

**SAIL PROPERTY**

**1996 ASSESSMENT REPORT**

**SAIL 1 TO 6 MINERAL CLAIMS**

**GEOLOGICAL MAPPING AND SOIL SAMPLING SURVEYS**

**DATES WORKED: AUGUST 24 TO AUGUST 29, 1996**

**LIARD MINING DIVISION**

**NTS MAP AREAS 104I/15**

**LATITUDE 58° 47'00" N, LONGITUDE 128° 45'00" W**

**CLAIM OWNER**

**WESTMIN RESOURCES LIMITED**

**OPERATOR**

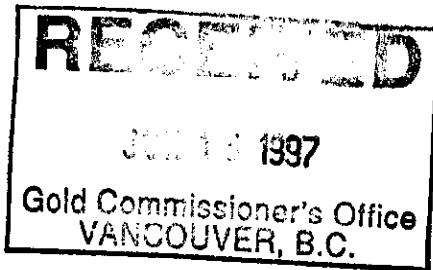
**WESTMIN RESOURCES LIMITED**

**REPORT BY**

**MURRAY I. JONES, M.Sc., P. Geo.**

**WESTMIN RESOURCES LIMITED**

**APRIL, 1997**



25,045

## TABLE OF CONTENTS

	<b>Page</b>
1.0 SUMMARY .....	1
2.0 INTRODUCTION.....	1
2.1 Geography, Physiography and Access.....	1
2.2 Property Description.....	3
2.3 Exploration History .....	3
2.4 Summary of the 1996 Program.....	5
3.0 GEOLOGY.....	5
3.1 Regional Geology .....	5
3.2 Property Geology .....	6
3.3 Structure.....	7
3.4 Mineralization.....	7
4.0 SOIL GEOCHEMICAL SURVEY.....	9
4.1 Scope of Sampling.....	9
4.2 Soil Results.....	9
4.3 Silt Results.....	10
5.0 CONCLUSIONS.....	10
6.0 RECOMMENDATIONS .....	11
7.0 REFERENCES.....	12

## LIST OF APPENDICES

### Appendix

- A Statement of Qualifications
- B Statement of Expenditures
- C Rock Sample Descriptions
- D Analytical Results, Rock Samples
- E Analytical Results, Soil Samples
- F Analytical Results, Silt Samples

## LIST OF FIGURES

<b>Figure</b>		<b>Page</b>
1	Location Map.....	2
2	Claim Map .....	4
3	Property Geology.....	(Back Pocket)
4	Rock and Silt Geochemistry, Sail Property	
	a) Zn Results .....	(Back Pocket)
	b) Pb Results .....	(Back Pocket)
	c) Cu Results.....	(Back Pocket)
5	Soil Geochemistry, Sail Property	
	a) Soil Sample Locations.....	(Back Pocket)
	b) Zn Results .....	(Back Pocket)
	c) Pb Results .....	(Back Pocket)
	d) Cu Results.....	(Back Pocket)

## 1.0 SUMMARY

A first pass exploration program was done on the Sail Property in the period August 24 to 29, 1996. This program consisted of geological mapping at a 1:10,000 scale in conjunction with extensive contour soil sampling.

The Sail Claims were staked to cover part of a supposed Devono-Mississippian package of rocks of volcanic and sedimentary origin. Moderately anomalous base metal results were detected in this area by the RGS survey done by the B.C. Geological Survey in 1995 (Jackaman, 1996). The property was examined with the intent of evaluating the potential for volcanogenic massive sulphide deposits.

The Sail Claims are underlain at least in part by the Rapid River Tectonite, part of the Sylvester Allochthon, which is largely oceanic in character. The rocks of the Sail Property are generally gneissic to schistose and precursor lithologies are difficult to determine. For the most part the property is underlain by mafic gneiss and quartzose meta-sedimentary rocks. There is some evidence that there are felsic volcanic rocks on the property but this needs to be examined further.

Soil and rock sampling have identified two areas of anomalous base metal concentrations. A significant lead-zinc anomaly is hosted in argillaceous sediments just southeast of the Sail 4 Claim. Values of up to 4000 ppm Pb and 1375 ppm Zn are found on two soil lines about 1 kilometre apart.

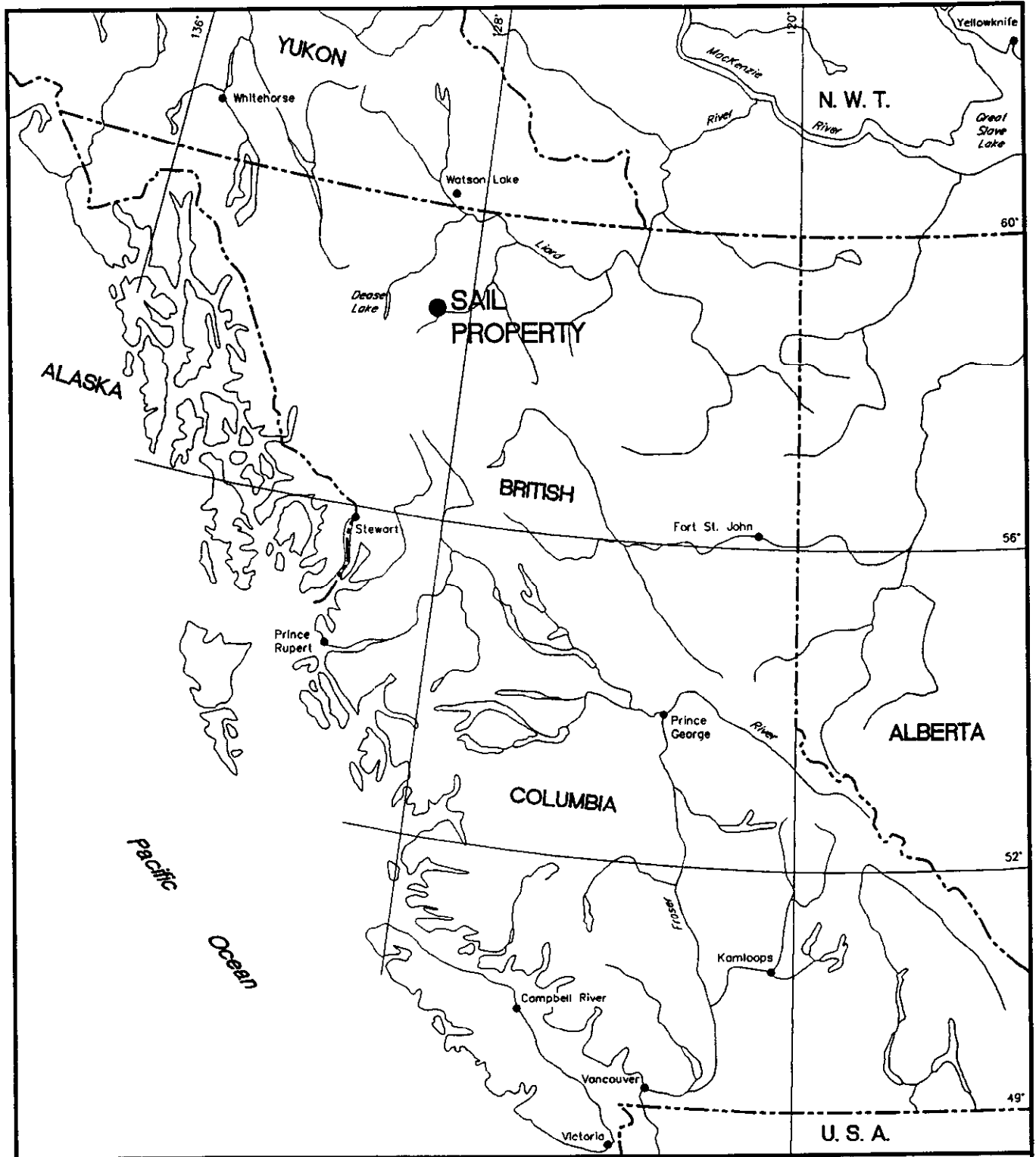
The most interesting results were found in a narrow, quartz-sericite-pyrite schist in the north part of the property. This schist returned up to 5.0 g/t Au in association with anomalous zinc, lead and copper. As well, a mineralized fault in this same area is mineralized over about 3 kilometres of strike length. The mineralization associated with this fault is narrow, poddy sphalerite, galena, chalcopyrite and pyrite. Precious metal values are uniformly low.

It is recommended that additional work be done to determine the nature of the mineralized quartz-sericite-pyrite schist on the Sail 6 Claim. Mapping and whole rock sampling should be done to characterize this significant occurrence. Some work may be done on the mineralized fault in this area to determine if there is any continuity or size to the mineralization beyond what has been observed to date. Additional staking should be done to cover the lead-zinc anomaly in argillite southeast of the property. The source of the strong soil anomalies in this area should be located and evaluated.

## 2.0 INTRODUCTION

### 2.1 Geography, Physiography and Access

The Sail Property is located approximately 10 kilometres east of the northern section of Cry Lake, approximately 65 kilometres east-southeast of the Stewart-Cassiar Highway (#37). The nearest centre is Dease Lake B.C., located 80 kilometres southwest of the property (Figure 1). The property lies within NTS 1:50,000 map sheet 104I/15, and is centred at approximately 58° 47' N latitude and 128° 45' W longitude. Direct access to the property can be gained by helicopter.



<b>Westmin Resources Limited</b>	
Work By M.I. & B.M. Date Drafted April 7, 1997 Drafted By J.M. Klein Date Revised  Revised By  N.T.S. Number  File Name SAIL_LOC.DWG	<b>BEALE PROJECT</b>  <b>SAIL PROPERTY</b> <b>LOCATION MAP</b>
75    0    75    150    225km 	Figure <b>1</b>
SCALE 1 : 7,500,000	

Elevations on the property range from about 1300 metres in the valley at the north boundary of the Sail 5 Claim to over 2200 metres on one peak in the south part of the property. Generally, the terrain consists of steep ridges with long, fairly broad cirque valleys. Treeline is at approximately 1400 metres with only patches of small trees, low spruce bush and alpine vegetation above that elevation.

## 2.2 Property Description

The property currently consists of 6 contiguous mineral claims totalling 120 units. The claims are shown on Figure 2 and are tabulated below. The expiry dates shown are those in effect prior to the current exploration work being applied as assessment.

The 1996 exploration program was operated by Westmin Resources Limited.

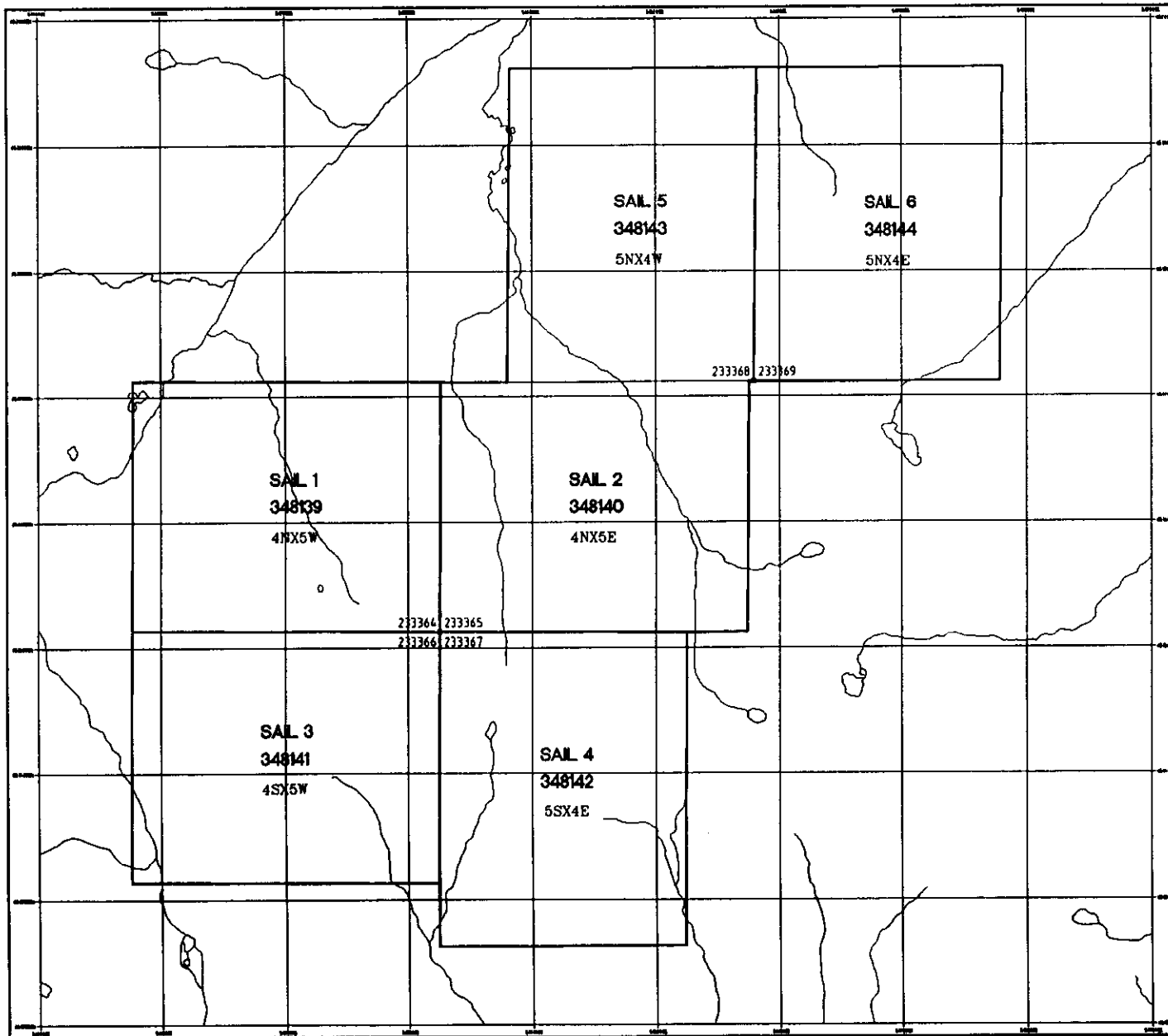
Claim Name	Record No.	Expiry Date	Owner
Sail 1	348139	July 2, 1997	Westmin Resources Limited
Sail 2	348140	July 2, 1997	Westmin Resources Limited
Sail 3	348141	July 2, 1997	Westmin Resources Limited
Sail 4	348142	July 2, 1997	Westmin Resources Limited
Sail 5	348143	July 2, 1997	Westmin Resources Limited
Sail 6	348144	July 2, 1997	Westmin Resources Limited

## 2.3 Exploration History

Exploration has been carried out in the northern Cry Lake map sheet area since the late 1800's. Several showings are known in the Rapid River Tectonite including the Au-Zn-Ag-Cu vein-hosted Nizi Showing, a polymetallic showing on Beale Mountain, and the GB Cu-Ni asbestos showing (B.C. Minfile Map 104I).

A quick search of assessment file records did not show any previous work on the ground covered by the Sail Claims.

The Nizi Property, 22 kilometres northwest of the Sail Property, has had several serious exploration efforts dating from the early 1970's. More recently, Goldfields Canadian Mining Ltd. did geological mapping and geochemical sampling and drilled several vein showings in the period 1991-92. In the summer of 1996 Madrona Mining Limited also drilled the property. Drill intercept values have varied widely but intersection such as 13.5 g/t Au, 146.8 g/t Ag, and 2.85% Zn over 3.0 metres and 1.16 g/t Au, 733.4 g/t Ag, and 7.8% Zn over 4.5 metres indicate significant mineralization is present (Wojdak, 1997).



Taken From:  
MINERAL TITLES REFERENCE  
MAP 104115E,W

MINING DIVISIONS: LIARD

**MINERAL TENURE**

—	MINERAL CLAIM
<b>SAIL 2</b>	CLAIM NAME
<b>348142</b>	TITLE NUMBER
233369	TAG NUMBER
■	LEGAL POST

 **Westmin Resources Limited**

Work By  
M.J. & B.W.  
Date Drafted  
April 8, 1997  
Drafted By  
J.M. Klein  
Date Revised  
  
Revised By

**BEALE PROJECT  
SAIL PROPERTY  
CLAIM MAP**

N.T.S. Number 1041/75	400 0 400 800 1200m	Figure
File Name sailcomp.dwg	SCALE 1 : 50,000	<b>2</b>

The area has been covered by regional stream sediment sampling (B.C.RGS-44, Jackaman, 1996) conducted by the provincial government in the 1995.

## 2.4 Summary of the 1996 Program

The 1996 exploration program consisted of 1:10,000 geological mapping, in conjunction with rock sampling, and contour soil sampling. This work was designed to follow up anomalous stream sediment samples from the government survey and an earlier regional sampling program conducted by Westmin Resources Limited in 1979. The program lasted from August 24-29, 1996. The program was supported by helicopter based in Dease Lake.

A total of 10 man/days were spent mapping and collecting a total of 43 rock samples (32 for Au plus multi-element geochemistry plus 4 assays, 11 for whole rock and trace element analysis) and 4 silt samples. Ten man/days were spent soil sampling collecting a total of 620 soil samples.

## 3.0 GEOLOGY

### 3.1 Regional Geology

The Sail Property is situated within the Rapid River Tectonite, part of the dominantly oceanic Sylvester Allochthon (Gabrielse, 1994; Gabrielse and Harms, 1989). The allochthon in the area of the Sail property includes tectonized meta-volcanic and meta-sedimentary rocks, including limestone, of possibly Upper Devonian to Mississippian age (K-Ar date of 358.8 $\pm$ 7.6 Ma on hornblende, Gabrielse, 1994), intruded by foliated granodiorite and gabbro bodies dated as Mississippian (K-Ar date on hornblende, 341 $\pm$ 7 Ma, Gabrielse, 1994). The volcanic and sedimentary rocks have been intruded by elongate, commonly serpentized peridotite and pyroxenite bodies. The rocks are generally characteristic of deeper oceanic environments with mafic rocks, including pillowed basalts, intermixed with chert, argillite and greywackes. Locally, there is evidence of tuffaceous, possibly intermediate to felsic, volcanic units and limestone (Gabrielse and Mansy, 1980). This package of oceanic rocks is cut by later felsic intrusions. These include possibly Cretaceous aged granite plugs, characterized by strong hornfels margins, and the Eocene Major Hart Pluton, a high level granite body.

In the area of the Sail Property, the dominant structural trend of the allochthon is northwest-southeast with variable dips. Overall, the Sylvester Allochthon consists of complexly faulted and lithologically distinct terranes. A basal fault separates the allochthon from underlying miogeoclinal Devonian strata (Gabrielse and Harms, 1989).

Rocks of the Sylvester Allochthon host the Nizi Occurrence which is situated 22 kilometres northwest of the Sail Property. The Nizi occurrence consists of Au-Zn-Ag-Cu mineralization hosted in quartz-barite-sphalerite veins, possibly associated with Permian igneous activity including rhyolite volcanism. Elsewhere in the Sylvester Allochthon, minor Ni-Cu mineralization is found associated with serpentinite and peridotite bodies.



### 3.2 Property Geology

The restricted nature of the exploration program on the Sail Property has produced only a general picture of the local geology (Figure 3). Most mapping was done on the higher ground where the rocks were best exposed. The rocks which underlie the Sail Property are generally strongly metamorphosed. The nature of the rocks makes correlation of units and development of a stratigraphic column untenable at this early stage of work. Recrystallization has affected the appearance of most rocks. As well, the chemistry of the rocks may have been substantially altered during the metamorphic events. For this reason, most whole rock chemistry described in this section deals with elements which are relatively immobile, such as zirconium and titanium.

Fine to coarse grained gneissic and schistose textures are common north of the Major Hart Pluton with most rocks being foliated. Hornfels is common at the contact of granitic bodies but is especially well developed around the smaller (Cretaceous?) plugs. The central area of the property is dominated by mafic to chloritic gneiss, a very extensive and relatively monotonous unit. This rock is characterized by chlorite, biotite and hornblende in a feldspathic matrix and locally contains magnetite or quartz. The mafic gneiss is commonly gossanous, especially near the contact with the later intrusions.

The north part of the property, on the Sail 5 and 6 Claims is underlain by a mixture of mafic and quartz-biotite gneiss and some minor felsic volcanic units (textures?), including quartz-sericite-pyrite schist. The quartz and quartz-biotite gneiss units are likely meta-sedimentary rocks, evident in their combined low Zr and  $\text{TiO}_2$  content. The felsic volcanic rocks have quite a different chemical signature characterized by  $\text{SiO}_2$  in the 70 wt% range, Zr greater than 200 ppm, and low  $\text{TiO}_2$  in the 0.3-0.4 wt% range.

The most obvious units in the north area are several elongate peridotite and serpentinite bodies. These ultramafic bodies are oriented northwest-southeast, parallel to the regional structural trend. These intrusive bodies have a cross-cutting relationship with the surrounding rocks although locally they lie sub-parallel to foliation. The peridotite is massive, weakly serpentinized, and stands out quite well in outcrop due to its orange weathering characteristics. The serpentinite bodies probably represent completely altered peridotite and are normally strongly sheared with anastomosing slickenslided surfaces throughout.

South of the Major Hart Pluton, the volcanic and sedimentary rocks are much less tectonized. A section of intermediate volcanic rocks with interlayered argillite occurs along the south contact of the pluton. Lapilli and other primary textures are easily distinguishable in these rocks despite some foliation. The chemistry of the volcanic rocks confirms their igneous character and indicates a fairly evolved unit with greater than 200 ppm Zr combined with  $\text{TiO}_2$  greater than 1.0 wt% (unlike the felsic volcanic rocks in the north part of the property) and about 60 wt%  $\text{SiO}_2$ . This volcanic unit is bounded on the south by a wide section of argillite which is locally graphitic.

### 3.3 Structure

S<sub>1</sub> foliation measurements show that the structural orientation of rocks on the Sail Property varies from area to area. The predominant orientation in the central part of the property is consistent with the regional trend, roughly northwest-southeast with variable dips. The trend of foliation is locally disrupted, commonly around granite plugs or ultramafic bodies.

South of the Major Hart Pluton, foliation is less intense and is generally oriented in a rough east-west direction with steep to moderate north dips. The units are cut off at the pluton which has a sub-vertical contact.

Structure is much more complicated in the north part of the property with quite heterogeneous foliation orientations. The lithologic units follow a general northwest-southeast trend, with local deviations common. Measurements of minor fold hinges show several different plunge directions reflecting the structural inhomogeneity.

The major valleys on the Sail 2 and 4 Claims are likely following a set of large north-south oriented faults. The continuation of one of these faults can be seen in the far north cirque, along the boundary between Sail 5 and 6 Claims. Several small faults have been mapped on the property which have various orientations. In addition, there has been some movement along the contact of the Major Hart Pluton resulting in offset of the intrusive contact locally.

### 3.4 Alteration and Mineralization

Significant mineralization was located in several places on the Sail Property. The rock samples discussed below are located on Figure and their results can be found on Figures 4a to 4c.

Alteration is not obvious in the area south of the Major Hart Pluton other than gossanous hornfels along the intrusive contact. No significant mineralization was found relating to the hornfels.

South of the intrusion, stringers of galena and sphalerite were found in argillite, just southeast of Sail 4, near the contact with intermediate volcanic rocks and several hundred metres south of the contact. The mineralization to the south is traceable geochemically for over 1 kilometre (see Section 4.2 Soil results). Significant assays are summarized in the following table.

Sample	Pb	Zn	Cu	Ag	Au
530416	1.11 %	0.30 %	171 ppm	24.8 g/t	30 ppb
530417	570 ppm	0.14 %	59 ppm	1.8 g/t	<5 ppb
530418	1.68 %	0.10 %	542 ppm	47.0 g/t	<5 ppb
530519	0.65 %	0.55 %	36 ppm	10.4 g/t	<5 ppb

Mineralization in the central area of the property is quite sparse. Disseminated pyrrhotite and pyrite are common in gossanous zones with in the mafic gneiss but rarely in concentrations greater than a couple percent. Chalcopyrite is also common in localized patches, as disseminations in the gneiss and in fractures, but generally as trace to 0.5% of the rock. A sample (530526) from a gossanous fracture zone in the north part of the Sail 2 Claim returned 0.39 % Zn along with anomalous Cu.

The most interesting area for mineralization on the Sail property is at the north end on the Sail 5 and 6 Claims. A large fault traverses obliquely across the ridge north of the Legal Corner Post for these claims. The fault pinches and swells but generally hosts a metre or two of gouge and breccia material which has commonly been cemented by quartz with variable sulphides including galena, pyrite, sphalerite and chalcopyrite. The mineralized portion of the fault is commonly restricted to a narrow marginal zone. The fault has been mapped in outcrop for almost two kilometres. Several grab samples from this fault zone returned high base metal values as outlined in the table below.

Sample	Pb	Zn	Cu	Ag	Au
530528	0.48 %	758 ppm	82 ppm	0.8 g/t	<5 ppb
530534	32.4 %	1.13 %	0.25 %	90.0 g/t	<5 ppb
530535	2.03 %	0.76 %	582 ppm	30.8 g/t	<5 ppb

Another significant mineralized occurrence is located on the low ridge in the south-central part of Sail 6. Here, quartz-sericite-pyrite schist occurs in float and small outcrops. Two float samples from this area returned very significant base and precious metal values. These results are tabulated below.

Sample	Pb	Zn	Cu	Ag	Au
530425	92 ppm	0.32 %	825 ppm	9.6 g/t	5.0 g/t
530426	220 ppm	0.35 %	925 ppm	23.2 g/t	4.8 g/t
530428	260 ppm	778 ppm	745 ppm	0.4 g/t	5 ppb

Two other types of mineralization were noted in this area. Several small lenses of massive pyrrhotite-pyrite were noted in quartz-sericite gneiss at the point where the mineralized fault described above intersects a serpentinite body near the ridge top. These small lenses are anomalous in copper and nickel. Sample 530529 returned 980 ppm Ni and 809 ppm Cu. Another sample taken from a peridotite body just south of Sail 6 returned 0.19% Ni, 0.29% Cu and 100 ppb Au in pyrrhotite-chalcopyrite mineralized peridotite.

Secondly, sulphide mineralization occurs in a small lens(?) of Mn-stained Fe-carbonate, possibly a bed or replacement, in meta-sediments in the central part of Sail 5. The lens contains poddy galena, with sphalerite and pyrite, giving a total sulphide content of about 1%. The grab sample from this lens (530537) gave 0.53% Pb and 0.40% Zn.

## 4.0 SOIL GEOCHEMICAL SURVEY

### 4.1 Scope of Sampling

Contour soil sampling was done along the slopes of the ridges on the Sail Property. The samples were taken every 50 metres along contour lines located near the break in slope or close to the top of talus. Samples of B-horizon material were taken in all instances except where soil development was poor. In these instances, samples were generally of talus fines or other C-horizon type material.

Soil sample stations were marked in the field with a flag and tyvex tag with the sample number written on it. Samples were numbered sequentially by the individual sampler using the year, the sampler's first and last initial, S for sample type, followed by the sample number. For example, Jan Tindall's 200th soil sample in 1996 would be numbered: 96JTS200.

Samples were partially dried in the field and then shipped to Chemex Labs in North Vancouver, B.C. for analysis. They were subsequently dried, sieved to -80 mesh, pulverized and then analysed for 24 elements using a four acid procedure to ensure complete digestion of the sample material, followed by ICP-AES analysis. The results are found in Appendix E.

A total of 620 soil samples were collected in this exploration program. A total of 10 man/days were required for this sampling program.

### 4.2 Soil Results

Several anomalies (greater than the 95th percentile for any element) have been identified by the soil sampling survey (Figures 5a to d). Significant results were found primarily for zinc, lead and copper. Silver shows some association with zinc and lead. Two strong nickel anomalies were detected. Both are associated with outcrops of ultramafic bodies of either peridotite or serpentinite. Spotty anomalous values for various metals have been detected in the hornfels margins to major intrusions. No significance is attributed to these spotty anomalies.

The most significant soil anomaly on the Sail Property is situated along the boundary between the Sail 5 and 6 Claims. This coincident Zn (to 2790 ppm), Pb (to 2700 ppm), Cu (to 1370 ppm), and Ag (to 9.8 g/t) anomaly lies downslope from the outcrop of the mineralized fault zone in this area. The anomaly is present over about 1.3 kilometres, with a strong north and south node. There is anomalous bismuth associated with the north node. A subsidiary anomaly resulting from the fault zone occurs on the other side of the ridge on the Sail 5 Claim. As well, a small anomaly in the northeast part of the Sail 2 Claim may represent an extension to this mineralized fault bringing the entire strike of this zone to almost three kilometres.

Several spotty but strong zinc values (up to 2280 ppm Zn) occur in the northwest part of the Sail 5 Claim. Anomalous lead, up to 3100 ppm, is associated with the zinc anomalies. These anomalies represent a different source of mineralization than the mineralized fault described above. Mapping was

not done in this area so an explanation for the anomalies is not immediately forthcoming. The only significant mineralization noted close to this area was galena-sphalerite in a Mn-stained carbonate lens in meta-sediments.

Another significant soil anomaly occurs just southeast of the Sail 4 Claim. A strong, focused anomaly with values up to 1300 ppm Pb and 1080 ppm Zn, occurs in argillite near the south end of a ridge where bedrock disappears under overburden. About one kilometre along strike to the east, there is a similar anomaly with values up to 4000 ppm Pb and 1375 ppm Zn.

### 4.3 Silt Results

Only four silt samples were collected on the Sail Property during the 1996 exploration program. Their location can be found on Figure 3 and the results for zinc, lead and copper from these samples are shown on Figures 4a to 4c with the rock samples. The results have not been treated statistically due to the small size of the population.

Sample 96MJT003 is situated along strike from the mineralized fault zone in the north part of the claim group. This sample has the highest zinc (278 ppm) and lead (110 ppm) values of all the samples, possibly indicating an extension to the zone above the sample site.

## 5.0 CONCLUSIONS

The Sail Property is at least partially underlain by metamorphosed and deformed rocks of the Rapid River Tectonite, a fault bounded portion of the Sylvester Allochthon (Gabrielse and Harms, 1989) which have been intruded by ultramafic and granitic bodies. North of the Major Hart granite pluton, which lies in the south-east part of the property, these rocks are generally foliated, gneissic to schistose and hornfelsed. The precursor rock types include mafic to intermediate volcanic units, argillaceous to quartzose sedimentary units and felsic volcanic units. South of the Major Hart Pluton the rocks are less tectonized with recognizable primary lithologic features. There are two main rock types in this area; intermediate volcanic tuffs and graphitic argillite.

In general, the lithologic trends on the Sail Property parallel the regional northwest-southeast trend. South of the Major Hart Pluton, foliations in the volcanic and sedimentary rocks trend more east-west. In the north part of the property there is considerably more structural complexity. This may in part be due to intrusion of ultramafic bodies in this area. Also, several major faults traverse this part of the property. Local minor folding suggests that there may be interfering, differently aged folds. Most mapped faults are small with little offset associated with them. Large faults likely occupy the bottom of the north-south valleys which cross the property.

There are several significant mineralized zones on the Sail Property. The largest of these zones is found in the north part of the property. An extensive fault with mineralized breccia and gouge is traced for almost three kilometres north-south across the Sail 5 and 6 Claims. Soil and rock samples show anomalous lead, zinc, and copper over the length of this structure. The structure is at most a few metres wide and mineralization is generally even more restricted.

The 1996 exploration program on the Sail Claims was a quick, first pass. The program was successful in confirming that there are some felsic volcanic rocks present on the claims. This conclusion does need to be investigated in more detail. Mineralization associated with the apparent felsic rocks (quartz-sericite-pyrite schist) is both base and precious metal rich. However, it is not clear whether this mineralization is part of a volcanogenic massive sulphide system.

Mineralization in argillaceous sediments south of the property is quite encouraging. There is a potential strike length of over 1 kilometre on what may be strataform (or -bound?) mineralized zone. The values of lead and zinc in soils from this zone are greater than what might be reasonably expected in sulphidic graphitic argillites.

## 7.0 RECOMMENDATIONS

Further work is justified on the Sail Property to investigate the significant mineralization discovered in two locations. In the north part of the property additional sampling and mapping needs to be done to determine the nature and extent of the siliceous, sericitic schist which hosts the strong base and precious metal mineralization found in samples 530426 and 530427. There may be some potential for volcanogenic massive sulphide mineralization associated with these rocks.

The mineralized fault in the north area represents a lesser target because of its narrow mineralized zones. Nonetheless, additional sampling should be done to determine if there is a significant concentration of base metal mineralization along the over 3 kilometre mineralized strike length of this fault zone. The values found in soils and rocks to date are compelling enough to justify this work.

The second area of significant mineralization southeast of the Sail 4 Claim should be staked if work is to continue in this area. The potential for Pb-Zn sedex mineralization in this area is obvious. Mapping and additional soil sampling in the area of the 1996 soil anomalies should be done.

## 8.0 REFERENCES

Cry Lake Mineral Occurrence Map, Minfile Map 104I, 1988, B.C. ministry of Energy Mines and Petroleum Resources.

Gabrielse, H., 1994. Geology of the Cry Lake (104I) and Dease Lake (104J east) map areas, north central British Columbia: Geological Survey of Canada, Open File 2779.

Gabrielse, H. and Harms, T.A., 1989. Permian and Devonian plutonic rocks in the Sylvester Allochthon, Cry Lake and McDame map areas, northern British Columbia: in Current Research, Part E, Geological Survey of Canada, Paper 89-1E, pp. 1-4.

Gabrielse, H. and Mansy, J.L., 1980. Structural style in northeastern Cry Lake map area, north-central British Columbia: in Current Research, Part A, Geological Survey of Canada, Paper 80-1A, pp. 33-35.

Jackaman, W., 1996. British Columbia Regional Geochemical Survey, NTS 104/I - Cry Lake: B.C. Geological Survey Branch, B.C. RGS 44.

Wojdak, P., 1997. Summary of 1996 Exploration Activities in Northwest District, British Columbia: District Geologist's Office, Smithers, B.C..

**APPENDIX A**  
**STATEMENT OF QUALIFICATIONS**

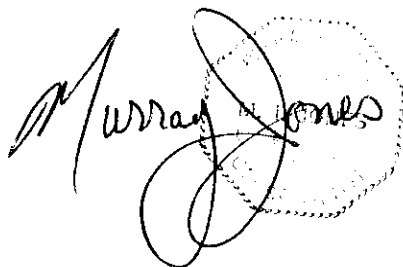


## Statement of Qualifications

I, Murray I. Jones, of the City of Surrey, in the Province of British Columbia, hereby certify that:

1. I am registered as a professional geoscientist with the Association of Professional Engineers and Geoscientists of the Province of British Columbia (registration #20063), residing at 8606 - 144A Street, Surrey, British Columbia, V3S 2Y2 with a business address at #904 - 1055 Dunsmuir Street, P.O. Box 49066, The Bentall Centre, Vancouver, British Columbia, V7X 1C4.
2. I graduated with a B.Sc. (Honours) in Geology from the University of British Columbia, Vancouver, B.C. in 1982 and with a M.Sc. in Geology from the University of Ottawa, Ottawa, Ontario in 1992.
3. I have practised geology in Canada from 1979 to 1997.
4. I performed and supervised the work which is described in this report.

