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V1

ROPE PROPERTY

1997 ASSESSMENT REPORT DESCRIBING GEOLOGICAL, GEOCHEMICAL, AND DIAMOND DRILL SURVEYS ON THE ROPE (1 -553) AND KNOT (1-6), FINLAYSON LAKE AREA, YUKON TERRITORY

DATES WORKED: 15/06/97 – 30/09/97

NTS 105G/9
61°35'N/130°20'W
Watson Lake Mining Division

VOLUME I

Prepared for

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by

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March, 1998

RPT/98-04

This report has been examined by the Geological Evaluation Unit under Section 53 (1) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 46,620.

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

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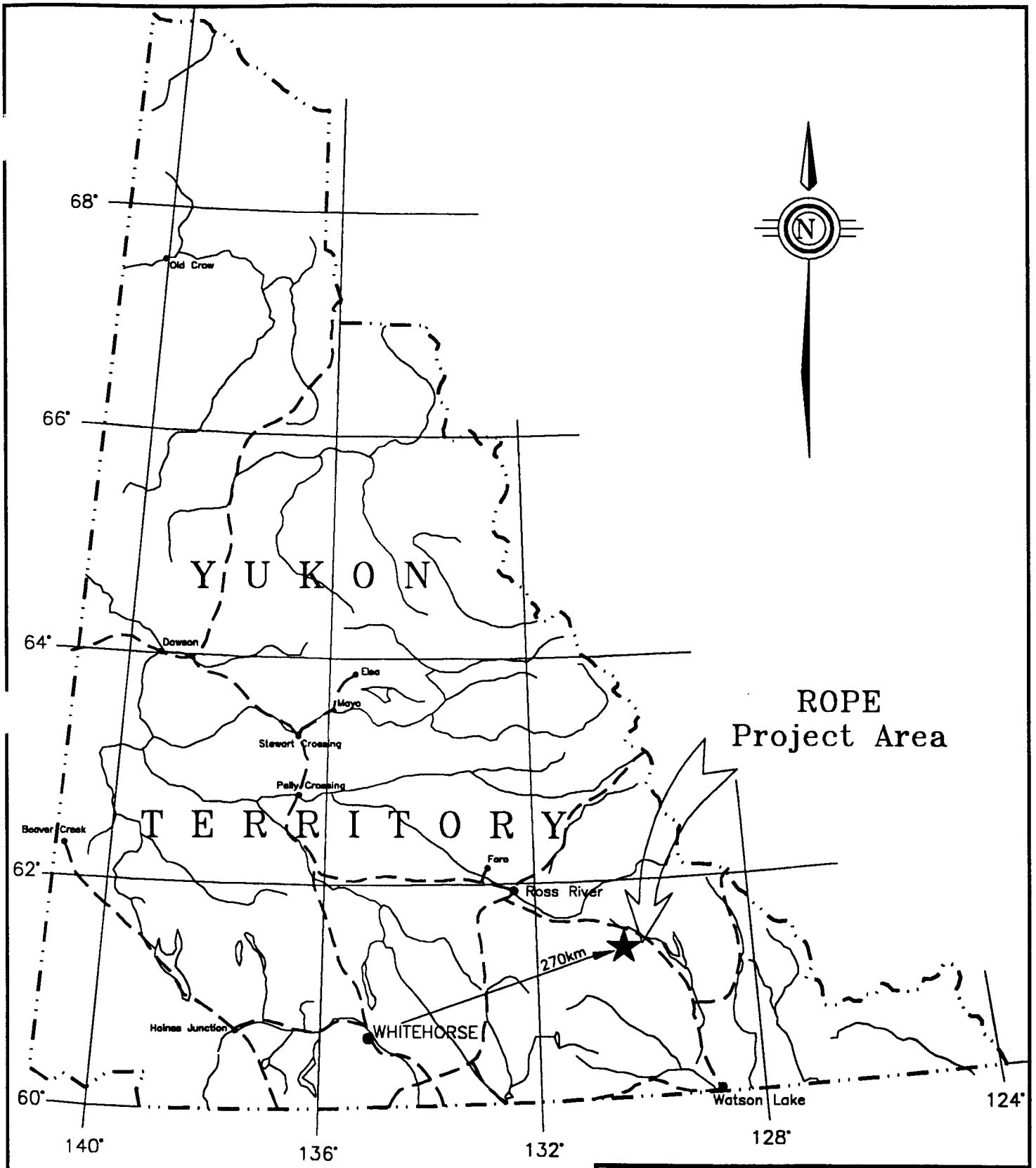
1.0 INTRODUCTION

The ROPE claims were staked by Westmin Resources Limited in 1995. Regional mapping and soil sampling was carried out over them during the 1996 field season. The 1997 program comprising line cutting, soil sampling, geological mapping, and diamond drilling was designed to follow up on the results of the 1996 program, and to provide a tighter soil sample coverage in anomalous areas. The 1997 field program commenced on June 15 and was concluded by September 30. Nitro Enterprises of Atlin, B.C. was contracted to cut a single 2.5 km baseline across an area of anomalous soil geochemistry in the southwestern portion of the property. From this baseline compass and hip chain lines were run in an north-south direction at 100 m intervals to provide control for soil sampling. The soil sampling and geologic mapping was carried out by Westmin Resources Limited field personnel. F. Boisvenu Diamond Drilling was used to drill two holes in the soil grid area in late August.

2.0 LOCATION, ACCESS, AND PHYSIOGRAPHY

The centre of the ROPE claim block is located approximately 115 km southeast of the village of Ross River and 95 km northwest of Watson Lake in the southeastern Yukon (Figure 1.0). The claims are centered about 61°35'N and 130°20'W and are within the NTS map sheet 105G/9. Access to most of the property is by helicopter which can be chartered in either Ross River or Watson Lake. The Robert Campbell Highway, which runs between Ross River and Watson Lake, abuts the northern portion of the Rope claim block.

The ROPE Claims lie mainly within the Campbell Range of the Pelly Mountains, a sub-division of the Yukon Plateau physiographic region of the northern Cordillera. Elevation in the Campbell Range varies between 1000 meters and 2350 meters above sea level. The Campbell Range is bounded by the Yukon Plateau to the northeast and the main body of the Pelly Mountains to



	WESTMIN RESOURCES LIMITED ATNA Resources Limited
Work By Westmin	ROPE PROJECT AREA
Date Drafted Nov. 24, 1998	Property Location Sketch
Drafted By A. Turner	
N.T.S. Number	50 0 50 100 150km Scale 1 : 2 500 000
File Name Figure1.dwg	Figure 1.0

the southwest. Glaciation in the area between 26.5 ka and 10 ka resulted in the formation of broad anastamosing valleys, isolated mountains and small mountain ranges. Tributaries to drainages occupying the valleys commonly originate in cirque valleys. Wide valleys are commonly infilled with glacialfluvial sediments. Vegetation throughout the claim area ranges from thick buckbrush and small cedar groves in the valleys to sparsely vegetated areas with abundant outcrop at higher elevations.

3.0 LIST OF CLAIMS AND OWNERSHIP

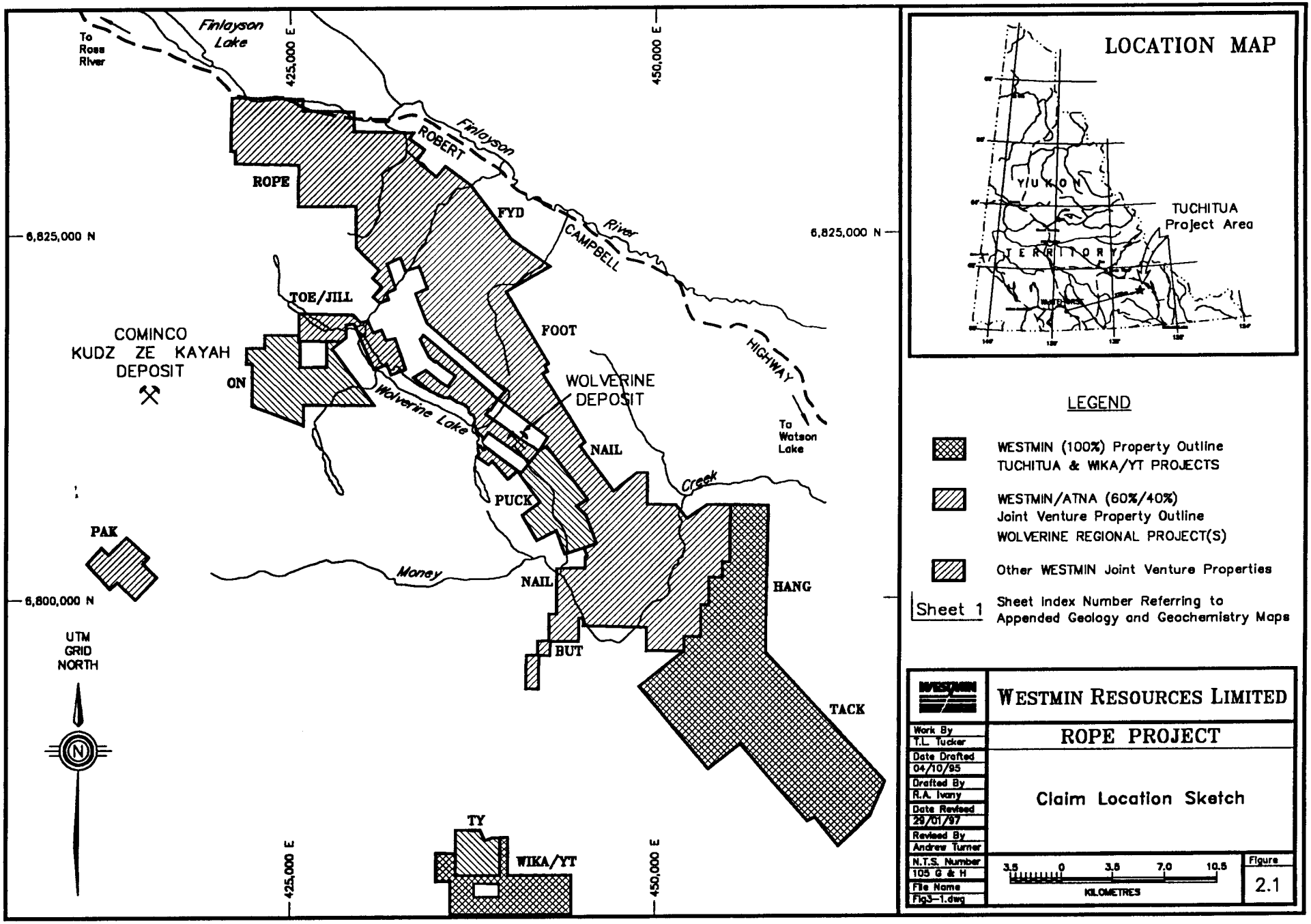
Claim names, record numbers, record dates, and expiry dates for the claims covered in this report are given in Appendix B. The claims are held by Westmin Resources Limited of Vancouver, B.C. and are subject to a 60/40 joint venture between Westmin Resources Limited and Atna Resources Ltd., respectively, both of Vancouver, B.C.. The claim location is shown on Figure 2.1 and a copy of the claim map (Figure 2.2) is included in Appendix G.

4.0 PREVIOUS WORK

No exploration is known to have been carried out over the area covered by this report prior to the 1996 exploration program carried out by Westmin Resources Limited described in Terry et al. (1997). Historically work in the region focused around the area which now surrounds the Wolverine discovery, southeast of the ROPE claim group.

5.0 REGIONAL GEOLOGY

The property is situated within the Finlayson Lake belt of the southeastern Yukon, an elongate composite body bounded on the southwest by the Tintina Fault Zone and on the northeast by the Finlayson Lake Fault Zone (Figure 3.1). The Tintina Fault Zone is a major transcurrent structure along which



LOCATION MAP

LEGEND

- WESTMIN (100%) Property Outline
  TUCHITUA & WIKA/YT PROJECTS
- WESTMIN/ATNA (60%/40%)
  Joint Venture Property Outline
  WOLVERINE REGIONAL PROJECT(S)
- Other WESTMIN Joint Venture Properties
- Sheet 1 — Sheet Index Number Referring to Appended Geology and Geochemistry Maps

WESTMIN RESOURCES LIMITED

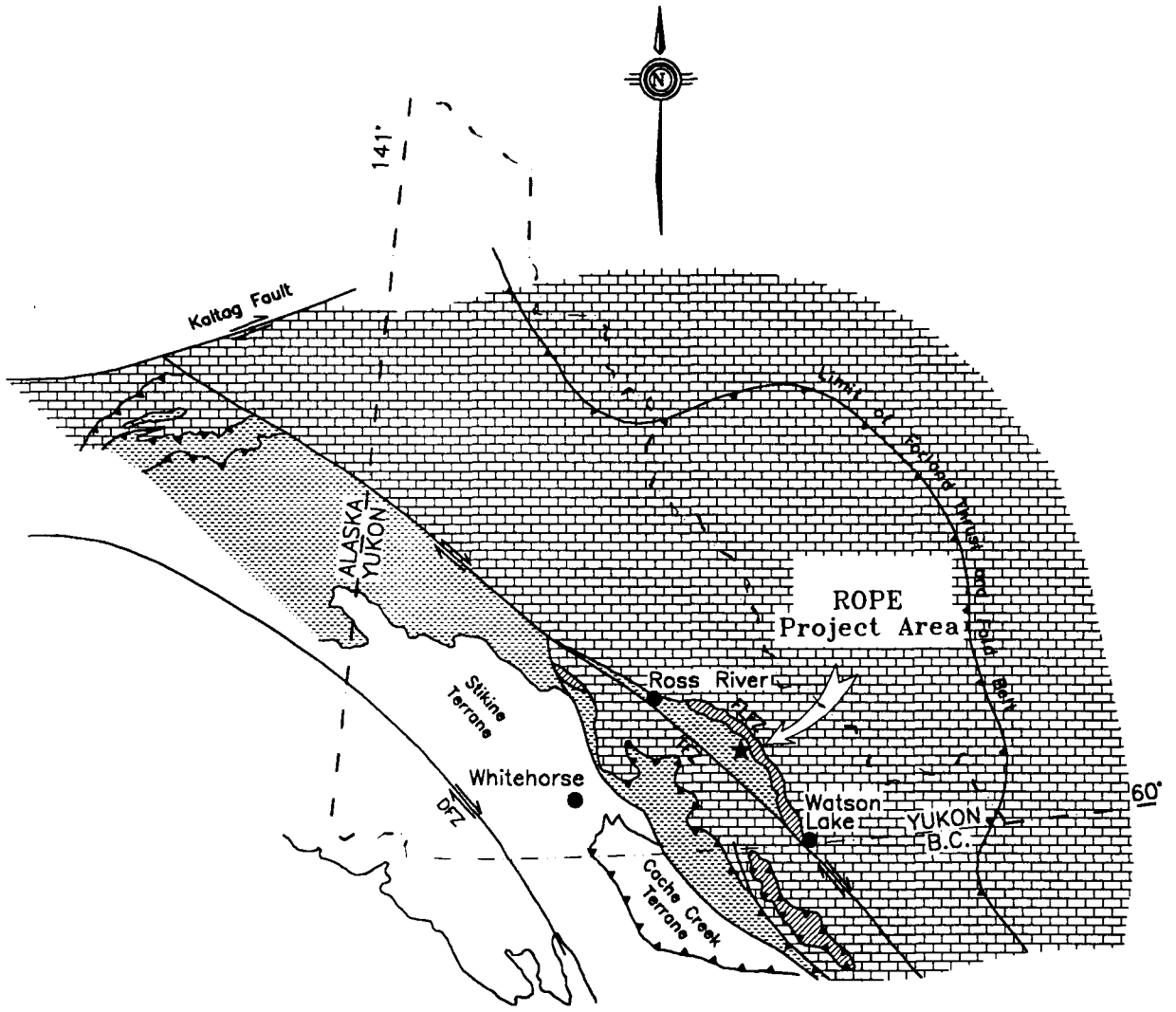
ROPE PROJECT

Claim Location Sketch

Work By	T.L. Tucker
Date Drafted	04/10/95
Drafted By	R.A. Ivany
Date Revised	28/01/97
Revised By	Andrew Turner
N.T.S. Number	105 G & H
File Name	Fig3-1.dwg

3.5 0 3.5 7.0 10.5
KILOMETRES

Figure 2.1



LEGEND

- North American Miogeoclinal Strata
- Yukon – Tanana Terrane
- Slide Mountain Terrane
- Thrust Fault
- Strike–Slip Fault, with sense of movement
  - FLFZ – Finlayson Lake Fault Zone
  - TFZ – Tintina Fault Zone
  - DFZ – Denali Fault Zone

	WESTMIN RESOURCES LIMITED ATNA Resources Ltd.
Work By	ROPE PROJECT AREA
Date Drafted Nov. 24, 1996	Tectonic Setting
Drafted By A.T. & J.K.	after Mortensen and Jilson (1985)
N.T.S. Number	100 0 100 200 250km Scale1 : 10 000 000
File Name Figure31.dwg	Figure 3.1

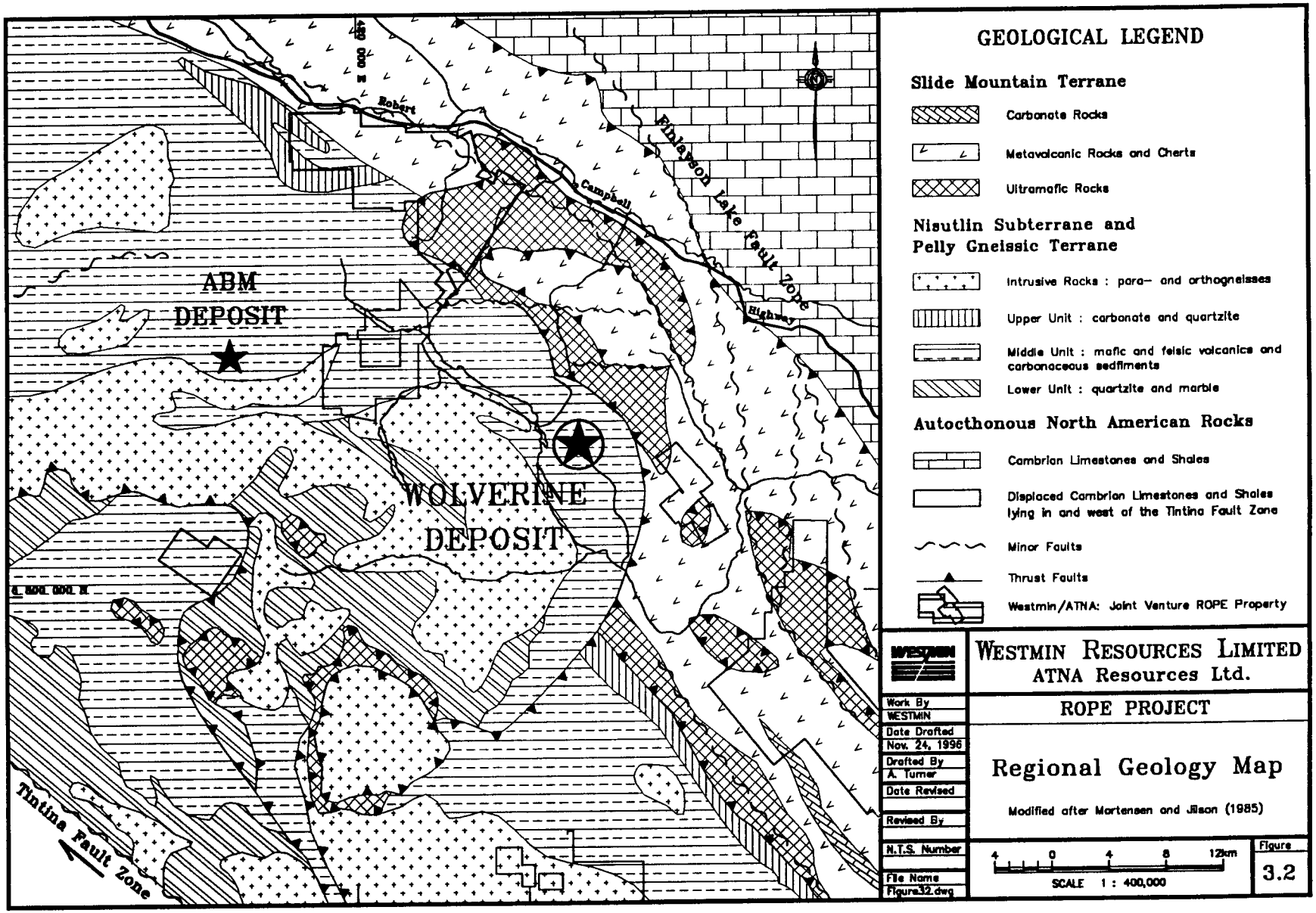
approximately 450 km of dextral offset occurred in Late Cretaceous and/or early Tertiary time (Tempelman-Kluit et al., 1976). The Finlayson Lake Fault Zone is described by Mortensen (1996, personal communication) as a complex structure which may in part represent a transpressive dextral paleosuture.

Much of the Finlayson Lake belt is underlain by rocks grouped with the Yukon Tanana Terrane (YTT) by Mortensen and Jilson (1985). The YTT underlies a large area of western to southeastern Yukon and east-central Alaska. The YTT rocks in the Finlayson Lake Belt are believed to be offset along the Tintina Fault from the main body of the YTT in the western Yukon. Mortensen (1992) has divided the YTT in the Yukon into 3 main structural assemblages: 1) the Nisling assemblage, a lower quartzite and marble package of possible Proterozoic and/or Cambrian age; 2) the middle Nasina assemblage, a package of Late Devonian to mid Mississippian carbonaceous metasedimentary and mafic to felsic metavolcanic rocks; and 3) an upper package of mid-Permian felsic metavolcanics (Klondike Schist) and metaplutonic rocks. Recent interpretations conclude that the YTT represents a mid-Paleozoic volcanic-plutonic arc assemblage built on continental crust (Nokleberg and Aleinikoff, 1985; Mortensen and Jilson, 1985; Foster et al., 1987; and Mortensen, 1992). Although the andesitic volcanics one would expect to be voluminous in a continental margin arc setting are seemingly not present in the Finlayson Lake Belt, Mortensen (1996, personal communication) suggests that large K-feldspar megacrystic granitoids which form part of the core of the belt are intermediate in composition and therefore, together with the volcanics, represent a differentiated igneous suite.

Regional metamorphism throughout the YTT ranges from very low grade to amphibolite facies. Radiometric dating suggests that metamorphic events may have occurred at different times in different subterranes. Mortensen and Jilson (1985) have subdivided the YTT in the Finlayson Lake Belt into six major lithologic packages: 1) a sequence of layered metasediments and metamorphic

rocks; 2) Paleozoic metaplutonic rocks; 3) middle to late Paleozoic mafic and ultramafic igneous rocks and chert; 4) early Mesozoic clastic rocks; 5) Mesozoic plutonic rocks; and 6) Late Cretaceous and/or early Tertiary volcanic rocks (Figure 3.2). The layered metamorphic package (LMP) is approximately 3 km thick and is divisible into: 1) a lower Devonian and older quartz+mica+/-garnet schist and quartzite package with an upper marble/calcareous schist unit; 2) a middle dark siliceous to carbonaceous phyllite unit interlayered with mafic and felsic volcanics. U-Pb zircon ages of the felsic metavolcanics range from Late Devonian to mid-Mississippian; and 3) an upper white carbonate/quartzite package of Early Pennsylvanian to Permian age (Mortensen and Jilson, 1985). Paleozoic metaplutonic rocks are divided by Mortensen and Jilson (1985) into: 1) the Simpson range plutonic suite of quartz-monzonite to quartz-diorite (349-359 Ma, U-Pb zircon); 2) augen orthogneiss (342 Ma, Rb-Sr); and 3) monzonitic orthogneiss (340-345 Ma, U-Pb zircon). The first two are considered to have an intrusive relationship with the lower LMP due to pyritization of wallrocks in the case of the Simpson suite and a hornfelsed aureole bordering the augen orthogneiss.

Large bodies of massive to pillowed greenstone, chert, and variably serpentinized ultramafic to mafic plutonic rocks are common in the northeastern portion of the Finlayson Lake belt and have been interpreted (Tempelman-Kluit, 1979 and Mortensen and Jilson, 1985) as fragments of a dismembered ophiolite. Tempelman-Kluit (1979) mapped these rocks as part of the Anvil alllochthon whereas they are referred to as the Campbell Range Belt by Mortensen and Jilson (1985). They are thought to correlate with the Slide Mountain terrane in British Columbia and based upon U-Pb zircon dates and fossil ages they range from latest Devonian to Early Permian in age. The southern portion of the Finlayson Lake Fault Zone adjacent to the Wolverine Lake area is overlapped by thrust sheets of the Campbell Range Belt in a flower-fault structural relationship (Mortensen, 1996 personal communication). The ophiolitic package is


ABM
DEPOSIT
WOLVERINE
DEPOSIT
Robert
Campbell
Finlayson Lake Fault Zone
Highway
Tintina Fault Zone
GEOLOGICAL LEGEND
Slide Mountain Terrane
Carbonate Rocks
Metavolcanic Rocks and Cherts
Ultramafic Rocks
Nisutlin Subterrane and
Pelly Gneissic Terrane
Intrusive Rocks : para- and orthogneisses
Upper Unit : carbonate and quartzite
Middle Unit : mafic and felsic volcanics and carbonaceous sediments
Lower Unit : quartzite and marble
Autocthonous North American Rocks
Cambrian Limestones and Shales
Displaced Cambrian Limestones and Shales lying in and west of the Tintina Fault Zone
Minor Faults
Thrust Faults
Westmin/ATNA: Joint Venture ROPE Property
WESTMIN RESOURCES LIMITED
ATNA Resources Ltd.
ROPE PROJECT
Regional Geology Map
Modified after Mortensen and Jilson (1985)
Work By
WESTMIN
Date Drafted
Nov. 24, 1996
Drafted By
A. Turner
Date Revised
Revised By
N.T.S. Number
File Name
Figure32.dwg
4 0 4 8 12km
SCALE 1 : 400,000
Figure
3.2

interpreted to have been thrust from northeast to southwest overtop of the middle package of the LMP in the Wolverine Lake area.

The middle division of the LMP comprises dark fine-grained strongly carbonaceous metasediments interlayered with massive to schistose felsic volcanic to tuffaceous rocks and chloritic to amphibolitic schists after mafic tuffaceous rocks. The most significant massive sulphide occurrences in the Finlayson Lake area (Wolverine, ABM/Kudz Ze Kayah, and Fire Lake) are hosted by this volcano-sedimentary package and are associated with carbonaceous metasediments and/or felsic metavolcanics.

6.0 PROPERTY GEOLOGY

Only limited geologic mapping and rock sampling was carried out during the 1997 exploration program on the ROPE claims. This was restricted to the area covered by the new soil grid (i.e. the ROPE Grid). Sample descriptions are given in Appendix E and geochemical analyses are located in Appendix G. The terrain underlying the ROPE Grid is flat to gently rolling and is largely covered by stunted cedar forest, with <1% outcrop overall. The outcrop which was observed was almost entirely confined to a ridge along the southern portion of the claim group which swings northward to parallel the north-flowing stream which cuts the eastern part of the baseline. The rock samples collected comprised dark grey to black graphitic argillite and buff green coloured gritty siltstone of andesitic composition. The outcrops observed were foliated (northwest-southeast strike dipping shallowly northeast) with the foliation locally folded by a later event (F2). None of the rocks sampled contained anomalous amounts of base or precious metals.

In the northern part of the ROPE claims, immediately south of the Robert Campbell highway, some small outcrops of chert or cherty rhyolite contains disseminated pyrite and pyrrhotite associated with manganese oxide coating. In

contact with the siliceous unit is a massive granitoid with a granitic to syenitic composition. Further south local rubblecrop and float of both mafic volcanic and grey argillite occurs. The higher ground in the southern portion of the Rope claims is underlain by thick massive flows of brown weathering basaltic mafic volcanics. Jointing and weak foliation in these rocks trends northeast and dip either steeply to the northwest or vertically. In the western part of the Rope claims a large package of limestone outcrops in the central portion of the claim block and minor mafic volcanic float suggests that basalt occurs to the north, between the carbonate package and the highway.

7.0 SOIL SAMPLING

During soil sampling on the ROPE claims samples of B-horizon material were taken in all cases except were soil development was poor. In these instances, samples comprised of talus fines or other C-horizon type material were collected. Soil sample stations were marked in the field with flagging tape and a tyvex tag with the sample number written on it. 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 ICP-AES and Au by fire assay-atomic absorption. The results are found in Appendix G.

7.1 ROPE Grid

In total 865 soils samples were collected on the ROPE Grid. The results are tabulated in Appendix G and are summarized below in Table 7.2. In most areas of the grid samples were collected at 50 m intervals along gridlines spaced at 100 m. The sample spacing was tightened up to 25 m on the gridlines crossing over the highly anomalous soil line (up to 35 ppb Au, 2 ppm Ag, 68 ppm Pb, and 3000 ppm Zn) from the 1996 summer program which the ROPE grid work was designed to follow up on. Along some of the lines significant amounts

of permafrost was encountered locally making it impossible to collect a soil sample. In these cases no sample was collected. Grid sample locations are shown on Figure 7.1.1 and Au, Ag, Cu, Pb, Zn, and Ba are plotted on Figures 7.1.2 through 7.1.7, respectively.

The most geochemically anomalous area from the 1997 sampling occurs in the southwestern quadrant of the ROPE Grid. Here a northwest-southeast trending domain up to 800 m long by 200 m wide contains anomalous Au, Ag, Cu, Pb, Zn, and Ba. The highest multielement anomalies are located near the southern portion of L6200 E where up to 2.5 g/t Au and 0.6 % Zn were returned from soils collected near a small (1 m^2) kill zone underlain by ferruginous orange soil.

Table 7.1 ROPE Grid Soil Geochemical Statistics

	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ba (ppm)
Maximum	2460	5.4	1145	162	6460	8250
Minimum	<5	<0.2	6	<2	26	140
Mean	16.8	0.4	50	11	149	1652.2
Percentile –99th	107	3	245	57	819	5467
Percentile –95th	30	1.37	117	22	317	3567
Percentile -90th	20	0.94	89	18	246	2761
Percentile -80th	10	0.6	61	14	180	2090
Percentile -75th	10	0.4	56	14	158	1870
Percentile -50th	2.5	0.1	38	10	106	1360
Percentile -10th	2.5	0.1	18	4	64	910

7.2 Regional Soils

In total 567 soil samples were collected outside of the ROPE Grid area on the ROPE claim group during the 1997 program. The samples were collected along hip chain and compass lines located by differentially corrected GPS. Most samples were collected using a 100 m sample interval. Geochemical statistics for the regional soils are compiled in Table 7.2 below. Sample locations are

given on Figures 7.2.1 and 7.3.1 and Au, Ag, Cu, Pb, Zn, and Ba are plotted on Figures 7.2.2 through 7.2.7 and 7.3.2 through 7.3.7.

Gold values were almost all below detection, the highest anomaly being a single sample analyzing 145 ppb Au from the northwestern part of the claim group. Another spot high (130 ppb Au) is located in the northeastern poriton of the claim group on the boundary with the adjoining OOP claims. Similarly several spot high Ag values occur in the eastern part of the claim group, the remainder being below detection. A two station Cu anomaly (373 and 175 ppm Cu) occurs in the northwest corner of the claim group and several spot highs occur in the eastern portion of the claims. No significant Pb or Zn anomalies were detected (the highest values were 30 ppm and 304 ppm, respectively), and only several weak spot Ba highs stand out on the easternmost part of the property.

