 | 1120 | 14 | <5 | <20 | 42 | 0.14 | <10 | 107 | <10 | 18 | 163 |
| 88    | L18N 40+50 | E       | <5 | 0.2  | 3.16 | 10 | 175 | 10 0.34 | 4  | 17 | 47  | 26  | 3.96 | <10 | 0.72 | 1230 | <1 | 0.02 | 24 | 2640 | 14 | <5 | <20 | 29 | 0.14 | <10 | 74  | <10 | 4  | 218 |
| 89    | L18N 40+75 | E       | 10 | <0.2 | 3.41 | 5  | 170 | <5 0.32 | 2  | 20 | 60  | 32  | 4.12 | <10 | 0.77 | 1232 | <1 | 0.03 | 24 | 2470 | 16 | <5 | <20 | 26 | 0.17 | <10 | 86  | <10 | 2  | 193 |
| 90    | L18N 41+00 | E       | 5  | <0.2 | 3.72 | 15 | 190 | <5 0.25 | 3  | 17 | 39  | 24  | 3.61 | <10 | 0.58 | 1535 | <1 | 0.06 | 19 | 4200 | 16 | <5 | <20 | 22 | 0.14 | <10 | 67  | <10 | 4  | 236 |

## ROSSMIN EXPLORATIONS LTD.

## ICP CERTIFICATE OF ANALYSIS AK 96-1274

## ECO-TECH LABORATORIES LTD.

| Et #. | Tag # |       | Au(ppb) | Ag | Al % | As   | Ba | Bi  | Ca % | Cd   | Co | Cr | Cu | Fe % | La   | Mg % | Mn   | Mo   | Na % | Ni   | P  | Pb   | Sb | Sn | Sr  | Tl % | U    | V   | W   | Y   | Zn |     |
|-------|-------|-------|---------|----|------|------|----|-----|------|------|----|----|----|------|------|------|------|------|------|------|----|------|----|----|-----|------|------|-----|-----|-----|----|-----|
| 91    | L19N  | 26+00 | E       | <5 | <0.2 | 4.13 | 25 | 130 | <5   | 0.53 | 2  | 21 | 43 | 59   | 5.11 | <10  | 1.08 | 541  | 4    | 0.03 | 63 | 1850 | 24 | <5 | <20 | 42   | 0.20 | <10 | 99  | <10 | 4  | 322 |
| 92    | L19N  | 26+25 | E       | <5 | <0.2 | 5.15 | 10 | 200 | <5   | 0.60 | 7  | 21 | 27 | 36   | 3.95 | <10  | 0.55 | 1697 | <1   | 0.04 | 21 | 3790 | 28 | <5 | <20 | 52   | 0.19 | <10 | 68  | <10 | 14 | 244 |
| 93    | L19N  | 26+50 | E       | <5 | <0.2 | 3.68 | 15 | 140 | <5   | 0.39 | 4  | 20 | 33 | 34   | 4.82 | <10  | 1.06 | 1981 | 1    | 0.04 | 23 | 2190 | 46 | <5 | <20 | 27   | 0.15 | <10 | 88  | <10 | 3  | 204 |
| 94    | L19N  | 26+75 | E       | 10 | <0.2 | 3.40 | 5  | 325 | 10   | 0.87 | 7  | 22 | 39 | 34   | 4.67 | <10  | 0.83 | 3405 | <1   | 0.06 | 23 | 2800 | 24 | <5 | <20 | 55   | 0.18 | <10 | 87  | <10 | 3  | 309 |
| 95    | L19N  | 27+00 | E       | <5 | <0.2 | 3.54 | 20 | 285 | <5   | 0.54 | 14 | 26 | 40 | 56   | 5.69 | <10  | 1.19 | 2071 | 7    | 0.04 | 93 | 2920 | 20 | <5 | <20 | 52   | 0.13 | <10 | 100 | <10 | 7  | 840 |
| 96    | L19N  | 27+25 | E       | 5  | <0.2 | 3.32 | 10 | 190 | 5    | 0.52 | 6  | 18 | 36 | 30   | 4.08 | <10  | 0.94 | 926  | 1    | 0.03 | 40 | 2900 | 18 | <5 | <20 | 35   | 0.17 | <10 | 92  | <10 | 6  | 440 |
| 97    | L19N  | 27+50 | E       | <5 | <0.2 | 4.77 | 20 | 450 | 5    | 0.44 | 6  | 25 | 67 | 58   | 5.28 | <10  | 1.44 | 1329 | 3    | 0.02 | 53 | 2570 | 26 | <5 | <20 | 42   | 0.19 | <10 | 129 | <10 | 12 | 430 |
| 98    | L19N  | 27+75 | E       | <5 | <0.2 | 3.81 | 5  | 215 | 5    | 0.58 | 3  | 23 | 52 | 44   | 5.11 | <10  | 0.99 | 1238 | 2    | 0.03 | 38 | 1570 | 18 | <5 | <20 | 55   | 0.22 | <10 | 115 | <10 | 7  | 269 |
| 99    | L19N  | 28+00 | E       | 10 | <0.2 | 2.82 | 5  | 215 | <5   | 0.64 | 4  | 22 | 53 | 40   | 5.04 | <10  | 0.90 | 987  | 1    | 0.03 | 34 | 2220 | 14 | <5 | <20 | 55   | 0.18 | <10 | 117 | <10 | 5  | 221 |
| 100   | L19N  | 28+25 | E       | <5 | <0.2 | 3.31 | <5 | 245 | 5    | 0.50 | 7  | 24 | 60 | 51   | 5.10 | <10  | 1.33 | 797  | 3    | 0.03 | 64 | 2220 | 18 | <5 | <20 | 51   | 0.19 | <10 | 114 | <10 | 7  | 476 |
| 101   | L19N  | 28+50 | E       | <5 | <0.2 | 3.44 | 5  | 190 | <5   | 0.43 | 3  | 24 | 58 | 45   | 5.20 | <10  | 1.10 | 832  | 2    | 0.02 | 46 | 2500 | 16 | <5 | <20 | 39   | 0.19 | <10 | 112 | <10 | 5  | 292 |
| 102   | L19N  | 28+75 | E       | <5 | <0.2 | 3.35 | <5 | 195 | 10   | 0.46 | 6  | 20 | 60 | 30   | 4.32 | <10  | 0.78 | 1269 | <1   | 0.03 | 31 | 3050 | 20 | <5 | <20 | 40   | 0.19 | <10 | 88  | <10 | 4  | 313 |
| 103   | L19N  | 29+00 | E       | <5 | <0.2 | 3.80 | 10 | 170 | <5   | 0.44 | 5  | 22 | 60 | 35   | 4.43 | <10  | 0.82 | 1184 | <1   | 0.03 | 35 | 3000 | 16 | <5 | <20 | 38   | 0.19 | <10 | 87  | <10 | 4  | 343 |
| 104   | L19N  | 29+25 | E       | <5 | <0.2 | 4.11 | 5  | 155 | <5   | 0.57 | 2  | 23 | 81 | 51   | 4.86 | <10  | 1.09 | 767  | <1   | 0.03 | 36 | 1820 | 18 | <5 | <20 | 45   | 0.21 | <10 | 109 | <10 | 5  | 190 |
| 105   | L19N  | 29+50 | E       | <5 | <0.2 | 3.55 | <5 | 185 | 5    | 0.52 | 2  | 20 | 65 | 31   | 4.55 | <10  | 0.85 | 1252 | <1   | 0.03 | 28 | 1220 | 16 | <5 | <20 | 40   | 0.23 | <10 | 95  | <10 | 4  | 146 |
| 106   | L19N  | 29+75 | E       | <5 | <0.2 | 2.96 | 5  | 205 | <5   | 0.66 | 3  | 24 | 87 | 48   | 4.94 | <10  | 1.33 | 1111 | <1   | 0.02 | 35 | 2380 | 14 | <5 | <20 | 53   | 0.14 | <10 | 117 | <10 | 5  | 175 |
| 107   | L19N  | 30+00 | E       | 5  | <0.2 | 2.82 | <5 | 125 | <5   | 0.65 | 2  | 23 | 99 | 50   | 4.93 | <10  | 1.32 | 586  | <1   | 0.02 | 37 | 1090 | 14 | <5 | <20 | 50   | 0.15 | <10 | 114 | <10 | 5  | 163 |
| 108   | L19N  | 30+25 | E       | <5 | <0.2 | 3.27 | 5  | 195 | 5    | 0.44 | 1  | 19 | 60 | 27   | 4.29 | <10  | 0.79 | 925  | <1   | 0.03 | 28 | 2940 | 14 | <5 | <20 | 41   | 0.15 | <10 | 85  | <10 | <1 | 190 |
| 109   | L19N  | 30+50 | E       | 5  | 0.2  | 2.63 | <5 | 245 | <5   | 0.59 | 2  | 18 | 53 | 29   | 3.99 | <10  | 0.78 | 1481 | <1   | 0.02 | 23 | 2620 | 16 | <5 | <20 | 49   | 0.12 | <10 | 77  | <10 | 1  | 201 |
| 110   | L19N  | 30+75 | E       | <5 | 0.8  | 4.00 | 10 | 195 | <5   | 0.40 | 3  | 22 | 69 | 69   | 4.95 | <10  | 1.04 | 1242 | 1    | 0.04 | 42 | 1420 | 28 | <5 | <20 | 32   | 0.15 | <10 | 97  | <10 | 19 | 259 |
| 111   | L19N  | 31+00 | E       | <5 | 0.8  | 3.69 | <5 | 120 | <5   | 0.27 | 2  | 22 | 71 | 75   | 4.80 | <10  | 1.14 | 1035 | 3    | 0.04 | 36 | 1330 | 16 | <5 | <20 | 24   | 0.11 | <10 | 99  | <10 | 14 | 238 |
| 112   | L19N  | 31+25 | E       | 5  | 0.8  | 3.67 | 10 | 95  | <5   | 0.20 | 2  | 21 | 63 | 73   | 4.77 | <10  | 1.06 | 869  | 3    | 0.04 | 32 | 1750 | 18 | <5 | <20 | 17   | 0.10 | <10 | 98  | <10 | 14 | 239 |
| 113   | L19N  | 31+50 | E       | <5 | <0.2 | 3.09 | <5 | 85  | <5   | 0.35 | 2  | 23 | 82 | 58   | 4.92 | <10  | 1.28 | 872  | 3    | 0.02 | 33 | 1380 | 14 | <5 | <20 | 27   | 0.11 | <10 | 111 | <10 | 10 | 180 |
| 114   | L19N  | 31+75 | E       | <5 | <0.2 | 3.26 | 10 | 105 | <5   | 0.47 | 2  | 28 | 95 | 72   | 5.40 | <10  | 1.49 | 1292 | 2    | 0.03 | 37 | 1940 | 14 | <5 | <20 | 33   | 0.13 | <10 | 130 | <10 | 8  | 202 |
| 115   | L19N  | 32+25 | E       | <5 | 0.4  | 2.95 | 10 | 85  | <5   | 0.40 | 1  | 25 | 93 | 72   | 5.20 | <10  | 1.41 | 785  | 3    | 0.04 | 36 | 1720 | 12 | <5 | <20 | 29   | 0.10 | <10 | 126 | <10 | 2  | 155 |
| 116   | L19N  | 32+50 | E       | <5 | <0.2 | 4.11 | 10 | 100 | <5   | 0.25 | 2  | 19 | 24 | 40   | 4.23 | <10  | 0.77 | 1519 | 1    | 0.03 | 17 | 2050 | 30 | <5 | 20  | 31   | 0.12 | <10 | 72  | <10 | 3  | 148 |
| 117   | L19N  | 32+75 | E       | 5  | 0.6  | 3.72 | 15 | 280 | <5   | 0.83 | 2  | 22 | 35 | 44   | 4.03 | <10  | 0.79 | 1558 | <1   | 0.04 | 24 | 1650 | 22 | <5 | <20 | 58   | 0.20 | <10 | 72  | <10 | 4  | 174 |
| 118   | L19N  | 33+00 | E       | <5 | <0.2 | 4.99 | 20 | 145 | <5   | 0.27 | 4  | 31 | 38 | 55   | 5.50 | <10  | 0.85 | 1427 | 6    | 0.04 | 50 | 2960 | 30 | <5 | 20  | 24   | 0.18 | <10 | 108 | <10 | 13 | 495 |
| 119   | L19N  | 33+25 | E       | <5 | <0.2 | 5.22 | 25 | 165 | 5    | 0.43 | 3  | 20 | 16 | 20   | 4.00 | <10  | 0.35 | 1171 | <1   | 0.04 | 18 | 4520 | 26 | <5 | 20  | 31   | 0.19 | <10 | 57  | <10 | 8  | 279 |
| 120   | L19N  | 33+50 | E       | <5 | 0.4  | 3.86 | 10 | 285 | <5   | 0.89 | 19 | 25 | 42 | 63   | 5.05 | <10  | 1.20 | 1484 | 7    | 0.04 | 63 | 1930 | 18 | <5 | <20 | 92   | 0.14 | <10 | 101 | <10 | 12 | 521 |
| 121   | L19N  | 33+75 | E       | <5 | <0.2 | 3.83 | 15 | 275 | <5   | 0.49 | 8  | 25 | 45 | 53   | 5.14 | <10  | 1.07 | 1596 | 5    | 0.04 | 61 | 2350 | 68 | <5 | <20 | 43   | 0.16 | <10 | 108 | <10 | 8  | 543 |
| 122   | L19N  | 34+00 | E       | 5  | <0.2 | 4.43 | 20 | 305 | 5    | 0.39 | 5  | 25 | 65 | 48   | 5.33 | <10  | 1.36 | 1912 | 2    | 0.02 | 55 | 1640 | 24 | <5 | <20 | 29   | 0.22 | <10 | 142 | <10 | 14 | 500 |
| 123   | L19N  | 34+25 | E       | <5 | <0.2 | 3.76 | <5 | 250 | <5   | 0.51 | 8  | 21 | 56 | 35   | 4.31 | <10  | 1.12 | 1046 | <1   | 0.03 | 52 | 1950 | 22 | <5 | <20 | 48   | 0.21 | <10 | 107 | <10 | 10 | 483 |
| 124   | L19N  | 34+50 | E       | <5 | <0.2 | 3.42 | 5  | 145 | <5   | 0.50 | 3  | 24 | 69 | 48   | 4.90 | <10  | 1.06 | 1583 | <1   | 0.02 | 37 | 1850 | 32 | <5 | <20 | 35   | 0.18 | <10 | 106 | <10 | 9  | 202 |
| 125   | L19N  | 34+75 | E       | <5 | <0.2 | 2.67 | <5 | 160 | <5   | 0.60 | 4  | 21 | 60 | 31   | 4.12 | <10  | 0.81 | 1111 | <1   | 0.03 | 35 | 1510 | 28 | <5 | <20 | 49   | 0.18 | <10 | 92  | <10 | 5  | 271 |

ROSSMIN EXPLORATIONS LTD.

ICP CERTIFICATE OF ANALYSIS AK 96-1274

ECO-TECH LABORATORIES LTD.

| Et #. | Tag # |       | Au(ppb) | Ag | Al % | As   | Ba | Bi  | Ca % | Cd   | Co | Cr | Cu  | Fe % | La   | Mg % | Mn   | Mo   | Na % | Ni   | P  | Pb   | Sb | Sn | Sr  | Ti % | U    | V   | W   | Y   | Zn |     |
|-------|-------|-------|---------|----|------|------|----|-----|------|------|----|----|-----|------|------|------|------|------|------|------|----|------|----|----|-----|------|------|-----|-----|-----|----|-----|
| 126   | L19N  | 35+00 | E       | 5  | <0.2 | 1.97 | 10 | 170 | 10   | 0.51 | 4  | 17 | 52  | 18   | 3.79 | <10  | 0.67 | 1047 | <1   | 0.03 | 24 | 1760 | 36 | <5 | <20 | 39   | 0.16 | <10 | 78  | <10 | 1  | 239 |
| 127   | L19N  | 35+25 | E       | <5 | <0.2 | 2.79 | 10 | 210 | 5    | 0.39 | 3  | 21 | 57  | 37   | 4.65 | <10  | 1.02 | 1105 | 2    | 0.03 | 42 | 1070 | 20 | <5 | <20 | 31   | 0.17 | <10 | 102 | <10 | 4  | 341 |
| 128   | L19N  | 35+50 | E       | 5  | <0.2 | 3.09 | <5 | 215 | <5   | 0.47 | 6  | 22 | 64  | 26   | 4.60 | <10  | 0.90 | 1891 | <1   | 0.03 | 39 | 2270 | 18 | <5 | <20 | 38   | 0.20 | <10 | 94  | <10 | 1  | 509 |
| 129   | L19N  | 35+75 | E       | <5 | <0.2 | 3.08 | 5  | 145 | 5    | 0.37 | 4  | 21 | 54  | 38   | 4.80 | <10  | 1.15 | 1078 | 2    | 0.02 | 40 | 2450 | 22 | <5 | <20 | 34   | 0.19 | <10 | 92  | <10 | <1 | 405 |
| 130   | L19N  | 38+00 | E       | 5  | <0.2 | 3.07 | 5  | 285 | <5   | 0.56 | 4  | 19 | 62  | 32   | 4.57 | <10  | 1.24 | 3545 | 2    | 0.02 | 31 | 2720 | 38 | <5 | <20 | 44   | 0.17 | <10 | 96  | <10 | 2  | 275 |
| 131   | L19N  | 38+25 | E       | 5  | <0.2 | 3.45 | <5 | 120 | 5    | 0.38 | 1  | 18 | 55  | 27   | 4.23 | <10  | 0.88 | 1205 | <1   | 0.02 | 22 | 2250 | 20 | <5 | <20 | 29   | 0.19 | <10 | 84  | <10 | <1 | 133 |
| 132   | L19N  | 38+50 | E       | <5 | <0.2 | 3.38 | <5 | 500 | 5    | 1.06 | 2  | 25 | 98  | 44   | 4.97 | <10  | 1.75 | 1334 | <1   | 0.03 | 66 | 3180 | 16 | <5 | <20 | 93   | 0.28 | <10 | 96  | <10 | 5  | 148 |
| 133   | L19N  | 38+75 | E       | <5 | <0.2 | 2.95 | <5 | 255 | <5   | 0.68 | 1  | 23 | 88  | 39   | 4.75 | <10  | 1.33 | 1771 | <1   | 0.03 | 48 | 1950 | 26 | <5 | <20 | 51   | 0.26 | <10 | 95  | <10 | 2  | 146 |
| 134   | L19N  | 37+00 | E       | 5  | <0.2 | 2.77 | 5  | 260 | 5    | 0.57 | 3  | 23 | 75  | 30   | 4.47 | <10  | 0.98 | 2983 | <1   | 0.03 | 40 | 1360 | 20 | <5 | <20 | 43   | 0.23 | <10 | 89  | <10 | 1  | 274 |
| 135   | L19N  | 37+25 | E       | 5  | <0.2 | 2.93 | <5 | 245 | 5    | 0.60 | 4  | 22 | 75  | 32   | 4.52 | <10  | 0.83 | 1647 | <1   | 0.03 | 32 | 4330 | 22 | <5 | <20 | 43   | 0.17 | <10 | 83  | <10 | <1 | 242 |
| 136   | L19N  | 37+50 | E       | <5 | <0.2 | 2.79 | <5 | 160 | 5    | 0.66 | 3  | 22 | 69  | 33   | 4.27 | <10  | 0.77 | 1343 | <1   | 0.03 | 29 | 1560 | 18 | <5 | <20 | 42   | 0.18 | <10 | 91  | <10 | 3  | 160 |
| 137   | L19N  | 37+75 | E       | <5 | <0.2 | 3.08 | 5  | 155 | <5   | 0.60 | 4  | 25 | 65  | 39   | 4.58 | <10  | 0.87 | 1192 | <1   | 0.03 | 32 | 3110 | 16 | <5 | <20 | 38   | 0.17 | <10 | 93  | <10 | 2  | 242 |
| 138   | L19N  | 38+00 | E       | 10 | <0.2 | 2.64 | <5 | 210 | <5   | 0.50 | 4  | 23 | 59  | 30   | 4.37 | <10  | 0.69 | 1680 | <1   | 0.03 | 24 | 3510 | 16 | <5 | <20 | 36   | 0.15 | <10 | 84  | <10 | <1 | 232 |
| 139   | L19N  | 38+25 | E       | <5 | <0.2 | 3.29 | <5 | 125 | <5   | 0.57 | 3  | 18 | 55  | 24   | 3.80 | <10  | 0.58 | 911  | <1   | 0.03 | 23 | 2620 | 14 | <5 | <20 | 34   | 0.18 | <10 | 76  | <10 | 4  | 216 |
| 140   | L19N  | 38+50 | E       | 5  | <0.2 | 2.47 | <5 | 90  | 10   | 0.47 | 2  | 21 | 68  | 27   | 4.55 | <10  | 0.60 | 674  | <1   | 0.03 | 21 | 2180 | 14 | <5 | 20  | 25   | 0.23 | <10 | 94  | <10 | 1  | 134 |
| 141   | L19N  | 38+75 | E       | <5 | <0.2 | 3.65 | <5 | 125 | 5    | 0.48 | 2  | 20 | 66  | 40   | 4.44 | <10  | 0.83 | 600  | <1   | 0.03 | 27 | 1450 | 16 | <5 | <20 | 31   | 0.20 | <10 | 97  | <10 | 5  | 125 |
| 142   | L19N  | 39+00 | E       | <5 | <0.2 | 3.23 | 5  | 150 | 5    | 0.48 | 1  | 22 | 81  | 40   | 4.82 | <10  | 0.91 | 1107 | <1   | 0.02 | 30 | 1810 | 16 | <5 | <20 | 37   | 0.19 | <10 | 103 | <10 | 2  | 133 |
| 143   | L19N  | 39+25 | E       | <5 | <0.2 | 2.92 | <5 | 220 | 10   | 0.59 | 3  | 26 | 83  | 36   | 4.90 | <10  | 1.06 | 1424 | 2    | 0.03 | 39 | 2270 | 14 | <5 | <20 | 43   | 0.18 | <10 | 104 | <10 | 3  | 351 |
| 144   | L19N  | 39+50 | E       | <5 | <0.2 | 3.41 | <5 | 165 | <5   | 0.52 | 4  | 23 | 74  | 49   | 4.49 | <10  | 0.96 | 670  | <1   | 0.03 | 41 | 1860 | 20 | <5 | <20 | 36   | 0.20 | <10 | 91  | <10 | 13 | 217 |
| 145   | L19N  | 39+75 | E       | <5 | <0.2 | 2.91 | 5  | 195 | 5    | 0.61 | 3  | 28 | 74  | 44   | 4.75 | <10  | 0.83 | 989  | 1    | 0.02 | 40 | 4240 | 22 | <5 | <20 | 42   | 0.16 | <10 | 90  | <10 | 2  | 263 |
| 146   | L19N  | 40+00 | E       | <5 | <0.2 | 3.21 | 10 | 240 | <5   | 0.43 | 9  | 29 | 78  | 53   | 5.18 | <10  | 1.14 | 3004 | <1   | 0.03 | 50 | 1640 | 18 | <5 | <20 | 36   | 0.19 | <10 | 107 | <10 | 5  | 348 |
| 147   | L19N  | 40+25 | E       | 5  | <0.2 | 3.42 | 5  | 170 | <5   | 0.52 | 4  | 26 | 75  | 55   | 5.04 | <10  | 1.22 | 1009 | <1   | 0.02 | 45 | 2280 | 16 | <5 | <20 | 34   | 0.17 | <10 | 114 | <10 | 4  | 307 |
| 148   | L19N  | 40+50 | E       | <5 | <0.2 | 2.68 | <5 | 150 | 5    | 0.57 | 3  | 21 | 63  | 32   | 4.28 | <10  | 0.75 | 735  | <1   | 0.03 | 28 | 2070 | 24 | <5 | <20 | 36   | 0.17 | <10 | 89  | <10 | 2  | 232 |
| 149   | L19N  | 40+75 | E       | <5 | <0.2 | 3.11 | <5 | 140 | <5   | 0.59 | 2  | 21 | 67  | 40   | 4.14 | <10  | 0.78 | 1133 | <1   | 0.03 | 29 | 1440 | 16 | <5 | <20 | 34   | 0.20 | <10 | 92  | <10 | 8  | 167 |
| 150   | L19N  | 41+00 | E       | <5 | <0.2 | 3.68 | 5  | 145 | <5   | 0.53 | 2  | 21 | 64  | 41   | 4.04 | <10  | 0.69 | 746  | <1   | 0.04 | 27 | 5270 | 16 | <5 | <20 | 26   | 0.17 | <10 | 87  | <10 | 5  | 133 |
| 151   | L20N  | 26+00 | E       | <5 | <0.2 | 3.90 | 10 | 135 | <5   | 0.71 | 1  | 22 | 74  | 52   | 4.44 | <10  | 0.78 | 682  | <1   | 0.04 | 34 | 2570 | 16 | <5 | <20 | 38   | 0.21 | <10 | 98  | <10 | 4  | 123 |
| 152   | L20N  | 26+25 | E       | <5 | <0.2 | 2.84 | <5 | 125 | 5    | 1.09 | 1  | 25 | 112 | 50   | 4.93 | <10  | 0.89 | 706  | <1   | 0.05 | 36 | 2510 | 12 | <5 | <20 | 51   | 0.19 | <10 | 116 | <10 | 2  | 108 |
| 153   | L20N  | 26+50 | E       | <5 | <0.2 | 4.08 | <5 | 80  | <5   | 0.66 | 2  | 23 | 85  | 58   | 4.37 | <10  | 0.74 | 424  | <1   | 0.05 | 31 | 1690 | 16 | <5 | <20 | 28   | 0.23 | <10 | 100 | <10 | 10 | 175 |
| 154   | L20N  | 26+75 | E       | <5 | <0.2 | 3.60 | <5 | 120 | 5    | 0.63 | 1  | 22 | 75  | 49   | 4.27 | <10  | 0.74 | 782  | <1   | 0.04 | 30 | 2390 | 16 | <5 | <20 | 31   | 0.22 | <10 | 91  | <10 | 5  | 113 |
| 155   | L20N  | 27+00 | E       | 5  | <0.2 | 2.98 | <5 | 105 | <5   | 0.90 | <1 | 23 | 106 | 58   | 4.62 | <10  | 0.89 | 381  | <1   | 0.05 | 35 | 1620 | 10 | <5 | <20 | 44   | 0.18 | <10 | 116 | <10 | 2  | 80  |
| 156   | L20N  | 27+25 | E       | <5 | <0.2 | 3.47 | <5 | 85  | 5    | 0.53 | <1 | 19 | 74  | 37   | 3.84 | <10  | 0.66 | 425  | <1   | 0.03 | 26 | 2430 | 16 | <5 | <20 | 29   | 0.19 | <10 | 80  | <10 | 3  | 113 |
| 157   | L20N  | 27+50 | E       | <5 | <0.2 | 2.84 | 5  | 90  | <5   | 0.83 | <1 | 22 | 108 | 64   | 4.79 | <10  | 0.99 | 346  | <1   | 0.04 | 29 | 1980 | 8  | <5 | <20 | 42   | 0.17 | <10 | 115 | <10 | 2  | 86  |
| 158   | L20N  | 27+75 | E       | <5 | <0.2 | 3.23 | <5 | 105 | <5   | 0.62 | <1 | 23 | 95  | 50   | 4.56 | <10  | 0.81 | 687  | <1   | 0.03 | 26 | 2420 | 14 | <5 | <20 | 36   | 0.19 | <10 | 97  | <10 | 1  | 116 |
| 159   | L20N  | 28+00 | E       | <5 | <0.2 | 3.69 | 5  | 95  | <5   | 0.69 | 2  | 20 | 86  | 48   | 4.92 | <10  | 0.71 | 416  | <1   | 0.04 | 27 | 1320 | 18 | <5 | 20  | 51   | 0.22 | <10 | 100 | <10 | 7  | 115 |
| 160   | L20N  | 28+25 | E       | <5 | <0.2 | 4.18 | 15 | 120 | 5    | 0.35 | 2  | 19 | 46  | 24   | 4.21 | <10  | 0.38 | 386  | <1   | 0.05 | 17 | 2880 | 18 | <5 | 20  | 21   | 0.18 | <10 | 70  | <10 | 3  | 196 |

ROSSMIN EXPLORATIONS LTD.