DATED this 14<sup>th</sup> day of April, 1997 at Vancouver, British Columbia.

A handwritten signature in cursive script that reads "Murray I. Jones". To the right of the signature is a circular stamp with a dotted border, which is mostly obscured by the signature's loops.

Murray I. Jones, M.Sc., P. Geo.  
Project Geologist  
Westmin Resources Limited

**APPENDIX B**  
**STATEMENT OF EXPENDITURES**

WESTMIN RESOURCES LIMITED							
Beale Project - 6112		Sail Property	Statement of Expenditures				
1.0	PREFIELD (pre-May 13/96)						
	Murray Jones - Project Geologist	2 days @	\$328	\$656			
	Brian Wakeman - Field Geo.	1 days @	\$328	\$328			
	Reproductions			\$300			
					\$1,284	\$1,284	
2.0	FIELD PROGRAM						
	PERSONNEL						
	Murray Jones - Project Geologist	7 days @	\$328	\$2,296			
	Brian Wakeman - Field Geo.	8 days @	\$328	\$2,624			
	Jan Tindle, sampler	7 days @	\$200	\$1,400			
	Yvonne Thornton, sampler	8 days @	\$178	\$1,424			
					\$7,744		
	CAMP SUPPORT						
	Accommodation	6 days@	\$156	\$936			
	Belvedere			\$150			
	Meals			\$200			
	Groceries			\$265			
	Field Supplies -NCI			\$330			
	Camp Supplies			\$20			
	Radio rentals	1 ut/mo@	\$90	\$90			
	Computer Rental	1 month @	\$255	\$128			
	Delivery and Courier			\$130			
	Freight			\$150			
	Telephone			\$30			
					\$2,429		
3.0	GEOCHEMISTRY AND ASSAYS						
	Drill Core, Rock Geochem	32 smpl @	\$19.00	\$608			
	Whole Rocks	11 smpl @	\$27.75	\$305			
	Assays	6 elmnts@	\$6.00	\$36			
	Soils	620 smpl @	\$9.45	\$5,859			
	Silts	4 smpl @	\$14.13	\$57			
					\$6,865		
4.0	TRANSPORTATION						
	Travel			\$2,750			
	Truck rental (2)	7 days @	\$30	\$210			
	Fuel			\$60			
	Helicopter	11.8 hrs @	\$730	\$8,614	\$11,634		
5.0	DIAMOND DRILLING						
	Footage, 0 - 200 m	0 m @	\$48	\$0			
					\$0	\$28,672	
6.0	POST FIELD						
	Murray Jones - Project Geologist	4 days @	\$328	\$1,312			
	Drafting	22.5 hrs@	\$40	\$900			
	Maps			\$500	\$2,712	\$2,712	
7.0	SUBTOTAL						\$32,668
8.0	Seretarial, photocopying, etc.						\$653
							\$653
9.0	TOTAL		CANADIAN DOLLARS				\$33,321

**APPENDIX C**  
**ROCK SAMPLE DESCRIPTIONS**

## ROCK SAMPLE DESCRIPTIONS

Nb: See Figure 3 for rock type and mineral abbreviations.

- 530414 grab, black argillite, Fe oxide stain on fractures.
- 530415 grab, argillite-siltstone, black, heavy Fe oxide stain, possibly felsic volcanic.
- 530416 select, black argillite, qz-cb veining, qz crystals?, slickenslides, Fe oxide, trace gl.
- 530417 15 m chip, black argillite with slickenslides, some qz-cb bands, Mn oxide, Fe oxide, trace gl.
- 530418 float, gossanous boxwork in siliceous white matrix (qz?), gossan.
- 530419 grab, black argillite with 5% diss'd py, siliceous, hornfels.
- 530420 grab, hornfels argillite, Fe oxides,.
- 530421 grab, hornfels argillite, some sheeted qz veining, Fe oxides.
- 530422 grab, intermediate volcanic, hornfels, light green, with qz veining, Fe oxides.
- 530423 float, hornfels volcanic, Fe oxides, trace py-cp.
- 530424 float, green cl gneiss, with py, Fe oxides.
- 530425 float, qz-cl gneiss, light green, with 3% diss'd py and cp(?).
- 530426 float, quartzose schist, 10% diss'd ruby sl-cp, Fe and Mn oxides.
- 530427 float, qz-ms-py schist, heavy Fe oxide boxwork, 5% py.
- 530428 float, cl gneiss, dark green, malachite stain, trace gl.
- 530429 grab, qz-cl gneiss (rhyolite?), trace cp.
- 530430 float, sugary quartzose rock, qz veins and drusy qz, reddish vugs.
- 530431 grab, quartzose rock, cl partings, silicified?
- 530432 grab, peridotite, po-cp mineralization, malachite stain.
- 530433 float, peridotite, 5 po, trace cp.
- 530434 float, white quartzose rock, cl patches, drusy qz, Fe oxides.
- 530435 float, serpentinite, minor po-cp, hematite stain.
- 530519 float, argillite, silty to graphitic, weak cb, minor py, trace gl, Mn and Fe stain.
- 530520 grab, intermediate lapilli tuff, cl-ms-si alt'n.
- 530521 grab, intermediate volcanic, sheared, si alt'n, trace py in fractures, weak patchy gossan.
- 530522 grab, felsic rock - rhyolite?, cl-qz alt'n, cl weak in small zones, fractures.
- 530523 2 m chip, intermediate volcanic, hornfels, cb-si alt'n, trace-2% diss'd po.
- 530524 float, intermediate volcanic, qz flooded, strong cl alt'n, weak ep, gossanous, tr-2% diss'd py, also in fractures, tr cp?
- 530525 grab, intermediate or mafic volcanic, cl-bi-qz alt'n, 2-3% diss'd po/cp along foliation, also blebs in fractures, appears to be small cross-cutting zone in mafic rock.
- 530526 grab, mafic gneiss, cl-bi in groundmass, tr-0.5% cp, tr po, in narrow gossanous band, quite continuous.
- 530527 float, qz-cl-hb gneiss, cse.gr., bi-cl-qz in matrix, 1-2% py-cp in fractures, as diss'd blebs.
- 530528 select, qz-bi gneiss, si alt'n, qz stockwork in gneiss at contact with serpentinite, trace gl-sl-py.
- 530529 grab, qz-bi gneiss, siliceous, semi-massive lens of f.gr. po-py, near serpentinite contact, looks like replacement in gneiss.

- 530530 grab, qz-cl-bi gneiss, strong cl-si, mod. bi, minor po-py, in 5 m thick zone parallel to layering.
- 530531 grab, qz gneiss, bi-si alt'n, no sulphides noted.
- 530532 grab, spotted felsic looking rock, mod si, weak cl alt'n, dark green spots to 8 mm - amygdules or altered spherules, in foliated feldspathic matrix.
- 530533 grab, mafic gneiss, cl alt'n, near peridotite contact, mafic gneiss is inundated by granitic dykelets.
- 530534 float, altered rock, strongly limonitic boulder with lenses and bands of cse.gr. gl, >5% fresh galena in sample.
- 530535 grab, mafic gneiss, bi-cl-qz in matrix, 1-3% total sulphides, sl>gl>cp.
- 530536 grab, felsic volcanic rock, weak clay alt'n.
- 530537 2 m chip, limy sediment - skarn?, cb-si-weak cl alt'n, coarse Fe dolomite with minor qz veins, locally 5-8% gl, generally trace to 1% sulphides (gl-sl-py), trace cp.
- 530538 grab, qz gneiss, siliceous, no sulphides noted.
- 530539 grab, qz-minor bi gneiss, silicified?, weakly Fe stained.

**APPENDIX D**

**ANALYTICAL RESULTS, ROCK SAMPLES**



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

A9631721

Comments: ATTN: M. JONES

**CERTIFICATE** **A9631721**

(GP) - WESTMIN RESOURCES LTD.

Project: 6112  
 P.O.#:

Samples submitted to our lab in Vancouver, BC.  
 This report was printed on 19-SEP-96.

SAMPLE PREPARATION		
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	50	Geochem ring to approx 150 mesh
226	50	0-3 Kg crush and split
3202	50	Rock - save entire reject
285	50	ICP - HF digestion charge

ANALYTICAL PROCEDURES					
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	50	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	50	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	50	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	50	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	50	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	50	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	50	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	50	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	50	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	50	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	50	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	50	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	50	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	50	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	50	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	50	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	50	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	50	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	50	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	50	Pb ppm: 24 element, rock & core	AAS	2	10000
582	50	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	50	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	50	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	50	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	50	Zn ppm: 24 element, rock & core	ICP-AES	2	10000
312	1	Pb %: Conc. Nitric-HCL dig'n	AAS	0.01	100.0





# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Page Number :1-B  
 Total Pages :2  
 Certificate Date: 19-SEP-96  
 Invoice No. :19631721  
 P.O. Number :  
 Account :GP

Project : 6112  
 Comments: ATTN: M. JONES

## CERTIFICATE OF ANALYSIS A9631721

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	Pb %		
530414	205 226	575	2	1.29	21	510	10	238	0.39	113	< 10	74	-----		
530415	205 226	255	65	0.50	78	1060	20	59	0.18	172	< 10	590	-----		
530416	205 226	6960	6	0.08	42	440	>10000	12	0.19	80	20	3000	-----		
530417	205 226	2610	5	0.47	47	650	570	32	0.25	117	10	1430	-----		
530418	205 226	675	1	0.03	4	700	>10000	8	0.14	59	20	1015	-----		
530419	205 226	455	10	0.58	41	710	36	108	0.38	167	< 10	116	-----		
530420	205 226	675	21	0.92	34	740	20	183	0.30	156	10	94	-----		
530421	205 226	70	3	0.05	11	120	72	12	0.12	59	< 10	58	-----		
530422	205 226	295	3	0.15	30	410	6	34	0.44	100	< 10	62	-----		
530423	205 226	710	< 1	0.04	45	390	8	49	0.18	67	< 10	40	-----		
530424	205 226	1270	< 1	1.81	51	470	< 2	156	0.35	320	20	66	-----		
530425	205 226	790	6	1.61	33	420	92	269	0.30	282	20	3180	-----		
530426	205 226	445	39	1.96	46	310	220	237	0.32	212	10	3450	-----		
530427	205 226	405	42	2.40	34	150	10	35	0.09	327	10	174	-----		
530428	205 226	2540	< 1	2.00	62	660	260	254	0.93	311	20	778	-----		
530430	205 226	250	218	0.04	8	150	72	20	0.05	48	< 10	40	-----		
530432	205 226	1165	< 1	0.09	1945	Intf*	< 2	5	< 0.01	70	40	82	-----		
530433	205 226	1360	4	1.07	292	4080	16	763	0.42	275	40	54	-----		
530434	205 226	1195	2	0.12	58	760	14	116	0.31	138	< 10	56	-----		
530435	205 226	930	< 1	0.54	595	4010	6	147	0.58	492	60	130	-----		
530519	205 226	>10000	10	0.17	43	1130	6500	26	0.19	144	20	5480	-----		
530523	205 226	3640	< 1	0.59	18	300	18	239	0.25	76	40	98	-----		



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Page Number : 1-A  
 Total Pages : 2  
 Certificate Date: 19-SEP-96  
 Invoice No. : 19631721  
 P.O. Number :  
 Account : GP

Project : 6112  
 Comments: ATTN: M. JONES

## CERTIFICATE OF ANALYSIS A9631721

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
530414	205 226	< 5	0.4	7.35	660	2.0	2	1.38	0.5	9	147	35	3.21	1.66	1.46
530415	205 226	< 5	1.6	4.71	540	< 0.5	< 2	0.06	7.0	18	94	113	9.76	1.12	1.23
530416	205 226	30	24.8	5.23	180	< 0.5	2	0.10	5.0	12	142	171	11.65	0.33	1.24
530417	205 226	< 5	1.8	6.50	900	0.5	< 2	0.11	15.0	15	150	59	6.12	1.53	1.37
530418	205 226	< 5	47.0	3.01	320	< 0.5	< 2	0.10	5.5	2	80	542	12.15	0.91	0.23
530419	205 226	< 5	0.8	6.76	1260	0.5	2	0.45	2.0	29	208	57	3.28	2.45	1.34
530420	205 226	< 5	0.4	7.62	1430	0.5	< 2	1.56	3.0	10	202	81	3.87	2.09	1.27
530421	205 226	< 5	1.0	2.89	930	0.5	< 2	0.01	0.5	3	208	21	1.26	1.37	0.29
530422	205 226	< 5	< 0.2	6.93	950	1.0	< 2	0.05	< 0.5	12	163	55	5.24	3.18	0.78
530423	205 226	< 5	1.8	2.82	110	< 0.5	< 2	2.14	< 0.5	26	233	205	3.41	0.88	0.89
530424	205 226	< 5	< 0.2	7.38	310	< 0.5	< 2	6.48	0.5	33	328	49	6.53	0.27	5.35
530425	205 226	4990	9.6	9.12	410	< 0.5	< 2	4.78	26.0	29	152	825	5.47	2.57	2.23
530426	205 226	4780	23.2	9.18	250	< 0.5	2	1.68	35.5	34	142	925	5.42	3.96	2.67
530427	205 226	60	0.6	7.01	310	< 0.5	2	0.15	0.5	9	94	50	6.11	0.42	4.35
530428	205 226	5	0.4	7.63	120	< 0.5	< 2	7.02	6.5	31	199	745	6.43	0.27	3.66
530430	205 226	< 5	1.4	1.78	160	1.5	4	7.49	0.5	5	169	27	0.99	0.64	0.15
530432	205 226	100	< 0.2	0.49	10	< 0.5	Intf*	1.34	0.5	120	1740	2910	8.86	0.02	>15.00
530433	205 226	15	< 0.2	7.02	100	< 0.5	2	5.84	2.0	135	190	1190	14.30	0.28	2.70
530434	205 226	< 5	< 0.2	4.74	510	< 0.5	4	1.68	0.5	21	203	19	3.68	2.05	1.97
530435	205 226	< 5	0.4	4.21	60	< 0.5	< 2	5.44	3.0	315	335	1820	20.7	0.29	3.56
530519	205 226	< 5	10.4	6.08	750	< 0.5	2	0.18	44.5	22	141	36	10.05	0.80	1.82
530523	205 226	< 5	< 0.2	4.77	90	0.5	2	14.60	1.0	32	89	94	10.15	0.20	2.55



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project : 6112  
 Comments: ATTN: M. JONES

Page Number :2-A  
 Total Pages :2  
 Certificate Date: 19-SEP-96  
 Invoice No. : I9631721  
 P.O. Number :  
 Account : GP

## CERTIFICATE OF ANALYSIS A9631721

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
530524	205 226	< 5	0.4	5.05	400	< 0.5	< 2	3.98	1.0	30	269	182	5.12	0.41	1.73
530525	205 226	< 5	1.0	1.54	40	< 0.5	2	1.87	1.5	60	340	557	5.81	0.08	1.26
530526	205 226	< 5	0.6	7.09	160	< 0.5	2	5.41	20.0	41	218	474	7.90	0.58	4.42
530527	205 226	< 5	2.4	4.04	180	< 0.5	4	3.63	< 0.5	34	339	1160	6.78	0.56	1.68
530528	205 226	< 5	0.8	0.56	10	< 0.5	2	0.16	3.5	6	259	82	1.24	0.01	0.48
530529	205 226	< 5	0.4	1.06	50	< 0.5	< 2	4.77	3.0	127	418	809	15.30	0.06	2.35
530530	205 226	< 5	< 0.2	6.63	80	< 0.5	4	5.37	< 0.5	34	199	159	6.85	0.22	3.54
530534	205 226	< 5	90.0	1.03	10	< 0.5	< 2	0.06	52.5	11	8	2530	>25.0	0.05	0.04
530535	205 226	< 5	30.8	3.25	320	< 0.5	16	0.34	73.5	8	244	582	7.39	0.79	1.43
530537	205 226	< 5	1.6	3.97	120	< 0.5	< 2	13.05	31.0	34	168	92	5.67	0.39	3.60



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

Page Number :2-B  
 Total Pages :2  
 Certificate Date: 19-SEP-96  
 Invoice No. :19631721  
 P.O. Number :  
 Account :GP

## CERTIFICATE OF ANALYSIS A9631721

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	Pb %		
530524	205 226	1535	2	1.49	53	2130	94	205	0.59	154	10	144	-----		
530525	205 226	960	46	0.16	158	1940	14	56	0.12	226	10	156	-----		
530526	205 226	1340	1	1.87	43	590	6	147	0.82	312	20	3870	-----		
530527	205 226	1315	5	1.14	34	1860	8	148	0.65	189	10	98	-----		
530528	205 226	1325	4	0.01	17	550	4800	11	0.02	87	< 10	758	-----		
530529	205 226	490	2	0.66	980	5590	12	56	0.12	483	30	114	-----		
530530	205 226	1400	< 1	1.34	72	770	24	261	0.53	256	10	96	-----		
530534	205 226	285	1	0.06	14	230	>10000	56	0.08	19	10	>10000	31.7		
530535	205 226	1105	1	0.08	10	710	>10000	7	0.34	213	< 10	7580	-----		
530537	205 226	>10000	1	0.37	35	520	5300	262	0.29	175	10	3990	-----		



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
VANCOUVER, BC  
V7X 1C4

A9633524

Comments: ATTN: M. JONES

**CERTIFICATE**

**A9633524**

(GP ) - WESTMIN RESOURCES LTD.

Project: 6112

P.O. #:

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 30-SEP-96.

## SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	4	Pulp; prev. prepared at Chemex

## ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
312	4	Pb %: Conc. Nitric-HCL dig'n	AAS	0.01	100.0
316	1	Zn %: Conc. Nitric-HCL dig'n	AAS	0.01	100.0



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
VANCOUVER, BC  
V7X 1C4

Project: 6112  
Comments: ATTN: M. JONES

Page Number : 1  
Total Pages : 1  
Certificate Date: 30-SEP-96  
Invoice No. : I9633524  
P.O. Number :  
Account : GP

## CERTIFICATE OF ANALYSIS

## A9633524

SAMPLE	PREP CODE	Pb %	Zn %								
530416	244 --	1.11	-----								
530418	244 --	1.68	-----								
530534	244 --	32.4	1.13								
530535	244 --	2.03	-----								



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

A9631722

Comments: ATTN: M. JONES

**CERTIFICATE**

**A9631722**

(GP) - WESTMIN RESOURCES LTD.

Project: 6112  
 P.O. #:

Samples submitted to our lab in Vancouver, BC.  
 This report was printed on 3-OCT-96.

## SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	24	Geochem ring to approx 150 mesh
226	24	0-3 Kg crush and split
3202	24	Rock - save entire reject
298	24	ICP - AQ Digestion charge

## ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
2118	24	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2120	24	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2123	24	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2128	24	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2131	24	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2136	24	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2140	24	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	24	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2149	24	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
902	24	Al2O3 %: XRF	XRF	0.01	100.00
906	24	CaO %: XRF	XRF	0.01	100.00
2590	24	Cr2O3 %: XRF	XRF	0.01	100.00
903	24	Fe2O3 %: XRF	XRF	0.01	100.00
908	24	K2O %: XRF	XRF	0.01	100.00
905	24	MgO %: XRF	XRF	0.01	100.00
1989	24	MnO %: XRF	XRF	0.01	100.00
907	24	Na2O %: XRF	XRF	0.01	100.00
909	24	P2O5 %: XRF	XRF	0.01	100.00
901	24	SiO2 %: XRF	XRF	0.01	100.00
904	24	TiO2 %: XRF	XRF	0.01	100.00
910	24	LOI %: XRF	XRF	0.01	100.00
2540	24	Total %	CALCULATION	0.01	105.00
2891	24	Ba ppm: XRF	XRF	5	50000
2067	24	Rb ppm: XRF	XRF	2	50000
2898	24	Sr ppm: XRF	XRF	2	50000
2973	24	Nb ppm: XRF	XRF	2	50000
2978	24	Zr ppm: XRF	XRF	3	50000
2974	24	Y ppm: XRF	XRF	2	50000



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

QC Page #: 1-A  
 Tot QC Pg: 1  
 Date: 03-OCT-96  
 Invoice #: I9631722  
 P.O. #: GP

## QC DATA OF CERTIFICATE A9631722

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Al2O3 % XRF	CaO % XRF	Cr2O3 % XRF	Fe2O3 % XRF	K2O % XRF
G96-1GM CHEMEX MEAN	Std1	1	3.8 4.4	52 64	< 2 < 2	175 177	< 1 < 1	7 9	116 120	2 < 2	178 186	----- -----	----- -----	----- -----	----- -----	----- -----
GEO-90 CHEMEX MEAN	Std1	1	----- -----	----- -----	----- -----	----- -----	----- -----	----- -----	----- -----	----- -----	----- -----	13.34 13.31	3.21 3.25	0.01 0.03	6.14 6.14	2.36 2.25
SY-3 CHEMEX MEAN	Std1	1	----- -----	----- -----	----- -----	----- -----	----- -----	----- -----	----- -----	----- -----	----- -----	----- -----	----- -----	----- -----	----- -----	----- -----
530429	Dupl-01 Origl-01		0.6 0.6	< 2 < 2	< 2 < 2	49 53	< 1 < 1	< 1 < 1	22 24	< 2 < 2	98 104	12.80 12.85	1.55 1.59	0.01 0.01	2.59 2.63	0.34 0.36





# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

QC Page #: 1-B  
 Tot QC Pg: 1  
 Date: 03-OCT-96  
 Invoice #: 19631722  
 P.O. #: GP

## QC DATA OF CERTIFICATE A9631722

STD/DUP/BLANK DESCRIPTION	QC PAGE TYPE NO.	MgO % XRF	MnO % XRF	Na2O % XRF	P2O5 % XRF	SiO2 % XRF	TiO2 % XRF	LOI % XRF	TOTAL %	Ba ppm	Rb ppm	Sr ppm	Nb ppm	Zr ppm	Y ppm
G96-1GM CHEMEX MEAN	Std1 1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GEO-90 CHEMEX MEAN	Std1 1	1.77 1.84	0.15 0.14	2.35 2.48	0.25 0.27	60.48 60.21	0.66 0.68	9.05 9.30	99.77 99.65	-----	-----	-----	-----	-----	-----
SY-3 CHEMEX MEAN	Std1 1	-----	-----	-----	-----	-----	-----	-----	-----	465 450	204 206	304 302	192 148	333 320	710 720
530429	Dupl-01 Origl-01	1.10 1.14	0.06 0.06	5.54 5.55	0.06 0.05	74.41 74.43	0.31 0.33	0.95 0.92	99.72 99.92	175 175	18 16	144 140	2 2	75 75	16 14



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project : 6112  
 Comments: ATTN: M. JONES

Page Number : 1-B  
 Total Pages : 1  
 Certificate Date: 03-OCT-96  
 Invoice No. : 19631722  
 P.O. Number :  
 Account : GP

## CERTIFICATE OF ANALYSIS A9631722

SAMPLE	PREP CODE	MgO % XRF	MnO % XRF	Na2O % XRF	P2O5 % XRF	SiO2 % XRF	TiO2 % XRF	LOI % XRF	TOTAL %	Ba ppm	Rb ppm	Sr ppm	Nb ppm	Zr ppm	Y ppm
530429	205 226	1.14	0.06	5.55	0.05	74.43	0.33	0.92	99.92	175	16	140	2	75	14
530431	205 226	0.49	0.12	0.32	0.05	92.82	0.11	0.41	99.16	2770	12	34	2	27	4
530520	205 226	4.51	0.11	3.17	0.27	60.13	1.13	3.79	99.59	1125	58	124	20	249	38
530521	205 226	4.37	0.13	3.13	0.15	66.43	0.72	2.79	99.35	440	12	48	4	105	20
530522	205 226	2.79	0.10	3.65	0.18	62.62	0.74	2.20	99.69	1150	28	488	8	177	22
530531	205 226	1.00	0.24	0.32	0.07	88.41	0.19	0.66	99.80	815	42	44	4	48	14
530532	205 226	0.73	0.16	0.94	0.13	68.44	0.40	1.25	100.02	825	48	220	2	48	20
530533	205 226	7.71	0.18	4.89	0.06	54.84	0.44	1.87	98.61	90	56	166	< 2	30	10
530536	205 226	1.24	0.14	2.93	0.12	68.97	0.38	1.25	99.61	285	14	166	2	213	20
530538	205 226	0.49	0.11	0.08	0.02	94.73	0.10	0.63	99.95	385	12	8	< 2	15	2
530539	205 226	0.76	0.04	0.35	0.05	89.94	0.20	0.70	99.50	475	36	30	4	36	6



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project : 6112  
 Comments: ATTN: M. JONES

Page Number :1-A  
 Total Pages :1  
 Certificate Date: 03-OCT-96  
 Invoice No. : I9631722  
 P.O. Number :  
 Account : GP

## CERTIFICATE OF ANALYSIS A9631722

SAMPLE	PREP CODE	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Al2O3 % XRF	CaO % XRF	Cr2O3 % XRF	Fe2O3 % XRF	K2O % XRF
530429	205 226	0.6	< 2	< 2	53	< 1	< 1	24	< 2	104	12.85	1.59	0.01	2.63	0.36
530431	205 226	< 0.2	2	< 2	63	< 1	< 1	8	< 2	32	2.48	0.27	0.01	1.62	0.46
530520	205 226	< 0.2	< 2	< 2	14	1	< 1	10	< 2	90	16.17	1.99	< 0.01	5.22	3.10
530521	205 226	< 0.2	< 2	< 2	87	< 1	< 1	8	< 2	84	12.11	1.04	< 0.01	7.56	0.92
530522	205 226	< 0.2	8	< 2	15	< 1	1	4	< 2	48	15.59	4.38	< 0.01	5.87	1.57
530531	205 226	< 0.2	< 2	< 2	14	< 1	< 1	2	< 2	34	4.55	0.36	0.01	2.81	1.18
530532	205 226	< 0.2	< 2	< 2	55	< 1	< 1	2	< 2	38	13.22	6.30	0.01	6.86	1.58
530533	205 226	< 0.2	< 2	< 2	7	< 1	< 1	2	< 2	38	13.69	6.75	0.01	7.46	0.71
530536	205 226	< 0.2	< 2	< 2	31	< 1	< 1	< 2	< 2	48	12.94	4.58	< 0.01	6.61	0.45
530538	205 226	< 0.2	< 2	< 2	21	< 1	1	2	< 2	18	2.03	0.15	0.01	1.11	0.49
530539	205 226	< 0.2	< 2	< 2	11	< 1	< 1	< 2	< 2	26	3.98	0.32	0.01	2.25	0.90

**APPENDIX E**

**ANALYTICAL RESULTS, SOIL SAMPLES**



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
VANCOUVER, BC  
V7X 1C4

A9631729

Comments: ATTN: M. JONES

**CERTIFICATE**

**A9631729**

(GP) - WESTMIN RESOURCES LTD.

Project: 6112  
P.O.#:

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 19-SEP-96.

## SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	200	Dry, sieve to -80 mesh
202	200	save reject
285	200	ICP - HF digestion charge

## ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
578	200	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	200	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	200	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	200	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	200	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	200	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	200	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	200	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	200	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	200	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	200	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	200	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	200	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	200	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	200	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	200	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	200	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	200	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	200	Pb ppm: 24 element, rock & core	AAS	2	10000
582	200	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	200	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	200	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	200	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	200	Zn ppm: 24 element, rock & core	ICP-AES	2	10000



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

Page Number : 4-A  
 Total Pages : 5  
 Certificate Date: 19-SEP-96  
 Invoice No. : 19631729  
 P.O. Number :  
 Account : GP

## CERTIFICATE OF ANALYSIS A9631729

SAMPLE	PREP CODE	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)
96JTS 151	201 202	< 0.2	7.89	1030	2.5	2	1.15	< 0.5	12	61	32	3.54	1.74	1.09	615
96JTS 152	201 202	4.4	7.96	870	3.0	10	0.80	9.5	35	98	149	7.81	1.78	1.29	2120
96JTS 153	201 202	2.6	8.43	1010	3.0	10	0.77	9.5	50	107	171	8.02	1.99	1.71	2730
96JTS 154	201 202	2.2	8.68	1010	3.0	6	0.54	6.5	63	114	168	8.31	2.09	1.33	3030
96JTS 155	201 202	0.6	8.09	990	2.5	4	1.28	1.5	15	72	40	4.15	1.92	1.16	825
96JTS 156	201 202	< 0.2	7.33	800	2.5	10	0.99	1.5	11	64	26	4.03	1.85	0.80	850
96JTS 157	201 202	< 0.2	7.31	830	2.0	6	1.02	1.0	13	56	32	3.83	1.80	0.80	890
96JTS 158	201 202	< 0.2	7.01	660	2.5	6	0.76	< 0.5	11	62	19	4.23	1.90	0.69	995
96JTS 159	201 202	< 0.2	8.01	870	2.0	8	1.12	< 0.5	13	69	21	4.29	2.08	1.01	795
96JTS 160	201 202	0.6	8.28	580	2.5	6	0.90	0.5	15	86	29	5.32	1.86	0.95	945



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project : 6112  
 Comments: ATTN: M. JONES

Page Number : 4-B  
 Total Pages : 5  
 Certificate Date: 19-SEP-96  
 Invoice No. : 19631729  
 P.O. Number :  
 Account : GP

## CERTIFICATE OF ANALYSIS

A9631729

SAMPLE	PREP CODE	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Tl % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)				
96JTS 151	201 202	6	1.67	28	1570	22	269	0.39	117	10	108				
96JTS 152	201 202	45	1.16	109	2180	1300	190	0.43	200	10	934				
96JTS 153	201 202	34	1.12	173	1730	904	212	0.46	183	20	1080				
96JTS 154	201 202	44	1.11	189	2410	356	146	0.46	203	10	656				
96JTS 155	201 202	4	1.92	46	1720	58	277	0.46	113	10	172				
96JTS 156	201 202	5	1.84	24	1950	76	221	0.45	102	< 10	136				
96JTS 157	201 202	4	1.88	25	1840	44	249	0.41	95	10	106				
96JTS 158	201 202	5	1.86	18	1900	34	161	0.43	89	10	122				
96JTS 159	201 202	3	2.17	26	1940	34	250	0.49	102	10	118				
96JTS 160	201 202	7	1.88	29	2310	36	147	0.56	109	10	142				



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

Page Number :5-A  
 Total Pages :5  
 Certificate Date: 19-SEP-96  
 Invoice No. : I9631729  
 P.O. Number :  
 Account : GP

## CERTIFICATE OF ANALYSIS A9631729

SAMPLE	PREP CODE	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)
96JTS 161	201 202	1.0	9.17	530	2.5	8	1.01	0.5	13	101	31	5.72	2.30	1.02	685
96JTS 162	201 202	< 0.2	8.17	1100	2.0	< 2	0.50	0.5	10	86	37	3.86	2.17	1.34	560
96JTS 163	201 202	< 0.2	8.58	950	3.0	2	0.71	1.5	15	85	37	5.17	2.24	1.17	940
96JTS 164	201 202	0.6	9.93	1170	3.5	8	1.03	2.5	22	135	92	5.71	2.52	1.53	1220
96JTS 165	201 202	1.4	7.11	550	2.0	6	0.66	< 0.5	17	85	22	5.06	1.91	0.77	1635
96JTS 166	201 202	0.6	8.29	960	2.0	2	0.86	0.5	15	94	59	4.89	2.11	1.53	1310
96JTS 167	201 202	0.4	7.72	1120	1.0	2	0.82	0.5	22	70	78	5.55	1.66	2.57	1605
96JTS 168	201 202	< 0.2	7.73	1010	2.5	< 2	1.54	< 0.5	13	64	28	3.63	1.89	1.34	700
96JTS 169	201 202	0.6	8.76	1040	2.5	2	1.45	< 0.5	17	100	82	4.34	2.04	1.68	715
96JTS 170	201 202	0.4	8.62	810	3.0	2	1.12	0.5	18	85	37	4.94	2.09	1.15	1265
96JTS 171	201 202	< 0.2	8.22	890	2.5	6	1.26	0.5	20	88	50	4.68	1.75	1.63	1670
96JTS 172	201 202	< 0.2	8.05	1110	2.5	< 2	1.95	0.5	13	62	17	3.34	2.07	1.07	710
96JTS 173	201 202	< 0.2	7.98	750	2.5	< 2	1.26	0.5	16	87	47	5.16	1.97	1.33	1325
96JTS 174	201 202	0.4	6.12	800	1.0	2	1.14	2.0	17	64	35	4.02	1.31	1.79	995
96JTS 175	201 202	< 0.2	6.86	620	2.0	< 2	1.07	0.5	23	80	89	5.53	1.48	1.74	1910
96JTS 176	201 202	< 0.2	7.39	710	2.0	< 2	0.80	1.5	31	74	98	5.65	1.72	1.64	3000
96JTS 177	201 202	< 0.2	7.62	680	0.5	< 2	0.57	1.0	34	77	114	5.85	1.45	3.04	2440
96JTS 178	201 202	< 0.2	7.53	670	2.0	2	1.01	0.5	27	80	163	5.61	1.63	1.99	2050
96JTS 179	201 202	0.6	7.84	920	1.5	< 2	0.82	1.0	32	81	166	5.71	1.71	2.38	3770
96JTS 180	201 202	< 0.2	7.74	1190	1.0	< 2	0.54	1.0	34	78	99	6.14	1.94	2.74	2880
96JTS 181	201 202	< 0.2	6.99	610	1.5	2	0.47	0.5	40	73	61	6.14	1.37	1.77	3860
96JTS 182	201 202	0.4	7.43	710	1.0	2	0.59	0.5	34	72	100	5.56	1.40	2.33	3860
96JTS 183	201 202	0.6	7.08	730	1.5	6	0.65	0.5	30	70	110	4.90	1.54	1.87	2590
96JTS 184	201 202	0.2	8.32	670	2.0	< 2	0.85	< 0.5	25	92	128	5.69	1.84	1.93	1695
96JTS 185	201 202	0.4	8.19	530	2.0	< 2	0.77	0.5	27	67	111	6.08	1.57	2.24	2280
96JTS 186	201 202	< 0.2	7.21	700	1.5	< 2	0.68	1.5	24	76	79	5.65	1.57	1.77	1850
96JTS 187	201 202	0.4	5.78	540	1.0	4	0.72	2.0	18	55	43	3.74	1.33	1.10	1260
96JTS 188	201 202	< 0.2	7.13	760	1.5	4	1.01	< 0.5	19	75	36	4.82	1.62	1.38	1150
96JTS 189	201 202	0.2	8.18	1040	2.0	2	1.29	0.5	27	84	86	4.84	1.96	1.84	1455
96JTS 190	201 202	< 0.2	7.46	940	1.5	2	0.93	0.5	22	78	55	4.62	1.76	1.58	1575
96JTS 191	201 202	0.2	9.05	960	2.0	< 2	0.98	1.5	20	106	92	5.34	2.13	1.69	1015
96JTS 192	201 202	0.2	7.94	1180	2.0	6	1.75	< 0.5	19	70	43	3.94	1.93	1.56	980
96JTS 193	201 202	< 0.2	7.70	820	2.5	4	1.26	0.5	14	64	18	4.14	1.92	0.97	980
96JTS 194	201 202	< 0.2	8.05	920	2.5	4	1.77	< 0.5	17	99	38	4.78	1.91	1.51	1030
96JTS 195	201 202	< 0.2	8.78	1010	2.0	2	1.64	1.0	24	76	101	4.92	1.91	2.10	1455
96JTS 196	201 202	< 0.2	8.50	880	2.0	< 2	1.13	0.5	28	82	135	5.24	1.94	1.93	1515
96JTS 197	201 202	< 0.2	8.33	820	1.5	< 2	1.44	1.0	29	77	118	5.74	1.58	3.17	1565
96JTS 198	201 202	0.4	8.94	1050	1.5	2	1.56	0.5	29	86	178	5.60	2.03	2.61	1540
96JTS 199	201 202	< 0.2	8.45	1090	1.5	2	1.51	1.5	27	80	126	5.31	1.97	2.38	1505
96JTS 200	201 202	< 0.2	7.68	940	2.0	4	1.29	1.5	26	63	107	4.47	1.87	1.75	1260





# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project : 6112  
 Comments: ATTN: M. JONES

Page Number : 5-B  
 Total Pages : 5  
 Certificate Date: 19-SEP-96  
 Invoice No. : 19631729  
 P.O. Number :  
 Account : GP

## CERTIFICATE OF ANALYSIS A9631729

SAMPLE	PREP CODE	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)				
96JTS 161	201 202	7	2.28	34	2460	28	140	0.60	104	10	146				
96JTS 162	201 202	7	1.05	49	1220	46	130	0.42	137	10	214				
96JTS 163	201 202	6	1.61	47	2160	42	162	0.47	123	10	278				
96JTS 164	201 202	6	1.62	79	1840	52	219	0.51	165	10	290				
96JTS 165	201 202	4	1.77	24	2110	22	117	0.57	100	10	126				
96JTS 166	201 202	5	1.66	41	2280	144	170	0.53	138	10	288				
96JTS 167	201 202	3	1.49	35	1350	204	129	0.54	199	20	328				
96JTS 168	201 202	3	2.05	34	1570	28	307	0.44	101	10	134				
96JTS 169	201 202	3	1.63	45	2170	34	255	0.47	148	10	204				
96JTS 170	201 202	3	2.02	39	2210	80	228	0.51	112	10	322				
96JTS 171	201 202	1	1.65	42	2060	54	262	0.48	131	10	182				
96JTS 172	201 202	< 1	2.62	22	2330	20	468	0.41	89	< 10	88				
96JTS 173	201 202	< 1	2.00	35	2500	100	227	0.56	123	10	204				
96JTS 174	201 202	1	1.54	25	1990	20	270	0.45	148	10	98				
96JTS 175	201 202	1	1.41	38	2860	20	153	0.45	138	10	138				
96JTS 176	201 202	5	1.52	43	2490	20	148	0.44	142	10	160				
96JTS 177	201 202	< 1	1.56	40	1560	10	118	0.39	210	10	118				
96JTS 178	201 202	2	1.60	42	2430	12	177	0.51	158	10	110				
96JTS 179	201 202	5	1.68	55	1550	20	123	0.42	165	10	152				
96JTS 180	201 202	4	1.16	46	1530	16	61	0.36	195	10	148				
96JTS 181	201 202	3	1.63	31	2460	24	84	0.39	148	10	162				
96JTS 182	201 202	3	1.79	26	3140	40	128	0.47	190	10	140				
96JTS 183	201 202	2	1.51	31	2310	54	134	0.43	146	10	122				
96JTS 184	201 202	4	1.86	40	2640	50	137	0.52	147	10	172				
96JTS 185	201 202	3	2.06	24	2250	108	123	0.49	180	10	164				
96JTS 186	201 202	3	1.59	40	2300	70	139	0.50	152	10	232				
96JTS 187	201 202	1	1.24	23	2080	34	130	0.42	107	< 10	108				
96JTS 188	201 202	1	1.73	27	2100	24	215	0.53	137	10	96				
96JTS 189	201 202	3	1.60	66	1400	44	199	0.48	144	10	184				
96JTS 190	201 202	2	1.35	37	1750	24	160	0.47	143	10	132				
96JTS 191	201 202	3	1.44	55	2190	40	163	0.50	159	10	296				
96JTS 192	201 202	3	2.04	40	1300	30	288	0.48	123	10	140				
96JTS 193	201 202	1	2.09	23	1970	8	258	0.43	88	10	132				
96JTS 194	201 202	3	1.99	47	1490	28	283	0.52	133	10	144				
96JTS 195	201 202	1	1.72	39	1390	76	229	0.47	141	10	224				
96JTS 196	201 202	1	1.81	45	1610	16	202	0.52	146	10	152				
96JTS 197	201 202	< 1	2.03	40	1260	24	197	0.59	201	10	140				
96JTS 198	201 202	< 1	1.80	49	1150	38	205	0.54	180	10	176				
96JTS 199	201 202	1	1.69	51	1300	48	218	0.52	167	10	192				
96JTS 200	201 202	1	1.87	40	1750	42	294	0.43	127	10	156				



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
VANCOUVER, BC  
V7X 1C4

A9631730

Comments: ATTN: M. JONES

**CERTIFICATE**

**A9631730**

(GP ) - WESTMIN RESOURCES LTD.

Project: 6112  
P.O. #:

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 20-SEP-96.

## SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	200	Dry, sieve to -80 mesh
202	200	save reject
285	200	ICP - HF digestion charge

## ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
578	200	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	200	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	200	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	200	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	200	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	200	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	200	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	200	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	200	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	200	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	200	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	200	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	200	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	200	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	200	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	200	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	200	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	200	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	200	Pb ppm: 24 element, rock & core	AAS	2	10000
582	200	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	200	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	200	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	200	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	200	Zn ppm: 24 element, rock & core	ICP-AES	2	10000



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

Page Number :1-A  
 Total Pages :5  
 Certificate Date: 20-SEP-96  
 Invoice No. :19631730  
 P.O. Number :  
 Account :GP

## CERTIFICATE OF ANALYSIS A9631730

SAMPLE	PREP CODE	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)
96JTS 201	201 202	< 0.2	8.16	570	1.0	< 2	0.89	1.0	30	53	189	6.04	1.62	3.72	1745
96JTS 202	201 202	0.6	8.07	710	1.0	< 2	1.12	2.5	29	54	194	5.90	1.53	3.26	2100
96JTS 203	201 202	0.6	8.21	930	2.5	< 2	0.82	1.0	22	93	79	4.83	1.97	1.41	1170
96JTS 204	201 202	< 0.2	9.00	1280	2.5	< 2	0.63	2.5	30	105	98	4.97	2.32	1.84	1445
96JTS 205	201 202	0.4	8.13	1180	2.5	< 2	1.27	1.5	24	72	50	4.09	2.07	1.36	1170
96JTS 206	201 202	0.6	6.71	800	2.0	< 2	0.55	2.0	18	74	32	4.32	1.73	0.85	1965
96JTS 207	201 202	< 0.2	5.56	780	1.5	< 2	0.45	5.5	11	81	26	4.56	1.58	0.55	1515
96JTS 208	201 202	12.8	8.34	1680	2.5	< 2	0.62	9.0	31	113	170	5.44	2.16	1.65	2140
96JTS 209	201 202	1.0	8.10	1220	2.0	< 2	0.20	2.5	41	132	80	7.12	2.33	1.02	3760
96JTS 210	201 202	2.4	8.09	1070	3.0	< 2	0.84	5.0	38	109	111	5.60	2.16	1.22	1720
96JTS 211	201 202	2.4	7.79	840	3.0	< 2	0.76	1.5	23	96	63	4.94	1.93	1.23	1365
96JTS 212	201 202	1.0	8.63	1300	3.5	< 2	0.20	3.0	31	108	110	5.72	2.43	1.39	1250
96JTS 213	201 202	1.8	7.28	980	2.5	< 2	0.31	3.0	29	97	75	5.16	1.88	1.12	1840
96JTS 214	201 202	0.6	7.92	980	2.0	< 2	0.44	2.0	19	99	59	4.22	1.99	1.36	1130
96JTS 215	201 202	2.0	9.68	1480	3.0	< 2	0.23	2.5	19	144	147	6.34	2.88	1.24	515
96JTS 216	201 202	0.4	7.43	930	2.0	< 2	0.56	0.5	19	86	51	3.98	1.80	1.45	1085
96JTS 217	201 202	0.4	7.77	950	2.0	< 2	0.43	0.5	22	94	57	4.18	2.01	1.43	1400
96JTS 218	201 202	< 0.2	7.43	880	2.0	< 2	0.35	0.5	16	92	46	4.29	1.79	1.38	935
96JTS 219	201 202	0.2	7.78	920	2.0	< 2	0.51	0.5	19	95	53	4.10	1.80	1.53	1225
96JTS 220	201 202	0.2	6.59	740	1.5	< 2	0.48	0.5	11	90	30	3.93	1.66	1.19	950
96JTS 221	201 202	0.4	6.82	750	1.5	< 2	0.36	0.5	15	74	43	3.72	1.41	1.25	1185
96JTS 222	201 202	< 0.2	7.37	910	2.0	< 2	0.74	1.0	15	86	45	4.25	1.88	1.37	1085
96JTS 223	201 202	< 0.2	5.48	330	1.5	< 2	0.61	1.5	9	76	20	3.70	1.12	0.79	965
96JTS 224	201 202	< 0.2	6.65	460	2.0	< 2	0.67	1.5	16	85	26	4.42	1.33	1.29	1405
96JTS 225	201 202	1.0	7.40	870	2.0	< 2	0.41	0.5	19	81	50	3.65	1.59	1.41	1100
96JTS 226	201 202	0.4	6.16	600	2.0	< 2	0.87	0.5	11	84	25	4.13	1.18	1.33	840
96JTS 227	201 202	< 0.2	6.94	780	2.0	< 2	0.59	0.5	15	85	35	3.83	1.44	1.41	1130
96JTS 228	201 202	< 0.2	6.53	690	1.0	< 2	0.42	< 0.5	8	83	33	4.04	1.27	1.36	710
96JTS 229	201 202	< 0.2	6.33	730	1.0	< 2	0.54	0.5	13	80	31	3.52	1.24	1.25	1165
96JTS 230	201 202	< 0.2	6.33	780	1.0	< 2	0.45	0.5	10	86	36	4.20	1.36	1.55	790
96JTS 231	201 202	< 0.2	6.51	620	1.0	< 2	0.56	< 0.5	9	80	32	3.67	1.08	1.47	820
96JTS 232	201 202	0.8	6.66	650	1.5	< 2	0.56	0.5	10	89	35	3.87	1.25	1.36	1020
96JTS 233	201 202	0.2	7.81	770	1.5	< 2	0.62	< 0.5	14	93	44	4.41	1.55	1.55	1220
96JTS 234	201 202	< 0.2	7.69	700	1.5	< 2	0.68	< 0.5	10	89	41	4.11	1.32	1.79	830
96JTS 235	201 202	0.4	7.82	730	1.5	< 2	0.67	0.5	11	94	48	4.20	1.49	1.62	945
96JTS 236	201 202	0.6	7.20	540	2.0	2	0.71	0.5	10	76	36	3.90	1.40	1.06	580
96JTS 237	201 202	0.4	7.63	710	2.0	2	0.62	< 0.5	14	79	42	4.17	1.70	1.42	1025
96JTS 238	201 202	0.4	7.67	850	2.0	< 2	0.68	0.5	12	83	42	4.16	1.93	1.34	800
96JTS 239	201 202	0.6	7.54	750	2.0	< 2	0.79	0.5	13	89	34	4.02	1.82	1.21	955
96JTS 240	201 202	< 0.2	6.53	770	1.5	< 2	0.71	< 0.5	10	76	28	3.37	1.46	1.39	710



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project : 6112  
 Comments: ATTN: M. JONES

Page Number : 1-B  
 Total Pages : 5  
 Certificate Date: 20-SEP-96  
 Invoice No. : I9631730  
 P.O. Number :  
 Account : GP

## CERTIFICATE OF ANALYSIS A9631730

SAMPLE	PREP CODE	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)				
96JTS 201	201 202	< 1	1.51	28	1050	72	196	0.51	215	< 10	162				
96JTS 202	201 202	2	1.54	33	1100	350	222	0.59	218	10	522				
96JTS 203	201 202	8	1.53	59	2050	160	171	0.48	142	< 10	320				
96JTS 204	201 202	5	1.27	91	1090	60	155	0.46	177	10	272				
96JTS 205	201 202	5	1.93	55	1670	72	313	0.44	126	< 10	202				
96JTS 206	201 202	9	1.30	30	2520	76	127	0.40	123	< 10	162				
96JTS 207	201 202	7	1.24	23	3090	74	108	0.47	158	< 10	210				
96JTS 208	201 202	10	1.03	81	1310	4000	133	0.47	188	< 10	1375				
96JTS 209	201 202	34	0.97	71	1850	190	90	0.48	238	< 10	282				
96JTS 210	201 202	13	0.97	137	1540	60	136	0.40	187	< 10	488				
96JTS 211	201 202	8	1.44	62	1820	22	162	0.50	138	< 10	182				
96JTS 212	201 202	21	0.93	112	770	34	98	0.42	225	< 10	380				
96JTS 213	201 202	27	0.89	90	1930	20	116	0.40	194	< 10	308				
96JTS 214	201 202	10	1.04	69	1160	18	122	0.41	162	< 10	220				
96JTS 215	201 202	43	1.04	116	1380	48	174	0.48	399	< 10	454				
96JTS 216	201 202	7	1.03	58	1310	10	146	0.39	140	< 10	138				
96JTS 217	201 202	8	1.06	63	1190	14	114	0.40	143	< 10	162				
96JTS 218	201 202	5	0.99	52	1150	12	104	0.41	138	< 10	136				
96JTS 219	201 202	5	1.00	61	1180	10	128	0.41	133	< 10	142				
96JTS 220	201 202	4	1.12	35	1960	10	103	0.48	123	< 10	110				
96JTS 221	201 202	5	0.72	49	1610	16	96	0.34	111	< 10	114				
96JTS 222	201 202	6	1.24	53	1270	12	183	0.44	133	< 10	140				
96JTS 223	201 202	4	1.18	18	3570	10	89	0.51	90	< 10	72				
96JTS 224	201 202	4	1.19	34	1750	10	108	0.45	103	< 10	114				
96JTS 225	201 202	6	0.76	58	1250	8	105	0.37	120	< 10	130				
96JTS 226	201 202	3	1.07	35	1550	8	154	0.43	113	< 10	96				
96JTS 227	201 202	4	0.93	47	1370	6	125	0.42	118	< 10	124				
96JTS 228	201 202	5	0.76	41	1170	6	97	0.39	107	< 10	100				
96JTS 229	201 202	3	0.79	39	1060	10	119	0.38	104	< 10	96				
96JTS 230	201 202	5	0.73	45	1040	4	102	0.42	124	< 10	124				
96JTS 231	201 202	4	0.83	39	1000	12	110	0.42	107	< 10	118				
96JTS 232	201 202	6	0.93	33	1600	8	107	0.47	110	< 10	126				
96JTS 233	201 202	6	1.07	49	1040	10	129	0.50	117	< 10	118				
96JTS 234	201 202	5	1.03	43	920	8	142	0.46	105	< 10	106				
96JTS 235	201 202	6	1.13	55	1120	8	141	0.44	104	< 10	156				
96JTS 236	201 202	5	1.43	43	1800	6	138	0.39	83	< 10	130				
96JTS 237	201 202	6	1.36	45	1470	8	144	0.41	102	10	122				
96JTS 238	201 202	4	1.41	48	1480	12	176	0.40	110	< 10	128				
96JTS 239	201 202	4	1.33	48	1880	8	142	0.43	106	< 10	148				
96JTS 240	201 202	2	1.17	41	1300	4	178	0.39	101	< 10	104				



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

Page Number :2-A  
 Total Pages :5  
 Certificate Date:20-SEP-96  
 Invoice No. :19631730  
 P.O. Number :  
 Account :GP

## CERTIFICATE OF ANALYSIS A9631730

SAMPLE	PREP CODE	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)
96JTS 241	201 202	< 0.2	8.41	780	2.0	< 2	1.58	1.0	38	136	237	6.33	1.78	2.39	1615
96JTS 242	201 202	< 0.2	7.99	860	1.5	< 2	1.69	< 0.5	33	133	163	6.09	1.46	2.55	1460
96JTS 243	201 202	< 0.2	8.67	690	3.0	< 2	1.31	0.5	39	128	228	6.91	1.70	2.13	1620
96JTS 244	201 202	< 0.2	7.64	840	1.5	< 2	2.32	0.5	33	129	116	5.70	1.34	2.42	1430
96JTS 245	201 202	0.4	8.36	740	2.5	< 2	1.57	0.5	37	127	199	6.17	1.85	2.07	1620
96JTS 246	201 202	0.6	7.64	670	1.5	< 2	2.16	0.5	44	139	348	7.01	1.34	2.36	1410
96JTS 247	201 202	0.4	8.76	690	2.5	< 2	1.83	0.5	56	153	420	7.93	1.58	2.52	2220
96JTS 248	201 202	0.4	8.28	720	2.0	< 2	2.11	< 0.5	47	143	342	6.83	1.58	2.38	1820
96JTS 249	201 202	< 0.2	7.22	640	1.0	< 2	2.93	0.5	34	155	108	6.40	1.14	2.40	1680
96JTS 250	201 202	0.4	8.68	750	2.5	< 2	1.69	1.5	55	146	360	7.12	1.71	2.49	1905
96JTS 251	201 202	< 0.2	7.93	690	2.0	< 2	1.91	0.5	26	124	95	5.61	1.68	1.90	1260
96JTS 252	201 202	0.6	8.05	750	2.0	< 2	2.25	1.5	55	160	360	6.86	1.55	2.60	1875
96JTS 253	201 202	< 0.2	7.51	680	2.0	< 2	2.03	< 0.5	25	112	61	5.30	1.67	1.75	1195
96JTS 254	201 202	< 0.2	8.24	880	2.0	< 2	1.96	1.5	34	133	180	5.53	1.80	2.13	1395
96JTS 255	201 202	0.6	8.00	600	2.5	< 2	2.16	1.5	43	152	348	6.51	1.58	2.33	1875
96JTS 256	201 202	0.6	7.49	500	2.0	< 2	3.57	2.0	64	187	434	6.90	1.11	2.64	2480
96JTS 257	201 202	< 0.2	6.99	610	1.5	< 2	1.67	0.5	26	129	94	5.80	1.46	1.91	1275
96JTS 258	201 202	0.4	7.00	500	1.5	< 2	2.41	1.5	49	177	271	6.89	1.09	2.69	2130
96JTS 259	201 202	0.4	7.04	680	1.0	< 2	2.05	0.5	26	130	96	5.98	1.25	2.17	1400
96JTS 260	201 202	< 0.2	7.62	470	2.5	< 2	1.61	0.5	26	121	115	6.22	1.64	1.56	1635
96JTS 261	201 202	< 0.2	7.16	260	2.5	< 2	0.91	0.5	11	59	34	5.54	1.69	0.60	1375
96JTS 262	201 202	< 0.2	8.26	590	2.0	< 2	1.46	0.5	43	174	415	7.20	1.37	2.45	1720
96JTS 263	201 202	< 0.2	7.47	460	0.5	< 2	3.56	0.5	39	204	137	6.93	0.99	2.97	2200
96JTS 264	201 202	< 0.2	6.72	520	2.0	< 2	1.34	0.5	35	169	203	6.92	1.25	1.75	1765
96JTS 265	201 202	< 0.2	7.42	610	0.5	< 2	2.70	1.5	38	179	194	6.80	1.15	2.58	2090
96JTS 266	201 202	0.4	8.16	450	2.0	< 2	2.80	0.5	29	155	169	6.69	1.76	1.85	1690
96JTS 267	201 202	< 0.2	7.97	350	2.0	< 2	1.04	0.5	26	111	76	6.11	1.73	1.05	1250
96JTS 268	201 202	0.2	6.86	930	1.0	< 2	2.43	0.5	64	216	356	9.91	1.01	2.51	4190
96JTS 269	201 202	< 0.2	6.11	600	0.5	< 2	1.79	5.0	27	171	119	7.38	1.39	1.68	1110
96JTS 270	201 202	< 0.2	7.27	620	0.5	< 2	1.88	1.0	32	191	119	7.75	1.24	1.58	1020
96JTS 271	201 202	< 0.2	6.29	1190	0.5	< 2	1.31	0.5	48	152	387	7.66	1.39	1.52	1765
96JTS 272	201 202	< 0.2	7.07	790	1.0	< 2	2.40	1.5	45	300	132	7.68	1.27	3.10	1695
96JTS 273	201 202	< 0.2	5.65	640	< 0.5	< 2	1.33	1.5	21	146	82	6.66	1.13	1.86	3150
96JTS 274	201 202	< 0.2	6.69	590	0.5	< 2	2.22	0.5	35	202	289	7.18	1.00	2.59	1460
96JTS 275	201 202	< 0.2	7.17	510	0.5	< 2	3.28	1.0	36	189	171	6.36	1.08	2.61	1500
96JTS 276	201 202	< 0.2	6.94	460	< 0.5	< 2	4.25	0.5	33	194	108	6.02	0.82	2.96	1500
96JTS 277	201 202	< 0.2	7.09	500	0.5	< 2	3.31	0.5	30	164	111	5.84	1.08	2.47	1405
96JTS 278	201 202	< 0.2	7.48	550	1.0	< 2	2.61	< 0.5	27	131	74	5.86	1.34	1.90	1160
96JTS 279	201 202	0.4	7.32	580	1.5	< 2	2.48	1.0	22	128	141	5.38	1.20	1.92	1065
96JTS 280	201 202	< 0.2	7.07	560	1.0	< 2	2.31	1.0	30	128	216	6.06	1.18	1.84	1115



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project : 6112  
 Comments: ATTN: M. JONES

Page Number :2-B  
 Total Pages :5  
 Certificate Date: 20-SEP-96  
 Invoice No. : I9631730  
 P.O. Number :  
 Account : GP

## CERTIFICATE OF ANALYSIS A9631730

SAMPLE	PREP CODE	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)				
96JTS 241	201 202	1	1.72	79	1500	20	156	0.58	183	10	150				
96JTS 242	201 202	3	1.43	63	1160	16	134	0.56	201	10	124				
96JTS 243	201 202	1	1.67	69	1640	20	117	0.53	171	< 10	168				
96JTS 244	201 202	2	1.56	57	1080	8	173	0.67	202	10	110				
96JTS 245	201 202	3	1.89	69	1690	18	163	0.58	165	< 10	136				
96JTS 246	201 202	4	1.52	81	1510	26	171	0.60	203	10	168				
96JTS 247	201 202	3	1.67	92	1480	36	143	0.63	209	10	186				
96JTS 248	201 202	3	1.81	77	1410	24	179	0.62	201	10	176				
96JTS 249	201 202	1	1.53	59	980	4	148	0.77	230	10	110				
96JTS 250	201 202	3	1.76	113	1050	52	146	0.59	188	< 10	214				
96JTS 251	201 202	3	1.97	54	1300	14	171	0.64	157	< 10	114				
96JTS 252	201 202	2	1.65	122	1350	108	166	0.61	195	10	276				
96JTS 253	201 202	2	1.99	49	950	12	195	0.65	147	< 10	100				
96JTS 254	201 202	< 1	1.93	77	1240	54	234	0.55	164	< 10	200				
96JTS 255	201 202	1	1.74	108	1110	234	144	0.59	176	10	510				
96JTS 256	201 202	1	1.61	133	1520	356	199	0.68	198	10	476				
96JTS 257	201 202	1	1.65	52	1250	66	140	0.60	168	< 10	182				
96JTS 258	201 202	< 1	1.35	112	1420	200	133	0.54	188	10	352				
96JTS 259	201 202	1	1.34	48	1250	70	135	0.64	196	< 10	156				
96JTS 260	201 202	1	1.82	49	1820	54	118	0.60	155	< 10	168				
96JTS 261	201 202	1	2.07	16	2250	16	70	0.38	68	< 10	106				
96JTS 262	201 202	2	1.44	96	1240	74	115	0.53	191	10	336				
96JTS 263	201 202	1	1.63	83	870	86	156	0.78	224	30	244				
96JTS 264	201 202	5	1.24	90	3070	82	101	0.61	144	10	204				
96JTS 265	201 202	3	1.45	81	1120	236	160	0.69	200	20	392				
96JTS 266	201 202	3	2.14	102	1660	46	179	0.75	124	10	216				
96JTS 267	201 202	5	1.97	47	1690	22	97	0.62	96	10	166				
96JTS 268	201 202	5	1.06	153	1700	120	147	0.77	190	30	352				
96JTS 269	201 202	6	1.59	74	1380	70	150	0.72	142	10	154				
96JTS 270	201 202	2	1.48	94	1170	64	165	0.80	160	10	288				
96JTS 271	201 202	4	0.88	105	2500	52	135	0.53	155	10	260				
96JTS 272	201 202	3	1.50	124	1130	16	153	0.83	211	20	260				
96JTS 273	201 202	4	1.10	48	1380	12	108	0.68	188	10	202				
96JTS 274	201 202	3	1.25	85	1070	40	142	0.66	196	10	224				
96JTS 275	201 202	1	1.70	84	1210	24	160	0.72	192	20	148				
96JTS 276	201 202	< 1	1.62	70	880	20	181	0.78	216	20	126				
96JTS 277	201 202	< 1	1.64	66	910	22	178	0.70	189	20	142				
96JTS 278	201 202	4	1.93	48	990	14	186	0.68	162	10	114				
96JTS 279	201 202	1	1.46	56	1650	130	191	0.54	170	10	240				
96JTS 280	201 202	1	1.48	58	1140	72	158	0.57	166	10	174				



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

Page Number :3-A  
 Total Pages :5  
 Certificate Date: 20-SEP-96  
 Invoice No. : I9631730  
 P.O. Number :  
 Account : GP

## CERTIFICATE OF ANALYSIS A9631730

SAMPLE	PREP CODE	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)
96JTS 281	201 202	< 0.2	6.96	440	0.5	< 2	3.38	< 0.5	46	168	143	5.68	0.85	2.61	1400
96JTS 282	201 202	< 0.2	7.14	340	< 0.5	< 2	4.18	1.5	42	204	212	6.64	0.73	3.27	1680
96JTS 283	201 202	< 0.2	6.96	360	< 0.5	< 2	4.45	1.0	38	184	144	6.60	0.76	3.17	1350
96JTS 284	201 202	< 0.2	7.29	440	1.5	< 2	1.79	0.5	29	134	205	6.19	1.41	1.75	1075
96JTS 285	201 202	< 0.2	7.29	540	0.5	< 2	3.39	0.5	42	173	187	6.06	1.06	2.81	1275
96JTS 286	201 202	< 0.2	7.44	480	0.5	< 2	3.94	1.0	47	257	223	6.54	0.89	3.40	1390
96JTS 287	201 202	< 0.2	7.58	520	0.5	< 2	3.81	1.0	52	238	324	7.00	0.86	3.47	1645
96JTS 288	201 202	< 0.2	6.92	410	0.5	< 2	3.75	1.5	36	202	209	6.58	0.85	3.02	1445
96JTS 289	201 202	< 0.2	7.51	520	1.5	< 2	2.38	< 0.5	32	153	176	5.93	1.37	2.01	1385
96JTS 290	201 202	< 0.2	7.51	580	1.0	< 2	2.57	1.0	35	160	220	6.12	1.31	2.34	1345
96JTS 291	201 202	< 0.2	7.31	480	1.5	< 2	2.08	0.5	25	132	101	5.78	1.61	1.65	1275
96JTS 292	201 202	< 0.2	7.55	650	1.0	< 2	3.12	0.5	37	177	176	6.15	1.23	2.53	1545
96JTS 293	201 202	< 0.2	7.81	580	1.5	< 2	2.90	< 0.5	33	152	163	6.01	1.34	2.34	1315
96JTS 294	201 202	0.4	6.72	1100	0.5	< 2	3.31	2.0	46	247	242	6.92	0.69	2.91	2310
96JTS 295	201 202	< 0.2	7.58	920	1.5	< 2	2.67	1.0	27	152	173	4.91	1.45	2.28	1160
96JTS 296	201 202	0.2	7.89	690	0.5	< 2	2.59	1.0	46	184	525	7.91	1.30	3.26	1265
96JTS 297	201 202	0.4	7.56	1390	0.5	< 2	3.98	1.5	51	310	203	7.51	0.83	3.28	2120
96JTS 298	201 202	< 0.2	6.44	470	0.5	< 2	2.06	0.5	17	132	103	5.55	1.45	1.60	865
96JTS 299	201 202	< 0.2	7.19	600	0.5	< 2	2.19	< 0.5	32	139	303	5.91	1.30	1.90	990
96JTS 300	201 202	0.4	6.24	540	0.5	< 2	1.14	0.5	10	123	40	6.93	1.63	0.79	710
96JTS 301	201 202	< 0.2	6.25	500	< 0.5	< 2	2.93	0.5	23	158	68	7.37	0.90	2.44	1365
96JTS 302	201 202	< 0.2	7.55	760	0.5	< 2	2.90	< 0.5	50	218	289	7.75	1.22	2.79	2800
96JTS 303	201 202	< 0.2	7.55	640	0.5	< 2	3.03	0.5	45	214	223	6.50	1.13	2.79	1675
96JTS 304	201 202	< 0.2	6.93	630	0.5	< 2	2.88	0.5	47	206	300	6.36	0.95	2.76	1825
96JTS 305	201 202	< 0.2	6.95	620	0.5	< 2	2.32	< 0.5	42	323	276	7.15	0.93	3.07	1520
96JTS 306	201 202	< 0.2	7.60	700	0.5	< 2	2.75	0.5	56	194	431	6.87	1.19	2.72	1530
96JTS 307	201 202	< 0.2	6.61	600	< 0.5	< 2	3.55	0.5	46	202	261	6.48	0.79	3.03	1650
96JTS 308	201 202	< 0.2	6.53	550	< 0.5	< 2	3.74	2.0	57	256	248	7.09	0.77	3.41	2440
96JTS 309	201 202	< 0.2	6.97	470	0.5	< 2	3.58	0.5	43	191	234	6.19	0.93	2.92	1595
96JTS 310	201 202	< 0.2	7.56	570	1.5	< 2	1.78	< 0.5	29	127	134	5.88	1.57	1.80	1410
96JTS 311	201 202	< 0.2	6.99	560	1.5	< 2	1.81	< 0.5	15	106	25	4.90	1.67	1.28	925
96JTS 312	201 202	< 0.2	6.02	420	< 0.5	< 2	3.15	1.0	41	197	221	6.02	0.72	2.95	1540
96JTS 313	201 202	0.2	7.01	470	0.5	< 2	3.31	1.0	40	186	323	5.96	0.98	2.76	1625
96JTS 314	201 202	< 0.2	6.68	480	1.5	< 2	1.12	< 0.5	13	104	27	5.25	1.68	0.87	1010
96JTS 315	201 202	< 0.2	6.07	650	0.5	< 2	2.01	< 0.5	17	114	91	5.73	1.11	1.64	1240
96JTS 316	201 202	< 0.2	7.63	580	1.5	< 2	1.83	< 0.5	16	118	51	5.48	1.71	1.45	955
96JTS 317	201 202	< 0.2	7.39	460	1.5	< 2	1.23	1.0	20	103	120	5.79	1.62	1.16	1095
96JTS 318	201 202	< 0.2	6.84	640	1.0	< 2	1.57	< 0.5	16	106	40	4.88	1.65	1.21	1125
96JTS 319	201 202	< 0.2	8.08	470	2.0	< 2	1.51	< 0.5	23	128	76	5.66	1.85	1.45	1065
96JTS 320	201 202	< 0.2	6.26	580	0.5	< 2	2.39	< 0.5	25	165	40	5.91	1.04	2.11	2190



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

Page Number :3-B  
 Total Pages :5  
 Certificate Date: 20-SEP-96  
 Invoice No. : I9631730  
 P.O. Number :  
 Account : GP

## CERTIFICATE OF ANALYSIS A9631730

SAMPLE	PREP CODE	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)				
96JTS 281	201 202	1	1.35	65	1210	44	158	0.61	190	10	154				
96JTS 282	201 202	< 1	1.23	87	970	40	178	0.65	229	20	188				
96JTS 283	201 202	< 1	1.51	74	980	22	165	0.70	233	20	142				
96JTS 284	201 202	2	1.70	49	1190	40	132	0.58	156	10	136				
96JTS 285	201 202	1	1.54	75	1050	16	214	0.65	203	20	158				
96JTS 286	201 202	1	1.66	126	1180	8	207	0.74	209	20	162				
96JTS 287	201 202	< 1	1.47	124	990	20	218	0.75	237	30	176				
96JTS 288	201 202	< 1	1.60	84	1010	42	179	0.71	221	20	182				
96JTS 289	201 202	3	1.95	58	1430	32	178	0.64	151	10	158				
96JTS 290	201 202	1	1.91	69	1390	52	190	0.67	166	10	198				
96JTS 291	201 202	2	2.12	47	1560	42	167	0.62	131	10	144				
96JTS 292	201 202	< 1	1.89	78	1410	92	227	0.69	181	40	216				
96JTS 293	201 202	3	2.08	66	1220	24	202	0.67	168	10	154				
96JTS 294	201 202	< 1	0.97	133	1480	232	224	0.70	186	20	404				
96JTS 295	201 202	1	1.99	87	1200	56	283	0.56	147	10	166				
96JTS 296	201 202	3	1.51	100	880	28	174	0.61	201	20	292				
96JTS 297	201 202	3	1.00	168	1470	166	199	0.95	216	30	384				
96JTS 298	201 202	3	1.92	40	1290	20	143	0.69	145	10	102				
96JTS 299	201 202	< 1	1.73	53	1370	14	199	0.65	162	10	136				
96JTS 300	201 202	2	1.85	20	1330	20	156	0.72	162	10	78				
96JTS 301	201 202	2	1.42	55	780	20	157	0.70	213	20	114				
96JTS 302	201 202	< 1	1.67	132	1670	24	195	0.73	184	20	164				
96JTS 303	201 202	< 1	1.59	111	1250	30	176	0.72	188	10	158				
96JTS 304	201 202	3	1.42	122	1220	24	155	0.64	179	10	222				
96JTS 305	201 202	2	1.13	135	1270	36	124	0.64	195	20	204				
96JTS 306	201 202	2	1.60	155	1230	42	180	0.65	188	10	236				
96JTS 307	201 202	< 1	1.31	107	1290	34	166	0.77	205	20	164				
96JTS 308	201 202	1	1.04	167	1280	304	143	0.70	202	30	518				
96JTS 309	201 202	1	1.50	85	1030	44	192	0.74	211	10	174				
96JTS 310	201 202	3	1.94	58	1620	46	172	0.57	143	10	204				
96JTS 311	201 202	2	2.16	30	1240	10	210	0.58	114	10	84				
96JTS 312	201 202	1	1.23	113	1190	36	144	0.67	181	20	152				
96JTS 313	201 202	< 1	1.59	124	1010	80	180	0.65	176	10	174				
96JTS 314	201 202	3	1.92	22	1890	16	151	0.64	111	< 10	80				
96JTS 315	201 202	1	1.39	46	1270	26	165	0.57	156	10	90				
96JTS 316	201 202	3	2.20	35	1710	18	215	0.65	128	10	108				
96JTS 317	201 202	4	1.82	40	1800	36	128	0.58	122	< 10	182				
96JTS 318	201 202	3	1.89	31	1860	16	199	0.64	134	10	92				
96JTS 319	201 202	2	2.18	55	1500	18	164	0.66	117	10	146				
96JTS 320	201 202	2	1.52	49	1250	38	161	0.67	185	10	110				





# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project : 6112  
 Comments: ATTN: M. JONES

Page Number :4-A  
 Total Pages :5  
 Certificate Date: 20-SEP-96  
 Invoice No. :19631730  
 P.O. Number :  
 Account :GP

## CERTIFICATE OF ANALYSIS A9631730

SAMPLE	PREP CODE		Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)
96JTS 321	201	202	1.0	7.02	530	1.5	< 2	2.28	2.5	28	136	237	5.51	1.01	1.91	1070
96JTS 322	201	202	< 0.2	7.35	730	1.5	< 2	1.46	< 0.5	9	76	16	4.58	1.53	0.82	485
96JTS 323	201	202	< 0.2	7.27	750	1.0	< 2	2.35	0.5	24	131	79	5.25	1.34	2.01	1210
96JTS 324	201	202	< 0.2	6.79	660	1.5	< 2	1.72	1.0	17	112	46	5.28	1.52	1.30	910
96JTS 325	201	202	< 0.2	6.25	530	1.0	< 2	1.39	< 0.5	9	91	24	4.73	1.41	0.89	740
96JTS 326	201	202	< 0.2	8.77	340	3.5	< 2	1.19	< 0.5	22	100	76	5.61	1.96	0.97	1080
96JTS 327	201	202	< 0.2	5.73	620	0.5	< 2	2.34	1.0	28	262	110	5.45	0.67	2.87	1160
96JTS 328	201	202	< 0.2	6.00	700	0.5	< 2	2.53	2.0	28	211	109	5.86	0.73	2.69	1285
96JTS 329	201	202	< 0.2	6.42	660	0.5	< 2	2.66	0.5	32	233	149	6.57	0.71	3.00	1385
96JTS 330	201	202	0.4	7.14	650	1.0	< 2	2.16	1.0	30	142	169	5.20	1.16	2.10	1150
96JTS 331	201	202	0.4	6.70	670	0.5	< 2	3.54	1.5	41	330	158	6.89	0.62	3.76	1565
96JTS 332	201	202	0.6	6.11	560	< 0.5	< 2	3.09	1.0	31	244	151	6.32	0.57	2.93	1520
96JTS 333	201	202	0.4	7.28	810	1.5	< 2	2.73	1.5	25	136	121	5.17	1.45	2.27	1245
96JTS 334	201	202	0.4	6.61	600	0.5	< 2	3.16	1.0	40	250	250	6.27	0.68	3.15	1535
96JTS 335	201	202	0.8	6.69	640	0.5	< 2	3.52	2.5	48	214	314	7.04	0.62	2.93	1955
96JTS 336	201	202	1.0	6.26	540	< 0.5	< 2	3.41	2.5	46	175	291	6.57	0.48	2.81	2100
96JTS 337	201	202	0.8	7.19	640	1.0	< 2	2.63	1.5	33	142	264	5.54	1.01	2.20	1395
96JTS 338	201	202	0.6	6.05	510	0.5	< 2	2.54	1.5	26	157	172	5.47	0.63	2.27	1260
96JTS 339	201	202	0.6	6.49	580	0.5	< 2	2.97	2.0	29	145	175	5.40	0.86	2.27	1360
96JTS 340	201	202	< 0.2	7.01	550	1.5	< 2	2.27	2.0	23	143	146	5.40	1.15	1.85	1205
96JTS 341	201	202	0.6	6.63	600	0.5	< 2	2.91	1.5	36	336	107	7.20	0.90	3.06	1800
96JTS 342	201	202	0.2	7.78	350	1.5	< 2	1.97	1.0	23	168	74	6.37	1.36	1.56	945
96JTS 343	201	202	0.8	4.87	470	< 0.5	< 2	2.39	0.5	22	190	89	5.00	0.57	2.11	1490
96JTS 344	201	202	0.6	6.08	560	< 0.5	< 2	2.80	3.0	53	599	184	6.65	0.68	5.41	1890
96JTS 345	201	202	< 0.2	6.74	490	0.5	< 2	2.41	1.5	31	237	82	6.33	0.89	2.56	1375
96JTS 346	201	202	< 0.2	5.94	470	0.5	< 2	2.38	0.5	23	246	63	5.87	0.89	2.51	1270
96JTS 347	201	202	< 0.2	5.64	540	0.5	< 2	2.15	1.5	39	253	73	5.42	0.68	2.62	2090
96JTS 348	201	202	< 0.2	6.87	520	0.5	< 2	1.89	1.5	37	212	108	6.62	1.11	2.44	2310
96JTS 349	201	202	< 0.2	7.16	640	0.5	< 2	2.57	0.5	38	288	130	6.20	0.89	3.12	1630
96JTS 350	201	202	< 0.2	6.94	530	1.5	< 2	2.02	1.0	31	226	74	5.80	1.13	2.31	1290
96JTS 351	201	202	< 0.2	6.64	600	0.5	< 2	2.67	2.5	42	354	186	6.07	0.79	3.43	1610
96JTS 352	201	202	0.4	6.90	650	1.0	< 2	2.42	1.5	33	271	107	6.17	1.03	2.80	1720
96JTS 353	201	202	1.4	6.72	530	1.0	< 2	2.32	1.0	34	350	200	6.42	0.85	3.04	1825
96JTS 354	201	202	0.8	6.65	680	1.0	< 2	2.46	2.5	34	334	191	6.62	0.98	3.16	2580
96JTS 355	201	202	< 0.2	5.78	540	0.5	< 2	2.15	1.5	39	401	143	5.29	0.75	3.21	1575
96JTS 356	201	202	1.2	6.59	670	0.5	< 2	2.79	4.5	43	475	221	6.35	0.81	4.16	2190
96JTS 357	201	202	0.6	6.08	620	0.5	< 2	2.00	2.0	37	389	72	6.76	0.98	2.97	2360
96JTS 358	201	202	0.4	5.56	530	0.5	< 2	1.80	3.0	26	269	61	5.38	1.01	2.31	1500
96JTS 359	201	202	0.6	6.04	490	0.5	< 2	2.13	2.0	26	278	87	5.84	0.81	2.82	1385
96JTS 360	201	202	0.2	6.62	510	0.5	< 2	2.18	2.5	34	283	146	5.55	0.94	3.16	1285



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

Page Number :4-B  
 Total Pages :5  
 Certificate Date: 20-SEP-96  
 Invoice No. : 19631730  
 P.O. Number :  
 Account : GP

## CERTIFICATE OF ANALYSIS A9631730

SAMPLE	PREP CODE	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)				
96JTS 321	201 202	4	1.37	62	1370	86	155	0.61	166	10	270				
96JTS 322	201 202	2	2.27	17	900	16	327	0.63	138	< 10	58				
96JTS 323	201 202	2	1.80	55	1320	48	204	0.65	155	10	156				
96JTS 324	201 202	5	1.95	34	1150	20	236	0.64	121	< 10	98				
96JTS 325	201 202	4	1.86	21	1920	20	200	0.51	110	< 10	64				
96JTS 326	201 202	3	2.45	43	1140	22	111	0.49	68	< 10	146				
96JTS 327	201 202	< 1	0.86	123	1380	60	134	0.67	160	10	198				
96JTS 328	201 202	< 1	1.00	94	1610	48	154	0.81	171	10	224				
96JTS 329	201 202	< 1	0.94	108	1400	70	131	0.85	189	10	244				
96JTS 330	201 202	2	1.52	68	1850	64	180	0.54	146	10	190				
96JTS 331	201 202	< 1	1.06	149	1030	96	173	0.74	217	30	300				
96JTS 332	201 202	1	1.13	117	980	86	151	0.66	202	30	316				
96JTS 333	201 202	1	1.99	61	1320	88	235	0.60	151	10	198				
96JTS 334	201 202	1	1.20	158	1160	170	169	0.65	194	20	454				
96JTS 335	201 202	1	1.10	108	890	264	175	0.65	217	30	506				
96JTS 336	201 202	< 1	0.88	84	1130	370	147	0.56	196	10	572				
96JTS 337	201 202	< 1	1.54	66	1570	180	209	0.57	163	10	290				
96JTS 338	201 202	1	1.07	69	760	310	161	0.58	170	10	420				
96JTS 339	201 202	2	1.44	61	1120	200	211	0.59	167	10	340				
96JTS 340	201 202	3	1.61	53	1490	200	227	0.62	155	10	294				
96JTS 341	201 202	1	1.45	147	940	150	165	0.81	211	20	400				
96JTS 342	201 202	2	1.83	66	1370	86	153	0.77	132	< 10	154				
96JTS 343	201 202	< 1	0.98	76	1530	124	127	0.60	156	10	218				
96JTS 344	201 202	1	1.10	412	880	214	149	0.60	177	30	476				
96JTS 345	201 202	1	1.33	109	1110	100	131	0.76	180	10	294				
96JTS 346	201 202	1	1.40	104	890	70	138	0.73	177	10	194				
96JTS 347	201 202	1	1.13	118	1560	130	133	0.63	162	< 10	250				
96JTS 348	201 202	4	1.31	113	1190	86	123	0.74	183	10	284				
96JTS 349	201 202	3	1.35	154	1170	100	151	0.67	182	20	270				
96JTS 350	201 202	2	1.62	117	930	80	135	0.62	146	< 10	234				
96JTS 351	201 202	3	1.21	206	890	192	137	0.59	196	10	388				
96JTS 352	201 202	3	1.41	132	1230	240	149	0.70	176	10	396				
96JTS 353	201 202	4	1.32	172	810	752	119	0.62	171	10	676				
96JTS 354	201 202	3	1.29	176	1110	1000	140	0.65	161	10	936				
96JTS 355	201 202	1	1.04	236	1070	360	128	0.45	140	< 10	440				
96JTS 356	201 202	3	1.26	303	1000	1000	176	0.59	188	10	948				
96JTS 357	201 202	4	1.31	159	800	640	131	0.59	185	10	686				
96JTS 358	201 202	4	1.32	113	1560	290	134	0.52	141	< 10	316				
96JTS 359	201 202	1	1.34	119	1150	340	128	0.61	153	10	474				
96JTS 360	201 202	< 1	1.52	152	1060	190	148	0.53	149	< 10	328				



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project : 6112  
 Comments: ATTN: M. JONES

Page Number :5-A  
 Total Pages :5  
 Certificate Date: 20-SEP-96  
 Invoice No. : I9631730  
 P.O. Number :  
 Account : GP

## CERTIFICATE OF ANALYSIS A9631730

SAMPLE	PREP CODE	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)
96JTS 361	201 202	< 0.2	6.78	470	1.5	< 2	1.37	0.5	21	184	39	5.80	1.35	1.38	1645
96JTS 362	201 202	< 0.2	6.12	460	1.0	< 2	1.41	2.0	22	208	43	5.29	1.27	1.74	1780
96JTS 363	201 202	0.4	6.36	580	0.5	< 2	3.01	2.0	41	278	147	6.37	0.76	3.13	1775
96JTS 364	201 202	< 0.2	6.01	480	0.5	< 2	1.45	1.0	33	640	26	6.18	1.65	3.02	1160
96JTS 365	201 202	< 0.2	7.00	470	1.5	< 2	1.53	1.0	30	445	37	5.99	1.48	2.83	1115
96JTS 366	201 202	0.4	6.38	400	1.5	< 2	1.09	0.5	12	167	28	4.91	1.47	1.07	755
96JTS 367	201 202	0.2	5.96	520	1.5	< 2	1.07	1.5	13	176	28	5.59	1.35	1.28	855
96JTS 368	201 202	0.6	6.01	410	2.0	< 2	0.83	3.5	25	128	58	5.28	1.46	0.97	1240
96JTS 369	201 202	< 0.2	5.01	1160	0.5	< 2	1.39	2.0	48	537	68	5.37	0.99	3.56	1825
96JTS 370	201 202	< 0.2	6.21	920	1.0	< 2	2.76	2.0	34	240	97	5.09	1.19	2.46	1440
96JTS 371	201 202	0.2	5.89	870	1.0	< 2	2.11	4.0	29	275	52	4.85	1.18	2.37	1360
96JTS 372	201 202	0.6	6.13	700	1.0	< 2	1.83	1.0	23	202	53	4.68	1.17	1.83	1210
96JTS 373	201 202	0.2	5.79	660	1.0	< 2	1.78	3.5	26	255	80	5.70	1.15	2.17	925
96JTS 374	201 202	0.4	6.11	820	1.0	< 2	1.80	3.0	31	241	59	5.61	1.50	2.14	1280
96JTS 375	201 202	< 0.2	6.43	890	1.5	< 2	2.11	2.0	31	220	74	5.46	1.36	2.27	1430
96JTS 376	201 202	< 0.2	5.89	990	0.5	< 2	2.39	3.0	31	203	67	5.08	1.16	2.36	1655
96JTS 377	201 202	0.4	5.81	690	1.5	< 2	2.05	6.5	28	163	71	4.88	1.38	1.78	1545
96JTS 378	201 202	< 0.2	5.84	890	1.0	< 2	1.78	2.0	24	293	108	5.36	1.01	2.98	1140
96JTS 379	201 202	0.4	6.05	970	1.0	< 2	2.36	4.0	36	260	112	5.88	1.13	3.04	1760
96JTS 380	201 202	< 0.2	6.13	700	2.0	< 2	3.43	2.0	42	216	85	7.03	1.69	3.95	2090
96JTS 381	201 202	0.6	3.71	570	< 0.5	< 2	1.43	1.5	83	1260	113	6.18	0.48	11.20	1405
96JTS 382	201 202	0.4	3.68	470	< 0.5	< 2	1.63	1.5	76	1050	95	5.70	0.53	11.00	1045
96JTS 383	201 202	< 0.2	1.54	270	< 0.5	< 2	0.57	0.5	102	1300	53	5.81	0.14	>15.00	1520
96JTS 384	201 202	0.2	1.66	350	< 0.5	< 2	0.77	2.5	101	1460	73	6.49	0.15	>15.00	1465
96JTS 385	201 202	0.2	2.05	370	< 0.5	< 2	0.85	1.5	94	1280	88	5.83	0.20	14.05	1510
96JTS 386	201 202	0.6	5.69	620	< 0.5	< 2	2.39	3.0	58	660	227	6.48	0.69	6.29	1595
96JTS 387	201 202	0.8	5.92	540	0.5	< 2	2.14	2.5	62	459	316	6.95	0.77	4.20	1705
96JTS 388	201 202	0.4	5.78	460	< 0.5	< 2	2.47	0.5	50	709	225	6.99	0.68	5.29	1350
96JTS 389	201 202	0.6	3.35	1560	< 0.5	< 2	1.47	3.0	62	677	209	5.56	0.59	6.13	1220
96JTS 390	201 202	0.6	6.19	590	0.5	< 2	1.91	2.5	66	580	272	7.87	0.91	5.06	1790
96JTS 391	201 202	3.0	5.99	710	< 0.5	< 2	1.68	5.0	87	617	484	9.31	1.08	4.86	1950
96JTS 392	201 202	2.0	6.05	390	< 0.5	4	2.40	1.0	67	499	485	9.63	0.80	4.58	2210
96JTS 393	201 202	1.8	6.55	500	< 0.5	< 2	2.28	2.0	78	595	510	9.56	1.00	5.56	2290
96JTS 394	201 202	2.4	6.39	490	< 0.5	4	2.16	2.5	78	567	600	10.95	0.96	5.15	2560
96JTS 395	201 202	0.8	6.65	320	< 0.5	2	2.94	0.5	72	584	450	7.93	0.81	5.49	2040
96JTS 396	201 202	0.6	6.62	260	< 0.5	< 2	2.27	0.5	54	386	658	7.42	0.68	3.51	1120
96JTS 397	201 202	0.4	7.30	340	< 0.5	< 2	2.12	< 0.5	68	447	512	7.50	0.79	4.29	1285
96JTS 398	201 202	1.6	6.93	400	< 0.5	2	2.46	1.5	71	497	583	8.39	0.95	4.11	2020
96JTS 399	201 202	0.8	6.87	450	< 0.5	< 2	2.35	1.0	62	401	531	7.89	0.64	3.38	1925
96JTS 400	201 202	2.0	7.71	300	< 0.5	< 2	3.11	10.0	61	456	592	7.43	0.78	4.47	2340



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

Page Number :5-B  
 Total Pages :5  
 Certificate Date: 20-SEP-96  
 Invoice No. :19631730  
 P.O. Number :  
 Account :GP

## CERTIFICATE OF ANALYSIS A9631730

SAMPLE	PREP CODE	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
96JTS 361	201 202	2	1.74	66	1290	154	131	0.62	122	< 10	184			
96JTS 362	201 202	2	1.75	84	1610	116	134	0.58	118	< 10	216			
96JTS 363	201 202	< 1	1.28	179	890	180	153	0.76	188	10	328			
96JTS 364	201 202	1	1.97	197	1550	46	125	0.55	136	10	136			
96JTS 365	201 202	1	1.86	254	1500	24	141	0.62	111	10	168			
96JTS 366	201 202	3	1.81	60	1250	60	121	0.55	93	< 10	116			
96JTS 367	201 202	2	1.58	76	2060	40	126	0.45	93	< 10	132			
96JTS 368	201 202	2	1.61	83	1550	116	89	0.45	88	< 10	148			
96JTS 369	201 202	1	0.77	277	1600	70	127	0.38	168	< 10	186			
96JTS 370	201 202	1	1.43	150	1090	172	247	0.57	159	< 10	320			
96JTS 371	201 202	2	1.48	131	680	310	218	0.47	143	< 10	520			
96JTS 372	201 202	1	1.46	100	1530	264	180	0.53	129	< 10	334			
96JTS 373	201 202	3	1.38	154	800	192	188	0.51	144	< 10	348			
96JTS 374	201 202	4	1.59	127	940	196	163	0.52	152	< 10	390			
96JTS 375	201 202	1	1.52	144	1490	136	181	0.56	152	< 10	380			
96JTS 376	201 202	1	1.29	121	560	128	198	0.50	147	< 10	710			
96JTS 377	201 202	1	1.62	114	1080	70	149	0.40	114	< 10	492			
96JTS 378	201 202	3	0.99	187	1240	114	139	0.49	159	10	590			
96JTS 379	201 202	< 1	1.10	203	760	210	163	0.65	168	< 10	904			
96JTS 380	201 202	2	0.85	142	2080	88	219	0.63	218	10	362			
96JTS 381	201 202	1	0.64	1240	870	220	104	0.33	134	30	398			
96JTS 382	201 202	< 1	0.76	1095	690	360	101	0.34	115	20	336			
96JTS 383	201 202	1	0.20	1760	280	190	38	0.14	83	20	246			
96JTS 384	201 202	1	0.19	1625	670	280	47	0.15	108	10	396			
96JTS 385	201 202	3	0.30	1495	660	260	54	0.18	110	20	308			
96JTS 386	201 202	3	1.22	516	1420	676	136	0.52	193	10	808			
96JTS 387	201 202	3	1.20	410	1350	684	116	0.57	188	10	794			
96JTS 388	201 202	1	1.20	457	1130	244	103	0.57	171	20	392			
96JTS 389	201 202	7	0.42	587	2300	320	68	0.23	259	10	452			
96JTS 390	201 202	3	0.86	467	1210	340	114	0.52	192	10	762			
96JTS 391	201 202	1	0.57	450	1190	560	101	0.49	196	20	1505			
96JTS 392	201 202	< 1	0.93	317	860	124	160	0.47	172	20	346			
96JTS 393	201 202	1	0.85	382	870	90	133	0.54	198	30	360			
96JTS 394	201 202	1	0.81	342	830	128	129	0.52	193	30	440			
96JTS 395	201 202	1	1.24	352	820	52	154	0.48	204	30	168			
96JTS 396	201 202	1	1.15	184	950	60	114	0.34	161	30	172			
96JTS 397	201 202	3	1.60	236	770	56	111	0.45	189	20	204			
96JTS 398	201 202	3	1.15	279	680	112	140	0.49	200	40	330			
96JTS 399	201 202	3	1.31	227	590	184	151	0.34	151	10	236			
96JTS 400	201 202	< 1	1.08	243	550	224	149	0.46	197	30	1345			



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
VANCOUVER, BC  
V7X 1C4

A9631731

Comments: ATTN: M. JONES

CERTIFICATE

A9631731

(GP) - WESTMIN RESOURCES LTD.

Project: 6112  
P.O. #:

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 15-SEP-96.

## SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	111	Dry, sieve to -80 mesh
202	111	save reject
285	111	ICP - HF digestion charge

## ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
578	111	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	111	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	111	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	111	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	111	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	111	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	111	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	111	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	111	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	111	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	111	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	111	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	111	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	111	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	111	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	111	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	111	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	111	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	111	Pb ppm: 24 element, rock & core	AAS	2	10000
582	111	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	111	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	111	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	111	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	111	Zn ppm: 24 element, rock & core	ICP-AES	2	10000



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

Page Number :1-A  
 Total Pages :3  
 Certificate Date: 15-SEP-96  
 Invoice No. :19631731  
 P.O. Number :  
 Account :GP

## CERTIFICATE OF ANALYSIS A9631731

SAMPLE	PREP CODE	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)
96JTS 401	201 202	4.8	6.64	340	0.5	16	2.46	4.0	71	487	1370	9.65	1.03	5.39	2610
96JTS 402	201 202	1.4	6.59	570	0.5	6	2.97	6.0	63	480	316	7.16	0.86	4.95	1855
96JTS 403	201 202	0.8	6.96	310	0.5	10	3.29	1.5	70	505	336	6.54	0.69	5.33	1465
96JTS 404	201 202	2.2	6.58	410	1.0	12	2.26	1.5	86	292	475	8.30	0.74	3.41	1935
96JTS 405	201 202	2.8	7.24	460	2.0	20	2.67	2.5	71	320	223	6.58	0.93	3.40	1815
96JTS 406	201 202	1.8	6.72	410	1.5	12	2.61	3.5	48	326	210	6.55	0.74	3.45	1935
96JTS 407	201 202	7.0	4.82	350	2.5	40	2.03	7.0	60	317	599	11.25	0.53	3.24	2940
96JTS 408	201 202	0.8	7.62	410	2.0	12	1.51	2.0	29	220	137	6.34	1.37	2.28	1130
96JTS 409	201 202	9.8	7.26	740	4.0	30	1.59	12.5	66	368	408	8.38	1.20	3.12	4430
96JTS 410	201 202	0.4	6.54	470	1.0	< 2	2.47	2.0	47	590	148	5.99	0.61	5.29	1375
96JTS 411	201 202	0.4	6.40	410	0.5	10	2.38	1.5	31	391	303	6.58	0.71	3.76	980
96JTS 412	201 202	< 0.2	6.83	380	1.5	2	2.60	0.5	32	225	93	5.41	0.93	2.82	990
96JTS 413	201 202	< 0.2	7.05	410	1.5	6	3.01	0.5	27	187	64	5.68	0.95	2.57	1025
96JTS 414	201 202	< 0.2	6.41	410	1.5	8	2.01	0.5	27	157	92	4.95	1.00	3.00	920
96JTS 415	201 202	< 0.2	7.62	490	2.0	6	2.95	0.5	33	192	109	5.73	1.06	2.85	1215
96JTS 416	201 202	< 0.2	6.76	400	1.5	2	2.20	1.0	23	149	108	5.06	0.99	1.92	820
96JTS 417	201 202	< 0.2	8.53	430	2.5	4	2.30	0.5	29	170	64	6.51	1.63	2.07	1235
96JTS 418	201 202	0.4	6.35	550	0.5	2	2.36	2.5	53	488	173	6.50	0.56	4.34	1280
96JTS 419	201 202	< 0.2	6.49	320	1.0	< 2	4.17	1.5	39	168	107	7.09	0.63	3.30	1585
96JTS 420	201 202	0.8	7.10	390	1.0	2	3.34	1.5	47	226	245	7.33	0.72	3.52	1550
96JTS 421	201 202	0.4	7.06	430	1.5	< 2	3.02	1.0	40	185	167	6.54	0.84	2.91	1415
96JTS 422	201 202	0.2	6.97	410	0.5	2	3.14	0.5	68	239	368	7.69	0.67	3.67	1535
96JTS 423	201 202	< 0.2	7.18	490	2.0	< 2	2.92	0.5	32	198	75	5.68	1.10	2.75	1215
96JTS 424	201 202	< 0.2	6.05	360	0.5	< 2	2.55	3.0	46	327	141	5.69	0.66	3.80	1340
96JTS 425	201 202	< 0.2	7.06	380	1.5	< 2	2.56	0.5	41	288	115	5.69	1.00	3.49	1255
96JTS 426	201 202	0.4	7.01	500	2.0	2	2.50	1.5	39	244	79	5.43	1.16	2.90	1550
96JTS 427	201 202	< 0.2	7.12	510	2.0	2	2.80	1.5	35	233	69	5.49	1.12	2.93	1160
96JTS 428	201 202	< 0.2	6.29	570	1.5	2	3.66	1.5	36	355	81	5.63	0.97	3.74	1310
96JTS 429	201 202	< 0.2	6.51	650	1.5	< 2	2.83	1.0	35	315	82	5.50	1.10	3.21	1265
96JTS 430	201 202	< 0.2	5.85	690	1.5	< 2	2.12	0.5	19	366	30	5.19	1.23	2.25	855
96JTS 431	201 202	< 0.2	7.26	730	2.5	2	1.85	0.5	32	199	64	5.34	1.56	2.17	1170
96JTS 432	201 202	< 0.2	6.68	620	2.0	< 2	1.35	2.5	35	234	81	5.61	1.30	2.34	1110
96JTS 433	201 202	< 0.2	6.13	810	1.5	6	2.93	1.0	33	381	74	5.32	1.05	3.91	1375
96JTS 434	201 202	0.2	5.99	750	1.0	< 2	2.76	0.5	32	407	59	5.22	1.00	3.73	1335
96JTS 435	201 202	1.4	5.85	1140	1.5	< 2	1.89	8.0	76	593	256	7.04	0.97	5.99	2690
96JTS 436	201 202	0.2	6.34	610	1.0	< 2	2.81	2.5	70	461	152	7.19	0.85	4.59	2440
96JTS 437	201 202	0.2	6.30	440	1.0	< 2	3.78	1.5	49	472	263	7.11	0.72	4.49	1690
96JTS 438	201 202	< 0.2	6.45	580	2.0	< 2	3.23	1.0	54	416	269	6.45	0.97	4.61	1395
96JTS 439	201 202	< 0.2	5.99	570	1.5	< 2	2.29	0.5	47	697	48	5.17	1.08	6.08	1265
96JTS 440	201 202	< 0.2	7.00	470	2.0	2	1.49	0.5	19	202	35	6.28	1.55	1.59	965

11 12 13



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Page Number : 1-B  
 Total Pages : 3  
 Certificate Date: 15-SEP-96  
 Invoice No. : I9631731  
 P.O. Number :  
 Account : GP

Project : 6112  
 Comments: ATTN: M. JONES

## CERTIFICATE OF ANALYSIS A9631731

SAMPLE	PREP CODE	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
96JTS 401	201 202	< 1	0.83	289	710	216	114	0.56	227	60	512			
96JTS 402	201 202	1	1.10	283	900	770	148	0.55	228	30	960			
96JTS 403	201 202	< 1	1.17	346	740	300	140	0.46	201	40	342			
96JTS 404	201 202	3	1.21	212	1490	400	104	0.68	218	60	512			
96JTS 405	201 202	1	1.70	154	1110	710	138	0.64	187	30	1340			
96JTS 406	201 202	1	1.45	174	1070	710	123	0.58	201	20	1015			
96JTS 407	201 202	5	0.73	201	900	2700	66	0.43	152	40	1960			
96JTS 408	201 202	5	1.76	112	1130	420	124	0.68	150	10	644			
96JTS 409	201 202	12	1.14	242	1400	890	103	0.71	209	40	2790			
96JTS 410	201 202	< 1	1.26	411	850	220	91	0.47	193	20	756			
96JTS 411	201 202	2	1.26	232	1160	170	103	0.41	156	20	330			
96JTS 412	201 202	1	1.71	109	780	68	128	0.60	174	10	138			
96JTS 413	201 202	< 1	1.92	75	700	50	145	0.74	196	20	132			
96JTS 414	201 202	1	1.58	75	1200	64	131	0.54	152	10	134			
96JTS 415	201 202	< 1	1.90	94	1100	66	189	0.67	193	10	178			
96JTS 416	201 202	1	1.68	66	1170	64	140	0.60	157	10	128			
96JTS 417	201 202	3	2.36	79	990	132	150	0.77	172	10	206			
96JTS 418	201 202	< 1	1.12	293	1290	180	100	0.50	241	20	334			
96JTS 419	201 202	< 1	2.08	87	950	62	143	1.00	289	30	152			
96JTS 420	201 202	< 1	1.54	144	1090	152	141	0.59	268	30	296			
96JTS 421	201 202	1	1.76	120	1210	100	156	0.72	232	20	218			
96JTS 422	201 202	< 1	1.42	177	1070	116	131	0.56	274	30	234			
96JTS 423	201 202	< 1	2.04	115	1100	48	197	0.76	194	10	128			
96JTS 424	201 202	< 1	1.33	232	1030	60	126	0.56	195	20	178			
96JTS 425	201 202	2	1.76	209	1100	46	141	0.54	169	10	144			
96JTS 426	201 202	< 1	1.83	188	1420	50	167	0.61	173	10	142			
96JTS 427	201 202	< 1	1.89	153	1030	44	183	0.64	185	10	120			
96JTS 428	201 202	< 1	1.95	200	1090	72	201	0.70	205	10	158			
96JTS 429	201 202	< 1	1.73	212	1030	92	174	0.62	183	10	208			
96JTS 430	201 202	1	1.64	101	1020	80	191	0.74	206	10	104			
96JTS 431	201 202	< 1	1.95	162	1390	100	216	0.57	148	10	202			
96JTS 432	201 202	< 1	1.51	223	1600	152	142	0.51	157	10	250			
96JTS 433	201 202	1	1.52	239	1090	132	182	0.57	181	10	258			
96JTS 434	201 202	< 1	1.43	246	1340	146	174	0.57	176	20	280			
96JTS 435	201 202	3	0.86	545	1570	690	241	0.48	238	30	1020			
96JTS 436	201 202	2	0.87	384	1980	172	168	0.74	193	30	490			
96JTS 437	201 202	< 1	1.31	354	1340	76	159	0.82	197	30	274			
96JTS 438	201 202	< 1	1.31	293	1800	76	159	0.71	210	30	276			
96JTS 439	201 202	1	1.49	606	990	64	161	0.49	132	20	168			
96JTS 440	201 202	5	1.92	92	990	56	140	0.63	127	10	128			



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

Page Number :2-A  
 Total Pages :3  
 Certificate Date: 15-SEP-96  
 Invoice No. :19631731  
 P.O. Number :  
 Account :GP