Table 7.2 ROPE Regional Soil Geochemical Statistics

	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ba (ppm)
Minimum	<5	<0.2	6	<2	12	200
Maximum	145	1.6	440	30	304	2380
Mean	3.6	0.1	40.6	7.3	83.5	1116
Percentile – 99th	5	0.1	88	14	132	1630
Percentile – 95th	2.5	0.1	66	12	120	1480
Percentile – 80th	2.5	0.1	51	10	106	1360
Percentile – 75th	2.5	0.1	47	10	102	1305
Percentile – 50th	2.5	0.1	34	6	80	1110
Percentile – 10th	2.5	0.1	15	1	48	760

8.0 DIAMOND DRILLING

After receiving the soil geochemistry results from the ROPE grid it was decided to move the Hagby hydraulic drill to the ROPE claims to drill-test the anomaly. In total 325.5 metres were drilled in two holes on the southern portion of the ROPE grid. The locations of the drill holes is shown on Figure 7.1.1. Drill

logs are included in Appendix F and geochemcial data is in Appendix G. Figure 8.1 is a cross section normal to RP97-01 and RP97-02.

The target anomaly occurs in a relatively flat area with little outcrop. The first hole (RP97-01) was collared approximately 165 meters northeast of a small orange soil exposure/kill zone from which up to 2.5 g/t Au and 2000 ppm Zn were attained in a soil sample. This hole intersected intercalated graphitic argillites and siltstones with interbedded units of pale green re-sedimented mafic tuffs in the lower portion of the hole. Pyrite mineralization occurred throughout the hole as disseminations and coarse-grained aggregates, commonly associated with quartz veining. In one spot 10 cm of fine-grained massive pyrite occurs in black graphitic argillite. No base metals were observed. As no apparent cause for the anomalous soil geochemistry was observed in the drill core a second hole (RP97-02) was collared just 50 metres from the kill zone. This hole intersected black carbonaceous argillite and siltstone with pyrite mineralization and quartz veining, similar to that observed in hole 1.

Both holes were samples from top to bottom and a split of the core (generally 2 m samples) was submitted to Chemex Labs of North Vancouver, B.C. for analysis by ICP-AES for 27 elements plus gold by FA-AA. The results are summarized below in Table 7.3 and are included in Appendix G.

Table 8.1 Geochemical Statistics for RP97-01 and RP97-02

	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ba (ppm)	As (ppm)	Sb (ppm)	Hg (ppm)
Minimum	3	0.1	15	1	16	60	1	0.8	<10
Maximum	590	3.8	294	40	2250	5250	2350	98	1430
Average	34	0.9	103	11	361	605	144.3	21.5	205.7
Percentile – 95th	120	2.3	205	28	1081	2672	537.5	64	752
Percentile – 90th	79	2.0	178	24	835	1891	261	52.8	588
Percentile – 80th	52	1.6	142	18	618	670	103.4	32.4	374
Percentile – 75th	40	1.4	133	16	516	540	78.75	28	270
Percentile – 50th	10	0.6	99	10	210	235	48	13.45	80
Percentile – 10th	3	0.1	35	1	56	120	14	4.86	10

As can be seen from Table 7.3 and Figure 8.1 there are significant geochemcially anomalous concentrations of metals in both of the drill holes on the ROPE property. That no mineralization other than pyrite was noted in the drill holes and that the primary lithology in both holes was fine-grained clastic sediments leads to the conclusion that these are a package of "metalliferous shales" and weathering and concentration of metals from these sediments in overlying soils gave rise to the anomalies detected during the survey. Interestingly, the intervals of each hole containing the most elevated gold values do not correspond with those having elevated Cu and Zn concentrations. This is particularly evident in RP 97-02 where the upper 70 metres of the hole contains anomalous Au up to 600 ppb Au while the interval between 50 and 125 metres contains elevated Zn, up to >2000 ppm Zn.

9.0 CONCLUSIONS AND RECOMMENDATIONS

The regional soil sampling on the ROPE claims outside of the ROPE Grid area failed to generate any anomalies of interest and so no further work is recommended on these areas. The multielement soil anomaly in the southwestern quadrant of the ROPE grid is likely caused by the package of metalliferous sediments underlying the area. The fact that in some locales metalliferous sediments are distally related to more proximal massive sulphide accumulations (i.e. Guymas Basin and Red Sea) suggests that the area should still be considered prospective. The lack of outcrop limits the potential for gaining futher geological insight, and the highly graphitic nature of the sediments limits the usefulness of geophysics for locating a sulphide body. It is recommended that efforts be made to exchange data with the owners of the claims to the south (Cominco's TAG claims and Expatriates ARM claims) to gain further understanding of the lithological setting and metallogenic environment that the metalliferous shales represent. A reconnaissance gravity survey is recommended as the next phase of fieldwork on the ROPE claims as it is the one

type of survey which may help to locate a sulphide body in the flat terrain underlying the ROPE Grid

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APPENDIX A

STATEMENT OF EXPENDITURES

STATEMENT OF EXPENDITURES

I, David A. Terry as agent for Westmin Resources Limited, #904-1055 Dunsmuir Street, Vancouver, B.C. do believe that a field program consisting of soil sampling, rock sampling, and geologic mapping was carried out on ROPE 1-553 and the KNOT 1-6 between June 15 and August 30, 1997.

The following expenses were incurred during the course of this work.

Diamond Drilling	$63,818.50
Salaries	$7,865.10
Helicopter	$44,103.00
Linecutting	$1,500.00
Camp Costs	$4,400.00
Geochemistry	$25,992.00
Miscellaneous report preparation costs	$1,000.00
Total:	**$148,678.60**

Notes:

1. Wages are based on actual man days spent on the property.
2. Helicopter charges are based on actual hours flown.
3. Assay charges are based on actual numbers of samples from the property.

And I make this solemn declaration conscientiously believing it to be true and knowing it is the same force and effect as if made under oath and by virtue of the Canadian Evidence Act.

Dated at Vancouver in the Province of British Columbia this 17 day of March, 1998.

David A. Terry , Ph.D.
Project .Geologist

APPENDIX B

LIST OF CLAIMS

pref	disp'n #	disposition name	Due date	Status
YB	69086	ROPE 1	April 6, 2000	A
YB	69087	ROPE 2	April 6, 2000	A
YB	69088	ROPE 3	April 6, 2000	A
YB	69089	ROPE 4	April 6, 2000	A
YB	69090	ROPE 5	April 6, 2000	A
YB	69091	ROPE 6	April 6, 2000	A
YB	69092	ROPE 7	April 6, 2000	A
YB	69093	ROPE 8	April 6, 2000	A
YB	69094	ROPE 9	April 6, 2000	A
YB	69095	ROPE 10	April 6, 2000	A
YB	69096	ROPE 11	April 6, 2000	A
YB	69097	ROPE 12	April 6, 2000	A
YB	69098	ROPE 13	April 6, 2000	A
YB	69099	ROPE 14	April 6, 2000	A
YB	69100	ROPE 15	April 6, 2000	A
YB	69101	ROPE 16	April 6, 2000	A
YB	69102	ROPE 17	April 6, 2000	A
YB	69103	ROPE 18	April 6, 2000	A
YB	69106	ROPE 21	April 6, 2000	A
YB	69107	ROPE 22	April 6, 2000	A
YB	69108	ROPE 23	April 6, 2000	A
YB	69109	ROPE 24	April 6, 2000	A
YB	69110	ROPE 25	April 6, 2000	A
YB	69111	ROPE 26	April 6, 2000	A
YB	69112	ROPE 27	April 6, 2000	A
YB	69113	ROPE 28	April 6, 2000	A
YB	69114	ROPE 29	April 6, 2000	A
YB	69115	ROPE 30	April 6, 2000	A
YB	69116	ROPE 31	April 6, 2000	A
YB	69117	ROPE 32	April 6, 2000	A
YB	69118	ROPE 33	April 6, 2000	A
YB	69119	ROPE 34	April 6, 2000	A
YB	69120	ROPE 35	April 6, 2000	A
YB	69121	ROPE 36	April 6, 2000	A
YB	69122	ROPE 37	April 6, 2000	A
YB	69123	ROPE 38	April 6, 2000	A
YB	69126	ROPE 41	April 6, 2000	A
YB	69127	ROPE 42	April 6, 2000	A
YB	69128	ROPE 43	April 6, 2000	A
YB	69129	ROPE 44	April 6, 2000	A
YB	69130	ROPE 45	April 6, 2000	A
YB	69131	ROPE 46	April 6, 2000	A
YB	69132	ROPE 47	April 6, 2000	A
YB	69133	ROPE 48	April 6, 2000	A
YB	69134	ROPE 49	April 6, 2000	A
YB	69135	ROPE 50	April 6, 2000	A
YB	69136	ROPE 51	April 6, 2000	A
YB	69137	ROPE 52	April 6, 2000	A
YB	69138	ROPE 53	April 6, 2000	A
YB	69139	ROPE 54	April 6, 2000	A
YB	69140	ROPE 55	April 6, 2000	A
YB	69141	ROPE 56	April 6, 2000	A
YB	69142	ROPE 57	April 6, 2000	A
YB	69143	ROPE 58	April 6, 2000	A
YB	69146	ROPE 61	April 6, 2000	A
YB	69147	ROPE 62	April 6, 2000	A
YB	69148	ROPE 63	April 6, 2000	A

pref	disp'n #	disposition name	Due date	Status
YB	69149	ROPE 64	April 6, 2000	A
YB	69150	ROPE 65	April 6, 2000	A
YB	69151	ROPE 66	April 6, 2000	A
YB	69152	ROPE 67	April 6, 2000	A
YB	69153	ROPE 68	April 6, 2000	A
YB	69154	ROPE 69	April 6, 2000	A
YB	69155	ROPE 70	April 6, 2000	A
YB	69156	ROPE 71	April 6, 2000	A
YB	69157	ROPE 72	April 6, 2000	A
YB	69158	ROPE 73	April 6, 2000	A
YB	69159	ROPE 74	April 6, 2000	A
YB	69160	ROPE 75	April 6, 2000	A
YB	69161	ROPE 76	April 6, 2000	A
YB	69162	ROPE 77	April 6, 2000	A
YB	69163	ROPE 78	April 6, 2000	A
YB	69166	ROPE 81	April 6, 2000	A
YB	69167	ROPE 82	April 6, 2000	A
YB	69168	ROPE 83	April 6, 2000	A
YB	69169	ROPE 84	April 6, 2000	A
YB	69170	ROPE 85	April 6, 2000	A
YB	69171	ROPE 86	April 6, 2000	A
YB	69172	ROPE 87	April 6, 2000	A
YB	69173	ROPE 88	April 6, 2000	A
YB	69174	ROPE 89	April 6, 2000	A
YB	69175	ROPE 90	April 6, 2000	A
YB	69176	ROPE 91	April 6, 2000	A
YB	69177	ROPE 92	April 6, 2000	A
YB	69178	ROPE 93	April 6, 2000	A
YB	69179	ROPE 94	April 6, 2000	A
YB	69180	ROPE 95	April 6, 2000	A
YB	69181	ROPE 96	April 6, 2000	A
YB	69182	ROPE 97	April 6, 2000	A
YB	69183	ROPE 98	April 6, 2000	A
YB	69184	ROPE 99	April 6, 2000	A
YB	69185	ROPE 100	April 6, 2000	A
YB	69186	ROPE 101	April 6, 2000	A
YB	69187	ROPE 102	April 6, 2000	A
YB	69188	ROPE 103	April 6, 2002	A
YB	69189	ROPE 104	April 6, 2000	A
YB	69190	ROPE 105	April 6, 2002	A
YB	69191	ROPE 106	April 6, 2000	A
YB	69192	ROPE 107	April 6, 2002	A
YB	69193	ROPE 108	April 6, 2000	A
YB	69194	ROPE 109	April 6, 2002	A
YB	69195	ROPE 110	April 6, 2000	A
YB	69196	ROPE 111	April 6, 2002	A
YB	69197	ROPE 112	April 6, 2000	A
YB	69198	ROPE 113	April 6, 2002	A
YB	69199	ROPE 114	April 6, 2000	A
YB	69200	ROPE 115	April 6, 2002	A
YB	69201	ROPE 116	April 6, 2000	A
YB	69202	ROPE 117	April 6, 2002	A
YB	69203	ROPE 118	April 6, 2002	A
YB	69204	ROPE 119	April 6, 2002	A
YB	69205	ROPE 120	April 6, 2002	A
YB	69206	ROPE 121	April 6, 2002	A
YB	69207	ROPE 122	April 6, 2002	A

pref	dispn #	disposition name	Due date	Status
YB	69208	ROPE 123	April 6, 2002	A
YB	69209	ROPE 124	April 6, 2002	A
YB	69210	ROPE 125	April 6, 2002	A
YB	69211	ROPE 126	April 6, 2002	A
YB	69212	ROPE 127	April 6, 2002	A
YB	69213	ROPE 128	April 6, 2002	A
YB	69214	ROPE 129	April 6, 2002	A
YB	69215	ROPE 130	April 6, 2002	A
YB	69216	ROPE 131	April 6, 2002	A
YB	69217	ROPE 132	April 6, 2002	A
YB	69218	ROPE 133	April 6, 2002	A
YB	69219	ROPE 134	April 6, 2002	A
YB	69220	ROPE 135	April 6, 2002	A
YB	69221	ROPE 136	April 6, 2002	A
YB	69222	ROPE 137	April 6, 2002	A
YB	69223	ROPE 138	April 6, 2002	A
YB	69224	ROPE 139	April 6, 2002	A
YB	69225	ROPE 140	April 6, 2002	A
YB	69226	ROPE 141	April 6, 2002	A
YB	69227	ROPE 142	April 6, 2002	A
YB	69228	ROPE 143	April 6, 2002	A
YB	69229	ROPE 144	April 6, 2002	A
YB	69230	ROPE 145	April 6, 2002	A
YB	69231	ROPE 146	April 6, 2002	A
YB	69232	ROPE 147	April 6, 2002	A
YB	69233	ROPE 148	April 6, 2002	A
YB	69234	ROPE 149	April 6, 2002	A
YB	69235	ROPE 150	April 6, 2002	A
YB	69236	ROPE 151	April 6, 2002	A
YB	69237	ROPE 152	April 6, 2002	A
YB	69238	ROPE 153	April 6, 2002	A
YB	69239	ROPE 154	April 6, 2002	A
YB	69240	ROPE 155	April 6, 2002	A
YB	69241	ROPE 156	April 6, 2002	A
YB	69242	ROPE 157	April 6, 2002	A
YB	69243	ROPE 158	April 6, 2002	A
YB	69244	ROPE 159	April 6, 2002	A
YB	69245	ROPE 160	April 6, 2002	A
YB	69246	ROPE 161	April 6, 2002	A
YB	69247	ROPE 162	April 6, 2002	A
YB	69248	ROPE 163	April 6, 2002	A
YB	69249	ROPE 164	April 6, 2002	A
YB	69250	ROPE 165	April 6, 2002	A
YB	69251	ROPE 166	April 6, 2002	A
YB	69252	ROPE 167	April 6, 2002	A
YB	69253	ROPE 168	April 6, 2002	A
YB	69254	ROPE 169	April 6, 2002	A
YB	69255	ROPE 170	April 6, 2002	A
YB	69256	ROPE 171	April 6, 2002	A
YB	69257	ROPE 172	April 6, 2002	A
YB	69258	ROPE 173	April 6, 2002	A
YB	69259	ROPE 174	April 6, 2002	A
YB	69260	ROPE 175	April 6, 2002	A
YB	69261	ROPE 176	April 6, 2002	A
YB	69262	ROPE 177	April 6, 2002	A
YB	69263	ROPE 178	April 6, 2002	A
YB	69264	ROPE 179	April 6, 2002	A

pref	disp'n #	disposition name	Due date	Status
YB	69265	ROPE 180	April 6, 2002	A
YB	69266	ROPE 181	April 6, 2002	A
YB	69267	ROPE 182	April 6, 2002	A
YB	69268	ROPE 183	April 6, 2002	A
YB	69269	ROPE 184	April 6, 2002	A
YB	69270	ROPE 185	April 6, 2002	A
YB	69271	ROPE 186	April 6, 2002	A
YB	69272	ROPE 187	April 6, 2002	A
YB	69273	ROPE 188	April 6, 2002	A
YB	69274	ROPE 189	April 6, 2002	A
YB	69275	ROPE 190	April 6, 2002	A
YB	69276	ROPE 191	April 6, 2002	A
YB	69277	ROPE 192	April 6, 2002	A
YB	69278	ROPE 193	April 6, 2002	A
YB	69279	ROPE 194	April 6, 2002	A
YB	69280	ROPE 195	April 6, 2002	A
YB	69281	ROPE 196	April 6, 2002	A
YB	69282	ROPE 197	April 6, 2002	A
YB	69283	ROPE 198	April 6, 2002	A
YB	69284	ROPE 199	April 6, 2002	A
YB	69285	ROPE 200	April 6, 2002	A
YB	69286	ROPE 201	April 6, 2002	A
YB	69287	ROPE 202	April 6, 2002	A
YB	69288	ROPE 203	April 6, 2002	A
YB	69289	ROPE 204	April 6, 2002	A
YB	69290	ROPE 205	April 6, 2002	A
YB	69291	ROPE 206	April 6, 2002	A
YB	69292	ROPE 207	April 6, 2002	A
YB	69293	ROPE 208	April 6, 2002	A
YB	69294	ROPE 209	April 6, 2002	A
YB	69295	ROPE 210	April 6, 2002	A
YB	69296	ROPE 211	April 6, 2002	A
YB	69297	ROPE 212	April 6, 2002	A
YB	69298	ROPE 213	April 6, 2002	A
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YB	69300	ROPE 215	April 6, 2002	A
YB	69301	ROPE 216	April 6, 2002	A
YB	69302	ROPE 217	April 6, 2002	A
YB	69303	ROPE 218	April 6, 2002	A
YB	69304	ROPE 219	April 6, 2002	A
YB	69305	ROPE 220	April 6, 2002	A
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YB	69308	ROPE 223	April 6, 2002	A
YB	69309	ROPE 224	April 6, 2002	A
YB	69310	ROPE 225	April 6, 2002	A
YB	69311	ROPE 226	April 6, 2002	A
YB	69312	ROPE 227	April 6, 2002	A
YB	69313	ROPE 228	April 6, 2002	A
YB	69314	ROPE 229	April 6, 2002	A
YB	69315	ROPE 230	April 6, 2002	A
YB	69316	ROPE 231	April 6, 2002	A
YB	69317	ROPE 232	April 6, 2002	A
YB	69318	ROPE 233	April 6, 2002	A
YB	69319	ROPE 234	April 6, 2002	A
YB	69320	ROPE 235	April 6, 2002	A
YB	69321	ROPE 236	April 6, 2002	A

pref	disp'n #	disposition name	Due date	Status
YB	69322	ROPE 237	April 6, 2002	A
YB	69323	ROPE 238	April 6, 2002	A
YB	69324	ROPE 239	April 6, 2002	A
YB	69325	ROPE 240	April 6, 2002	A
YB	69326	ROPE 243	April 6, 1999	A
YB	69327	ROPE 244	April 6, 1999	A
YB	69328	ROPE 245	April 6, 1999	A
YB	69329	ROPE 246	April 6, 1999	A
YB	69330	ROPE 247	April 6, 1999	A
YB	69331	ROPE 248	April 6, 1999	A
YB	69332	ROPE 249	April 6, 1999	A
YB	69333	ROPE 250	April 6, 1999	A
YB	69334	ROPE 251	April 6, 1999	A
YB	69335	ROPE 252	April 6, 1999	A
YB	69336	ROPE 253	April 6, 1999	A
YB	69337	ROPE 254	April 6, 1999	A
YB	69338	ROPE 255	April 6, 1999	A
YB	69339	ROPE 256	April 6, 1999	A
YB	69340	ROPE 257	April 6, 1999	A
YB	69341	ROPE 258	April 6, 1999	A
YB	69342	ROPE 259	April 6, 1999	A
YB	69343	ROPE 260	April 6, 1999	A
YB	69344	ROPE 261	April 6, 1999	A
YB	69345	ROPE 262	April 6, 2002	A
YB	69346	ROPE 263	April 6, 2002	A
YB	69347	ROPE 264	April 6, 2002	A
YB	69348	ROPE 267	April 6, 1999	A
YB	69349	ROPE 268	April 6, 1999	A
YB	69350	ROPE 269	April 6, 1999	A
YB	69351	ROPE 270	April 6, 1999	A
YB	69352	ROPE 271	April 6, 1999	A
YB	69353	ROPE 272	April 6, 1999	A
YB	69354	ROPE 273	April 6, 1999	A
YB	69355	ROPE 274	April 6, 1999	A
YB	69356	ROPE 275	April 6, 1999	A
YB	69357	ROPE 276	April 6, 1999	A
YB	69358	ROPE 277	April 6, 1999	A
YB	69359	ROPE 278	April 6, 1999	A
YB	69360	ROPE 279	April 6, 1999	A
YB	69361	ROPE 280	April 6, 1999	A
YB	69362	ROPE 281	April 6, 1999	A
YB	69363	ROPE 282	April 6, 1999	A
YB	69364	ROPE 283	April 6, 1999	A
YB	69365	ROPE 284	April 6, 1999	A
YB	69366	ROPE 285	April 6, 1999	A
YB	69367	ROPE 286	April 6, 1999	A
YB	69368	ROPE 287	April 6, 2002	A
YB	69369	ROPE 288	April 6, 2002	A
YB	69370	ROPE 291	April 6, 1999	A
YB	69371	ROPE 292	April 6, 1999	A
YB	69372	ROPE 293	April 6, 1999	A
YB	69373	ROPE 294	April 6, 1999	A
YB	69374	ROPE 295	April 6, 1999	A
YB	69375	ROPE 296	April 6, 1999	A
YB	69376	ROPE 297	April 6, 1999	A
YB	69377	ROPE 298	April 6, 1999	A
YB	69378	ROPE 299	April 6, 1999	A

pref	disp'n #	disposition name	Due date	Status
YB	69379	ROPE 300	April 6, 1999	A
YB	69380	ROPE 301	April 6, 1999	A
YB	69381	ROPE 302	April 6, 1999	A
YB	69382	ROPE 303	April 6, 1999	A
YB	69383	ROPE 304	April 6, 1999	A
YB	69384	ROPE 305	April 6, 1999	A
YB	69385	ROPE 306	April 6, 1999	A
YB	69386	ROPE 307	April 6, 1999	A
YB	69387	ROPE 308	April 6, 1999	A
YB	69388	ROPE 309	April 6, 1999	A
YB	69389	ROPE 310	April 6, 1999	A
YB	69390	ROPE 313	April 6, 1999	A
YB	69391	ROPE 314	April 6, 1999	A
YB	69392	ROPE 315	April 6, 1999	A
YB	69393	ROPE 316	April 6, 1999	A
YB	69394	ROPE 317	April 6, 1999	A
YB	69395	ROPE 318	April 6, 1999	A
YB	69396	ROPE 319	April 6, 1999	A
YB	69397	ROPE 320	April 6, 1999	A
YB	69398	ROPE 321	April 6, 1999	A
YB	69399	ROPE 322	April 6, 1999	A
YB	69400	ROPE 323	April 6, 1999	A
YB	69401	ROPE 324	April 6, 1999	A
YB	69402	ROPE 325	April 6, 1999	A
YB	69403	ROPE 326	April 6, 1999	A
YB	69404	ROPE 327	April 6, 1999	A
YB	69405	ROPE 328	April 6, 1999	A
YB	69406	ROPE 331	April 6, 1999	A
YB	69407	ROPE 332	April 6, 1999	A
YB	69408	ROPE 333	April 6, 1999	A
YB	69409	ROPE 334	April 6, 1999	A
YB	69410	ROPE 335	April 6, 1999	A
YB	69411	ROPE 336	April 6, 1999	A
YB	69412	ROPE 337	April 6, 1999	A
YB	69413	ROPE 338	April 6, 1999	A
YB	69414	ROPE 339	April 6, 1999	A
YB	69415	ROPE 401	April 6, 2002	A
YB	69416	ROPE 402	April 6, 2002	A
YB	69417	ROPE 403	April 6, 2002	A
YB	69418	ROPE 404	April 6, 2002	A
YB	69419	ROPE 405	April 6, 2002	A
YB	69420	ROPE 406	April 6, 2002	A
YB	69421	ROPE 407	April 6, 2002	A
YB	69422	ROPE 408	April 6, 2002	A
YB	69423	ROPE 409	April 6, 1999	A
YB	69424	ROPE 410	April 6, 1999	A
YB	69425	ROPE 411	April 6, 1999	A
YB	69426	ROPE 412	April 6, 1999	A
YB	69427	ROPE 413	April 6, 1999	A
YB	69428	ROPE 414	April 6, 1999	A
YB	69429	ROPE 415	April 6, 1999	A
YB	69430	ROPE 416	April 6, 1999	A
YB	69431	ROPE 417	April 6, 1999	A
YB	69432	ROPE 418	April 6, 1999	A
YB	69433	ROPE 419	April 6, 1999	A
YB	69434	ROPE 420	April 6, 1999	A
YB	69435	ROPE 421	April 6, 1999	A

pref	disp'n #	disposition name	Due date	Status
YB	69436	ROPE 422	April 6, 1999	A
YB	69437	ROPE 423	April 6, 1999	A
YB	69438	ROPE 424	April 6, 1999	A
YB	69439	ROPE 425	April 6, 1999	A
YB	69440	ROPE 426	April 6, 1999	A
YB	69441	ROPE 427	April 6, 2002	A
YB	69442	ROPE 428	April 6, 2002	A
YB	69443	ROPE 429	April 6, 2002	A
YB	69444	ROPE 430	April 6, 2002	A
YB	69445	ROPE 431	April 6, 2002	A
YB	69446	ROPE 432	April 6, 2002	A
YB	69447	ROPE 433	April 6, 2002	A
YB	69448	ROPE 434	April 6, 1999	A
YB	69449	ROPE 435	April 6, 1999	A
YB	69450	ROPE 436	April 6, 1999	A
YB	69451	ROPE 437	April 6, 1999	A
YB	69452	ROPE 438	April 6, 1999	A
YB	69453	ROPE 439	April 6, 1999	A
YB	69454	ROPE 440	April 6, 1999	A
YB	69455	ROPE 441	April 6, 1999	A
YB	69456	ROPE 442	April 6, 1999	A
YB	69457	ROPE 443	April 6, 1999	A
YB	69458	ROPE 444	April 6, 1999	A
YB	69459	ROPE 445	April 6, 1999	A
YB	69460	ROPE 446	April 6, 1999	A
YB	69461	ROPE 447	April 6, 1999	A
YB	69462	ROPE 448	April 6, 1999	A
YB	69463	ROPE 449	April 6, 1999	A
YB	69464	ROPE 450	April 6, 1999	A
YB	69465	ROPE 451	April 6, 2002	A
YB	69466	ROPE 452	April 6, 2002	A
YB	69467	ROPE 453	April 6, 2002	A
YB	69468	ROPE 454	April 6, 2002	A
YB	69469	ROPE 455	April 6, 2002	A
YB	69470	ROPE 456	April 6, 2002	A
YB	69471	ROPE 457	April 6, 1999	A
YB	69472	ROPE 458	April 6, 1999	A
YB	69473	ROPE 459	April 6, 1999	A
YB	69474	ROPE 460	April 6, 1999	A
YB	69475	ROPE 461	April 6, 1999	A
YB	69476	ROPE 462	April 6, 1999	A
YB	69477	ROPE 463	April 6, 1999	A
YB	69478	ROPE 464	April 6, 1999	A
YB	69479	ROPE 465	April 6, 1999	A
YB	69480	ROPE 466	April 6, 1999	A
YB	69481	ROPE 467	April 6, 1999	A
YB	69482	ROPE 468	April 6, 1999	A
YB	69483	ROPE 469	April 6, 1999	A
YB	69484	ROPE 470	April 6, 1999	A
YB	69485	ROPE 471	April 6, 1999	A
YB	69486	ROPE 472	April 6, 1999	A
YB	69487	ROPE 473	April 6, 1999	A
YB	69488	ROPE 474	April 6, 1999	A
YB	69489	ROPE 475	April 6, 2002	A
YB	69490	ROPE 476	April 6, 2002	A
YB	69491	ROPE 477	April 6, 2002	A
YB	69492	ROPE 478	April 6, 2002	A

pref	disp'n #	disposition name	Due date	Status
YB	69493	ROPE 479	April 6, 1999	A
YB	69494	ROPE 480	April 6, 1999	A
YB	69495	ROPE 481	April 6, 1999	A
YB	69496	ROPE 482	April 6, 1999	A
YB	69497	ROPE 483	April 6, 1999	A
YB	69498	ROPE 484	April 6, 1999	A
YB	69499	ROPE 485	April 6, 1999	A
YB	69500	ROPE 486	April 6, 1999	A
YB	69501	ROPE 487	April 6, 1999	A
YB	69502	ROPE 488	April 6, 1999	A
YB	69503	ROPE 489	April 6, 1999	A
YB	69504	ROPE 490	April 6, 1999	A
YB	69505	ROPE 491	April 6, 1999	A
YB	69506	ROPE 492	April 6, 1999	A
YB	69507	ROPE 493	April 6, 1999	A
YB	69508	ROPE 494	April 6, 1999	A
YB	69509	ROPE 495	April 6, 1999	A
YB	69510	ROPE 496	April 6, 1999	A
YB	69511	ROPE 497	April 6, 1999	A
YB	69512	ROPE 498	April 6, 1999	A
YB	69513	ROPE 499	April 6, 1999	A
YB	69514	ROPE 500	April 6, 1999	A
YB	69515	ROPE 501	April 6, 1999	A
YB	69516	ROPE 502	April 6, 1999	A
YB	69517	ROPE 503	April 6, 1999	A
YB	69518	ROPE 504	April 6, 1999	A
YB	69519	ROPE 505	April 6, 1999	A
YB	69520	ROPE 506	April 6, 1999	A
YB	69521	ROPE 507	April 6, 1999	A
YB	69522	ROPE 508	April 6, 1999	A
YB	69523	ROPE 509	April 6, 1999	A
YB	69524	ROPE 510	April 6, 1999	A
YB	70694	ROPE 511	April 6, 2002	A
YB	70695	ROPE 512	April 6, 2002	A
YB	70696	ROPE 513	April 6, 2002	A
YB	70697	ROPE 514	April 6, 2002	A
YB	70698	ROPE 515	April 6, 2002	A
YB	70699	ROPE 516	April 6, 2002	A
YB	70700	ROPE 517	April 6, 2002	A
YB	70701	ROPE 518	April 6, 2002	A
YB	70702	ROPE 519	April 6, 2002	A
YB	70703	ROPE 520	April 6, 2002	A
YB	70704	ROPE 521	April 6, 2002	A
YB	70705	ROPE 522	April 6, 2002	A
YB	70706	ROPE 523	April 6, 2002	A
YB	70707	ROPE 524	April 6, 2002	A
YB	70708	ROPE 525	April 6, 2002	A
YB	70709	ROPE 526	April 6, 2002	A
YB	70710	ROPE 527	April 6, 2002	A
YB	70711	ROPE 528	April 6, 2002	A
YB	70712	ROPE 529	April 6, 2002	A
YB	70713	ROPE 530	April 6, 2002	A
YB	70714	ROPE 531	April 6, 1999	A
YB	70715	ROPE 532	April 6, 1999	A
YB	70716	ROPE 533	April 6, 1999	A
YB	70717	ROPE 534	April 6, 1999	A
YB	70718	ROPE 535	April 6, 1999	A

pref	disp'n #	disposition name	Due date	Status
YB	70719	ROPE 536	April 6, 1999	A
YB	70720	ROPE 537	April 6, 1999	A
YB	70721	ROPE 538	April 6, 1999	A
YB	70722	ROPE 539	April 6, 1999	A
YB	70723	ROPE 540	April 6, 1999	A
YB	70724	ROPE 541	April 6, 1999	A
YB	70725	ROPE 542	April 6, 1999	A
YB	70726	ROPE 543	April 6, 1999	A
YB	70727	ROPE 544	April 6, 1999	A
YB	70728	ROPE 545	April 6, 1999	A
YB	70729	ROPE 546	April 6, 1999	A
YB	70840	ROPE 547	April 6, 1999	A
YB	70841	ROPE 548	April 6, 1999	A
YB	70842	ROPE 549	April 6, 1999	A
YB	70843	ROPE 550	April 6, 1999	A
YB	70844	ROPE 551	April 6, 1999	A
YB	70845	ROPE 552	April 6, 1999	A
YB	70846	ROPE 553	April 6, 1999	A
YB	89415	KNOT 1	April 6, 2002	A
YB	89416	KNOT 2	April 6, 2002	A
YB	89417	KNOT 3	April 6, 2002	A
YB	89418	KNOT 4	April 6, 2002	A
YB	89419	KNOT 5	April 6, 2002	A
YB	89420	KNOT 6	April 6, 2002	A

APPENDIX C

LIST OF PERSONNEL

LIST OF PERSONNEL

David F. Gale (Geologist)
#904-1055 Dunsmuir St.
Vancouver, B. C.
V7X 1C4

Jan Tindle (Field Assistant)
3341 Lakeside Road
Whistler, B.C
V0N 1B3

Yvonne Thorton (Field Assistant)
3341 Lakeside Road
Whistler, B.C
V0N 1B3

David A. Terry (Project Geologist)
904-1055 Dunsmuir St.
Vancouver, B.C.
V7X 1C4

APPENDIX D

GEOLOGIST CERTIFICATE

GEOLOGISTS CERTIFICATE

I, David A. Terry of 1568 Maplehurst Circle, Burnaby, in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am a Project Geologist with Westmin Resources Limited with offices at #904-1055 Dunsmuir Street, Vancouver, British Columbia.