ICP CERTIFICATE OF ANALYSIS AK 96-1274

ECO-TECH LABORATORIES LTD.

| Et #. | Tag # |       | Au(ppb) | Ag | Al % | As   | Ba | Bi  | Ca % | Cd   | Co | Cr | Cu  | Fe % | La   | Mg % | Mn   | Mo   | Na % | Ni    | P   | Pb   | Sb | Sn | Sr  | Ti % | U    | V   | W   | Y   | Zn |     |
|-------|-------|-------|---------|----|------|------|----|-----|------|------|----|----|-----|------|------|------|------|------|------|-------|-----|------|----|----|-----|------|------|-----|-----|-----|----|-----|
| 161   | L20N  | 28+50 | E       | 5  | <0.2 | 1.85 | <5 | 105 | <5   | 0.80 | 1  | 17 | 94  | 48   | 4.06 | <10  | 0.64 | 515  | <1   | 0.03  | 22  | 1040 | 10 | <5 | <20 | 48   | 0.16 | <10 | 104 | <10 | 3  | 88  |
| 162   | L20N  | 28+75 | E       | 25 | <0.2 | 2.18 | <5 | 90  | <5   | 1.05 | 2  | 26 | 139 | 61   | 5.03 | <10  | 1.24 | 732  | 1    | 0.04  | 36  | 880  | 6  | <5 | <20 | 56   | 0.16 | <10 | 123 | <10 | 7  | 123 |
| 163   | L20N  | 29+00 | E       | <5 | <0.2 | 1.31 | <5 | 65  | 5    | 1.09 | <1 | 19 | 118 | 50   | 4.18 | <10  | 0.91 | 423  | <1   | 0.03  | 25  | 1190 | 6  | <5 | <20 | 60   | 0.15 | <10 | 101 | <10 | 8  | 53  |
| 164   | L20N  | 29+25 | E       | <5 | <0.2 | 3.04 | 10 | 130 | 5    | 0.45 | 1  | 24 | 86  | 43   | 4.78 | <10  | 1.11 | 606  | <1   | 0.03  | 31  | 2180 | 14 | <5 | <20 | 35   | 0.17 | <10 | 110 | <10 | <1 | 179 |
| 165   | L20N  | 29+50 | E       | <5 | <0.2 | 2.88 | <5 | 120 | <5   | 0.49 | 1  | 23 | 105 | 60   | 5.03 | <10  | 1.28 | 516  | <1   | 0.02  | 37  | 1140 | 12 | <5 | <20 | 36   | 0.18 | <10 | 119 | <10 | 3  | 133 |
| 166   | L20N  | 29+75 | E       | <5 | <0.2 | 4.13 | 5  | 155 | 10   | 0.29 | 2  | 26 | 76  | 61   | 4.70 | <10  | 0.98 | 732  | <1   | 0.04  | 39  | 1360 | 20 | <5 | <20 | 24   | 0.21 | <10 | 102 | <10 | 6  | 242 |
| 167   | L20N  | 30+00 | E       | <5 | <0.2 | 2.67 | <5 | 120 | <5   | 0.42 | 1  | 23 | 131 | 71   | 5.68 | <10  | 1.26 | 574  | <1   | 0.01  | 34  | 1340 | 10 | <5 | <20 | 33   | 0.16 | <10 | 123 | <10 | <1 | 123 |
| 168   | L20N  | 30+25 | E       | <5 | <0.2 | 3.75 | 15 | 165 | <5   | 0.30 | 4  | 19 | 49  | 27   | 3.91 | <10  | 0.55 | 1012 | <1   | 0.04  | 24  | 4020 | 18 | <5 | <20 | 24   | 0.16 | <10 | 74  | <10 | 3  | 276 |
| 169   | L20N  | 30+50 | E       | <5 | 0.4  | 3.81 | 10 | 165 | <5   | 0.29 | 8  | 25 | 45  | 39   | 4.31 | <10  | 0.62 | 1716 | <1   | 0.03  | 45  | 2370 | 22 | <5 | <20 | 25   | 0.20 | <10 | 81  | <10 | 7  | 425 |
| 170   | L20N  | 30+75 | E       | 5  | <0.2 | 3.71 | 15 | 185 | 10   | 0.31 | 8  | 36 | 70  | 63   | 6.10 | <10  | 0.97 | 1770 | 4    | 0.03  | 105 | 2010 | 20 | <5 | 20  | 28   | 0.19 | <10 | 121 | <10 | 9  | 672 |
| 171   | L20N  | 31+00 | E       | <5 | <0.2 | 3.89 | <5 | 190 | <5   | 0.40 | 3  | 29 | 87  | 168  | 7.68 | <10  | 1.23 | 630  | 43   | 0.03  | 87  | 2540 | 34 | <5 | 20  | 61   | 0.17 | <10 | 140 | <10 | 2  | 372 |
| 172   | L20N  | 31+25 | E       | <5 | <0.2 | 3.56 | 5  | 180 | 5    | 0.52 | 3  | 22 | 74  | 36   | 4.57 | <10  | 1.05 | 923  | <1   | 0.02  | 31  | 1480 | 14 | <5 | <20 | 45   | 0.19 | <10 | 103 | <10 | 4  | 172 |
| 173   | L20N  | 31+50 | E       | 5  | <0.2 | 3.89 | 5  | 210 | <5   | 0.57 | 2  | 23 | 78  | 40   | 4.72 | <10  | 1.13 | 927  | <1   | 0.02  | 32  | 1800 | 16 | <5 | <20 | 50   | 0.19 | <10 | 107 | <10 | 6  | 160 |
| 174   | L20N  | 31+75 | E       | <5 | <0.2 | 3.39 | <5 | 195 | <5   | 0.49 | 3  | 26 | 95  | 44   | 5.26 | <10  | 1.32 | 1189 | <1   | 0.02  | 40  | 1800 | 14 | <5 | <20 | 44   | 0.20 | <10 | 120 | <10 | 3  | 179 |
| 175   | L20N  | 32+25 | E       | <5 | <0.2 | 3.76 | 10 | 160 | 5    | 0.48 | 5  | 24 | 82  | 47   | 4.94 | <10  | 1.16 | 1058 | <1   | 0.02  | 38  | 2990 | 16 | <5 | <20 | 39   | 0.18 | <10 | 109 | <10 | 7  | 301 |
| 176   | L20N  | 32+50 | E       | <5 | <0.2 | 2.02 | <5 | 105 | <5   | 0.50 | 1  | 16 | 67  | 28   | 3.78 | <10  | 0.55 | 498  | <1   | 0.01  | 21  | 2660 | 16 | <5 | <20 | 33   | 0.14 | <10 | 73  | <10 | <1 | 86  |
| 177   | L20N  | 32+75 | E       | <5 | <0.2 | 2.26 | <5 | 170 | <5   | 0.49 | 2  | 23 | 78  | 50   | 4.02 | <10  | 0.61 | 2300 | <1   | 0.02  | 28  | 1960 | 8  | <5 | <20 | 27   | 0.15 | <10 | 82  | <10 | <1 | 115 |
| 178   | L20N  | 33+00 | E       | <5 | <0.2 | 2.38 | <5 | 90  | 5    | 0.52 | 2  | 21 | 75  | 32   | 3.97 | <10  | 0.58 | 403  | <1   | 0.02  | 27  | 1380 | 10 | <5 | <20 | 24   | 0.15 | <10 | 76  | <10 | 2  | 92  |
| 179   | L20N  | 33+25 | E       | <5 | <0.2 | 2.10 | <5 | 100 | <5   | 0.49 | <1 | 20 | 65  | 31   | 3.94 | <10  | 0.52 | 673  | <1   | 0.01  | 20  | 1380 | 12 | <5 | <20 | 26   | 0.15 | <10 | 79  | <10 | <1 | 79  |
| 180   | L20N  | 33+50 | E       | 5  | <0.2 | 3.42 | <5 | 80  | <5   | 0.91 | 1  | 18 | 62  | 73   | 3.49 | <10  | 0.44 | 574  | <1   | 0.03  | 27  | 600  | 16 | <5 | <20 | 46   | 0.14 | <10 | 62  | <10 | 23 | 69  |
| 181   | L20N  | 33+75 | E       | <5 | <0.2 | 2.94 | 5  | 110 | <5   | 0.27 | <1 | 18 | 67  | 31   | 3.98 | <10  | 0.50 | 531  | <1   | <0.01 | 19  | 2840 | 12 | <5 | <20 | 18   | 0.13 | <10 | 76  | <10 | <1 | 95  |
| 182   | L20N  | 34+00 | E       | <5 | <0.2 | 2.90 | <5 | 130 | <5   | 0.34 | 2  | 18 | 50  | 33   | 3.72 | <10  | 0.51 | 990  | <1   | 0.03  | 19  | 3500 | 18 | <5 | <20 | 24   | 0.16 | <10 | 63  | <10 | 2  | 143 |
| 183   | L20N  | 34+25 | E       | 5  | <0.2 | 3.21 | <5 | 75  | <5   | 0.43 | <1 | 17 | 59  | 36   | 3.91 | <10  | 0.40 | 555  | <1   | 0.03  | 21  | 560  | 16 | <5 | <20 | 23   | 0.17 | <10 | 78  | <10 | 9  | 66  |
| 184   | L20N  | 34+50 | E       | <5 | <0.2 | 3.28 | <5 | 80  | <5   | 0.69 | 3  | 19 | 74  | 50   | 3.96 | <10  | 0.61 | 540  | <1   | 0.01  | 27  | 970  | 14 | <5 | <20 | 36   | 0.16 | <10 | 77  | <10 | 11 | 107 |
| 185   | L20N  | 34+75 | E       | <5 | 3.0  | 2.80 | 5  | 105 | <5   | 0.70 | 3  | 21 | 84  | 172  | 4.01 | 10   | 0.73 | 1072 | <1   | 0.03  | 30  | 1000 | 16 | <5 | <20 | 40   | 0.12 | <10 | 86  | <10 | 35 | 129 |
| 186   | L20N  | 35+00 | E       | <5 | <0.2 | 2.15 | <5 | 105 | <5   | 0.53 | <1 | 22 | 97  | 69   | 4.25 | <10  | 1.04 | 497  | <1   | 0.01  | 31  | 1610 | 10 | <5 | <20 | 29   | 0.10 | <10 | 93  | <10 | <1 | 72  |
| 187   | L20N  | 35+50 | E       | <5 | 0.8  | 3.04 | 10 | 120 | <5   | 1.03 | 6  | 27 | 90  | 111  | 5.09 | <10  | 1.53 | 1078 | 3    | 0.02  | 77  | 840  | 16 | <5 | <20 | 60   | 0.08 | <10 | 115 | <10 | 18 | 471 |
| 188   | L20N  | 35+75 | E       | <5 | <0.2 | 2.71 | <5 | 215 | <5   | 0.54 | 2  | 18 | 67  | 36   | 3.85 | <10  | 0.75 | 1155 | <1   | 0.02  | 26  | 2760 | 20 | <5 | <20 | 37   | 0.13 | <10 | 78  | <10 | 2  | 169 |
| 189   | L20N  | 36+00 | E       | <5 | <0.2 | 2.32 | <5 | 135 | <5   | 0.29 | 2  | 17 | 71  | 29   | 3.75 | <10  | 0.65 | 1139 | <1   | 0.02  | 22  | 1800 | 14 | <5 | <20 | 23   | 0.14 | <10 | 74  | <10 | <1 | 142 |
| 190   | L20N  | 36+25 | E       | 5  | <0.2 | 1.89 | <5 | 85  | <5   | 0.30 | <1 | 19 | 96  | 44   | 4.07 | <10  | 0.82 | 519  | <1   | <0.01 | 26  | 1400 | 12 | <5 | <20 | 23   | 0.11 | <10 | 80  | <10 | <1 | 70  |
| 191   | L20N  | 36+50 | E       | <5 | <0.2 | 2.36 | <5 | 105 | 5    | 0.22 | 1  | 20 | 78  | 36   | 4.12 | <10  | 0.84 | 821  | <1   | <0.01 | 28  | 1550 | 14 | <5 | <20 | 16   | 0.14 | <10 | 83  | <10 | <1 | 132 |
| 192   | L20N  | 36+75 | E       | 5  | 0.2  | 2.08 | 5  | 155 | <5   | 0.31 | 2  | 19 | 70  | 45   | 4.03 | <10  | 0.66 | 1110 | <1   | 0.02  | 24  | 2030 | 16 | <5 | <20 | 21   | 0.11 | <10 | 83  | <10 | <1 | 142 |
| 193   | L20N  | 37+00 | E       | <5 | <0.2 | 2.02 | <5 | 170 | <5   | 0.44 | 2  | 19 | 79  | 41   | 4.05 | <10  | 0.86 | 1138 | <1   | 0.02  | 28  | 1940 | 22 | <5 | <20 | 29   | 0.11 | <10 | 79  | <10 | <1 | 152 |
| 194   | L20N  | 37+25 | E       | <5 | <0.2 | 2.55 | <5 | 190 | <5   | 0.40 | 4  | 29 | 70  | 38   | 4.66 | <10  | 1.00 | 1521 | 1    | 0.02  | 41  | 2640 | 18 | <5 | <20 | 29   | 0.12 | <10 | 89  | <10 | <1 | 321 |
| 195   | L20N  | 37+50 | E       | <5 | <0.2 | 2.97 | <5 | 100 | <5   | 0.31 | 3  | 30 | 64  | 49   | 4.46 | <10  | 0.97 | 550  | <1   | <0.01 | 55  | 1210 | 20 | <5 | <20 | 24   | 0.14 | <10 | 96  | <10 | 5  | 350 |

ROSSMIN EXPLORATIONS LTD.

ICP CERTIFICATE OF ANALYSIS AK 96-1274

ECO-TECH LABORATORIES LTD.

| Et #. | Tag # |       | Au(ppb) | Ag | Al % | As    | Ba | Bi  | Ca % | Cd    | Co | Cr | Cu | Fe % | La    | Mg % | Mn    | Mo   | Na % | Ni    | P  | Pb   | Sb | Sn | Sr  | Ti % | U     | V   | W   | Y   | Zn |     |
|-------|-------|-------|---------|----|------|-------|----|-----|------|-------|----|----|----|------|-------|------|-------|------|------|-------|----|------|----|----|-----|------|-------|-----|-----|-----|----|-----|
| 196   | L20N  | 37+75 | E       | <5 | 0.4  | 2.31  | <5 | 180 | <5   | 0.35  | 4  | 19 | 55 | 20   | 3.61  | <10  | 0.70  | 1049 | <1   | <0.01 | 23 | 2680 | 18 | <5 | <20 | 36   | 0.13  | <10 | 74  | <10 | <1 | 276 |
| 197   | L20N  | 38+00 | E       | 5  | 0.6  | 1.54  | <5 | 240 | <5   | 0.22  | 3  | 16 | 48 | 17   | 3.22  | <10  | 0.50  | 1138 | <1   | <0.01 | 16 | 2490 | 18 | <5 | <20 | 27   | 0.11  | <10 | 61  | <10 | <1 | 176 |
| 198   | L20N  | 38+25 | E       | 10 | 0.4  | 2.41  | 10 | 185 | <5   | 0.19  | 1  | 16 | 52 | 25   | 3.52  | <10  | 0.73  | 822  | <1   | <0.01 | 26 | 3250 | 18 | <5 | <20 | 24   | 0.11  | <10 | 69  | <10 | <1 | 256 |
| 199   | L20N  | 38+50 | E       | <5 | 0.4  | 2.53  | 5  | 130 | <5   | 0.19  | 2  | 18 | 54 | 21   | 3.61  | <10  | 0.67  | 690  | <1   | <0.01 | 28 | 2250 | 20 | <5 | <20 | 19   | 0.12  | <10 | 71  | <10 | <1 | 311 |
| 200   | L20N  | 38+75 | E       | <5 | 0.8  | 1.68  | 5  | 200 | <5   | 0.19  | 2  | 15 | 50 | 16   | 3.22  | <10  | 0.56  | 1339 | <1   | <0.01 | 18 | 2510 | 24 | <5 | <20 | 24   | 0.10  | <10 | 61  | <10 | <1 | 202 |
| 201   | L20N  | 39+00 | E       | 5  | <0.2 | 2.40  | 5  | 160 | <5   | 0.21  | 4  | 17 | 60 | 32   | 3.57  | <10  | 0.81  | 840  | 6    | <0.01 | 33 | 1730 | 24 | 30 | <20 | 16   | 0.08  | <10 | 71  | <10 | 3  | 188 |
| 202   | L20N  | 39+25 | E       | <5 | <0.2 | 1.39  | <5 | 105 | 15   | 0.16  | 2  | 12 | 38 | 15   | 2.48  | <10  | 0.45  | 698  | <1   | <0.01 | 18 | 1400 | 24 | <5 | <20 | 7    | 0.06  | <10 | 43  | <10 | <1 | 132 |
| 203   | L20N  | 39+50 | E       | <5 | <0.2 | <0.01 | <5 | <5  | <5   | <0.01 | <1 | <1 | <1 | <1   | <0.01 | <10  | <0.01 | <1   | <1   | <0.01 | <1 | <10  | <2 | <5 | <20 | <1   | <0.01 | <10 | <1  | <10 | <1 | <1  |
| 204   | L20N  | 39+75 | E       | <5 | <0.2 | 0.60  | 5  | 40  | 10   | 0.07  | <1 | 6  | 17 | 6    | 1.16  | <10  | 0.19  | 328  | <1   | <0.01 | 9  | 720  | 18 | <5 | 20  | <1   | 0.03  | <10 | 19  | 20  | <1 | 67  |
| 205   | L20N  | 40+00 | E       | 10 | 0.4  | 0.01  | <5 | <5  | <5   | <0.01 | <1 | <1 | <1 | <1   | 0.03  | <10  | <0.01 | 8    | <1   | <0.01 | <1 | <10  | <2 | <5 | <20 | <1   | 0.01  | 20  | <1  | <10 | <1 | <1  |
| 206   | L20N  | 40+25 | E       | <5 | <0.2 | 0.19  | 25 | 15  | <5   | 0.02  | <1 | 2  | 6  | 2    | 0.38  | <10  | 0.06  | 106  | 2    | <0.01 | 4  | 250  | 10 | 10 | 20  | <1   | <0.01 | <10 | 7   | 20  | 2  | 22  |
| 207   | L20N  | 40+50 | E       | <5 | 0.4  | 0.18  | <5 | 15  | <5   | 0.02  | <1 | <1 | 5  | 1    | 0.35  | <10  | 0.06  | 99   | <1   | <0.01 | 2  | 140  | <2 | <5 | <20 | 3    | 0.01  | 10  | 6   | <10 | <1 | 19  |
| 208   | L20N  | 40+75 | E       | <5 | <0.2 | 0.12  | <5 | 15  | <5   | 0.01  | <1 | <1 | 3  | <1   | 0.23  | <10  | 0.04  | 66   | <1   | <0.01 | 3  | 30   | <2 | <5 | <20 | 6    | <0.01 | <10 | 4   | <10 | <1 | 11  |
| 209   | L20N  | 41+00 | E       | <5 | <0.2 | 0.24  | <5 | 15  | 10   | 0.03  | <1 | 2  | 7  | 2    | 0.48  | <10  | 0.07  | 134  | <1   | <0.01 | 4  | 300  | 8  | <5 | <20 | <1   | <0.01 | <10 | 8   | 10  | <1 | 28  |
| 210   | L21N  | 26+50 | E       | <5 | <0.2 | 0.41  | 5  | 30  | 10   | 0.05  | <1 | 4  | 12 | 4    | 0.81  | <10  | 0.13  | 228  | <1   | <0.01 | 7  | 500  | 14 | <5 | 20  | <1   | 0.02  | <10 | 13  | 10  | <1 | 47  |
| 211   | L21N  | 26+75 | E       | <5 | <0.2 | 3.43  | <5 | 285 | 10   | 0.46  | 5  | 25 | 57 | 43   | 4.89  | <10  | 1.17  | 1364 | 5    | <0.01 | 63 | 2100 | 26 | <5 | <20 | 37   | 0.20  | <10 | 103 | <10 | 5  | 353 |
| 212   | L21N  | 27+00 | E       | 15 | <0.2 | 3.67  | 5  | 175 | <5   | 0.37  | 3  | 26 | 48 | 58   | 5.00  | <10  | 0.85  | 1028 | 6    | <0.01 | 49 | 1840 | 28 | <5 | 20  | 33   | 0.17  | <10 | 103 | <10 | 4  | 347 |
| 213   | L21N  | 27+25 | E       | 5  | <0.2 | 4.00  | 30 | 195 | 10   | 0.42  | 2  | 22 | 44 | 33   | 5.10  | <10  | 1.03  | 1189 | 3    | <0.01 | 34 | 1980 | 32 | <5 | <20 | 30   | 0.22  | <10 | 105 | <10 | 8  | 268 |
| 214   | L21N  | 27+50 | E       | <5 | <0.2 | 3.09  | 5  | 220 | 5    | 0.29  | 3  | 21 | 63 | 32   | 4.64  | <10  | 1.00  | 1180 | 4    | <0.01 | 42 | 1470 | 28 | <5 | <20 | 22   | 0.16  | <10 | 116 | <10 | 4  | 378 |
| 215   | L21N  | 27+75 | E       | <5 | <0.2 | 2.91  | <5 | 145 | 10   | 0.38  | 4  | 20 | 59 | 27   | 4.05  | <10  | 0.69  | 1256 | 2    | 0.01  | 32 | 1880 | 26 | <5 | <20 | 26   | 0.17  | <10 | 79  | <10 | 4  | 216 |
| 216   | L21N  | 28+00 | E       | <5 | <0.2 | 2.21  | <5 | 105 | <5   | 0.30  | 1  | 20 | 61 | 32   | 4.09  | <10  | 0.85  | 919  | 3    | <0.01 | 35 | 1050 | 40 | 5  | <20 | 18   | 0.15  | <10 | 82  | <10 | <1 | 174 |
| 217   | L21N  | 28+25 | E       | <5 | 0.4  | 3.15  | 10 | 125 | 5    | 0.17  | 3  | 27 | 43 | 49   | 5.33  | <10  | 0.99  | 875  | 8    | <0.01 | 63 | 2320 | 30 | <5 | 20  | 18   | 0.17  | <10 | 90  | <10 | 2  | 447 |
| 218   | L21N  | 28+50 | E       | <5 | 0.8  | 2.61  | 15 | 165 | 10   | 0.19  | 3  | 22 | 41 | 31   | 4.67  | <10  | 0.82  | 1041 | 4    | <0.01 | 42 | 1980 | 26 | <5 | <20 | 14   | 0.16  | <10 | 77  | <10 | 1  | 484 |
| 219   | L21N  | 28+75 | E       | <5 | 1.0  | 3.04  | 15 | 230 | <5   | 0.27  | 5  | 22 | 56 | 49   | 4.88  | <10  | 1.18  | 1499 | 5    | <0.01 | 53 | 2830 | 30 | <5 | <20 | 26   | 0.15  | <10 | 86  | <10 | 6  | 463 |
| 220   | L21N  | 29+00 | E       | <5 | 0.4  | 3.54  | 20 | 315 | <5   | 0.44  | 4  | 27 | 60 | 43   | 4.95  | <10  | 1.24  | 1327 | 3    | <0.01 | 62 | 3910 | 30 | <5 | <20 | 47   | 0.23  | <10 | 85  | <10 | 1  | 449 |
| 221   | L21N  | 29+25 | E       | 5  | 0.4  | 3.14  | 15 | 185 | 5    | 0.30  | 7  | 25 | 49 | 48   | 4.87  | <10  | 0.93  | 1193 | 8    | <0.01 | 56 | 2570 | 26 | 15 | <20 | 32   | 0.15  | <10 | 71  | <10 | 5  | 589 |
| 222   | L21N  | 29+50 | E       | <5 | 0.4  | 2.19  | <5 | 140 | 10   | 0.22  | 3  | 20 | 53 | 25   | 4.72  | <10  | 0.73  | 1423 | 3    | <0.01 | 25 | 1800 | 24 | <5 | 20  | 13   | 0.16  | <10 | 82  | <10 | <1 | 255 |
| 223   | L21N  | 29+75 | E       | <5 | <0.2 | 2.35  | <5 | 120 | 5    | 0.34  | 2  | 19 | 51 | 19   | 4.02  | <10  | 0.60  | 1359 | 2    | <0.01 | 20 | 1550 | 22 | <5 | <20 | 24   | 0.15  | <10 | 69  | <10 | <1 | 155 |
| 224   | L21N  | 30+00 | E       | <5 | <0.2 | 2.58  | <5 | 100 | 5    | 0.23  | 2  | 17 | 55 | 26   | 3.98  | <10  | 0.62  | 966  | 2    | 0.02  | 21 | 1030 | 24 | <5 | <20 | 14   | 0.15  | <10 | 73  | <10 | <1 | 102 |
| 225   | L21N  | 30+25 | E       | 5  | <0.2 | 2.64  | <5 | 160 | 10   | 0.35  | <1 | 18 | 49 | 23   | 3.86  | <10  | 0.54  | 1004 | 1    | <0.01 | 21 | 1490 | 24 | <5 | <20 | 25   | 0.16  | <10 | 69  | <10 | <1 | 116 |
| 226   | L21N  | 30+75 | E       | <5 | <0.2 | 3.53  | 5  | 120 | <5   | 0.29  | 1  | 18 | 55 | 36   | 3.96  | <10  | 0.61  | 530  | 2    | 0.02  | 24 | 2430 | 30 | <5 | <20 | 18   | 0.16  | <10 | 70  | <10 | 2  | 106 |
| 227   | L21N  | 31+00 | E       | 20 | 0.4  | 2.79  | <5 | 85  | 5    | 0.70  | 2  | 23 | 65 | 47   | 4.22  | <10  | 0.81  | 1324 | 2    | 0.03  | 28 | 890  | 26 | <5 | <20 | 36   | 0.15  | <10 | 74  | <10 | 7  | 148 |
| 228   | L21N  | 31+25 | E       | 5  | <0.2 | 2.70  | <5 | 85  | <5   | 0.77  | 1  | 19 | 57 | 40   | 3.82  | <10  | 0.64  | 926  | 1    | 0.03  | 27 | 1570 | 24 | <5 | <20 | 47   | 0.16  | <10 | 67  | <10 | 3  | 151 |
| 229   | L21N  | 31+50 | E       | <5 | 0.2  | 2.78  | <5 | 95  | <5   | 0.53  | 1  | 20 | 58 | 39   | 3.78  | <10  | 0.61  | 1072 | <1   | 0.01  | 28 | 1380 | 28 | <5 | <20 | 28   | 0.16  | <10 | 66  | <10 | 3  | 148 |
| 230   | L21N  | 31+75 | E       | <5 | <0.2 | 3.06  | <5 | 90  | <5   | 0.52  | 2  | 19 | 53 | 36   | 3.93  | <10  | 0.53  | 544  | <1   | 0.02  | 25 | 1230 | 26 | <5 | <20 | 27   | 0.17  | <10 | 69  | <10 | 8  | 140 |