## CERTIFICATE OF ANALYSIS A9631731

SAMPLE	PREP CODE	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)
96JTS 441	201 202	0.2	6.41	610	2.0	< 2	2.18	3.0	27	282	53	5.59	1.35	2.73	1210
96JTS 442	201 202	1.2	5.72	1020	1.0	< 2	2.84	11.5	53	754	180	6.47	0.96	5.78	2040
96JTS 443	201 202	0.4	6.41	870	1.5	< 2	2.49	2.0	35	351	153	5.60	1.02	3.62	1325
96JTS 444	201 202	0.6	6.42	1060	1.0	< 2	2.45	2.0	39	304	128	5.58	1.04	3.12	1875
96JTS 445	201 202	0.4	6.75	750	2.0	2	2.14	1.0	26	186	76	5.08	1.33	2.22	1045
96JTS 446	201 202	0.8	6.09	620	2.0	4	1.57	0.5	19	163	81	4.53	1.34	1.75	935
96JTS 447	201 202	0.8	5.45	930	0.5	6	2.72	1.0	17	242	49	5.32	1.07	2.24	835
96JTS 448	201 202	0.8	5.46	710	1.5	< 2	1.25	1.0	31	420	108	6.55	1.03	3.18	945
96JTS 449	201 202	0.4	6.38	930	1.5	4	1.65	1.5	35	289	130	5.27	1.17	2.54	1330
96JTS 450	201 202	0.8	7.02	340	3.0	2	1.15	2.0	26	156	40	6.07	1.96	1.20	1225
96JTS 451	201 202	0.8	8.22	1390	2.5	8	1.68	1.5	22	76	72	4.19	2.55	1.72	1085
96JTS 452	201 202	0.8	7.18	1230	0.5	< 2	2.84	1.5	44	142	135	6.34	0.99	3.42	2400
96JTS 453	201 202	0.4	7.39	1240	0.5	< 2	3.28	0.5	45	169	147	6.54	0.84	3.72	2580
96JTS 454	201 202	0.4	7.43	900	0.5	< 2	3.05	2.0	46	183	160	6.62	0.70	3.61	2480
96JTS 455	201 202	0.4	7.88	1330	1.5	< 2	2.93	1.5	42	177	238	6.10	1.06	2.94	2580
96JTS 456	201 202	0.2	7.48	1660	0.5	< 2	2.90	2.0	36	148	183	6.37	0.80	3.15	2340
96JTS 457	201 202	0.4	7.15	1610	0.5	4	2.42	0.5	36	133	146	6.57	0.97	3.07	2600
96JTS 458	201 202	0.4	7.47	1090	1.5	4	2.80	1.0	38	160	114	6.23	1.10	3.24	2080
96JTS 459	201 202	0.4	6.98	1300	0.5	< 2	2.54	1.5	34	134	121	5.87	0.92	3.09	2240
96JTS 460	201 202	< 0.2	7.20	1130	1.0	< 2	2.87	0.5	31	123	116	5.75	0.98	3.06	1885
96JTS 461	201 202	0.2	7.22	1210	1.0	< 2	3.28	1.0	31	150	99	5.83	1.01	3.11	1885
96JTS 462	201 202	< 0.2	7.86	810	0.5	< 2	2.01	1.0	29	54	107	5.88	1.05	3.18	1475
96JTS 463	201 202	< 0.2	7.19	650	0.5	2	1.81	1.0	27	66	94	5.77	0.86	2.94	1345
96JTS 464	201 202	< 0.2	7.09	940	0.5	< 2	2.30	1.0	30	97	135	5.79	0.96	3.10	1690
96JTS 465	201 202	< 0.2	7.16	740	1.0	< 2	1.64	0.5	50	453	92	6.39	1.55	3.60	2030
96JTS 466	201 202	< 0.2	8.39	860	3.5	2	1.54	< 0.5	21	82	40	5.52	1.73	1.83	1145
96JTS 467	201 202	< 0.2	7.85	960	1.5	6	1.88	0.5	30	68	147	5.85	1.37	2.80	1550
96JTS 468	201 202	< 0.2	8.19	900	1.5	6	1.74	0.5	28	80	128	6.22	1.32	2.75	1705
96JTS 469	201 202	< 0.2	8.01	970	1.5	< 2	1.88	< 0.5	23	87	62	5.49	1.39	2.25	1300
96JTS 470	201 202	0.4	7.88	910	0.5	< 2	2.32	0.5	31	46	149	6.08	1.19	3.00	1630
96JTS 471	201 202	< 0.2	7.41	900	1.0	< 2	1.68	< 0.5	26	53	106	5.45	1.21	2.32	1565
96JTS 472	201 202	0.6	8.53	1480	1.5	6	1.92	< 0.5	24	56	50	5.07	1.84	2.36	1580
96JTS 473	201 202	0.2	7.77	1040	2.0	8	1.45	< 0.5	22	79	48	4.94	1.55	1.65	1370
96JTS 474	201 202	0.6	8.65	1260	2.5	< 2	1.33	< 0.5	24	75	133	5.60	2.06	2.40	1475
96JTS 475	201 202	< 0.2	8.13	1320	2.0	4	1.35	< 0.5	19	51	54	3.88	2.05	1.49	955
96JTS 476	201 202	0.6	8.27	1240	2.0	< 2	1.40	< 0.5	23	64	241	4.79	1.88	1.86	1380
96JTS 477	201 202	0.6	9.12	1660	2.5	2	0.95	< 0.5	24	54	140	4.66	2.29	2.02	1620
96JTS 478	201 202	0.2	7.68	910	2.0	2	1.20	< 0.5	15	61	33	4.44	1.87	1.29	940
96JTS 479	201 202	0.4	7.57	1070	2.5	< 2	1.36	< 0.5	14	44	46	3.31	1.83	1.37	800
96JTS 480	201 202	0.4	8.31	1680	1.5	4	0.86	< 0.5	18	27	71	3.47	2.27	2.19	1065





# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project : 6112  
 Comments: ATTN: M. JONES

Page Number :2-B  
 Total Pages :3  
 Certificate Date: 15-SEP-96  
 Invoice No. :19631731  
 P.O. Number :  
 Account :GP

## CERTIFICATE OF ANALYSIS A9631731

SAMPLE	PREP CODE	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)				
96JTS 441	201 202	1	1.68	182	1060	168	164	0.62	154	10	236				
96JTS 442	201 202	< 1	1.02	534	1420	3100	177	0.53	216	30	2280				
96JTS 443	201 202	2	1.25	225	1180	184	157	0.50	212	10	424				
96JTS 444	201 202	3	1.19	157	1140	246	172	0.48	219	10	336				
96JTS 445	201 202	1	1.67	85	840	60	173	0.55	173	10	158				
96JTS 446	201 202	4	1.55	88	1340	84	141	0.41	144	< 10	144				
96JTS 447	201 202	2	1.27	74	780	100	187	0.64	265	10	140				
96JTS 448	201 202	4	0.77	317	1000	120	177	0.52	220	10	242				
96JTS 449	201 202	4	1.46	205	1450	136	296	0.42	185	10	278				
96JTS 450	201 202	4	2.28	88	780	104	86	0.40	102	< 10	228				
96JTS 451	201 202	7	1.71	55	850	32	218	0.45	141	< 10	142				
96JTS 452	201 202	2	1.35	65	820	18	182	0.68	227	20	116				
96JTS 453	201 202	2	1.32	67	760	12	161	0.75	232	10	94				
96JTS 454	201 202	< 1	1.76	71	730	10	203	0.68	237	10	124				
96JTS 455	201 202	< 1	2.24	69	730	40	205	0.55	197	20	132				
96JTS 456	201 202	< 1	1.74	57	890	12	180	0.61	224	10	106				
96JTS 457	201 202	1	1.35	60	870	16	145	0.62	236	10	106				
96JTS 458	201 202	4	1.77	57	890	14	235	0.72	224	20	106				
96JTS 459	201 202	1	1.64	57	760	12	154	0.58	216	10	102				
96JTS 460	201 202	1	1.70	46	770	10	187	0.61	216	10	102				
96JTS 461	201 202	2	1.70	52	780	8	249	0.68	219	10	106				
96JTS 462	201 202	1	1.44	30	1060	2	155	0.60	214	10	94				
96JTS 463	201 202	2	1.54	30	1330	12	160	0.59	224	10	94				
96JTS 464	201 202	1	1.49	44	870	16	179	0.59	215	10	106				
96JTS 465	201 202	1	0.72	163	670	28	145	0.47	173	10	162				
96JTS 466	201 202	4	2.10	31	1100	16	178	0.60	133	10	98				
96JTS 467	201 202	< 1	1.81	40	1100	16	198	0.60	190	10	120				
96JTS 468	201 202	3	1.73	36	1040	20	184	0.62	199	10	122				
96JTS 469	201 202	2	1.85	32	960	20	206	0.68	161	10	106				
96JTS 470	201 202	1	1.52	28	1170	20	219	0.58	205	10	102				
96JTS 471	201 202	3	1.34	26	1020	24	188	0.52	170	10	110				
96JTS 472	201 202	2	1.63	19	960	28	223	0.55	140	10	82				
96JTS 473	201 202	5	1.80	37	1420	32	189	0.51	128	< 10	114				
96JTS 474	201 202	3	1.65	38	1390	32	194	0.54	158	10	146				
96JTS 475	201 202	1	2.34	27	1120	28	244	0.44	111	< 10	90				
96JTS 476	201 202	4	1.98	30	1020	30	200	0.52	130	10	100				
96JTS 477	201 202	6	1.75	25	930	38	130	0.44	124	10	92				
96JTS 478	201 202	4	2.14	22	1390	28	203	0.52	115	< 10	84				
96JTS 479	201 202	1	2.06	21	1160	28	234	0.40	97	< 10	72				
96JTS 480	201 202	1	1.46	14	700	28	91	0.34	100	< 10	58				



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

Page Number :3-A  
 Total Pages :3  
 Certificate Date: 15-SEP-96  
 Invoice No. :19631731  
 P.O. Number :  
 Account :GP

## CERTIFICATE OF ANALYSIS A9631731

SAMPLE	PREP CODE	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)
96JTS 481	201 202	< 0.2	9.00	1720	2.0	4	1.04	< 0.5	18	31	66	3.94	2.26	2.44	1050
96JTS 482	201 202	< 0.2	7.56	1310	1.5	2	1.40	0.5	16	38	58	3.25	1.84	1.60	850
96JTS 483	201 202	0.2	8.58	1280	2.5	2	1.38	< 0.5	17	53	53	4.38	2.13	2.23	1090
96JTS 484	201 202	< 0.2	8.35	510	3.0	2	1.45	0.5	16	97	20	5.45	1.90	1.35	775
96JTS 485	201 202	< 0.2	7.75	870	2.5	< 2	1.08	< 0.5	16	69	42	4.78	1.96	1.19	1110
96JTS 486	201 202	< 0.2	7.43	970	2.5	6	1.30	0.5	15	42	40	3.52	1.70	1.44	745
96JTS 487	201 202	< 0.2	8.83	1000	3.0	2	1.29	< 0.5	21	64	68	5.19	1.93	1.82	1290
96JTS 488	201 202	< 0.2	8.26	1300	2.0	2	1.47	< 0.5	21	51	72	4.34	1.83	2.16	1110
96JTS 489	201 202	< 0.2	7.91	1180	2.0	< 2	1.49	0.5	19	63	71	4.18	2.00	2.18	975
96JTS 490	201 202	< 0.2	7.47	1160	1.0	2	1.38	0.5	21	72	77	4.53	1.56	2.62	975
96JTS 491	201 202	< 0.2	7.75	1020	1.0	< 2	1.90	< 0.5	25	70	91	5.11	1.45	3.09	1240
96JTS 492	201 202	0.6	7.55	1260	1.5	2	1.90	< 0.5	21	57	101	4.14	1.87	2.04	1090
96JTS 493	201 202	0.4	7.45	1300	1.5	2	1.65	< 0.5	20	69	52	3.91	1.61	1.91	945
96JTS 494	201 202	0.2	7.69	1150	1.5	< 2	1.99	0.5	21	111	42	4.58	1.72	2.37	1070
96JTS 495	201 202	< 0.2	7.70	930	2.0	2	1.55	< 0.5	19	51	65	4.46	1.81	2.38	1010
96JTS 496	201 202	< 0.2	7.84	700	1.5	< 2	1.48	0.5	14	33	56	3.69	1.96	3.68	870
96JTS 497	201 202	< 0.2	7.95	950	0.5	< 2	2.09	< 0.5	29	45	129	5.80	1.25	3.21	1425
96JTS 498	201 202	0.2	8.81	1240	0.5	< 2	2.12	0.5	32	46	148	6.46	1.70	3.56	1645
96JTS 499	201 202	0.4	8.08	1120	1.5	< 2	1.54	0.5	28	82	144	5.92	1.65	3.18	1405
96JTS 500	201 202	< 0.2	8.02	1050	0.5	< 2	1.86	< 0.5	32	65	149	6.21	1.46	3.79	1525
96JTS 501	201 202	0.6	6.91	1140	1.5	2	0.82	1.5	31	97	116	5.31	1.53	2.02	1780
96JTS 502	201 202	< 0.2	6.73	1050	1.0	4	1.53	0.5	34	64	137	5.48	1.26	2.46	1795
96JTS 503	201 202	1.0	6.78	1210	1.5	< 2	1.35	1.5	28	123	163	5.46	1.18	2.36	1590
96JTS 504	201 202	0.4	7.45	910	3.0	< 2	1.16	0.5	27	63	85	4.53	1.88	1.14	985
96JTS 505	201 202	0.6	7.38	960	2.5	< 2	1.16	0.5	21	50	69	3.74	1.87	1.09	945
96JTS 506	201 202	0.6	7.46	1050	2.5	< 2	1.00	2.0	18	57	62	4.03	2.04	1.25	1050
96JTS 507	201 202	0.6	7.91	940	3.0	2	1.12	1.5	22	64	93	4.83	2.01	1.22	1070
96JTS 508	201 202	< 0.2	7.88	1190	3.0	< 2	1.50	0.5	11	36	37	2.85	2.40	0.80	565
96JTS 509	201 202	0.6	6.99	820	2.5	< 2	0.97	1.0	17	53	60	3.97	1.65	1.03	790
96JTS 510	201 202	0.4	7.19	660	3.0	6	0.91	0.5	14	55	39	4.17	1.84	0.85	930
96JTS 511	201 202	< 0.2	7.29	1140	3.0	6	1.42	0.5	9	26	20	2.09	2.30	0.66	510

11. 4. 2. 0. 0.



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

Page Number :3-B  
 Total Pages :3  
 Certificate Date: 15-SEP-96  
 Invoice No. :I9631731  
 P.O. Number :  
 Account :GP

## CERTIFICATE OF ANALYSIS A9631731

SAMPLE	PREP CODE	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)				
96JTS 481	201 202	2	1.47	14	750	24	114	0.38	109	10	68				
96JTS 482	201 202	1	1.89	22	740	16	190	0.41	103	< 10	58				
96JTS 483	201 202	1	2.04	26	1140	22	207	0.45	114	10	94				
96JTS 484	201 202	5	2.25	43	1350	10	170	0.59	97	< 10	82				
96JTS 485	201 202	5	2.15	25	1410	18	204	0.55	118	10	86				
96JTS 486	201 202	1	2.05	21	1360	22	256	0.40	104	< 10	72				
96JTS 487	201 202	2	2.12	32	1460	22	210	0.52	135	10	102				
96JTS 488	201 202	1	1.85	25	620	22	198	0.51	131	10	82				
96JTS 489	201 202	2	2.06	29	1060	20	245	0.50	141	10	80				
96JTS 490	201 202	< 1	1.68	29	940	12	172	0.54	158	10	76				
96JTS 491	201 202	3	1.72	32	1030	10	193	0.58	184	10	90				
96JTS 492	201 202	3	1.99	30	1020	22	228	0.50	132	10	88				
96JTS 493	201 202	2	2.08	27	860	14	215	0.50	127	10	68				
96JTS 494	201 202	1	1.78	31	1160	14	219	0.51	135	10	88				
96JTS 495	201 202	2	2.14	27	1060	18	295	0.43	141	10	74				
96JTS 496	201 202	< 1	1.03	23	1000	16	207	0.37	110	10	70				
96JTS 497	201 202	2	1.65	23	990	8	217	0.55	207	10	88				
96JTS 498	201 202	1	1.66	33	1130	12	212	0.62	232	10	102				
96JTS 499	201 202	4	1.39	43	1100	12	167	0.55	214	10	120				
96JTS 500	201 202	3	1.51	35	1030	4	163	0.64	214	10	98				
96JTS 501	201 202	10	0.78	73	1790	20	124	0.44	188	< 10	188				
96JTS 502	201 202	4	0.99	45	1330	16	147	0.51	178	10	124				
96JTS 503	201 202	8	1.01	76	1170	18	140	0.46	204	10	174				
96JTS 504	201 202	7	1.91	87	1380	32	273	0.39	100	10	188				
96JTS 505	201 202	6	1.86	70	1360	32	261	0.34	91	< 10	178				
96JTS 506	201 202	7	1.71	60	1140	64	242	0.36	123	< 10	212				
96JTS 507	201 202	15	1.88	76	1240	34	259	0.38	149	10	260				
96JTS 508	201 202	< 1	2.75	27	1290	32	393	0.30	73	< 10	80				
96JTS 509	201 202	11	1.73	54	1190	30	243	0.33	117	< 10	194				
96JTS 510	201 202	7	2.04	30	1440	20	202	0.36	82	< 10	104				
96JTS 511	201 202	< 1	2.63	17	1250	28	356	0.26	58	< 10	54				



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

A9631732

Comments: ATTN: M. JONES

**CERTIFICATE**

**A9631732**

(GP ) - WESTMIN RESOURCES LTD.

Project: 6112  
 P.O. #:

Samples submitted to our lab in Vancouver, BC.  
 This report was printed on 21-SEP-96.

### SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	200	Dry, sieve to -80 mesh save reject ICP - HF digestion charge
202	200	
285	200	

### ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
578	200	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	200	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	200	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	200	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	200	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	200	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	200	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	200	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	200	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	200	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	200	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	200	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	200	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	200	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	200	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	200	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	200	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	200	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	200	Pb ppm: 24 element, rock & core	AAS	2	10000
582	200	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	200	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	200	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	200	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	200	Zn ppm: 24 element, rock & core	ICP-AES	2	10000



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

Page Number :5-A  
 Total Pages :5  
 Certificate Date:21-SEP-96  
 Invoice No. :I9631732  
 P.O. Number :  
 Account :GP

## CERTIFICATE OF ANALYSIS A9631732

SAMPLE	PREP CODE	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)
96YTS 192	201 202	0.4	7.19	690	2.5	< 2	1.12	< 0.5	12	69	22	4.00	1.63	0.74	740
96YTS 193	201 202	0.1	5.58	530	2.0	< 2	0.75	< 0.5	8	60	18	3.32	1.34	0.56	670
96YTS 194	201 202	0.2	6.54	410	3.0	< 2	0.76	0.5	11	68	24	4.42	1.39	0.71	755
96YTS 195	201 202	0.4	6.69	740	2.5	< 2	1.02	1.5	16	81	36	3.89	1.54	0.79	875
96YTS 196	201 202	< 0.2	5.87	600	2.5	< 2	1.16	2.5	24	114	43	4.14	1.29	0.81	3410
96YTS 197	201 202	< 0.2	6.64	730	3.0	< 2	0.81	1.5	15	105	41	4.79	1.69	0.88	815
96YTS 198	201 202	< 0.2	7.79	1030	3.0	2	0.88	0.5	14	93	57	4.77	1.81	1.07	620
96YTS 199	201 202	0.4	4.85	740	1.5	< 2	0.60	2.0	9	75	27	2.56	1.44	0.50	615
96YTS 200	201 202	< 0.2	5.50	750	2.0	< 2	0.41	0.5	11	90	41	4.09	1.73	0.57	740



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project : 6112  
 Comments: ATTN: M. JONES

Page Number :5-B  
 Total Pages :5  
 Certificate Date: 21-SEP-96  
 Invoice No. :19631732  
 P.O. Number :  
 Account :GP

## CERTIFICATE OF ANALYSIS

A9631732

SAMPLE	PREP CODE	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)				
96YTS 192	201 202	5	1.86	27	2090	12	219	0.49	89	< 10	90				
96YTS 193	201 202	6	1.49	16	2330	20	165	0.51	101	< 10	82				
96YTS 194	201 202	7	1.51	27	2080	16	114	0.45	80	< 10	110				
96YTS 195	201 202	6	1.64	41	2210	220	219	0.42	96	< 10	150				
96YTS 196	201 202	16	1.22	64	3210	80	148	0.40	96	< 10	238				
96YTS 197	201 202	8	1.52	64	1960	172	178	0.47	106	< 10	370				
96YTS 198	201 202	11	1.61	69	1090	66	246	0.44	137	< 10	278				
96YTS 199	201 202	8	0.94	32	2140	22	133	0.37	119	< 10	140				
96YTS 200	201 202	20	1.11	40	2030	50	110	0.43	185	< 10	210				



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

A9631733

Comments: ATTN: M. JONES

**CERTIFICATE**

**A9631733**

(GP) - WESTMIN RESOURCES LTD.

Project: 6112  
 P.O. #:

Samples submitted to our lab in Vancouver, BC.  
 This report was printed on 23-SEP-96.

## SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	200	Dry, sieve to -80 mesh
202	200	save reject
285	200	ICP - HF digestion charge

## ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
578	200	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	200	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	200	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	200	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	200	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	200	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	200	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	200	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	200	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	200	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	200	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	200	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	200	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	200	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	200	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	200	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	200	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	200	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	200	Pb ppm: 24 element, rock & core	AAS	2	10000
582	200	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	200	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	200	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	200	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	200	Zn ppm: 24 element, rock & core	ICP-AES	2	10000



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

QC Page #: 1-A  
 Tot QC Pg: 2  
 Date: 23-SEP-96  
 Invoice #: 19631733  
 P.O. #: GP

Project: 6112  
 Comments: ATTN: M. JONES

## QC DATA OF CERTIFICATE A9631733

STD/DUP/BLANK DESCRIPTION	QC PAGE TYPE NO.	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)
G96-TOT	std1 1	-----	7.76	1230	1.5	< 2	2.19	0.5	21	103	187	4.93	1.88	1.05	1100
G96-TOT	std2 1	-----	7.77	1240	2.0	2	2.17	< 0.5	21	111	187	4.89	1.99	1.05	1130
G96-TOT	std1 2	-----	7.80	1200	1.5	< 2	2.15	0.5	19	108	190	4.92	1.92	1.05	1055
G96-TOT	std2 2	-----	7.49	1180	1.0	< 2	2.11	< 0.5	20	96	188	4.87	1.85	1.03	1035
G96-TOT	std1 3	-----	10.15	1560	1.5	8	2.80	< 0.5	28	134	249	6.51	2.50	1.40	1360
G96-TOT	std2 3	-----	7.70	1180	1.5	< 2	2.12	0.5	20	101	196	4.84	1.89	1.04	1050
G96-TOT	std1 4	-----	7.83	1200	1.5	< 2	2.17	< 0.5	20	104	186	4.92	1.92	1.06	1050
G96-TOT	std2 4	-----	7.96	1230	1.5	< 2	2.21	0.5	20	96	193	5.04	1.95	1.08	1095
G96-TOT	std1 5	-----	7.59	1190	1.5	< 2	2.14	0.5	20	92	185	4.89	1.85	1.04	1060
G96-TOT	std2 5	-----	7.76	1190	1.0	< 2	2.12	< 0.5	19	104	187	4.96	1.77	1.06	1015
CHEMEX MEAN	----	----	7.52	1155	0.5	< 2	2.04	1.0	16	97	177	4.41	1.86	1.03	927
GEO-96	std1 1	5.2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GEO-96	std2 1	5.2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GEO-96	std1 2	5.2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GEO-96	std2 2	5.2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GEO-96	std1 3	5.4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GEO-96	std2 3	6.4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GEO-96	std1 4	5.4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GEO-96	std2 4	5.4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GEO-96	std1 5	5.2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GEO-96	std2 5	5.4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	----	5.5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SIO2-G2	Blnk 1	< 0.2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SIO2-G2	Blnk 2	< 0.1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SIO2-G2	Blnk 3	< 0.2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SIO2-G2	Blnk 4	< 0.2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SIO2-G2	Blnk 5	< 0.2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	----	< 0.2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SIO2-T3	Blnk 1	-----	0.30	20	< 0.5	< 2	0.02	< 0.5	< 1	4	3	0.07	0.08	0.02	5
SIO2-T3	Blnk 2	-----	0.29	10	< 0.5	< 2	0.01	< 0.5	< 1	5	< 1	0.04	0.03	0.01	< 5
SIO2-T3	Blnk 3	-----	0.27	10	< 0.5	< 2	0.01	< 0.5	< 1	6	1	0.05	0.05	0.01	< 5
SIO2-T3	Blnk 4	-----	0.30	20	< 0.5	< 2	0.02	< 0.5	< 1	< 1	< 1	0.06	0.05	0.01	5
CHEMEX MEAN	----	-----	0.24	13	< 0.5	< 2	0.01	< 0.5	< 1	5	2	0.05	0.03	< 0.01	20
96YTS 201	Dup1-01	0.4	7.01	940	2.5	< 2	0.56	< 0.5	14	74	55	3.99	1.79	0.90	835
	Orig1-01	0.4	6.73	920	2.5	< 2	0.54	< 0.5	14	72	53	3.79	1.74	0.87	830
96YTS 241	Dup2-01	< 0.2	8.36	1180	2.0	< 2	0.77	< 0.5	25	56	90	5.05	1.50	2.56	2900
	Orig2-01	< 0.2	8.17	1170	2.0	< 2	0.76	< 0.5	26	60	89	4.99	1.49	2.54	2940
96YTS 281	Dup3-01	< 0.2	7.53	1160	1.5	< 2	1.10	< 0.5	30	63	124	5.66	1.90	2.60	1780
	Orig3-01	< 0.2	7.88	1220	1.5	< 2	1.14	< 0.5	31	67	129	5.98	1.97	2.73	1840
96YTS 321	Dup4-01	< 0.2	4.34	310	1.0	< 2	1.07	< 0.5	78	1195	135	6.26	0.60	10.15	1450





# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

QC Page #: 1-B  
 Tot QC Pg: 2  
 Date: 23-SEP-96  
 Invoice #: I9631733  
 P.O. #: GP

Project: 6112  
 Comments: ATTN: M. JONES

## QC DATA OF CERTIFICATE A9631733

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)				
G96-TOT	std1	1	11	1.07	23	680	-----	237	0.36	170	10	194				
G96-TOT	std2	1	11	1.12	26	690	-----	239	0.36	174	10	196				
G96-TOT	std1	2	11	1.11	23	650	-----	233	0.37	165	10	190				
G96-TOT	std2	2	11	1.08	24	640	-----	228	0.36	162	10	188				
G96-TOT	std1	3	14	1.46	26	860	-----	301	0.48	217	20	256				
G96-TOT	std2	3	10	1.08	24	650	-----	229	0.36	163	10	192				
G96-TOT	std1	4	10	1.10	23	670	-----	232	0.37	167	10	192				
G96-TOT	std2	4	8	1.13	25	680	-----	237	0.37	170	10	198				
G96-TOT	std1	5	10	1.10	24	630	-----	230	0.37	164	10	194				
G96-TOT	std2	5	13	1.07	22	600	-----	230	0.37	162	10	192				
CHEMEX MEAN	---	---	9	1.03	20	648	-----	226	0.35	156	20	186				
GEO-96	std1	1	-----	-----	-----	-----	126	-----	-----	-----	-----	-----				
GEO-96	std2	1	-----	-----	-----	-----	136	-----	-----	-----	-----	-----				
GEO-96	std1	2	-----	-----	-----	-----	126	-----	-----	-----	-----	-----				
GEO-96	std2	2	-----	-----	-----	-----	130	-----	-----	-----	-----	-----				
GEO-96	std1	3	-----	-----	-----	-----	132	-----	-----	-----	-----	-----				
GEO-96	std2	3	-----	-----	-----	-----	130	-----	-----	-----	-----	-----				
GEO-96	std1	4	-----	-----	-----	-----	128	-----	-----	-----	-----	-----				
GEO-96	std2	4	-----	-----	-----	-----	136	-----	-----	-----	-----	-----				
GEO-96	std1	5	-----	-----	-----	-----	126	-----	-----	-----	-----	-----				
GEO-96	std2	5	-----	-----	-----	-----	126	-----	-----	-----	-----	-----				
CHEMEX MEAN	---	---	-----	-----	-----	-----	120	-----	-----	-----	-----	-----				
SIO2-G2	Blnk	1	-----	-----	-----	-----	< 2	-----	-----	-----	-----	-----				
SIO2-G2	Blnk	2	-----	-----	-----	-----	< 2	-----	-----	-----	-----	-----				
SIO2-G2	Blnk	3	-----	-----	-----	-----	< 2	-----	-----	-----	-----	-----				
SIO2-G2	Blnk	4	-----	-----	-----	-----	< 2	-----	-----	-----	-----	-----				
SIO2-G2	Blnk	5	-----	-----	-----	-----	< 2	-----	-----	-----	-----	-----				
CHEMEX MEAN	---	---	-----	-----	-----	-----	< 2	-----	-----	-----	-----	-----				
SIO2-T3	Blnk	1	< 1	0.01	1	160	-----	133	0.01	5	< 10	2				
SIO2-T3	Blnk	2	< 1	0.01	< 1	140	-----	126	0.01	1	< 10	< 2				
SIO2-T3	Blnk	3	< 1	< 0.01	< 1	150	-----	129	0.01	2	< 10	< 2				
SIO2-T3	Blnk	4	< 1	< 0.01	< 1	170	-----	136	0.01	3	< 10	< 2				
CHEMEX MEAN	---	---	< 1	< 0.01	< 1	207	-----	178	< 0.01	2	< 10	< 2				
96YTS 201	Dup1-01		9	1.24	51	2160	42	169	0.34	131	< 10	168				
	Orig1-01		9	1.19	46	2050	40	166	0.34	128	< 10	160				
96YTS 241	Dup2-01		3	2.68	28	1160	28	213	0.37	156	< 10	94				
	Orig2-01		3	2.68	29	1170	28	212	0.37	159	< 10	96				
96YTS 281	Dup3-01		3	1.34	36	1000	16	121	0.55	195	< 10	110				
	Orig3-01		5	1.40	36	1040	12	127	0.58	203	< 10	116				
96YTS 321	Dup4-01		1	0.73	1010	1100	36	68	0.22	96	< 10	120				



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

QC Page #: 2-A  
 Tot QC Pg: 2  
 Date: 23-SEP-96  
 Invoice #: 19631733  
 P.O. #: GP

## QC DATA OF CERTIFICATE A9631733

STD/DUP/BLANK DESCRIPTION	QC PAGE TYPE NO.	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)
96YTS 361	Orig 4-01	< 0.2	4.31	310	1.0	< 2	1.05	< 0.5	76	1215	140	6.24	0.57	10.00	1435
	Dup 5-01	< 0.2	7.39	400	1.0	< 2	2.37	< 0.5	54	397	214	5.94	1.14	4.84	1475
	Orig 5-01	< 0.2	7.40	400	1.5	< 2	2.34	< 0.5	55	416	214	5.91	1.20	4.72	1470



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

QC Page #: 2-B  
 Tot QC Pg: 2  
 Date: 23-SEP-96  
 Invoice #: 19631733  
 P.O. #: GP

## QC DATA OF CERTIFICATE

A9631733

STD/DUP/BLANK DESCRIPTION	QC PAGE TYPE NO.	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)				
96YTS 361	Orig4-01	1	0.76	979	1040	34	67	0.22	95	< 10	118				
	Dup5-01	3	1.29	346	820	336	135	0.42	151	< 10	420				
	Orig5-01	2	1.30	347	870	340	135	0.41	152	< 10	422				



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

Page Number :1-A  
 Total Pages :5  
 Certificate Date: 23-SEP-96  
 Invoice No. :I9631733  
 P.O. Number :  
 Account :GP

## CERTIFICATE OF ANALYSIS A9631733

SAMPLE	PREP CODE	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)
96YTS 201	201 202	0.4	6.73	920	2.5	< 2	0.54	< 0.5	14	72	53	3.79	1.74	0.87	830
96YTS 202	201 202	0.4	7.66	970	3.0	< 2	0.78	1.5	28	83	71	5.09	2.05	0.93	1415
96YTS 203	201 202	0.6	8.23	1080	4.0	< 2	0.90	2.5	35	90	90	5.80	2.14	1.19	1570
96YTS 204	201 202	0.8	7.61	1110	3.0	< 2	0.87	0.5	18	83	60	4.28	2.02	1.07	980
96YTS 205	201 202	0.8	7.85	830	4.0	< 2	1.00	1.5	48	91	110	6.22	1.94	1.04	1455
96YTS 206	201 202	1.0	8.45	950	4.0	< 2	0.75	1.0	39	96	100	5.54	2.00	1.19	2100
96YTS 207	201 202	< 0.2	7.79	1310	2.5	< 2	0.50	1.5	37	107	67	5.07	2.13	1.97	2620
96YTS 208	201 202	0.4	4.76	690	1.0	4	0.74	3.0	21	41	49	3.81	1.08	1.62	2140
96YTS 209	201 202	0.4	8.37	1100	3.5	< 2	0.78	< 0.5	34	92	60	5.68	2.27	1.10	1580
96YTS 210	201 202	0.4	8.91	1370	3.5	< 2	1.20	1.0	28	95	97	5.16	2.44	1.53	1330
96YTS 211	201 202	0.8	8.67	1240	3.5	< 2	0.93	2.5	29	89	92	5.31	2.46	1.51	1820
96YTS 212	201 202	0.4	8.40	1250	3.0	< 2	1.13	< 0.5	21	76	59	4.44	2.24	1.42	1120
96YTS 213	201 202	< 0.2	8.38	1310	2.5	< 2	1.39	< 0.5	16	77	53	4.29	2.16	1.66	775
96YTS 214	201 202	1.0	8.56	920	2.5	< 2	0.75	< 0.5	29	137	134	5.91	2.12	2.08	1825
96YTS 215	201 202	0.4	9.04	1200	3.0	< 2	0.77	0.5	28	87	174	5.74	2.17	2.16	1625
96YTS 216	201 202	1.0	7.89	930	3.0	< 2	0.85	1.5	55	112	181	7.21	2.11	1.78	1985
96YTS 217	201 202	0.4	7.65	1020	2.5	< 2	0.93	2.5	42	92	128	5.73	1.99	1.81	1760
96YTS 218	201 202	0.4	8.80	1000	3.0	< 2	1.05	< 0.5	34	109	108	5.96	2.18	1.92	1775
96YTS 219	201 202	< 0.2	7.94	980	2.0	< 2	1.12	< 0.5	25	110	101	5.48	1.83	2.04	1300
96YTS 220	201 202	< 0.2	8.34	1130	3.0	< 2	1.29	< 0.5	26	99	85	5.18	2.13	1.83	1460
96YTS 221	201 202	0.2	9.02	1250	3.0	< 2	1.53	< 0.5	26	99	102	5.36	2.11	2.05	1770
96YTS 222	201 202	< 0.2	8.79	1480	2.5	< 2	1.19	< 0.5	19	75	33	3.93	2.01	1.83	1510
96YTS 223	201 202	0.2	9.04	1170	3.0	< 2	1.34	0.5	28	99	84	4.68	1.81	2.20	2090
96YTS 224	201 202	< 0.2	7.96	1280	2.0	< 2	1.54	< 0.5	22	88	36	4.43	1.81	1.75	1370
96YTS 225	201 202	0.2	7.62	1080	2.5	< 2	1.08	< 0.5	22	90	43	4.66	1.72	1.61	1525
96YTS 226	201 202	< 0.2	8.36	1650	2.5	< 2	2.02	0.5	20	73	27	3.90	1.91	1.81	1640
96YTS 227	201 202	0.2	7.84	1250	2.5	< 2	1.79	< 0.5	25	92	57	4.68	1.73	2.07	1560
96YTS 228	201 202	< 0.2	7.89	1170	2.0	< 2	1.75	< 0.5	23	101	42	4.96	1.77	1.88	1410
96YTS 229	201 202	< 0.2	8.66	1230	3.0	< 2	1.46	< 0.5	21	90	42	4.71	2.28	1.52	1100
96YTS 230	201 202	< 0.2	8.98	1350	3.0	< 2	1.17	< 0.5	23	83	59	4.65	2.20	1.72	1165
96YTS 231	201 202	< 0.2	7.70	1170	2.5	< 2	1.32	< 0.5	18	79	41	4.19	1.88	1.37	1040
96YTS 232	201 202	< 0.2	7.45	1140	2.5	< 2	1.15	< 0.5	16	69	37	3.77	1.86	1.18	870
96YTS 233	201 202	< 0.2	8.22	1140	2.5	< 2	2.17	< 0.5	31	119	167	5.60	1.91	1.98	1375
96YTS 234	201 202	< 0.2	9.81	420	8.0	< 2	1.08	< 0.5	19	65	87	6.72	2.69	1.07	1315
96YTS 235	201 202	< 0.2	6.27	510	1.5	< 2	2.53	< 0.5	44	129	190	6.54	0.90	2.62	1555
96YTS 236	201 202	< 0.2	8.26	1170	3.0	< 2	1.35	< 0.5	21	80	41	4.36	1.96	1.81	1130
96YTS 237	201 202	< 0.2	7.25	1150	2.0	< 2	1.42	< 0.5	16	62	33	3.65	1.86	1.62	865
96YTS 238	201 202	< 0.2	7.98	930	2.5	< 2	1.34	< 0.5	26	88	75	5.14	1.87	1.96	1670
96YTS 239	201 202	< 0.2	7.49	990	2.0	< 2	0.79	< 0.5	19	67	38	4.69	1.65	1.90	1305
96YTS 240	201 202	< 0.2	7.25	1400	2.0	< 2	1.15	< 0.5	17	52	31	3.85	1.79	1.58	850