2. THAT I have practiced my profession with various mining companies in Ontario, Quebec, British Columbia, Yukon, the United States, Argentina, and Chile for nine years.

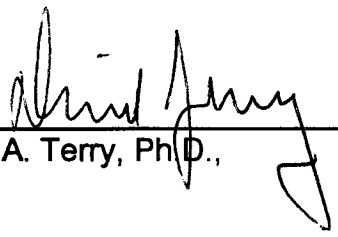
3. THAT I am a graduate of the University of Western Ontario and hold a Bachelor of Science in Geology (1988) and a Doctor of Philosophy in Geology (1997).

4. THAT I am a member of the Prospectors and Developers Association of Canada, the Geological Society of America, and the Society of Economic Geologists.

5. THAT this report is based on property work I personally carried out or managed.

6. THAT I have no direct interest in the property described herein, nor do I expect to receive any interest.

DATED at Vancouver, British Columbia this 17 day of March, 1998.



David A. Terry, Ph.D., Project Geologist

APPENDIX E

ROCK SAMPLE DESCRIPTIONS

Rope Grid Sample Descriptions

Sample	Certificate	Sample Type	Description
DTWV97-1A	A9733034	Float	Orange-weathering vocaniclastic breccia; 2-3% mg py; dk grey qv's
DTWV97-1B	A9733034	Float	Massive dk grey ankeritized rock with 1-2% fg diss'd py; wk HCl rxn
DTWV97-2	A9733034	Outcrop-grab	Orange weathering dark grey to black argillaceous chert; fine qv's
DTWV97-3	A9733034	Outcrop-grab	Buff green gritty siltstone-sandstone with andesitic composition
DTWV97-4	A9733034	Outcrop-grab	Dark grey weakly foliated argillaceous chert with thin qv's

APPENDIX F

DIAMOND DRILL LOGS

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DRILL LOG

PROJECT: ROPE	GROUND ELEV.: 359 M
HOLE NO.: RP97-01	BEARING: 194
LOCATION:	DIP: -55°
	TOTAL LENGTH: 200.6 M
LOGGED BY: G. BRADSHAW	HORIZONTAL PROJECT:
DATE: JULY 27	VERTICAL PROJECT:
CONTRACTOR: F. BOISVENU	**ALTERATION SCALE**
CORE SIZE: BQ	
DATE STARTED: JULY 24	**TOTAL SULPHIDE SCALE**
DATE COMPLETED: JULY 26	
DIP TESTS: 178.0 => -51.5°	



absent
slight
moderate
intense



traces only
< 1%
1% – 3%
3% – 10%
> 10%

COMMENTS

LEGEND

PAGE 1 OF | PROJECT: | HOLE NO. RP97-01

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.
				0.0 - 5.5 CASING DHCS							
				5.5 - 21.2 DARK GREY - BLACK GRAPHITIC ARGILLITE / QUARTZ VEINS							
				ARGR							
				· broken up, finely laminated moderately to strongly argillaceous sediment							
				· contains several percent (mainly from 17.9-21.2) quartz veins/inclusions. Size ranges from <<1mm up to 15 cm most are irregular							
			70°	and cross-cut foliation							
				· qtz often occurs as irregular blebs and clusters of microveinlets							
				· intense folding and deformation of the [illegible] revealed by tight folding of qtz veinlets							
				· lower contact fairly sharp - 60° angle.							
				ARGR							
			70°								
				21.2 - 40.9 GREY FINE GRAINED LAMINATED SILTSTONE SLST							
			65°	· very soft finely laminated very fine grained light grey sediment							
				· well foliated - slight colour and/or compositional variations parallel to foln suggest bedding and foln. are approx. parallel.							
				· minor 0.5-1mm white calcite - dolomite bands (often discontinuous) parallel to foln, some local larger (1-3mm) lenses of sandy dolomite/cc. also common. Local dark grey limey intervals							
			65°	SLST							
				· local interbeds of carbonaceous graphitic argillite - up to 40 cm. (Typically 5-10 cm)							

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PAGE 2 OF	PROJECT:	HOLE NO. RP97-[illegible]

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
- Rare traces of fine diss py.		5.5	9.0	3.5	173695	
		9.0	12.4	3.4	173696	
		12.4	15.7	3.3	173697	
		15.7	17.9	2.2	173698	
		17.9	19.5	1.6	173699	
		19.5	21.2	1.7	173700	
- Sparse fine - med grained diss py.		21.2	23.8	2.6	173901	
		23.8	26.3	2.5	173902	
		26.3	29.0	2.7	173903	

PAGE 3 OF | PROJECT: | HOLE NO. RP97-01

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (CHL)	B (SER)	C (EP)	D (CO_3)	E	FRACTURE INTENSITY	% VEIN QTZ.
28	SLST			SLST (cont.)							
				- qtz veins common tht typically 10-15 cm							
29				- complex structure displayed in tightly folded qtz. microveinlets and sedimentary bedding							
			70°								
30											
31				31.5 - 31.9 - black graphitic interbed - sharp, well defined contacts.							
32											
33											
34											
35											
36											
37											
			65°								
38				39.5 - 40.9 - thicker (~1cm) dolomitic beds, intensely folded w/ dk brown inkers							
39											
40				- sharp contact w/ more graphitic unit.							
41			20°								
				40.9 - 53.1 ARSS							
42				INTERBEDDED BLACK GRAPHITIC ARGILLITE AND GREY FINELY LAMINATED SILTSTONE.							
				mixed bag - about 50-70% graphitic							
43				black argillite, normally littered w/ quartz veins							
				and blebs. QVs are often broken up and							
44				irregular, typically 1-2 cm, up to 50 cm.							
				and occupy ~ 10-15% of unit.							
45				Remainder of unit is broken up locally							
				dolomitic sediment as SLST above							
46	ARSS										
				46.2-46.7 - broken up wht quartz vein.							
47											
				Unit generally very broken up w/ occ.							
48			65°	pebbly zones.							
49											
50											

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PAGE 4 OF	PROJECT:	HOLE NO. RP97-01

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		29.0	31.5	2.5	173904	
		31.5	34.3	2.8	173905	
		34.3	36.4	2.1	173906	
		36.4	38.4	2.0	173907	
		38.4	40.9	2.5	173908	
- traces of f.g. diss pyrite.		40.9	43.2	2.3	173909	
		43.2	46.2	3.0	173910	
		46.2	48.2	2.0	173911	
		48.2	50.5	2.3	173912	

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A (CHL)	B (SER)	C (EP)	D (CO_3)	E	FRACTURE INTENSITY	% VEIN QTZ.
51	ARSS				ARGR (cont.) - contact marked by transition to a strongly fault gouged interval w/ ab. quartz veining?							
52			55°	1								
53					53.1-62.9 STGG/QTVN BLACK GRAPHITIC FAULT GOUGE / BROKEN QUARTZ VEINS - 20% broken gravelly qtz veins remainder of unit is gouged - pebbly graphitic argillite.							
54												
55					← aphanitic gouge + broken qtz veins.							
56					sharp lower contact marked by end of fault gouge.							
57												
58												
59	STGG/QTVN		55°	1								
60					← very black graphitic gouge							
61												
62					62.4-67.4 ARSS INTERBEDDED BLACK GRAPHITIC ARGILLITE AND GREY FINELY LAMINATED [illegible] mixed up hodgy broken core consisting of ~ 60-70% black graphitic [illegible] and 30-40% broken up [illegible] grey variably calcareous [illegible] silt/sand is loose. Sharp [illegible]							
63												
64												
65	ARSS											
66												
67												
68			66°	1	67.4-78.6 ARGR/STGG BLACK GRAPHITIC FAULT GOUGE graphitic gouge w/ minor broken qtz veins. Poor recovery.							
69												
70	ARGR/STGG											
71												
72												
73												

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PAGE 3 OF	PROJECT:	HOLE NO. RP97-31

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		50.5	53.1	2.6	173913	
– Trace - 1% diss. pyrite.		53.1	56.0	2.9	173914	
		56.0	59.5	3.5	173915	
		59.5	62.9	3.4	173916	
– Trace - 1% diss - rudely zoned pyrite.		62.9	65.2	2.3	173917	
		65.2	67.4	2.2	173918	
Tr-1% v.f.g. diss pyrite thr unit.		67.4	69.7	2.3	173919	
75.6 - 10 cm of fine grained massive pyrite conspicuous radiating habit suggests open space growth in a vein. (10% vein quartz ass'd w/ pyrite)		69.7	75.6	5.9	173920	

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (CHL)	B (SER)	C (EP)	D (CO_3)	E	FRACTURE INTENSITY	% VEIN QTZ.
	ARGR/STGG			ARGR/STGG (cont.)							
74				Sharp contact - end of fault zone							
75			msv py w/ qv.								
76											
77											
78				78.6 - 116.2							
79	ARCB		75°	ARCB GREY-BLACK FINELY LAMINATED CARBONACEOUS SEDIMENT.							
80				badly broken up, block moderately - strongly graphitic carbonaceous sediment locally calcareous - numerous							
81				thin calcite veinlets, mildly folded.							
82				occ. quartz veins typically 5cm.							
83				Intact core typically contains sub-mm							
84				irregular, folded, patches + bands of							
85			76°	calcite - ~ 3-5%.							
86				Poor Recovery							
87											
88				broken + mildly graphitic.							
89											
90			BC								
91											
92											
93											
94											
95											
96											

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS			
		75.6	78.6	3.0	173921				
Tr-1% pyrite - common as very fine disseminations on fractures and foln.		78.6	83.9	5.3	173922				
		83.9	90.8	6.9	173923				
		90.8	103.0	12.2	173924				

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (Clz)	ALTERATION B (Ser)	ALTERATION C (Ep)	ALTERATION D (CO_3)	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.
97	ARCB		75°	ARCB (cont.)							
98				broken up - pebbly finely laminated mafic mudstone.							
99				local short intervals of grey siltstone as above. (3-5%, overall)							
100											
101											
102											
103			RC								
104											
105											
106											
107											
108											
109			80°								
110											
111											
112											
113											
114											
115											
116	MFST			116.2-156.2 MFST: GREY-GREENISH FINELY LAMINATED INTERMIXED FINE GRAINED RESEDIMENTED MAFIC VOLCANIC AND CALCAREOUS SILTSTONE → very soft fine grained grey-slightly green sediments are possibly resedimented mafic volcanics. (dominate unit ~60%)							
117											
118											
119											

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				✓
		103.0	113.3	10.3	173925					
		113.3	116.2	2.9	173926					
~ 1% finely diss py within msv E.g. siltstones coarse rectangular aggregates		116.2	118.6	2.4	173927					
+ finely crystalline pyrite appear frequently after 153.9		118.6	121.3	2.7	173928					

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (CHL)	B (SER)	C (EP)	D (CO_3)	E	FRACTURE INTENSITY	% VEIN QTZ.
120	MFST			- contain minor CO_3 (powder fizzes slightly) - (look similar to rocks interpreted as mafic tuffs on Fox and Fisher) - these rocks are intercalated w/ grey slightly calcareous siltstones as described above often contacts are jagged and irregular. - ~10% black carbonaceous argillite interbeds. - ab qtz microveining - strong structural influence creates an overall chaotic texture.							
121											
122											
123											
124											
125											
126											
127			80°								
128											
129											
130											
131											
133											
133											
134											
135											
136											
137											
138											
139											
140			80°								
141											
142											

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS				
		121.3	124.4	3.1	173929					
		124.4	127.0	2.6	173930					
		127.0	129.6	2.4	173931					
		129.6	131.8	2.2	173932					
		131.8	134.6	2.8	173933					
		134.6	136.2	1.6	173934					
		136.2	137.6	1.4	173935					
		137.6	139.9	2.3	173936					
		139.9	142.2	2.3	173937					

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A (CHL)	B (SER)	C (EP)	D (CO_3)	E	FRACTURE INTENSITY	% VEIN QTZ.
143					MFST (cont.)							
144												
145			70°									
146												
147												
148												
149												
150												
151												
152					152.9-153.3 - weakly fault gouged							
153												
154					154.7 – 156.2 finely intercalated arg +							
155					green tuff, complex folding + deformation -							
156					original bedding ~ 70° to core axis at 85°							
157					156.2-160.6 BLACK FINELY LAMINATED CARBONACEOUS ARGILLITE WITH ABUNDANT QUARTZ MICROVEINS.							
158					ARCB							
159												
160												
161			70°									
162			85°		160.6-185.0 INTERBEDDED GREEN FINE-MEDIUM GRAINED RESEDIMENTED MAFIC VOLCANIC AND BLACK CARBONACEOUS ARGILLITE							
163					MFAR							
164					~ 50% black finely laminated carbonaceous							
165					sediments similar to above multiple							
					generations of late cross cutting qtz							
					microveins.							

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		142.2	144.4	2.2	173938	
		144.6	148.1	3.5	173939	
		148.1	150.6	2.5	173940	
		150.6	154.7	4.1	173941	
- coarse (5x5 mm) pyrite cubes common from 154.7 - 160.6. Appear to be aggregates.		154.7	156.2	1.5	173942	
- 2% coarsely disseminated py as above (euhedral crystalline aggregates) as well as [illegible] plates.		156.2	158.5	2.3	173943	
		158.5	160.6	2.1	173944	
- 3% diss to banded pyrite bands up to 3-4 mm, ass w/ qtz veins. Minor coarse dissemination (as above) in mafics and argillites.		160.6	163.0	2.4	173945	
		163.0	166.7	3.7	173946	

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (CHL)	B (SER)	C (EP)	D (CO3)	E	FRACTURE INTENSITY	% VEIN QTZ.
				MFAR (cont.)							
165				- 50% green fine grained (locally slightly coarser) resedimented dominantly mafic rock.							
167				- slightly calcareous very soft and chloritic							
168				- coarser intervals contain several percent subrounded white feldspar grains. (typically 0.5-1mm)							
169			65°	- locally coarser intervals look "epiclastic" and contain flattened ovoid carbonaceous argillite clasts. (up to 2mm)							
170				- Units interbedded with well defined contacts - typically ~1m.							
171											
173				- sharp lower contact into a completely green mafic unit.							
174											
175											
176											
177		MFAR									
178											
179			35°								
180											
181											
183											
184				186.0 - 194.8 MFTT GREEN FINE-MEDIUM GRAINED RESEDIMENTED MAFIC VOLCANIC.							
185				- fine grained soft green chloritic unit. Primary bedding when visible shows grain size variations suggesting that this unit is a fine volcanically derived sediment.							
187			68°	- late quartz microveins common cutting at ~50° to core axis.							
188		MFTT									

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS			
		166.7	169.3	2.6	173947				
		169.3	172.1	2.8	173948				
		172.1	173.8	1.7	173949				
		173.8	176.2	2.4	173950				
		176.2	178.7	2.5	173951				
		178.7	181.7	3.0	173952				
		181.7	183.7	2.0	173953				
- 1% sparse 1-4 mm irregular rimmed fine grained aggregates		183.7	186.0	2.3	173954				
		186.0	188.5	2.5	173955				

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (CHL)	B (SER)	C (EP)	D (CO_3)	E	FRACTURE INTENSITY	% VEIN QTZ.
189	MFTT			MFTT (cont.)							
				- white speckles that emit similar texture to upper subunits on rock)							
190				(sub-mm volcanic tephra)							
				- uniform texture, fairly competent unit.							
191											
192			75°								
193											
194											
				194.8-197.3 ARCB	BLACK FINELY LAMINATED CARBONACEOUS ARGILLITE WITH ABUNDANT QUARTZ MICROVEINS - same as above (156.2-150.5)						
195	ARCB										
196											
197				197.3-200.2 MFTT	GREEN FINE-MEDIUM GRAINED RESEDIMENTED MAFIC VOLCANIC						
198	MFTT				- similar to MFTT above (186.0-194.8)						
					- but contains frequent white to creamy colored irregularly shaped (rounded ovoid to angular) blobs						
199					- dolomitic pods - 200.1 with qtz						
200											
201				200.2-200.6 ARCB.	BLACK CARBONACEOUS ARGILLITE same as above.						
202					200.6 - EOH						
203											
204											
205											
206											
207											
208											
209											
210											
211											

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PAGE 18 OF	PROJECT:	HOLE NO. RP97-01

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		188.5	191.4	2.9	173956	
		191.4	194.8	3.4	173957	
		194.8	197.3	2.5	173958	
- 1-2% py. bands to 4mm usu assl w/ qtz veins.						
		197.3	200.6	3.3	173959	

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DRILL LOG

PROJECT: Rope	GROUND ELEV.
HOLE NO.: RP-97-02	BEARING: 194°
LOCATION	DIP: -45°
	TOTAL LENGTH: 124.9m
LOGGED BY: D. Gale	HORIZONTAL PROJECT
DATE	VERTICAL PROJECT
CONTRACTOR: F. Boisvenu	**ALTERATION SCALE**
CORE SIZE: BQ	0 1 2 3 — absent, slight, moderate, intense
DATE STARTED: July 30th	**TOTAL SULPHIDE SCALE**
DATE COMPLETED: Aug 1	0 1 2 3 4 — traces only, < 1%, 1% – 3%, 3% – 10%, > 10%
DIP TESTS	

COMMENTS

→ Entire hole lies within an argillaceous to slightly coarser grained sequence of sediments. Rocks vary from black, fine grained Argillite to siltstones to units that have these rocks interbedded on a centimeter scale.

→ Mineralization consists of py, mainly occurring in the abundant quartz-calcite veins. Py also seen as trace to 1% within the sediments and as euhedral cubic xtls within a 3m wide fault gouge zone. One occurrence of sphalerite was observed.

→ No alteration observed in the hole.

LEGEND

PAGE 1 OF | PROJECT: | HOLE NO. FF-97-02

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A Chl	B Ser	C Ep	D Carb	E	FRACTURE INTENSITY	% VEIN QTZ.
	DHCS		75	5.2 - 6.1 DHCS Casing recovered broken and finely black carbonaceous argillite - Core consists of broken oxidized fragments							
	ARCB			6.1 - 6.6 ARCB Black carbonaceous argillite - Fine grained, moderately to strongly foliated. - Brownish white (weakly oxidized) qtz veins are aligned both parallel to dominant foliation and form small (0.2 - 0.5 cm) tight to isoclinal folds. Qtz veins total ~ 15% of interval. Veins are typically 0.2 cm wide. - Dominant foliation lies axial planar to folds of veins. Limbs are dislocated along the foliation planes and typically only fold closures are preserved - Core angle: 75° @ 6.0m							
	SLST										
	ARSS			6.6 - 13.1 SLST Light grey moderately to strongly foliated, siltstone with black fine grained layers of carbonaceous argillite. - Interval is dominated by siltstone that grade into black argillite. Avg. totals ~ 10-15% of interval and form 4-12cm bands. - Siltstone shows a fragmented texture which is most likely due to the strong foliation. - Grading is observable but no consistent patterns are observable. - Qtz veins are filled and comprise ~ 3-5% of interval. They are brownish-white in colour. The brown colouration could be due to Fe-carb within the veins - Some 4-10cm intervals within siltstone are dolomitic in comp.							
	ARCB		75								
	SLST										
	ARSS										
				Structure: Extensive foliation on the 75-80° scale. Defined by qtz veins + by bedding between finer ARG + coarser siltstone. In places, there seems to be a flattening foliation // to bedding. Folds forming by qtz veins in the more planar.							
	SLST		80	Vergence is down the dip of the foliation (assuming a regional foliation of 275/95 (dipping to the north) and a hole azimuth of 194°) - View looking eastward [sketch] Vergence is uniform in the north of the							

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PAGE 2 OF	PROJECT:	HOLE NO. RP-97-02

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
Trace diss py found within the qtz veins that occurs within the carbonaceous sed.		6.1	6.6	0.5	173960	
		6.6	8.4	1.8	173961	
No min within ARCB						
SLST: Trace to 10% py occurs within the qtz veins. Py forms cubic vlts as well as fine disseminations.		8.4	9.9	1.5	173962	
		9.9	11.5	1.6	173963	
		11.5	13.1	1.6	173964	
Py associated with qtz veining. Diss are totalling trace to 1% of interval		13.1	14.1	1.0	173965	
		14.1	15.5	1.4	173966	
ARCB: Py mineralization observed within qtz veins within these units py is mainly in mafics + is finely diss. 1% to 60-70 of veins are py.		15.5	17.3	1.8	173967	
15.5 - SLST: Trace to 2% py in qtz veins. Also forms massive pods of py in the qtz veins.		17.3	18.7	1.4	173968	
		18.7	19.7	1.0	173969	
18.7 - ARSS: Trace to 3% py over interval located within the qtz veins.		19.7	21.1	1.4	173970	
		21.1	23.1	2.0	173971	
SLST: 1% py within qtz veins, trace to 1% py diss throughout rock. The diss py forms sub-hedral to euhedral cubes ~ 0.1-0.3 cm in size		23.1	23.8	0.7	173972	
		23.8	25.3	1.5	173973	
		25.3	27.6	2.3	173973	
		26.6	28.0	1.4	173974	

PAGE 3 OF | PROJECT: | HOLE NO. FP-97-02

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.
				13.1 - 14.0 Argillaceous siltstone							
				ARSS							
				- Black to grey in color + thinly bedded							
				- Alternating 10-15 cm intervals of siltstone + mudstone. 65-85 mix of Arg + siltstone.							
				- 5-10% qtz veins varies 0.2-2 cm thickness. Py associated with qtz veins.							
				- For either ARCB or SLST, the above descriptions apply							
				14.0 - 15.5 Black thinly bedded carbonaceous mudstone							
				ARCB							
				- qtz veins ~ 10-15% of interval, 0.2-2cm wide. Veins are // to foliation + filled with S_2 cutting ex. planar. Veins are also boudinaged in the S_2 foliation forming rod-like bodies							
			75								
				Core angle @ 15m : 75m							
				15.5m - 18.1m Light grey to black moderately foliated fine grained siltstone.							
				SLST							
				- Certain more coarse grained intervals are dolomitic							
				- 10-15% of this interval consists of ARCB							
				- 2 zones : 15.5-15.7 + 16.0-16.3 consisting of qtz vein stockwork zones. Qtz veins total 40-60% of rock.							
			80	- Within qtz veins which are homogeneously spread throughout interval there are 0.1-0.3 cm long veinlets of calcite							
				18.1m - 18.7m Black carbonaceous mudstone							
				ARCB							
				- Moderately foliated							
				- qtz veins totalling 5% of interval							
				- Matrix is weakly calcareous							
				18.7m - 23.1m Interbedded light grey siltstone with fine grained black carbonaceous mudstone							
				ARSS							
				- Approximately 60-40 Argillite - siltstone							
				- Typically contacts are sharp with rock changing sharply from light grey to black.							
				- A 2cm wide "fault" occurs at 22m and consists of graphitic-mush.							
				- Core angle is 80°							

SLST
ARCB
STFL
ARCB
STFL
ARCB

Westmin Resources

PAGE 4 OF	PROJECT:	HOLE NO. RP-97-02

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		28.0	29.4	1.4	173976	
		29.4	30.9	1.5	173977	
		30.9	32	1.1	173978	
		32	32.5	0.5	173979	
		32.5	33.6	1.1	173980	
		33.6	35.1	1.5	173981	
		35.1	35.7	0.6	173982	
		35.7	36.6	0.9	173983	
		36.6	37.7	0.9	173984	
		37.5	39.00	1.5	173985	
		39.0	40.5	1.5	173986	
		40.5	41.8	1.3	173987	
		41.8	42.3	0.5	173988	
43.3 A argillite/qtz frag at lower edge of young qtz vein 2% yellow-brown sph with py in A 2x3cm arg. frag. Color of sph indicates higher grade Zn 2-8% py diss as euhedral-subhedra cubes throughout fault zone		42.3	43.4	1.1	173989	
		43.4	44.00	0.6	173990	
		44.0	45	1.0	173991	
		45.0	45.5	0.5	173992	
		45.5	47	1.5	173993	
		47.	48.5	1.5	173994	
		48.5	49.8	1.3	173995	
		49.8	51.3	1.5	173996	

PAGE 5 OF | PROJECT: | HOLE NO. RP-97-02

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (Chl)	ALTERATION B (Ser)	ALTERATION C (Fp)	ALTERATION D (Carb)	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.
51	ARCB			23.1- 35.7 SLST: Light-grey, moderately foliated siltstone with interbedded carbonaceous Argillite - ARCB layers comprise ~ 15% of interval - 10-15 cm intervals within siltstone coarsen and contain fragments up to 0.1-0.2 cm in size. Tuffaceous appearance shown by these units. - Stockworks of qtz veins brecciate rock over 10-20 cm long intervals - Qtz-calcite + Qtz veins (both sets folded in foliation) occur over this interval. Also see younger qtz veins cross-cutting everything; 30.8-31.1 m - 31.9-32.3: Light grey to white, calcite to dolomitized and sericitically altered "fragmental-like" unit within the siltstones. Cream coloured carbonate most likely ankerite							
52											
53											
54											
55											
56											
57											
58	STGG		80	-							
59				Structure: Good S_1-S_0 + S_2 relationships over this interval. Bedding + S_1 defined by 0.1-0.2 cm wide Arg + SLST layers. S_0/S_1 is offset + folded by S_2 foliation. Bedding is completely folded throughout interval but shows same symmetry of offset as mention above							
60	ARSS										
61				Core angle: at 25m: 80°; at 35m: 75°							
62				35.7- 41.8 ARCB: Black fine grained moderately foliated Argillite - 5% of interval consists of folded 0.1-0.3 cm wide qtz veins. These veins typically form "fish-hooks" + small isoclinal folds preserved between discrete shear zones defined by the S_2 foliation planes. The limbs of these folds are rarely preserved.							
63	SLST										
64											
65			70	- White bull-qtz veins (un folded) develop over lower 0.5 m of interval - core angle 80°							
66											
67				41.8m- 42.7 QTUN: Qtz veins with ~ 5-10% of ARCB.							
68											
69				42.7-43.3 STFL: Broken core + faulted, fragmented core. Mixed chips of Arg + qtz							
70	ARSS			43.3- 44m ARCB: Black fine grained, moderately foliated carbonaceous Argillite							
71				44- 48.6 STGG: Fault gouge and preserved qtz veins - faulted rock appears to be ARCB - Euhedral py cubes are peppered throughout this fault zone							
72											
73											

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PAGE 6 OF	PROJECT:	HOLE NO. RP-97-07

	MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
51			51.3	52.7	1.4	173997	
52							
53			52.7	53.8	1.1	173998	
54			53.8	56.7	2.9	173999	
55							
56							
57			56.7	58	1.3	174000	
58			58.0	60	2.0	173851	
59							
60			60	61.5	1.5	173852	
61							
62	SLST: 1-3% py in qtz veins. Occurs both as weak discs and as massive, fine grained pods.		61.5	62.7	1.2	173853	
63			62.7	64.4	1.7	173854	
64							
65	ARGS: Pyrite ~ 1-3% occurs in qtz veins typically as fine grained massive pods. Trace py also occurs as		64.4	65.8	1.4	173855	
66			65.8	66.8	1.0	173856	
67	wisps aligned in the foliation.		66.8	68.1	1.3	173857	
68			68.1	69.4	1.3	173858	
69			69.4	70.8	1.4	173859	
70							
71			70.8	72.2	1.4	173860	
72			72.2	73.6	1.4	173861	
73							

PAGE 7 OF | PROJECT: | HOLE NO. RD-97-02

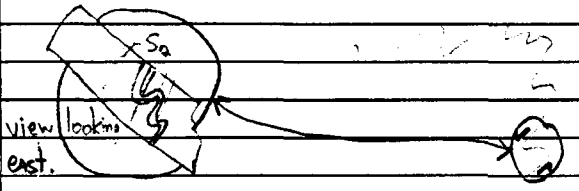
DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A Chl	B Ser	C Ep	D Carb	E	FRACTURE INTENSITY	% VEIN QTZ.
74	ARSS			48.5 - 57.2 ARCB	Black carbonaceous argillite - same description as above - Core is broken - Siltstone bands are developed at the over 0.5-0.7 m of the interval							
75			75									
76												
77				57.2 - 58 STGG	- Fault gouge + broken core within Argillite							
78				58.0m - 61.6 ARSS	Mixed black carbonaceous argillite and siltstone. - Units are graded + conformable into each other - Variation in grain size occurs on the 10-20cm scale. - 10-15% qtz veins throughout interval (unmineralized) - core angle: 80°							
79												
80												
81												
82				61.6 - 64.4 SLST	Banded light grey siltstone interbedded with 5-10 cm intervals of siliceous gritstone. - Also see intervals that have a fragmented chandler and are weakly calcite-dolomitic (powder fizzes weakly). Some fragments up to 0.7cm dia. - Also see minor, fine grained, black carbonaceous argillite - White, bull qtz veins at: 61.7-61.8; 61.9-70; 70.2-70.4. - Bedding and S_2 foliation are at an angle but completely variable and no constant angular relationship.							
83												
84												
85	ARCB		75									
86												
87												
88												
89				64.4m - 81 ARSS	Interbedded siltstone + carbonaceous Argillite - Same description as above.							
90					Core angle: 65m: 75° 75m: 75° - greyish black to black rock with 5-10cm siltstone beds within carbonaceous argillite - Abundant folds showing same symmetry as described above							
91												
92												
93												
94												
95	ARCB		85									
96												

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PAGE 8 OF | PROJECT: | HOLE NO RP-97-02

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
74		73.6	75.1	1.5	173862	
75		75.1	75.8	0.3	173863	
76		75.8	77.2	1.4	173864	
77		77.2	78.3	1.1	173865	
78		78.3	79.8	1.5	173866	
79						
80		79.8	81	1.2	173867	
81 ARCB: Trace to 1% py over entire interval - Also see massive, fine grained py forming bands 0.7-4 cm wide. These mass.		81	82.5	1.5	173868	
82						
83 bands are rare and only occur at 1) 80.4 - Beautiful 0.7cm wide qtz-py vein folded in S-folds		82.5	83.7	1.2	173869	
84		83.7	85	1.3	173870	
85 2) 81.8 - 2-2cm thick massive py veins 3) 96 m - 1.5-2cm folded mass. py-qtz vein.		85	86.5	1.5	173871	
86 4) 99.6 - 1.5-2cm folded mass py-qtz vein						
87 - Py is typically observed within the qtz carb veins but also see trace wisps + diss. within the Argillite		86.5	87.6	1.1	173872	
88		87.6	89	1.4	173873	
89		89	90.5	1.5	173874	
90						
91		90.5	91.6	1.1	173875	
92		91.6	92.8	1.2	173876	
93		92.8	94.2	1.4	173877	
94		94.2	95.7	1.5	173878	
95						
96		95.7	97.2	1.5	173879	

PAGE 9 OF | PROJECT: | HOLE NO. RP-97-02

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION Chl A	Ser B	Ep C	Carb D	E	FRACTURE INTENSITY	% VEIN QTZ.
97	ARCB			81.0-119.0 ARCB	Black, carbonaceous argillite - Fine grained argillite interbedded by ~ 10-15% grey-black silty bands - 5-10% of interval is veined by qtz-calcite-dolomite; veins are typically 0.2-0.5 cm thick. Py occurs in association with these veins.							
98												
99												
100					Structure - Numerous folds are observable across interval. - If the same assumption can be used w.r.t. the core angle = the regional foliation in the area then all folding consists of multiple S-folds (looking east). - The fold axes is app. horizontal and lies within the axial planar S_0 foliation plane.							
101												
102												
103												
104												
105			90									
106												
107												
108					- All folds have a S-fold symmetry suggesting that this axis (RP97-02) is on an overturned limb of an antiform. - All folds are tight to isoclinal with an interlimb angle of 10-15°							
109												
110												
111					Core angles 85m: 75° 105m: 90° 95m: 85° 115m: 90° 124m: Fault gouge - broken core							
112	ARCB											
113												
114					115.0-115.2 - STGG within ARCB							
115			90	119.0-121.6 STGG	Fault gouge in ARCB							
116				121.6-124.3 ARCB	Carbonaceous argillite - same as above - Broken core							
117												
118				124.3-124.9 STGG	Fault gouge in black carbonaceous argillite							
119												

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PAGE 10 OF	PROJECT:	HOLE NO. RP-97-02

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
97		97.2	98.6	1.4	173880	
98						
99		98.6	99.8	1.2	173881	
100		99.8	101.2	1.4	173882	
101		101.2	102.4	1.2	173883	
102		102.4	103.7	1.3	173884	
103						
104		103.7	105.0	1.3	173885	
105		105	106.5	1.5	173886	
106						
107		106.5	108	1.5	173887	
108		108	109.3	1.3	173888	
109		109.3	110.8	1.5	173889	
110						
111		110.8	112.3	1.5	173890	
112		112.3	113.6	1.3	173891	
113						
114		113.6	114.7	1.1	173892	
115		114.7	116.0	1.3	173893	
116		116	117.2	1.2	173894	
117		117.2	119.0	1.8	173895	
118						
119		119.0	121.6	2.6	173896	

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (Chl)	B (Ser)	C (Ep)	D (Carb)	E	FRACTURE INTENSITY	% VEIN QTZ.
120	STGG										
121											
122											
123	ARCB										
124											
125	EOH			F.O.H.							