| Et #. | Tag # |       | Au(ppb) | Ag | Al % | As   | Ba | Bi  | Ca % | Cd   | Co | Cr | Cu  | Fe % | La   | Mg % | Mn   | Mo   | Na % | Ni    | P  | Pb   | Sb | Sn | Sr  | Ti % | U    | V   | W   | Y   | Zn |     |
|-------|-------|-------|---------|----|------|------|----|-----|------|------|----|----|-----|------|------|------|------|------|------|-------|----|------|----|----|-----|------|------|-----|-----|-----|----|-----|
| 231   | L21N  | 32+25 | E       | 10 | <0.2 | 2.51 | 5  | 120 | <5   | 0.42 | 4  | 20 | 63  | 45   | 3.84 | <10  | 0.65 | 753  | <1   | 0.02  | 25 | 2390 | 24 | <5 | <20 | 23   | 0.16 | <10 | 69  | <10 | 5  | 162 |
| 232   | L21N  | 32+50 | E       | 15 | <0.2 | 1.98 | 5  | 90  | 10   | 0.33 | 1  | 17 | 49  | 21   | 3.85 | <10  | 0.40 | 375  | 1    | <0.01 | 18 | 1120 | 22 | 5  | 20  | 22   | 0.17 | <10 | 67  | <10 | 2  | 99  |
| 233   | L21N  | 32+75 | E       | <5 | 0.2  | 2.35 | 5  | 125 | 10   | 0.35 | 1  | 20 | 60  | 26   | 4.04 | <10  | 0.52 | 1153 | <1   | 0.01  | 22 | 3110 | 22 | <5 | 20  | 17   | 0.18 | <10 | 71  | <10 | <1 | 122 |
| 234   | L21N  | 33+00 | E       | 5  | 0.2  | 3.31 | 5  | 85  | 10   | 0.43 | <1 | 21 | 65  | 39   | 3.96 | <10  | 0.57 | 530  | <1   | 0.01  | 27 | 3080 | 28 | <5 | <20 | 22   | 0.17 | <10 | 73  | <10 | 9  | 97  |
| 235   | L21N  | 33+25 | E       | <5 | 0.4  | 2.73 | 5  | 125 | 5    | 0.42 | 1  | 20 | 50  | 25   | 3.81 | <10  | 0.46 | 1191 | <1   | 0.01  | 21 | 1650 | 28 | <5 | 20  | 22   | 0.17 | <10 | 63  | <10 | 2  | 135 |
| 236   | L21N  | 33+50 | E       | 35 | 0.2  | 2.68 | 5  | 110 | 5    | 0.28 | 1  | 20 | 56  | 25   | 3.98 | <10  | 0.48 | 939  | <1   | <0.01 | 18 | 4490 | 24 | <5 | 20  | 17   | 0.17 | <10 | 63  | <10 | <1 | 183 |
| 237   | L21N  | 33+75 | E       | <5 | <0.2 | 2.35 | 5  | 150 | 5    | 0.42 | 1  | 18 | 53  | 22   | 3.85 | <10  | 0.47 | 1033 | <1   | <0.01 | 18 | 4360 | 24 | <5 | 20  | 26   | 0.17 | <10 | 62  | <10 | <1 | 144 |
| 238   | L21N  | 34+00 | E       | <5 | <0.2 | 3.34 | 5  | 120 | <5   | 0.42 | 1  | 22 | 97  | 39   | 4.77 | <10  | 0.69 | 398  | 2    | 0.01  | 37 | 820  | 26 | <5 | <20 | 23   | 0.17 | <10 | 95  | <10 | 3  | 113 |
| 239   | L21N  | 34+25 | E       | 5  | 0.2  | 2.79 | 5  | 100 | 10   | 0.41 | 1  | 23 | 75  | 44   | 4.72 | <10  | 0.69 | 591  | 1    | <0.01 | 27 | 1000 | 28 | <5 | 20  | 23   | 0.17 | <10 | 79  | <10 | <1 | 132 |
| 240   | L21N  | 34+50 | E       | <5 | 0.4  | 2.68 | 5  | 125 | 10   | 0.34 | 2  | 17 | 47  | 25   | 3.79 | <10  | 0.40 | 761  | <1   | 0.03  | 17 | 1710 | 26 | <5 | 20  | 24   | 0.17 | <10 | 65  | <10 | 1  | 170 |
| 241   | L21N  | 34+75 | E       | <5 | 0.6  | 2.52 | 5  | 105 | <5   | 0.65 | 2  | 21 | 71  | 63   | 4.01 | <10  | 0.56 | 1803 | 2    | 0.03  | 26 | 1180 | 28 | <5 | <20 | 33   | 0.16 | <10 | 77  | <10 | 16 | 166 |
| 242   | L21N  | 35+00 | E       | 5  | <0.2 | 1.41 | 5  | 105 | 5    | 0.51 | 1  | 17 | 68  | 32   | 4.04 | <10  | 0.48 | 469  | 1    | 0.01  | 18 | 810  | 24 | <5 | 20  | 26   | 0.15 | <10 | 95  | <10 | <1 | 87  |
| 243   | L21N  | 35+25 | E       | 10 | <0.2 | 1.98 | 5  | 85  | 5    | 0.73 | 1  | 25 | 116 | 55   | 4.63 | <10  | 1.06 | 665  | 4    | 0.02  | 38 | 920  | 16 | 10 | <20 | 34   | 0.12 | <10 | 104 | <10 | 10 | 90  |
| 244   | L21N  | 35+50 | E       | <5 | 0.4  | 3.37 | 5  | 110 | <5   | 0.28 | 2  | 22 | 61  | 65   | 3.95 | <10  | 0.79 | 521  | <1   | 0.02  | 41 | 1270 | 28 | <5 | <20 | 19   | 0.19 | <10 | 73  | <10 | 17 | 203 |
| 245   | L21N  | 35+75 | E       | 5  | 1.4  | 3.11 | 10 | 160 | 5    | 0.32 | 3  | 36 | 71  | 63   | 5.27 | <10  | 1.02 | 487  | 4    | <0.01 | 61 | 2280 | 24 | <5 | <20 | 18   | 0.15 | <10 | 98  | <10 | 2  | 400 |
| 246   | L21N  | 36+00 | E       | <5 | <0.2 | 3.23 | 5  | 155 | 15   | 0.49 | 2  | 23 | 83  | 41   | 4.41 | <10  | 0.98 | 857  | <1   | 0.02  | 32 | 1570 | 16 | 5  | <20 | 46   | 0.27 | <10 | 97  | <10 | 6  | 141 |
| 247   | L21N  | 36+25 | E       | 10 | 0.2  | 3.37 | 5  | 105 | 10   | 0.41 | 3  | 27 | 100 | 75   | 5.12 | <10  | 1.34 | 542  | 3    | 0.02  | 45 | 2200 | 18 | 10 | <20 | 38   | 0.24 | <10 | 122 | <10 | 7  | 180 |
| 248   | L21N  | 36+50 | E       | 5  | <0.2 | 2.37 | 5  | 170 | <5   | 0.81 | 1  | 24 | 107 | 58   | 4.60 | <10  | 1.27 | 1291 | <1   | 0.02  | 33 | 1200 | 10 | <5 | <20 | 69   | 0.26 | <10 | 105 | <10 | 2  | 100 |
| 249   | L21N  | 36+75 | E       | <5 | <0.2 | 3.27 | 5  | 115 | 10   | 0.44 | <1 | 22 | 89  | 47   | 4.48 | <10  | 0.99 | 815  | <1   | 0.02  | 29 | 1770 | 16 | <5 | <20 | 40   | 0.26 | <10 | 97  | <10 | 3  | 104 |
| 250   | L21N  | 37+00 | E       | <5 | <0.2 | 3.52 | 10 | 185 | 10   | 0.36 | 3  | 25 | 77  | 47   | 4.78 | <10  | 1.08 | 1424 | 2    | 0.02  | 37 | 1690 | 20 | 5  | <20 | 31   | 0.27 | <10 | 111 | <10 | 4  | 187 |
| 251   | L21N  | 37+25 | E       | <5 | <0.2 | 3.55 | 10 | 160 | 10   | 0.31 | 3  | 22 | 64  | 35   | 4.49 | <10  | 0.83 | 931  | 3    | 0.02  | 29 | 3400 | 18 | 5  | <20 | 26   | 0.24 | <10 | 92  | <10 | 2  | 213 |
| 252   | L21N  | 37+50 | E       | 40 | <0.2 | 3.58 | 10 | 170 | 5    | 0.39 | 3  | 26 | 71  | 40   | 4.73 | <10  | 1.09 | 854  | 3    | 0.02  | 44 | 1710 | 16 | <5 | <20 | 34   | 0.23 | <10 | 108 | <10 | 2  | 282 |
| 253   | L21N  | 37+75 | E       | <5 | <0.2 | 3.17 | 10 | 210 | 10   | 0.45 | 3  | 24 | 82  | 46   | 4.99 | <10  | 1.23 | 1359 | 3    | 0.01  | 38 | 2020 | 16 | 10 | <20 | 46   | 0.21 | <10 | 108 | <10 | 2  | 229 |
| 254   | L21N  | 38+00 | E       | <5 | <0.2 | 2.88 | 5  | 335 | 10   | 0.45 | 8  | 22 | 70  | 25   | 4.39 | <10  | 1.03 | 2391 | <1   | 0.02  | 30 | 2440 | 20 | <5 | <20 | 46   | 0.23 | <10 | 100 | <10 | 3  | 278 |
| 255   | L21N  | 38+25 | E       | <5 | <0.2 | 3.48 | 10 | 180 | 5    | 0.52 | 3  | 24 | 80  | 50   | 4.93 | <10  | 1.31 | 760  | 3    | 0.02  | 39 | 1770 | 16 | 15 | <20 | 47   | 0.23 | <10 | 120 | <10 | 7  | 163 |
| 256   | L21N  | 38+50 | E       | <5 | <0.2 | 3.68 | 10 | 245 | 10   | 0.48 | 4  | 24 | 77  | 43   | 4.79 | <10  | 1.23 | 1013 | 5    | 0.02  | 39 | 2110 | 20 | 20 | <20 | 42   | 0.20 | <10 | 112 | <10 | 6  | 247 |
| 257   | L21N  | 38+75 | E       | 5  | <0.2 | 3.79 | 15 | 220 | 5    | 0.44 | 3  | 26 | 90  | 56   | 5.42 | <10  | 1.51 | 871  | 5    | 0.02  | 44 | 2560 | 18 | 15 | <20 | 39   | 0.22 | <10 | 139 | <10 | 4  | 189 |
| 258   | L21N  | 39+00 | E       | <5 | <0.2 | 3.05 | <5 | 160 | 5    | 0.46 | 2  | 24 | 73  | 50   | 4.61 | <10  | 1.37 | 894  | 3    | 0.02  | 34 | 1590 | 14 | 5  | <20 | 38   | 0.18 | <10 | 117 | <10 | 5  | 179 |
| 259   | L21N  | 39+25 | E       | 10 | <0.2 | 3.48 | 5  | 185 | 10   | 0.42 | 3  | 20 | 70  | 41   | 4.44 | <10  | 1.11 | 755  | 3    | 0.02  | 32 | 2510 | 18 | 10 | <20 | 37   | 0.19 | <10 | 103 | <10 | 6  | 163 |
| 260   | L21N  | 39+50 | E       | <5 | 0.8  | 2.74 | <5 | 175 | <5   | 0.46 | 3  | 20 | 66  | 27   | 4.23 | <10  | 0.97 | 1129 | 3    | 0.01  | 30 | 1910 | 16 | 5  | <20 | 41   | 0.17 | <10 | 88  | <10 | 2  | 174 |
| 261   | L21N  | 39+75 | E       | <5 | 0.4  | 2.90 | <5 | 265 | 5    | 0.39 | 5  | 18 | 47  | 28   | 3.87 | <10  | 0.73 | 1970 | 2    | 0.02  | 22 | 2400 | 20 | 5  | <20 | 37   | 0.18 | <10 | 74  | <10 | 3  | 221 |
| 262   | L21N  | 40+00 | E       | <5 | 0.4  | 2.60 | 5  | 200 | 10   | 0.54 | 4  | 18 | 47  | 28   | 3.80 | <10  | 0.75 | 1912 | 2    | 0.02  | 23 | 2110 | 22 | <5 | <20 | 54   | 0.17 | <10 | 79  | <10 | 3  | 179 |
| 263   | L21N  | 40+25 | E       | 5  | 0.8  | 2.56 | <5 | 215 | 10   | 0.27 | 2  | 19 | 42  | 20   | 3.96 | <10  | 0.57 | 1924 | 1    | 0.01  | 18 | 2820 | 20 | <5 | <20 | 30   | 0.18 | <10 | 72  | <10 | 1  | 179 |
| 264   | L21N  | 40+50 | E       | <5 | 0.4  | 3.42 | 10 | 185 | 5    | 0.28 | 3  | 18 | 42  | 24   | 3.92 | <10  | 0.69 | 1469 | 3    | 0.01  | 24 | 2220 | 22 | 15 | <20 | 27   | 0.20 | <10 | 78  | <10 | 3  | 191 |
| 265   | L21N  | 40+75 | E       | <5 | 0.6  | 2.97 | 10 | 210 | 5    | 0.17 | 2  | 14 | 22  | 20   | 3.04 | <10  | 0.28 | 2039 | 2    | 0.02  | 12 | 4620 | 20 | 5  | <20 | 19   | 0.20 | <10 | 48  | <10 | 3  | 159 |



ROSSMIN EXPLORATIONS LTD.

ICP CERTIFICATE OF ANALYSIS AK 96-1274

ECO-TECH LABORATORIES LTD.

| Et #. | Tag #      | Au(ppb) | Ag | Al % | As   | Ba | Bi  | Ca %    | Cd | Co | Cr | Cu | Fe % | La  | Mg % | Mn   | Mo | Na %  | Ni | P    | Pb | Sb | Sn  | Sr | Tl % | U   | V   | W   | Y  | Zn  |
|-------|------------|---------|----|------|------|----|-----|---------|----|----|----|----|------|-----|------|------|----|-------|----|------|----|----|-----|----|------|-----|-----|-----|----|-----|
| 266   | L21N 41+00 | E       | <5 | 0.6  | 2.36 | <5 | 360 | 10 0.31 | 4  | 15 | 29 | 22 | 3.44 | <10 | 0.42 | 6782 | <1 | 0.01  | 14 | 2540 | 48 | <5 | <20 | 39 | 0.19 | <10 | 54  | <10 | 3  | 268 |
| 267   | L22N 26+00 | E       | <5 | 0.8  | 1.74 | <5 | 145 | <5 0.34 | 3  | 11 | 32 | 21 | 2.55 | <10 | 0.42 | 639  | 13 | <0.01 | 29 | 800  | <2 | 65 | <20 | 43 | 0.05 | <10 | 52  | <10 | <1 | 66  |
| 268   | L22N 26+25 | E       | 5  | <0.2 | 4.53 | 10 | 265 | 10 0.36 | 4  | 24 | 53 | 46 | 5.02 | <10 | 1.25 | 974  | 6  | 0.02  | 63 | 2050 | 24 | 5  | <20 | 34 | 0.35 | <10 | 112 | <10 | 12 | 390 |
| 269   | L22N 26+50 | E       | <5 | <0.2 | 3.52 | <5 | 490 | 10 0.66 | 5  | 27 | 81 | 29 | 5.29 | <10 | 1.26 | 2458 | 1  | 0.02  | 54 | 3500 | 30 | 10 | <20 | 67 | 0.36 | <10 | 99  | <10 | 5  | 265 |
| 270   | L22N 26+75 | E       | <5 | <0.2 | 3.80 | <5 | 285 | 10 0.57 | 4  | 24 | 63 | 36 | 4.75 | <10 | 0.90 | 1533 | 3  | 0.02  | 42 | 3630 | 20 | <5 | <20 | 46 | 0.28 | <10 | 88  | <10 | 5  | 254 |
| 271   | L22N 27+00 | E       | <5 | <0.2 | 4.23 | 10 | 210 | 10 0.31 | 3  | 24 | 53 | 49 | 5.00 | <10 | 1.08 | 1003 | 8  | 0.02  | 53 | 1560 | 20 | 15 | <20 | 31 | 0.27 | <10 | 117 | <10 | 9  | 316 |
| 272   | L22N 27+25 | E       | <5 | 0.2  | 3.53 | <5 | 165 | 5 0.48  | 3  | 22 | 57 | 48 | 4.69 | <10 | 0.97 | 646  | 5  | 0.02  | 38 | 2470 | 16 | 15 | <20 | 43 | 0.24 | <10 | 112 | <10 | 5  | 185 |
| 273   | L22N 27+50 | E       | <5 | <0.2 | 4.10 | 5  | 115 | 10 0.29 | 1  | 18 | 58 | 38 | 3.87 | <10 | 0.67 | 707  | 2  | 0.02  | 23 | 2900 | 20 | <5 | <20 | 23 | 0.27 | <10 | 83  | <10 | 6  | 100 |
| 274   | L22N 27+75 | E       | <5 | <0.2 | 4.35 | 5  | 165 | 10 0.36 | 2  | 21 | 65 | 50 | 4.29 | <10 | 1.29 | 578  | 4  | 0.02  | 38 | 1240 | 22 | 15 | <20 | 28 | 0.28 | <10 | 110 | <10 | 14 | 189 |
| 275   | L22N 28+00 | E       | 10 | <0.2 | 3.86 | 10 | 165 | 10 0.35 | 3  | 21 | 70 | 40 | 4.93 | <10 | 2.00 | 1991 | 7  | 0.02  | 42 | 2460 | 22 | 15 | <20 | 34 | 0.26 | <10 | 145 | <10 | 6  | 335 |
| 276   | L22N 28+25 | E       | <5 | <0.2 | 4.03 | 5  | 135 | 10 0.40 | 1  | 18 | 59 | 31 | 4.28 | <10 | 0.75 | 515  | 1  | 0.02  | 25 | 1750 | 20 | <5 | <20 | 35 | 0.31 | <10 | 89  | <10 | 5  | 107 |
| 277   | L22N 28+50 | E       | 5  | 0.4  | 4.31 | 10 | 240 | 15 0.41 | 3  | 26 | 73 | 49 | 5.17 | <10 | 1.50 | 1190 | 8  | 0.02  | 70 | 2490 | 22 | 15 | <20 | 49 | 0.32 | <10 | 101 | <10 | 8  | 315 |
| 278   | L22N 28+75 | E       | <5 | 1.4  | 3.80 | 10 | 200 | 15 0.44 | 5  | 24 | 54 | 45 | 4.98 | <10 | 1.43 | 1492 | 10 | 0.01  | 48 | 2470 | 24 | 30 | <20 | 46 | 0.22 | <10 | 98  | <10 | 8  | 377 |
| 279   | L22N 29+00 | E       | <5 | 0.2  | 3.38 | 10 | 210 | 10 0.27 | 5  | 24 | 62 | 44 | 5.29 | <10 | 1.33 | 1509 | 7  | 0.01  | 47 | 2310 | 24 | 15 | <20 | 25 | 0.20 | <10 | 107 | <10 | 3  | 469 |
| 280   | L22N 29+25 | E       | <5 | 0.8  | 3.38 | 10 | 155 | 10 0.32 | 4  | 20 | 54 | 36 | 4.26 | <10 | 0.80 | 1287 | 4  | 0.02  | 28 | 2150 | 22 | 5  | <20 | 24 | 0.21 | <10 | 82  | <10 | 4  | 326 |
| 281   | L22N 29+50 | E       | <5 | 1.2  | 3.54 | 10 | 125 | 10 0.42 | 23 | 22 | 56 | 39 | 4.70 | <10 | 1.45 | 1206 | 7  | 0.02  | 46 | 1870 | 22 | 10 | <20 | 40 | 0.19 | <10 | 96  | <10 | 3  | 688 |
| 282   | L22N 29+75 | E       | <5 | 0.4  | 3.42 | 10 | 220 | 10 0.52 | 7  | 24 | 67 | 53 | 5.48 | <10 | 1.74 | 1347 | 8  | 0.01  | 57 | 2470 | 22 | 10 | <20 | 42 | 0.22 | <10 | 126 | <10 | 6  | 678 |
| 283   | L22N 30+00 | E       | <5 | <0.2 | 3.14 | <5 | 165 | 10 0.64 | 6  | 22 | 72 | 46 | 4.84 | <10 | 1.25 | 1311 | 6  | 0.02  | 57 | 2260 | 18 | 15 | <20 | 49 | 0.21 | <10 | 105 | <10 | 5  | 632 |
| 284   | L22N 30+25 | E       | <5 | <0.2 | 2.99 | <5 | 190 | 10 0.65 | 3  | 22 | 75 | 37 | 4.79 | <10 | 1.09 | 1381 | 4  | 0.02  | 42 | 1630 | 18 | 5  | <20 | 43 | 0.25 | <10 | 102 | <10 | 4  | 353 |
| 285   | L22N 30+50 | E       | 5  | <0.2 | 2.92 | <5 | 140 | 10 0.58 | 2  | 21 | 81 | 31 | 4.58 | <10 | 0.76 | 1282 | 2  | 0.02  | 30 | 1690 | 18 | 5  | <20 | 29 | 0.25 | <10 | 95  | <10 | 2  | 158 |
| 286   | L22N 30+75 | E       | <5 | 0.4  | 3.10 | <5 | 195 | 10 0.68 | 4  | 22 | 65 | 37 | 4.26 | <10 | 0.75 | 1991 | 3  | 0.02  | 26 | 2440 | 18 | 5  | <20 | 52 | 0.23 | <10 | 82  | <10 | 3  | 207 |
| 287   | L22N 31+00 | E       | 5  | 0.6  | 2.69 | <5 | 140 | 5 0.50  | 3  | 24 | 89 | 29 | 4.79 | <10 | 0.80 | 1343 | 1  | 0.02  | 24 | 2590 | 22 | <5 | <20 | 39 | 0.26 | <10 | 90  | <10 | 1  | 203 |
| 288   | L22N 31+25 | E       | <5 | <0.2 | 3.29 | <5 | 120 | 10 0.49 | 3  | 23 | 74 | 37 | 4.57 | <10 | 0.81 | 865  | 5  | 0.02  | 30 | 2110 | 18 | 15 | <20 | 31 | 0.21 | <10 | 91  | <10 | 3  | 121 |
| 289   | L22N 31+50 | E       | 10 | <0.2 | 1.91 | <5 | 80  | 10 0.79 | 2  | 24 | 77 | 26 | 4.30 | <10 | 0.53 | 643  | <1 | 0.03  | 17 | 770  | 14 | <5 | <20 | 44 | 0.25 | <10 | 96  | <10 | 6  | 88  |
| 290   | L22N 31+75 | E       | <5 | <0.2 | 3.31 | <5 | 105 | 10 0.53 | 1  | 20 | 67 | 30 | 4.32 | <10 | 0.61 | 717  | 1  | 0.03  | 23 | 2490 | 22 | <5 | <20 | 32 | 0.26 | <10 | 87  | <10 | 4  | 98  |
| 291   | L22N 32+25 | E       | <5 | 0.4  | 3.14 | <5 | 155 | 10 0.62 | 2  | 22 | 63 | 46 | 4.43 | <10 | 0.72 | 962  | 2  | 0.02  | 23 | 1070 | 18 | <5 | <20 | 44 | 0.24 | <10 | 81  | <10 | 6  | 135 |
| 292   | L22N 32+50 | E       | 15 | 0.2  | 2.97 | <5 | 115 | <5 0.94 | 2  | 20 | 57 | 57 | 3.88 | <10 | 0.60 | 922  | 3  | 0.02  | 22 | 940  | 24 | <5 | <20 | 62 | 0.18 | <10 | 72  | <10 | 19 | 68  |
| 293   | L22N 32+75 | E       | <5 | <0.2 | 2.94 | <5 | 165 | <5 0.73 | 1  | 21 | 56 | 42 | 4.23 | <10 | 0.45 | 1034 | <1 | 0.03  | 22 | 3340 | 18 | <5 | <20 | 46 | 0.19 | <10 | 68  | <10 | 2  | 113 |
| 294   | L22N 33+00 | E       | <5 | 0.2  | 3.75 | <5 | 160 | 10 0.48 | 1  | 19 | 51 | 47 | 4.00 | <10 | 0.57 | 1074 | 2  | 0.02  | 24 | 1830 | 20 | 5  | <20 | 27 | 0.23 | <10 | 75  | <10 | 9  | 125 |
| 295   | L22N 33+25 | E       | <5 | <0.2 | 3.16 | <5 | 135 | <5 0.87 | 2  | 21 | 67 | 74 | 4.39 | <10 | 0.61 | 812  | 2  | 0.02  | 26 | 1330 | 14 | <5 | <20 | 50 | 0.23 | <10 | 87  | <10 | 10 | 118 |
| 296   | L22N 33+50 | E       | 10 | 0.2  | 3.31 | <5 | 110 | 10 0.53 | 2  | 22 | 63 | 51 | 4.51 | <10 | 0.67 | 658  | <1 | 0.02  | 24 | 1520 | 18 | <5 | <20 | 34 | 0.27 | <10 | 86  | <10 | 6  | 154 |
| 297   | L22N 33+75 | E       | <5 | 0.4  | 4.08 | <5 | 95  | <5 0.58 | 2  | 21 | 71 | 66 | 4.24 | <10 | 0.68 | 644  | 2  | 0.02  | 28 | 1070 | 24 | <5 | <20 | 39 | 0.28 | <10 | 85  | <10 | 22 | 118 |
| 298   | L22N 34+00 | E       | <5 | <0.2 | 3.76 | 5  | 95  | 5 0.38  | 1  | 19 | 64 | 38 | 3.95 | <10 | 0.60 | 525  | 2  | 0.02  | 22 | 1880 | 24 | 10 | <20 | 27 | 0.25 | <10 | 79  | <10 | 9  | 104 |
| 299   | L22N 34+25 | E       | <5 | 0.2  | 2.90 | <5 | 95  | 5 0.53  | 1  | 20 | 87 | 40 | 4.16 | <10 | 0.70 | 564  | 2  | 0.02  | 23 | 1740 | 16 | <5 | <20 | 34 | 0.22 | <10 | 88  | <10 | 3  | 98  |
| 300   | L22N 34+50 | E       | 15 | 0.2  | 1.96 | <5 | 100 | 10 0.83 | <1 | 20 | 98 | 49 | 4.45 | <10 | 1.10 | 575  | 1  | 0.03  | 27 | 1220 | 12 | <5 | <20 | 52 | 0.20 | <10 | 113 | <10 | 4  | 65  |

ROSSMIN EXPLORATIONS LTD.