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

Page Number : 1-B  
 Total Pages : 5  
 Certificate Date: 23-SEP-96  
 Invoice No. : I9631733  
 P.O. Number :  
 Account : GP

## CERTIFICATE OF ANALYSIS A9631733

SAMPLE	PREP CODE	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)				
96YTS 201	201 202	9	1.19	46	2050	40	166	0.34	128	< 10	160				
96YTS 202	201 202	12	1.57	79	1780	88	181	0.43	127	< 10	286				
96YTS 203	201 202	13	1.59	108	1550	164	195	0.45	136	< 10	632				
96YTS 204	201 202	10	1.65	57	1590	66	238	0.43	141	< 10	240				
96YTS 205	201 202	12	1.76	141	1540	68	192	0.46	114	< 10	310				
96YTS 206	201 202	11	1.48	94	2230	124	160	0.45	145	< 10	356				
96YTS 207	201 202	8	1.13	47	1570	100	89	0.41	191	< 10	202				
96YTS 208	201 202	5	0.86	19	2300	520	87	0.35	150	< 10	244				
96YTS 209	201 202	11	1.87	76	1660	72	204	0.54	148	< 10	242				
96YTS 210	201 202	7	1.94	79	1650	160	269	0.46	160	< 10	458				
96YTS 211	201 202	8	1.62	77	2120	352	193	0.42	158	< 10	538				
96YTS 212	201 202	6	1.94	50	1720	126	257	0.44	140	< 10	240				
96YTS 213	201 202	3	2.02	40	1750	48	272	0.46	154	< 10	198				
96YTS 214	201 202	3	1.15	84	2260	440	106	0.47	173	< 10	628				
96YTS 215	201 202	5	1.75	55	1480	126	160	0.46	185	< 10	330				
96YTS 216	201 202	8	1.30	105	1350	610	126	0.48	147	< 10	650				
96YTS 217	201 202	7	1.43	81	1220	220	156	0.47	142	< 10	448				
96YTS 218	201 202	6	1.83	66	1650	152	171	0.57	167	< 10	298				
96YTS 219	201 202	5	1.57	53	1560	116	155	0.56	178	< 10	210				
96YTS 220	201 202	5	1.85	54	1800	110	234	0.52	158	< 10	234				
96YTS 221	201 202	3	1.65	48	2050	136	218	0.52	161	< 10	238				
96YTS 222	201 202	3	1.68	27	1330	100	228	0.47	125	< 10	176				
96YTS 223	201 202	3	1.24	39	1530	170	195	0.39	139	< 10	280				
96YTS 224	201 202	3	2.14	34	1580	64	262	0.51	145	< 10	136				
96YTS 225	201 202	4	1.58	35	2060	106	181	0.49	151	< 10	200				
96YTS 226	201 202	5	1.90	29	1220	240	327	0.47	119	< 10	342				
96YTS 227	201 202	4	1.82	46	1260	152	223	0.53	146	< 10	290				
96YTS 228	201 202	4	1.94	38	1420	98	221	0.59	159	< 10	198				
96YTS 229	201 202	6	2.32	50	1950	70	294	0.54	136	< 10	198				
96YTS 230	201 202	4	1.95	55	1390	88	284	0.53	152	< 10	230				
96YTS 231	201 202	4	1.88	44	1610	68	265	0.47	130	< 10	194				
96YTS 232	201 202	4	1.82	40	1770	30	263	0.44	125	< 10	116				
96YTS 233	201 202	3	2.25	56	1830	34	289	0.62	181	< 10	148				
96YTS 234	201 202	4	3.37	32	950	10	98	0.38	87	< 10	216				
96YTS 235	201 202	1	1.30	62	1000	8	149	0.70	227	< 10	98				
96YTS 236	201 202	3	2.02	35	1620	28	263	0.44	126	< 10	90				
96YTS 237	201 202	1	2.17	24	1390	16	265	0.41	114	< 10	84				
96YTS 238	201 202	5	2.16	47	1530	16	217	0.46	146	< 10	112				
96YTS 239	201 202	1	2.22	27	2230	10	187	0.40	150	< 10	82				
96YTS 240	201 202	2	2.33	27	1260	14	236	0.39	124	< 10	76				



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

Page Number :2-A  
 Total Pages :5  
 Certificate Date: 23-SEP-96  
 Invoice No. : 19631733  
 P.O. Number :  
 Account : GP

## CERTIFICATE OF ANALYSIS A9631733

SAMPLE	PREP CODE	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)
96YTS 241	201 202	< 0.2	8.17	1170	2.0	< 2	0.76	< 0.5	26	60	89	4.99	1.49	2.54	2940
96YTS 242	201 202	< 0.2	7.77	1320	2.0	< 2	0.98	< 0.5	41	90	199	5.52	2.13	2.22	2320
96YTS 243	201 202	< 0.2	5.94	730	1.5	< 2	0.94	< 0.5	18	59	53	4.35	1.42	2.40	1435
96YTS 244	201 202	0.6	7.70	1330	2.5	< 2	0.62	0.5	39	89	125	6.63	2.07	2.04	3480
96YTS 245	201 202	< 0.2	6.78	1130	2.0	< 2	1.01	0.5	26	48	67	4.22	1.35	2.27	2470
96YTS 246	201 202	< 0.2	6.11	960	1.5	< 2	0.54	1.5	73	62	90	5.76	1.43	1.94	4970
96YTS 247	201 202	0.2	7.66	960	2.5	< 2	0.84	< 0.5	50	73	194	6.28	1.80	1.88	3110
96YTS 248	201 202	< 0.2	7.73	1310	2.0	< 2	0.90	< 0.5	16	58	25	3.66	2.03	1.62	970
96YTS 249	201 202	< 0.2	8.22	1140	2.5	< 2	1.10	< 0.5	26	71	97	4.84	2.13	1.94	1390
96YTS 250	201 202	< 0.2	7.52	1010	2.5	6	1.02	< 0.5	25	72	72	4.34	1.84	1.84	1335
96YTS 251	201 202	< 0.2	7.86	1140	1.5	< 2	0.91	< 0.5	33	88	140	6.36	1.52	4.01	1460
96YTS 252	201 202	< 0.2	7.84	1050	2.0	4	0.77	< 0.5	38	83	147	6.06	1.92	3.24	2330
96YTS 253	201 202	0.6	7.32	960	3.5	6	0.86	1.5	50	83	111	5.28	1.86	1.40	2250
96YTS 254	201 202	< 0.2	7.25	1050	2.0	2	0.95	1.0	31	66	87	5.47	1.74	2.66	2070
96YTS 255	201 202	0.6	8.99	1720	3.0	< 2	0.54	< 0.5	40	115	144	6.43	2.58	2.55	2320
96YTS 256	201 202	2.0	8.46	1460	3.5	< 2	0.62	3.0	334	181	489	9.72	2.24	1.91	3560
96YTS 257	201 202	0.4	8.83	970	3.5	< 2	1.03	1.0	43	103	141	6.37	2.26	1.64	2050
96YTS 258	201 202	0.6	9.03	990	3.5	< 2	0.92	< 0.5	57	103	196	6.51	2.27	1.46	1800
96YTS 259	201 202	< 0.2	8.00	1040	3.0	< 2	1.23	< 0.5	26	66	67	4.23	1.98	1.10	895
96YTS 260	201 202	< 0.2	8.54	910	3.0	< 2	1.27	< 0.5	28	104	73	5.22	2.15	1.41	1145
96YTS 261	201 202	< 0.2	6.00	640	2.0	< 2	0.67	< 0.5	10	68	15	4.06	1.68	0.62	1125
96YTS 262	201 202	< 0.2	6.92	670	3.0	< 2	0.70	< 0.5	10	60	29	4.39	1.82	0.82	1025
96YTS 263	201 202	0.2	7.41	680	2.5	< 2	0.74	< 0.5	37	78	106	5.56	1.69	1.46	1535
96YTS 264	201 202	0.2	7.36	730	2.5	< 2	0.81	< 0.5	31	79	124	5.51	1.64	1.42	1260
96YTS 265	201 202	< 0.2	7.27	880	2.5	< 2	1.04	< 0.5	27	69	104	4.31	1.68	1.37	1075
96YTS 266	201 202	< 0.2	7.10	920	2.5	< 2	1.21	1.0	29	77	112	4.48	1.72	1.49	1145
96YTS 267	201 202	0.4	5.83	610	2.0	< 2	0.74	1.5	27	80	123	4.33	1.13	1.38	1155
96YTS 268	201 202	0.4	6.61	740	2.0	< 2	0.87	2.0	55	103	152	5.60	1.28	1.86	1360
96YTS 269	201 202	0.8	7.37	880	3.0	< 2	0.70	2.0	38	93	193	6.27	1.74	1.61	1550
96YTS 270	201 202	1.4	7.60	930	2.5	< 2	0.58	2.5	47	104	204	6.96	1.93	1.66	1775
96YTS 271	201 202	0.4	8.20	1010	3.5	< 2	0.64	< 0.5	31	90	103	5.84	2.13	1.67	1515
96YTS 272	201 202	0.4	7.43	940	2.5	< 2	1.09	1.5	31	105	106	5.40	1.81	1.89	1435
96YTS 273	201 202	0.4	7.57	910	2.0	< 2	1.44	< 0.5	22	99	92	5.04	1.43	1.95	1195
96YTS 274	201 202	0.4	8.62	1370	2.5	< 2	0.61	< 0.5	27	109	112	5.81	2.23	1.81	1370
96YTS 275	201 202	0.6	7.38	880	2.0	< 2	0.78	0.5	44	93	166	6.21	1.43	2.03	3160
96YTS 276	201 202	0.2	7.48	1180	1.5	< 2	1.22	< 0.5	27	85	138	5.60	1.29	2.29	1490
96YTS 277	201 202	0.4	7.93	1500	1.5	< 2	1.38	1.5	38	93	175	6.27	1.56	2.64	2540
96YTS 278	201 202	< 0.2	7.71	1330	1.5	< 2	1.07	< 0.5	37	112	148	6.36	1.32	2.46	1840
96YTS 279	201 202	0.4	7.76	1210	2.0	< 2	1.34	< 0.5	33	84	178	6.06	1.66	2.30	2140
96YTS 280	201 202	0.4	6.95	920	1.5	< 2	1.61	< 0.5	28	79	146	5.90	1.46	3.04	1520



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

Page Number :2-B  
 Total Pages :5  
 Certificate Date: 23-SEP-96  
 Invoice No. :19631733  
 P.O. Number :  
 Account :GP

## CERTIFICATE OF ANALYSIS A9631733

SAMPLE	PREP CODE	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)				
96YTS 241	201 202	3	2.68	29	1170	28	212	0.37	159	< 10	96				
96YTS 242	201 202	3	1.35	75	1260	34	158	0.37	182	< 10	156				
96YTS 243	201 202	3	1.20	30	2020	24	152	0.28	123	< 10	86				
96YTS 244	201 202	9	1.36	59	2100	48	114	0.47	188	< 10	206				
96YTS 245	201 202	2	1.26	22	1370	126	219	0.39	140	< 10	160				
96YTS 246	201 202	6	0.95	34	2720	50	85	0.26	163	< 10	156				
96YTS 247	201 202	4	1.69	51	1860	30	154	0.43	147	< 10	146				
96YTS 248	201 202	1	1.85	24	1200	16	206	0.40	113	< 10	76				
96YTS 249	201 202	4	1.77	41	1240	24	191	0.46	144	< 10	102				
96YTS 250	201 202	1	1.55	38	1640	28	167	0.41	142	< 10	102				
96YTS 251	201 202	1	1.74	38	1010	6	121	0.56	243	< 10	98				
96YTS 252	201 202	4	1.40	45	1250	22	106	0.55	210	< 10	116				
96YTS 253	201 202	11	1.06	95	2230	54	138	0.34	146	< 10	276				
96YTS 254	201 202	< 1	1.50	35	1530	16	115	0.47	188	< 10	124				
96YTS 255	201 202	14	1.31	80	1220	32	105	0.51	213	< 10	192				
96YTS 256	201 202	38	0.88	471	1540	48	110	0.42	235	< 10	494				
96YTS 257	201 202	9	1.87	126	1690	32	192	0.48	141	< 10	298				
96YTS 258	201 202	10	1.71	168	1790	36	189	0.46	136	< 10	302				
96YTS 259	201 202	9	1.92	88	1550	20	278	0.38	111	< 10	218				
96YTS 260	201 202	7	2.07	86	1540	26	232	0.52	129	< 10	218				
96YTS 261	201 202	4	1.69	14	2910	22	161	0.47	91	< 10	76				
96YTS 262	201 202	9	1.90	20	2140	28	164	0.40	90	< 10	92				
96YTS 263	201 202	13	1.26	108	1140	26	177	0.38	120	< 10	330				
96YTS 264	201 202	19	1.25	96	1060	30	265	0.36	140	< 10	342				
96YTS 265	201 202	12	1.46	76	1010	36	337	0.34	102	< 10	190				
96YTS 266	201 202	8	1.45	86	990	32	289	0.34	111	< 10	240				
96YTS 267	201 202	13	0.88	84	1460	42	119	0.27	109	< 10	272				
96YTS 268	201 202	16	1.12	127	1440	38	147	0.30	168	< 10	368				
96YTS 269	201 202	21	1.07	137	1200	44	127	0.34	133	< 10	378				
96YTS 270	201 202	16	0.98	117	1440	352	125	0.36	140	10	410				
96YTS 271	201 202	12	1.34	94	1050	52	145	0.43	140	< 10	224				
96YTS 272	201 202	10	1.44	83	1030	64	168	0.40	141	10	222				
96YTS 273	201 202	6	1.52	61	1030	50	175	0.43	148	< 10	182				
96YTS 274	201 202	10	1.12	89	1570	80	130	0.44	168	10	268				
96YTS 275	201 202	7	1.41	73	1450	100	156	0.47	170	10	220				
96YTS 276	201 202	5	1.36	56	1120	54	137	0.49	187	< 10	156				
96YTS 277	201 202	3	1.35	58	1530	68	148	0.59	201	10	190				
96YTS 278	201 202	6	1.32	57	1720	48	122	0.52	205	10	168				
96YTS 279	201 202	6	1.04	55	1380	48	121	0.45	191	10	178				
96YTS 280	201 202	3	0.92	40	1350	26	101	0.44	205	< 10	118				



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

Page Number :3-A  
 Total Pages :5  
 Certificate Date: 23-SEP-96  
 Invoice No. : I9631733  
 P.O. Number :  
 Account : GP

## CERTIFICATE OF ANALYSIS A9631733

SAMPLE	PREP CODE	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)
96YTS 281	201 202	< 0.2	7.88	1220	1.5	< 2	1.14	< 0.5	31	67	129	5.98	1.97	2.73	1840
96YTS 282	201 202	0.2	7.24	770	2.0	< 2	2.43	< 0.5	41	81	79	5.29	1.83	1.90	2260
96YTS 283	201 202	< 0.2	5.88	830	1.5	< 2	0.87	< 0.5	18	76	45	4.26	1.31	1.55	1060
96YTS 284	201 202	< 0.2	7.19	1020	1.5	< 2	1.50	< 0.5	33	101	194	5.88	1.62	2.37	1555
96YTS 285	201 202	< 0.2	6.77	950	1.5	< 2	1.25	< 0.5	22	88	71	4.77	1.48	2.19	1090
96YTS 286	201 202	< 0.2	7.56	1190	2.0	< 2	1.10	< 0.5	33	84	127	5.42	1.66	2.40	1465
96YTS 287	201 202	< 0.2	8.00	1220	2.0	< 2	1.35	< 0.5	29	89	100	5.20	1.86	2.47	1440
96YTS 288	201 202	< 0.2	8.20	1180	2.0	< 2	0.95	< 0.5	34	99	117	5.90	1.80	2.40	1915
96YTS 289	201 202	< 0.2	7.80	1070	2.0	2	1.51	< 0.5	32	108	145	5.70	1.70	2.36	1445
96YTS 290	201 202	< 0.2	7.68	1060	1.5	< 2	1.32	< 0.5	36	104	221	5.92	1.58	2.32	1405
96YTS 291	201 202	< 0.2	6.26	830	1.0	< 2	1.72	< 0.5	23	95	101	4.62	1.20	1.90	1105
96YTS 292	201 202	< 0.2	7.61	860	1.5	< 2	2.47	< 0.5	31	118	218	5.64	1.49	2.44	1200
96YTS 293	201 202	< 0.2	7.78	680	2.0	< 2	2.38	< 0.5	27	121	146	5.55	1.57	2.15	1150
96YTS 294	201 202	0.2	7.77	720	1.5	< 2	2.11	< 0.5	28	123	202	5.62	1.46	2.32	1270
96YTS 295	201 202	< 0.2	7.90	750	1.5	< 2	2.70	< 0.5	31	130	156	5.66	1.41	2.48	1165
96YTS 296	201 202	< 0.2	7.48	860	1.5	< 2	1.93	< 0.5	28	104	145	5.52	1.42	2.14	1345
96YTS 297	201 202	0.2	7.46	760	1.5	2	1.95	< 0.5	30	106	182	5.28	1.45	2.08	1010
96YTS 298	201 202	< 0.2	7.94	930	1.5	< 2	1.73	< 0.5	31	120	169	5.79	1.51	2.46	1560
96YTS 299	201 202	< 0.2	8.53	610	1.0	< 2	2.43	< 0.5	50	174	237	7.08	1.23	3.22	2040
96YTS 300	201 202	< 0.2	6.39	740	1.0	< 2	1.28	< 0.5	24	107	70	5.19	1.13	1.82	1245
96YTS 301	201 202	0.8	6.27	450	1.5	< 2	1.83	< 0.5	67	143	393	6.63	0.98	2.58	1550
96YTS 302	201 202	0.4	7.81	600	1.5	< 2	2.04	< 0.5	61	163	298	6.85	1.39	2.72	1225
96YTS 303	201 202	0.6	7.70	630	2.0	< 2	1.74	< 0.5	51	122	201	6.83	1.39	2.22	2020
96YTS 304	201 202	1.0	8.48	480	3.0	< 2	1.38	< 0.5	62	178	226	7.70	1.50	2.43	2130
96YTS 305	201 202	0.6	6.59	580	3.0	< 2	1.33	0.5	21	90	46	4.41	1.58	1.47	1160
96YTS 306	201 202	0.4	6.12	550	2.0	< 2	2.24	< 0.5	35	408	70	5.67	1.24	4.02	1185
96YTS 307	201 202	1.4	7.23	290	1.5	< 2	3.83	< 0.5	220	113	1195	13.25	0.91	2.09	2070
96YTS 308	201 202	0.8	7.11	400	2.0	< 2	1.91	< 0.5	49	194	122	5.88	1.14	2.38	1390
96YTS 309	201 202	< 0.2	4.88	400	1.5	< 2	1.83	< 0.5	37	440	64	4.78	0.95	4.50	1195
96YTS 310	201 202	0.8	9.67	370	2.0	4	4.55	1.0	100	150	781	12.00	1.16	3.58	3070
96YTS 311	201 202	0.6	7.09	310	1.0	< 2	3.42	< 0.5	54	172	286	8.18	0.85	3.44	2180
96YTS 312	201 202	0.4	6.46	280	1.0	< 2	3.25	< 0.5	55	123	209	7.23	0.72	2.60	1530
96YTS 313	201 202	0.8	7.33	350	1.5	< 2	3.46	< 0.5	58	130	254	7.39	0.84	2.63	1750
96YTS 314	201 202	0.6	7.01	520	1.5	< 2	2.91	< 0.5	51	152	294	7.36	0.95	2.76	1605
96YTS 315	201 202	< 0.2	2.32	180	0.5	< 2	0.80	< 0.5	107	1715	35	6.98	0.31	>15.00	1395
96YTS 316	201 202	< 0.2	6.84	770	3.0	< 2	1.62	< 0.5	33	197	46	4.50	1.55	2.66	1045
96YTS 317	201 202	< 0.2	5.55	610	2.0	< 2	1.46	< 0.5	56	539	110	5.41	1.11	5.90	1195
96YTS 318	201 202	< 0.2	6.40	560	2.0	< 2	1.37	< 0.5	50	629	57	5.83	1.20	5.26	1445
96YTS 319	201 202	< 0.2	7.08	480	3.5	< 2	0.89	< 0.5	28	232	26	5.65	1.84	2.23	1345
96YTS 320	201 202	< 0.2	4.46	390	1.5	< 2	0.87	< 0.5	79	1100	65	5.66	0.84	9.80	1470





# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

Page Number :3-B  
 Total Pages :5  
 Certificate Date: 23-SEP-96  
 Invoice No. :19631733  
 P.O. Number :  
 Account :GP

## CERTIFICATE OF ANALYSIS A9631733

SAMPLE	PREP CODE	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)				
96YTS 281	201 202	5	1.40	36	1040	12	127	0.58	203	< 10	116				
96YTS 282	201 202	3	0.88	48	1290	28	131	0.36	126	< 10	124				
96YTS 283	201 202	4	1.14	27	2050	12	123	0.44	141	< 10	102				
96YTS 284	201 202	4	1.59	50	1280	12	168	0.61	183	< 10	124				
96YTS 285	201 202	4	1.47	33	1050	8	145	0.53	166	< 10	98				
96YTS 286	201 202	4	1.55	43	1030	12	144	0.54	182	< 10	124				
96YTS 287	201 202	3	1.64	41	1230	10	166	0.58	179	< 10	122				
96YTS 288	201 202	5	1.53	56	1600	22	133	0.55	194	< 10	144				
96YTS 289	201 202	1	1.79	54	1140	8	154	0.61	190	< 10	118				
96YTS 290	201 202	3	1.59	52	1270	12	143	0.54	193	< 10	132				
96YTS 291	201 202	2	1.40	33	1410	4	145	0.50	166	< 10	78				
96YTS 292	201 202	3	2.06	47	890	< 2	189	0.64	193	10	106				
96YTS 293	201 202	1	2.15	46	1020	2	179	0.65	168	< 10	114				
96YTS 294	201 202	1	1.88	49	1220	6	177	0.59	172	< 10	122				
96YTS 295	201 202	3	2.13	48	1010	6	204	0.66	187	< 10	108				
96YTS 296	201 202	2	1.82	43	1090	8	171	0.62	176	< 10	110				
96YTS 297	201 202	4	1.77	51	1350	8	179	0.58	170	< 10	134				
96YTS 298	201 202	3	1.61	54	1220	44	168	0.56	183	< 10	150				
96YTS 299	201 202	4	1.86	69	1170	10	180	0.70	234	10	136				
96YTS 300	201 202	3	1.40	32	1230	16	131	0.54	165	< 10	88				
96YTS 301	201 202	4	1.07	101	1130	36	144	0.45	187	< 10	148				
96YTS 302	201 202	3	1.41	115	1400	44	184	0.58	205	< 10	178				
96YTS 303	201 202	4	1.47	77	1300	22	149	0.62	182	< 10	140				
96YTS 304	201 202	4	1.57	123	1390	46	142	0.53	179	< 10	204				
96YTS 305	201 202	4	1.43	66	1980	24	194	0.39	106	< 10	184				
96YTS 306	201 202	1	1.29	286	1550	14	229	0.55	157	< 10	118				
96YTS 307	201 202	5	1.09	187	1620	4	188	0.29	152	10	232				
96YTS 308	201 202	4	1.28	119	1410	14	156	0.48	142	< 10	168				
96YTS 309	201 202	1	0.93	378	910	16	170	0.41	129	< 10	88				
96YTS 310	201 202	1	1.59	88	1340	6	235	0.87	361	10	240				
96YTS 311	201 202	5	1.15	70	700	24	207	0.80	294	10	200				
96YTS 312	201 202	2	1.25	74	930	8	145	0.67	237	10	154				
96YTS 313	201 202	2	1.34	78	920	8	184	0.73	250	< 10	202				
96YTS 314	201 202	3	1.24	109	1170	16	173	0.64	223	< 10	180				
96YTS 315	201 202	1	0.54	1555	580	10	51	0.14	77	10	102				
96YTS 316	201 202	4	2.01	439	1200	22	234	0.48	119	< 10	104				
96YTS 317	201 202	1	1.58	722	740	38	201	0.42	122	< 10	124				
96YTS 318	201 202	1	1.49	529	1400	42	151	0.46	133	< 10	166				
96YTS 319	201 202	4	2.07	208	1260	14	118	0.51	100	< 10	116				
96YTS 320	201 202	2	1.09	1225	700	24	94	0.28	91	10	116				



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

Page Number :4-A  
 Total Pages :5  
 Certificate Date: 23-SEP-96  
 Invoice No. : I9631733  
 P.O. Number :  
 Account : GP

## CERTIFICATE OF ANALYSIS A9631733

SAMPLE	PREP CODE	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)
96YTS 321	201 202	< 0.2	4.31	310	1.0	< 2	1.05	< 0.5	76	1215	140	6.24	0.57	10.00	1435
96YTS 322	201 202	< 0.2	6.23	380	2.5	< 2	1.15	< 0.5	65	630	70	6.20	1.26	6.87	1215
96YTS 323	201 202	< 0.2	5.58	340	2.0	< 2	1.22	< 0.5	53	782	53	5.38	0.97	6.32	1145
96YTS 324	201 202	< 0.2	3.94	250	0.5	< 2	1.57	< 0.5	79	1240	55	6.00	0.32	11.25	1605
96YTS 325	201 202	< 0.2	6.72	410	2.0	< 2	2.21	< 0.5	63	476	170	5.40	1.03	5.04	1275
96YTS 326	201 202	< 0.2	7.86	570	3.0	< 2	2.33	< 0.5	40	287	86	5.54	1.56	3.51	1325
96YTS 327	201 202	< 0.2	7.03	450	3.0	< 2	1.28	< 0.5	49	573	62	6.10	1.34	4.60	1270
96YTS 328	201 202	< 0.2	5.80	360	2.0	< 2	1.33	< 0.5	73	1005	68	6.26	0.95	8.52	1505
96YTS 329	201 202	< 0.2	5.15	330	1.5	< 2	1.69	< 0.5	63	935	75	6.12	0.63	7.56	1320
96YTS 330	201 202	< 0.2	5.15	390	2.0	< 2	0.89	< 0.5	14	196	40	3.76	1.04	1.71	655
96YTS 331	201 202	< 0.2	6.16	660	2.5	< 2	1.47	< 0.5	26	263	73	4.88	1.11	2.82	1025
96YTS 332	201 202	< 0.2	4.89	610	1.5	< 2	1.55	< 0.5	20	150	34	3.78	1.12	1.70	1565
96YTS 333	201 202	< 0.2	5.71	710	2.0	< 2	1.21	< 0.5	15	105	43	3.98	1.36	1.32	1460
96YTS 334	201 202	< 0.2	5.35	520	2.0	< 2	0.98	< 0.5	9	97	54	3.16	1.11	1.07	545
96YTS 335	201 202	< 0.2	6.79	1560	7.0	< 2	0.85	< 0.5	34	125	346	5.22	1.28	1.54	2350
96YTS 336	201 202	< 0.2	5.86	960	2.5	< 2	1.68	< 0.5	26	262	119	4.35	1.00	2.49	1300
96YTS 337	201 202	< 0.2	5.83	1000	2.5	< 2	1.13	< 0.5	23	107	136	4.84	1.25	1.38	1635
96YTS 338	201 202	< 0.2	5.74	690	2.5	< 2	1.08	< 0.5	18	95	106	3.98	1.28	1.24	1340
96YTS 339	201 202	< 0.2	3.75	860	1.0	< 2	1.18	< 0.5	12	116	32	2.68	0.82	1.26	1185
96YTS 340	201 202	< 0.2	4.00	1000	1.5	< 2	1.01	3.0	14	118	44	2.79	0.99	1.14	1565
96YTS 341	201 202	< 0.2	6.06	760	2.5	< 2	1.68	< 0.5	21	126	80	4.21	1.24	1.77	1195
96YTS 342	201 202	< 0.2	5.18	690	1.5	< 2	1.31	< 0.5	15	106	69	3.88	0.90	1.42	1135
96YTS 343	201 202	< 0.4	6.01	710	2.0	< 2	1.26	< 0.5	19	113	81	4.72	1.01	1.41	1525
96YTS 344	201 202	< 0.2	5.98	710	2.5	< 2	1.49	< 0.5	18	101	56	4.44	1.12	1.42	1375
96YTS 345	201 202	< 0.2	5.35	850	2.0	< 2	1.19	< 0.5	13	87	64	3.92	1.00	1.23	1350
96YTS 346	201 202	< 0.2	3.51	710	1.0	< 2	1.29	< 0.5	9	70	17	2.61	0.83	1.02	1360
96YTS 347	201 202	< 0.2	6.48	560	2.0	< 2	1.52	< 0.5	15	98	48	5.10	1.40	1.34	1315
96YTS 348	201 202	< 0.2	3.63	770	1.5	< 2	0.69	< 0.5	6	61	14	2.89	1.06	0.61	520
96YTS 349	201 202	< 0.2	3.86	850	1.5	< 2	1.23	< 0.5	12	90	36	3.23	0.72	1.23	910
96YTS 350	201 202	< 0.2	3.93	510	1.0	< 2	0.73	< 0.5	6	70	17	2.61	1.24	0.59	605
96YTS 351	201 202	< 0.2	5.30	610	2.0	< 2	1.24	< 0.5	14	118	35	5.31	1.25	1.26	1110
96YTS 352	201 202	< 0.2	5.01	610	2.0	< 2	1.43	< 0.5	22	132	61	4.78	0.98	1.64	1725
96YTS 353	201 202	< 0.2	7.11	690	3.5	< 2	1.29	< 0.5	23	113	54	5.08	1.39	1.33	1065
96YTS 354	201 202	< 0.2	4.15	970	1.5	< 2	0.93	< 0.5	12	91	53	4.53	0.86	1.12	995
96YTS 355	201 202	< 0.2	4.33	960	1.5	< 2	1.46	< 0.5	15	113	50	4.36	0.91	1.49	1045
96YTS 356	201 202	< 0.2	3.91	1400	1.0	< 2	1.42	< 0.5	13	137	41	3.89	0.81	1.60	905
96YTS 357	201 202	< 0.2	5.23	610	1.5	< 2	2.07	< 0.5	24	201	85	4.66	0.80	2.15	1320
96YTS 358	201 202	< 0.2	3.90	1050	1.5	< 2	0.87	< 0.5	11	85	32	3.62	1.02	0.94	945
96YTS 359	201 202	< 0.2	6.91	680	2.5	< 2	1.83	< 0.5	29	228	125	5.15	1.31	2.56	1255
96YTS 360	201 202	< 0.2	6.13	630	1.5	< 2	1.94	< 0.5	29	267	179	5.48	1.07	2.86	1240



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

Page Number :4-B  
 Total Pages :5  
 Certificate Date: 23-SEP-96  
 Invoice No. : I9631733  
 P.O. Number :  
 Account : GP

## CERTIFICATE OF ANALYSIS A9631733

SAMPLE	PREP CODE	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)				
96YTS 321	201 202	1	0.76	979	1040	34	67	0.22	95	< 10	118				
96YTS 322	201 202	4	1.63	919	820	12	117	0.42	117	< 10	112				
96YTS 323	201 202	3	1.51	847	920	14	117	0.35	93	< 10	128				
96YTS 324	201 202	< 1	0.70	1310	150	10	73	0.39	121	< 10	88				
96YTS 325	201 202	3	1.37	829	1300	36	153	0.41	131	< 10	204				
96YTS 326	201 202	1	2.10	407	1090	22	224	0.57	133	< 10	150				
96YTS 327	201 202	1	1.60	658	1170	40	115	0.45	122	< 10	194				
96YTS 328	201 202	1	1.14	954	880	44	87	0.31	112	< 10	182				
96YTS 329	201 202	3	0.90	669	890	64	86	0.30	119	< 10	216				
96YTS 330	201 202	5	1.15	113	1550	40	85	0.41	95	< 10	120				
96YTS 331	201 202	3	1.06	182	890	24	108	0.57	137	< 10	162				
96YTS 332	201 202	3	1.43	62	1540	24	144	0.47	120	< 10	82				
96YTS 333	201 202	3	1.35	39	1480	36	152	0.44	123	< 10	126				
96YTS 334	201 202	3	1.30	34	1420	32	127	0.44	100	< 10	90				
96YTS 335	201 202	4	1.04	73	1100	90	87	0.49	181	< 10	244				
96YTS 336	201 202	3	1.23	111	1120	34	115	0.42	140	< 10	128				
96YTS 337	201 202	3	1.29	59	1120	48	104	0.49	155	< 10	168				
96YTS 338	201 202	4	1.56	51	1380	28	121	0.37	96	< 10	120				
96YTS 339	201 202	1	0.93	41	1760	12	106	0.37	116	< 10	56				
96YTS 340	201 202	1	1.09	44	1590	20	106	0.33	111	< 10	134				
96YTS 341	201 202	3	1.55	73	1400	18	142	0.49	126	< 10	120				
96YTS 342	201 202	1	1.13	51	920	12	91	0.45	114	< 10	94				
96YTS 343	201 202	2	1.25	45	1530	20	89	0.52	139	< 10	120				
96YTS 344	201 202	2	1.43	46	1600	8	117	0.47	126	< 10	124				
96YTS 345	201 202	3	1.19	47	1040	12	89	0.40	114	< 10	90				
96YTS 346	201 202	1	0.92	22	950	16	93	0.52	117	< 10	42				
96YTS 347	201 202	4	1.75	33	1400	12	91	0.52	127	< 10	98				
96YTS 348	201 202	3	1.04	18	580	14	76	0.60	106	< 10	34				
96YTS 349	201 202	1	0.85	38	750	6	67	0.36	99	< 10	54				
96YTS 350	201 202	3	1.40	18	1250	20	66	0.47	86	< 10	44				
96YTS 351	201 202	4	1.45	35	800	22	78	0.63	140	< 10	100				
96YTS 352	201 202	1	1.05	49	1390	24	78	0.65	175	< 10	142				
96YTS 353	201 202	2	1.72	55	1050	4	93	0.55	103	< 10	162				
96YTS 354	201 202	3	0.88	36	610	2	57	0.43	120	< 10	90				
96YTS 355	201 202	3	1.05	48	700	10	78	0.53	129	< 10	100				
96YTS 356	201 202	2	0.85	47	1100	10	76	0.52	133	< 10	76				
96YTS 357	201 202	5	1.18	71	2000	4	102	0.52	154	< 10	118				
96YTS 358	201 202	4	0.98	36	940	8	77	0.53	96	< 10	60				
96YTS 359	201 202	3	1.79	215	1430	42	152	0.54	135	< 10	186				
96YTS 360	201 202	3	1.63	183	1030	24	147	0.51	143	< 10	118				