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PAGE 12 OF	PROJECT:	HOLE NO. RA97-02

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS			
120									
~~121~~									
~~122~~		121.6	124.3	2.7	173897				
~~123~~									
124		124.3	124.9	0.6	173898				
~~125~~									

APPENDIX G

ASSAY CERTIFICATES

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

A9730996

Comments: ATTN: DAVID TERRY

CERTIFICATE A9730996

(GP W) - WESTMIN RESOURCES LTD.

Project: 6410
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 14-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	152	Dry, sieve to -80 mesh
202	152	save reject

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	152	Au ppb: Fuse 30 g sample	FA-AAS	5	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.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN: DAVID TERRY

Certificate Date: 13-JUL-97
Invoice No. : I9730996
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9730996

SAMPLE	PREP CODE		Au ppb FA+AA
R5000E 4600N	201	202	< 5
R5000E 4650N	201	202	< 5
R5000E 4700N	201	202	< 5
R5000E 4750N	201	202	< 5
R5000E 4800N	201	202	< 5
R5000E 4850N	201	202	< 5
R5000E 4900N	201	202	30
R5000E 4950N	201	202	20
R5000E 5000N	201	202	15
R5000E 5100N	201	202	5
R5000E 5150N	201	202	< 5
R5000E 5200N	201	202	20
R5000E 5250N	201	202	15
R5000E 5300N	201	202	20
R5000E 5400N	201	202	15
R5000E 5500N	201	202	10
R5000E 5550N	201	202	5
R5000E 5600N	201	202	< 5
R5000E 5700N	201	202	< 5
R5000E 5750N	201	202	55
R5000E 5800N	201	202	10
R5000E 5850N	201	202	10
R5000E 5900N	201	202	10
R5000E 5950N	201	202	< 5
R5000E 6200N	201	202	< 5
R5000E 6250N	201	202	< 5
R5000E 6300N	201	202	< 5
R5000E 6350N	201	202	< 5
R5000E 6400N	201	202	< 5
R5000E 6450N	201	202	< 5
R5000E 6500N	201	202	< 5
R5100E 4700N	201	202	10
R5100E 4750N	201	202	5
R5100E 4800N	201	202	15
R5100E 4850N	201	202	10
R5100E 4900N	201	202	20
R5100E 4950N	201	202	15
R5100E 5000N	201	202	35
R5100E 5050N	201	202	15
R5100E 5100N	201	202	35

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN: DAVID TERRY

Certificate Date: 13-JUL-97
Invoice No. :I9730996
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9730996

SAMPLE	PREP CODE		Au ppb FA+AA
R5100E 5150N	201	202	10
R5100E 5200N	201	202	< 5
R5100E 5250N	201	202	10
R5100E 5300N	201	202	15
R5100E 5350N	201	202	< 5
R5100E 5450N	201	202	60
R5100E 5500N	201	202	10
R5100E 5550N	201	202	< 5
R5100E 5600N	201	202	< 5
R5100E 5650N	201	202	< 5
R5100E 5700N	201	202	< 5
R5100E 5750N	201	202	< 5
R5100E 5800N	201	202	10
R5100E 5900N	201	202	< 5
R5100E 5950N	201	202	< 5
R5100E 6100N	201	202	< 5
R5100E 6150N	201	202	< 5
R5100E 6200N	201	202	< 5
R5100E 6250N	201	202	< 5
R5100E 6300N	201	202	< 5
R5100E 6350N	201	202	< 5
R5100E 6400N	201	202	< 5
R5100E 6450N	201	202	< 5
R5100E 6500N	201	202	< 5
R5200E 4650N	201	202	< 5
R5200E 4700N	201	202	< 5
R5200E 4750N	201	202	15
R5200E 4800N	201	202	15
R5200E 4850N	201	202	10
R5200E 4900N	201	202	5
R5200E 4950N	201	202	< 5
R5200E 5000N	201	202	< 5
R5200E 5100N	201	202	30
R5200E 5150N	201	202	20
R5200E 5200N	201	202	10
R5200E 5250N	201	202	10
R5200E 5300N	201	202	25
R5200E 5350N	201	202	< 5
R5200E 5400N	201	202	< 5
R5200E 5450N	201	202	< 5

CERTIFICATION:

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN: DAVID TERRY

Certificate Date: 13-JUL-97
Invoice No. : I9730996
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9730996

SAMPLE	PREP CODE		Au ppb FA+AA
R5200E 5500N	201	202	< 5
R5200E 5550N	201	202	< 5
R5200E 5600N	201	202	< 5
R5200E 5650N	201	202	< 5
R5200E 5700N	201	202	< 5
R5200E 5750N	201	202	< 5
R5200E 5800N	201	202	< 5
R5200E 5850N	201	202	< 5
R5200E 5900N	201	202	< 5
R5200E 6150N	201	202	< 5
R5200E 6200N	201	202	< 5
R5200E 6250N	201	202	35
R5200E 6300N	201	202	< 5
R5200E 6350N	201	202	< 5
R5200E 6400N	201	202	< 5
R5200E 6450N	201	202	< 5
R5200E 6500N	201	202	< 5
R5300E 4550N	201	202	< 5
R5300E 4700N	201	202	10
R5300E 4750N	201	202	25
R5300E 4800N	201	202	40
R5300E 4900N	201	202	20
R5300E 4950N	201	202	45
R5300E 5000N	201	202	15
R5300E 5100N	201	202	10
R5300E 5500N	201	202	< 5
R5300E 6050N	201	202	< 5
R5300E 6100N	201	202	< 5
R5300E 6150N	201	202	< 5
R5300E 6200N	201	202	< 5
R5300E 6350N	201	202	< 5
R5300E 6400N	201	202	< 5
R5300E 6450N	201	202	< 5
R5300E 6500N	201	202	< 5
R5400E 4700N	201	202	< 5
R5400E 4750N	201	202	40
R5400E 4800N	201	202	10
R5400E 4850N	201	202	5
R5400E 4900N	201	202	105
R5400E 4950N	201	202	60

CERTIFICATION:

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Analytical Chemists * Geochemists * Registered Assayers
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V7X 1C4

Project : 6410
Comments: ATTN: DAVID TERRY

Certificate Date: 13-JUL-97
Invoice No. : I9730996
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9730996

SAMPLE	PREP CODE	Au ppb FA+AA
R5400E 5000N	201 202	20
R5400E 5050N	201 202	25
R5400E 6050N	201 202	< 5
R5400E 6100N	201 202	< 5
R5400E 6150N	201 202	< 5
R5400E 6200N	201 202	< 5
R5400E 6350N	201 202	< 5
R5400E 6400N	201 202	< 5
R5400E 6450N	201 202	< 5
R5400E 6500N	201 202	< 5
R5500E 4400N	201 202	< 5
R5500E 4450N	201 202	< 5
R5500E 4500N	201 202	< 5
R5500E 4600N	201 202	< 5
R5500E 4650N	201 202	15
R5500E 4950N	201 202	20
R5500E 5000N	201 202	10
R5500E 5050N	201 202	85
R5500E 5100N	201 202	20
R5500E 5150N	201 202	10
R5500E 5200N	201 202	20
R5500E 5250N	201 202	10
R5500E 5700N	201 202	< 5
R5500E 6050N	201 202	< 5
R5500E 6100N	201 202	< 5
R5500E 6150N	201 202	< 5
R5500E 6200N	201 202	< 5
R5500E 6250N	201 202	< 5
R5500E 6300N	201 202	< 5
R5500E 6350N	201 202	< 5
R5500E 6400N	201 202	< 5
R5500E 6500N	201 202	< 5

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

A9731006

Comments: ATTN: DAVID TERRY

CERTIFICATE A9731006

(GP W) - WESTMIN RESOURCES LTD.

Project: 6410
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 14-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	127	Dry, sieve to -80 mesh
202	127	save reject

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	127	Au ppb: Fuse 30 g sample	FA-AAS	5	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.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN: DAVID TERRY

Page Number : 1
Total Pages : 4
Certificate Date: 13-JUL-97
Invoice No. : I9731006
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731006

SAMPLE	PREP CODE		Au ppb FA+AA
R5600E 4400N	201	202	< 5
R5600E 4550N	201	202	25
R5600E 4600N	201	202	15
R5600E 4650N	201	202	30
R5600E 4700N	201	202	15
R5600E 4750N	201	202	10
R5600E 4850N	201	202	10
R5600E 4950N	201	202	10
R5600E 5000N	201	202	< 5
R5600E 5050N	201	202	< 5
R5600E 5100N	201	202	< 5
R5600E 5150N	201	202	< 5
R5600E 5200N	201	202	< 5
R5600E 5300N	201	202	20
R5600E 5350N	201	202	10
R5600E 5400N	201	202	15
R5600E 5450N	201	202	25
R5600E 5500N	201	202	25
R5600E 5550N	201	202	10
R5600E 5650N	201	202	10
R5600E 6050N	201	202	< 5
R5600E 6150N	201	202	< 5
R5600E 6300N	201	202	< 5
R5600E 6350N	201	202	< 5
R5600E 6400N	201	202	< 5
R5600E 6450N	201	202	< 5
R5600E 6500N	201	202	< 5
R5700E 4400N	201	202	< 5
R5700E 4425N	201	202	< 5
R5700E 4450N	201	202	< 5
R5700E 4500N	201	202	< 5
R5700E 4525N	201	202	140
R5700E 4550N	201	202	920
R5700E 4575N	201	202	30
R5700E 4600N	201	202	40
R5700E 4625N	201	202	20
R5700E 4650N	201	202	15
R5700E 4725N	201	202	< 5
R5700E 4750N	201	202	45
R5700E4750EXTRA	201	202	< 5

CERTIFICATION:

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN: DAVID TERRY

Page Number :2
Total Pages :4
Certificate Date: 13-JUL-97
Invoice No. :I9731006
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9731006

SAMPLE	PREP CODE		Au ppb FA+AA
R5700E 4775N	--	--	NotRcd
R5700E 4800N	201	202	10
R5700E 4825N	201	202	10
R5700E 4925N	201	202	10
R5700E 4950N	201	202	< 5
R5700E 4975N	201	202	< 5
R5700E 5000N	201	202	< 5
R5700E 5025N	201	202	< 5
R5700E 5050N	201	202	< 5
R5700E 5100N	201	202	< 5
R5700E 5125N	201	202	5
R5700E 5150N	201	202	10
R5700E 5200N	201	202	< 5
R5700E 5225N	201	202	15
R5700E 5250N	201	202	5
R5700E 5275N	201	202	5
R5700E 5300N	201	202	< 5
R5700E 5325N	201	202	< 5
R5700E 5350N	201	202	< 5
R5700E 5375N	201	202	15
R5700E 5400N	201	202	15
R5700E 5450N	201	202	< 5
R5700E 5475N	201	202	50
R5700E 5500N	201	202	15
R5700E 5525N	201	202	< 5
R5700E 5575N	201	202	< 5
R5700E 5600N	201	202	< 5
R5700E 5650N	201	202	< 5
R5700E 5725N	201	202	< 5
R5700E 5750N	201	202	< 5
R5700E 5775N	201	202	< 5
R5700E 5800N	201	202	< 5
R5700E 6200N	201	202	< 5
R5700E 6250N	201	202	< 5
R5700E 6300N	201	202	< 5
R5700E 6350N	201	202	< 5
R5700E 6400N	201	202	< 5
R5700E 6450N	201	202	< 5
R5700E 6500N	201	202	< 5
R5800E 4400N	201	202	< 5

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221 FAX: 604-984-0218

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN: DAVID TERRY

Certificate Date: 13-JUL-97
Invoice No. : I9731006
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731006

SAMPLE	PREP CODE		Au ppb FA+AA
R5800E 4425N	201	202	20
R5800E 4450N	201	202	25
R5800E 4475N	201	202	85
R5800E 4500N	201	202	10
R5800E 4525N	201	202	< 5
R5800E 4575N	201	202	15
R5800E 4625N	201	202	< 5
R5800E 4650N	201	202	< 5
R5800E 4675N	201	202	< 5
R5800E 4700N	201	202	10
R5800E 4725N	201	202	< 5
R5800E 4750N	201	202	15
R5800E 4775N	201	202	< 5
R5800E 4800N	201	202	< 5
R5800E 4850N	201	202	10
R5800E 4900N	201	202	< 5
R5800E 4925N	201	202	25
R5800E 4950N	201	202	10
R5800E 4975N	201	202	< 5
R5800E 5000N	201	202	< 5
R5800E 5025N	201	202	< 5
R5800E 5050N	201	202	< 5
R5800E 5075N	201	202	< 5
R5800E 5100N	201	202	< 5
R5800E 5250N	201	202	< 5
R5800E 5275N	201	202	5
R5800E 5325N	201	202	< 5
R5800E 5350N	201	202	< 5
R5800E 5375N	201	202	< 5
R5800E 5400N	201	202	< 5
R5800E 5425N	201	202	20
R5800E 5500N	201	202	< 5
R5800E 5575N	201	202	< 5
R5800E 5625N	201	202	< 5
R5800E 5675N	201	202	< 5
R5800E 5700N	201	202	< 5
R5800E 5975N	201	202	< 5
R5800E 6000N	201	202	< 5
R5800E 6050N	201	202	< 5
R5800E 6100N	201	202	< 5

CERTIFICATION: Thanh Vinh

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

Project : 6410
Comments: ATTN: DAVID TERRY

Certificate Date: 13-JUL-97
Invoice No. : I9731006
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731006

SAMPLE	PREP CODE		Au ppb FA+AA
R5800E 6150N	201	202	< 5
R5800E 6200N	201	202	10
R5800E 6250N	201	202	< 5
R5800E 6300N	201	202	< 5
R5800E 6350N	201	202	< 5
R5800E 6400N	201	202	< 5
R5800E 6450N	201	202	< 5
R5800E 6500N	201	202	< 5

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

A9731031

Comments: ATTN: DAVID TERRY

CERTIFICATE A9731031

(GP W) - WESTMIN RESOURCES LTD.

Project: 6410 (SHIPPMENT 1R)
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 14-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	129	Dry, sieve to -80 mesh
202	129	save reject

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	129	Au ppb: Fuse 30 g sample	FA-AAS	5	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221 FAX: 604-984-0218

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Page Number : 1
Total Pages : 4
Certificate Date: 12-JUL-97
Invoice No. : I9731031
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731031

SAMPLE	PREP CODE		Au ppb FA+AA
R5900E 4400N	201	202	< 5
R5900E 4425N	201	202	< 5
R5900E 4450N	201	202	25
R5900E 4475N	201	202	70
R5900E 4500N	201	202	110
R5900E 4525N	201	202	35
R5900E 5000N	201	202	< 5
R5900E 5025N	201	202	< 5
R5900E 5050N	201	202	15
R5900E 5075N	201	202	15
R5900E 5125N	201	202	< 5
R5900E 5150N	201	202	< 5
R5900E 5175N	201	202	< 5
R5900E 5200N	201	202	< 5
R5900E 5225N	201	202	10
R5900E 5250N	201	202	25
R5900E 5325N	201	202	10
R5900E 5350N	201	202	< 5
R5900E 5375N	201	202	10
R5900E 5400N	201	202	25
R5900E 5425N	201	202	< 5
R5900E 5450N	201	202	< 5
R5900E 5500N	201	202	< 5
R5900E 5525N	201	202	< 5
R5900E 5650N	201	202	< 5
R5900E 5750N	201	202	< 5
R5900E 5775N	201	202	< 5
R5900E 5800N	201	202	< 5
R5900E 5825N	201	202	< 5
R5900E 6000N	201	202	< 5
R5900E 6050N	201	202	< 5
R5900E 6100N	201	202	< 5
R5900E 6200N	201	202	< 5
R5900E 6250N	201	202	< 5
R5900E 6300N	201	202	< 5
R5900E 6350N	201	202	< 5
R5900E 6400N	201	202	< 5
R5900E 6450N	201	202	< 5
R5900E 6500N	201	202	< 5
R6000E 4275N	201	202	< 5

CERTIFICATION: Mark Vonk

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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V7X 1C4

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 12-JUL-97
Invoice No. :I9731031
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9731031

SAMPLE	PREP CODE		Au ppb FA+AA
R6000E 4300N	201	202	< 5
R6000E 4325N	201	202	45
R6000E 4350N	201	202	15
R6000E 4375N	201	202	10
R6000E 4400N	201	202	10
R6000E 4450N	201	202	200
R6000E 4475N	201	202	60
R6000E 4500N	201	202	10
R6000E 4550N	201	202	40
R6000E 4575N	201	202	10
R6000E 4875N	201	202	< 5
R6000E 4975N	201	202	< 5
R6000E 5050N	201	202	< 5
R6000E 5075N	201	202	10
R6000E 5100N	201	202	< 5
R6000E 5225N	201	202	40
R6000E 5250N	201	202	< 5
R6000E 5375N	201	202	20
R6000E 5400N	201	202	< 5
R6000E 5425N	201	202	< 5
R6000E 5450N	201	202	10
R6000E 5525N	201	202	< 5
R6000E 5550N	201	202	< 5
R6000E 5600N	201	202	< 5
R6000E 5625N	201	202	< 5
R6000E 5650N	201	202	< 5
R6000E 5675N	201	202	< 5
R6000E 5725N	201	202	< 5
R6000E 5750N	201	202	< 5
R6000E 5775N	201	202	< 5
R6000E 5800N	201	202	< 5
R6000E 5825N	201	202	< 5
R6000E 5975N	201	202	< 5
R6000E 6000N	201	202	< 5
R6000E 6100N	201	202	< 5
R6000E 6150N	201	202	< 5
R6000E 6300N	201	202	< 5
R6000E 6350N	201	202	< 5
R6000E 6400N	201	202	< 5
R6000E 6450N	201	202	< 5

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 12-JUL-97
Invoice No. :19731031
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9731031

SAMPLE	PREP CODE	Au ppb FA+AA
R6000E 6500N	201 202	< 5
R6100E 4275N	201 202	< 5
R6100E 4300N	201 202	< 5
R6100E 4325N	201 202	10
R6100E 4350N	201 202	< 5
R6100E 4375N	201 202	< 5
R6100E 4400N	201 202	15
R6100E 4450N	201 202	560
R6100E 4500N	201 202	15
R6100E 4525N	201 202	10
R6100E 4550N	201 202	10
R6100E 4725N	201 202	5
R6100E 4750N	201 202	15
R6100E 4950N	201 202	< 5
R6100E 4975N	201 202	25
R6100E 5000N	201 202	5
R6100E 5100N	201 202	10
R6100E 5125N	201 202	5
R6100E 5150N	201 202	10
R6100E 5175N	201 202	20
R6100E 5200N	201 202	15
R6100E 5225N	201 202	30
R6100E 5250N	201 202	10
R6100E 5275N	201 202	< 5
R6100E 5300N	201 202	< 5
R6100E 5325N	201 202	< 5
R6100E 5350N	201 202	< 5
R6100E 5375N	201 202	10
R6100E 5550N	201 202	< 5
R6100E 5575N	201 202	< 5
R6100E 5600N	201 202	< 5
R6100E 5625N	201 202	< 5
R6100E 5650N	201 202	< 5
R6100E 5725N	201 202	< 5
R6100E 5750N	201 202	< 5
R6100E 5775N	201 202	< 5
R6100E 5800N	201 202	< 5
R6100E 5825N	201 202	< 5
R6100E 5850N	201 202	< 5
R6100E 6050N	201 202	< 5

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 12-JUL-97
Invoice No. : I9731031
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731031

SAMPLE	PREP CODE		Au ppb FA+AA
R6100E 6100N	201	202	< 5
R6100E 6150N	201	202	< 5
R6100E 6200N	201	202	< 5
R6100E 6250N	201	202	< 5
R6100E 6300N	201	202	< 5
R6100E 6350N	201	202	< 5
R6100E 6400N	201	202	< 5
R6100E 6450N	201	202	< 5
R6100E 6500N	201	202	< 5

CERTIFICATION:

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To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

A9731035

Comments: ATTN: DAVID TERRY

CERTIFICATE A9731035

(GP W) - WESTMIN RESOURCES LTD.

Project: 6410 (SHIPPMENT 1R)
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 14-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	233	Dry, sieve to -80 mesh
202	233	save reject

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	233	Au ppb: Fuse 30 g sample	FA-AAS	5	10000

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To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Page Number :1
Total Pages :6
Certificate Date: 13-JUL-97
Invoice No. :I9731035
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9731035

SAMPLE	PREP CODE		Au ppb FA+AA
R6200E 4275N	201	202	< 5
R6200E 4300N	201	202	< 5
R6200E 4325N	201	202	595
R6200E 4350N	201	202	2040
R6200E 4375N	201	202	1520
R6200E 4425N	201	202	15
R6200E 4450N	201	202	55
R6200E 4475N	201	202	30
R6200E 4500N	201	202	< 5
R6200E 4525N	201	202	10
R6200E 4550N	201	202	30
R6200E 4650N	201	202	< 5
R6200E 4675N	201	202	< 5
R6200E 4700N	201	202	< 5
R6200E 4775N	201	202	20
R6200E 4825N	201	202	< 5
R6200E 4850N	201	202	30
R6200E 4875N	201	202	< 5
R6200E 5000N	201	202	< 5
R6200E 5025N	201	202	< 5
R6200E 5050N	201	202	< 5
R6200E 5075N	201	202	< 5
R6200E 5225N	201	202	< 5
R6200E 5250N	--	--	NotRcd
R6200E 5275N	201	202	< 5
R6200E 5350N	201	202	< 5
R6200E 5450N	201	202	< 5
R6200E 5475N	201	202	< 5
R6200E 5500N	201	202	< 5
R6200E 5525N	201	202	< 5
R6200E 5550N	201	202	< 5
R6200E 5600N	201	202	< 5
R6200E 5625N	201	202	< 5
R6200E 5650N	201	202	< 5
R6200E 5700N	201	202	< 5
R6200E 5725N	201	202	< 5
R6200E 5750N	201	202	< 5
R6200E 5775N	201	202	< 5
R6200E 5800N	201	202	< 5
R6200E 5825N	201	202	< 5

CERTIFICATION:

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VANCOUVER, BC
V7X 1C4

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 13-JUL-97
Invoice No. :19731035
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9731035

SAMPLE	PREP CODE		Au ppb FA+AA
R6200E 5850N	201	202	< 5
R6200E 5875N	201	202	< 5
R6200E 6050N	201	202	< 5
R6200E 6100N	201	202	< 5
R6200E 6150N	201	202	< 5
R6200E 6200N	201	202	< 5
R6200E 6250N	201	202	< 5
R6200E 6300N	201	202	< 5
R6200E 6350N	201	202	< 5
R6200E 6400N	201	202	< 5
R6200E 6450N	201	202	< 5
R6200E 6500N	201	202	< 5
R6300E 4300N	201	202	< 5
R6300E 4350N	201	202	10
R6300E 4400N	201	202	90
R6300E 4500N	201	202	< 5
R6300E 4550N	201	202	10
R6300E 4600N	201	202	10
R6300E 4650N	201	202	15
R6300E 4700N	201	202	5
R6300E 5550N	201	202	< 5
R6300E 5600N	201	202	< 5
R6300E 5650N	201	202	< 5
R6300E 5700N	201	202	< 5
R6300E 5750N	201	202	< 5
R6300E 5800N	201	202	< 5
R6300E 5850N	201	202	< 5
R6300E 5900N	201	202	< 5
R6300E 5950N	201	202	< 5
R6300E 6050N	--	--	NotRcd
R6300E 6100N	201	202	< 5
R6300E 6150N	201	202	< 5
R6300E 6200N	201	202	< 5
R6300E 6250N	201	202	< 5
R6300E 6300N	201	202	< 5
R6300E 6400N	201	202	< 5
R6300E 6450N	201	202	< 5
R6300E 6500N	201	202	< 5
R6400E 4300N	201	202	60
R6400E 4350N	201	202	35

CERTIFICATION:

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Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Page Number :3
Total Pages :6
Certificate Date: 13-JUL-97
Invoice No. :I9731035
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9731035

SAMPLE	PREP CODE		Au ppb FA+AA
R6400E 4400N	201	202	20
R6400E 4450N	201	202	< 5
R6400E 4500N	201	202	< 5
R6400E 4600N	201	202	< 5
R6400E 4650N	201	202	< 5
R6400E 4850N	201	202	< 5
R6400E 4900N	201	202	< 5
R6400E 5350N	201	202	< 5
R6400E 5600N	201	202	< 5
R6400E 5650N	201	202	5
R6400E 5700N	201	202	< 5
R6400E 5750N	201	202	< 5
R6400E 5850N	201	202	< 5
R6400E 5900N	201	202	< 5
R6400E 5950N	201	202	< 5
R6400E 6150N	201	202	< 5
R6400E 6200N	201	202	< 5
R6400E 6250N	201	202	< 5
R6400E 6300N	201	202	< 5
R6400E 6450N	201	202	< 5
R6400E 6500N	201	202	< 5
R6500E 4300N	201	202	< 5
R6500E 4350N	201	202	< 5
R6500E 4400N	201	202	< 5
R6500E 4450N	201	202	< 5
R6500E 4500N	201	202	< 5
R6500E 4550N	201	202	< 5
R6500E 4600N	201	202	< 5
R6500E 4650N	201	202	< 5
R6500E 4750N	201	202	< 5
R6500E 4850N	201	202	< 5
R6500E 5000N	201	202	< 5
R6500E 5100N	201	202	< 5
R6500E 5400N	201	202	< 5
R6500E 5500N	201	202	< 5
R6500E 5550N	201	202	< 5
R6500E 5650N	201	202	10
R6500E 5700N	201	202	< 5
R6500E 5750N	201	202	< 5
R6500E 5800N	201	202	< 5

CERTIFICATION: Thanh Vinh

Chemex Labs Ltd.

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Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 13-JUL-97
Invoice No. : I9731035
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731035

SAMPLE	PREP CODE	Au ppb FA+AA
R6500E 5850N	201 202	< 5
R6500E 5900N	201 202	< 5
R6500E 5950N	201 202	< 5
R6500E 6000N	201 202	< 5
R6500E 6050N	201 202	< 5
R6500E 6150N	201 202	< 5
R6500E 6200N	201 202	< 5
R6500E 6250N	201 202	< 5
R6500E 6350N	201 202	< 5
R6500E 6450N	201 202	< 5
R6500E 6500N	201 202	< 5
R6600E 4300N	201 202	< 5
R6600E 4350N	201 202	< 5
R6600E 4400N	201 202	< 5
R6600E 4450N	201 202	< 5
R6600E 4500N	201 202	< 5
R6600E 4550N	201 202	< 5
R6600E 4600N	201 202	< 5
R6600E 4700N	201 202	< 5
R6600E 4800N	201 202	< 5
R6600E 4850N	201 202	10
R6600E 4900N	201 202	10
R6600E 4950N	201 202	10
R6600E 5000N	201 202	< 5
R6600E 5050N	201 202	< 5
R6600E 5100N	201 202	< 5
R6600E 5150N	201 202	< 5
R6600E 5300N	201 202	< 5
R6600E 5450N	201 202	10
R6600E 5500N	201 202	< 5
R6600E 5550N	201 202	< 5
R6600E 5600N	201 202	< 5
R6600E 5650N	201 202	< 5
R6600E 5750N	201 202	< 5
R6600E 5800N	201 202	< 5
R6600E 5850N	201 202	< 5
R6600E 5900N	201 202	< 5
R6600E 5950N	201 202	< 5
R6600E 6000N	201 202	< 5
R6600E 6300N	201 202	< 5

CERTIFICATION:

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Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Page Number :5
Total Pages :6
Certificate Date: 13-JUL-97
Invoice No. :I9731035
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9731035

SAMPLE	PREP CODE		Au ppb FA+AA
R6600E 6350N	201	202	< 5
R6600E 6400N	201	202	< 5
R6600E 6450N	201	202	< 5
R6600E 6500N	201	202	< 5
R6700E 4400N	201	202	< 5
R6700E 4450N	201	202	< 5
R6700E 4500N	201	202	< 5
R6700E 4550N	201	202	< 5
R6700E 4600N	201	202	< 5
R6700E 4650N	201	202	< 5
R6700E 4700N	201	202	< 5
R6700E 4750N	201	202	< 5
R6700E 4800N	201	202	20
R6700E 4850N	201	202	10
R6700E 4900N	201	202	< 5
R6700E 4950N	201	202	15
R6700E 5000N	201	202	5
R6700E 5050N	201	202	< 5
R6700E 5100N	201	202	< 5
R6700E 5150N	201	202	< 5
R6700E 5200N	201	202	< 5
R6700E 5250N	201	202	< 5
R6700E 5400N	201	202	< 5
R6700E 5450N	201	202	< 5
R6700E 5500N	201	202	< 5
R6700E 5550N	201	202	< 5
R6700E 5600N	201	202	< 5
R6700E 5650N	201	202	< 5
R6700E 5800N	201	202	< 5
R6700E 5850N	201	202	< 5
R6700E 5900N	201	202	< 5
R6700E 5950N	201	202	< 5
R6700E 6000N	201	202	< 5
R6700E 6200N	201	202	< 5
R6700E 6250N	201	202	< 5
R6700E 6300N	201	202	< 5
R6700E 6350N	201	202	< 5
R6700E 6400N	201	202	< 5
R6700E 6450N	201	202	< 5
R6700E 6500N	201	202	< 5

CERTIFICATION: Frank Vinh

Chemex Labs Ltd.