ICP CERTIFICATE OF ANALYSIS AK 96-1274

ECO-TECH LABORATORIES LTD.

| Et #. | Tag # |       | Au(ppb) | Ag | Al % | As   | Ba | Bi  | Ca % | Cd   | Co | Cr | Cu  | Fe % | La   | Mg % | Mn   | Mo   | Na % | Ni   | P   | Pb   | Sb | Sn | Sr  | Ti % | U    | V   | W   | Y   | Zn |     |
|-------|-------|-------|---------|----|------|------|----|-----|------|------|----|----|-----|------|------|------|------|------|------|------|-----|------|----|----|-----|------|------|-----|-----|-----|----|-----|
| 301   | L22N  | 34+75 | E       | <5 | 0.2  | 2.32 | 5  | 130 | 10   | 0.64 | 3  | 15 | 72  | 35   | 5.53 | <10  | 0.91 | 642  | 2    | 0.01 | 25  | 1190 | 18 | <5 | <20 | 38   | 0.20 | <10 | 147 | <10 | <1 | 194 |
| 302   | L22N  | 35+00 | E       | <5 | 0.4  | 4.81 | 10 | 140 | 10   | 0.46 | 2  | 25 | 79  | 48   | 5.37 | <10  | 1.01 | 605  | 4    | 0.02 | 40  | 4160 | 22 | 10 | <20 | 35   | 0.25 | <10 | 108 | <10 | <1 | 186 |
| 303   | L22N  | 35+25 | E       | 5  | <0.2 | 3.21 | 5  | 155 | 10   | 0.69 | 2  | 27 | 104 | 76   | 5.05 | <10  | 1.33 | 592  | 2    | 0.02 | 40  | 1140 | 16 | 10 | <20 | 51   | 0.28 | <10 | 129 | <10 | 6  | 91  |
| 304   | L22N  | 35+50 | E       | <5 | 0.2  | 2.80 | <5 | 195 | 10   | 0.39 | 8  | 24 | 69  | 35   | 4.46 | <10  | 0.77 | 2043 | 2    | 0.02 | 34  | 1980 | 20 | <5 | <20 | 30   | 0.23 | <10 | 91  | <10 | 2  | 271 |
| 305   | L22N  | 35+75 | E       | <5 | <0.2 | 3.08 | <5 | 110 | 10   | 0.42 | 4  | 26 | 104 | 43   | 4.96 | <10  | 1.26 | 1240 | 3    | 0.01 | 40  | 1810 | 24 | 5  | <20 | 33   | 0.23 | <10 | 107 | <10 | 2  | 266 |
| 306   | L22N  | 36+00 | E       | <5 | <0.2 | 2.57 | <5 | 100 | 10   | 0.55 | 1  | 24 | 116 | 64   | 5.04 | <10  | 1.15 | 415  | 1    | 0.02 | 40  | 1030 | 14 | <5 | <20 | 45   | 0.26 | <10 | 112 | <10 | 2  | 114 |
| 307   | L22N  | 36+25 | E       | <5 | <0.2 | 2.51 | <5 | 130 | 10   | 0.34 | 3  | 23 | 82  | 38   | 4.56 | <10  | 0.99 | 1144 | 2    | 0.01 | 35  | 1360 | 20 | 10 | <20 | 29   | 0.23 | <10 | 96  | <10 | 2  | 285 |
| 308   | L22N  | 36+50 | E       | <5 | <0.2 | 2.92 | <5 | 105 | 5    | 0.40 | 2  | 30 | 126 | 82   | 5.57 | <10  | 1.56 | 499  | 2    | 0.01 | 52  | 1320 | 18 | <5 | <20 | 34   | 0.26 | <10 | 123 | <10 | <1 | 206 |
| 309   | L22N  | 36+75 | E       | <5 | <0.2 | 3.62 | <5 | 120 | 10   | 0.29 | 4  | 33 | 68  | 58   | 4.88 | <10  | 1.01 | 834  | 6    | 0.01 | 50  | 2050 | 28 | 25 | <20 | 23   | 0.24 | <10 | 100 | <10 | 6  | 294 |
| 310   | L22N  | 37+00 | E       | <5 | <0.2 | 5.06 | 5  | 90  | 10   | 0.24 | 2  | 28 | 56  | 55   | 4.66 | <10  | 0.89 | 414  | 2    | 0.02 | 43  | 1820 | 26 | 5  | <20 | 17   | 0.32 | <10 | 91  | <10 | 11 | 198 |
| 311   | L22N  | 37+25 | E       | <5 | <0.2 | 4.64 | 10 | 110 | <5   | 0.21 | 4  | 34 | 71  | 79   | 5.24 | <10  | 1.23 | 596  | 4    | 0.01 | 70  | 4460 | 32 | 10 | <20 | 23   | 0.24 | <10 | 108 | <10 | 14 | 392 |
| 312   | L22N  | 37+50 | E       | <5 | 0.4  | 4.84 | 25 | 100 | <5   | 0.17 | 3  | 35 | 48  | 66   | 5.26 | <10  | 0.81 | 628  | 7    | 0.02 | 91  | 1910 | 28 | 5  | <20 | 18   | 0.27 | <10 | 98  | <10 | 18 | 592 |
| 313   | L22N  | 37+75 | E       | <5 | <0.2 | 3.69 | 10 | 195 | 10   | 0.33 | 5  | 25 | 68  | 40   | 4.68 | <10  | 1.04 | 1134 | 4    | 0.02 | 43  | 2770 | 20 | <5 | <20 | 27   | 0.21 | <10 | 113 | <10 | 6  | 335 |
| 314   | L22N  | 38+00 | E       | <5 | 0.4  | 3.81 | 5  | 115 | <5   | 0.49 | 3  | 28 | 89  | 75   | 5.37 | <10  | 1.64 | 602  | 5    | 0.01 | 56  | 900  | 16 | 10 | <20 | 36   | 0.21 | <10 | 146 | <10 | 11 | 293 |
| 315   | L22N  | 38+25 | E       | <5 | <0.2 | 3.81 | 10 | 190 | <5   | 0.50 | 3  | 24 | 78  | 46   | 4.68 | <10  | 1.20 | 984  | 2    | 0.02 | 36  | 2500 | 20 | 10 | <20 | 42   | 0.25 | <10 | 111 | <10 | 9  | 185 |
| 316   | L22N  | 38+50 | E       | <5 | <0.2 | 3.18 | 10 | 225 | 5    | 0.57 | 2  | 24 | 83  | 42   | 4.90 | <10  | 1.24 | 1071 | 3    | 0.02 | 39  | 2440 | 16 | 5  | <20 | 52   | 0.21 | <10 | 117 | <10 | 2  | 159 |
| 317   | L22N  | 38+75 | E       | <5 | <0.2 | 2.55 | 10 | 165 | 10   | 0.48 | 2  | 25 | 92  | 64   | 5.36 | <10  | 1.58 | 611  | 3    | 0.01 | 36  | 930  | 14 | 10 | <20 | 42   | 0.22 | <10 | 147 | <10 | 6  | 113 |
| 318   | L22N  | 39+00 | E       | <5 | <0.2 | 2.80 | <5 | 235 | 10   | 0.34 | 3  | 19 | 63  | 28   | 4.14 | <10  | 0.85 | 1091 | 2    | 0.02 | 28  | 1660 | 16 | <5 | <20 | 29   | 0.19 | <10 | 87  | <10 | 4  | 188 |
| 319   | L22N  | 39+25 | E       | <5 | <0.2 | 3.28 | <5 | 150 | 10   | 0.33 | 4  | 19 | 53  | 26   | 4.24 | <10  | 0.80 | 978  | 7    | 0.01 | 31  | 1800 | 18 | 25 | <20 | 28   | 0.17 | <10 | 82  | <10 | 3  | 173 |
| 320   | L22N  | 39+50 | E       | <5 | <0.2 | 3.09 | <5 | 180 | 15   | 0.22 | 3  | 19 | 41  | 20   | 3.94 | <10  | 0.57 | 1061 | 2    | 0.01 | 21  | 3590 | 20 | <5 | <20 | 21   | 0.19 | <10 | 72  | <10 | 2  | 197 |
| 321   | L22N  | 39+75 | E       | <5 | <0.2 | 2.82 | <5 | 205 | 5    | 0.32 | 3  | 16 | 44  | 19   | 3.84 | <10  | 0.60 | 1638 | 3    | 0.01 | 20  | 3870 | 18 | 10 | <20 | 33   | 0.17 | <10 | 68  | <10 | <1 | 197 |
| 322   | L22N  | 40+00 | E       | <5 | 0.2  | 3.41 | 10 | 205 | 5    | 0.26 | 2  | 16 | 28  | 18   | 3.43 | <10  | 0.44 | 1417 | 3    | 0.01 | 18  | 2460 | 22 | 10 | <20 | 28   | 0.19 | <10 | 59  | <10 | 3  | 161 |
| 323   | L22N  | 40+25 | E       | <5 | 0.8  | 2.96 | 5  | 190 | 10   | 0.32 | 2  | 14 | 25  | 19   | 3.19 | <10  | 0.41 | 1399 | <1   | 0.02 | 16  | 1900 | 20 | <5 | <20 | 35   | 0.20 | <10 | 53  | <10 | 3  | 149 |
| 324   | L22N  | 40+50 | E       | <5 | 0.4  | 3.63 | 5  | 180 | 10   | 0.27 | 1  | 17 | 26  | 20   | 3.46 | <10  | 0.39 | 2272 | 2    | 0.01 | 14  | 1870 | 22 | <5 | <20 | 28   | 0.21 | <10 | 57  | <10 | 9  | 148 |
| 325   | L22N  | 40+75 | E       | <5 | 0.4  | 3.28 | <5 | 240 | 10   | 0.36 | 2  | 16 | 29  | 17   | 3.54 | <10  | 0.41 | 2649 | 1    | 0.01 | 14  | 4260 | 22 | <5 | <20 | 40   | 0.18 | <10 | 56  | <10 | 2  | 151 |
| 326   | L22N  | 41+00 | E       | 5  | <0.2 | 3.29 | <5 | 80  | <5   | 0.32 | 2  | 19 | 44  | 39   | 4.06 | <10  | 0.75 | 1095 | 3    | 0.01 | 20  | 1190 | 22 | 5  | <20 | 25   | 0.17 | <10 | 63  | <10 | 14 | 98  |
| 327   | L23N  | 26+00 | E       | <5 | <0.2 | 3.13 | <5 | 75  | 10   | 0.57 | 1  | 25 | 71  | 40   | 4.52 | <10  | 0.81 | 639  | 2    | 0.02 | 30  | 1000 | 20 | <5 | <20 | 31   | 0.26 | <10 | 111 | <10 | 9  | 89  |
| 328   | L23N  | 26+25 | E       | 5  | <0.2 | 3.67 | 10 | 105 | 10   | 0.33 | 3  | 22 | 54  | 56   | 5.49 | <10  | 0.74 | 609  | 13   | 0.02 | 62  | 2020 | 24 | <5 | <20 | 24   | 0.22 | <10 | 94  | <10 | 3  | 445 |
| 329   | L23N  | 26+50 | E       | <5 | <0.2 | 3.93 | 10 | 75  | 15   | 0.29 | <1 | 16 | 55  | 36   | 4.39 | <10  | 0.65 | 518  | 5    | 0.02 | 26  | 1640 | 30 | <5 | <20 | 20   | 0.27 | <10 | 95  | <10 | 6  | 124 |
| 330   | L23N  | 26+75 | E       | <5 | 0.2  | 2.64 | 15 | 200 | 10   | 0.22 | 5  | 17 | 42  | 32   | 4.34 | <10  | 1.07 | 950  | 15   | 0.02 | 48  | 1200 | 26 | <5 | <20 | 17   | 0.23 | <10 | 129 | <10 | 7  | 353 |
| 331   | L23N  | 27+00 | E       | 5  | 0.8  | 5.51 | 35 | 180 | <5   | 0.32 | 10 | 42 | 67  | 157  | 7.87 | <10  | 1.13 | 1695 | 50   | 0.04 | 163 | 2100 | 36 | 20 | <20 | 60   | 0.15 | <10 | 260 | <10 | 28 | 934 |
| 332   | L23N  | 27+25 | E       | <5 | 0.4  | 3.63 | 10 | 185 | 15   | 0.26 | 3  | 17 | 51  | 34   | 4.17 | <10  | 0.75 | 1362 | 7    | 0.02 | 34  | 1820 | 22 | 5  | <20 | 27   | 0.24 | <10 | 110 | <10 | 6  | 264 |
| 333   | L23N  | 27+50 | E       | <5 |      |      |    |     |      |      |    |    |     |      |      |      |      |      |      |      |     |      |    |    |     |      |      |     |     |     |    |     |
| 334   | L23N  | 27+75 | E       | <5 | <0.2 | 4.04 | <5 | 135 | 10   | 0.22 | <1 | 17 | 43  | 27   | 4.05 | <10  | 0.60 | 819  | 2    | 0.02 | 17  | 2930 | 22 | <5 | <20 | 22   | 0.26 | <10 | 83  | <10 | 7  | 105 |
| 335   | L23N  | 28+00 | E       | <5 | 0.8  | 4.11 | 20 | 245 | 15   | 0.44 | 6  | 28 | 91  | 61   | 5.55 | <10  | 1.36 | 2509 | 14   | 0.02 | 53  | 1810 | 36 | 15 | <20 | 73   | 0.20 | <10 | 192 | <10 | 7  | 347 |

ROSSMIN EXPLORATIONS LTD.

ICP CERTIFICATE OF ANALYSIS AK 96-1274

ECO-TECH LABORATORIES LTD.

| Et #. | Tag # |       | Au(ppb) | Ag | Al % | As   | Ba | Bi  | Ca % | Cd   | Co | Cr | Cu  | Fe % | La   | Mg % | Mn   | Mo   | Na % | Ni   | P  | Pb   | Sb | Sn | Sr  | Tl % | U    | V   | W   | Y   | Zn |     |
|-------|-------|-------|---------|----|------|------|----|-----|------|------|----|----|-----|------|------|------|------|------|------|------|----|------|----|----|-----|------|------|-----|-----|-----|----|-----|
| 336   | L23N  | 28+25 | E       | <5 | 0.4  | 3.47 | 10 | 240 | 5    | 0.71 | 7  | 22 | 77  | 58   | 4.63 | <10  | 1.62 | 3324 | 6    | 0.01 | 46 | 2840 | 28 | 10 | <20 | 59   | 0.17 | <10 | 139 | <10 | 10 | 441 |
| 337   | L23N  | 28+50 | E       | <5 | 0.4  | 3.80 | <5 | 310 | 10   | 0.57 | 3  | 20 | 68  | 53   | 4.50 | <10  | 1.36 | 2039 | 5    | 0.02 | 36 | 1660 | 22 | 20 | <20 | 52   | 0.27 | <10 | 129 | <10 | 13 | 259 |
| 338   | L23N  | 28+75 | E       | <5 | 1.0  | 3.79 | 10 | 130 | 10   | 0.26 | 4  | 22 | 64  | 60   | 5.16 | <10  | 1.53 | 1042 | 10   | 0.01 | 50 | 1230 | 20 | 15 | <20 | 30   | 0.25 | <10 | 125 | <10 | 11 | 313 |
| 339   | L23N  | 29+00 | E       | <5 | 1.2  | 3.13 | 15 | 345 | 10   | 0.43 | 10 | 22 | 44  | 53   | 4.96 | <10  | 0.94 | 2173 | 6    | 0.01 | 49 | 2650 | 36 | 5  | <20 | 54   | 0.22 | <10 | 102 | <10 | 6  | 542 |
| 340   | L23N  | 29+25 | E       | <5 | 1.4  | 3.34 | 10 | 195 | 10   | 0.28 | 5  | 25 | 48  | 52   | 5.45 | <10  | 1.29 | 1189 | 8    | 0.01 | 42 | 2300 | 22 | 15 | <20 | 33   | 0.23 | <10 | 96  | <10 | 7  | 514 |
| 341   | L23N  | 29+50 | E       | <5 | 0.8  | 3.03 | 10 | 160 | 15   | 0.42 | 4  | 22 | 66  | 45   | 5.14 | <10  | 1.11 | 1262 | 6    | 0.02 | 35 | 1180 | 30 | 10 | <20 | 40   | 0.22 | <10 | 102 | <10 | 6  | 326 |
| 342   | L23N  | 29+75 | E       | <5 | 1.0  | 3.21 | 15 | 215 | 5    | 0.33 | 8  | 24 | 38  | 50   | 4.97 | <10  | 1.45 | 2104 | 8    | 0.01 | 51 | 1910 | 26 | 25 | <20 | 41   | 0.19 | <10 | 94  | <10 | 3  | 648 |
| 343   | L23N  | 30+00 | E       | <5 | 0.4  | 3.11 | <5 | 125 | 10   | 0.70 | 7  | 23 | 59  | 46   | 4.51 | <10  | 0.98 | 1493 | 5    | 0.02 | 55 | 1380 | 22 | 10 | <20 | 51   | 0.25 | <10 | 85  | <10 | 8  | 669 |
| 344   | L23N  | 30+25 | E       | 5  | 0.2  | 3.21 | <5 | 165 | 10   | 0.72 | 9  | 22 | 56  | 37   | 4.41 | <10  | 0.75 | 1180 | 6    | 0.02 | 33 | 2230 | 24 | 25 | <20 | 65   | 0.25 | <10 | 80  | <10 | 9  | 429 |
| 345   | L23N  | 30+50 | E       | <5 | 1.0  | 3.54 | 10 | 100 | 5    | 0.92 | 17 | 21 | 61  | 77   | 4.20 | <10  | 0.80 | 1460 | 5    | 0.03 | 51 | 1060 | 26 | 10 | <20 | 68   | 0.28 | <10 | 79  | <10 | 21 | 567 |
| 346   | L23N  | 30+75 | E       | <5 | 0.6  | 2.85 | <5 | 90  | 5    | 1.12 | 14 | 26 | 84  | 82   | 4.38 | <10  | 1.24 | 1195 | 4    | 0.02 | 49 | 970  | 34 | 15 | <20 | 76   | 0.26 | <10 | 90  | <10 | 16 | 564 |
| 347   | L23N  | 31+00 | E       | <5 | <0.2 | 2.23 | <5 | 115 | <5   | 0.74 | 4  | 22 | 74  | 55   | 4.52 | <10  | 0.82 | 824  | 3    | 0.02 | 26 | 1330 | 20 | 10 | <20 | 53   | 0.23 | <10 | 88  | <10 | 5  | 149 |
| 348   | L23N  | 31+25 | E       | 5  | <0.2 | 2.47 | <5 | 120 | 10   | 0.59 | 3  | 22 | 78  | 55   | 4.77 | <10  | 0.85 | 1127 | 4    | 0.02 | 27 | 1470 | 22 | 10 | <20 | 49   | 0.23 | <10 | 91  | <10 | 5  | 118 |
| 349   | L23N  | 31+50 | E       | <5 | <0.2 | 2.62 | <5 | 140 | 10   | 0.61 | 3  | 23 | 77  | 52   | 4.84 | <10  | 0.83 | 1022 | 4    | 0.02 | 26 | 2590 | 20 | 10 | <20 | 55   | 0.23 | <10 | 88  | <10 | 3  | 119 |
| 350   | L23N  | 31+75 | E       | <5 | 0.4  | 2.88 | <5 | 135 | 10   | 0.51 | 2  | 20 | 65  | 38   | 4.38 | <10  | 0.65 | 1239 | 3    | 0.02 | 23 | 2020 | 20 | 5  | <20 | 40   | 0.24 | <10 | 82  | <10 | 4  | 127 |
| 351   | L23N  | 32+25 | E       | <5 | 0.6  | 2.75 | <5 | 125 | 10   | 0.36 | 2  | 20 | 62  | 33   | 4.11 | <10  | 0.59 | 893  | 3    | 0.02 | 22 | 2150 | 18 | 10 | <20 | 29   | 0.25 | <10 | 78  | <10 | 6  | 162 |
| 352   | L23N  | 32+50 | E       | <5 | 0.4  | 2.42 | <5 | 145 | 10   | 0.48 | 2  | 19 | 70  | 32   | 3.87 | <10  | 0.56 | 1291 | 2    | 0.02 | 23 | 2490 | 16 | 5  | <20 | 44   | 0.22 | <10 | 78  | <10 | 4  | 138 |
| 353   | L23N  | 32+75 | E       | <5 | 0.4  | 2.77 | <5 | 140 | 10   | 0.49 | 2  | 19 | 73  | 38   | 4.19 | <10  | 0.78 | 926  | 4    | 0.02 | 27 | 2510 | 18 | 15 | <20 | 38   | 0.22 | <10 | 82  | <10 | 3  | 132 |
| 354   | L23N  | 33+00 | E       | <5 | <0.2 | 2.38 | <5 | 105 | 10   | 0.31 | 2  | 17 | 72  | 32   | 4.13 | <10  | 0.60 | 437  | 4    | 0.01 | 24 | 1810 | 18 | 25 | <20 | 26   | 0.24 | <10 | 86  | <10 | 4  | 107 |
| 355   | L23N  | 33+25 | E       | <5 | 1.0  | 2.32 | <5 | 110 | 10   | 0.46 | 2  | 18 | 70  | 33   | 4.04 | <10  | 0.49 | 837  | 1    | 0.02 | 19 | 1190 | 16 | <5 | <20 | 37   | 0.28 | <10 | 85  | <10 | 8  | 115 |
| 356   | L23N  | 33+50 | E       | <5 | 0.2  | 2.91 | <5 | 95  | 10   | 0.51 | 1  | 18 | 91  | 32   | 4.03 | <10  | 0.73 | 372  | 3    | 0.02 | 22 | 2180 | 14 | 10 | <20 | 41   | 0.26 | <10 | 87  | <10 | 6  | 103 |
| 357   | L23N  | 33+75 | E       | 5  | <0.2 | 2.20 | <5 | 85  | 5    | 0.85 | <1 | 18 | 79  | 46   | 4.59 | <10  | 0.87 | 369  | <1   | 0.03 | 25 | 1120 | 10 | <5 | <20 | 49   | 0.26 | <10 | 122 | <10 | 6  | 60  |
| 358   | L23N  | 34+00 | E       | <5 | 0.8  | 4.52 | 5  | 120 | 10   | 0.44 | 5  | 24 | 70  | 76   | 4.80 | <10  | 0.78 | 719  | 4    | 0.02 | 37 | 510  | 22 | 15 | <20 | 34   | 0.35 | <10 | 103 | <10 | 38 | 156 |
| 359   | L23N  | 34+25 | E       | <5 | 0.4  | 3.04 | <5 | 135 | 10   | 0.39 | 3  | 21 | 81  | 35   | 4.79 | <10  | 0.89 | 1051 | 3    | 0.02 | 24 | 2570 | 20 | 15 | <20 | 32   | 0.25 | <10 | 108 | <10 | 3  | 177 |
| 360   | L23N  | 34+50 | E       | <5 | 0.4  | 3.38 | 5  | 100 | 10   | 0.42 | 2  | 25 | 89  | 37   | 5.07 | <10  | 1.11 | 485  | 5    | 0.01 | 33 | 1220 | 18 | 15 | <20 | 35   | 0.26 | <10 | 124 | <10 | 3  | 199 |
| 361   | L23N  | 34+75 | E       | <5 | <0.2 | 2.84 | <5 | 115 | 10   | 0.59 | 2  | 22 | 81  | 45   | 5.04 | <10  | 0.90 | 378  | 2    | 0.02 | 29 | 1600 | 12 | 10 | <20 | 42   | 0.26 | <10 | 122 | <10 | 4  | 105 |
| 362   | L23N  | 35+00 | E       | <5 | 1.0  | 4.61 | 15 | 110 | 15   | 0.69 | 2  | 22 | 65  | 39   | 4.58 | <10  | 0.70 | 1271 | 6    | 0.02 | 28 | 890  | 24 | 10 | <20 | 50   | 0.33 | <10 | 90  | <10 | 20 | 69  |
| 363   | L23N  | 35+25 | E       | <5 | 0.4  | 3.46 | <5 | 155 | 5    | 0.33 | 1  | 25 | 89  | 39   | 4.92 | <10  | 0.82 | 1580 | 3    | 0.02 | 25 | 4230 | 18 | 5  | <20 | 32   | 0.26 | <10 | 97  | <10 | 1  | 123 |
| 364   | L23N  | 35+50 | E       | <5 | 0.6  | 3.52 | 10 | 110 | <5   | 0.35 | 1  | 24 | 105 | 76   | 4.94 | <10  | 1.21 | 553  | 4    | 0.02 | 37 | 1400 | 20 | 10 | <20 | 34   | 0.29 | <10 | 107 | <10 | 12 | 103 |
| 365   | L23N  | 35+75 | E       | 10 | 1.0  | 3.06 | 5  | 175 | 10   | 0.36 | 5  | 28 | 88  | 65   | 4.92 | <10  | 1.39 | 1509 | 7    | 0.02 | 52 | 1610 | 20 | 35 | <20 | 34   | 0.22 | <10 | 110 | <10 | 4  | 261 |
| 366   | L23N  | 36+00 | E       | <5 | 0.4  | 3.27 | <5 | 130 | 10   | 0.32 | 2  | 25 | 67  | 34   | 4.59 | <10  | 0.82 | 760  | 1    | 0.02 | 34 | 1520 | 22 | 5  | <20 | 34   | 0.30 | <10 | 95  | <10 | 4  | 220 |
| 367   | L23N  | 36+25 | E       | <5 | 0.2  | 3.41 | <5 | 170 | 10   | 0.45 | 3  | 27 | 100 | 52   | 5.17 | <10  | 1.18 | 916  | 2    | 0.02 | 51 | 2260 | 20 | 10 | <20 | 42   | 0.29 | <10 | 109 | <10 | 4  | 261 |
| 368   | L23N  | 36+50 | E       | <5 | 0.4  | 4.34 | <5 | 95  | 5    | 0.26 | 2  | 29 | 78  | 80   | 5.10 | <10  | 1.25 | 551  | 5    | 0.01 | 54 | 1510 | 24 | 20 | <20 | 23   | 0.30 | <10 | 108 | <10 | 13 | 206 |
| 369   | L23N  | 36+75 | E       | <5 | 0.2  | 3.43 | <5 | 150 | 15   | 0.53 | 3  | 30 | 92  | 51   | 5.41 | <10  | 1.23 | 885  | 3    | 0.01 | 47 | 2160 | 20 | 15 | <20 | 39   | 0.29 | <10 | 111 | <10 | 4  | 188 |
| 370   | L23N  | 37+00 | E       | <5 | 0.2  | 3.87 | <5 | 160 | 10   | 0.29 | 2  | 26 | 59  | 49   | 4.38 | <10  | 0.94 | 1266 | 2    | 0.02 | 40 | 1520 | 24 | <5 | <20 | 27   | 0.30 | <10 | 93  | <10 | 9  | 209 |