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

Page Number :5-A  
 Total Pages :5  
 Certificate Date: 23-SEP-96  
 Invoice No. :19631733  
 P.O. Number :  
 Account :GP

## CERTIFICATE OF ANALYSIS A9631733

SAMPLE	PREP CODE	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)
96YTS 361	201 202	< 0.2	7.40	400	1.5	< 2	2.34	< 0.5	55	416	214	5.91	1.20	4.72	1470
96YTS 362	201 202	< 0.2	6.19	550	1.5	< 2	1.65	< 0.5	58	475	218	5.86	0.96	4.88	1415
96YTS 363	201 202	< 0.2	6.34	630	2.0	< 2	2.07	< 0.5	40	337	134	5.37	1.14	3.93	1305
96YTS 364	201 202	< 0.2	7.64	790	2.5	< 2	1.95	< 0.5	44	217	285	6.24	1.52	2.80	1470
96YTS 365	201 202	< 0.2	6.49	850	2.0	< 2	1.67	< 0.5	36	188	214	5.01	1.28	2.30	1135
96YTS 366	201 202	< 0.2	5.45	930	2.5	< 2	1.91	< 0.5	28	150	182	4.92	1.00	2.16	1285
96YTS 367	201 202	< 0.2	5.28	840	2.0	< 2	1.75	< 0.5	23	138	88	4.73	0.90	1.94	1215
96YTS 368	201 202	< 0.2	7.71	880	7.0	< 2	1.47	< 0.5	49	918	119	5.94	1.74	3.59	3070
96YTS 369	201 202	< 0.2	6.37	900	2.5	< 2	1.41	< 0.5	21	143	137	4.62	1.45	1.56	1135
96YTS 370	201 202	< 0.2	5.35	900	2.5	< 2	1.83	< 0.5	26	125	101	4.87	0.98	1.95	1295
96YTS 371	201 202	< 0.2	5.61	1120	2.5	< 2	1.58	< 0.5	28	139	228	5.69	1.14	2.02	1485
96YTS 372	201 202	< 0.2	6.56	1120	2.5	< 2	1.50	< 0.5	31	163	131	5.72	1.53	1.98	1495
96YTS 373	201 202	< 0.2	6.03	1790	3.0	< 2	0.85	< 0.5	37	225	279	6.86	1.39	2.19	1415
96YTS 374	201 202	< 0.2	5.72	2040	2.5	< 2	1.10	0.5	26	229	161	6.28	1.38	2.48	1200
96YTS 375	201 202	< 0.2	6.27	1420	3.5	< 2	0.73	< 0.5	46	513	185	5.21	1.22	2.92	1595
96YTS 376	201 202	< 0.2	5.75	1000	3.5	< 2	1.38	< 0.5	29	233	120	5.92	1.00	2.10	1700
96YTS 377	201 202	< 0.2	3.53	1440	1.5	< 2	0.69	1.5	21	78	61	3.41	0.87	0.93	2040
96YTS 378	201 202	< 0.2	5.53	1830	2.5	< 2	0.79	< 0.5	23	102	140	5.41	1.28	1.46	1795
96YTS 379	201 202	< 0.2	5.65	1500	2.5	< 2	1.77	< 0.5	32	141	130	5.58	1.15	1.94	1585
96YTS 380	201 202	< 0.2	6.89	1510	2.5	10	1.85	< 0.5	41	192	225	6.00	1.14	2.28	1550
96YTS 381	201 202	< 0.2	6.88	1990	3.0	36	1.61	< 0.5	61	181	207	7.75	1.47	2.15	1770
96YTS 382	201 202	< 0.2	6.62	920	3.0	< 2	1.25	< 0.5	36	153	129	6.83	1.18	2.13	1150
96YTS 383	201 202	< 0.2	6.52	440	2.5	< 2	3.30	< 0.5	30	122	60	7.38	0.92	2.88	1375
96YTS 384	201 202	< 0.2	6.72	500	2.5	< 2	3.62	< 0.5	36	142	66	7.59	1.01	2.89	1500
96YTS 385	201 202	< 0.2	6.74	360	2.5	< 2	3.94	< 0.5	37	127	71	8.05	0.98	3.32	1460
96YTS 386	201 202	< 0.2	7.35	430	2.0	< 2	3.88	< 0.5	38	120	67	8.71	1.00	3.17	1570
96YTS 387	201 202	< 0.2	7.64	470	2.5	< 2	3.48	< 0.5	36	112	69	7.43	1.06	3.13	1190
96YTS 388	201 202	< 0.2	7.48	520	2.5	< 2	3.34	< 0.5	33	74	56	8.24	1.13	2.71	1515
96YTS 389	201 202	< 0.2	7.65	500	2.5	< 2	2.57	< 0.5	35	44	57	7.50	1.16	2.88	1245
96YTS 390	201 202	< 0.2	6.42	400	2.5	< 2	2.50	< 0.5	27	36	29	7.29	0.82	2.34	1455
96YTS 391	201 202	< 0.2	7.05	420	2.5	< 2	3.31	< 0.5	32	67	40	7.90	1.03	2.78	1445
96YTS 392	201 202	< 0.2	7.37	450	3.0	< 2	2.99	< 0.5	34	55	42	7.81	0.93	2.75	1310
96YTS 393	201 202	< 0.2	7.01	440	2.5	< 2	2.86	< 0.5	29	97	45	6.73	1.00	2.48	1150
96YTS 394	201 202	< 0.2	6.10	290	1.5	< 2	2.78	< 0.5	25	102	37	6.96	0.69	2.29	1080
96YTS 395	201 202	< 0.2	7.37	420	3.0	< 2	2.36	< 0.5	31	111	49	7.68	0.86	2.56	1310
96YTS 396	201 202	< 0.2	7.61	400	3.0	< 2	2.45	< 0.5	32	117	53	8.07	0.97	2.61	1185
96YTS 397	201 202	< 0.2	7.31	440	2.5	< 2	3.61	< 0.5	32	128	52	7.51	0.93	2.97	1340
96YTS 398	201 202	< 0.2	6.05	350	2.0	< 2	3.13	< 0.5	29	113	40	6.80	0.88	2.70	1150
96YTS 399	201 202	< 0.2	7.35	450	3.5	< 2	3.42	< 0.5	44	214	69	7.65	1.06	3.71	1345
96YTS 400	201 202	< 0.2	7.20	510	3.0	< 2	3.06	< 0.5	47	589	76	6.48	0.94	4.90	1320



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

Page Number :5-B  
 Total Pages :5  
 Certificate Date: 23-SEP-96  
 Invoice No. :19631733  
 P.O. Number :  
 Account :GP

## CERTIFICATE OF ANALYSIS A9631733

SAMPLE	PREP CODE	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)				
96YTS 361	201 202	2	1.30	347	870	340	135	0.41	152	< 10	422				
96YTS 362	201 202	2	1.40	331	940	50	132	0.40	148	< 10	148				
96YTS 363	201 202	2	1.52	319	850	32	147	0.53	147	< 10	142				
96YTS 364	201 202	4	1.86	148	1510	36	154	0.65	163	< 10	246				
96YTS 365	201 202	4	1.30	106	1270	46	145	0.63	158	< 10	174				
96YTS 366	201 202	1	1.25	88	1260	28	141	0.73	143	< 10	118				
96YTS 367	201 202	1	1.25	74	890	20	140	0.75	132	< 10	94				
96YTS 368	201 202	8	0.74	326	1320	20	81	0.61	208	10	116				
96YTS 369	201 202	1	1.65	64	1850	22	145	0.58	124	< 10	122				
96YTS 370	201 202	3	1.13	69	1520	22	130	0.78	141	< 10	116				
96YTS 371	201 202	4	1.02	75	1170	28	111	0.73	158	< 10	120				
96YTS 372	201 202	5	1.56	80	1850	24	121	0.69	149	< 10	152				
96YTS 373	201 202	5	0.53	107	1450	72	64	0.86	211	10	262				
96YTS 374	201 202	2	0.62	98	1390	24	71	0.70	193	< 10	148				
96YTS 375	201 202	3	0.52	195	1090	52	59	0.46	169	< 10	398				
96YTS 376	201 202	4	0.60	106	1240	82	98	0.70	146	< 10	270				
96YTS 377	201 202	1	0.46	44	2200	48	66	0.42	92	< 10	156				
96YTS 378	201 202	3	0.71	58	1670	46	92	0.70	146	< 10	160				
96YTS 379	201 202	2	1.06	68	1250	28	124	0.74	158	< 10	130				
96YTS 380	201 202	3	1.09	89	1450	20	118	0.61	198	< 10	154				
96YTS 381	201 202	4	0.86	112	1610	26	106	0.69	219	< 10	142				
96YTS 382	201 202	4	0.88	90	1390	8	117	0.75	180	< 10	110				
96YTS 383	201 202	2	1.93	76	2600	< 2	298	1.60	157	10	106				
96YTS 384	201 202	3	2.05	82	2690	4	319	1.61	163	< 10	118				
96YTS 385	201 202	< 1	2.10	86	3220	< 2	334	1.65	170	10	110				
96YTS 386	201 202	1	2.25	79	3040	< 2	382	1.88	177	10	120				
96YTS 387	201 202	1	2.26	74	2940	4	358	1.11	157	< 10	124				
96YTS 388	201 202	1	2.10	50	3130	4	341	1.65	161	10	126				
96YTS 389	201 202	< 1	1.94	43	2440	8	329	0.95	137	< 10	132				
96YTS 390	201 202	1	1.89	26	3330	< 2	290	1.25	120	< 10	126				
96YTS 391	201 202	2	2.04	56	3050	4	338	1.43	149	10	124				
96YTS 392	201 202	1	1.81	53	3170	6	286	1.13	163	10	126				
96YTS 393	201 202	1	1.88	62	2490	10	270	1.05	150	10	132				
96YTS 394	201 202	1	1.70	60	1550	10	214	1.29	166	10	98				
96YTS 395	201 202	2	1.47	69	2250	20	203	1.11	166	10	140				
96YTS 396	201 202	1	1.68	71	1840	16	235	1.26	166	10	124				
96YTS 397	201 202	1	2.23	74	2680	12	336	1.35	162	10	120				
96YTS 398	201 202	1	1.66	61	2400	10	326	1.12	139	< 10	128				
96YTS 399	201 202	1	1.59	130	2230	6	254	1.21	188	10	124				
96YTS 400	201 202	1	1.06	246	1330	10	168	0.69	174	10	106				



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
VANCOUVER, BC  
V7X 1C4

A9631734

Comments: ATTN: M. JONES

**CERTIFICATE**

**A9631734**

(GP) - WESTMIN RESOURCES LTD.

Project: 6112  
P.O. #:

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 15-SEP-96.

## SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	50	Dry, sieve to -80 mesh
202	50	save reject
285	50	ICP - HF digestion charge

## ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
578	50	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	50	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	50	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	50	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	50	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	50	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	50	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	50	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	50	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	50	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	50	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	50	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	50	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	50	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	50	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	50	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	50	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	50	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	50	Pb ppm: 24 element, rock & core	AAS	2	10000
582	50	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	50	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	50	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	50	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	50	Zn ppm: 24 element, rock & core	ICP-AES	2	10000



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

Page Number :1-A  
 Total Pages :2  
 Certificate Date: 15-SEP-96  
 Invoice No. :19631734  
 P.O. Number :  
 Account :GP

## CERTIFICATE OF ANALYSIS A9631734

SAMPLE	PREP CODE	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)
96YTS 401	201 202	< 0.2	5.50	640	5.5	< 2	2.25	< 0.5	25	132	45	5.13	1.26	2.12	1360
96YTS 402	201 202	< 0.2	6.57	410	3.5	< 2	3.32	0.5	46	299	86	7.41	0.87	3.99	1445
96YTS 403	201 202	0.4	7.82	900	1.5	< 2	1.57	< 0.5	32	61	133	5.83	1.22	2.71	1610
96YTS 404	201 202	0.8	7.86	1180	1.5	2	1.41	1.5	40	57	189	6.78	1.32	4.29	2330
96YTS 405	201 202	0.8	8.13	1040	1.0	2	1.63	0.5	39	57	203	7.37	1.17	3.69	2370
96YTS 406	201 202	0.8	8.39	1020	1.5	2	1.51	3.0	47	74	257	7.35	1.49	3.60	1810
96YTS 407	201 202	0.6	8.03	1110	1.5	2	1.78	0.5	37	105	162	5.21	1.71	2.24	1505
96YTS 408	201 202	0.8	7.67	1410	1.5	< 2	1.28	0.5	27	70	107	4.52	1.89	1.79	1990
96YTS 409	201 202	0.4	6.09	880	1.0	6	0.99	1.0	17	66	60	3.92	1.27	1.06	1145
96YTS 410	201 202	0.2	7.19	980	2.0	2	1.25	< 0.5	30	85	113	5.41	1.44	1.73	1835
96YTS 411	201 202	< 0.2	5.13	870	1.0	4	2.01	< 0.5	21	52	54	3.21	1.14	1.46	1345
96YTS 412	201 202	0.4	5.16	780	0.5	< 2	1.41	0.5	33	75	55	4.13	0.97	1.24	2390
96YTS 413	201 202	0.2	6.93	870	2.0	< 2	1.42	< 0.5	31	63	48	4.21	1.24	1.38	2230
96YTS 414	201 202	0.6	6.25	630	0.5	8	1.54	0.5	41	140	125	5.24	1.03	2.07	1775
96YTS 415	201 202	0.6	6.84	510	0.5	4	2.15	1.5	43	208	203	6.65	0.96	3.14	1500
96YTS 416	201 202	0.4	6.83	450	0.5	< 2	2.47	0.5	63	233	266	7.75	0.82	3.67	2200
96YTS 417	201 202	0.4	7.15	520	1.0	< 2	2.25	1.0	54	148	171	8.46	1.07	2.64	1920
96YTS 418	201 202	0.8	7.10	300	0.5	< 2	2.78	2.5	64	139	280	9.05	0.92	2.96	1690
96YTS 419	201 202	0.6	7.58	730	1.5	< 2	1.83	0.5	30	91	102	5.93	1.48	1.86	1805
96YTS 420	201 202	0.4	5.72	530	1.0	< 2	2.09	1.0	31	73	99	5.42	0.96	1.79	1335
96YTS 421	201 202	0.6	7.16	510	1.0	< 2	2.04	0.5	39	108	188	7.27	1.07	2.31	1615
96YTS 422	201 202	0.6	6.54	230	< 0.5	< 2	3.14	1.0	59	119	259	10.60	0.66	3.24	1525
96YTS 423	201 202	0.4	6.13	450	0.5	< 2	1.95	1.0	29	99	109	5.94	0.99	1.97	1150
96YTS 424	201 202	0.4	7.02	400	0.5	< 2	2.85	1.0	48	132	173	7.70	0.93	2.80	1495
96YTS 425	201 202	0.6	7.44	330	0.5	2	2.48	1.0	55	134	222	7.92	0.74	2.94	1475
96YTS 426	201 202	0.2	7.29	790	1.5	< 2	1.47	< 0.5	24	83	73	5.24	1.45	1.91	1015
96YTS 427	201 202	0.8	6.30	420	0.5	< 2	1.97	1.5	38	107	162	6.74	1.01	2.37	1480
96YTS 428	201 202	0.6	7.53	450	1.0	< 2	2.56	1.0	49	91	204	8.21	1.23	2.97	1480
96YTS 429	201 202	< 0.2	6.17	280	0.5	< 2	2.81	0.5	47	113	176	7.17	0.80	2.84	1680
96YTS 430	201 202	0.2	6.08	350	1.0	2	2.07	1.0	48	141	231	6.08	1.00	2.39	1970
96YTS 431	201 202	0.6	6.97	400	1.5	2	2.60	1.5	59	126	417	6.61	1.11	2.15	1460
96YTS 432	201 202	0.4	6.63	400	0.5	< 2	2.56	1.5	46	115	236	7.28	0.85	2.70	1510
96YTS 433	201 202	0.4	6.56	260	0.5	< 2	3.31	2.0	47	105	269	7.45	0.63	2.64	1540
96YTS 434	201 202	0.4	6.93	430	1.0	< 2	2.46	1.0	44	108	270	6.69	0.94	2.25	1230
96YTS 435	201 202	0.2	7.17	310	0.5	< 2	3.59	1.5	52	116	242	7.87	0.68	2.54	1345
96YTS 436	201 202	0.4	7.63	710	1.5	2	2.22	0.5	36	107	227	5.53	1.32	2.00	1270
96YTS 437	201 202	0.4	6.58	630	1.5	4	2.33	0.5	30	117	98	5.19	1.10	2.12	1120
96YTS 438	201 202	< 0.2	7.27	540	2.0	6	1.43	0.5	15	96	32	4.88	1.77	1.05	730
96YTS 439	201 202	0.2	7.78	740	2.0	6	1.96	0.5	32	103	180	5.30	1.47	1.87	1135
96YTS 440	201 202	0.4	7.79	810	2.0	< 2	2.12	0.5	34	104	143	5.53	1.50	2.10	1345



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

Page Number :1-B  
 Total Pages :2  
 Certificate Date: 15-SEP-96  
 Invoice No. :I9631734  
 P.O. Number :  
 Account :GP

## CERTIFICATE OF ANALYSIS A9631734

SAMPLE	PREP CODE	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)				
96YTS 401	201 202	1	1.58	74	1420	12	195	1.03	121	20	80				
96YTS 402	201 202	< 1	1.41	174	2130	8	268	1.25	172	30	106				
96YTS 403	201 202	3	1.75	36	1040	28	175	0.54	193	10	114				
96YTS 404	201 202	1	1.42	39	1050	40	184	0.54	206	10	124				
96YTS 405	201 202	1	1.57	35	1100	28	154	0.59	225	10	128				
96YTS 406	201 202	< 1	1.31	47	1200	108	131	0.60	229	10	260				
96YTS 407	201 202	3	1.69	51	780	48	143	0.55	167	10	106				
96YTS 408	201 202	3	1.68	29	1150	76	151	0.46	136	< 10	108				
96YTS 409	201 202	2	1.16	19	1910	40	121	0.45	128	< 10	62				
96YTS 410	201 202	5	1.56	36	1940	34	147	0.51	145	10	114				
96YTS 411	201 202	4	1.01	25	1330	20	121	0.31	92	< 10	66				
96YTS 412	201 202	1	1.15	30	2370	30	123	0.42	130	< 10	98				
96YTS 413	201 202	2	1.25	27	1480	30	109	0.37	118	< 10	78				
96YTS 414	201 202	2	1.19	64	1550	32	117	0.53	166	10	96				
96YTS 415	201 202	1	1.13	118	1150	34	131	0.61	204	10	124				
96YTS 416	201 202	2	1.20	157	1210	62	163	0.67	226	20	164				
96YTS 417	201 202	4	1.28	80	1600	40	167	0.76	231	20	138				
96YTS 418	201 202	4	1.02	76	1150	66	155	0.69	272	20	182				
96YTS 419	201 202	4	1.71	42	1270	66	182	0.61	169	10	128				
96YTS 420	201 202	2	1.07	35	1510	40	160	0.56	163	10	122				
96YTS 421	201 202	5	1.24	58	1580	34	167	0.64	209	10	160				
96YTS 422	201 202	3	1.16	60	780	14	160	0.79	302	30	186				
96YTS 423	201 202	8	1.18	44	1330	16	142	0.59	184	10	120				
96YTS 424	201 202	3	1.38	60	950	12	156	0.76	253	30	144				
96YTS 425	201 202	5	1.03	61	1250	8	136	0.64	264	20	164				
96YTS 426	201 202	2	1.63	39	910	24	172	0.57	166	10	102				
96YTS 427	201 202	3	0.83	54	1480	84	145	0.60	216	10	172				
96YTS 428	201 202	4	1.02	48	1100	18	198	0.67	283	20	178				
96YTS 429	201 202	1	1.20	50	1020	16	156	0.62	245	20	134				
96YTS 430	201 202	4	0.84	69	1450	20	144	0.56	208	10	146				
96YTS 431	201 202	3	1.54	122	1310	32	170	0.61	181	10	248				
96YTS 432	201 202	1	1.23	66	920	14	147	0.62	237	20	182				
96YTS 433	201 202	< 1	1.17	53	930	30	144	0.66	251	20	232				
96YTS 434	201 202	1	1.33	64	1090	24	144	0.59	209	10	172				
96YTS 435	201 202	1	1.28	58	1030	14	174	0.70	264	30	228				
96YTS 436	201 202	1	1.79	62	1460	28	210	0.57	174	10	122				
96YTS 437	201 202	2	1.63	61	910	16	187	0.62	177	10	86				
96YTS 438	201 202	5	2.16	39	1060	14	190	0.53	103	< 10	78				
96YTS 439	201 202	1	1.84	59	1260	22	203	0.55	162	10	118				
96YTS 440	201 202	1	1.89	66	1320	22	208	0.59	172	10	130				





# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
VANCOUVER, BC  
V7X 1C4

Project: 6112  
Comments: ATTN: M. JONES

Page Number :2-A  
Total Pages :2  
Certificate Date: 15-SEP-96  
Invoice No. :19631734  
P.O. Number :  
Account :GP

## CERTIFICATE OF ANALYSIS A9631734

SAMPLE	PREP CODE	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)
96YTS 441	201 202	< 0.2	7.24	630	1.5	< 2	2.18	< 0.5	29	115	154	5.52	1.20	1.83	970
96YTS 442	201 202	< 0.2	7.63	700	2.0	< 2	2.35	1.0	28	123	132	5.63	1.49	2.13	1340
96YTS 443	201 202	0.6	6.56	620	1.5	2	2.60	1.5	43	138	216	5.92	1.03	2.21	1800
96YTS 444	201 202	0.2	6.89	720	1.5	< 2	2.28	2.0	39	150	115	6.64	1.41	2.17	1325
96YTS 445	201 202	< 0.2	8.09	360	3.5	2	1.34	1.0	19	102	28	5.36	2.03	1.28	980
96YTS 446	201 202	< 0.2	7.62	600	1.5	< 2	2.99	1.5	33	165	78	6.94	1.30	2.27	1260
96YTS 447	201 202	0.4	5.55	440	1.0	< 2	3.03	1.0	29	134	124	5.09	0.96	1.51	1275
96YTS 448	201 202	0.4	7.28	700	1.5	2	3.42	1.5	41	181	225	6.52	1.43	2.75	1400
96YTS 449	201 202	0.4	8.57	420	4.0	2	1.69	1.5	25	111	155	6.33	2.08	1.50	1360
96YTS 450	201 202	0.8	7.29	380	3.0	2	1.01	1.5	17	85	112	5.57	1.61	0.98	860



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project: 6112  
 Comments: ATTN: M. JONES

Page Number :2-B  
 Total Pages :2  
 Certificate Date: 15-SEP-96  
 Invoice No. :19631734  
 P.O. Number :  
 Account :GP

## CERTIFICATE OF ANALYSIS A9631734

SAMPLE	PREP CODE	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)				
96YTS 441	201 202	1	1.71	55	890	22	208	0.64	178	10	102				
96YTS 442	201 202	1	1.92	64	1210	64	195	0.69	168	10	186				
96YTS 443	201 202	2	1.30	79	1480	112	188	0.59	185	10	218				
96YTS 444	201 202	< 1	1.49	89	2080	80	217	0.78	166	10	256				
96YTS 445	201 202	3	2.31	51	1220	16	139	0.57	86	< 10	130				
96YTS 446	201 202	< 1	1.75	71	1740	52	252	1.05	184	20	156				
96YTS 447	201 202	1	1.31	78	1800	48	205	0.60	135	10	126				
96YTS 448	201 202	1	1.83	127	1590	60	252	0.90	180	20	208				
96YTS 449	201 202	3	2.48	69	1410	46	160	0.60	105	< 10	198				
96YTS 450	201 202	4	1.83	40	1860	76	113	0.54	99	< 10	212				

**APPENDIX F**  
**ANALYTICAL RESULTS, SILT SAMPLES**



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

A9631757

Comments: ATTN: M. JONES

5129

**CERTIFICATE**

**A9631757**

(GP) - WESTMIN RESOURCES LTD.

Project: 6112  
 P.O. #:

Samples submitted to our lab in Vancouver, BC.  
 This report was printed on 19-SEP-96.

### SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	4	Dry, sieve to -80 mesh
202	4	save reject
229	4	ICP - AQ Digestion charge

\* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

### ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	4	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	4	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	4	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	4	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	4	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	4	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	4	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	4	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	4	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	4	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	4	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	4	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	4	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	4	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	4	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	4	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	4	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	4	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	4	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	4	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	4	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	4	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	4	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	4	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	4	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	4	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	4	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	4	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	4	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	4	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	4	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	4	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	4	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project : 6112  
 Comments: ATTN: M. JONES

Page Number : 1-A  
 Total Pages : 1  
 Certificate Date: 19-SEP-96  
 Invoice No. : 19631757  
 P.O. Number :  
 Account : GP

## CERTIFICATE OF ANALYSIS A9631757

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
			FA+AA																		
96MJT 001	201	202	< 5	0.2	3.18	2	140	1.0	< 2	0.86	1.0	17	39	70	3.69	< 10	1	0.15	20	1.50	1075
96MJT 002	201	202	< 5	< 0.2	2.63	14	80	0.5	< 2	0.75	1.0	40	82	187	4.44	< 10	< 1	0.05	10	1.71	1135
96MJT 003	201	202	< 5	0.4	2.32	12	100	0.5	< 2	0.72	2.0	25	64	170	3.23	< 10	1	0.10	10	1.21	665
96MJT 004	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
96YTT 001	201	202	< 5	0.2	2.60	4	140	0.5	< 2	0.55	0.5	22	52	111	3.95	< 10	1	0.13	30	1.40	1000



# Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

P.O. BOX 49066, THE BENTALL CENTRE  
 VANCOUVER, BC  
 V7X 1C4

Project : 6112  
 Comments: ATTN: M. JONES

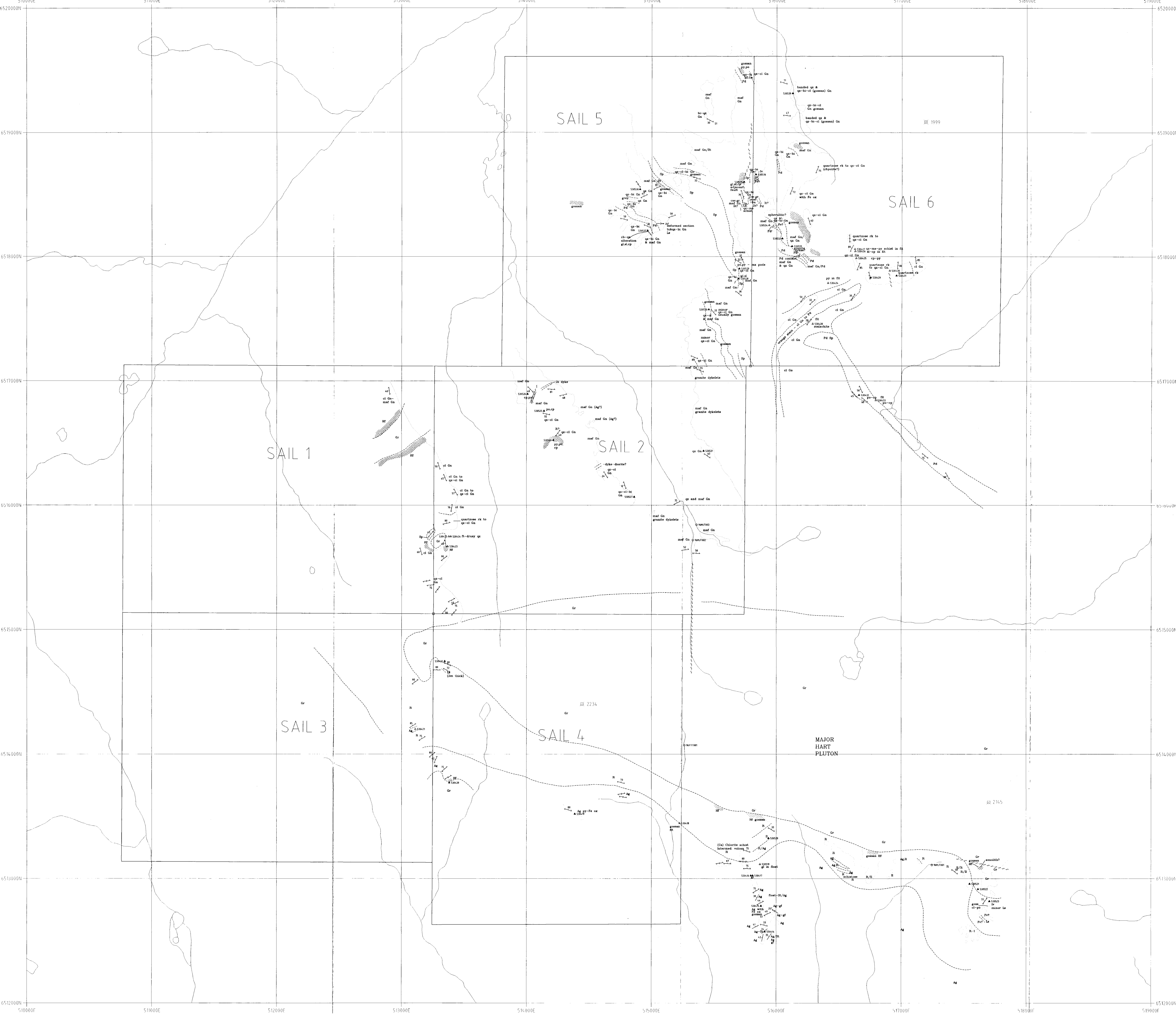
Page Number :1-B  
 Total Pages :1  
 Certificate Date: 19-SEP-96  
 Invoice No. :19631757  
 P.O. Number :  
 Account :GP

## CERTIFICATE OF ANALYSIS

A9631757

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
96MJT 001	201	202	< 1	0.01	32	1090	72	< 2	5	84	0.16	< 10	< 10	76	< 10	210
96MJT 002	201	202	< 1	0.01	62	930	36	< 2	9	36	0.17	< 10	< 10	105	< 10	154
96MJT 003	201	202	< 1	0.01	51	980	110	< 2	5	35	0.13	< 10	< 10	76	< 10	278
96MJT 004	--	--	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
96YTT 001	201	202	< 1	< 0.01	40	1490	32	< 2	7	35	0.14	< 10	< 10	79	< 10	122

UTM  
GRID  
NORTH



**ROCK TYPES**

Gr	granite
Di	diorite
Pd	peridotite
Sp	serpentinite
Gn	gneiss
Hf	hornfels
Qt	quartzite
Sh	shale
La	limestone
Ch	chert
Ag	argillite
St	siltstone
Fv	felsic volcanic
Ft	felsic tuff
Iv	intermediate volcanic
It	intermediate tuff
Il	intermediate lapilli tuff

**GENERAL ABBREVIATIONS**

rk	rock
Fe ox	iron oxide
mx	massive
fl	float
maf	mafic
gf	graphitic
porph	porphyritic
f. gr.	fine grained
coarse gr.	coarse grained
silic.	silicified

**MINERAL ABBREVIATIONS**

py	pyrite
cl	chlorite
qtz	quartz
po	pyrrhotite
cp	chalcopyrite
bi	biotite
gl	galerita
sd	sphalerite
cb	carbonate
ms	sericite
fd	feldspar
as	arsenopyrite
gf	graphite

**SYMBOLS**

■	claim posts - located, assumed
●	spot height (in metres)
▲	rock sample with sample #
△	float sample with sample #
○	silt sample with sample #
○	outcrop
---	geological contact
→	fold hinge with plunge direction
---	foliation or cleavage with dip
---	bedding with dip
---	fault
---	vein with dip
---	gossan

**Westmin Resources Limited**

Work By: M. J. & B. W.  
Date Drafted: April 13, 1997  
Drafted By: J.M. Klein  
Date Revised:  
Revised By:

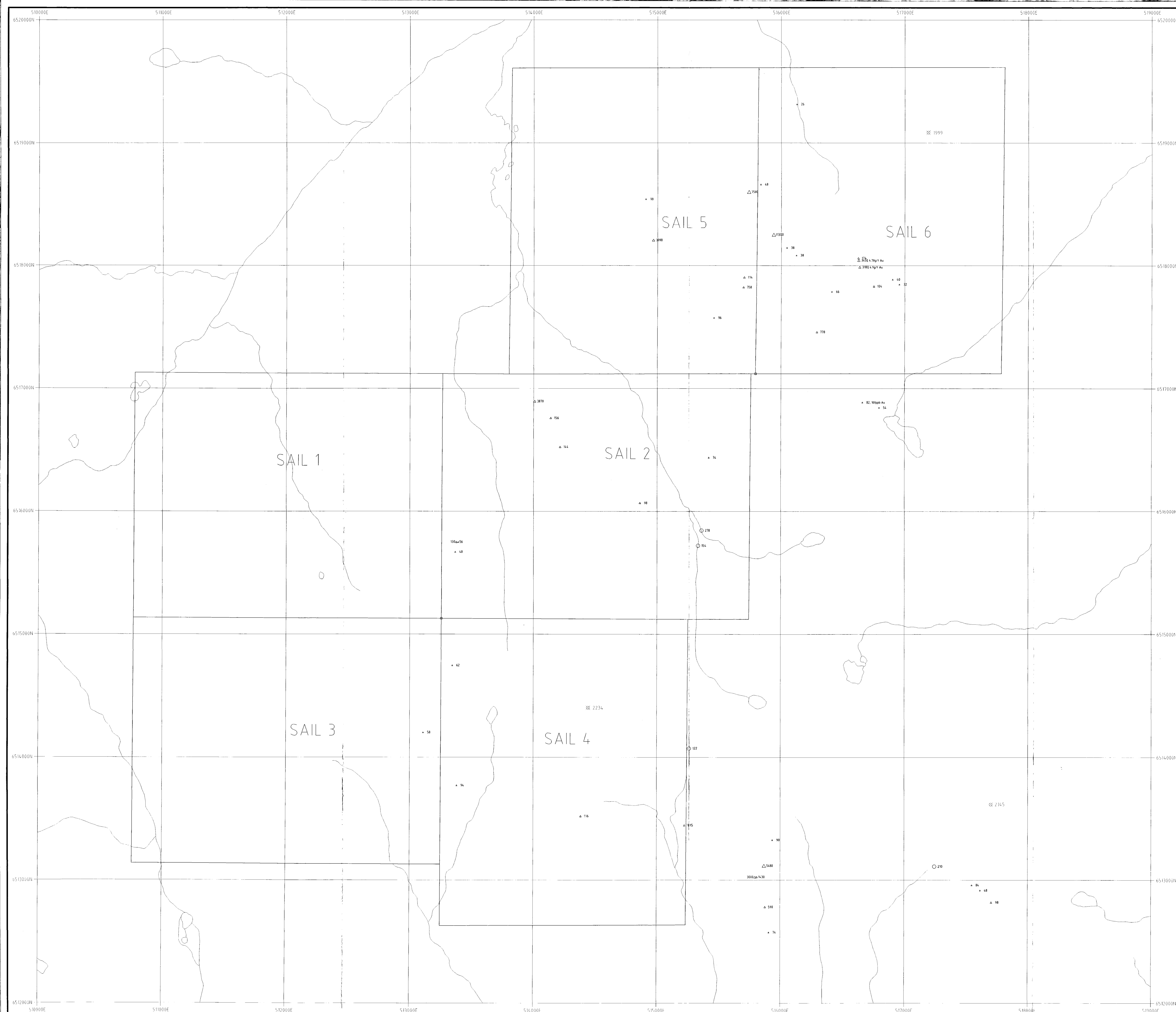
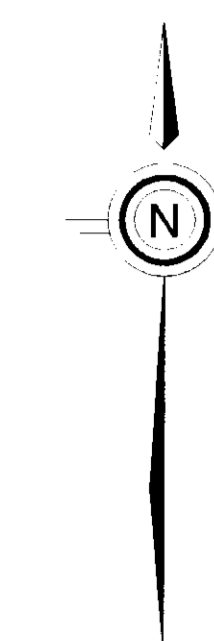
**BEALE PROJECT  
SAIL PROPERTY  
GEOLOGY  
ROCK SAMPLE LOCATIONS**

N.T.S. Number: 104/74  
Scale: 1 : 10,000

Figure: 3

25,045

UTM  
GRID  
NORTH



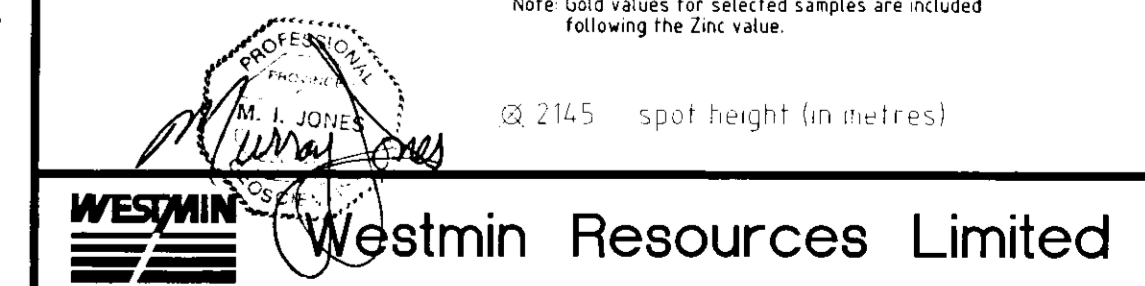
SAIL PROPERTY  
1996 Silt Samples  
Zn in ppm  
Q 216

SAIL PROPERTY  
1996 Rock Samples  
Zn in ppm

MAX	△	1300 ppm
95%ile	△	500 ppm
82%ile	△	150 ppm
45%ile	△	98 ppm
MIN	△	18 ppm

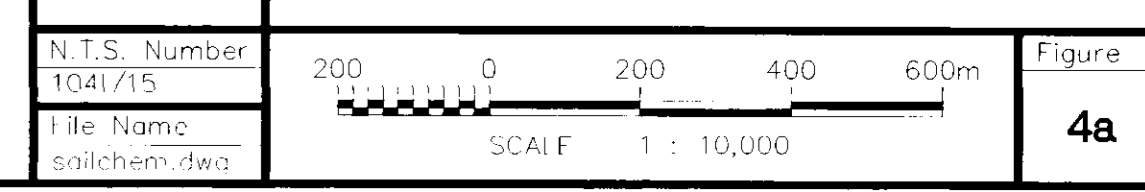
Note: Gold values for selected samples are included following the Zinc value.