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To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 13-JUL-97
Invoice No. :19731035
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9731035

SAMPLE	PREP CODE		Au ppb FA+AA
R6800E 4450N	201	202	30
R6800E 4500N	201	202	15
R6800E 4550N	201	202	10
R6800E 4600N	201	202	< 5
R6800E 4650N	201	202	< 5
R6800E 4700N	201	202	< 5
R6800E 4750N	201	202	< 5
R6800E 4800N	201	202	< 5
R6800E 4850N	201	202	50
R6800E 4900N	201	202	25
R6800E 5000N	201	202	< 5
R6800E 5100N	201	202	< 5
R6800E 5150N	201	202	< 5
R6800E 5200N	201	202	< 5
R6800E 5250N	201	202	< 5
R6800E 5350N	201	202	< 5
R6800E 5400N	201	202	< 5
R6800E 5450N	201	202	< 5
R6800E 5500N	201	202	< 5
R6800E 5550N	201	202	< 5
R6800E 5600N	201	202	< 5
R6800E 5650N	201	202	< 5
R6800E 5700N	201	202	< 5
R6800E 5850N	201	202	< 5
R6800E 5900N	201	202	< 5
R6800E 5950N	201	202	< 5
R6800E 6000N	201	202	< 5
R6800E 6050N	201	202	< 5
R6800E 6100N	201	202	< 5
R6800E 6150N	201	202	< 5
R6800E 6250N	201	202	< 5
R6800E 6350N	201	202	< 5
R6800E 6400N	201	202	< 5
R6800E 6450N	201	202	< 5
R6800E 6500N	201	202	< 5

CERTIFICATION: Mark Vmh

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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o: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

A9731046

Comments: ATTN: DAVID TERRY

CERTIFICATE A9731046

(GP W) - WESTMIN RESOURCES LTD.

Project: 6410 (SHIPPMENT 1R)
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 20-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	224	Dry, sieve to -80 mesh
202	224	save reject

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	224	Au ppb: Fuse 30 g sample	FA-AAS	5	10000

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Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 20-JUL-97
Invoice No. : I9731046
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731046

SAMPLE	PREP CODE		Au ppb FA+AA
R6900E 4300N	201	202	10
R6900E 4400N	201	202	20
R6900E 4450N	201	202	10
R6900E 4550N	201	202	< 5
R6900E 4600N	201	202	< 5
R6900E 4650N	201	202	< 5
R6900E 4700N	201	202	< 5
R6900E 4750N	201	202	< 5
R6900E 4800N	201	202	10
R6900E 4900N	201	202	< 5
R6900E 4950N	201	202	< 5
R6900E 5000N	201	202	5
R6900E 5050N	201	202	10
R6900E 5100N	201	202	5
R6900E 5150N	201	202	< 5
R6900E 5200N	201	202	10
R6900E 5250N	201	202	< 5
R6900E 5300N	201	202	< 5
R6900E 5350N	201	202	< 5
R6900E 5400N	201	202	< 5
R6900E 5450N	201	202	5
R6900E 5500N	201	202	< 5
R6900E 5550N	201	202	< 5
R6900E 5600N	201	202	< 5
R6900E 5650N	201	202	< 5
R6900E 5700N	201	202	< 5
R6900E 5750N	201	202	< 5
R6900E 5800N	201	202	< 5
R6900E 5900N	201	202	< 5
R6900E 5950N	201	202	< 5
R6900E 6000N	201	202	< 5
R6900E 6050N	201	202	< 5
R6900E 6100N	201	202	< 5
R6900E 6200N	201	202	< 5
R6900E 6250N	201	202	< 5
R6900E 6300N	201	202	< 5
R6900E 6400N	201	202	< 5
R6900E 6450N	201	202	< 5
R6900E 6500N	201	202	< 5
R7000E 4350N	201	202	20

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9731046

SAMPLE	PREP CODE		Au ppb FA+AA									
R7000E 4450N	201	202	25									
R7000E 4500N	201	202	30									
R7000E 4550N	201	202	10									
R7000E 4700N	201	202	< 5									
R7000E 4750N	201	202	10									
R7000E 4800N	201	202	10									
R7000E 4850N	201	202	< 5									
R7000E 4900N	201	202	< 5									
R7000E 4950N	201	202	15									
R7000E 5000N	201	202	10									
R7000E 5050N	201	202	< 5									
R7000E 5100N	201	202	5									
R7000E 5150N	201	202	< 5									
R7000E 5200N	201	202	< 5									
R7000E 5250N	201	202	< 5									
R7000E 5400N	201	202	< 5									
R7000E 5450N	201	202	5									
R7000E 5500N	201	202	10									
R7000E 5550N	201	202	10									
R7000E 5600N	201	202	< 5									
R7000E 5650N	201	202	5									
R7000E 5700N	201	202	10									
R7000E 5750N	201	202	< 5									
R7000E 5950N	201	202	10									
R7000E 6000N	201	202	< 5									
R7000E 6050N	201	202	5									
R7000E 6100N	201	202	10									
R7000E 6200N	201	202	10									
R7000E 6250N	201	202	< 5									
R7000E 6300N	201	202	5									
R7000E 6350N	201	202	< 5									
R7000E 6400N	201	202	< 5									
R7000E 6450N	201	202	5									
R7000E 6500N	201	202	5									
R7100E 4300N	201	202	20									
R7100E 4350N	201	202	30									
R7100E 4400N	201	202	70									
R7100E 4450N	201	202	30									
R7100E 4500N	201	202	20									
R7100E 4550N	201	202	20									

CERTIFICATION:

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To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
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V7X 1C4

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 20-JUL-97
Invoice No. : I9731046
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731046

SAMPLE	PREP CODE		Au ppb FA+AA
R7100E 4600N	201	202	< 5
R7100E 4650N	201	202	< 10
R7100E 4700N	201	202	10
R7100E 4750N	201	202	10
R7100E 4800N	201	202	65
R7100E 4850N	201	202	35
R7100E 4900N	201	202	< 5
R7100E 4950N	201	202	< 5
R7100E 5000N	201	202	< 5
R7100E 5050N	201	202	< 5
R7100E 5100N	201	202	< 5
R7100E 5150N	201	202	5
R7100E 5200N	201	202	< 5
R7100E 5350N	201	202	10
R7100E 5400N	201	202	< 5
R7100E 5450N	201	202	< 5
R7100E 5550N	201	202	< 5
R7100E 5600N	201	202	< 5
R7100E 5650N	201	202	< 5
R7100E 5700N	201	202	< 5
R7100E 5750N	201	202	10
R7100E 5800N	201	202	5
R7100E 5850N	201	202	< 5
R7100E 5900N	201	202	< 5
R7100E 5950N	201	202	5
R7100E 6000N	201	202	< 5
R7100E 6050N	201	202	< 5
R7100E 6100N	201	202	10
R7100E 6150N	201	202	< 5
R7100E 6200N	201	202	< 5
R7100E 6250N	201	202	< 5
R7100E 6300N	201	202	5
R7100E 6350N	201	202	< 5
R7100E 6400N	201	202	10
R7100E 6450N	201	202	< 5
R7100E 6500N	201	202	< 5
R7200E 4300N	201	202	10
R7200E 4350N	201	202	25
R7200E 4400N	201	202	10
R7200E 4450N	201	202	< 25

CERTIFICATION: Thanh Vinh

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

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 20-JUL-97
Invoice No. : I9731046
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731046

SAMPLE	PREP CODE		Au ppb FA+AA
R7200E 4500N	201	202	10
R7200E 4550N	201	202	< 5
R7200E 4600N	201	202	< 5
R7200E 4650N	201	202	< 5
R7200E 4700N	201	202	< 5
R7200E 4750N	201	202	10
R7200E 4800N	201	202	< 5
R7200E 4850N	201	202	10
R7200E 4950N	201	202	< 5
R7200E 5000N	201	202	10
R7200E 5050N	201	202	15
R7200E 5100N	201	202	< 5
R7200E 5150N	201	202	< 5
R7200E 5200N	201	202	5
R7200E 5250N	201	202	15
R7200E 5350N	201	202	10
R7200E 5400N	201	202	5
R7200E 5450N	201	202	10
R7200E 5500N	201	202	10
R7200E 5550N	201	202	5
R7200E 5600N	201	202	< 5
R7200E 5650N	201	202	< 5
R7200E 5700N	201	202	< 5
R7200E 5750N	201	202	< 5
R7200E 5800N	201	202	5
R7200E 5850N	201	202	< 5
R7200E 5900N	201	202	< 5
R7200E 5950N	201	202	< 5
R7200E 6000N	201	202	< 5
R7200E 6100N	201	202	< 5
R7200E 6150N	201	202	< 5
R7200E 6200N	201	202	10
R7200E 6250N	201	202	< 5
R7200E 6300N	201	202	5
R7200E 6350N	201	202	5
R7200E 6400N	201	202	< 5
R7300E 4300N	201	202	< 5
R7300E 4400N	201	202	< 5
R7300E 4450N	201	202	10
R7300E 4550N	201	202	10

CERTIFICATION: Thanh Vinh

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To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 20-JUL-97
Invoice No. : I9731046
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731046

SAMPLE	PREP CODE		Au ppb FA+AA
R7300E 4600N	201	202	< 5
R7300E 4650N	201	202	< 5
R7300E 4700N	201	202	< 5
R7300E 5000N	201	202	< 5
R7300E 5200N	201	202	< 5
R7300E 5300N	201	202	5
R7300E 5350N	201	202	10
R7300E 5400N	201	202	5
R7300E 5550N	201	202	< 5
R7300E 5600N	201	202	< 5
R7300E 5650N	201	202	< 5
R7300E 5700N	201	202	5
R7300E 5750N	201	202	< 5
R7300E 5800N	201	202	< 5
R7300E 5850N	201	202	< 5
R7300E 5900N	201	202	< 5
R7300E 5950N	201	202	< 5
R7300E 6000N	201	202	< 5
R7300E 6050N	201	202	< 5
R7300E 6150N	201	202	< 5
R7300E 6200N	201	202	5
R7300E 6250N	201	202	< 5
R7300E 6300N	201	202	< 5
R7300E 6350N	201	202	< 5
R7300E 6400N	201	202	< 5
R7300E 6450N	201	202	< 5
R7300E 6500N	201	202	< 5
R7400E 4300N	201	202	< 5
R7400E 4350N	201	202	< 5
R7400E 4400N	201	202	< 5
R7400E 4450N	201	202	< 5
R7400E 4600N	201	202	5
R7400E 4650N	201	202	< 5
R7400E 4750N	201	202	25
R7400E 4900N	201	202	5
R7400E 4950N	201	202	< 5
R7400E 5000N	201	202	< 5
R7400E 5050N	201	202	< 5
R7400E 5300N	201	202	< 5
R7400E 5350N	201	202	< 5

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

o: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 20-JUL-97
Invoice No. : 19731046
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731046

SAMPLE	PREP CODE		Au ppb FA+AA
R7400E 5400N	201	202	< 5
R7400E 5450N	201	202	< 5
R7400E 5500N	201	202	< 5
R7400E 5550N	201	202	< 5
R7400E 5600N	201	202	< 5
R7400E 5650N	201	202	< 5
R7400E 5700N	201	202	< 5
R7400E 5750N	201	202	< 5
R7400E 5800N	201	202	< 5
R7400E 5850N	201	202	< 5
R7400E 5900N	201	202	< 5
R7400E 5950N	201	202	< 5
R7400E 6000N	201	202	< 5
R7400E 6050N	201	202	< 5
R7400E 6100N	201	202	< 5
R7400E 6150N	201	202	< 5
R7400E 6200N	201	202	< 5
R7400E 6250N	201	202	< 5
R7400E 6300N	201	202	10
R7400E 6350N	201	202	5
R7400E 6400N	201	202	< 5
R7400E 6450N	201	202	< 5
R7400E 6500N	201	202	< 5
97YT5-001	201	202	2460

CERTIFICATION: Mark Vonk

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

A9731964

Comments: ATTN: DAVID TERRY

CERTIFICATE A9731964

(GP W) - WESTMIN RESOURCES LTD.

Project: 6410 (SHIPPMENT 1R)
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 22-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	224	Pulp; prev. prepared at Chemex
285	224	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
578	224	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	224	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	224	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	224	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	224	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	224	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	224	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	224	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	224	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	224	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	224	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	224	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	224	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	224	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	224	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	224	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	224	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	224	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	224	Pb ppm: 24 element, rock & core	AAS	2	10000
582	224	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	224	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	224	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	224	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	224	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 22-JUL-97
Invoice No. :19731964
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9731964

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)
R6900E 4300N	244	285	0.4	5.31	1350	1.0	< 2	1.80	0.5	6	52	39	1.63	1.58	0.61	370
R6900E 4400N	244	285	0.6	5.10	1970	1.5	< 2	1.18	0.5	10	136	30	2.12	1.74	1.07	580
R6900E 4450N	244	285	< 0.2	4.51	2230	1.0	< 2	0.78	< 0.5	7	119	26	2.12	1.47	1.00	320
R6900E 4550N	244	285	< 0.2	5.07	1380	1.5	< 2	0.82	< 0.5	12	96	34	2.51	1.61	1.14	430
R6900E 4600N	244	285	< 0.2	4.93	1450	1.5	2	1.01	< 0.5	8	75	35	2.16	1.55	0.94	425
R6900E 4650N	244	285	0.6	6.10	1140	1.0	< 2	0.91	< 0.5	8	45	88	3.36	2.18	0.67	320
R6900E 4700N	244	285	< 0.2	4.96	950	0.5	< 2	0.49	< 0.5	2	81	24	1.57	1.43	0.52	150
R6900E 4750N	244	285	0.2	5.47	730	0.5	< 2	1.35	< 0.5	5	70	41	2.67	1.27	0.75	255
R6900E 4800N	244	285	0.6	5.70	1460	1.5	< 2	0.67	< 0.5	6	110	52	2.77	2.04	1.10	225
R6900E 4900N	244	285	< 0.2	5.42	1500	1.5	< 2	0.59	< 0.5	20	146	35	2.74	1.42	1.32	730
R6900E 4950N	244	285	0.2	7.34	2460	2.0	< 2	0.38	< 0.5	16	119	69	3.88	3.26	1.24	390
R6900E 5000N	244	285	0.2	5.83	1860	1.5	< 2	0.65	0.5	11	109	38	2.64	2.22	1.03	465
R6900E 5050N	244	285	< 0.2	4.95	1390	1.0	< 2	0.89	< 0.5	12	155	36	2.44	1.53	1.41	365
R6900E 5100N	244	285	0.2	5.89	2150	1.5	2	0.93	< 0.5	19	217	102	3.60	1.76	1.99	670
R6900E 5150N	244	285	< 0.2	5.63	1480	1.5	< 2	0.86	< 0.5	19	171	44	3.14	1.62	1.64	490
R6900E 5200N	244	285	< 0.2	5.99	1660	1.5	2	0.92	< 0.5	29	307	58	3.71	1.70	2.99	775
R6900E 5250N	244	285	0.2	5.42	1530	1.0	< 2	1.09	1.5	19	206	54	3.20	1.50	1.92	520
R6900E 5300N	244	285	< 0.2	4.84	1150	0.5	< 2	1.70	1.0	18	79	30	2.16	1.29	0.91	2610
R6900E 5350N	244	285	< 0.2	7.03	750	0.5	< 2	1.47	< 0.5	12	56	18	2.99	1.35	1.03	430
R6900E 5400N	244	285	< 0.2	6.22	670	0.5	< 2	0.96	< 0.5	8	130	15	5.12	0.69	1.31	430
R6900E 5450N	244	285	< 0.2	5.50	940	1.0	< 2	0.78	< 0.5	9	128	20	2.40	1.40	1.36	340
R6900E 5500N	244	285	< 0.2	5.95	1120	0.5	< 2	0.77	< 0.5	20	254	20	3.86	1.43	2.22	585
R6900E 5550N	244	285	< 0.2	5.42	1400	1.5	< 2	0.87	< 0.5	15	128	32	2.74	1.60	1.55	655
R6900E 5600N	244	285	< 0.2	5.40	1420	1.5	< 2	0.94	0.5	18	209	37	2.73	1.62	1.39	430
R6900E 5650N	244	285	< 0.2	4.60	1100	1.0	< 2	1.16	< 0.5	13	129	28	2.12	1.25	1.37	905
R6900E 5700N	244	285	< 0.2	5.42	1210	1.0	< 2	0.93	< 0.5	13	149	26	2.77	1.46	1.78	350
R6900E 5750N	244	285	< 0.2	4.77	1090	1.0	< 2	1.48	0.5	11	78	21	2.07	1.32	1.03	1460
R6900E 5800N	244	285	0.4	4.70	1440	1.0	< 2	1.33	2.0	6	93	47	2.23	1.28	0.82	550
R6900E 5900N	244	285	< 0.2	4.88	1390	0.5	< 2	2.44	1.5	18	33	29	3.35	1.29	0.75	>10000
R6900E 5950N	244	285	< 0.2	5.77	1540	1.5	< 2	0.84	< 0.5	11	124	39	2.68	1.77	1.35	490
R6900E 6000N	244	285	< 0.2	5.33	1320	1.0	2	0.69	< 0.5	6	120	17	2.01	1.66	1.18	290
R6900E 6050N	244	285	< 0.2	5.90	1570	1.5	2	0.83	< 0.5	10	129	31	2.67	1.73	1.25	415
R6900E 6100N	244	285	< 0.2	5.98	1440	1.5	< 2	0.98	< 0.5	13	128	41	3.04	1.80	1.41	505
R6900E 6200N	244	285	< 0.2	3.85	670	0.5	< 2	3.33	< 0.5	2	16	37	1.17	0.99	0.61	685
R6900E 6250N	244	285	0.2	5.76	1150	1.0	< 2	0.99	< 0.5	10	102	21	2.41	1.68	1.15	370
R6900E 6300N	244	285	< 0.2	2.33	500	< 0.5	2	3.78	< 0.5	3	16	25	0.71	0.57	0.40	315
R6900E 6400N	244	285	0.2	5.91	1300	1.5	< 2	1.45	< 0.5	11	110	21	2.65	1.73	1.28	295
R6900E 6450N	244	285	0.2	5.53	1260	1.5	< 2	1.90	< 0.5	10	105	40	2.42	1.52	1.25	530
R6900E 6500N	244	285	0.4	5.27	1270	1.0	< 2	1.60	< 0.5	12	115	27	2.54	1.62	1.24	465
R7000E 4350N	244	285	1.2	6.47	1220	1.0	< 2	1.77	< 0.5	7	27	56	2.06	1.92	0.63	430

CERTIFICATION: Ian Butler

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

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Page Number : 1-B
Total Pages : 6
Certificate Date: 22-JUL-97
Invoice No. : I9731964
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731964

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)
R6900E 4300N	244	285	1	1.36	28	1010	10	299	0.19	101	< 10	106
R6900E 4400N	244	285	1	0.69	71	1390	10	155	0.26	200	< 10	142
R6900E 4450N	244	285	1	0.57	51	1040	6	120	0.27	224	< 10	102
R6900E 4550N	244	285	1	0.78	85	880	10	111	0.28	148	< 10	104
R6900E 4600N	244	285	2	0.67	56	940	10	114	0.20	150	< 10	102
R6900E 4650N	244	285	6	1.50	39	800	16	292	0.29	149	< 10	176
R6900E 4700N	244	285	2	0.77	17	320	8	135	0.37	147	< 10	70
R6900E 4750N	244	285	1	1.13	22	580	6	173	0.43	149	< 10	78
R6900E 4800N	244	285	2	0.44	42	2260	10	128	0.32	208	< 10	76
R6900E 4900N	244	285	< 1	0.81	85	270	10	92	0.30	154	< 10	74
R6900E 4950N	244	285	4	0.31	93	1030	16	54	0.27	164	< 10	312
R6900E 5000N	244	285	3	0.40	47	1090	8	84	0.23	180	< 10	148
R6900E 5050N	244	285	< 1	0.62	99	770	6	79	0.28	163	< 10	96
R6900E 5100N	244	285	1	0.57	191	1050	10	102	0.32	243	< 10	134
R6900E 5150N	244	285	< 1	0.67	151	730	12	88	0.27	161	< 10	100
R6900E 5200N	244	285	< 1	0.77	316	810	8	90	0.41	176	< 10	110
R6900E 5250N	244	285	1	0.77	171	850	8	125	0.32	193	< 10	134
R6900E 5300N	244	285	3	1.17	76	1170	6	260	0.19	108	< 10	100
R6900E 5350N	244	285	2	1.80	15	420	6	323	0.28	112	< 10	80
R6900E 5400N	244	285	3	1.07	25	550	6	124	0.57	230	< 10	74
R6900E 5450N	244	285	< 1	1.02	78	430	8	131	0.31	117	< 10	58
R6900E 5500N	244	285	< 1	1.15	164	350	8	142	0.35	136	< 10	62
R6900E 5550N	244	285	< 1	0.74	103	750	14	79	0.31	153	< 10	98
R6900E 5600N	244	285	< 1	0.74	185	800	16	86	0.25	146	< 10	124
R6900E 5650N	244	285	< 1	0.88	95	880	8	132	0.24	113	< 10	78
R6900E 5700N	244	285	< 1	0.86	89	750	12	89	0.32	141	< 10	86
R6900E 5750N	244	285	< 1	0.93	57	810	8	182	0.18	102	< 10	96
R6900E 5800N	244	285	3	0.66	76	1190	10	138	0.21	158	< 10	190
R6900E 5900N	244	285	5	1.43	104	970	4	369	0.15	52	< 10	84
R6900E 5950N	244	285	1	0.71	93	820	12	90	0.29	149	< 10	110
R6900E 6000N	244	285	1	0.79	49	760	8	84	0.30	128	< 10	66
R6900E 6050N	244	285	2	0.71	72	740	12	95	0.31	154	< 10	98
R6900E 6100N	244	285	< 1	0.94	86	840	14	119	0.34	158	< 10	108
R6900E 6200N	244	285	1	1.24	28	770	2	337	0.13	33	< 10	40
R6900E 6250N	244	285	1	1.00	57	690	10	146	0.27	114	< 10	72
R6900E 6300N	244	285	1	0.65	29	730	2	220	0.07	20	< 10	26
R6900E 6400N	244	285	1	0.85	54	510	12	119	0.25	118	< 10	68
R6900E 6450N	244	285	< 1	0.86	81	570	12	152	0.23	105	< 10	66
R6900E 6500N	244	285	1	0.72	62	500	10	109	0.24	131	< 10	76
R7000E 4350N	244	285	1	1.95	27	930	8	399	0.18	68	< 10	70

CERTIFICATION: Ian Bradley

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

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Page Number :2-A
Total Pages :6
Certificate Date: 22-JUL-97
Invoice No. : I9731964
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9731964

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)
R7000E 4450N	244	285	0.6	5.33	1480	1.5	< 2	1.56	1.0	9	54	57	2.37	1.85	0.80	740
R7000E 4500N	244	285	0.4	6.10	1970	1.5	< 2	0.82	< 0.5	9	102	32	2.67	2.33	1.02	420
R7000E 4550N	244	285	0.6	4.71	1490	1.0	2	1.77	< 0.5	10	88	37	2.18	1.42	0.88	600
R7000E 4700N	244	285	3.6	6.16	1040	1.0	< 2	0.99	< 0.5	2	89	14	1.49	1.90	0.68	220
R7000E 4750N	244	285	1.2	6.21	880	1.0	2	0.72	< 0.5	1	69	45	1.73	1.62	0.67	165
R7000E 4800N	244	285	0.8	5.13	1230	1.5	< 2	0.56	< 0.5	7	135	54	2.68	1.43	1.13	225
R7000E 4850N	244	285	0.6	5.47	1160	1.0	< 2	0.70	< 0.5	10	169	14	2.79	1.47	1.18	510
R7000E 4900N	244	285	< 0.2	5.03	1140	1.0	< 2	0.64	< 0.5	3	111	8	1.33	1.60	0.65	225
R7000E 4950N	244	285	0.2	4.85	1500	1.5	< 2	0.65	< 0.5	12	128	57	2.91	1.73	1.06	395
R7000E 5000N	244	285	0.2	5.23	1530	1.5	< 2	0.68	0.5	10	129	38	2.67	1.70	1.10	325
R7000E 5050N	244	285	< 0.2	5.34	1110	1.0	< 2	0.67	< 0.5	10	149	12	2.99	1.47	1.37	350
R7000E 5100N	244	285	0.6	4.80	1530	1.0	< 2	1.50	< 0.5	17	218	44	2.59	1.16	1.59	580
R7000E 5150N	244	285	< 0.2	5.60	1480	1.5	< 2	0.92	< 0.5	20	216	33	3.16	1.49	1.79	510
R7000E 5200N	244	285	< 0.2	5.36	1210	1.0	< 2	0.88	< 0.5	14	163	26	2.98	1.42	1.33	495
R7000E 5250N	244	285	0.2	4.40	810	0.5	< 2	1.81	1.5	8	43	28	1.49	1.18	0.67	1185
R7000E 5400N	244	285	0.2	5.97	1340	1.5	< 2	1.24	< 0.5	23	254	48	3.52	1.60	2.55	770
R7000E 5450N	244	285	0.2	5.64	1370	1.0	2	0.80	< 0.5	12	153	22	2.92	1.44	1.42	450
R7000E 5500N	244	285	< 0.2	5.80	1320	1.0	< 2	1.07	< 0.5	18	245	42	3.69	1.45	2.43	780
R7000E 5550N	244	285	0.2	4.49	1160	1.0	< 2	0.87	< 0.5	10	122	28	2.29	1.26	1.27	335
R7000E 5600N	244	285	0.2	5.03	1390	1.0	< 2	1.22	< 0.5	17	172	36	2.96	1.35	1.54	830
R7000E 5650N	244	285	0.4	4.64	1300	1.0	< 2	0.93	< 0.5	12	140	24	2.39	1.32	1.35	390
R7000E 5700N	244	285	0.6	6.37	2020	1.5	< 2	0.75	0.5	26	246	61	4.97	1.55	2.98	625
R7000E 5750N	244	285	0.2	5.56	1560	1.5	< 2	0.72	< 0.5	9	93	27	2.32	1.67	1.15	235
R7000E 5950N	244	285	< 0.2	6.08	1660	1.5	< 2	0.84	< 0.5	17	167	47	3.09	1.89	1.52	575
R7000E 6000N	244	285	0.2	6.18	1570	1.5	2	0.89	< 0.5	13	151	52	3.58	1.77	1.59	835
R7000E 6050N	244	285	0.2	5.75	1450	1.5	< 2	0.88	< 0.5	13	137	42	3.36	1.66	1.46	580
R7000E 6100N	244	285	0.2	6.02	1950	1.5	< 2	0.79	< 0.5	11	138	60	3.18	1.88	1.38	435
R7000E 6200N	244	285	0.6	4.64	930	1.0	< 2	2.03	0.5	9	87	28	2.04	1.36	0.90	480
R7000E 6250N	244	285	0.6	5.85	1170	1.5	< 2	1.61	< 0.5	11	105	23	2.78	1.80	1.10	690
R7000E 6300N	244	285	0.2	4.93	1020	1.0	< 2	1.95	< 0.5	12	117	29	2.25	1.45	1.26	830
R7000E 6350N	244	285	0.2	5.48	1360	1.5	< 2	1.48	< 0.5	14	128	44	2.84	1.66	1.37	670
R7000E 6400N	244	285	0.4	2.91	820	0.5	< 2	4.02	< 0.5	6	55	39	1.35	0.70	0.61	765
R7000E 6450N	244	285	0.2	5.82	1270	1.5	2	1.71	< 0.5	13	130	31	2.83	1.60	1.42	450
R7000E 6500N	244	285	0.4	6.10	1350	1.5	< 2	1.36	< 0.5	16	150	24	3.47	1.75	1.35	1105
R7100E 4300N	244	285	0.4	5.67	2380	1.5	< 2	0.68	0.5	13	116	58	3.04	2.05	1.08	735
R7100E 4350N	244	285	0.4	7.91	2520	2.0	< 2	0.28	< 0.5	12	97	49	3.68	3.39	1.28	255
R7100E 4400N	244	285	0.8	7.54	2480	2.0	< 2	0.60	1.5	17	104	103	3.74	3.19	1.00	410
R7100E 4450N	244	285	0.6	5.96	1830	1.5	< 2	1.37	0.5	8	70	52	2.30	2.28	0.90	575
R7100E 4500N	244	285	0.2	4.46	1100	0.5	< 2	1.96	0.5	13	34	29	1.68	1.36	0.58	1410
R7100E 4550N	244	285	0.4	5.26	1750	1.5	< 2	1.31	0.5	9	153	39	2.54	1.80	1.00	355

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 22-JUL-97
Invoice No. : I9731964
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9731964

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)				
R7000E 4450N	244	285	2	0.70	40	1170	10	189	0.18	99	< 10	104				
R7000E 4500N	244	285	1	0.50	38	1040	12	104	0.31	171	< 10	116				
R7000E 4550N	244	285	1	0.70	40	1250	8	193	0.23	148	< 10	94				
R7000E 4700N	244	285	< 1	1.54	10	340	6	241	0.31	173	< 10	74				
R7000E 4750N	244	285	2	1.13	26	780	16	215	0.34	221	< 10	88				
R7000E 4800N	244	285	2	0.51	55	3330	14	153	0.29	181	< 10	76				
R7000E 4850N	244	285	< 1	0.83	65	1070	12	111	0.35	156	< 10	74				
R7000E 4900N	244	285	< 1	1.09	21	350	8	129	0.38	125	< 10	36				
R7000E 4950N	244	285	3	0.49	66	1160	12	84	0.37	221	< 10	148				
R7000E 5000N	244	285	< 1	0.60	55	630	10	87	0.31	162	< 10	110				
R7000E 5050N	244	285	< 1	0.76	59	540	12	95	0.36	151	< 10	72				
R7000E 5100N	244	285	< 1	0.66	171	970	8	168	0.29	175	< 10	74				
R7000E 5150N	244	285	< 1	0.79	158	790	12	96	0.37	164	< 10	80				
R7000E 5200N	244	285	2	1.00	86	580	10	137	0.35	170	< 10	88				
R7000E 5250N	244	285	1	1.37	52	840	6	308	0.16	58	< 10	60				
R7000E 5400N	244	285	< 1	0.68	216	790	12	97	0.34	153	< 10	98				
R7000E 5450N	244	285	1	0.84	100	310	12	92	0.39	152	< 10	80				
R7000E 5500N	244	285	< 1	0.86	187	790	6	105	0.39	152	< 10	84				
R7000E 5550N	244	285	< 1	0.73	78	770	10	91	0.30	121	< 10	70				
R7000E 5600N	244	285	< 1	0.62	143	820	12	93	0.27	136	< 10	82				
R7000E 5650N	244	285	< 1	0.75	89	800	12	94	0.29	129	< 10	84				
R7000E 5700N	244	285	< 1	0.74	155	1210	10	66	0.43	203	< 10	176				
R7000E 5750N	244	285	< 1	0.67	55	870	20	78	0.28	153	< 10	104				
R7000E 5950N	244	285	2	0.71	128	810	14	84	0.33	155	< 10	110				
R7000E 6000N	244	285	1	0.93	111	900	8	80	0.34	169	< 10	110				
R7000E 6050N	244	285	2	0.92	91	790	10	101	0.35	154	< 10	104				
R7000E 6100N	244	285	2	0.57	93	800	12	82	0.30	177	< 10	128				
R7000E 6200N	244	285	< 1	0.80	52	820	6	172	0.21	101	< 10	120				
R7000E 6250N	244	285	< 1	0.71	54	800	8	107	0.26	109	< 10	70				
R7000E 6300N	244	285	1	0.92	76	650	8	159	0.23	91	< 10	80				
R7000E 6350N	244	285	2	0.62	94	700	10	87	0.26	123	< 10	82				
R7000E 6400N	244	285	< 1	0.32	40	980	6	125	0.12	57	< 10	44				
R7000E 6450N	244	285	< 1	0.77	73	640	10	95	0.27	116	< 10	60				
R7000E 6500N	244	285	< 1	0.67	99	550	14	81	0.27	130	< 10	72				
R7100E 4300N	244	285	4	0.62	72	1120	12	89	0.31	220	< 10	152				
R7100E 4350N	244	285	2	0.20	35	720	8	39	0.34	161	< 10	114				
R7100E 4400N	244	285	5	0.25	64	850	16	61	0.31	206	< 10	152				
R7100E 4450N	244	285	3	0.50	31	1000	8	150	0.24	142	< 10	116				
R7100E 4500N	244	285	1	0.99	22	1000	6	273	0.16	71	< 10	80				
R7100E 4550N	244	285	2	0.65	58	1190	4	147	0.30	176	< 10	138				