## ROSSMIN EXPLORATIONS LTD.

## ICP CERTIFICATE OF ANALYSIS AK 96-1274

## ECO-TECH LABORATORIES LTD.

| Et #. | Tag # |       | Au(ppb) | Ag | Al % | As   | Ba | Bi  | Ca % | Cd   | Co | Cr | Cu | Fe % | La   | Mg % | Mn   | Mo   | Na % | Ni    | P  | Pb   | Sb | Sn | Sr  | Tl % | U    | V   | W   | Y   | Zn |     |
|-------|-------|-------|---------|----|------|------|----|-----|------|------|----|----|----|------|------|------|------|------|------|-------|----|------|----|----|-----|------|------|-----|-----|-----|----|-----|
| 371   | L23N  | 37+25 | E       | <5 | 0.2  | 3.41 | <5 | 95  | <5   | 0.28 | 2  | 30 | 83 | 81   | 5.15 | <10  | 1.31 | 679  | 6    | 0.01  | 54 | 1560 | 20 | 10 | <20 | 26   | 0.26 | <10 | 120 | <10 | 15 | 219 |
| 372   | L23N  | 37+50 | E       | <5 | 0.4  | 3.63 | <5 | 115 | 10   | 0.26 | 3  | 27 | 85 | 47   | 5.17 | <10  | 1.09 | 536  | 5    | 0.01  | 55 | 1540 | 20 | 15 | <20 | 24   | 0.26 | <10 | 112 | <10 | 4  | 309 |
| 373   | L23N  | 37+75 | E       | <5 | 0.2  | 2.81 | 5  | 195 | 10   | 0.49 | 4  | 23 | 87 | 42   | 4.77 | <10  | 1.15 | 1129 | 3    | 0.01  | 43 | 2050 | 18 | 10 | <20 | 47   | 0.19 | <10 | 104 | <10 | 3  | 212 |
| 374   | L23N  | 38+00 | E       | <5 | 1.0  | 3.73 | 5  | 135 | <5   | 0.23 | 4  | 29 | 54 | 62   | 4.75 | <10  | 1.32 | 869  | 5    | 0.01  | 54 | 1730 | 22 | 10 | <20 | 22   | 0.18 | <10 | 112 | <10 | 5  | 357 |
| 375   | L23N  | 38+25 | E       | <5 | 0.6  | 3.71 | <5 | 165 | <5   | 0.27 | 5  | 28 | 59 | 67   | 5.19 | <10  | 1.55 | 939  | 8    | 0.01  | 64 | 2240 | 20 | 30 | <20 | 29   | 0.15 | <10 | 126 | <10 | 1  | 453 |
| 376   | L23N  | 38+50 | E       | <5 | <0.2 | 2.28 | <5 | 115 | 5    | 0.34 | 6  | 21 | 63 | 46   | 4.41 | <10  | 1.56 | 975  | 7    | <0.01 | 34 | 980  | 14 | 25 | <20 | 32   | 0.13 | <10 | 121 | <10 | 4  | 304 |
| 377   | L23N  | 38+75 | E       | <5 | <0.2 | 2.69 | 10 | 90  | 5    | 0.48 | 2  | 21 | 79 | 72   | 4.84 | <10  | 1.63 | 565  | 3    | 0.01  | 39 | 1270 | 16 | 5  | <20 | 37   | 0.20 | <10 | 140 | <10 | 7  | 182 |
| 378   | L23N  | 39+00 | E       | <5 | 0.4  | 2.28 | <5 | 85  | <5   | 0.43 | 3  | 22 | 87 | 52   | 4.88 | <10  | 1.43 | 552  | 5    | <0.01 | 34 | 980  | 12 | 15 | <20 | 35   | 0.13 | <10 | 117 | <10 | 3  | 186 |
| 379   | L23N  | 39+25 | E       | <5 | 0.4  | 2.19 | <5 | 95  | <5   | 0.49 | 3  | 20 | 75 | 50   | 4.51 | <10  | 1.34 | 548  | 4    | <0.01 | 32 | 1050 | 14 | 15 | <20 | 39   | 0.15 | <10 | 114 | <10 | 3  | 173 |
| 380   | L23N  | 39+50 | E       | 15 | 0.2  | 3.05 | 5  | 175 | 10   | 0.36 | 4  | 19 | 51 | 37   | 4.17 | <10  | 0.88 | 698  | 2    | 0.01  | 31 | 2410 | 20 | 15 | <20 | 37   | 0.21 | <10 | 77  | <10 | 4  | 209 |
| 381   | L23N  | 39+75 | E       | <5 | 0.6  | 3.38 | <5 | 185 | 10   | 0.27 | 3  | 17 | 37 | 23   | 3.71 | <10  | 0.53 | 1475 | 2    | 0.01  | 23 | 3310 | 22 | 10 | <20 | 29   | 0.24 | <10 | 60  | <10 | 6  | 211 |
| 382   | L23N  | 40+00 | E       | <5 | 0.6  | 3.29 | <5 | 195 | 10   | 0.27 | 3  | 18 | 35 | 23   | 3.75 | <10  | 0.54 | 1576 | 3    | 0.01  | 21 | 2290 | 22 | 5  | <20 | 31   | 0.26 | <10 | 61  | <10 | 6  | 223 |
| 383   | L23N  | 40+25 | E       | <5 | 0.8  | 3.23 | <5 | 280 | 10   | 0.20 | 2  | 17 | 29 | 23   | 3.56 | <10  | 0.39 | 1767 | 1    | 0.02  | 16 | 3430 | 24 | <5 | <20 | 21   | 0.28 | <10 | 54  | <10 | 6  | 214 |
| 384   | L23N  | 40+50 | E       | <5 | 0.6  | 3.38 | <5 | 185 | 10   | 0.27 | 3  | 20 | 47 | 35   | 4.33 | <10  | 0.73 | 1175 | 2    | 0.01  | 23 | 1390 | 26 | 10 | <20 | 29   | 0.26 | <10 | 70  | <10 | 6  | 158 |
| 385   | L23N  | 40+75 | E       | <5 | 0.6  | 3.51 | <5 | 220 | 5    | 0.26 | 1  | 20 | 43 | 34   | 4.27 | <10  | 0.69 | 1835 | 3    | 0.01  | 21 | 2410 | 26 | <5 | <20 | 33   | 0.24 | <10 | 68  | <10 | 7  | 101 |
| 386   | L23N  | 41+00 | E       | <5 | 0.4  | 2.80 | <5 | 165 | 5    | 0.36 | 1  | 21 | 47 | 40   | 4.25 | <10  | 0.70 | 1529 | 2    | 0.01  | 22 | 1120 | 26 | 5  | <20 | 33   | 0.26 | <10 | 69  | <10 | 10 | 81  |
| 387   | L24N  | 26+00 | E       | <5 | 0.2  | 3.09 | <5 | 90  | 10   | 0.29 | 1  | 15 | 35 | 26   | 3.82 | <10  | 0.43 | 890  | 2    | 0.02  | 15 | 1580 | 18 | 10 | <20 | 22   | 0.28 | <10 | 84  | <10 | 7  | 81  |
| 388   | L24N  | 26+25 | E       | 35 | <0.2 | 3.55 | <5 | 80  | 10   | 0.37 | <1 | 15 | 48 | 28   | 4.23 | <10  | 0.51 | 338  | 3    | 0.02  | 18 | 1640 | 18 | 5  | <20 | 26   | 0.28 | <10 | 98  | <10 | 5  | 71  |
| 389   | L24N  | 26+50 | E       | <5 | 1.0  | 3.28 | 25 | 165 | 10   | 0.29 | 2  | 14 | 66 | 49   | 5.65 | <10  | 0.74 | 350  | 23   | 0.02  | 37 | 2330 | 28 | 10 | <20 | 36   | 0.30 | <10 | 216 | <10 | 10 | 207 |
| 390   | L24N  | 26+75 | E       | <5 | <0.2 | 3.99 | 5  | 80  | 10   | 0.19 | <1 | 13 | 45 | 27   | 4.82 | <10  | 0.47 | 274  | 5    | 0.01  | 18 | 2200 | 32 | <5 | <20 | 15   | 0.33 | <10 | 99  | <10 | 5  | 78  |
| 391   | L24N  | 27+00 | E       | <5 | 0.6  | 4.40 | 10 | 145 | 10   | 0.24 | 1  | 20 | 44 | 36   | 4.51 | <10  | 0.86 | 642  | 9    | 0.02  | 46 | 1180 | 32 | 10 | <20 | 20   | 0.31 | <10 | 95  | <10 | 7  | 307 |
| 392   | L24N  | 27+25 | E       | <5 | 1.6  | 4.27 | 25 | 200 | 10   | 0.27 | 4  | 22 | 45 | 48   | 5.30 | <10  | 0.67 | 1569 | 14   | 0.01  | 42 | 2040 | 30 | 10 | <20 | 27   | 0.23 | <10 | 113 | <10 | 6  | 457 |
| 393   | L24N  | 27+50 | E       | <5 | 1.4  | 3.80 | 15 | 225 | 5    | 0.27 | 6  | 22 | 57 | 55   | 5.46 | <10  | 0.77 | 1377 | 18   | 0.01  | 64 | 1500 | 28 | 15 | <20 | 33   | 0.21 | <10 | 150 | <10 | 8  | 541 |
| 394   | L24N  | 27+75 | E       | <5 | 0.4  | 3.66 | 10 | 125 | 10   | 0.26 | 2  | 17 | 61 | 37   | 4.69 | <10  | 0.82 | 1464 | 9    | 0.01  | 32 | 2050 | 26 | 10 | <20 | 23   | 0.27 | <10 | 116 | <10 | 5  | 217 |
| 395   | L24N  | 28+00 | E       | <5 | 0.4  | 3.30 | 5  | 130 | 10   | 0.32 | 1  | 19 | 66 | 39   | 4.43 | <10  | 0.88 | 1947 | 2    | 0.02  | 26 | 1990 | 20 | <5 | <20 | 29   | 0.27 | <10 | 99  | <10 | 5  | 125 |
| 396   | L24N  | 28+25 | E       | <5 | <0.2 | 4.14 | <5 | 320 | 15   | 0.35 | 27 | 20 | 85 | 38   | 4.69 | <10  | 1.56 | 1218 | 9    | 0.02  | 36 | 1150 | 18 | 25 | <20 | 38   | 0.27 | <10 | 147 | <10 | 8  | 286 |
| 397   | L24N  | 28+50 | E       | <5 | 0.6  | 4.13 | <5 | 240 | 10   | 0.29 | 4  | 23 | 81 | 53   | 5.18 | <10  | 1.67 | 1190 | 8    | 0.01  | 53 | 1780 | 22 | 20 | <20 | 29   | 0.23 | <10 | 162 | <10 | 6  | 410 |
| 398   | L24N  | 28+75 | E       | <5 | 0.4  | 3.56 | <5 | 210 | 10   | 0.54 | 3  | 19 | 59 | 36   | 4.42 | <10  | 0.98 | 1633 | 3    | 0.01  | 29 | 2230 | 20 | 10 | <20 | 42   | 0.24 | <10 | 111 | <10 | 4  | 258 |
| 399   | L24N  | 29+00 | E       | <5 | 0.4  | 3.40 | 5  | 110 | 10   | 0.54 | 4  | 21 | 59 | 40   | 4.48 | <10  | 0.88 | 1038 | 5    | 0.02  | 36 | 1150 | 18 | 15 | <20 | 37   | 0.25 | <10 | 93  | <10 | 6  | 266 |
| 400   | L24N  | 29+25 | E       | <5 | 0.4  | 2.44 | <5 | 90  | 10   | 0.72 | 3  | 21 | 89 | 37   | 4.10 | <10  | 0.79 | 819  | 2    | 0.02  | 28 | 1170 | 16 | <5 | <20 | 35   | 0.25 | <10 | 90  | <10 | 7  | 123 |
| 401   | L24N  | 29+50 | E       | <5 | 0.4  | 2.75 | <5 | 130 | 5    | 0.74 | 3  | 21 | 74 | 37   | 4.30 | <10  | 0.69 | 1113 | 3    | 0.02  | 26 | 1890 | 18 | 10 | <20 | 43   | 0.26 | <10 | 91  | <10 | 4  | 134 |
| 402   | L24N  | 29+75 | E       | <5 | 0.2  | 2.25 | <5 | 115 | 5    | 0.67 | 2  | 21 | 75 | 31   | 4.49 | <10  | 0.78 | 1065 | 3    | 0.02  | 28 | 1060 | 18 | 10 | <20 | 42   | 0.27 | <10 | 94  | <10 | 3  | 118 |
| 403   | L24N  | 30+00 | E       | <5 | 0.2  | 2.11 | <5 | 120 | 10   | 0.73 | 1  | 21 | 91 | 52   | 4.47 | <10  | 0.83 | 750  | 1    | 0.03  | 28 | 2170 | 18 | <5 | <20 | 39   | 0.22 | <10 | 99  | <10 | 3  | 76  |
| 404   | L24N  | 30+25 | E       | <5 | 0.2  | 2.45 | <5 | 100 | 10   | 0.55 | 1  | 19 | 76 | 38   | 4.36 | <10  | 0.73 | 698  | 3    | 0.02  | 24 | 1610 | 14 | 10 | <20 | 36   | 0.25 | <10 | 91  | <10 | 3  | 95  |
| 405   | L24N  | 30+50 | E       | <5 | <0.2 | 1.78 | <5 | 105 | 15   | 0.55 | <1 | 16 | 72 | 26   | 4.11 | <10  | 0.55 | 504  | <1   | 0.02  | 19 | 2000 | 14 | <5 | <20 | 37   | 0.26 | <10 | 95  | <10 | 2  | 66  |

ROSSMIN EXPLORATIONS LTD.

ICP CERTIFICATE OF ANALYSIS AK 96-1274

ECO-TECH LABORATORIES LTD.

| Et #. | Tag # |       | Au(ppb) | Ag | Al % | As   | Ba | Bi  | Ca % | Cd   | Co | Cr | Cu  | Fe % | La   | Mg % | Mn   | Mo   | Na % | Ni   | P  | Pb   | Sb | Sn | Sr  | Ti % | U    | V   | W   | Y   | Zn |     |
|-------|-------|-------|---------|----|------|------|----|-----|------|------|----|----|-----|------|------|------|------|------|------|------|----|------|----|----|-----|------|------|-----|-----|-----|----|-----|
| 406   | L24N  | 30+75 | E       | <5 | <0.2 | 2.71 | <5 | 100 | 10   | 0.72 | 1  | 20 | 81  | 34   | 5.01 | <10  | 0.68 | 439  | 3    | 0.03 | 25 | 2670 | 16 | 10 | <20 | 38   | 0.27 | <10 | 112 | <10 | 1  | 65  |
| 407   | L24N  | 31+00 | E       | <5 | <0.2 | 2.29 | <5 | 125 | 10   | 0.64 | 2  | 21 | 87  | 48   | 4.85 | <10  | 0.75 | 519  | 6    | 0.03 | 31 | 1670 | 14 | 25 | <20 | 32   | 0.21 | <10 | 108 | <10 | 2  | 77  |
| 408   | L24N  | 31+25 | E       | 5  | <0.2 | 2.00 | <5 | 100 | 5    | 0.63 | <1 | 16 | 73  | 44   | 4.15 | <10  | 0.69 | 449  | 1    | 0.02 | 23 | 1400 | 14 | <5 | <20 | 39   | 0.24 | <10 | 106 | <10 | 5  | 64  |
| 409   | L24N  | 31+50 | E       | <5 | <0.2 | 3.40 | <5 | 120 | 10   | 0.39 | 1  | 19 | 63  | 31   | 4.55 | <10  | 0.49 | 1181 | 4    | 0.02 | 21 | 3160 | 20 | 10 | <20 | 28   | 0.24 | <10 | 99  | <10 | 2  | 86  |
| 410   | L24N  | 31+75 | E       | <5 | 0.4  | 2.75 | <5 | 125 | 5    | 0.56 | 2  | 19 | 70  | 36   | 4.69 | <10  | 0.57 | 1074 | 2    | 0.02 | 23 | 1890 | 20 | 10 | <20 | 36   | 0.23 | <10 | 107 | <10 | 2  | 98  |
| 411   | L24N  | 32+25 | E       | 5  | 0.2  | 3.74 | <5 | 95  | 5    | 0.39 | 1  | 16 | 48  | 30   | 3.83 | <10  | 0.47 | 658  | 3    | 0.02 | 19 | 2250 | 20 | 10 | <20 | 23   | 0.25 | <10 | 79  | <10 | 5  | 91  |
| 412   | L24N  | 32+50 | E       | <5 | 0.8  | 2.91 | <5 | 110 | 10   | 0.38 | 1  | 17 | 56  | 21   | 4.31 | <10  | 0.45 | 1481 | 3    | 0.02 | 17 | 2320 | 16 | <5 | <20 | 25   | 0.26 | <10 | 87  | <10 | 2  | 120 |
| 413   | L24N  | 32+75 | E       | <5 | 0.4  | 3.58 | <5 | 90  | 10   | 0.47 | 1  | 21 | 65  | 28   | 4.13 | <10  | 0.50 | 454  | 3    | 0.02 | 23 | 2250 | 18 | 10 | <20 | 30   | 0.23 | <10 | 87  | <10 | 3  | 98  |
| 414   | L24N  | 33+00 | E       | <5 | 0.2  | 3.51 | <5 | 105 | 10   | 0.50 | 2  | 18 | 67  | 33   | 3.89 | <10  | 0.57 | 561  | 3    | 0.02 | 19 | 3890 | 18 | 10 | <20 | 36   | 0.23 | <10 | 76  | <10 | 5  | 135 |
| 415   | L24N  | 33+25 | E       | <5 | 0.4  | 2.73 | <5 | 80  | 10   | 0.44 | 1  | 16 | 39  | 26   | 5.11 | <10  | 0.59 | 419  | 4    | 0.02 | 20 | 1410 | 16 | 5  | <20 | 29   | 0.24 | <10 | 119 | <10 | 3  | 104 |
| 416   | L24N  | 33+50 | E       | <5 | <0.2 | 2.12 | <5 | 85  | 10   | 0.48 | 2  | 15 | 41  | 32   | 4.62 | <10  | 0.56 | 614  | 3    | 0.02 | 18 | 2190 | 12 | 5  | <20 | 32   | 0.20 | <10 | 116 | <10 | 1  | 85  |
| 417   | L24N  | 33+75 | E       | <5 | 0.2  | 2.66 | <5 | 130 | 10   | 0.81 | 2  | 18 | 80  | 35   | 4.58 | <10  | 0.71 | 634  | 2    | 0.02 | 20 | 2050 | 18 | <5 | <20 | 59   | 0.28 | <10 | 100 | <10 | 1  | 112 |
| 418   | L24N  | 34+00 | E       | <5 | 0.2  | 2.66 | <5 | 180 | 5    | 0.58 | 2  | 24 | 117 | 55   | 5.17 | <10  | 1.15 | 1126 | 4    | 0.02 | 30 | 3780 | 22 | 20 | <20 | 51   | 0.24 | <10 | 113 | <10 | <1 | 108 |
| 419   | L24N  | 34+50 | E       | <5 | 0.6  | 3.41 | <5 | 80  | 10   | 0.57 | 1  | 21 | 89  | 42   | 4.32 | <10  | 0.83 | 421  | 2    | 0.02 | 29 | 910  | 18 | 10 | <20 | 42   | 0.30 | <10 | 93  | <10 | 11 | 88  |
| 420   | L24N  | 34+75 | E       | <5 | 0.4  | 3.65 | <5 | 110 | 15   | 0.27 | 2  | 20 | 68  | 36   | 4.05 | <10  | 0.73 | 1035 | 2    | 0.02 | 27 | 1850 | 22 | 10 | <20 | 23   | 0.29 | <10 | 82  | <10 | 5  | 122 |
| 421   | L24N  | 35+00 | E       | <5 | <0.2 | 3.81 | 10 | 145 | 10   | 0.34 | 5  | 26 | 98  | 58   | 5.17 | <10  | 1.08 | 476  | 17   | 0.02 | 44 | 2080 | 16 | 85 | <20 | 31   | 0.14 | <10 | 113 | <10 | 6  | 120 |
| 422   | L24N  | 35+25 | E       | 15 | 0.4  | 2.17 | 10 | 135 | 10   | 0.47 | <1 | 20 | 93  | 31   | 4.36 | <10  | 0.87 | 1117 | <1   | 0.02 | 24 | 1640 | 18 | <5 | <20 | 51   | 0.24 | <10 | 98  | <10 | 4  | 108 |
| 423   | L24N  | 35+50 | E       | <5 | 0.6  | 5.08 | 25 | 135 | 5    | 0.24 | 2  | 26 | 57  | 67   | 4.55 | <10  | 0.98 | 607  | <1   | 0.02 | 49 | 1860 | 26 | <5 | <20 | 22   | 0.31 | <10 | 90  | <10 | 13 | 250 |
| 424   | L24N  | 35+75 | E       | <5 | 0.2  | 3.63 | 10 | 155 | 10   | 0.44 | 4  | 26 | 80  | 49   | 5.28 | <10  | 1.23 | 836  | 4    | 0.02 | 42 | 3170 | 24 | 15 | <20 | 37   | 0.22 | <10 | 108 | <10 | 3  | 262 |
| 425   | L24N  | 36+00 | E       | <5 | 0.8  | 3.18 | 10 | 120 | <5   | 0.58 | 8  | 25 | 87  | 75   | 4.87 | <10  | 1.32 | 1164 | 5    | 0.01 | 60 | 890  | 48 | 15 | <20 | 43   | 0.16 | <10 | 111 | <10 | 30 | 428 |
| 426   | L24N  | 36+25 | E       | <5 | 0.4  | 3.18 | 5  | 215 | 5    | 0.50 | 3  | 24 | 72  | 40   | 4.70 | <10  | 1.01 | 1678 | 3    | 0.02 | 32 | 3290 | 18 | 10 | <20 | 43   | 0.22 | <10 | 97  | <10 | 2  | 177 |
| 427   | L24N  | 36+50 | E       | <5 | 0.2  | 3.24 | <5 | 230 | 10   | 0.60 | 2  | 25 | 94  | 47   | 4.99 | <10  | 1.25 | 1540 | 2    | 0.02 | 36 | 2230 | 18 | 5  | <20 | 55   | 0.22 | <10 | 106 | <10 | 4  | 142 |
| 428   | L24N  | 36+75 | E       | <5 | 0.2  | 3.53 | 10 | 160 | <5   | 0.66 | 3  | 27 | 102 | 45   | 5.39 | <10  | 1.20 | 1246 | 3    | 0.02 | 39 | 2460 | 16 | 10 | <20 | 58   | 0.23 | <10 | 118 | <10 | 2  | 136 |
| 429   | L24N  | 37+00 | E       | <5 | 0.6  | 2.85 | <5 | 175 | 10   | 0.59 | 2  | 23 | 86  | 39   | 4.70 | <10  | 1.12 | 1325 | 1    | 0.02 | 32 | 1480 | 18 | <5 | <20 | 51   | 0.22 | <10 | 107 | <10 | 3  | 135 |
| 430   | L24N  | 37+25 | E       | <5 | 0.6  | 2.59 | <5 | 200 | 15   | 0.64 | 3  | 28 | 99  | 44   | 5.12 | <10  | 1.24 | 1211 | 3    | 0.02 | 36 | 1560 | 18 | 10 | <20 | 63   | 0.20 | <10 | 116 | <10 | <1 | 132 |
| 431   | L24N  | 37+50 | E       | <5 | 0.6  | 3.18 | 5  | 210 | 10   | 0.38 | 4  | 24 | 75  | 41   | 4.73 | <10  | 0.99 | 2111 | 7    | 0.02 | 37 | 1660 | 22 | 25 | <20 | 34   | 0.17 | <10 | 104 | <10 | 5  | 210 |
| 432   | L24N  | 37+75 | E       | 5  | 0.8  | 1.95 | <5 | 205 | 10   | 0.35 | 4  | 20 | 56  | 32   | 4.13 | <10  | 0.64 | 1708 | 1    | 0.01 | 23 | 1900 | 28 | <5 | <20 | 38   | 0.19 | <10 | 77  | <10 | 3  | 160 |
| 433   | L24N  | 38+00 | E       | 10 | 0.8  | 3.39 | <5 | 270 | 15   | 0.37 | 6  | 23 | 71  | 38   | 4.87 | <10  | 0.96 | 1765 | 5    | 0.01 | 40 | 2530 | 22 | 10 | <20 | 35   | 0.20 | <10 | 101 | <10 | 4  | 287 |
| 434   | L24N  | 38+25 | E       | <5 | 0.8  | 2.48 | <5 | 285 | 10   | 0.50 | 7  | 25 | 84  | 36   | 4.82 | <10  | 0.96 | 2577 | 4    | 0.01 | 36 | 1830 | 22 | 10 | <20 | 47   | 0.17 | <10 | 98  | <10 | <1 | 255 |
| 435   | L24N  | 38+50 | E       | <5 | 0.4  | 2.49 | <5 | 255 | 5    | 0.53 | 4  | 20 | 76  | 33   | 4.45 | <10  | 0.89 | 1645 | 3    | 0.01 | 33 | 2420 | 20 | 10 | <20 | 56   | 0.18 | <10 | 83  | <10 | 2  | 189 |
| 436   | L24N  | 38+75 | E       | <5 | 0.4  | 2.61 | <5 | 205 | 15   | 0.36 | 3  | 22 | 64  | 31   | 4.78 | <10  | 0.81 | 1530 | 3    | 0.01 | 31 | 2860 | 22 | 10 | <20 | 33   | 0.18 | <10 | 79  | <10 | 1  | 213 |
| 437   | L24N  | 39+00 | E       | <5 | 0.6  | 2.84 | <5 | 195 | 15   | 0.29 | 5  | 20 | 56  | 26   | 4.34 | <10  | 0.80 | 2117 | 2    | 0.01 | 44 | 2200 | 24 | <5 | <20 | 31   | 0.19 | <10 | 75  | <10 | 2  | 560 |
| 438   | L24N  | 39+25 | E       | <5 | 0.6  | 2.98 | 10 | 245 | 10   | 0.26 | 5  | 21 | 56  | 34   | 4.55 | <10  | 0.69 | 1528 | 3    | 0.01 | 30 | 3390 | 22 | 10 | <20 | 29   | 0.20 | <10 | 73  | <10 | 4  | 347 |
| 439   | L24N  | 39+50 | E       | <5 | 0.4  | 2.97 | <5 | 135 | 10   | 0.29 | 2  | 26 | 60  | 47   | 5.23 | <10  | 0.83 | 1012 | 4    | 0.01 | 29 | 1510 | 24 | 10 | <20 | 26   | 0.22 | <10 | 83  | <10 | 4  | 153 |
| 440   | L24N  | 39+75 | E       | <5 | 0.6  | 3.17 | 5  | 140 | 10   | 0.28 | 1  | 21 | 47  | 38   | 4.40 | <10  | 0.63 | 1098 | 2    | 0.01 | 22 | 1390 | 26 | <5 | <20 | 26   | 0.24 | <10 | 75  | <10 | 6  | 126 |