Q 2165 spot height (in metres)



Work By	M. J. & B. W.
Date Drafted	Sept 2, 1997
Drawn By	J.M. Piper
Date Revised	
Revised By	

**BEALE PROJECT**  
**SAIL PROPERTY**  
**Zinc in rock (ppm)**  
**Zinc in silt (ppm)**

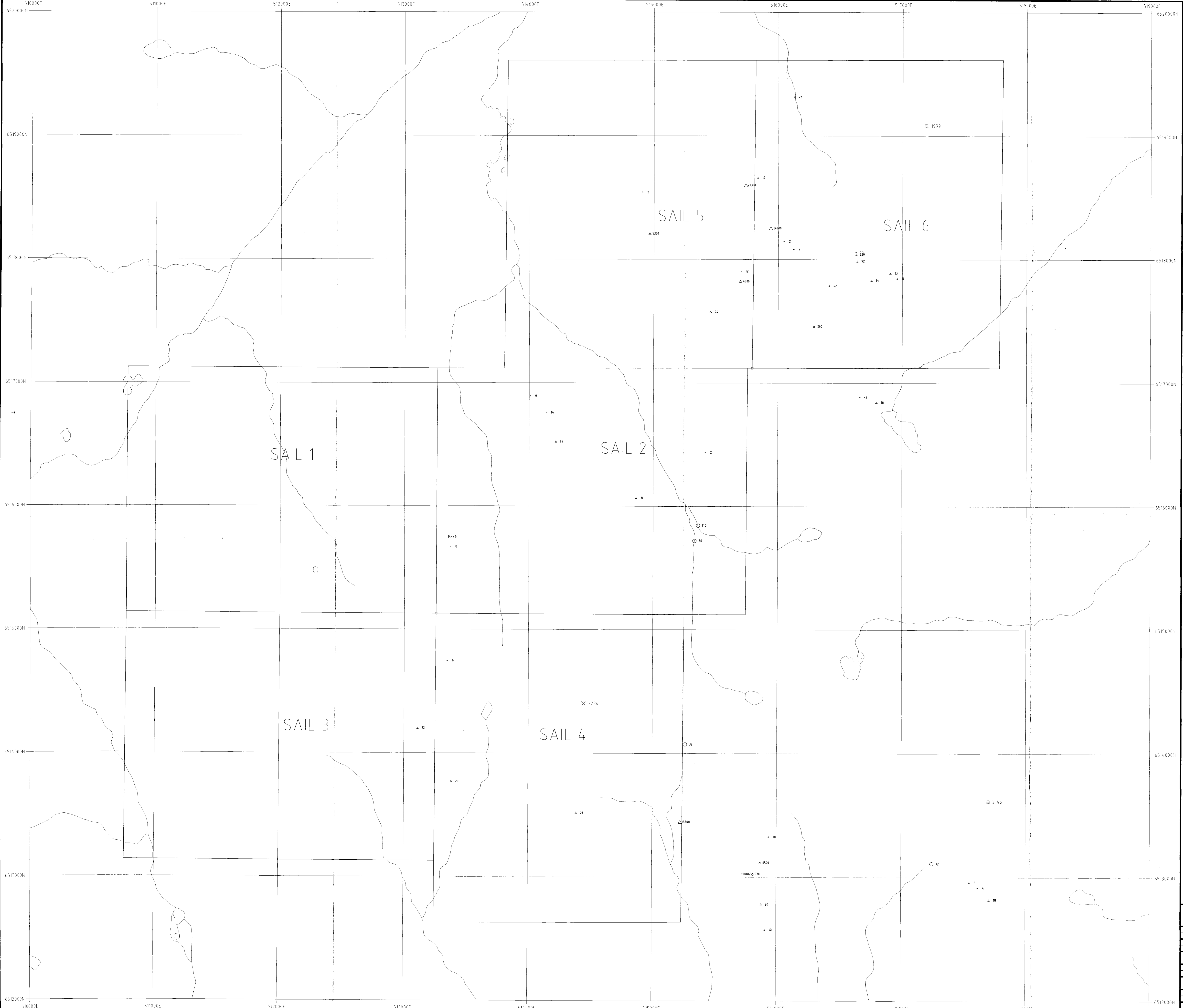
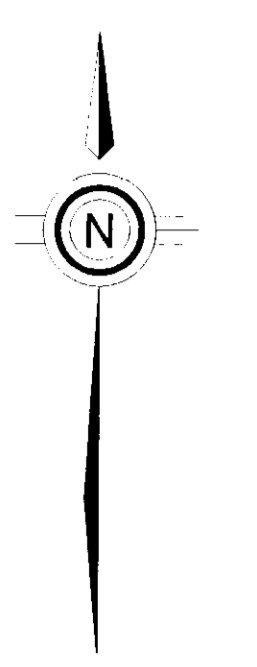




43

25,045

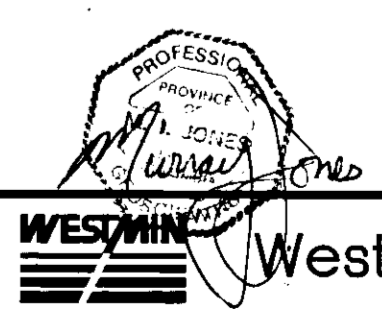
UTM  
GRID  
NORTH



SAIL PROPERTY  
1996 Silt Samples  
Pb in ppm  
○ 210  
Note: Only silt samples, statistics  
not performed on this data.

SAIL PROPERTY  
1996 Rock Samples  
Pb in ppm  
MAX 324000 ppm  
95th %ile 10000 ppm  
82nd %ile 500 ppm  
51st %ile 15 ppm  
MIN 1 ppm

2145 spot height (metres)



Westmin Resources Limited

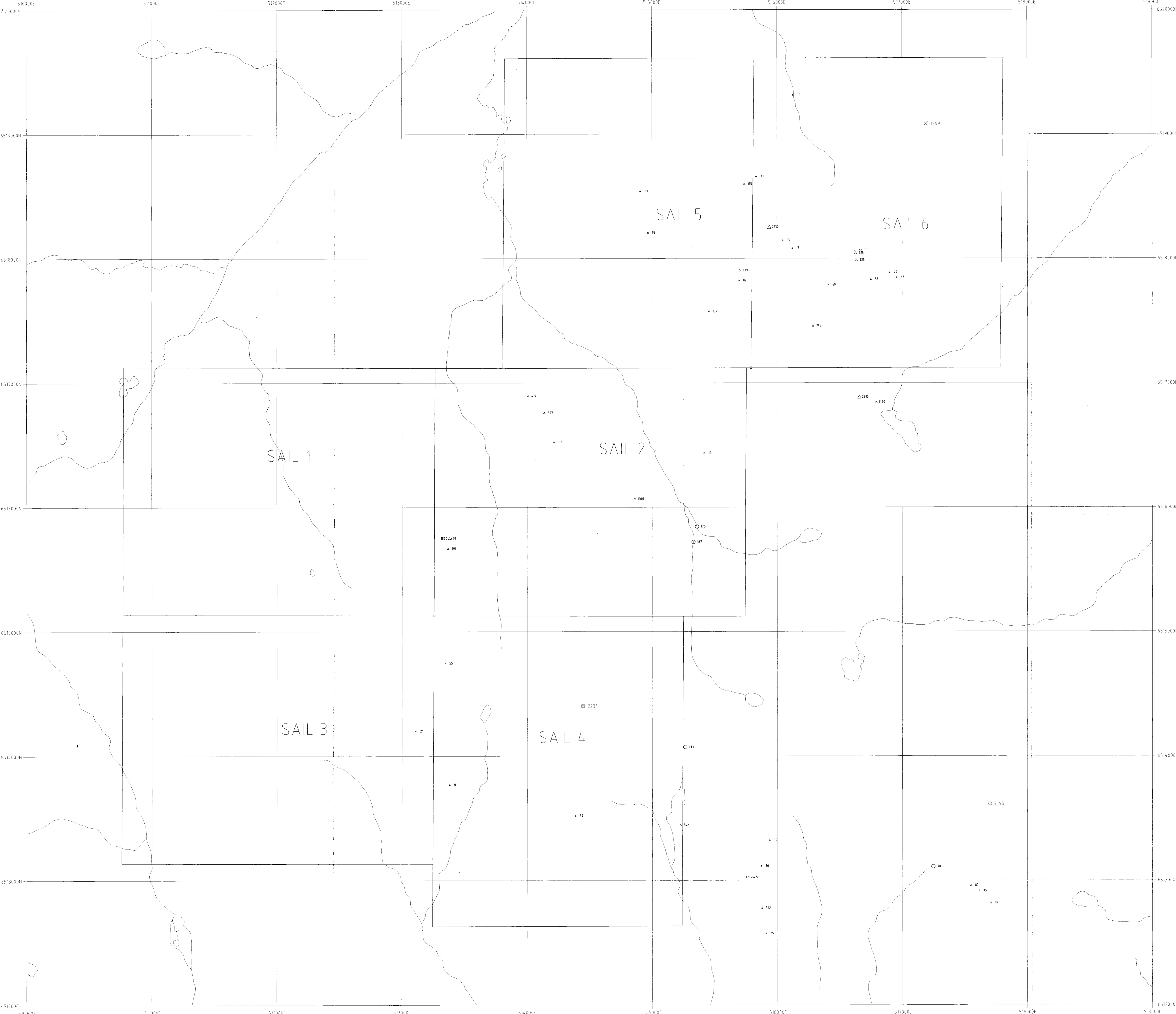
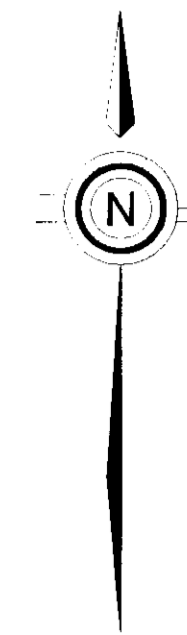
Work By  
M.J. & B.W.  
Date Drafted  
Area 3, 1997  
Drafted By  
J.M. Fien  
Date Revised  
Revised By

BEALE PROJECT  
SAIL PROPERTY  
Lead in rock (ppm)  
Lead in silt (ppm)

N.T.S. Number  
1547/76  
File Name  
tblchem.dat  
200 0 200 400 600m  
SCALE 1 : 10,000  
Figure  
4b

25,045

UTM  
GRID  
NORTH



SAIL PROPERTY  
1996 Silt Samples  
Cu in ppm  
○ 216  
Note: Only 4 silt samples, statistics  
not performed on this data.

SAIL PROPERTY  
1996 Rock Samples  
Cu in ppm

MAX	△	2910 ppm
95th %ile	△	2500 ppm
85th %ile	△	825 ppm
5th %ile	△	82 ppm
MIN	△	7 ppm

⊗ 2145 spot height (in metres)

**Westmin Resources Limited**

Work By	M.J. & B.W.
Date Drafted	April 2, 1997
Drafted By	J.M. Klein
Date Revised	
Revised By	

**BEALE PROJECT**  
**SAIL PROPERTY**  
**Copper in rock (ppm)**  
**Copper in silt (ppm)**

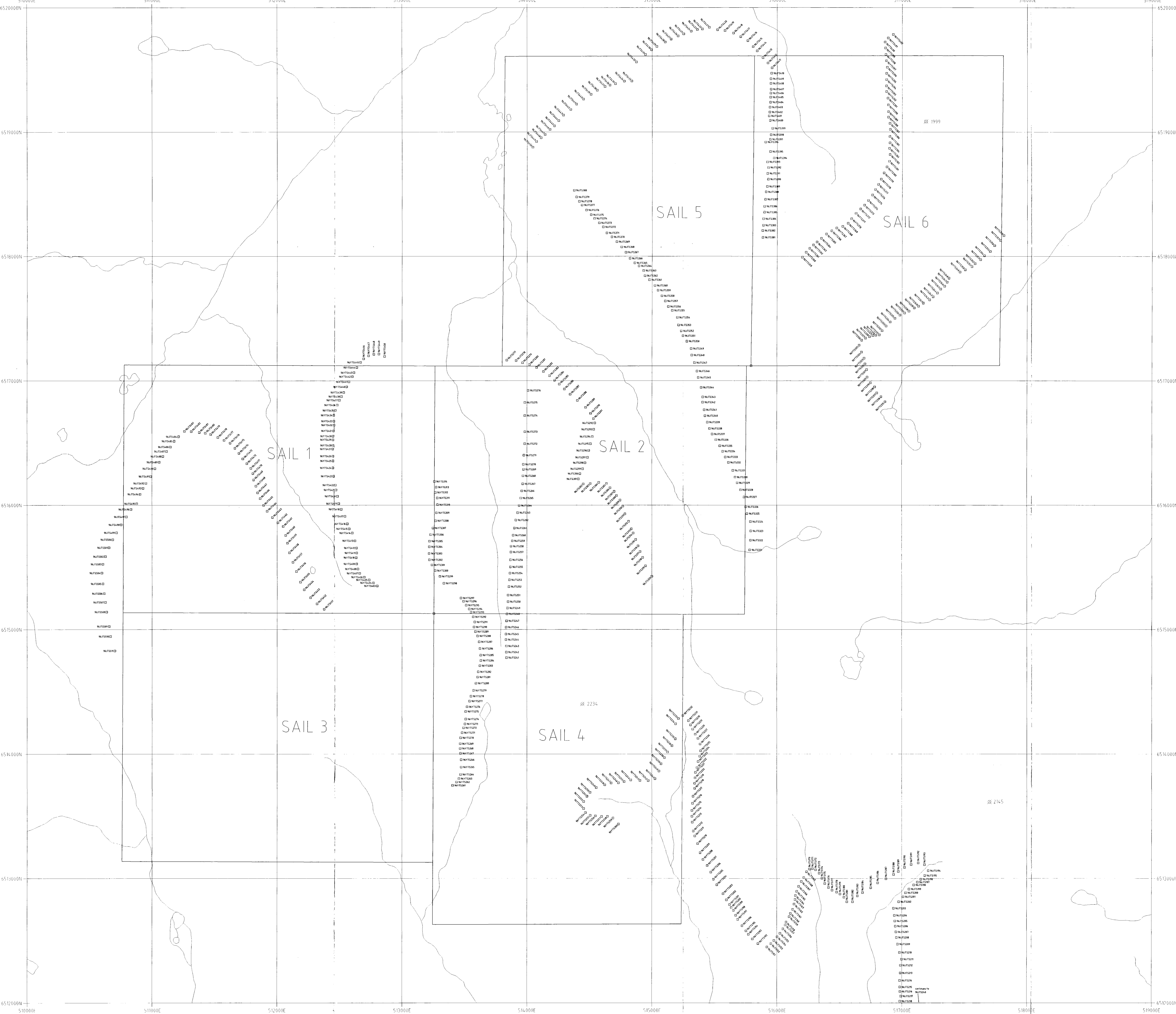
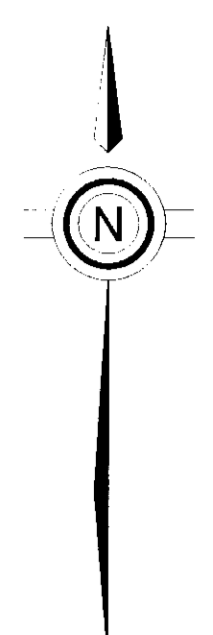
N.T.S. Number: 1041716  
File Name: Sallchem.dwg

Scale: 1:10,000

Figure: 4c

25,045

UTM  
GRID  
NORTH



**SYMBOLS**  
 □ soil sample with sample #  
 ● claim posts - located, assumed  
 ○ spot height (in metres)

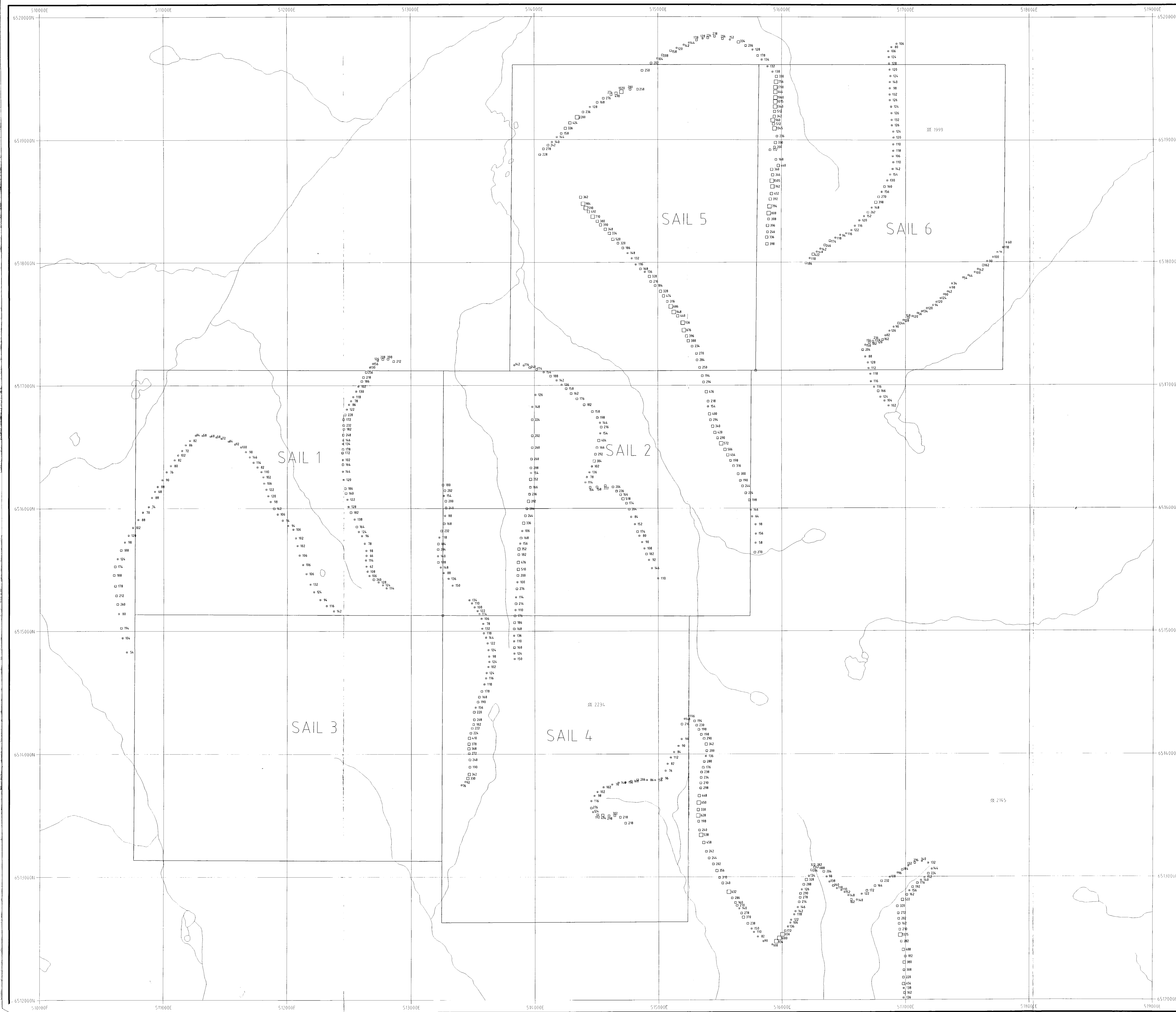
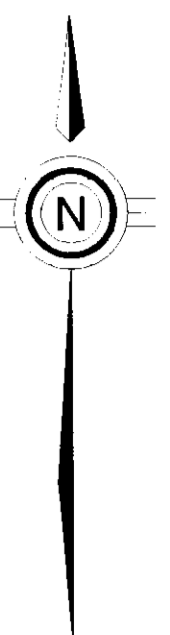
Work By M.T. & R.W. Date Created April 2, 1997 Drafted By J.M. Klein Date Revised  Revised By  N.T.S. Number 1041715 File Name soil045-1.mxd	Westmin Resources Limited  BEALE PROJECT SAIL PROPERTY SOIL SAMPLE LOCATIONS  200 0 200 400 600m SCALE 1 : 10,000 Figure 5a

M6

GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT

25,045

UTM  
GRID  
NORTH



SAIL PROPERTY  
1996 Soil Samples  
Zn in ppm

MAX	2791 ppm
95th %ile	525 ppm
85th %ile	325 ppm
50th %ile	157 ppm
MIN	34 ppm

22145 spot bright (in metres)

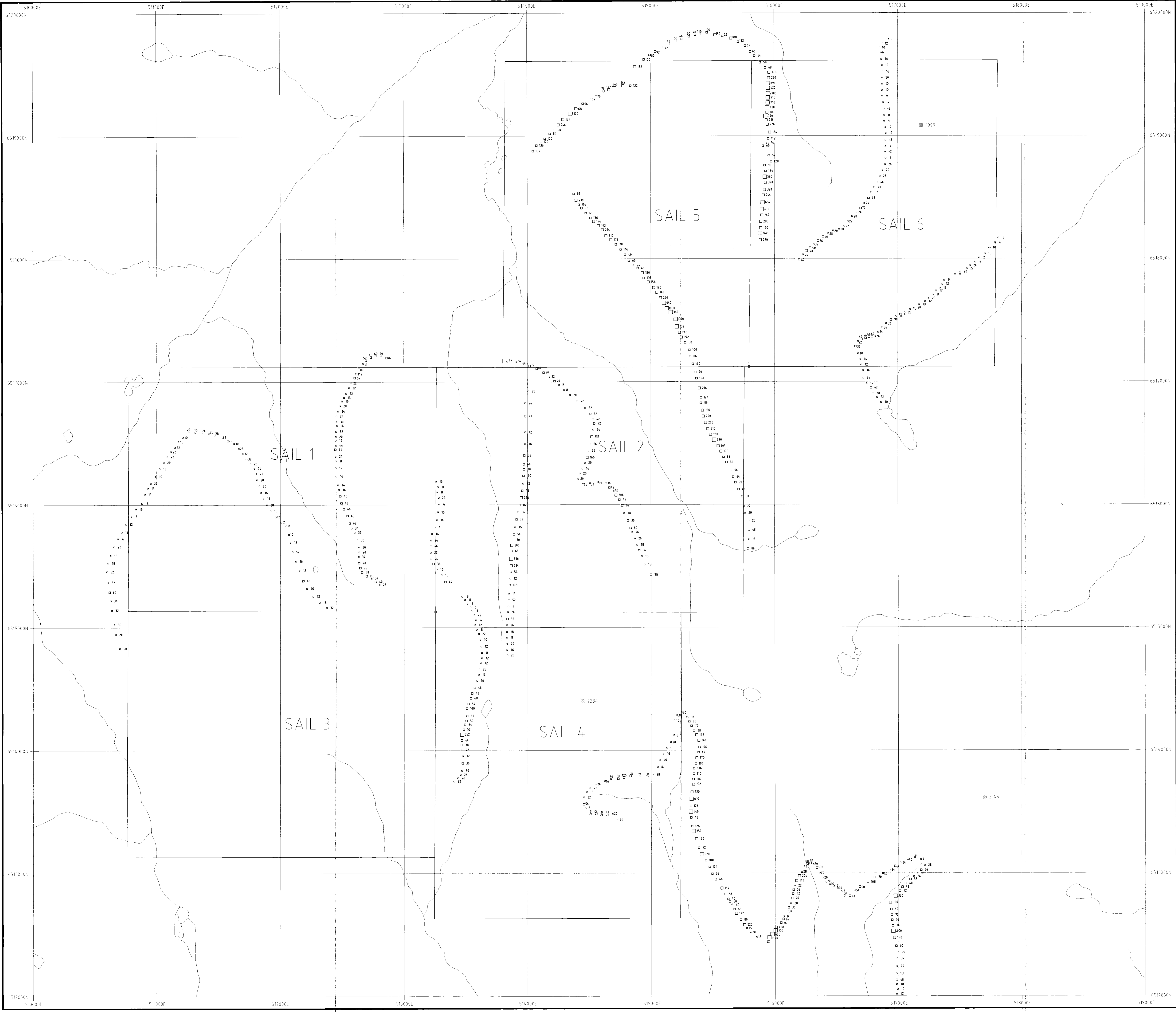
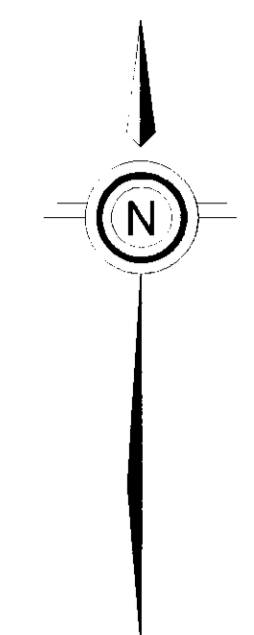
**Westmin Resources Limited**

Work By: J. & R. B. II  
Date Drafted: April 9, 1997  
Drafted By: J.M. Klein  
Date Revised:  
Revised By:  
N.T.S. Number: 1:10,000  
File Name: subchem.dwg

**BEALE PROJECT**  
**SAIL PROPERTY**  
**Zinc in soil (ppm)**

200 0 200 400 600m  
SCALE 1 : 10,000

Figure 5b



SAIL PROPERTY  
1996 Soil Samples  
Pb in ppm

MAX	4001 ppm
95th %ile	350 ppm
85th %ile	140 ppm
50th %ile	35 ppm
MIN	1 ppm

2145 spot height (in metres)

**Westmin Resources Limited**

Work By: J.M. Finn  
Date Drafted: April 2, 1997  
Drafted By: J.M. Finn  
Date Revised:  
Revised By:

**BEALE PROJECT**  
**SAIL PROPERTY**  
**Lead in soil (ppm)**

N.T.S. Number: 1041/715  
Title Name: soilchem-two

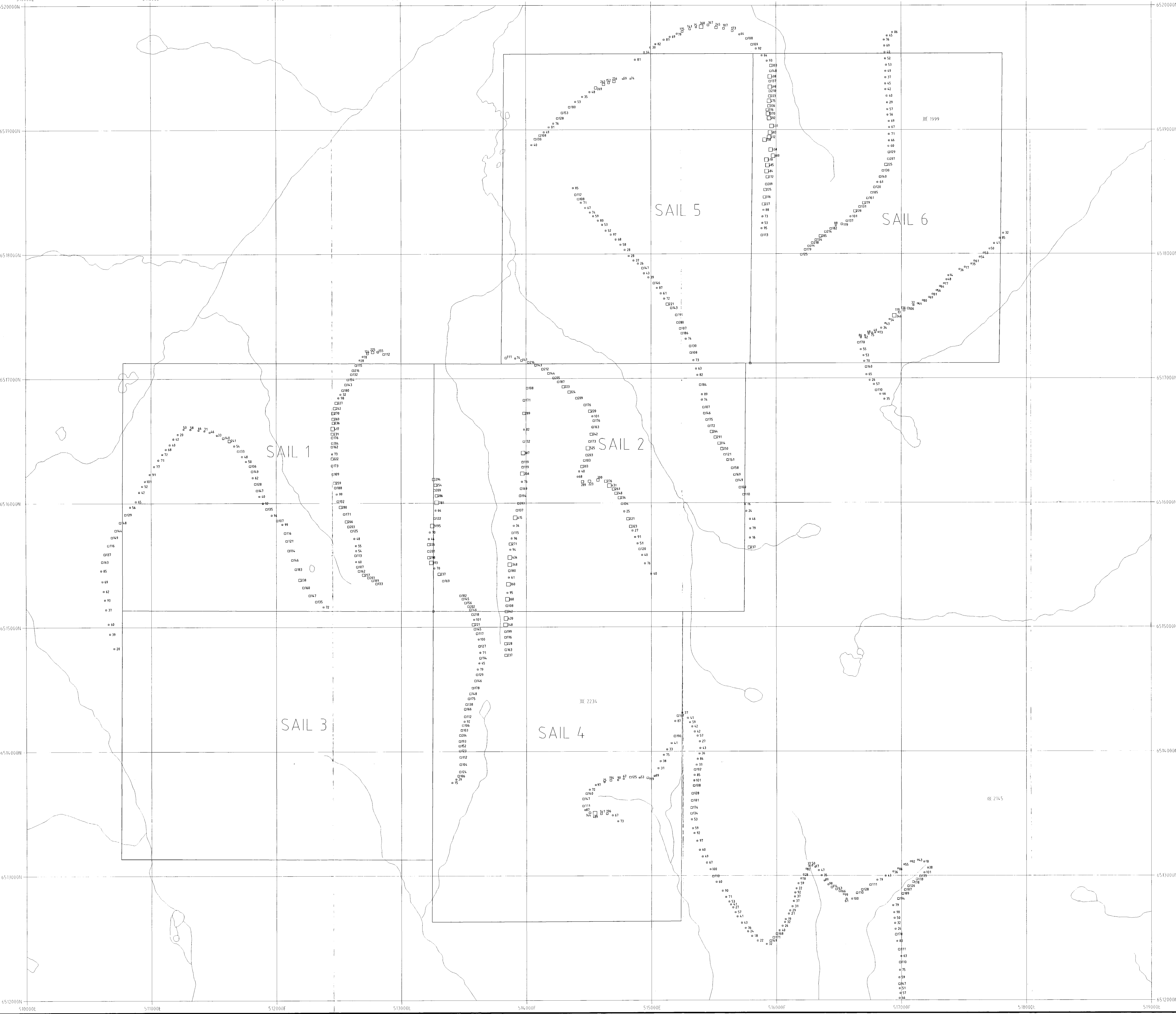
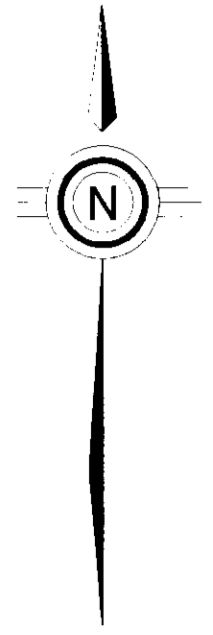
200 0 200 400 600m  
SCALE 1 : 10,000

Figure 5c



25,045

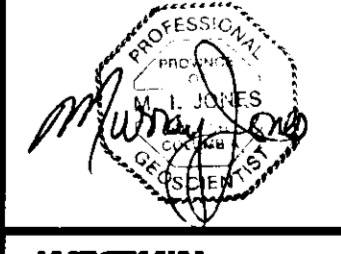
UTM  
GRID  
NORTH



SAIL PROPERTY  
1996 Soil Samples  
Cu in ppm

MAX	1311 ppm
95th %ile	345 ppm
85th %ile	220 ppm
50th %ile	92 ppm
MIN	14 ppm

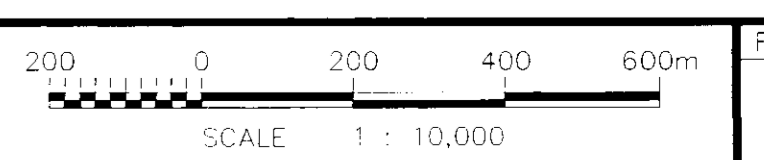
Ø 2145 spot height (in metres)



Westmin Resources Limited

Drawn By	M.L. & R.W.
Date Drawn	April 19, 1997
Drawn By	M.L. & R.W.
Date Revised	
Revised By	
N.T.S. Number	11047/15
File Name	soilprop.dwg

BEALE PROJECT  
SAIL PROPERTY  
Copper in soil (ppm)



5d