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 22-JUL-97
Invoice No. : I9731964
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731964

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)
R7100E 4600N	244	285	0.2	3.89	1140	0.5	< 2	1.89	2.0	15	73	35	2.21	1.06	0.72	2080
R7100E 4650N	244	285	0.4	3.94	1220	0.5	< 2	1.58	0.5	9	119	27	1.73	1.12	1.02	630
R7100E 4700N	244	285	0.6	2.31	530	< 0.5	< 2	0.74	1.5	48	34	42	4.90	0.63	0.30	5830
R7100E 4750N	244	285	1.4	4.85	1190	1.0	< 2	1.10	4.0	14	113	353	2.22	1.34	1.03	665
R7100E 4800N	244	285	2.4	8.31	2230	2.5	< 2	0.76	10.5	32	203	365	2.48	2.65	0.78	3900
R7100E 4850N	244	285	2.6	7.44	2320	2.5	< 2	0.28	0.5	4	178	82	3.21	2.95	1.13	150
R7100E 4900N	244	285	0.4	5.69	910	1.0	< 2	0.53	< 0.5	4	102	11	1.45	1.59	0.69	180
R7100E 4950N	244	285	0.4	4.33	950	1.0	< 2	0.24	0.5	1	79	10	1.17	1.37	0.43	105
R7100E 5000N	244	285	0.6	4.95	930	0.5	< 2	0.54	0.5	9	138	11	3.06	1.19	0.85	400
R7100E 5050N	244	285	0.2	4.56	730	0.5	< 2	0.51	< 0.5	4	76	9	1.53	1.23	0.59	195
R7100E 5100N	244	285	0.2	5.43	1330	1.0	< 2	0.89	< 0.5	17	200	29	3.09	1.34	1.61	490
R7100E 5150N	244	285	< 0.2	5.27	1450	1.0	< 2	0.78	< 0.5	16	209	34	3.03	1.40	1.89	505
R7100E 5200N	244	285	0.4	5.15	1480	1.0	< 2	0.94	< 0.5	16	208	33	2.90	1.24	1.66	515
R7100E 5350N	244	285	1.0	6.79	1670	1.5	< 2	0.55	< 0.5	16	369	23	3.18	1.65	2.62	275
R7100E 5400N	244	285	0.2	6.08	980	1.0	< 2	0.79	< 0.5	19	212	23	3.57	1.45	1.86	710
R7100E 5450N	244	285	< 0.2	5.86	1470	1.5	< 2	0.91	0.5	30	324	54	3.78	1.58	3.03	890
R7100E 5550N	244	285	< 0.2	4.94	1160	1.0	< 2	0.43	< 0.5	6	67	15	2.09	1.42	0.70	270
R7100E 5600N	244	285	< 0.2	4.74	1080	1.0	< 2	0.55	< 0.5	7	113	11	2.09	1.26	0.95	260
R7100E 5650N	244	285	0.2	4.99	1280	1.5	2	0.64	< 0.5	10	99	35	2.33	1.42	1.02	305
R7100E 5700N	244	285	0.4	5.66	1390	1.5	< 2	0.73	0.5	12	125	40	2.80	1.65	1.26	320
R7100E 5750N	244	285	0.2	6.47	1340	1.5	< 2	1.07	< 0.5	12	74	39	2.79	1.74	0.87	840
R7100E 5800N	244	285	< 0.2	5.49	1240	1.5	< 2	0.94	< 0.5	15	173	31	2.86	1.56	1.58	615
R7100E 5850N	244	285	< 0.2	5.32	1430	1.5	< 2	0.93	2.0	13	100	36	2.56	1.54	1.10	760
R7100E 5900N	244	285	< 0.2	5.72	1420	1.5	< 2	0.65	0.5	11	103	34	2.58	1.69	1.06	355
R7100E 5950N	244	285	< 0.2	5.51	1370	1.5	< 2	0.92	< 0.5	8	117	17	2.34	1.63	1.27	495
R7100E 6000N	244	285	< 0.2	6.02	1440	1.5	< 2	1.05	< 0.5	12	113	45	3.16	1.72	1.23	660
R7100E 6050N	244	285	< 0.2	5.92	1410	1.5	< 2	0.87	0.5	14	136	44	3.30	1.64	1.44	920
R7100E 6100N	244	285	< 0.2	3.07	1880	0.5	< 2	1.72	0.5	40	60	19	10.90	0.87	0.75	>10000
R7100E 6150N	244	285	< 0.2	5.69	1430	1.5	< 2	0.82	0.5	16	139	39	2.93	1.73	1.38	570
R7100E 6200N	244	285	< 0.2	5.39	1110	1.0	< 2	0.87	< 0.5	16	153	25	2.63	1.54	1.46	590
R7100E 6250N	244	285	< 0.2	5.15	990	1.0	< 2	1.12	< 0.5	10	111	26	2.33	1.41	1.07	375
R7100E 6300N	244	285	< 0.2	5.73	1160	1.5	< 2	1.71	< 0.5	10	86	23	2.36	1.56	0.95	2720
R7100E 6350N	244	285	< 0.2	5.20	1110	1.0	< 2	1.90	0.5	11	86	46	2.36	1.34	0.95	1595
R7100E 6400N	244	285	< 0.2	5.72	1140	1.5	< 2	0.84	< 0.5	11	137	26	2.81	1.47	1.19	450
R7100E 6450N	244	285	< 0.2	5.06	870	1.0	< 2	0.69	1.0	4	86	22	1.79	1.45	0.64	275
R7100E 6500N	244	285	< 0.2	5.74	1110	1.5	< 2	1.54	< 0.5	13	121	55	2.71	1.56	1.17	555
R7200E 4300N	244	285	0.4	4.47	1140	1.0	< 2	2.19	3.5	10	42	71	2.08	1.13	0.58	1200
R7200E 4350N	244	285	0.8	5.68	1790	1.5	< 2	1.38	1.5	10	78	57	2.67	1.93	0.91	685
R7200E 4400N	244	285	0.6	4.07	1610	0.5	< 2	1.52	5.5	23	77	76	2.91	1.11	0.76	3050
R7200E 4450N	244	285	0.6	1.75	560	< 0.5	< 2	2.84	11.0	4	23	136	0.84	0.43	0.32	725

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9731964

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)				
R7100E 4600N	244	285	4	0.66	51	1350	4	226	0.16	105	< 10	150				
R7100E 4650N	244	285	< 1	0.54	64	910	8	157	0.21	117	< 10	120				
R7100E 4700N	244	285	69	0.54	30	2520	4	126	0.09	52	< 10	68				
R7100E 4750N	244	285	3	0.68	73	1530	6	160	0.23	136	< 10	114				
R7100E 4800N	244	285	46	1.25	163	1960	28	459	0.31	466	< 10	138				
R7100E 4850N	244	285	4	0.27	49	2010	26	245	0.56	628	< 10	150				
R7100E 4900N	244	285	< 1	0.85	19	390	6	123	0.35	119	< 10	118				
R7100E 4950N	244	285	< 1	0.44	14	610	8	59	0.32	157	< 10	44				
R7100E 5000N	244	285	< 1	0.80	37	1080	10	93	0.34	158	< 10	96				
R7100E 5050N	244	285	< 1	0.95	22	230	6	123	0.30	93	< 10	38				
R7100E 5100N	244	285	< 1	0.85	121	820	4	115	0.36	145	< 10	78				
R7100E 5150N	244	285	< 1	0.79	140	820	4	99	0.40	146	< 10	80				
R7100E 5200N	244	285	< 1	0.77	116	870	6	117	0.38	176	< 10	68				
R7100E 5350N	244	285	< 1	0.63	184	280	10	42	0.20	98	< 10	86				
R7100E 5400N	244	285	2	1.22	123	510	6	180	0.37	128	< 10	72				
R7100E 5450N	244	285	< 1	0.75	319	810	8	97	0.38	160	< 10	106				
R7100E 5550N	244	285	1	0.78	30	390	8	98	0.26	126	< 10	68				
R7100E 5600N	244	285	< 1	0.77	47	320	8	99	0.29	119	< 10	54				
R7100E 5650N	244	285	< 1	0.74	64	830	14	91	0.29	125	< 10	84				
R7100E 5700N	244	285	< 1	0.66	83	840	14	88	0.29	147	< 10	120				
R7100E 5750N	244	285	1	0.94	47	830	12	183	0.23	123	< 10	96				
R7100E 5800N	244	285	< 1	0.84	109	790	6	88	0.33	128	< 10	84				
R7100E 5850N	244	285	< 1	0.68	70	870	8	88	0.26	138	< 10	124				
R7100E 5900N	244	285	2	0.67	64	890	8	84	0.28	153	< 10	120				
R7100E 5950N	244	285	< 1	0.78	54	960	6	116	0.28	133	< 10	112				
R7100E 6000N	244	285	1	0.85	79	860	8	134	0.26	154	< 10	120				
R7100E 6050N	244	285	2	0.78	87	820	8	92	0.31	151	< 10	104				
R7100E 6100N	244	285	5	0.35	80	1030	< 2	116	0.12	83	< 10	200				
R7100E 6150N	244	285	< 1	0.70	100	860	10	98	0.29	146	< 10	110				
R7100E 6200N	244	285	< 1	0.80	104	470	6	104	0.27	107	< 10	76				
R7100E 6250N	244	285	< 1	0.87	65	630	2	132	0.23	94	< 10	62				
R7100E 6300N	244	285	1	0.86	47	590	4	174	0.21	91	< 10	62				
R7100E 6350N	244	285	1	0.87	62	750	6	174	0.22	92	< 10	66				
R7100E 6400N	244	285	< 1	0.88	56	420	6	111	0.28	117	< 10	62				
R7100E 6450N	244	285	< 1	0.98	21	210	2	141	0.26	86	< 10	56				
R7100E 6500N	244	285	< 1	0.60	82	610	8	93	0.22	109	< 10	60				
R7200E 4300N	244	285	1	1.09	38	1260	2	339	0.15	95	< 10	136				
R7200E 4350N	244	285	3	0.45	39	1180	6	166	0.24	152	< 10	144				
R7200E 4400N	244	285	6	0.49	57	1460	2	184	0.16	158	< 10	142				
R7200E 4450N	244	285	< 1	0.32	63	1260	2	274	0.06	42	< 10	186				

CERTIFICATION: Hart Bichler

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

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 22-JUL-97
Invoice No. : I9731964
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731964

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)
R7200E 4500N	244	285	0.6	3.77	1250	0.5	< 2	2.10	4.0	9	79	63	1.46	1.02	0.77	850
R7200E 4550N	244	285	0.2	4.44	1240	0.5	< 2	1.77	1.5	9	115	35	1.91	1.07	1.00	490
R7200E 4600N	244	285	0.4	2.86	1030	0.5	< 2	2.35	1.0	8	73	75	1.50	0.69	0.65	1085
R7200E 4650N	244	285	0.2	5.29	1390	1.0	< 2	1.45	< 0.5	12	140	28	2.59	1.34	1.22	530
R7200E 4700N	244	285	< 0.2	4.63	1390	0.5	< 2	1.81	0.5	15	145	34	2.37	1.16	1.22	1130
R7200E 4750N	244	285	0.2	4.82	1430	1.0	< 2	1.41	2.5	17	83	42	2.46	1.25	0.84	1225
R7200E 4800N	244	285	< 0.2	2.36	650	< 0.5	< 2	2.46	13.0	8	12	21	0.89	0.64	0.23	1535
R7200E 4850N	244	285	0.4	2.33	690	0.5	< 2	1.69	6.5	36	43	33	3.23	0.60	0.62	4810
R7200E 4950N	244	285	0.4	3.41	470	0.5	< 2	3.12	2.5	4	15	43	0.95	0.76	0.72	430
R7200E 5000N	244	285	0.6	2.76	800	0.5	< 2	2.53	7.5	5	49	65	1.16	0.67	0.98	460
R7200E 5050N	244	285	1.0	2.68	1110	0.5	< 2	1.53	4.0	9	101	57	1.43	0.67	1.23	595
R7200E 5100N	244	285	0.2	6.06	1690	1.0	< 2	0.83	< 0.5	24	268	30	3.98	1.38	2.50	730
R7200E 5150N	244	285	0.4	6.78	810	1.0	< 2	1.46	< 0.5	3	22	16	1.57	1.89	0.54	325
R7200E 5200N	244	285	1.8	5.53	1570	1.0	< 2	0.91	0.5	23	209	28	3.37	1.23	1.61	665
R7200E 5250N	244	285	4.2	6.43	2420	1.5	< 2	0.71	3.0	22	256	128	3.40	1.64	1.66	910
R7200E 5350N	244	285	1.4	7.79	1900	1.5	2	0.61	< 0.5	17	356	30	3.45	2.28	2.30	385
R7200E 5400N	244	285	0.4	8.11	2230	1.5	< 2	0.72	< 0.5	18	192	33	4.38	1.92	2.45	515
R7200E 5450N	244	285	0.2	4.94	1250	1.5	< 2	1.37	0.5	15	137	47	2.43	1.22	1.32	885
R7200E 5500N	244	285	< 0.2	5.93	1370	1.5	< 2	1.11	0.5	22	223	52	3.47	1.55	1.97	570
R7200E 5550N	244	285	0.2	6.13	1050	1.0	< 2	0.78	< 0.5	7	90	21	2.35	1.54	0.91	310
R7200E 5600N	244	285	0.4	3.82	1270	0.5	< 2	2.13	4.0	9	82	64	1.45	1.06	0.77	850
R7200E 5650N	244	285	< 0.2	5.65	1130	1.0	< 2	1.24	< 0.5	8	105	25	2.15	1.54	1.13	350
R7200E 5700N	244	285	< 0.2	5.69	1010	1.0	< 2	1.04	< 0.5	8	62	20	2.30	1.54	0.79	520
R7200E 5750N	244	285	< 0.2	5.62	1280	1.5	< 2	0.96	< 0.5	12	139	23	2.55	1.48	1.26	520
R7200E 5800N	244	285	< 0.2	5.92	1480	1.5	< 2	1.01	0.5	15	146	38	2.60	1.71	1.43	545
R7200E 5850N	244	285	< 0.2	4.78	1220	1.0	< 2	0.62	< 0.5	7	93	21	2.03	1.35	0.97	270
R7200E 5900N	244	285	< 0.2	5.16	1400	1.0	< 2	2.16	1.5	7	60	37	1.90	1.41	0.76	590
R7200E 5950N	244	285	< 0.2	4.79	1880	1.0	< 2	1.52	2.0	16	111	20	2.59	1.31	1.03	5220
R7200E 6000N	244	285	< 0.2	3.30	390	0.5	< 2	2.10	2.0	8	69	42	1.59	0.91	0.77	595
R7200E 6100N	244	285	< 0.2	3.07	900	0.5	< 2	5.38	2.0	11	49	29	1.33	0.91	0.80	>10000
R7200E 6150N	244	285	0.2	6.35	1080	1.0	< 2	1.63	< 0.5	7	95	31	2.40	1.77	1.04	365
R7200E 6200N	244	285	0.6	5.56	1330	1.5	< 2	2.48	< 0.5	9	101	61	2.70	1.42	0.90	485
R7200E 6250N	244	285	< 0.2	5.64	1260	1.5	< 2	1.00	0.5	15	120	41	2.85	1.61	1.19	460
R7200E 6300N	244	285	2.0	5.89	1170	1.5	< 2	1.65	0.5	13	133	28	2.57	1.56	0.89	3050
R7200E 6350N	244	285	0.2	5.73	1250	1.5	< 2	0.71	< 0.5	13	148	41	2.86	1.64	1.24	410
R7200E 6400N	244	285	< 0.2	5.80	870	1.0	< 2	0.57	< 0.5	6	54	61	2.27	1.76	0.38	365
R7300E 4300N	244	285	0.4	5.52	1940	1.0	< 2	0.88	1.0	9	146	31	3.22	1.22	0.95	455
R7300E 4400N	244	285	0.6	5.30	2480	1.5	< 2	0.49	1.5	10	138	42	2.41	1.59	0.93	370
R7300E 4450N	244	285	1.0	5.90	2510	1.5	< 2	0.82	3.0	15	152	45	3.10	1.50	1.12	910
R7300E 4550N	244	285	0.4	4.76	1680	1.0	< 2	0.55	0.5	14	150	29	2.28	1.38	1.12	365

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 22-JUL-97
Invoice No. :I9731964
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9731964

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)
R7200E 4500N	244	285	< 1	0.63	66	1260	< 2	237	0.16	118	< 10	200
R7200E 4550N	244	285	< 1	0.82	56	850	2	224	0.23	119	< 10	102
R7200E 4600N	244	285	1	0.16	120	1000	< 2	170	0.08	83	< 10	116
R7200E 4650N	244	285	< 1	0.94	79	930	4	196	0.26	131	< 10	94
R7200E 4700N	244	285	< 1	0.72	100	1010	2	173	0.23	119	< 10	110
R7200E 4750N	244	285	2	1.01	79	1030	4	219	0.22	100	< 10	192
R7200E 4800N	244	285	42	0.73	79	950	< 2	217	0.06	20	< 10	938
R7200E 4850N	244	285	28	0.44	66	1500	2	190	0.11	51	< 10	434
R7200E 4950N	244	285	< 1	1.04	18	870	< 2	363	0.11	27	< 10	38
R7200E 5000N	244	285	1	0.50	76	990	2	232	0.09	76	< 10	166
R7200E 5050N	244	285	1	0.23	114	1070	2	149	0.10	114	< 10	120
R7200E 5100N	244	285	< 1	0.80	162	630	< 2	94	0.48	164	< 10	84
R7200E 5150N	244	285	< 1	2.39	7	430	4	461	0.21	53	< 10	52
R7200E 5200N	244	285	2	0.84	112	1750	12	141	0.46	376	< 10	84
R7200E 5250N	244	285	8	0.35	200	2160	42	216	0.28	491	< 10	162
R7200E 5350N	244	285	< 1	0.56	165	450	8	44	0.22	110	< 10	102
R7200E 5400N	244	285	< 1	0.80	68	1330	8	91	0.45	151	< 10	124
R7200E 5450N	244	285	< 1	0.65	129	910	12	127	0.20	115	< 10	110
R7200E 5500N	244	285	< 1	0.82	176	860	10	96	0.36	157	< 10	108
R7200E 5550N	244	285	1	1.19	43	420	10	181	0.30	128	< 10	66
R7200E 5600N	244	285	< 1	0.69	66	1230	2	235	0.17	119	< 10	180
R7200E 5650N	244	285	1	1.38	60	760	4	244	0.24	97	< 10	72
R7200E 5700N	244	285	< 1	1.23	30	820	8	211	0.22	88	< 10	76
R7200E 5750N	244	285	1	0.85	64	770	10	125	0.25	126	< 10	86
R7200E 5800N	244	285	< 1	0.73	96	840	10	107	0.28	154	< 10	126
R7200E 5850N	244	285	< 1	0.68	52	910	4	79	0.28	125	< 10	80
R7200E 5900N	244	285	2	0.95	50	950	6	219	0.16	99	< 10	128
R7200E 5950N	244	285	4	0.55	73	1380	8	117	0.22	142	< 10	158
R7200E 6000N	244	285	2	0.48	72	970	6	137	0.16	94	< 10	172
R7200E 6100N	244	285	4	0.47	108	690	< 2	215	0.11	57	< 10	98
R7200E 6150N	244	285	1	1.60	72	520	2	305	0.22	93	< 10	84
R7200E 6200N	244	285	1	0.77	96	1020	4	211	0.14	112	< 10	96
R7200E 6250N	244	285	2	0.68	67	750	8	87	0.25	124	< 10	80
R7200E 6300N	244	285	5	1.11	41	770	8	231	0.23	283	< 10	84
R7200E 6350N	244	285	1	0.71	77	660	6	79	0.29	146	< 10	90
R7200E 6400N	244	285	2	1.06	18	380	2	174	0.24	78	< 10	90
R7300E 4300N	244	285	4	0.77	42	1450	8	176	0.36	370	< 10	100
R7300E 4400N	244	285	6	0.50	63	1160	8	123	0.28	417	< 10	168
R7300E 4450N	244	285	5	0.77	96	1070	10	147	0.28	224	< 10	334
R7300E 4550N	244	285	< 1	0.60	89	700	8	78	0.28	146	< 10	106

CERTIFICATION:

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Analytical Chemists * Geochemists * Registered Assayers

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Certificate Date: 22-JUL-97
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CERTIFICATE OF ANALYSIS A9731964

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)
R7300E 4600N	244	285	0.4	4.10	1140	0.5	< 2	1.34	1.5	9	77	22	1.49	1.04	0.77	540
R7300E 4650N	244	285	0.4	5.60	1660	1.0	2	1.14	< 0.5	8	154	23	1.99	1.58	0.95	295
R7300E 4700N	244	285	< 0.2	4.85	1290	1.0	< 2	0.76	0.5	3	88	12	1.31	1.47	0.51	190
R7300E 5000N	244	285	0.2	6.23	690	1.0	< 2	1.88	2.0	8	9	31	1.77	1.63	0.60	390
R7300E 5200N	244	285	0.4	4.62	840	0.5	< 2	1.09	4.0	13	145	33	2.38	1.12	1.13	630
R7300E 5300N	244	285	0.2	5.90	1300	1.0	< 2	0.92	0.5	27	277	39	3.74	1.49	2.82	1315
R7300E 5350N	244	285	0.4	5.67	1250	1.0	< 2	1.00	< 0.5	27	329	29	3.64	1.44	3.24	610
R7300E 5400N	244	285	0.4	5.34	1230	1.0	< 2	0.41	0.5	12	110	19	2.63	1.11	0.97	350
R7300E 5550N	244	285	< 0.2	5.37	900	1.5	< 2	0.39	< 0.5	11	90	19	2.69	1.45	0.79	425
R7300E 5600N	244	285	0.4	4.80	1110	1.0	< 2	0.57	< 0.5	7	77	9	1.88	1.34	0.80	235
R7300E 5650N	244	285	0.2	5.32	1060	1.0	< 2	0.95	< 0.5	23	239	24	3.06	1.32	2.74	480
R7300E 5700N	244	285	0.6	5.37	1560	1.0	< 2	1.72	1.0	21	179	52	3.34	1.15	1.92	1855
R7300E 5750N	244	285	< 0.2	5.69	1510	1.5	< 2	1.07	< 0.5	10	89	27	2.36	1.51	1.05	415
R7300E 5800N	244	285	0.2	5.29	1400	1.5	< 2	0.82	0.5	9	81	34	2.30	1.54	0.90	380
R7300E 5850N	244	285	0.2	5.69	1470	1.5	< 2	0.86	< 0.5	12	118	26	2.69	1.64	1.16	525
R7300E 5900N	244	285	0.4	5.46	1510	1.5	2	0.69	< 0.5	9	103	25	2.20	1.57	1.05	205
R7300E 5950N	244	285	< 0.2	5.52	1390	1.5	< 2	0.75	< 0.5	9	123	30	2.50	1.62	1.19	405
R7300E 6000N	244	285	0.2	5.75	1580	1.5	< 2	0.88	< 0.5	10	125	33	2.69	1.60	1.19	360
R7300E 6050N	244	285	< 0.2	4.76	1190	1.0	< 2	1.06	< 0.5	9	115	19	2.16	1.29	1.13	355
R7300E 6150N	244	285	0.6	5.41	1310	1.5	< 2	0.82	< 0.5	17	114	29	3.16	1.62	0.99	1265
R7300E 6200N	244	285	< 0.2	5.98	1320	1.5	< 2	0.72	< 0.5	12	119	35	2.90	1.85	1.02	370
R7300E 6250N	244	285	0.6	5.93	1120	1.5	< 2	1.85	2.0	11	75	58	2.29	1.56	0.90	1070
R7300E 6300N	244	285	1.2	6.19	1080	1.0	< 2	1.85	0.5	8	59	30	1.82	1.62	0.74	2290
R7300E 6350N	244	285	< 0.2	5.75	1210	1.5	< 2	1.03	< 0.5	15	139	32	2.99	1.57	1.20	1365
R7300E 6400N	244	285	0.4	5.99	1200	1.5	< 2	1.24	< 0.5	16	135	32	3.07	1.57	1.30	680
R7300E 6450N	244	285	0.2	4.20	940	0.5	2	2.44	0.5	7	71	25	1.71	1.07	0.65	465
R7300E 6500N	244	285	0.4	5.11	1060	1.0	< 2	1.35	< 0.5	12	103	16	2.34	1.35	1.01	780
R7400E 4300N	244	285	1.0	4.83	1190	0.5	< 2	0.66	0.5	4	99	10	2.05	1.06	0.59	300
R7400E 4350N	244	285	5.4	4.58	2270	1.5	< 2	1.03	21.0	5	156	1145	1.50	1.22	0.64	360
R7400E 4400N	244	285	1.2	5.47	2260	1.5	< 2	0.50	0.5	3	146	29	1.72	1.68	0.55	160
R7400E 4450N	244	285	1.4	5.84	2090	1.5	< 2	0.76	1.0	5	138	50	3.01	1.74	0.71	255
R7400E 4600N	244	285	0.8	5.18	2020	1.5	< 2	0.39	5.5	9	130	60	2.96	1.89	0.75	395
R7400E 4650N	244	285	1.2	4.97	1120	0.5	< 2	1.13	7.5	9	78	80	2.90	1.09	0.46	1005
R7400E 4750N	244	285	3.0	5.05	1830	1.5	< 2	1.14	27.0	16	78	269	2.60	1.35	0.55	810
R7400E 4900N	244	285	0.6	5.32	1510	1.0	< 2	1.15	1.5	22	243	53	3.64	1.31	1.86	620
R7400E 4950N	244	285	0.2	5.96	1260	1.5	< 2	1.15	< 0.5	18	184	38	2.98	1.51	1.56	675
R7400E 5000N	244	285	0.4	5.55	1400	1.0	< 2	0.88	< 0.5	17	212	44	3.08	1.44	1.75	505
R7400E 5050N	244	285	0.4	4.99	1340	1.0	< 2	1.05	< 0.5	19	296	34	3.15	1.30	2.32	665
R7400E 5300N	244	285	0.8	5.89	810	1.0	< 2	1.10	0.5	35	256	57	5.23	1.06	1.84	840
R7400E 5350N	244	285	0.6	5.12	1130	1.0	< 2	0.52	< 0.5	14	160	18	2.47	1.36	1.16	465

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Page Number :5-B
Total Pages :6
Certificate Date: 22-JUL-97
Invoice No. :I9731964
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9731964

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)				
R7300E 4600N	244	285	< 1	0.87	41	940	4	206	0.18	81	< 10	82				
R7300E 4650N	244	285	1	1.07	45	800	6	190	0.29	142	< 10	118				
R7300E 4700N	244	285	1	0.80	16	400	6	152	0.33	141	< 10	48				
R7300E 5000N	244	285	4	2.39	27	630	2	490	0.17	59	< 10	220				
R7300E 5200N	244	285	8	0.96	133	1260	4	155	0.25	131	< 10	134				
R7300E 5300N	244	285	< 1	0.83	243	630	6	98	0.35	149	< 10	98				
R7300E 5350N	244	285	< 1	0.91	292	510	4	114	0.34	136	< 10	84				
R7300E 5400N	244	285	1	0.69	75	320	10	69	0.26	134	< 10	88				
R7300E 5550N	244	285	1	0.70	40	740	8	74	0.26	125	< 10	92				
R7300E 5600N	244	285	1	0.75	24	790	4	83	0.27	116	< 10	56				
R7300E 5650N	244	285	< 1	0.78	195	740	8	78	0.35	138	< 10	84				
R7300E 5700N	244	285	< 1	0.92	150	810	6	155	0.31	135	< 10	82				
R7300E 5750N	244	285	< 1	0.80	45	950	12	121	0.24	142	< 10	98				
R7300E 5800N	244	285	1	0.69	44	900	12	91	0.24	140	< 10	104				
R7300E 5850N	244	285	< 1	0.72	60	850	10	96	0.28	146	< 10	100				
R7300E 5900N	244	285	1	0.64	48	830	12	73	0.26	148	< 10	106				
R7300E 5950N	244	285	< 1	0.67	66	890	8	80	0.29	141	< 10	104				
R7300E 6000N	244	285	2	0.61	64	940	12	86	0.28	158	< 10	112				
R7300E 6050N	244	285	< 1	0.70	46	870	6	109	0.27	118	< 10	84				
R7300E 6150N	244	285	< 1	0.65	67	760	14	108	0.29	149	< 10	112				
R7300E 6200N	244	285	1	0.63	64	590	8	97	0.30	142	< 10	100				
R7300E 6250N	244	285	< 1	1.28	88	730	6	270	0.21	98	< 10	184				
R7300E 6300N	244	285	< 1	1.74	36	620	4	324	0.19	71	< 10	68				
R7300E 6350N	244	285	< 1	0.72	69	600	10	103	0.27	118	< 10	88				
R7300E 6400N	244	285	< 1	0.86	80	650	8	142	0.26	109	< 10	70				
R7300E 6450N	244	285	1	0.62	40	620	4	159	0.16	80	< 10	70				
R7300E 6500N	244	285	< 1	0.87	52	440	6	141	0.24	102	< 10	72				
R7400E 4300N	244	285	< 1	0.82	18	420	8	111	0.39	211	< 10	48				
R7400E 4350N	244	285	5	0.52	84	1290	22	194	0.31	702	< 10	272				
R7400E 4400N	244	285	4	0.78	27	1090	18	176	0.31	715	< 10	106				
R7400E 4450N	244	285	5	0.98	39	2350	14	211	0.29	549	< 10	154				
R7400E 4600N	244	285	7	0.30	50	2010	10	89	0.22	408	< 10	292				
R7400E 4650N	244	285	1	1.01	43	1550	8	245	0.19	227	< 10	194				
R7400E 4750N	244	285	4	0.93	108	2300	12	243	0.17	208	< 10	320				
R7400E 4900N	244	285	2	0.71	196	950	6	100	0.33	161	< 10	136				
R7400E 4950N	244	285	< 1	1.14	119	750	6	181	0.32	135	< 10	92				
R7400E 5000N	244	285	< 1	0.77	177	750	6	107	0.35	146	< 10	82				
R7400E 5050N	244	285	< 1	0.69	216	890	4	118	0.33	139	< 10	98				
R7400E 5300N	244	285	< 1	0.99	83	600	18	171	0.33	150	< 10	142				
R7400E 5350N	244	285	< 1	0.76	79	460	6	85	0.32	130	< 10	64				