| Et #. | Tag # |       | Au(ppb) | Ag | Al % | As   | Ba | Bi  | Ca % | Cd   | Co | Cr | Cu  | Fe % | La   | Mg % | Mn   | Mo   | Na % | Ni   | P  | Pb   | Sb | Sn | Sr  | Ti % | U    | V   | W   | Y   | Zn |     |
|-------|-------|-------|---------|----|------|------|----|-----|------|------|----|----|-----|------|------|------|------|------|------|------|----|------|----|----|-----|------|------|-----|-----|-----|----|-----|
| 441   | L24N  | 40+00 | E       | 5  | 0.6  | 2.53 | <5 | 235 | 10   | 0.42 | 2  | 22 | 66  | 41   | 5.08 | <10  | 0.87 | 3483 | 3    | 0.01 | 27 | 1780 | 20 | 10 | <20 | 41   | 0.19 | <10 | 88  | <10 | 1  | 97  |
| 442   | L24N  | 40+25 | E       | <5 | <0.2 | 2.57 | <5 | 170 | 5    | 0.35 | 2  | 19 | 65  | 39   | 4.90 | <10  | 0.81 | 950  | 7    | 0.01 | 25 | 3400 | 22 | 30 | <20 | 32   | 0.15 | <10 | 79  | <10 | <1 | 95  |
| 443   | L24N  | 40+50 | E       | <5 | 0.4  | 2.16 | 5  | 120 | <5   | 0.23 | 1  | 18 | 52  | 44   | 4.25 | <10  | 0.74 | 1550 | 3    | 0.01 | 21 | 1390 | 36 | 5  | <20 | 25   | 0.16 | <10 | 70  | <10 | 2  | 79  |
| 444   | L24N  | 40+75 | E       | <5 | 0.6  | 2.89 | <5 | 135 | 15   | 0.27 | 1  | 28 | 59  | 40   | 4.66 | <10  | 0.76 | 1773 | 3    | 0.01 | 23 | 2040 | 24 | <5 | <20 | 26   | 0.19 | <10 | 73  | <10 | 12 | 88  |
| 445   | L24N  | 41+00 | E       | <5 | 0.4  | 3.82 | 5  | 125 | <5   | 0.38 | 1  | 19 | 48  | 39   | 3.88 | <10  | 0.60 | 2057 | 3    | 0.01 | 20 | 1850 | 34 | <5 | <20 | 28   | 0.15 | <10 | 58  | <10 | 16 | 79  |
| 446   | L25N  | 26+00 | E       | <5 | 0.2  | 3.98 | <5 | 110 | 5    | 0.34 | 2  | 18 | 27  | 43   | 4.56 | <10  | 0.58 | 925  | 5    | 0.02 | 20 | 3210 | 22 | 5  | <20 | 33   | 0.20 | <10 | 79  | <10 | 3  | 175 |
| 447   | L25N  | 26+25 | E       | <5 | 0.4  | 3.68 | 10 | 95  | 10   | 0.42 | 3  | 18 | 40  | 47   | 4.95 | <10  | 0.68 | 515  | 6    | 0.02 | 29 | 1590 | 22 | 10 | <20 | 35   | 0.21 | <10 | 97  | <10 | 6  | 217 |
| 448   | L25N  | 26+50 | E       | <5 | 0.4  | 4.53 | 15 | 115 | 10   | 0.43 | 4  | 19 | 26  | 44   | 4.52 | <10  | 0.77 | 1094 | 6    | 0.01 | 30 | 1980 | 22 | 10 | <20 | 35   | 0.18 | <10 | 83  | <10 | 9  | 263 |
| 449   | L25N  | 26+75 | E       | <5 | 0.6  | 4.82 | 20 | 95  | 5    | 0.83 | 7  | 21 | 31  | 52   | 4.34 | 10   | 0.80 | 1552 | 6    | 0.02 | 32 | 1630 | 24 | 15 | <20 | 64   | 0.20 | <10 | 84  | <10 | 55 | 318 |
| 450   | L25N  | 27+00 | E       | <5 | 0.4  | 3.97 | 15 | 170 | 5    | 0.39 | 5  | 20 | 39  | 49   | 5.20 | <10  | 0.75 | 989  | 6    | 0.01 | 37 | 1540 | 26 | <5 | <20 | 37   | 0.21 | <10 | 105 | <10 | 12 | 342 |
| 451   | L25N  | 27+25 | E       | <5 | 0.4  | 5.59 | 15 | 90  | <5   | 0.38 | 3  | 18 | 28  | 38   | 4.14 | <10  | 0.59 | 947  | 7    | 0.01 | 28 | 1680 | 26 | 10 | <20 | 31   | 0.16 | <10 | 72  | <10 | 11 | 243 |
| 452   | L25N  | 27+50 | E       | <5 | 0.6  | 4.65 | 5  | 70  | 10   | 0.49 | 4  | 20 | 47  | 42   | 4.27 | <10  | 0.77 | 614  | 4    | 0.02 | 38 | 930  | 22 | 5  | <20 | 29   | 0.24 | <10 | 93  | <10 | 20 | 284 |
| 453   | L25N  | 27+75 | E       | <5 | 0.6  | 5.25 | 10 | 95  | 10   | 0.31 | 4  | 20 | 39  | 60   | 4.95 | <10  | 0.78 | 521  | 16   | 0.02 | 44 | 1340 | 24 | 30 | <20 | 35   | 0.18 | <10 | 97  | <10 | 28 | 261 |
| 454   | L25N  | 28+00 | E       | <5 | 0.8  | 4.23 | 10 | 115 | 5    | 0.64 | 5  | 20 | 37  | 57   | 5.02 | <10  | 0.61 | 771  | 9    | 0.02 | 35 | 1160 | 22 | <5 | <20 | 50   | 0.14 | <10 | 82  | <10 | 20 | 225 |
| 455   | L25N  | 28+25 | E       | <5 | 0.6  | 3.25 | <5 | 125 | 5    | 0.82 | 2  | 26 | 77  | 69   | 4.87 | <10  | 0.93 | 993  | 3    | 0.03 | 33 | 2310 | 16 | 10 | <20 | 45   | 0.23 | <10 | 115 | <10 | 8  | 107 |
| 456   | L25N  | 28+50 | E       | <5 | 0.4  | 3.20 | <5 | 190 | <5   | 0.73 | 3  | 23 | 64  | 65   | 4.46 | <10  | 0.77 | 1339 | 2    | 0.03 | 27 | 2510 | 16 | <5 | <20 | 47   | 0.21 | <10 | 92  | <10 | 6  | 145 |
| 457   | L25N  | 28+75 | E       | <5 | 0.8  | 3.30 | <5 | 110 | 10   | 0.70 | 2  | 24 | 82  | 57   | 4.83 | <10  | 0.80 | 853  | 2    | 0.03 | 29 | 2290 | 16 | 10 | <20 | 31   | 0.25 | <10 | 107 | <10 | 8  | 99  |
| 458   | L25N  | 29+00 | E       | <5 | <0.2 | 2.97 | <5 | 95  | 15   | 0.81 | 1  | 20 | 76  | 34   | 4.53 | <10  | 0.70 | 446  | 2    | 0.03 | 25 | 2040 | 16 | <5 | <20 | 27   | 0.25 | <10 | 100 | <10 | 3  | 74  |
| 459   | L25N  | 29+25 | E       | <5 | 0.2  | 3.46 | <5 | 85  | 5    | 0.64 | 1  | 24 | 94  | 57   | 4.77 | <10  | 0.86 | 476  | 3    | 0.03 | 32 | 1240 | 20 | 10 | <20 | 32   | 0.26 | <10 | 110 | <10 | 8  | 61  |
| 460   | L25N  | 29+50 | E       | <5 | <0.2 | 2.89 | <5 | 105 | 10   | 0.81 | 1  | 23 | 89  | 45   | 4.67 | <10  | 0.78 | 718  | 2    | 0.03 | 28 | 1220 | 18 | <5 | <20 | 33   | 0.24 | <10 | 103 | <10 | 3  | 71  |
| 461   | L25N  | 29+75 | E       | <5 | 0.6  | 3.44 | <5 | 95  | 10   | 0.57 | 1  | 21 | 90  | 44   | 4.73 | <10  | 0.73 | 504  | 2    | 0.03 | 31 | 2160 | 20 | <5 | <20 | 23   | 0.27 | <10 | 101 | <10 | 3  | 69  |
| 462   | L25N  | 30+00 | E       | 5  | 0.2  | 3.75 | <5 | 110 | 10   | 0.45 | <1 | 21 | 64  | 34   | 4.45 | <10  | 0.71 | 489  | 2    | 0.02 | 27 | 1590 | 22 | 5  | <20 | 26   | 0.27 | <10 | 86  | <10 | 4  | 77  |
| 463   | L25N  | 30+25 | E       | <5 | <0.2 | 3.26 | <5 | 140 | 15   | 0.49 | 2  | 20 | 62  | 25   | 4.63 | <10  | 0.67 | 665  | 4    | 0.02 | 26 | 1280 | 22 | 20 | <20 | 30   | 0.25 | <10 | 90  | <10 | 3  | 87  |
| 464   | L25N  | 30+50 | E       | <5 | 0.2  | 3.34 | <5 | 130 | 10   | 0.66 | 1  | 23 | 87  | 47   | 5.13 | <10  | 0.84 | 710  | 3    | 0.03 | 34 | 2600 | 18 | <5 | <20 | 39   | 0.23 | <10 | 113 | <10 | 2  | 83  |
| 465   | L25N  | 30+75 | E       | <5 | <0.2 | 3.31 | <5 | 100 | 10   | 0.57 | 1  | 21 | 69  | 36   | 4.51 | <10  | 0.60 | 1002 | 3    | 0.03 | 26 | 1800 | 18 | 5  | <20 | 30   | 0.23 | <10 | 98  | <10 | 3  | 74  |
| 466   | L25N  | 31+00 | E       | <5 | 0.4  | 3.45 | <5 | 135 | 5    | 0.60 | 2  | 21 | 66  | 43   | 4.72 | <10  | 0.67 | 915  | 3    | 0.03 | 26 | 3480 | 16 | <5 | <20 | 30   | 0.21 | <10 | 104 | <10 | 4  | 106 |
| 467   | L25N  | 31+25 | E       | <5 | 0.2  | 2.61 | <5 | 90  | 10   | 0.59 | 2  | 20 | 68  | 33   | 4.78 | <10  | 0.64 | 776  | 2    | 0.03 | 23 | 1230 | 16 | <5 | <20 | 32   | 0.23 | <10 | 110 | <10 | 4  | 101 |
| 468   | L25N  | 31+50 | E       | <5 | <0.2 | 3.19 | 5  | 90  | 10   | 0.62 | 1  | 20 | 62  | 40   | 4.60 | <10  | 0.67 | 536  | 3    | 0.03 | 24 | 2410 | 16 | <5 | <20 | 32   | 0.19 | <10 | 105 | <10 | 2  | 97  |
| 469   | L25N  | 31+75 | E       | <5 | <0.2 | 2.49 | <5 | 105 | 10   | 0.54 | 2  | 18 | 73  | 31   | 4.56 | <10  | 0.70 | 635  | 2    | 0.02 | 24 | 1690 | 14 | 5  | <20 | 35   | 0.23 | <10 | 103 | <10 | 2  | 113 |
| 470   | L25N  | 32+25 | E       | <5 | 0.4  | 2.48 | <5 | 140 | 5    | 0.68 | 1  | 16 | 74  | 26   | 3.89 | <10  | 0.62 | 915  | 1    | 0.02 | 22 | 2630 | 18 | <5 | <20 | 47   | 0.22 | <10 | 80  | <10 | 3  | 106 |
| 471   | L25N  | 32+50 | E       | <5 | 0.4  | 3.02 | <5 | 120 | 10   | 0.74 | 2  | 22 | 84  | 39   | 4.61 | <10  | 0.78 | 774  | 2    | 0.02 | 28 | 1310 | 18 | 10 | <20 | 47   | 0.25 | <10 | 95  | <10 | 6  | 128 |
| 472   | L25N  | 33+00 | E       | <5 | <0.2 | 3.99 | <5 | 120 | 10   | 0.57 | 2  | 21 | 80  | 36   | 4.58 | <10  | 0.58 | 493  | 4    | 0.02 | 22 | 3220 | 22 | 10 | <20 | 47   | 0.25 | <10 | 86  | <10 | 5  | 134 |
| 473   | L25N  | 33+25 | E       | 5  | 0.4  | 2.93 | <5 | 105 | 10   | 0.49 | 2  | 20 | 88  | 36   | 4.57 | <10  | 0.77 | 745  | 1    | 0.02 | 28 | 1970 | 18 | <5 | <20 | 40   | 0.26 | <10 | 97  | <10 | 4  | 114 |
| 474   | L25N  | 33+50 | E       | <5 | <0.2 | 2.83 | <5 | 115 | 10   | 0.52 | 2  | 21 | 99  | 36   | 4.77 | <10  | 0.82 | 951  | 2    | 0.02 | 29 | 1890 | 22 | <5 | <20 | 41   | 0.24 | <10 | 98  | <10 | 2  | 102 |
| 475   | L25N  | 33+75 | E       | 5  | 0.2  | 3.17 | <5 | 105 | 15   | 0.50 | 1  | 21 | 100 | 39   | 4.54 | <10  | 0.80 | 601  | 1    | 0.02 | 27 | 1960 | 18 | <5 | <20 | 38   | 0.24 | <10 | 95  | <10 | 3  | 108 |

ROSSMIN EXPLORATIONS LTD.

ICP CERTIFICATE OF ANALYSIS AK 96-1274

ECO-TECH LABORATORIES LTD.

| Et #. | Tag # |       | Au(ppb) | Ag | Al % | As   | Ba | Bi  | Ca % | Cd   | Co | Cr | Cu  | Fe % | La   | Mg % | Mn   | Mo   | Na % | Ni    | P  | Pb   | Sb | Sn | Sr  | Tl % | U    | V   | W   | Y   | Zn |     |
|-------|-------|-------|---------|----|------|------|----|-----|------|------|----|----|-----|------|------|------|------|------|------|-------|----|------|----|----|-----|------|------|-----|-----|-----|----|-----|
| 476   | L25N  | 34+00 | E       | <5 | 0.2  | 3.23 | 15 | 105 | 10   | 0.62 | 1  | 17 | 55  | 35   | 5.13 | <10  | 0.57 | 373  | 4    | 0.02  | 20 | 1740 | 16 | <5 | <20 | 37   | 0.18 | <10 | 111 | <10 | 3  | 90  |
| 477   | L25N  | 34+25 | E       | <5 | 0.6  | 3.05 | <5 | 210 | 5    | 0.70 | 1  | 22 | 71  | 43   | 5.53 | <10  | 0.95 | 659  | 3    | 0.02  | 28 | 4210 | 18 | <5 | <20 | 48   | 0.21 | <10 | 113 | <10 | <1 | 172 |
| 478   | L25N  | 34+50 | E       | <5 | 0.6  | 2.81 | <5 | 145 | 10   | 0.42 | 2  | 20 | 76  | 40   | 5.00 | <10  | 0.73 | 1247 | 3    | 0.02  | 24 | 2480 | 18 | <5 | <20 | 32   | 0.20 | <10 | 102 | <10 | <1 | 149 |
| 479   | L25N  | 34+75 | E       | <5 | 0.4  | 3.36 | 10 | 125 | 15   | 0.24 | 2  | 23 | 62  | 28   | 4.90 | <10  | 0.66 | 791  | 2    | 0.02  | 22 | 3210 | 22 | 5  | <20 | 22   | 0.28 | <10 | 96  | <10 | 1  | 124 |
| 480   | L25N  | 35+00 | E       | <5 | <0.2 | 3.13 | <5 | 150 | 15   | 0.32 | 2  | 24 | 85  | 36   | 5.04 | <10  | 0.89 | 586  | 2    | 0.02  | 30 | 1450 | 22 | 5  | <20 | 27   | 0.29 | <10 | 107 | <10 | 3  | 163 |
| 481   | L25N  | 35+25 | E       | <5 | 0.4  | 3.52 | 10 | 150 | 10   | 0.34 | 2  | 23 | 73  | 41   | 4.59 | <10  | 0.88 | 923  | 2    | 0.02  | 30 | 1700 | 32 | 10 | <20 | 29   | 0.28 | <10 | 92  | <10 | 7  | 177 |
| 482   | L25N  | 35+50 | E       | <5 | 1.0  | 3.48 | 15 | 175 | 10   | 0.24 | 4  | 30 | 55  | 40   | 4.65 | <10  | 0.89 | 1594 | 3    | 0.02  | 33 | 2720 | 30 | 5  | <20 | 22   | 0.26 | <10 | 95  | <10 | 4  | 315 |
| 483   | L25N  | 35+75 | E       | <5 | 1.2  | 3.11 | 20 | 140 | 10   | 0.21 | 3  | 33 | 76  | 51   | 5.54 | <10  | 1.19 | 1639 | 4    | 0.01  | 44 | 1140 | 24 | 10 | <20 | 19   | 0.22 | <10 | 118 | <10 | 3  | 319 |
| 484   | L25N  | 36+00 | E       | 5  | 0.8  | 2.83 | <5 | 120 | 10   | 0.36 | 5  | 31 | 93  | 49   | 5.75 | <10  | 1.28 | 836  | 6    | 0.01  | 50 | 1080 | 22 | 15 | <20 | 29   | 0.21 | <10 | 122 | <10 | 2  | 477 |
| 485   | L25N  | 36+25 | E       | <5 | 0.6  | 2.69 | <5 | 105 | 10   | 0.31 | 4  | 35 | 86  | 69   | 6.32 | <10  | 1.63 | 814  | 7    | <0.01 | 65 | 1040 | 22 | 10 | <20 | 24   | 0.18 | <10 | 127 | <10 | 2  | 441 |
| 486   | L25N  | 36+50 | E       | <5 | 0.2  | 3.17 | <5 | 125 | 10   | 0.45 | 3  | 27 | 102 | 56   | 5.52 | <10  | 1.26 | 635  | 4    | 0.01  | 44 | 1810 | 20 | 10 | <20 | 37   | 0.21 | <10 | 124 | <10 | 2  | 214 |
| 487   | L25N  | 36+75 | E       | 5  | 0.4  | 3.41 | 10 | 135 | <5   | 0.48 | 3  | 30 | 92  | 83   | 5.42 | <10  | 1.28 | 668  | 4    | 0.02  | 50 | 1060 | 22 | 10 | <20 | 32   | 0.24 | <10 | 137 | <10 | 4  | 192 |
| 488   | L25N  | 37+00 | E       | <5 | 0.4  | 3.15 | 5  | 155 | <5   | 0.37 | 2  | 25 | 67  | 43   | 4.98 | <10  | 1.27 | 730  | 5    | 0.01  | 38 | 790  | 18 | 5  | <20 | 29   | 0.20 | <10 | 130 | <10 | 4  | 226 |
| 489   | L25N  | 37+25 | E       | <5 | 0.2  | 3.57 | 10 | 150 | 15   | 0.41 | 3  | 26 | 74  | 51   | 4.98 | <10  | 1.23 | 943  | 4    | 0.02  | 39 | 1630 | 22 | 10 | <20 | 26   | 0.22 | <10 | 127 | <10 | 6  | 192 |
| 490   | L25N  | 37+50 | E       | <5 | 0.8  | 3.63 | 5  | 180 | 5    | 0.64 | 3  | 27 | 63  | 54   | 4.73 | <10  | 1.21 | 698  | 4    | 0.01  | 41 | 640  | 24 | 10 | <20 | 39   | 0.19 | <10 | 118 | <10 | 7  | 239 |
| 491   | L25N  | 37+75 | E       | <5 | 1.0  | 4.07 | 25 | 175 | 5    | 0.32 | 6  | 33 | 58  | 65   | 4.88 | <10  | 1.08 | 1313 | 8    | 0.01  | 43 | 3140 | 32 | 10 | <20 | 28   | 0.17 | <10 | 113 | <10 | 17 | 271 |
| 492   | L25N  | 38+00 | E       | <5 | 0.8  | 3.38 | <5 | 235 | 5    | 0.35 | 5  | 25 | 58  | 36   | 4.55 | <10  | 0.91 | 1520 | 3    | 0.01  | 33 | 4280 | 20 | <5 | <20 | 34   | 0.17 | <10 | 97  | <10 | 3  | 355 |
| 493   | L25N  | 38+25 | E       | <5 | 1.4  | 4.13 | 10 | 200 | <5   | 0.17 | 3  | 32 | 54  | 71   | 5.00 | <10  | 1.33 | 1175 | 7    | <0.01 | 51 | 2950 | 26 | 10 | <20 | 21   | 0.12 | <10 | 113 | <10 | <1 | 305 |
| 494   | L25N  | 38+50 | E       | <5 | 1.4  | 3.20 | <5 | 220 | 5    | 0.42 | 8  | 23 | 43  | 51   | 4.19 | <10  | 0.95 | 1289 | 7    | <0.01 | 35 | 2580 | 20 | 25 | <20 | 39   | 0.11 | <10 | 77  | <10 | 4  | 303 |
| 495   | L25N  | 38+75 | E       | <5 | 2.0  | 3.23 | <5 | 135 | <5   | 0.55 | 5  | 25 | 67  | 72   | 4.65 | <10  | 1.32 | 992  | 4    | 0.01  | 48 | 1270 | 24 | 5  | <20 | 43   | 0.15 | <10 | 99  | <10 | 15 | 394 |
| 496   | L25N  | 39+00 | E       | 10 | 1.2  | 2.92 | 10 | 180 | 5    | 0.54 | 8  | 24 | 62  | 52   | 4.46 | <10  | 1.12 | 1496 | 4    | 0.01  | 36 | 1110 | 20 | 10 | <20 | 36   | 0.14 | <10 | 105 | <10 | 9  | 335 |
| 497   | L25N  | 39+25 | E       | <5 | 1.6  | 3.19 | 10 | 135 | <5   | 0.30 | 5  | 31 | 66  | 76   | 5.08 | <10  | 1.17 | 1279 | 6    | <0.01 | 43 | 2590 | 22 | <5 | <20 | 26   | 0.10 | <10 | 98  | <10 | 7  | 338 |
| 498   | L25N  | 39+50 | E       | 5  | 1.8  | 2.89 | 5  | 180 | <5   | 0.40 | 3  | 27 | 76  | 55   | 4.95 | <10  | 1.20 | 1055 | 5    | 0.01  | 37 | 1780 | 20 | <5 | <20 | 35   | 0.13 | <10 | 114 | <10 | 3  | 262 |
| 499   | L25N  | 39+75 | E       | 5  | 0.6  | 2.01 | <5 | 240 | 5    | 0.40 | 3  | 21 | 77  | 30   | 4.40 | <10  | 0.90 | 1966 | 3    | 0.01  | 28 | 1740 | 18 | <5 | <20 | 39   | 0.14 | <10 | 95  | <10 | <1 | 160 |
| 500   | L25N  | 40+00 | E       | <5 | 0.4  | 3.61 | 10 | 130 | 10   | 0.31 | 1  | 19 | 63  | 41   | 4.48 | <10  | 0.76 | 868  | 4    | 0.01  | 25 | 2340 | 24 | 10 | <20 | 23   | 0.20 | <10 | 81  | <10 | 6  | 96  |
| 501   | L25N  | 40+25 | E       | 5  | 0.4  | 1.85 | <5 | 125 | 5    | 0.33 | 2  | 15 | 42  | 28   | 4.26 | <10  | 0.47 | 1041 | 1    | 0.01  | 15 | 1090 | 26 | <5 | <20 | 26   | 0.20 | <10 | 75  | <10 | 3  | 72  |
| 502   | L25N  | 40+50 | E       | 5  | 0.4  | 3.11 | 10 | 175 | 10   | 0.35 | 1  | 17 | 40  | 35   | 4.14 | <10  | 0.57 | 1104 | 2    | 0.01  | 19 | 1400 | 24 | 5  | <20 | 24   | 0.22 | <10 | 72  | <10 | 4  | 99  |
| 503   | L25N  | 41+00 | E       | <5 | <0.2 | 2.57 | <5 | 110 | 10   | 0.24 | 1  | 18 | 44  | 41   | 4.65 | <10  | 0.54 | 490  | 2    | 0.01  | 18 | 770  | 24 | <5 | <20 | 21   | 0.21 | <10 | 79  | <10 | 5  | 62  |
| 504   | L26N  | 26+00 | E       | <5 | 1.2  | 4.64 | 10 | 275 | 5    | 0.34 | 5  | 26 | 61  | 47   | 5.19 | <10  | 1.00 | 1396 | 7    | 0.02  | 61 | 2630 | 34 | 10 | <20 | 29   | 0.30 | <10 | 103 | <10 | 7  | 493 |
| 505   | L26N  | 26+25 | E       | <5 | <0.2 | 5.33 | 30 | 165 | 10   | 0.26 | 3  | 21 | 49  | 46   | 5.30 | <10  | 0.84 | 676  | 12   | 0.02  | 50 | 2610 | 34 | 25 | <20 | 20   | 0.26 | <10 | 101 | <10 | 4  | 359 |
| 506   | L26N  | 26+50 | E       | 5  | <0.2 | 3.74 | 5  | 110 | 10   | 0.34 | 2  | 17 | 48  | 33   | 4.40 | <10  | 0.61 | 664  | 6    | 0.02  | 26 | 1460 | 24 | 10 | <20 | 24   | 0.24 | <10 | 91  | <10 | 5  | 157 |
| 507   | L26N  | 26+75 | E       | <5 | 0.8  | 2.96 | <5 | 85  | 15   | 0.53 | 2  | 16 | 45  | 27   | 4.36 | <10  | 0.58 | 744  | 4    | 0.02  | 23 | 830  | 20 | <5 | <20 | 34   | 0.22 | <10 | 110 | <10 | 7  | 182 |
| 508   | L26N  | 27+00 | E       | <5 | 0.4  | 4.09 | 10 | 105 | 10   | 0.36 | 3  | 18 | 58  | 41   | 4.70 | <10  | 0.67 | 402  | 9    | 0.02  | 36 | 2180 | 26 | <5 | <20 | 21   | 0.21 | <10 | 119 | <10 | 10 | 327 |
| 509   | L26N  | 27+25 | E       | <5 | 0.2  | 2.69 | <5 | 85  | 15   | 0.73 | 2  | 19 | 81  | 31   | 4.38 | <10  | 0.67 | 601  | 3    | 0.03  | 26 | 1910 | 16 | 10 | <20 | 29   | 0.23 | <10 | 102 | <10 | 5  | 110 |
| 510   | L26N  | 27+50 | E       | <5 | 0.2  | 1.60 | <5 | 80  | 10   | 0.59 | 2  | 17 | 80  | 20   | 4.42 | <10  | 0.69 | 600  | <1   | 0.02  | 19 | 660  | 18 | <5 | <20 | 43   | 0.28 | <10 | 107 | <10 | 2  | 86  |

| Et #. | Tag # |       | Au(ppb) | Ag | Al % | As   | Ba | Bi  | Ca % | Cd   | Co | Cr | Cu  | Fe % | La   | Mg % | Mn   | Mo   | Na % | Ni   | P  | Pb   | Sb | Sn | Sr  | Ti % | U    | V   | W   | Y   | Zn |     |
|-------|-------|-------|---------|----|------|------|----|-----|------|------|----|----|-----|------|------|------|------|------|------|------|----|------|----|----|-----|------|------|-----|-----|-----|----|-----|
| 511   | L26N  | 27+75 | E       | 5  | <0.2 | 1.91 | <5 | 90  | 10   | 0.63 | 2  | 21 | 72  | 28   | 4.75 | <10  | 0.75 | 860  | 1    | 0.02 | 21 | 950  | 20 | <5 | <20 | 44   | 0.29 | <10 | 106 | <10 | 3  | 110 |
| 512   | L26N  | 28+00 | E       | 10 | 0.2  | 1.95 | <5 | 105 | 10   | 0.53 | 2  | 21 | 68  | 26   | 4.44 | <10  | 0.56 | 1166 | 1    | 0.02 | 21 | 1390 | 16 | <5 | <20 | 34   | 0.26 | <10 | 96  | <10 | 2  | 108 |
| 513   | L26N  | 28+25 | E       | <5 | 0.2  | 2.72 | <5 | 80  | 10   | 0.52 | 2  | 18 | 72  | 26   | 4.75 | <10  | 0.56 | 445  | 3    | 0.02 | 20 | 1500 | 20 | <5 | <20 | 23   | 0.25 | <10 | 98  | <10 | 2  | 97  |
| 514   | L26N  | 28+50 | E       | <5 | 0.4  | 2.89 | <5 | 90  | 10   | 0.45 | 2  | 24 | 68  | 36   | 4.35 | <10  | 0.55 | 991  | 3    | 0.02 | 21 | 1280 | 18 | <5 | <20 | 26   | 0.25 | <10 | 94  | <10 | 11 | 80  |
| 515   | L26N  | 28+75 | E       | <5 | 0.4  | 3.34 | <5 | 125 | 5    | 0.71 | 3  | 23 | 78  | 53   | 4.59 | <10  | 0.72 | 875  | 3    | 0.03 | 28 | 1530 | 20 | 5  | <20 | 42   | 0.27 | <10 | 98  | <10 | 8  | 93  |
| 516   | L26N  | 29+00 | E       | 5  | <0.2 | 2.21 | <5 | 115 | 10   | 0.60 | 2  | 21 | 84  | 48   | 4.76 | <10  | 0.72 | 930  | 6    | 0.02 | 29 | 650  | 16 | 25 | <20 | 43   | 0.24 | <10 | 106 | <10 | 9  | 66  |
| 517   | L26N  | 29+25 | E       | <5 | 0.4  | 1.86 | <5 | 95  | 10   | 0.52 | 2  | 22 | 68  | 32   | 4.50 | <10  | 0.56 | 939  | 3    | 0.02 | 21 | 590  | 20 | <5 | <20 | 41   | 0.26 | <10 | 90  | <10 | 5  | 68  |
| 518   | L26N  | 29+50 | E       | <5 | 0.4  | 2.82 | <5 | 105 | 10   | 0.48 | 2  | 26 | 74  | 42   | 4.59 | <10  | 0.68 | 1174 | 3    | 0.02 | 25 | 910  | 22 | 10 | <20 | 35   | 0.27 | <10 | 96  | <10 | 11 | 86  |
| 519   | L26N  | 29+75 | E       | <5 | 0.4  | 2.27 | <5 | 220 | 5    | 0.61 | 2  | 23 | 73  | 38   | 4.50 | <10  | 0.66 | 2009 | <1   | 0.03 | 24 | 1410 | 26 | <5 | <20 | 50   | 0.27 | <10 | 98  | <10 | 3  | 98  |
| 520   | L26N  | 30+00 | E       | <5 | 0.2  | 3.31 | <5 | 125 | 10   | 0.64 | 1  | 22 | 71  | 33   | 4.51 | <10  | 0.73 | 715  | 2    | 0.03 | 26 | 1950 | 18 | <5 | <20 | 37   | 0.25 | <10 | 96  | <10 | 5  | 90  |
| 521   | L26N  | 30+25 | E       | <5 | <0.2 | 2.38 | <5 | 125 | 10   | 0.56 | 1  | 21 | 74  | 25   | 4.88 | <10  | 0.59 | 989  | 2    | 0.03 | 22 | 1460 | 14 | <5 | <20 | 32   | 0.25 | <10 | 108 | <10 | 3  | 73  |
| 522   | L26N  | 30+50 | E       | 10 | 0.4  | 2.85 | <5 | 195 | 15   | 0.87 | 1  | 16 | 49  | 22   | 4.42 | <10  | 0.46 | 1065 | 1    | 0.02 | 20 | 2400 | 30 | <5 | <20 | 57   | 0.26 | <10 | 85  | <10 | 2  | 98  |
| 523   | L26N  | 30+75 | E       | <5 | <0.2 | 1.95 | <5 | 105 | 10   | 0.62 | 2  | 18 | 65  | 27   | 4.12 | <10  | 0.58 | 955  | 1    | 0.02 | 19 | 1590 | 16 | <5 | <20 | 36   | 0.24 | <10 | 93  | <10 | 3  | 99  |
| 524   | L26N  | 31+00 | E       | 5  | 0.2  | 2.32 | <5 | 125 | 10   | 0.62 | 2  | 18 | 74  | 34   | 4.66 | <10  | 0.61 | 942  | 3    | 0.02 | 21 | 950  | 14 | 5  | <20 | 44   | 0.23 | <10 | 102 | <10 | 8  | 91  |
| 525   | L26N  | 31+25 | E       | <5 | <0.2 | 2.62 | <5 | 90  | 10   | 0.64 | 1  | 18 | 78  | 34   | 4.07 | <10  | 0.72 | 401  | 2    | 0.02 | 23 | 1320 | 16 | 5  | <20 | 42   | 0.21 | <10 | 89  | <10 | 5  | 85  |
| 526   | L26N  | 31+50 | E       | <5 | 0.4  | 2.46 | <5 | 115 | 15   | 0.60 | 2  | 19 | 83  | 38   | 4.29 | <10  | 0.62 | 811  | 2    | 0.02 | 23 | 1120 | 16 | 10 | <20 | 38   | 0.23 | <10 | 92  | <10 | 4  | 104 |
| 527   | L26N  | 31+75 | E       | <5 | 0.4  | 2.22 | <5 | 105 | 10   | 0.38 | 2  | 16 | 58  | 24   | 3.95 | <10  | 0.40 | 733  | 1    | 0.02 | 15 | 1860 | 18 | <5 | <20 | 24   | 0.23 | <10 | 81  | <10 | 1  | 116 |
| 528   | L26N  | 32+25 | E       | <5 | <0.2 | 2.55 | <5 | 100 | 10   | 0.44 | 2  | 20 | 52  | 22   | 5.03 | <10  | 0.52 | 604  | 3    | 0.02 | 19 | 1890 | 18 | <5 | <20 | 27   | 0.24 | <10 | 105 | <10 | 2  | 125 |
| 529   | L26N  | 32+50 | E       | 5  | <0.2 | 2.82 | <5 | 85  | 10   | 0.59 | 1  | 23 | 60  | 43   | 4.81 | <10  | 0.51 | 671  | 2    | 0.02 | 20 | 1300 | 18 | <5 | <20 | 28   | 0.23 | <10 | 103 | <10 | 4  | 113 |
| 530   | L26N  | 32+75 | E       | <5 | <0.2 | 3.67 | <5 | 130 | <5   | 0.92 | 3  | 32 | 103 | 103  | 5.94 | <10  | 1.52 | 1307 | 5    | 0.02 | 47 | 650  | 16 | 10 | <20 | 72   | 0.26 | <10 | 155 | <10 | 17 | 115 |
| 531   | L26N  | 33+00 | E       | <5 | <0.2 | 3.24 | <5 | 175 | 10   | 0.64 | 3  | 33 | 123 | 70   | 5.45 | <10  | 1.30 | 2003 | 2    | 0.02 | 43 | 1440 | 18 | 10 | <20 | 59   | 0.28 | <10 | 123 | <10 | 2  | 147 |
| 532   | L26N  | 33+25 | E       | <5 | 0.4  | 2.62 | <5 | 155 | 15   | 0.56 | 2  | 23 | 102 | 47   | 4.79 | <10  | 0.96 | 2084 | 2    | 0.02 | 32 | 2740 | 20 | 10 | <20 | 53   | 0.22 | <10 | 100 | <10 | <1 | 134 |
| 533   | L26N  | 33+50 | E       | <5 | 0.4  | 2.70 | <5 | 105 | 10   | 0.41 | 3  | 21 | 94  | 32   | 4.69 | <10  | 0.74 | 854  | 2    | 0.02 | 26 | 1240 | 22 | 10 | <20 | 36   | 0.27 | <10 | 100 | <10 | 2  | 97  |
| 534   | L26N  | 33+75 | E       | <5 | 0.6  | 1.96 | <5 | 160 | 15   | 0.35 | 2  | 16 | 75  | 24   | 3.89 | <10  | 0.51 | 1421 | <1   | 0.01 | 19 | 1020 | 28 | <5 | <20 | 33   | 0.25 | <10 | 88  | <10 | 3  | 97  |
| 535   | L26N  | 34+00 | E       | <5 | <0.2 | 3.26 | <5 | 110 | 15   | 0.38 | 1  | 22 | 84  | 40   | 4.64 | <10  | 0.78 | 473  | 3    | 0.02 | 28 | 1500 | 20 | 5  | <20 | 31   | 0.25 | <10 | 98  | <10 | 4  | 144 |
| 536   | L26N  | 34+25 | E       | 15 | <0.2 | 1.77 | <5 | 90  | 10   | 0.83 | 3  | 24 | 238 | 52   | 6.40 | <10  | 1.07 | 543  | 5    | 0.02 | 36 | 860  | 18 | 15 | <20 | 64   | 0.18 | <10 | 139 | <10 | 5  | 72  |
| 537   | L26N  | 34+50 | E       | <5 | 0.6  | 2.66 | <5 | 90  | 10   | 0.47 | 2  | 19 | 88  | 38   | 5.14 | <10  | 0.89 | 489  | 3    | 0.02 | 28 | 2850 | 18 | 5  | <20 | 37   | 0.17 | <10 | 109 | <10 | <1 | 147 |
| 538   | L26N  | 34+75 | E       | <5 | 0.6  | 3.76 | 5  | 145 | 5    | 0.53 | 4  | 21 | 74  | 45   | 4.64 | <10  | 0.91 | 902  | 3    | 0.02 | 28 | 3000 | 20 | <5 | <20 | 38   | 0.16 | <10 | 90  | <10 | 5  | 188 |
| 539   | L26N  | 35+00 | E       | <5 | 0.4  | 3.50 | 5  | 135 | 10   | 0.35 | 3  | 21 | 78  | 41   | 4.56 | <10  | 0.84 | 954  | 2    | 0.01 | 27 | 1910 | 24 | 5  | <20 | 30   | 0.24 | <10 | 91  | <10 | 5  | 109 |
| 540   | L26N  | 35+25 | E       | <5 | 0.4  | 3.04 | <5 | 155 | 10   | 0.35 | 3  | 24 | 88  | 34   | 5.12 | <10  | 0.87 | 1008 | 2    | 0.01 | 29 | 2590 | 22 | 10 | <20 | 32   | 0.25 | <10 | 105 | <10 | 2  | 139 |
| 541   | L26N  | 35+50 | E       | <5 | 0.4  | 3.61 | <5 | 165 | 10   | 0.31 | 1  | 25 | 80  | 37   | 4.91 | <10  | 0.89 | 1095 | 2    | 0.02 | 31 | 2380 | 22 | <5 | <20 | 31   | 0.29 | <10 | 101 | <10 | 4  | 129 |
| 542   | L26N  | 35+75 | E       | <5 | 0.4  | 4.10 | 10 | 295 | 10   | 0.30 | 5  | 27 | 65  | 42   | 4.71 | <10  | 1.03 | 1956 | 3    | 0.02 | 38 | 3610 | 26 | 15 | <20 | 33   | 0.28 | <10 | 91  | <10 | 8  | 272 |
| 543   | L26N  | 36+00 | E       | <5 | 0.6  | 3.97 | 25 | 235 | 5    | 0.24 | 3  | 29 | 79  | 56   | 5.38 | <10  | 1.23 | 1538 | 4    | 0.02 | 49 | 2440 | 28 | 10 | <20 | 25   | 0.26 | <10 | 111 | <10 | 3  | 302 |
| 544   | L26N  | 36+25 | E       | <5 | 1.4  | 3.91 | <5 | 100 | 5    | 0.19 | 3  | 28 | 82  | 67   | 5.36 | <10  | 1.40 | 840  | 4    | 0.01 | 55 | 1530 | 24 | 5  | <20 | 17   | 0.22 | <10 | 110 | <10 | 7  | 289 |
| 545   | L26N  | 36+50 | E       | <5 | 0.6  | 3.84 | 5  | 90  | 10   | 0.27 | 2  | 25 | 91  | 66   | 5.43 | <10  | 1.34 | 633  | 3    | 0.01 | 40 | 1400 | 22 | <5 | <20 | 22   | 0.23 | <10 | 114 | <10 | 8  | 181 |



ROSSMIN EXPLORATIONS LTD.

ICP CERTIFICATE OF ANALYSIS AK 96-1274

ECO-TECH LABORATORIES LTD.

| Et #. | Tag #      | Au(ppb) | Ag | Al % | As   | Ba | Bi  | Ca % | Cd   | Co | Cr | Cu  | Fe % | La   | Mg % | Mn   | Mo   | Na % | Ni   | P  | Pb   | Sb | Sn | Sr  | Ti % | U    | V   | W   | Y   | Zn |     |
|-------|------------|---------|----|------|------|----|-----|------|------|----|----|-----|------|------|------|------|------|------|------|----|------|----|----|-----|------|------|-----|-----|-----|----|-----|
| 546   | L26N 36+75 | E       | <5 | 0.8  | 3.20 | 5  | 145 | 10   | 0.31 | 3  | 25 | 96  | 41   | 5.12 | <10  | 0.99 | 1440 | 3    | 0.01 | 36 | 2200 | 24 | <5 | <20 | 27   | 0.23 | <10 | 100 | <10 | 2  | 215 |
| 547   | L26N 37+00 | E       | <5 | <0.2 | 2.75 | <5 | 165 | 10   | 0.61 | 4  | 26 | 109 | 43   | 5.29 | <10  | 1.26 | 1009 | 5    | 0.02 | 40 | 1520 | 18 | 25 | <20 | 48   | 0.21 | <10 | 113 | <10 | <1 | 163 |
| 548   | L26N 37+25 | E       | <5 | 0.2  | 3.17 | <5 | 180 | 10   | 0.50 | 2  | 25 | 101 | 42   | 5.14 | <10  | 1.10 | 1017 | 2    | 0.02 | 37 | 2190 | 18 | <5 | <20 | 46   | 0.24 | <10 | 110 | <10 | 3  | 144 |
| 549   | L26N 37+50 | E       | <5 | <0.2 | 2.99 | <5 | 185 | 10   | 0.47 | 4  | 25 | 108 | 41   | 5.48 | <10  | 1.21 | 783  | 4    | 0.02 | 42 | 2180 | 16 | 10 | <20 | 44   | 0.22 | <10 | 114 | <10 | 2  | 244 |
| 550   | L26N 37+75 | E       | <5 | 0.4  | 2.38 | <5 | 135 | 15   | 0.44 | 3  | 24 | 97  | 28   | 4.94 | <10  | 1.13 | 957  | 3    | 0.01 | 31 | 2190 | 18 | 10 | <20 | 35   | 0.16 | <10 | 110 | <10 | <1 | 200 |
| 551   | L26N 38+00 | E       | <5 | 0.8  | 2.86 | <5 | 130 | 10   | 0.35 | 4  | 22 | 83  | 32   | 4.43 | <10  | 0.90 | 865  | 2    | 0.01 | 30 | 2770 | 20 | 5  | <20 | 29   | 0.19 | <10 | 92  | <10 | 5  | 205 |
| 552   | L26N 38+25 | E       | <5 | 0.8  | 3.55 | 5  | 160 | 10   | 0.31 | 4  | 26 | 86  | 42   | 4.87 | <10  | 1.20 | 974  | 3    | 0.01 | 40 | 1940 | 20 | 5  | <20 | 28   | 0.22 | <10 | 109 | <10 | 5  | 268 |
| 553   | L26N 38+50 | E       | <5 | 0.4  | 2.56 | <5 | 125 | 10   | 0.40 | 3  | 25 | 101 | 39   | 5.07 | <10  | 1.31 | 723  | 3    | 0.01 | 39 | 1650 | 16 | <5 | <20 | 34   | 0.16 | <10 | 115 | <10 | <1 | 189 |
| 554   | L26N 38+75 | E       | 5  | 0.4  | 2.86 | <5 | 130 | 10   | 0.36 | 4  | 24 | 81  | 35   | 4.60 | <10  | 1.12 | 891  | 4    | 0.01 | 36 | 1380 | 22 | 10 | <20 | 26   | 0.16 | <10 | 108 | <10 | 2  | 246 |
| 555   | L26N 39+00 | E       | <5 | 0.8  | 2.31 | <5 | 135 | 10   | 0.38 | 3  | 23 | 101 | 37   | 4.93 | <10  | 1.33 | 962  | 3    | 0.01 | 35 | 1090 | 14 | <5 | <20 | 34   | 0.15 | <10 | 117 | <10 | <1 | 161 |
| 556   | L26N 39+25 | E       | <5 | 1.6  | 3.14 | <5 | 150 | 10   | 0.32 | 4  | 26 | 82  | 48   | 5.12 | <10  | 1.23 | 1128 | 4    | 0.01 | 42 | 2140 | 22 | 5  | <20 | 25   | 0.16 | <10 | 118 | <10 | 3  | 350 |
| 557   | L26N 39+50 | E       | 5  | 1.0  | 2.72 | <5 | 170 | 10   | 0.32 | 3  | 21 | 68  | 29   | 4.59 | <10  | 0.82 | 1036 | 3    | 0.01 | 29 | 1660 | 20 | <5 | <20 | 27   | 0.19 | <10 | 95  | <10 | 3  | 212 |
| 558   | L26N 39+75 | E       | <5 | 0.2  | 3.00 | <5 | 145 | 10   | 0.40 | 3  | 21 | 58  | 31   | 4.37 | <10  | 0.71 | 926  | 5    | 0.01 | 27 | 2650 | 24 | 20 | <20 | 28   | 0.18 | <10 | 79  | <10 | 3  | 185 |
| 559   | L26N 40+00 | E       | <5 | 0.8  | 2.75 | <5 | 135 | 15   | 0.42 | 2  | 19 | 60  | 35   | 4.41 | <10  | 0.72 | 1493 | 3    | 0.01 | 23 | 2170 | 22 | 10 | <20 | 28   | 0.19 | <10 | 76  | <10 | 5  | 130 |
| 560   | L26N 40+25 | E       | <5 | 0.6  | 2.76 | <5 | 110 | 10   | 0.49 | 1  | 20 | 47  | 41   | 4.05 | <10  | 0.68 | 1355 | 3    | 0.01 | 21 | 1070 | 26 | <5 | <20 | 30   | 0.14 | <10 | 70  | <10 | 12 | 70  |
| 561   | L26N 40+50 | E       | <5 | <0.2 | 2.85 | <5 | 130 | 5    | 0.56 | 1  | 20 | 42  | 43   | 3.74 | 10   | 0.67 | 1585 | 2    | 0.02 | 22 | 880  | 20 | <5 | <20 | 32   | 0.08 | <10 | 60  | <10 | 18 | 79  |
| 562   | L26N 40+75 | E       | <5 | <0.2 | 3.26 | <5 | 115 | 10   | 0.45 | 1  | 18 | 38  | 32   | 3.98 | 10   | 0.65 | 661  | 2    | 0.02 | 18 | 860  | 20 | <5 | <20 | 25   | 0.10 | <10 | 64  | <10 | 22 | 83  |
| 563   | L26N 41+00 | E       | <5 | <0.2 | 2.88 | <5 | 90  | 10   | 0.23 | <1 | 17 | 42  | 27   | 4.07 | <10  | 0.74 | 586  | 1    | 0.01 | 18 | 1220 | 22 | <5 | <20 | 19   | 0.14 | <10 | 70  | <10 | 5  | 79  |