CERTIFICATION: Hart Bochler

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

Project: 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Page Number :6-A
Total Pages :6
Certificate Date: 22-JUL-97
Invoice No. :I9731964
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9731964

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)
R7400E 5400N	244	285	0.4	5.11	1180	1.0	< 2	0.41	3.0	8	69	20	2.27	1.32	0.75	270
R7400E 5450N	244	285	0.2	6.09	1130	1.5	< 2	0.48	< 0.5	9	90	23	2.60	1.69	0.92	325
R7400E 5500N	244	285	0.2	5.33	1020	1.0	< 2	0.87	< 0.5	14	168	26	2.89	1.39	1.79	465
R7400E 5550N	244	285	0.4	6.29	1130	1.5	< 2	1.05	0.5	10	64	28	2.14	1.75	0.75	765
R7400E 5600N	244	285	0.2	5.51	1340	1.5	< 2	0.92	< 0.5	13	103	23	2.71	1.38	1.11	1525
R7400E 5650N	244	285	0.4	5.19	1210	1.5	< 2	0.90	< 0.5	32	240	39	3.29	1.33	2.78	730
R7400E 5700N	244	285	< 0.2	4.79	1100	1.0	< 2	0.73	< 0.5	13	125	22	2.39	1.37	1.16	415
R7400E 5750N	244	285	0.6	5.96	1540	1.5	< 2	0.89	0.5	15	152	41	2.90	1.73	1.49	485
R7400E 5800N	244	285	0.6	6.30	1670	1.5	< 2	0.68	0.5	9	113	42	2.91	2.00	1.10	350
R7400E 5850N	244	285	0.4	5.65	1480	1.5	< 2	0.90	< 0.5	12	152	75	2.54	1.52	1.40	370
R7400E 5900N	244	285	0.8	5.95	1490	1.5	< 2	0.80	0.5	15	144	41	2.94	1.77	1.35	585
R7400E 5950N	244	285	0.6	6.32	1610	1.5	< 2	1.00	0.5	16	157	41	3.04	1.82	1.45	385
R7400E 6000N	244	285	0.4	6.25	1640	1.5	< 2	0.89	< 0.5	17	176	37	2.96	1.77	1.65	475
R7400E 6050N	244	285	0.4	6.03	1460	1.5	< 2	0.88	0.5	18	165	56	3.38	1.68	1.41	1010
R7400E 6100N	244	285	0.2	5.82	1260	1.5	< 2	0.89	< 0.5	22	159	23	3.76	1.58	1.37	1065
R7400E 6150N	244	285	0.4	5.23	1010	1.0	< 2	2.00	0.5	9	59	31	1.83	1.39	0.76	925
R7400E 6200N	244	285	0.4	6.06	1570	1.5	< 2	0.86	0.5	15	116	43	3.05	1.86	1.09	675
R7400E 6250N	244	285	0.4	5.20	1250	1.5	< 2	0.93	< 0.5	7	96	21	2.16	1.54	0.88	305
R7400E 6300N	244	285	0.6	5.78	1260	1.5	< 2	1.53	< 0.5	15	210	37	3.63	1.78	1.70	740
R7400E 6350N	244	285	0.8	4.74	1130	1.0	< 2	2.05	1.0	14	124	47	2.60	1.31	1.10	1045
R7400E 6400N	244	285	0.2	4.90	1070	1.0	< 2	1.95	< 0.5	11	89	26	2.11	1.33	0.92	405
R7400E 6450N	244	285	0.4	5.33	1220	1.0	< 2	1.80	< 0.5	10	95	59	2.37	1.34	0.91	735
R7400E 6500N	244	285	0.4	4.19	1100	1.0	< 2	2.13	0.5	10	111	17	2.04	1.10	1.02	240
97YT5-001	244	285	3.6	5.18	2820	1.5	< 2	0.37	20.0	35	252	82	15.75	1.57	0.36	770

CERTIFICATION: Ian J. Bradley

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

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 22-JUL-97
Invoice No. :I9731964
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9731964

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)
R7400E 5400N	244	285	< 1	0.71	33	400	6	72	0.27	116	< 10	78
R7400E 5450N	244	285	1	0.72	44	740	4	87	0.27	116	< 10	84
R7400E 5500N	244	285	< 1	0.89	107	770	4	102	0.34	122	< 10	78
R7400E 5550N	244	285	2	1.37	31	830	10	231	0.22	100	< 10	80
R7400E 5600N	244	285	1	0.76	62	1260	10	106	0.26	127	< 10	78
R7400E 5650N	244	285	< 1	0.68	289	780	4	79	0.29	137	< 10	88
R7400E 5700N	244	285	< 1	0.71	75	780	8	71	0.30	116	< 10	76
R7400E 5750N	244	285	1	0.69	101	860	10	79	0.31	168	< 10	120
R7400E 5800N	244	285	3	0.62	61	970	4	77	0.32	189	< 10	148
R7400E 5850N	244	285	1	0.68	80	780	10	82	0.27	135	< 10	124
R7400E 5900N	244	285	1	0.69	95	850	12	84	0.30	144	< 10	104
R7400E 5950N	244	285	< 1	0.69	92	780	14	94	0.30	152	< 10	108
R7400E 6000N	244	285	< 1	0.70	105	790	8	93	0.31	153	< 10	106
R7400E 6050N	244	285	< 1	0.65	107	770	10	88	0.29	147	< 10	120
R7400E 6100N	244	285	1	0.75	70	800	8	95	0.31	135	< 10	98
R7400E 6150N	244	285	< 1	1.16	42	810	4	270	0.21	95	< 10	80
R7400E 6200N	244	285	1	0.72	75	900	12	121	0.33	183	< 10	130
R7400E 6250N	244	285	1	0.82	38	760	4	142	0.31	147	< 10	82
R7400E 6300N	244	285	< 1	0.62	97	880	10	160	0.28	157	< 10	114
R7400E 6350N	244	285	< 1	0.63	77	860	8	159	0.20	114	< 10	80
R7400E 6400N	244	285	< 1	0.87	47	780	6	171	0.22	96	< 10	76
R7400E 6450N	244	285	< 1	0.85	72	540	8	168	0.22	113	< 10	76
R7400E 6500N	244	285	< 1	0.60	47	740	10	134	0.21	94	< 10	58
97YT5-001	244	285	2	0.72	147	510	162	78	0.21	100	< 10	1915

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

A9731965

Comments: ATTN: DAVID TERRY

CERTIFICATE A9731965

(GP W) - WESTMIN RESOURCES LTD.

Project: 6410 (SHIPPMENT 1R)
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 22-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	235	Pulp; prev. prepared at Chemex
285	235	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
578	233	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	233	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	233	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	233	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	233	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	233	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	233	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	233	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	233	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	233	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	233	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	233	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	233	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	233	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	233	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	233	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	233	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	233	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	233	Pb ppm: 24 element, rock & core	AAS	2	10000
582	233	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	233	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	233	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	233	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	233	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

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Project : 6410 (SHIPPMENT 1R)
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Page Number :1-A
Total Pages :6
Certificate Date: 22-JUL-97
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CERTIFICATE OF ANALYSIS A9731965

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)
R6200E 4275N	244	285	< 0.2	6.24	1070	1.5	< 2	0.98	1.0	1	43	34	1.31	0.67	0.44	220
R6200E 4300N	244	285	1.2	6.99	1160	1.5	< 2	1.16	< 0.5	2	34	36	1.58	0.88	0.47	265
R6200E 4325N	244	285	2.2	8.99	5430	2.5	< 2	0.64	7.0	39	57	105	9.03	1.22	0.63	1485
R6200E 4350N	244	285	1.2	6.41	2020	1.5	< 2	0.97	2.0	51	40	69	13.50	0.72	0.39	1785
R6200E 4375N	244	285	1.4	7.44	2950	2.0	< 2	0.82	3.0	50	166	69	10.25	0.91	0.49	1650
R6200E 4425N	244	285	1.8	6.48	3820	2.5	< 2	0.71	3.0	5	117	137	2.36	0.74	0.91	220
R6200E 4450N	244	285	0.4	5.22	1560	1.5	< 2	0.49	< 0.5	4	96	23	2.07	0.70	0.57	250
R6200E 4475N	244	285	1.0	7.99	4160	3.0	< 2	0.25	0.5	< 1	141	17	1.17	0.77	1.03	55
R6200E 4500N	244	285	1.8	6.01	1900	1.5	< 2	0.48	0.5	1	99	30	1.25	0.55	0.49	140
R6200E 4525N	244	285	2.4	4.35	710	0.5	< 2	1.33	3.0	3	30	69	1.27	0.29	0.42	210
R6200E 4550N	244	285	3.0	6.81	1270	1.5	< 2	1.21	6.5	21	86	140	2.48	0.50	0.58	1895
R6200E 4650N	244	285	1.2	2.28	540	0.5	< 2	1.53	23.0	38	14	126	2.01	0.21	0.29	6490
R6200E 4675N	244	285	< 0.2	5.89	730	0.5	< 2	1.52	2.0	7	31	65	1.70	0.34	0.61	420
R6200E 4700N	244	285	< 0.2	5.60	1250	1.0	< 2	0.74	< 0.5	10	67	20	1.98	0.69	0.94	935
R6200E 4775N	244	285	1.0	6.22	2420	1.5	< 2	0.75	1.5	16	131	100	373	0.43	1.80	745
R6200E 4825N	244	285	< 0.2	0.88	400	< 0.5	< 2	2.13	2.0	21	11	90	1.19	0.07	0.24	1560
R6200E 4850N	244	285	0.8	6.32	2470	2.5	< 2	0.47	2.0	11	102	101	2.62	1.06	1.01	350
R6200E 4875N	244	285	0.4	3.72	1200	1.0	< 2	1.17	1.0	13	81	49	2.25	0.49	0.71	1010
R6200E 5000N	244	285	< 0.2	3.47	760	0.5	< 2	1.86	1.5	9	64	36	1.72	0.38	0.77	1135
R6200E 5025N	244	285	0.4	3.43	1850	1.0	< 2	1.33	6.5	92	61	43	2.86	0.43	0.59	>10000
R6200E 5050N	244	285	0.4	5.54	1620	1.5	< 2	0.80	3.5	12	104	58	3.39	0.72	0.86	565
R6200E 5075N	244	285	0.4	5.97	880	1.0	< 2	1.21	< 0.5	9	42	38	2.15	0.66	0.69	800
R6200E 5225N	244	285	0.2	3.86	1360	1.0	< 2	1.63	2.5	15	65	51	2.01	0.54	0.78	5310
R6200E 5250N	244	285	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
R6200E 5275N	244	285	< 0.2	4.10	1440	1.0	< 2	1.20	4.0	29	85	36	4.05	0.58	0.80	5480
R6200E 5350N	244	285	0.2	5.12	1530	1.5	< 2	0.85	2.0	15	101	44	2.85	0.66	0.93	2770
R6200E 5450N	244	285	0.4	3.94	600	1.0	< 2	1.40	3.5	17	66	52	2.94	0.47	0.57	1865
R6200E 5475N	244	285	< 0.2	7.01	810	1.0	< 2	1.35	< 0.5	3	33	23	1.48	0.87	0.58	340
R6200E 5500N	244	285	< 0.2	5.12	920	1.0	< 2	0.70	< 0.5	16	184	34	2.94	0.53	1.58	460
R6200E 5525N	244	285	< 0.2	5.56	1030	1.0	< 2	0.72	< 0.5	15	195	31	3.31	0.58	1.76	540
R6200E 5550N	244	285	< 0.2	5.97	1230	1.5	< 2	0.81	< 0.5	21	220	55	3.65	0.69	2.18	710
R6200E 5600N	244	285	< 0.2	5.56	1030	1.0	< 2	0.94	< 0.5	18	206	37	3.34	0.57	2.09	535
R6200E 5625N	244	285	< 0.2	5.45	1080	1.0	< 2	0.78	< 0.5	22	271	38	3.27	0.58	2.64	665
R6200E 5650N	244	285	< 0.2	5.99	1260	1.5	< 2	0.65	< 0.5	24	291	56	3.63	0.71	2.56	895
R6200E 5700N	244	285	< 0.2	5.79	1140	1.5	< 2	0.71	< 0.5	20	215	49	3.32	0.47	2.01	720
R6200E 5725N	244	285	< 0.2	5.78	1060	1.5	< 2	0.78	< 0.5	16	160	37	3.34	0.62	1.76	505
R6200E 5750N	244	285	< 0.2	5.75	1050	1.0	< 2	0.83	< 0.5	20	224	53	3.49	0.60	2.18	530
R6200E 5775N	244	285	< 0.2	5.59	1020	1.0	< 2	0.85	< 0.5	18	185	30	3.36	0.56	1.81	595
R6200E 5800N	244	285	< 0.2	4.99	890	1.0	< 2	0.84	< 0.5	15	178	30	2.81	0.55	1.66	575
R6200E 5825N	244	285	< 0.2	6.34	1200	1.5	< 2	0.76	< 0.5	22	247	52	3.75	0.73	2.05	705

CERTIFICATION: Stuart Bichler

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

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Page Number :1-B
Total Pages :6
Certificate Date: 22-JUL-97
Invoice No. :I9731965
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9731965

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)				
R6200E 4275N	244	285	2	1.69	11	770	10	340	0.24	127	< 10	58				
R6200E 4300N	244	285	5	2.04	14	780	14	417	0.19	117	< 10	66				
R6200E 4325N	244	285	8	0.15	103	2720	78	76	1.03	316	< 10	848				
R6200E 4350N	244	285	4	0.28	95	1830	2	182	0.57	204	< 10	302				
R6200E 4375N	244	285	3	0.27	137	1710	12	182	0.44	204	< 10	208				
R6200E 4425N	244	285	3	0.27	52	2520	18	227	0.34	418	< 10	188				
R6200E 4450N	244	285	3	0.98	25	800	10	195	0.25	320	< 10	108				
R6200E 4475N	244	285	1	0.27	26	1190	20	130	0.33	436	< 10	66				
R6200E 4500N	244	285	4	0.95	19	720	8	187	0.40	560	< 10	70				
R6200E 4525N	244	285	3	1.30	19	1160	8	331	0.14	120	< 10	70				
R6200E 4550N	244	285	9	1.86	27	1740	16	439	0.25	378	< 10	138				
R6200E 4650N	244	285	12	0.59	56	1430	8	251	0.08	52	< 10	300				
R6200E 4675N	244	285	3	1.95	23	890	10	456	0.22	69	< 10	102				
R6200E 4700N	244	285	4	1.27	14	580	8	246	0.44	180	< 10	84				
R6200E 4775N	244	285	5	0.49	58	1400	14	103	0.41	392	< 10	210				
R6200E 4825N	244	285	3	0.07	49	1340	2	196	0.02	19	< 10	108				
R6200E 4850N	244	285	3	0.24	64	1110	12	68	0.30	210	< 10	188				
R6200E 4875N	244	285	3	0.40	38	1430	10	165	0.20	229	< 10	132				
R6200E 5000N	244	285	5	0.58	54	1280	8	193	0.16	114	< 10	122				
R6200E 5025N	244	285	56	0.31	131	1240	6	143	0.14	164	< 10	306				
R6200E 5050N	244	285	17	0.56	110	1320	6	128	0.27	281	< 10	246				
R6200E 5075N	244	285	6	1.82	35	1050	4	373	0.23	115	< 10	88				
R6200E 5225N	244	285	4	0.34	90	1390	6	150	0.16	171	< 10	318				
R6200E 5250N	244	285	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss				
R6200E 5275N	244	285	7	0.34	72	1670	4	127	0.19	192	< 10	304				
R6200E 5350N	244	285	4	0.57	82	1320	12	144	0.22	226	< 10	234				
R6200E 5450N	244	285	20	0.40	59	1410	6	153	0.14	196	< 10	156				
R6200E 5475N	244	285	3	2.59	14	340	4	523	0.20	52	< 10	58				
R6200E 5500N	244	285	2	0.75	128	920	6	107	0.38	149	< 10	78				
R6200E 5525N	244	285	2	0.84	127	660	6	108	0.37	167	< 10	76				
R6200E 5550N	244	285	< 1	0.83	190	830	8	105	0.43	177	< 10	96				
R6200E 5600N	244	285	1	0.81	140	810	6	107	0.36	153	< 10	86				
R6200E 5625N	244	285	1	0.88	231	870	8	102	0.37	149	< 10	82				
R6200E 5650N	244	285	< 1	0.71	278	800	8	83	0.36	176	< 10	112				
R6200E 5700N	244	285	< 1	0.70	181	760	10	84	0.41	162	< 10	84				
R6200E 5725N	244	285	1	0.83	115	720	6	88	0.40	177	< 10	96				
R6200E 5750N	244	285	1	0.85	170	740	10	87	0.40	164	< 10	92				
R6200E 5775N	244	285	1	0.88	124	750	10	93	0.39	161	< 10	90				
R6200E 5800N	244	285	< 1	0.88	134	850	4	105	0.40	137	< 10	70				
R6200E 5825N	244	285	< 1	0.86	220	780	6	93	0.42	182	< 10	106				

CERTIFICATION: Ian R Bradley

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

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Page . ber :2-A
Total Pages :6
Certificate Date: 22-JUL-97
Invoice No. : I9731965
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731965

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)
R6200E 5850N	244	285	< 0.2	5.04	1250	1.5	< 2	1.07	1.5	19	184	47	2.71	1.51	1.68	340
R6200E 5875N	244	285	< 0.2	4.63	1060	1.0	< 2	0.77	< 0.5	9	101	24	2.22	1.40	1.05	330
R6200E 6050N	244	285	< 0.2	4.41	1010	1.0	< 2	1.47	< 0.5	5	55	17	1.73	1.32	0.77	330
R6200E 6100N	244	285	< 0.2	3.41	770	0.5	< 2	3.09	1.0	4	26	20	1.01	0.92	0.48	705
R6200E 6150N	244	285	0.6	4.66	1180	1.0	< 2	2.47	< 0.5	9	83	46	2.16	1.10	0.75	700
R6200E 6200N	244	285	< 0.2	5.06	1300	1.5	< 2	1.03	< 0.5	7	84	24	2.01	1.53	1.00	350
R6200E 6250N	244	285	< 0.2	4.93	800	0.5	< 2	2.64	< 0.5	3	10	23	1.14	1.35	0.48	255
R6200E 6300N	244	285	< 0.2	4.82	1120	1.0	< 2	1.78	< 0.5	10	116	15	2.36	1.48	1.35	375
R6200E 6350N	244	285	< 0.2	5.23	1030	1.5	< 2	2.33	0.5	22	231	67	2.91	1.28	1.83	760
R6200E 6400N	244	285	0.8	3.63	1390	1.0	< 2	2.81	0.5	9	66	63	1.72	0.71	0.57	705
R6200E 6450N	244	285	< 0.2	5.29	700	0.5	< 2	2.94	< 0.5	6	28	48	1.49	1.43	0.62	645
R6200E 6500N	244	285	< 0.2	5.08	1160	1.0	< 2	1.36	< 0.5	8	84	31	1.94	1.47	0.86	440
R6300E 4300N	244	285	0.6	5.90	4030	2.0	< 2	0.51	3.5	7	76	85	2.55	1.87	0.73	140
R6300E 4350N	244	285	1.6	4.74	3160	2.0	< 2	0.85	2.0	4	609	160	2.62	1.73	0.47	105
R6300E 4400N	244	285	0.4	10.35	2860	3.0	< 2	0.57	< 0.5	19	111	87	4.97	1.99	0.69	345
R6300E 4500N	244	285	< 0.2	7.35	2600	2.0	< 2	0.38	0.5	11	90	41	3.31	2.96	0.75	835
R6300E 4550N	244	285	0.4	3.75	1690	1.0	< 2	0.06	< 0.5	< 1	87	6	0.84	1.49	0.41	35
R6300E 4600N	244	285	0.4	4.99	2160	1.5	< 2	0.36	1.5	7	82	43	2.90	1.92	1.12	225
R6300E 4650N	244	285	< 0.2	6.29	2210	1.5	< 2	0.72	3.5	12	100	77	2.69	2.04	1.27	585
R6300E 4700N	244	285	1.0	6.22	1760	1.5	< 2	0.84	0.5	14	100	43	3.30	1.80	1.30	540
R6300E 5550N	244	285	< 0.2	6.67	1360	1.5	< 2	0.80	< 0.5	19	183	46	3.81	1.82	1.89	460
R6300E 5600N	244	285	< 0.2	5.80	1180	1.0	< 2	1.01	< 0.5	20	248	26	3.61	1.36	2.32	570
R6300E 5650N	244	285	< 0.2	5.82	1330	1.5	< 2	0.94	< 0.5	24	232	45	3.60	1.63	2.45	880
R6300E 5700N	244	285	< 0.2	6.37	1330	1.5	< 2	0.78	< 0.5	26	283	57	4.13	1.73	2.82	655
R6300E 5750N	244	285	< 0.2	5.76	1100	1.5	< 2	1.31	< 0.5	19	137	44	3.31	1.38	1.77	555
R6300E 5800N	244	285	< 0.2	4.83	900	1.0	< 2	0.52	< 0.5	7	103	12	2.11	1.37	1.07	225
R6300E 5850N	244	285	< 0.2	6.14	1310	1.5	< 2	0.98	< 0.5	21	212	55	3.87	1.80	2.45	605
R6300E 5900N	244	285	< 0.2	5.35	1180	1.0	< 2	1.09	< 0.5	12	77	25	2.44	1.45	0.99	515
R6300E 5950N	244	285	< 0.2	4.90	1050	1.0	< 2	0.77	< 0.5	16	164	27	2.85	1.34	1.61	610
R6300E 6050N	244	285	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
R6300E 6100N	244	285	< 0.2	4.94	1220	1.0	< 2	1.26	0.5	9	94	28	2.26	1.44	0.94	740
R6300E 6150N	244	285	< 0.2	5.13	1300	1.0	< 2	1.22	< 0.5	6	87	21	2.14	1.35	0.93	280
R6300E 6200N	244	285	< 0.2	6.18	1830	2.0	< 2	1.17	< 0.5	12	123	71	2.96	1.49	0.99	885
R6300E 6250N	244	285	< 0.2	4.88	1340	1.0	< 2	0.97	0.5	9	95	17	2.10	1.28	0.95	395
R6300E 6300N	244	285	< 0.2	4.93	1160	1.0	< 2	0.88	< 0.5	8	114	13	2.21	1.19	1.19	265
R6300E 6400N	244	285	0.8	4.31	980	0.5	< 2	2.95	0.5	8	51	34	1.75	1.07	0.65	1335
R6300E 6450N	244	285	< 0.2	5.70	1280	1.0	< 2	0.62	< 0.5	10	124	19	2.56	1.40	1.15	300
R6300E 6500N	244	285	< 0.2	5.77	1240	1.5	< 2	1.32	< 0.5	10	101	18	2.62	1.74	1.12	425
R6400E 4300N	244	285	1.0	7.32	4430	2.5	< 2	0.17	0.5	< 1	97	8	1.04	1.67	0.70	60
R6400E 4350N	244	285	1.2	9.12	2520	3.0	< 2	0.44	0.5	8	122	196	3.78	1.80	0.88	145

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 22-JUL-97
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CERTIFICATE OF ANALYSIS A9731965

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)				
R6200E 5850N	244	285	< 1	0.71	201	710	12	95	0.28	140	< 10	128				
R6200E 5875N	244	285	< 1	0.83	74	890	10	104	0.28	121	< 10	86				
R6200E 6050N	244	285	< 1	0.93	29	940	8	176	0.20	89	< 10	64				
R6200E 6100N	244	285	2	0.91	20	800	2	249	0.12	43	< 10	46				
R6200E 6150N	244	285	2	0.66	85	1000	10	196	0.13	103	< 10	58				
R6200E 6200N	244	285	1	0.67	44	660	10	100	0.23	128	< 10	70				
R6200E 6250N	244	285	< 1	1.84	22	480	< 2	418	0.14	29	< 10	34				
R6200E 6300N	244	285	< 1	0.80	54	660	8	130	0.24	126	< 10	70				
R6200E 6350N	244	285	< 1	0.81	192	1010	4	130	0.22	120	< 10	130				
R6200E 6400N	244	285	< 1	0.58	53	1610	6	130	0.16	76	< 10	46				
R6200E 6450N	244	285	1	1.84	45	780	4	410	0.17	48	< 10	44				
R6200E 6500N	244	285	< 1	1.01	58	490	8	176	0.22	102	< 10	56				
R6300E 4300N	244	285	8	0.41	57	1990	26	362	0.23	405	< 10	294				
R6300E 4350N	244	285	23	0.54	150	4520	40	202	0.23	1485	< 10	364				
R6300E 4400N	244	285	2	0.41	105	770	8	82	0.37	161	< 10	530				
R6300E 4500N	244	285	3	0.42	57	1120	6	103	0.31	85	< 10	776				
R6300E 4550N	244	285	1	0.11	7	300	30	30	0.22	147	< 10	40				
R6300E 4600N	244	285	6	0.40	33	1090	6	67	0.28	167	< 10	122				
R6300E 4650N	244	285	3	0.81	35	890	4	160	0.38	197	< 10	140				
R6300E 4700N	244	285	7	1.12	27	1580	8	214	0.38	556	< 10	104				
R6300E 5550N	244	285	< 1	0.76	144	830	10	104	0.44	159	< 10	108				
R6300E 5600N	244	285	< 1	1.03	163	870	6	114	0.43	154	< 10	82				
R6300E 5650N	244	285	< 1	0.78	226	770	8	96	0.40	159	< 10	90				
R6300E 5700N	244	285	< 1	0.84	300	1140	4	82	0.49	187	< 10	94				
R6300E 5750N	244	285	< 1	1.02	95	750	8	120	0.37	157	< 10	78				
R6300E 5800N	244	285	< 1	0.84	45	470	4	93	0.29	128	< 10	48				
R6300E 5850N	244	285	< 1	0.87	200	810	14	98	0.42	175	< 10	100				
R6300E 5900N	244	285	< 1	1.07	52	700	8	183	0.22	110	< 10	60				
R6300E 5950N	244	285	< 1	0.84	108	680	8	99	0.35	133	< 10	66				
R6300E 6050N	244	285	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss				
R6300E 6100N	244	285	2	0.77	64	820	10	144	0.23	123	< 10	84				
R6300E 6150N	244	285	< 1	0.64	41	710	8	111	0.25	139	< 10	82				
R6300E 6200N	244	285	3	0.50	106	870	16	117	0.27	186	< 10	106				
R6300E 6250N	244	285	2	0.70	46	590	6	99	0.25	128	< 10	70				
R6300E 6300N	244	285	< 1	0.76	57	510	8	96	0.29	119	< 10	62				
R6300E 6400N	244	285	2	0.86	35	890	4	231	0.16	75	< 10	62				
R6300E 6450N	244	285	< 1	0.81	67	340	10	92	0.29	130	< 10	70				
R6300E 6500N	244	285	1	0.75	48	750	8	104	0.25	114	< 10	70				
R6400E 4300N	244	285	< 1	0.44	11	650	6	96	0.35	142	< 10	30				
R6400E 4350N	244	285	7	0.15	76	2740	10	85	0.45	333	< 10	462				

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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Project : 6410 (SHIPPMENT 1R)
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Page Number :3-A
Total Pages :6
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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)
R6400E 4400N	244 285	1.4	7.08	1870	2.0	< 2	1.37	7.0	5	179	40	3.72	1.82	0.54	235
R6400E 4450N	244 285	1.6	5.05	2740	2.0	< 2	0.11	1.0	< 1	280	16	1.16	1.97	0.59	40
R6400E 4500N	244 285	< 0.2	7.78	2310	2.5	< 2	0.51	0.5	13	122	73	4.11	2.42	0.78	320
R6400E 4600N	244 285	< 0.2	6.95	1930	1.5	< 2	0.34	< 0.5	31	86	141	7.16	1.50	2.50	570
R6400E 4650N	244 285	< 0.2	7.04	1710	1.5	< 2	0.23	< 0.5	26	103	106	6.49	1.49	1.91	640
R6400E 4850N	244 285	< 0.2	5.89	1700	1.5	< 2	0.80	< 0.5	14	92	49	2.89	2.02	0.90	1175
R6400E 4900N	244 285	< 0.2	6.03	2340	2.0	< 2	0.88	< 0.5	9	74	53	2.47	2.64	1.08	225
R6400E 5350N	244 285	< 0.2	5.94	1430	1.5	< 2	1.08	0.5	17	196	63	3.09	1.65	2.00	475
R6400E 5600N	244 285	0.4	5.28	2100	1.5	< 2	1.13	2.0	24	101	67	4.13	1.64	1.00	4030
R6400E 5650N	244 285	0.2	5.14	1850	1.5	< 2	1.15	2.5	22	103	47	3.99	1.41	0.98	5460
R6400E 5700N	244 285	< 0.2	5.93	1180	1.0	< 2	1.05	< 0.5	23	219	43	3.83	1.54	2.32	690
R6400E 5750N	244 285	< 0.2	5.25	1040	1.0	< 2	1.05	< 0.5	18	169	33	3.01	1.43	1.60	750
R6400E 5850N	244 285	< 0.2	5.31	980	1.0	< 2	0.96	< 0.5	18	181	28	3.33	1.39	2.17	465
R6400E 5900N	244 285	< 0.2	5.02	1150	1.0	< 2	0.35	< 0.5	4	78	12	1.96	1.60	0.81	235
R6400E 5950N	244 285	< 0.2	4.72	1070	1.0	< 2	0.68	< 0.5	11	117	22	2.60	1.22	1.26	440
R6400E 6150N	244 285	< 0.2	5.71	1690	1.5	< 2	1.03	< 0.5	11	100	34	2.46	1.55	0.95	810
R6400E 6200N	244 285	< 0.2	4.88	1200	1.5	< 2	0.99	< 0.5	8	90	22	2.17	1.42	1.01	325
R6400E 6250N	244 285	< 0.2	4.95	1080	1.0	< 2	0.35	0.5	5	93	14	2.39	1.49	0.96	235
R6400E 6300N	244 285	< 0.2	4.75	1220	1.0	< 2	1.64	< 0.5	11	114	18	2.41	1.36	1.22	510
R6400E 6450N	244 285	< 0.2	5.57	1330	1.5	< 2	1.33	< 0.5	10	128	21	2.80	1.72	1.36	410
R6400E 6500N	244 285	0.4	5.60	1370	1.5	< 2	1.28	< 0.5	16	168	47	2.97	1.62	1.66	900
R6500E 4300N	244 285	< 0.2	6.67	3280	2.0	< 2	0.08	0.5	10	58	25	2.77	2.56	0.74	370
R6500E 4350N	244 285	< 0.2	5.82	710	0.5	< 2	2.61	< 0.5	4	11	15	1.41	1.71	0.57	320
R6500E 4400N	244 285	< 0.2	7.72	140	0.5	< 2	0.35	< 0.5	39	313	204	7.25	0.30	4.28	475
R6500E 4450N	244 285	< 0.2	7.17	1460	1.5	< 2	0.22	< 0.5	8	82	21	3.94	2.03	0.94	305
R6500E 4500N	244 285	< 0.2	7.28	690	0.5	< 2	0.30	< 0.5	25	111	62	6.38	0.89	2.88	565
R6500E 4550N	244 285	< 0.2	5.52	1660	1.0	< 2	0.86	< 0.5	11	44	51	3.14	1.89	1.16	335
R6500E 4600N	244 285	< 0.2	7.04	2200	1.5	< 2	0.68	0.5	21	110	108	5.59	2.06	2.42	465
R6500E 4650N	244 285	< 0.2	5.74	1530	1.5	< 2	1.02	0.5	11	80	58	3.29	1.79	1.25	330
R6500E 4750N	244 285	0.6	4.65	1750	1.0	< 2	1.47	1.0	8	93	40	1.71	1.50	0.78	985
R6500E 4850N	244 285	< 0.2	4.92	1030	0.5	< 2	1.57	3.5	8	41	56	1.46	1.43	0.57	1065
R6500E 5000N	244 285	0.4	5.72	1860	1.5	< 2	1.30	2.5	8	69	60	2.42	1.87	0.82	630
R6500E 5100N	244 285	< 0.2	5.62	1540	1.5	< 2	0.89	0.5	17	203	42	2.82	1.83	1.96	485
R6500E 5400N	244 285	0.4	3.60	1440	0.5	< 2	1.23	8.0	53	67	59	4.88	1.08	0.55	5100
R6500E 5500N	244 285	0.2	4.60	1540	1.5	< 2	0.95	2.5	11	82	52	2.35	1.46	0.81	240
R6500E 5550N	244 285	< 0.2	7.16	1180	1.5	< 2	1.58	0.5	8	36	37	2.43	2.16	0.69	1365
R6500E 5650N	244 285	< 0.2	4.22	1480	1.0	< 2	1.04	2.5	12	95	48	1.91	1.18	0.82	755
R6500E 5700N	244 285	< 0.2	3.05	1280	0.5	< 2	1.77	3.5	11	61	39	1.88	0.88	0.52	5370
R6500E 5750N	244 285	< 0.2	4.97	1100	1.5	< 2	0.63	0.5	13	119	22	2.33	1.39	1.16	330
R6500E 5800N	244 285	< 0.2	5.72	880	1.0	< 2	1.34	< 0.5	8	61	27	2.12	1.52	0.76	455