QC DATA:

| Repeat: |            |       |   |    |      |      |    |     |    |      |    |    |     |     |      |     |      |      |    |      |    |      |    |    |     |    |      |     |     |     |    |     |
|---------|------------|-------|---|----|------|------|----|-----|----|------|----|----|-----|-----|------|-----|------|------|----|------|----|------|----|----|-----|----|------|-----|-----|-----|----|-----|
| 1       | B/L 32+00E | 18+00 | N | <5 | 0.4  | 2.74 | <5 | 175 | 10 | 0.49 | 3  | 29 | 82  | 42  | 5.25 | <10 | 1.13 | 1223 | 3  | 0.02 | 40 | 2280 | 22 | <5 | <20 | 26 | 0.14 | <10 | 120 | <10 | <1 | 251 |
| 10      | B/L 32+00E | 20+25 | N | <5 | 0.4  | 2.92 | <5 | 115 | 10 | 0.75 | 2  | 27 | 83  | 55  | 5.18 | <10 | 0.77 | 1080 | <1 | 0.02 | 33 | 1260 | 30 | <5 | 20  | 41 | 0.25 | <10 | 112 | <10 | 14 | 131 |
| 19      | B/L 32+00E | 22+50 | N | <5 | <0.2 | 2.97 | <5 | 115 | 5  | 0.82 | 2  | 26 | 91  | 63  | 5.02 | <10 | 1.03 | 750  | 2  | 0.02 | 36 | 810  | 20 | <5 | <20 | 45 | 0.19 | <10 | 103 | <10 | 8  | 130 |
| 28      | B/L 32+00E | 24+75 | N | <5 | <0.2 | 2.86 | <5 | 85  | 10 | 0.55 | <1 | 18 | 53  | 25  | 4.73 | <10 | 0.57 | 602  | 2  | 0.02 | 21 | 2290 | 22 | <5 | 20  | 24 | 0.16 | <10 | 107 | <10 | 3  | 121 |
| 36      | L18N       | 27+00 | E | <5 | 0.4  | 3.32 | <5 | 255 | 10 | 0.59 | 11 | 24 | 47  | 41  | 5.39 | <10 | 1.17 | 1856 | 4  | 0.02 | 59 | 2130 | 26 | <5 | <20 | 53 | 0.18 | <10 | 107 | <10 | 8  | 530 |
| 45      | L18N       | 29+25 | E | <5 | <0.2 | 3.25 | <5 | 190 | 10 | 0.65 | 3  | 23 | 78  | 38  | 4.94 | <10 | 0.92 | 1025 | 1  | 0.02 | 39 | 2270 | 34 | <5 | <20 | 40 | 0.20 | <10 | 103 | <10 | 4  | 269 |
| 54      | L18N       | 31+50 | E | <5 | <0.2 | 3.43 | 5  | 160 | 5  | 0.92 | 2  | 25 | 77  | 54  | 4.96 | <10 | 0.88 | 915  | <1 | 0.02 | 39 | 1870 | 24 | <5 | <20 | 56 | 0.21 | <10 | 110 | <10 | 5  | 157 |
| 63      | L18N       | 34+00 | E | <5 | 0.2  | 4.27 | 10 | 165 | <5 | 0.61 | 2  | 29 | 115 | 123 | 5.54 | <10 | 1.24 | 1101 | 1  | 0.02 | 83 | 1900 | 32 | <5 | <20 | 31 | 0.24 | <10 | 114 | <10 | 8  | 355 |
| 71      | L18N       | 36+25 | E | <5 | 0.2  | 3.58 | 15 | 160 | 10 | 0.41 | 3  | 21 | 61  | 34  | 4.14 | <10 | 0.77 | 1221 | <1 | 0.03 | 25 | 3860 | 16 | <5 | <20 | 26 | 0.16 | <10 | 81  | <10 | 3  | 292 |
| 80      | L18N       | 38+50 | E | <5 | <0.2 | 3.41 | 10 | 170 | 10 | 0.47 | 2  | 25 | 84  | 45  | 5.08 | <10 | 1.12 | 887  | <1 | 0.03 | 39 | 3230 | 14 | <5 | <20 | 43 | 0.17 | <10 | 113 | <10 | 3  | 219 |
| 89      | L18N       | 40+75 | E | 5  | <0.2 | 3.59 | 10 | 175 | 5  | 0.31 | 3  | 21 | 57  | 34  | 4.15 | <10 | 0.79 | 1319 | <1 | 0.02 | 25 | 2590 | 16 | <5 | <20 | 25 | 0.16 | <10 | 86  | <10 | 3  | 202 |
| 98      | L19N       | 27+75 | E | <5 | <0.2 | 3.80 | <5 | 210 | 10 | 0.57 | 3  | 23 | 53  | 43  | 5.18 | <10 | 0.98 | 1248 | 2  | 0.02 | 39 | 1570 | 18 | <5 | <20 | 53 | 0.21 | <10 | 116 | <10 | 7  | 269 |
| 106     | L19N       | 29+75 | E | <5 | <0.2 | 3.00 | 5  | 210 | 5  | 0.69 | 3  | 25 | 89  | 49  | 5.02 | <10 | 1.35 | 1125 | <1 | 0.02 | 36 | 2390 | 14 | <5 | <20 | 55 | 0.15 | <10 | 119 | <10 | 5  | 178 |
| 115     | L19N       | 32+25 | E | <5 | <0.2 | 2.88 | 10 | 85  | <5 | 0.43 | 1  | 25 | 95  | 69  | 5.17 | <10 | 1.38 | 763  | 4  | 0.02 | 36 | 1670 | 14 | <5 | <20 | 31 | 0.12 | <10 | 128 | <10 | 2  | 150 |
| 124     | L19N       | 34+50 | E | <5 | <0.2 | 3.61 | 5  | 155 | <5 | 0.54 | 2  | 24 | 73  | 51  | 5.05 | <10 | 1.12 | 1635 | <1 | 0.03 | 38 | 1910 | 32 | <5 | <20 | 40 | 0.20 | <10 | 112 | <10 | 10 | 207 |

| Et #.           | Tag # |       | Au(ppb) | Ag | Al % | As   | Ba | Bi  | Ca % | Cd   | Co | Cr | Cu  | Fe % | La   | Mg % | Mn   | Mo   | Na % | Ni    | P  | Pb   | Sb | Sn | Sr  | Tl % | U    | V   | W   | Y   | Zn |     |
|-----------------|-------|-------|---------|----|------|------|----|-----|------|------|----|----|-----|------|------|------|------|------|------|-------|----|------|----|----|-----|------|------|-----|-----|-----|----|-----|
| <b>QC DATA:</b> |       |       |         |    |      |      |    |     |      |      |    |    |     |      |      |      |      |      |      |       |    |      |    |    |     |      |      |     |     |     |    |     |
| <i>Repeat:</i>  |       |       |         |    |      |      |    |     |      |      |    |    |     |      |      |      |      |      |      |       |    |      |    |    |     |      |      |     |     |     |    |     |
| 133             | L19N  | 36+75 | E       | <5 | <0.2 | 2.96 | <5 | 260 | 5    | 0.70 | 2  | 23 | 89  | 39   | 4.77 | <10  | 1.33 | 1779 | <1   | 0.02  | 48 | 1950 | 30 | <5 | <20 | 53   | 0.27 | <10 | 97  | <10 | 3  | 140 |
| 141             | L19N  | 38+75 | E       | <5 | <0.2 | 3.49 | 5  | 115 | 5    | 0.46 | <1 | 20 | 66  | 38   | 4.30 | <10  | 0.79 | 575  | <1   | 0.02  | 26 | 1380 | 18 | <5 | <20 | 29   | 0.20 | <10 | 94  | <10 | 4  | 122 |
| 150             | L19N  | 41+00 | E       | <5 | <0.2 | 3.47 | <5 | 135 | <5   | 0.53 | 2  | 21 | 66  | 39   | 4.01 | <10  | 0.66 | 705  | <1   | 0.03  | 27 | 5050 | 16 | <5 | <20 | 26   | 0.17 | <10 | 87  | <10 | 4  | 132 |
| 159             | L20N  | 28+00 | E       | <5 | <0.2 | 3.81 | <5 | 90  | <5   | 0.87 | 1  | 20 | 83  | 47   | 4.71 | <10  | 0.69 | 401  | <1   | 0.03  | 25 | 1260 | 14 | <5 | <20 | 52   | 0.24 | <10 | 99  | <10 | 7  | 110 |
| 168             | L20N  | 30+25 | E       | <5 | <0.2 | 3.57 | 10 | 155 | <5   | 0.28 | 4  | 18 | 50  | 26   | 3.77 | <10  | 0.52 | 962  | <1   | 0.03  | 23 | 3870 | 16 | <5 | <20 | 22   | 0.17 | <10 | 72  | <10 | 4  | 265 |
| 176             | L20N  | 32+50 | E       | <5 | <0.2 | 1.90 | <5 | 100 | 5    | 0.46 | 1  | 15 | 66  | 27   | 3.66 | <10  | 0.52 | 485  | <1   | 0.01  | 19 | 2550 | 16 | <5 | <20 | 30   | 0.13 | <10 | 70  | <10 | <1 | 85  |
| 185             | L20N  | 34+75 | E       | <5 | 2.2  | 2.71 | 10 | 100 | <5   | 0.67 | 3  | 21 | 84  | 169  | 3.93 | 10   | 0.71 | 1056 | <1   | 0.02  | 29 | 970  | 16 | <5 | <20 | 38   | 0.11 | <10 | 83  | <10 | 34 | 131 |
| 194             | L20N  | 37+25 | E       | <5 |      |      |    |     |      |      |    |    |     |      |      |      |      |      |      |       |    |      |    |    |     |      |      |     |     |     |    |     |
| 203             | L20N  | 39+50 | E       | <5 |      |      |    |     |      |      |    |    |     |      |      |      |      |      |      |       |    |      |    |    |     |      |      |     |     |     |    |     |
| 211             | L21N  | 26+75 | E       | <5 | <0.2 | 3.55 | <5 | 295 | 10   | 0.47 | 6  | 26 | 60  | 44   | 5.11 | <10  | 1.20 | 1420 | 4    | <0.01 | 66 | 2170 | 30 | 5  | <20 | 38   | 0.21 | <10 | 107 | <10 | 4  | 376 |
| 220             | L21N  | 29+00 | E       | <5 | 0.6  | 3.48 | 20 | 315 | 10   | 0.44 | 4  | 27 | 58  | 42   | 4.84 | <10  | 1.19 | 1336 | 2    | <0.01 | 61 | 3900 | 32 | 5  | <20 | 46   | 0.24 | <10 | 83  | <10 | <1 | 449 |
| 229             | L21N  | 31+50 | E       | <5 | <0.2 | 2.79 | <5 | 90  | <5   | 0.53 | 1  | 20 | 58  | 40   | 3.78 | <10  | 0.61 | 1071 | <1   | 0.02  | 27 | 1400 | 30 | <5 | <20 | 27   | 0.16 | <10 | 66  | <10 | 3  | 156 |
| 239             | L21N  | 34+25 | E       | <5 | 0.2  | 3.24 | 10 | 120 | <5   | 0.43 | 1  | 22 | 96  | 37   | 4.68 | <10  | 0.67 | 385  | 2    | 0.01  | 36 | 790  | 28 | <5 | 20  | 24   | 0.17 | <10 | 93  | <10 | 4  | 112 |
| 246             | L21N  | 36+00 | E       | <5 | <0.2 | 3.25 | <5 | 160 | 10   | 0.49 | 4  | 23 | 83  | 40   | 4.50 | <10  | 0.98 | 879  | 1    | 0.02  | 34 | 1600 | 18 | 10 | <20 | 47   | 0.26 | <10 | 97  | <10 | 4  | 146 |
| 255             | L21N  | 38+25 | E       | <5 | <0.2 | 3.52 | 10 | 185 | 10   | 0.52 | 3  | 24 | 82  | 50   | 4.98 | <10  | 1.33 | 772  | 3    | 0.02  | 41 | 1810 | 18 | 10 | <20 | 48   | 0.23 | <10 | 122 | <10 | 6  | 166 |
| 264             | L21N  | 40+50 | E       | <5 | <0.2 | 3.51 | <5 | 190 | 10   | 0.28 | 3  | 18 | 43  | 25   | 3.97 | <10  | 0.70 | 1493 | 2    | 0.01  | 25 | 2260 | 22 | 5  | <20 | 28   | 0.21 | <10 | 78  | <10 | 3  | 193 |
| 273             | L22N  | 27+50 | E       | <5 | <0.2 | 3.97 | 5  | 110 | 10   | 0.27 | 1  | 17 | 55  | 36   | 3.76 | <10  | 0.64 | 696  | 4    | 0.02  | 23 | 2890 | 24 | 5  | <20 | 20   | 0.23 | <10 | 78  | <10 | 5  | 102 |
| 281             | L22N  | 29+50 | E       | <5 | 1.4  | 3.61 | <5 | 125 | 15   | 0.40 | 20 | 23 | 56  | 40   | 4.78 | <10  | 1.47 | 1231 | 5    | 0.02  | 45 | 1920 | 22 | 10 | <20 | 38   | 0.21 | <10 | 97  | <10 | 3  | 689 |
| 290             | L22N  | 31+75 | E       | <5 | <0.2 | 3.41 | <5 | 105 | 10   | 0.52 | 2  | 21 | 67  | 31   | 4.37 | <10  | 0.63 | 734  | 2    | 0.03  | 26 | 2540 | 22 | 5  | <20 | 30   | 0.24 | <10 | 88  | <10 | 4  | 99  |
| 299             | L22N  | 34+25 | E       | <5 | 0.2  | 2.91 | <5 | 95  | 5    | 0.52 | <1 | 20 | 81  | 40   | 4.15 | <10  | 0.70 | 568  | <1   | 0.02  | 22 | 1760 | 16 | <5 | <20 | 32   | 0.22 | <10 | 87  | <10 | 3  | 98  |
| 308             | L22N  | 36+50 | E       | <5 | <0.2 | 2.95 | <5 | 105 | <5   | 0.39 | 2  | 30 | 128 | 83   | 5.67 | <10  | 1.57 | 507  | 4    | 0.01  | 51 | 1360 | 18 | 5  | <20 | 32   | 0.24 | <10 | 124 | <10 | <1 | 212 |
| 316             | L22N  | 38+50 | E       | <5 | <0.2 | 3.14 | 10 | 225 | 10   | 0.58 | 3  | 24 | 83  | 41   | 4.93 | <10  | 1.23 | 1078 | 4    | 0.02  | 42 | 2470 | 18 | 15 | <20 | 51   | 0.21 | <10 | 116 | <10 | 2  | 164 |
| 325             | L22N  | 40+75 | E       | <5 | 0.4  | 3.28 | <5 | 240 | 10   | 0.36 | 2  | 16 | 29  | 17   | 3.54 | <10  | 0.41 | 2649 | 1    | 0.01  | 14 | 4260 | 22 | <5 | <20 | 40   | 0.18 | <10 | 56  | <10 | 2  | 151 |
| 334             | L23N  | 27+75 | E       | <5 | 0.4  | 3.93 | 5  | 135 | 15   | 0.23 | 2  | 17 | 44  | 26   | 4.05 | <10  | 0.59 | 808  | 4    | 0.02  | 20 | 2940 | 24 | 10 | <20 | 22   | 0.28 | <10 | 83  | <10 | 6  | 109 |
| 343             | L23N  | 30+00 | E       | <5 | 0.6  | 3.18 | 10 | 130 | <5   | 0.72 | 7  | 24 | 60  | 47   | 4.67 | <10  | 1.00 | 1537 | 6    | 0.02  | 56 | 1430 | 24 | 20 | <20 | 52   | 0.25 | <10 | 88  | <10 | 9  | 693 |
| 351             | L23N  | 32+25 | E       | <5 | 0.4  | 2.86 | <5 | 130 | 10   | 0.38 | 2  | 20 | 65  | 34   | 4.22 | <10  | 0.62 | 909  | 1    | 0.02  | 22 | 2200 | 16 | <5 | <20 | 30   | 0.26 | <10 | 81  | <10 | 5  | 164 |
| 360             | L23N  | 34+50 | E       | <5 | 0.2  | 3.54 | 10 | 100 | 10   | 0.45 | 2  | 26 | 91  | 39   | 5.21 | <10  | 1.17 | 506  | 3    | 0.02  | 34 | 1240 | 16 | 5  | <20 | 36   | 0.30 | <10 | 129 | <10 | 4  | 204 |
| 369             | L23N  | 36+75 | E       | <5 | 0.6  | 3.37 | <5 | 150 | 10   | 0.54 | 3  | 30 | 86  | 50   | 5.28 | <10  | 1.21 | 896  | 5    | 0.01  | 46 | 2160 | 20 | 15 | <20 | 40   | 0.26 | <10 | 109 | <10 | 5  | 188 |
| 378             | L23N  | 39+00 | E       | <5 | 0.2  | 2.42 | <5 | 95  | 5    | 0.46 | 3  | 23 | 90  | 55   | 5.09 | <10  | 1.51 | 585  | 5    | 0.01  | 35 | 1020 | 14 | 15 | <20 | 38   | 0.16 | <10 | 123 | <10 | 3  | 194 |
| 386             | L23N  | 41+00 | E       | <5 | 0.4  | 2.90 | <5 | 170 | 10   | 0.38 | 1  | 22 | 47  | 42   | 4.32 | <10  | 0.72 | 1592 | 2    | 0.02  | 21 | 1120 | 26 | 10 | <20 | 34   | 0.25 | <10 | 71  | <10 | 11 | 84  |

| Et #.            | Tag # |       | Au(ppb) | Ag  | Al % | As   | Ba | Bi  | Ca % | Cd   | Co | Cr | Cu  | Fe % | La   | Mg % | Mn   | Mo   | Na % | Ni   | P  | Pb   | Sb | Sn | Sr  | Ti % | U    | V   | W   | Y   | Zn |     |
|------------------|-------|-------|---------|-----|------|------|----|-----|------|------|----|----|-----|------|------|------|------|------|------|------|----|------|----|----|-----|------|------|-----|-----|-----|----|-----|
| <b>QC DATA:</b>  |       |       |         |     |      |      |    |     |      |      |    |    |     |      |      |      |      |      |      |      |    |      |    |    |     |      |      |     |     |     |    |     |
| <b>Repeat:</b>   |       |       |         |     |      |      |    |     |      |      |    |    |     |      |      |      |      |      |      |      |    |      |    |    |     |      |      |     |     |     |    |     |
| 395              | L24N  | 28+00 | E       | <5  | 0.4  | 3.36 | <5 | 135 | 5    | 0.34 | 2  | 19 | 65  | 40   | 4.44 | <10  | 0.90 | 1984 | 4    | 0.02 | 27 | 2000 | 20 | 5  | <20 | 32   | 0.27 | <10 | 100 | <10 | 6  | 127 |
| 404              | L24N  | 30+25 | E       | <5  | 0.4  | 2.54 | <5 | 105 | 10   | 0.58 | 2  | 20 | 75  | 39   | 4.46 | <10  | 0.75 | 725  | 1    | 0.02 | 25 | 1670 | 16 | 5  | <20 | 39   | 0.27 | <10 | 94  | <10 | 4  | 98  |
| 413              | L24N  | 32+75 | E       | <5  | <0.2 | 3.70 | 10 | 90  | 5    | 0.50 | 1  | 21 | 67  | 29   | 4.21 | <10  | 0.52 | 471  | 5    | 0.02 | 23 | 2320 | 18 | 15 | <20 | 31   | 0.24 | <10 | 89  | <10 | 4  | 101 |
| 421              | L24N  | 35+00 | E       | <5  | 0.4  | 3.68 | 5  | 135 | 5    | 0.32 | 3  | 25 | 95  | 51   | 4.89 | <10  | 0.98 | 445  | 10   | 0.01 | 38 | 1940 | 18 | 70 | <20 | 27   | 0.18 | <10 | 103 | <10 | 4  | 119 |
| 430              | L24N  | 37+25 | E       | <5  | 0.4  | 2.50 | 5  | 190 | 10   | 0.61 | 2  | 27 | 99  | 44   | 5.04 | <10  | 1.20 | 1164 | 2    | 0.02 | 33 | 1510 | 16 | 5  | <20 | 61   | 0.21 | <10 | 113 | <10 | 1  | 128 |
| 439              | L24N  | 39+50 | E       | <5  | 0.8  | 2.84 | <5 | 130 | 15   | 0.27 | 2  | 25 | 56  | 46   | 4.96 | <10  | 0.79 | 975  | 2    | 0.01 | 26 | 1440 | 24 | 5  | <20 | 26   | 0.22 | <10 | 78  | <10 | 4  | 147 |
| 448              | L25N  | 26+50 | E       | <5  | 0.2  | 4.57 | 10 | 115 | 10   | 0.44 | 5  | 19 | 27  | 44   | 4.52 | <10  | 0.77 | 1093 | 8    | 0.01 | 29 | 1940 | 24 | 15 | <20 | 34   | 0.18 | <10 | 85  | <10 | 9  | 263 |
| 456              | L25N  | 28+50 | E       | <5  | 0.4  | 3.14 | <5 | 185 | 5    | 0.76 | 3  | 23 | 64  | 63   | 4.50 | <10  | 0.77 | 1279 | 2    | 0.03 | 28 | 2460 | 16 | 5  | <20 | 49   | 0.21 | <10 | 95  | <10 | 7  | 143 |
| 465              | L25N  | 30+75 | E       | <5  | <0.2 | 3.25 | <5 | 105 | 10   | 0.57 | 2  | 22 | 67  | 35   | 4.43 | <10  | 0.59 | 990  | 6    | 0.03 | 27 | 1790 | 20 | 5  | <20 | 31   | 0.21 | <10 | 95  | <10 | 4  | 74  |
| 474              | L25N  | 33+50 | E       | <5  | 0.2  | 2.70 | <5 | 110 | 15   | 0.52 | <1 | 20 | 104 | 34   | 4.78 | <10  | 0.79 | 897  | <1   | 0.02 | 25 | 1790 | 22 | <5 | <20 | 42   | 0.25 | <10 | 99  | <10 | 2  | 99  |
| 483              | L25N  | 35+75 | E       | <5  | 0.8  | 3.07 | 20 | 135 | 10   | 0.21 | 3  | 32 | 75  | 50   | 5.43 | <10  | 1.17 | 1615 | 5    | 0.01 | 43 | 1120 | 22 | 10 | <20 | 19   | 0.22 | <10 | 115 | <10 | 2  | 313 |
| 491              | L25N  | 37+75 | E       | <5  | 1.2  | 4.25 | 25 | 180 | 5    | 0.34 | 6  | 34 | 60  | 67   | 5.06 | <10  | 1.11 | 1348 | 8    | 0.01 | 46 | 3300 | 34 | 15 | <20 | 27   | 0.18 | <10 | 117 | <10 | 18 | 283 |
| 500              | L25N  | 40+00 | E       | <5  | 0.2  | 3.61 | <5 | 130 | 10   | 0.32 | 2  | 19 | 65  | 42   | 4.53 | <10  | 0.77 | 851  | 4    | 0.01 | 25 | 2300 | 24 | 5  | <20 | 25   | 0.20 | <10 | 82  | <10 | 6  | 96  |
| 509              | L26N  | 27+25 | E       | <5  | 0.2  | 2.68 | <5 | 90  | 10   | 0.73 | 2  | 18 | 81  | 31   | 4.34 | <10  | 0.67 | 604  | 2    | 0.03 | 26 | 1910 | 16 | <5 | <20 | 31   | 0.23 | <10 | 101 | <10 | 5  | 108 |
| 518              | L26N  | 29+50 | E       | <5  | 0.4  | 2.90 | <5 | 110 | 10   | 0.48 | 2  | 26 | 75  | 43   | 4.69 | <10  | 0.70 | 1208 | 4    | 0.02 | 25 | 900  | 22 | 5  | <20 | 35   | 0.26 | <10 | 98  | <10 | 11 | 87  |
| 526              | L26N  | 31+50 | E       | <5  | 0.2  | 2.50 | <5 | 115 | 10   | 0.65 | 2  | 20 | 89  | 39   | 4.46 | <10  | 0.63 | 807  | 2    | 0.02 | 23 | 1110 | 16 | <5 | <20 | 42   | 0.25 | <10 | 97  | <10 | 4  | 104 |
| 535              | L26N  | 34+00 | E       | <5  | 0.4  | 3.28 | <5 | 110 | 10   | 0.41 | 1  | 22 | 86  | 40   | 4.67 | <10  | 0.79 | 471  | 1    | 0.02 | 28 | 1480 | 22 | <5 | <20 | 34   | 0.27 | <10 | 100 | <10 | 5  | 143 |
| 544              | L26N  | 36+25 | E       | <5  | 1.2  | 4.10 | 5  | 105 | 10   | 0.21 | 3  | 29 | 88  | 71   | 5.59 | <10  | 1.47 | 867  | 4    | 0.01 | 59 | 1590 | 24 | 5  | <20 | 19   | 0.23 | <10 | 116 | <10 | 8  | 298 |
| 553              | L26N  | 38+50 | E       | <5  | 0.6  | 2.64 | <5 | 125 | 10   | 0.43 | 3  | 25 | 101 | 39   | 5.12 | <10  | 1.35 | 742  | 4    | 0.01 | 41 | 1700 | 18 | <5 | <20 | 37   | 0.18 | <10 | 117 | <10 | 1  | 196 |
| 561              | L26N  | 40+50 | E       | <5  | 0.2  | 2.61 | <5 | 120 | 5    | 0.53 | 1  | 19 | 41  | 39   | 3.52 | <10  | 0.61 | 1495 | <1   | 0.02 | 20 | 830  | 20 | <5 | <20 | 30   | 0.09 | <10 | 56  | <10 | 16 | 80  |
| <b>Standard:</b> |       |       |         |     |      |      |    |     |      |      |    |    |     |      |      |      |      |      |      |      |    |      |    |    |     |      |      |     |     |     |    |     |
| GEO'96           |       |       |         | 140 | 1.0  | 1.86 | 70 | 170 | <5   | 1.92 | 1  | 21 | 69  | 70   | 4.40 | <10  | 1.09 | 722  | 4    | 0.02 | 20 | 670  | 24 | 5  | <20 | 51   | 0.10 | <10 | 85  | <10 | 9  | 70  |
| GEO'96           |       |       |         | 145 | 1.0  | 1.96 | 65 | 145 | 5    | 2.01 | <1 | 22 | 72  | 73   | 4.01 | <10  | 1.13 | 738  | 2    | 0.02 | 22 | 670  | 20 | 10 | <20 | 55   | 0.12 | <10 | 90  | <10 | 7  | 72  |
| GEO'96           |       |       |         | 150 | 1.0  | 2.01 | 65 | 145 | <5   | 1.90 | <1 | 20 | 68  | 76   | 4.26 | <10  | 1.06 | 706  | <1   | 0.03 | 25 | 650  | 16 | 5  | <20 | 60   | 0.15 | <10 | 87  | <10 | 10 | 72  |
| GEO'96           |       |       |         | 150 | 0.8  | 2.01 | 70 | 160 | <5   | 1.89 | <1 | 20 | 68  | 76   | 4.23 | <10  | 1.04 | 707  | <1   | 0.03 | 22 | 650  | 16 | <5 | <20 | 62   | 0.15 | <10 | 87  | <10 | 10 | 74  |
| GEO'96           |       |       |         | 145 | 0.6  | 2.02 | 65 | 145 | <5   | 1.89 | <1 | 20 | 68  | 76   | 4.22 | <10  | 1.05 | 708  | 2    | 0.03 | 20 | 650  | 16 | 15 | <20 | 62   | 0.14 | <10 | 87  | <10 | 10 | 65  |
| GEO'96           |       |       |         | 140 | 1.4  | 1.74 | 65 | 160 | <5   | 1.86 | <1 | 19 | 64  | 80   | 3.93 | <10  | 0.96 | 652  | 3    | 0.01 | 25 | 630  | 22 | 15 | <20 | 56   | 0.11 | <10 | 70  | <10 | 8  | 68  |
| GEO'96           |       |       |         | 150 | 1.8  | 1.91 | 65 | 160 | <5   | 1.85 | 2  | 20 | 66  | 73   | 4.18 | <10  | 1.12 | 689  | 2    | 0.03 | 20 | 630  | 20 | 5  | <20 | 61   | 0.10 | <10 | 84  | <10 | 7  | 64  |
| GEO'96           |       |       |         | 150 | 1.6  | 1.92 | 70 | 145 | <5   | 1.86 | 2  | 20 | 66  | 74   | 4.21 | <10  | 1.13 | 691  | 1    | 0.03 | 22 | 640  | 20 | 5  | <20 | 61   | 0.12 | <10 | 85  | <10 | 8  | 64  |
| GEO'96           |       |       |         | 150 | 1.2  | 1.96 | 70 | 145 | 10   | 1.86 | 2  | 20 | 66  | 76   | 4.22 | <10  | 1.12 | 697  | 2    | 0.03 | 22 | 640  | 24 | 5  | <20 | 64   | 0.12 | <10 | 85  | <10 | 8  | 63  |
| GEO'96           |       |       |         | 150 | 1.4  | 1.98 | 70 | 150 | 5    | 1.89 | 2  | 20 | 68  | 77   | 4.28 | <10  | 1.06 | 707  | 2    | 0.03 | 20 | 660  | 20 | 5  | <20 | 66   | 0.10 | <10 | 87  | <10 | 9  | 65  |



**APPENDIX B**  
**REPORT OF FIELD GEOLOGY INVESTIGATIONS**

on the

**MAMMOTH PROPERTY**

**SOUTHEASTERN B.C.**

Prepared for

**Rossmin Explorations Ltd.**

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