CERTIFICATION: Stuart Buchler

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

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 22-JUL-97
Invoice No. : I9731965
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731965

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)
R6400E 4400N	244	285	7	0.55	31	9920	36	463	0.37	872	< 10	162
R6400E 4450N	244	285	9	0.27	31	1240	34	171	0.28	546	< 10	76
R6400E 4500N	244	285	3	0.18	68	1550	6	58	0.35	169	< 10	262
R6400E 4600N	244	285	5	0.34	70	950	6	45	0.80	275	< 10	210
R6400E 4650N	244	285	4	0.49	69	870	6	58	0.61	282	< 10	190
R6400E 4850N	244	285	5	0.59	46	1260	8	134	0.28	206	< 10	108
R6400E 4900N	244	285	6	0.13	47	880	10	59	0.24	108	< 10	60
R6400E 5350N	244	285	3	0.78	148	810	14	114	0.37	178	< 10	136
R6400E 5600N	244	285	6	0.49	97	1540	12	147	0.24	273	< 10	278
R6400E 5650N	244	285	6	0.61	74	1490	10	166	0.24	220	< 10	252
R6400E 5700N	244	285	3	0.95	163	860	8	103	0.43	165	< 10	90
R6400E 5750N	244	285	< 1	0.92	140	810	6	130	0.35	132	< 10	88
R6400E 5850N	244	285	< 1	1.06	132	780	6	95	0.42	139	< 10	72
R6400E 5900N	244	285	1	0.65	31	500	8	63	0.26	154	< 10	88
R6400E 5950N	244	285	< 1	0.80	73	740	6	87	0.32	129	< 10	64
R6400E 6150N	244	285	4	0.68	59	590	12	108	0.23	159	< 10	84
R6400E 6200N	244	285	2	0.67	49	630	8	103	0.23	128	< 10	64
R6400E 6250N	244	285	1	0.64	39	260	10	66	0.28	145	< 10	68
R6400E 6300N	244	285	1	0.72	55	860	10	126	0.24	112	< 10	74
R6400E 6450N	244	285	1	0.82	68	800	12	109	0.29	125	< 10	82
R6400E 6500N	244	285	1	0.80	112	690	10	108	0.29	155	< 10	118
R6500E 4300N	244	285	5	0.15	51	360	18	24	0.33	81	< 10	226
R6500E 4350N	244	285	3	2.12	7	550	8	504	0.17	35	< 10	74
R6500E 4400N	244	285	4	0.95	140	660	< 2	65	0.33	216	< 10	140
R6500E 4450N	244	285	2	0.81	25	460	8	74	0.37	156	< 10	92
R6500E 4500N	244	285	3	0.92	54	690	2	90	0.46	225	< 10	114
R6500E 4550N	244	285	3	0.83	19	1040	2	181	0.36	116	< 10	78
R6500E 4600N	244	285	6	0.67	66	1510	4	82	0.65	287	< 10	202
R6500E 4650N	244	285	4	0.64	44	1110	6	142	0.39	194	< 10	144
R6500E 4750N	244	285	3	0.83	29	1650	10	249	0.23	343	< 10	116
R6500E 4850N	244	285	3	1.25	31	1270	6	306	0.17	109	< 10	132
R6500E 5000N	244	285	5	0.50	41	1110	10	167	0.20	117	< 10	138
R6500E 5100N	244	285	1	0.60	174	890	12	98	0.27	179	< 10	154
R6500E 5400N	244	285	30	0.38	70	1890	6	138	0.12	160	< 10	352
R6500E 5500N	244	285	3	0.48	52	1250	8	117	0.19	206	< 10	212
R6500E 5550N	244	285	4	2.50	27	810	8	504	0.21	96	< 10	124
R6500E 5650N	244	285	3	0.50	57	1230	12	148	0.23	219	< 10	142
R6500E 5700N	244	285	5	0.36	69	1400	4	154	0.12	127	< 10	318
R6500E 5750N	244	285	1	0.72	84	690	14	84	0.28	135	< 10	108
R6500E 5800N	244	285	3	1.66	50	900	6	326	0.21	83	< 10	76

CERTIFICATION: Stan J. Beadle

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

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 22-JUL-97
Invoice No. : I9731965
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731965

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)
R6500E 5850N	244	285	< 0.2	4.54	810	0.5	< 2	0.92	< 0.5	13	158	23	2.71	1.13	1.76	465
R6500E 5900N	244	285	< 0.2	4.96	1010	1.0	< 2	0.90	< 0.5	13	155	26	3.05	1.20	1.78	515
R6500E 5950N	244	285	< 0.2	5.01	950	1.0	< 2	0.89	< 0.5	13	159	25	2.94	1.31	1.69	460
R6500E 6000N	244	285	< 0.2	5.18	1130	1.0	< 2	0.66	< 0.5	5	92	11	2.03	1.47	0.81	235
R6500E 6050N	244	285	< 0.2	7.28	1030	1.5	< 2	1.44	< 0.5	6	41	24	2.12	1.99	0.71	480
R6500E 6150N	244	285	< 0.2	4.55	1150	1.0	< 2	1.91	0.5	15	142	35	2.36	1.56	1.74	540
R6500E 6200N	244	285	< 0.2	3.79	640	0.5	< 2	3.18	< 0.5	3	17	20	1.03	0.96	0.41	495
R6500E 6250N	244	285	< 0.2	3.96	870	0.5	< 2	3.09	< 0.5	5	51	35	1.26	1.03	0.51	405
R6500E 6350N	244	285	< 0.2	4.04	1060	0.5	< 2	2.66	0.5	8	69	28	1.50	1.02	0.74	765
R6500E 6450N	244	285	< 0.2	3.99	600	0.5	< 2	3.45	1.0	1	9	18	0.94	1.02	0.42	480
R6500E 6500N	244	285	< 0.2	2.76	500	< 0.5	< 2	3.86	1.5	1	7	21	0.70	0.68	0.31	225
R6600E 4300N	244	285	< 0.2	5.68	1700	1.5	< 2	1.24	3.0	7	70	51	2.06	2.25	0.90	745
R6600E 4350N	244	285	< 0.2	2.86	360	< 0.5	< 2	3.23	0.5	1	6	30	0.61	0.74	0.29	295
R6600E 4400N	244	285	< 0.2	7.26	2000	1.0	< 2	0.60	< 0.5	45	320	65	6.70	1.14	2.89	875
R6600E 4450N	244	285	< 0.2	6.56	1100	1.0	< 2	0.57	< 0.5	11	86	46	3.76	1.62	1.49	310
R6600E 4500N	244	285	< 0.2	6.28	1090	0.5	< 2	0.54	< 0.5	17	105	32	5.20	0.97	2.18	530
R6600E 4550N	244	285	< 0.2	6.92	1690	1.0	< 2	0.54	< 0.5	14	113	55	4.14	1.96	1.15	335
R6600E 4600N	244	285	< 0.2	7.17	1920	1.5	< 2	0.68	0.5	23	104	138	5.88	2.09	2.19	480
R6600E 4700N	244	285	1.0	2.54	1760	0.5	< 2	1.85	2.0	4	85	36	1.10	0.76	0.54	285
R6600E 4800N	244	285	0.4	4.72	750	0.5	< 2	0.66	0.5	2	76	12	1.53	1.10	0.57	190
R6600E 4850N	244	285	< 0.2	4.95	6190	1.5	< 2	0.31	1.5	12	94	75	3.26	1.83	0.78	290
R6600E 4900N	244	285	0.4	6.15	2620	1.5	< 2	0.71	1.5	14	102	100	4.04	1.87	1.33	605
R6600E 4950N	244	285	< 0.2	7.24	1530	1.5	< 2	0.71	< 0.5	30	193	185	6.50	1.55	3.37	805
R6600E 5000N	244	285	0.6	3.12	1800	0.5	< 2	0.92	35.0	67	54	109	4.60	0.66	0.81	9470
R6600E 5050N	244	285	< 0.2	0.89	360	< 0.5	< 2	1.55	5.0	3	7	47	0.54	0.18	0.18	1070
R6600E 5100N	244	285	< 0.2	0.92	1150	< 0.5	< 2	1.14	12.0	26	14	58	2.80	0.12	0.15	9160
R6600E 5150N	244	285	< 0.2	3.88	560	0.5	< 2	1.77	0.5	3	10	28	1.10	1.02	0.41	330
R6600E 5300N	244	285	0.8	5.82	1670	1.5	< 2	1.08	3.0	16	165	64	2.87	1.56	1.50	885
R6600E 5450N	244	285	0.4	5.71	1490	1.5	< 2	0.99	2.0	7	81	56	2.80	1.60	0.71	340
R6600E 5500N	244	285	< 0.2	5.64	1160	1.0	< 2	0.80	< 0.5	20	242	38	364	1.37	2.76	600
R6600E 5550N	244	285	< 0.2	5.23	1050	1.0	< 2	1.10	< 0.5	18	205	34	2.98	1.34	2.09	710
R6600E 5600N	244	285	< 0.2	5.76	1120	1.0	< 2	1.15	< 0.5	17	210	41	3.24	1.50	2.29	630
R6600E 5650N	244	285	< 0.2	5.22	1200	1.5	< 2	1.14	< 0.5	16	135	41	3.00	1.45	1.41	710
R6600E 5750N	244	285	< 0.2	4.31	880	1.0	< 2	0.61	< 0.5	7	71	11	2.08	1.26	0.81	395
R6600E 5800N	244	285	1.0	4.24	940	0.5	2	2.06	1.0	25	84	35	2.16	0.86	0.74	1985
R6600E 5850N	244	285	< 0.2	4.70	940	1.0	< 2	0.85	< 0.5	11	116	15	2.54	1.28	1.31	400
R6600E 5900N	244	285	< 0.2	5.30	940	0.5	< 2	1.39	0.5	12	68	23	2.04	1.31	0.78	1150
R6600E 5950N	244	285	< 0.2	4.05	1170	1.0	< 2	1.53	< 0.5	8	92	25	2.37	1.10	0.93	545
R6600E 6000N	244	285	< 0.2	4.64	1060	1.0	< 2	2.01	2.0	8	125	28	1.67	1.27	0.87	530
R6600E 6300N	244	285	< 0.2	4.68	920	0.5	< 2	1.94	< 0.5	8	72	21	2.00	1.30	0.93	465

CERTIFICATION:

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Certificate Date: 22-JUL-97
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CERTIFICATE OF ANALYSIS A9731965

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)
R6500E 5850N	244	285	< 1	0.97	114	830	6	99	0.39	120	< 10	66
R6500E 5900N	244	285	< 1	0.93	111	720	6	97	0.34	125	< 10	68
R6500E 5950N	244	285	1	0.93	105	770	8	94	0.40	129	< 10	68
R6500E 6000N	244	285	3	0.87	40	650	8	126	0.27	130	< 10	62
R6500E 6050N	244	285	2	2.52	34	560	4	515	0.21	65	< 10	62
R6500E 6150N	244	285	< 1	0.71	71	1190	8	204	0.26	139	< 10	116
R6500E 6200N	244	285	1	1.25	14	570	6	328	0.13	33	< 10	38
R6500E 6250N	244	285	1	0.95	32	560	8	243	0.17	66	< 10	36
R6500E 6350N	244	285	1	0.78	60	920	6	193	0.15	69	< 10	60
R6500E 6450N	244	285	< 1	1.45	15	810	6	355	0.12	25	< 10	54
R6500E 6500N	244	285	1	0.97	19	800	2	262	0.08	17	< 10	48
R6600E 4300N	244	285	3	0.41	44	1330	4	144	0.26	114	< 10	226
R6600E 4350N	244	285	< 1	0.99	10	840	2	369	0.07	13	< 10	72
R6600E 4400N	244	285	1	1.95	156	1130	< 2	84	0.67	226	< 10	102
R6600E 4450N	244	285	3	1.16	36	680	4	190	0.33	193	< 10	102
R6600E 4500N	244	285	1	1.69	40	470	2	93	0.78	249	< 10	82
R6600E 4550N	244	285	4	0.96	38	630	4	148	0.54	244	< 10	106
R6600E 4600N	244	285	4	0.81	78	1950	2	89	0.58	261	< 10	192
R6600E 4700N	244	285	5	0.28	32	1870	8	218	0.14	376	< 10	130
R6600E 4800N	244	285	1	0.84	15	520	6	119	0.40	150	< 10	82
R6600E 4850N	244	285	6	0.21	86	1300	4	68	0.31	160	< 10	256
R6600E 4900N	244	285	5	0.48	61	1970	4	140	0.44	230	< 10	166
R6600E 4950N	244	285	5	0.48	130	2170	< 2	81	0.79	291	< 10	168
R6600E 5000N	244	285	11	0.26	113	1750	< 2	113	0.14	97	< 10	824
R6600E 5050N	244	285	4	0.22	46	1260	< 2	138	0.03	8	< 10	228
R6600E 5100N	244	285	16	0.10	56	1390	< 2	91	0.02	19	< 10	388
R6600E 5150N	244	285	4	1.41	23	810	2	359	0.12	25	< 10	152
R6600E 5300N	244	285	10	0.82	105	1160	14	204	0.37	244	< 10	266
R6600E 5450N	244	285	6	1.16	49	1430	12	244	0.24	178	< 10	140
R6600E 5500N	244	285	< 1	0.86	227	900	8	102	0.40	145	< 10	80
R6600E 5550N	244	285	3	0.99	180	930	2	159	0.32	122	< 10	92
R6600E 5600N	244	285	2	1.06	193	870	4	166	0.39	143	< 10	100
R6600E 5650N	244	285	3	0.85	100	900	8	128	0.33	156	< 10	120
R6600E 5750N	244	285	2	0.77	35	410	6	101	0.27	111	< 10	112
R6600E 5800N	244	285	3	0.70	65	1750	16	193	0.12	87	< 10	100
R6600E 5850N	244	285	2	0.95	60	780	6	98	0.37	121	< 10	70
R6600E 5900N	244	285	1	1.10	45	1030	6	213	0.19	94	< 10	118
R6600E 5950N	244	285	4	0.55	55	900	8	123	0.20	115	< 10	70
R6600E 6000N	244	285	3	0.98	79	940	6	238	0.20	90	< 10	116
R6600E 6300N	244	285	4	1.03	41	850	8	219	0.19	79	< 10	54

CERTIFICATION: Ian Buchlan

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

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 22-JUL-97
Invoice No. : I9731965
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731965

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)
R6600E 6350N	244	285	< 0.2	5.28	1200	1.5	< 2	1.01	< 0.5	11	114	24	2.60	1.51	1.17	470
R6600E 6400N	244	285	< 0.2	5.09	1300	1.5	< 2	1.25	1.0	11	134	50	2.51	1.49	1.29	330
R6600E 6450N	244	285	< 0.2	4.06	840	0.5	< 2	1.68	< 0.5	9	95	16	1.89	1.18	1.04	345
R6600E 6500N	244	285	< 0.2	5.68	1320	1.0	2	1.47	0.5	14	144	32	2.54	1.47	1.24	715
R6700E 4400N	244	285	< 0.2	3.65	760	0.5	< 2	2.11	1.0	3	21	29	1.05	0.99	0.36	870
R6700E 4450N	244	285	< 0.2	4.59	530	0.5	< 2	3.42	< 0.5	3	7	114	0.98	1.26	0.36	245
R6700E 4500N	244	285	< 0.2	6.81	1000	0.5	< 2	0.42	< 0.5	31	110	101	7.42	0.77	2.81	845
R6700E 4550N	244	285	< 0.2	6.23	1560	1.5	< 2	0.54	< 0.5	23	109	156	5.47	1.37	2.30	705
R6700E 4600N	244	285	< 0.2	5.46	760	0.5	< 2	0.69	< 0.5	5	45	35	2.15	1.52	0.53	210
R6700E 4650N	244	285	< 0.2	4.73	1200	1.0	< 2	0.50	< 0.5	9	120	37	3.29	1.30	1.03	355
R6700E 4700N	244	285	0.4	5.57	910	1.0	< 2	0.69	< 0.5	5	102	17	2.40	1.43	0.81	255
R6700E 4750N	244	285	0.6	3.96	1230	1.0	< 2	0.33	0.5	4	105	28	2.23	1.13	0.59	145
R6700E 4800N	244	285	0.4	4.46	1820	1.5	< 2	0.45	0.5	11	121	96	2.91	1.63	1.02	290
R6700E 4850N	244	285	< 0.2	6.51	2150	1.5	< 2	1.13	< 0.5	25	87	130	5.71	1.65	2.02	585
R6700E 4900N	244	285	< 0.2	6.38	1210	1.0	< 2	0.40	< 0.5	18	150	80	4.93	1.30	2.56	525
R6700E 4950N	244	285	< 0.2	6.17	1680	1.5	< 2	0.71	< 0.5	21	167	135	5.19	1.49	2.48	685
R6700E 5000N	244	285	< 0.2	6.16	1910	1.5	< 2	0.77	< 0.5	14	150	40	3.04	1.82	1.53	530
R6700E 5050N	244	285	< 0.2	5.40	1340	1.5	< 2	0.73	< 0.5	11	130	44	2.69	1.59	1.22	370
R6700E 5100N	244	285	0.4	5.52	1780	1.5	< 2	0.98	2.0	16	155	83	2.80	1.71	1.47	580
R6700E 5150N	244	285	< 0.2	6.00	1520	1.5	< 2	0.76	< 0.5	19	214	67	3.29	1.67	1.93	795
R6700E 5200N	244	285	< 0.2	6.13	1380	1.0	2	0.96	1.5	20	222	37	2.74	1.41	1.62	370
R6700E 5250N	244	285	< 0.2	6.10	1320	1.0	< 2	0.96	1.0	20	266	30	3.06	1.38	2.05	430
R6700E 5400N	244	285	< 0.2	7.42	1090	1.5	< 2	0.64	< 0.5	16	177	27	3.56	1.51	1.85	485
R6700E 5450N	244	285	< 0.2	6.50	1250	0.5	< 2	0.83	< 0.5	23	255	31	3.50	1.35	2.81	725
R6700E 5500N	244	285	< 0.2	5.35	1060	1.0	2	0.58	< 0.5	18	231	22	2.70	1.22	2.35	380
R6700E 5550N	244	285	< 0.2	6.79	1360	1.5	< 2	0.83	0.5	27	263	44	3.53	1.67	2.71	665
R6700E 5600N	244	285	< 0.2	5.59	1150	1.0	< 2	1.07	0.5	11	105	28	2.43	1.37	1.26	330
R6700E 5650N	244	285	< 0.2	5.22	1250	1.0	< 2	1.30	1.0	15	111	31	2.49	1.31	1.13	590
R6700E 5800N	244	285	< 0.2	5.23	1210	1.0	< 2	0.63	< 0.5	11	134	20	2.44	1.26	1.36	350
R6700E 5850N	244	285	< 0.2	5.26	1230	1.0	< 2	0.83	0.5	12	104	16	2.12	1.31	1.14	375
R6700E 5900N	244	285	< 0.2	4.92	1190	1.0	< 2	0.68	< 0.5	9	105	23	1.92	1.32	1.05	205
R6700E 5950N	244	285	< 0.2	5.70	1270	0.5	< 2	2.11	< 0.5	9	66	24	1.61	1.40	0.75	575
R6700E 6000N	244	285	< 0.2	6.84	1750	1.5	< 2	0.90	0.5	15	167	41	2.75	1.75	1.45	350
R6700E 6200N	244	285	< 0.2	5.59	1530	1.0	< 2	1.66	1.0	13	124	35	2.29	1.42	1.15	235
R6700E 6250N	244	285	< 0.2	5.47	1150	1.0	< 2	1.25	< 0.5	12	112	13	2.14	1.51	1.16	350
R6700E 6300N	244	285	< 0.2	5.92	1230	1.0	< 2	1.46	0.5	16	140	31	2.88	1.49	1.30	495
R6700E 6350N	244	285	< 0.2	4.61	900	0.5	< 2	2.36	0.5	9	95	18	1.70	1.14	1.07	600
R6700E 6400N	244	285	< 0.2	5.15	1120	1.0	< 2	2.22	0.5	13	108	36	1.94	1.33	1.07	510
R6700E 6450N	244	285	< 0.2	6.23	1500	1.5	< 2	0.96	< 0.5	18	150	34	2.98	1.71	1.54	605
R6700E 6500N	244	285	< 0.2	6.20	1120	1.0	< 2	1.32	< 0.5	11	116	18	2.41	1.52	1.00	285

CERTIFICATION:

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 22-JUL-97
Invoice No. : I9731965
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731965

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)
R6600E 6350N	244 285	3	0.80	68	760	10	128	0.27	124	< 10	78
R6600E 6400N	244 285	2	0.63	97	780	10	96	0.28	165	< 10	92
R6600E 6450N	244 285	3	0.76	58	710	6	151	0.19	82	< 10	66
R6600E 6500N	244 285	3	0.61	68	660	10	100	0.24	160	< 10	118
R6700E 4400N	244 285	3	1.14	18	870	4	323	0.10	46	< 10	54
R6700E 4450N	244 285	3	1.70	9	620	2	475	0.11	22	< 10	30
R6700E 4500N	244 285	1	1.25	63	730	< 2	69	0.78	278	< 10	110
R6700E 4550N	244 285	5	0.73	89	1520	6	88	0.57	240	< 10	160
R6700E 4600N	244 285	3	1.13	22	760	8	190	0.38	132	< 10	96
R6700E 4650N	244 285	5	0.45	56	1750	10	86	0.30	206	< 10	110
R6700E 4700N	244 285	4	1.03	32	760	10	156	0.36	170	< 10	90
R6700E 4750N	244 285	5	0.38	31	1240	10	179	0.25	265	< 10	182
R6700E 4800N	244 285	5	0.34	85	1080	8	105	0.30	160	< 10	116
R6700E 4850N	244 285	3	0.65	72	1760	< 2	119	0.78	240	< 10	164
R6700E 4900N	244 285	4	0.70	76	1510	4	75	0.59	240	< 10	108
R6700E 4950N	244 285	3	0.52	114	1970	6	89	0.66	267	< 10	144
R6700E 5000N	244 285	4	0.59	111	710	4	88	0.31	181	< 10	108
R6700E 5050N	244 285	1	0.78	91	1090	10	125	0.29	152	< 10	116
R6700E 5100N	244 285	3	0.59	131	1110	10	105	0.32	282	< 10	154
R6700E 5150N	244 285	3	0.63	194	780	8	86	0.34	192	< 10	112
R6700E 5200N	244 285	3	0.68	143	790	10	90	0.29	180	< 10	106
R6700E 5250N	244 285	2	0.78	142	780	10	87	0.35	182	< 10	138
R6700E 5400N	244 285	< 1	1.01	101	570	8	138	0.38	153	< 10	78
R6700E 5450N	244 285	< 1	1.00	195	970	6	113	0.36	165	< 10	78
R6700E 5500N	244 285	< 1	0.74	188	640	6	77	0.31	144	10	60
R6700E 5550N	244 285	2	0.73	198	880	10	83	0.35	177	< 10	110
R6700E 5600N	244 285	< 1	0.72	58	870	12	99	0.29	156	< 10	90
R6700E 5650N	244 285	1	0.80	119	1080	14	150	0.21	139	< 10	126
R6700E 5800N	244 285	< 1	0.68	86	570	8	71	0.26	145	< 10	74
R6700E 5850N	244 285	1	0.77	47	830	12	91	0.25	138	< 10	78
R6700E 5900N	244 285	2	0.67	63	970	6	85	0.26	144	< 10	86
R6700E 5950N	244 285	< 1	1.56	59	740	6	335	0.17	71	< 10	66
R6700E 6000N	244 285	< 1	0.67	97	660	16	92	0.28	192	< 10	100
R6700E 6200N	244 285	< 1	0.61	74	890	10	104	0.22	139	< 10	86
R6700E 6250N	244 285	1	0.71	52	950	14	98	0.24	130	< 10	86
R6700E 6300N	244 285	3	0.88	95	760	12	143	0.23	138	< 10	86
R6700E 6350N	244 285	1	0.69	50	760	6	141	0.16	86	< 10	64
R6700E 6400N	244 285	1	0.71	84	800	8	136	0.19	110	< 10	66
R6700E 6450N	244 285	2	0.68	97	850	12	84	0.26	151	< 10	82
R6700E 6500N	244 285	2	0.94	52	290	10	143	0.24	126	< 10	60

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 22-JUL-97
Invoice No. :I9731965
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9731965

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)
R6800E 4450N	244	285	< 0.2	6.30	990	0.5	2	0.93	< 0.5	22	111	47	4.18	1.01	1.28	420
R6800E 4500N	244	285	< 0.2	6.69	1570	1.0	2	1.51	< 0.5	29	80	166	5.58	1.33	1.63	420
R6800E 4550N	244	285	< 0.2	6.44	960	1.0	2	0.67	< 0.5	19	73	71	3.73	1.54	1.03	395
R6800E 4600N	244	285	< 0.2	4.95	960	0.5	2	0.58	< 0.5	7	82	14	2.19	1.31	0.73	270
R6800E 4650N	244	285	< 0.2	6.14	1110	1.0	< 2	0.66	0.5	7	76	32	1.84	1.94	0.61	195
R6800E 4700N	244	285	< 0.2	4.91	1090	0.5	2	0.38	< 0.5	7	119	33	2.36	1.40	0.77	170
R6800E 4750N	244	285	< 0.2	3.72	950	0.5	< 2	0.29	< 0.5	4	84	23	1.30	1.25	0.44	85
R6800E 4800N	244	285	< 0.2	6.14	1580	1.5	< 2	0.32	< 0.5	12	117	94	3.32	1.96	1.06	210
R6800E 4850N	244	285	< 0.2	6.71	3070	1.5	< 2	0.65	0.5	16	106	125	3.59	2.76	1.48	305
R6800E 4900N	244	285	1.4	2.55	970	0.5	2	1.11	0.5	13	54	50	3.83	0.97	0.96	1065
R6800E 5000N	244	285	< 0.2	5.76	1450	1.0	< 2	0.88	< 0.5	16	177	20	2.58	1.49	1.61	335
R6800E 5100N	244	285	< 0.2	5.95	1720	1.0	4	0.81	1.0	18	208	51	2.85	1.62	1.74	405
R6800E 5150N	244	285	< 0.2	5.23	1250	1.0	< 2	0.81	< 0.5	16	184	31	2.25	1.34	1.47	280
R6800E 5200N	244	285	< 0.2	5.98	1360	1.0	2	0.98	0.5	28	269	36	3.27	1.28	1.95	795
R6800E 5250N	244	285	< 0.2	5.77	1100	0.5	< 2	1.41	0.5	16	132	24	2.19	1.37	1.31	770
R6800E 5350N	244	285	< 0.2	8.19	1140	2.0	< 2	0.86	0.5	25	155	49	3.46	1.82	1.54	625
R6800E 5400N	244	285	< 0.2	6.68	1040	1.0	< 2	0.53	< 0.5	11	172	13	3.03	1.35	1.69	370
R6800E 5450N	244	285	< 0.2	6.42	1320	1.0	< 2	0.86	< 0.5	24	254	38	3.12	1.51	2.63	365
R6800E 5500N	244	285	< 0.2	6.16	1010	0.5	2	0.78	< 0.5	11	150	18	2.49	1.46	1.53	285
R6800E 5550N	244	285	< 0.2	6.29	1430	1.5	2	1.08	< 0.5	29	272	67	3.75	1.22	2.73	1190
R6800E 5600N	244	285	< 0.2	5.50	1320	1.0	< 2	1.54	0.5	14	108	40	2.44	1.37	1.33	450
R6800E 5650N	244	285	< 0.2	6.29	1100	1.0	< 2	0.99	< 0.5	28	282	33	3.54	1.56	2.65	680
R6800E 5700N	244	285	< 0.2	5.22	1280	1.0	< 2	0.75	0.5	15	159	32	2.49	1.37	1.53	445
R6800E 5850N	244	285	< 0.2	5.20	1100	1.0	< 2	1.61	< 0.5	8	85	23	1.59	1.32	1.02	330
R6800E 5900N	244	285	< 0.2	5.47	1450	1.5	< 2	0.86	0.5	10	128	40	2.32	1.50	1.29	240
R6800E 5950N	244	285	< 0.2	6.35	1570	1.5	< 2	0.92	0.5	14	147	39	2.76	1.64	1.39	450
R6800E 6000N	244	285	< 0.2	5.32	1160	1.0	< 2	0.79	< 0.5	14	173	22	2.35	1.34	1.62	355
R6800E 6050N	244	285	< 0.2	6.16	1410	1.5	< 2	1.01	0.5	13	181	28	2.58	1.60	1.44	415
R6800E 6100N	244	285	< 0.2	6.40	1320	1.0	< 2	0.63	0.5	5	100	13	1.52	1.81	0.88	185
R6800E 6150N	244	285	< 0.2	5.68	1250	1.5	< 2	0.54	< 0.5	14	123	21	2.66	1.54	1.25	445
R6800E 6250N	244	285	< 0.2	6.29	1240	1.5	< 2	1.05	0.5	16	150	26	2.59	1.71	1.48	520
R6800E 6350N	244	285	< 0.2	6.48	1250	1.5	< 2	1.12	< 0.5	12	109	25	2.32	1.74	1.21	625
R6800E 6400N	244	285	< 0.2	5.46	1130	1.0	< 2	1.92	0.5	14	137	29	2.42	1.43	1.22	765
R6800E 6450N	244	285	0.6	5.91	1410	1.5	< 2	1.40	0.5	13	112	37	2.37	1.59	1.14	450
R6800E 6500N	244	285	< 0.2	5.91	1130	1.0	< 2	1.45	0.5	10	120	25	2.33	1.57	1.25	300

CERTIFICATION: Stewart Buchholz

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
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Project : 6410 (SHIPPMENT 1R)
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CERTIFICATE OF ANALYSIS A9731965

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)				
R6800E 4450N	244	285	1	0.90	57	250	8	140	0.36	192	< 10	68				
R6800E 4500N	244	285	< 1	0.93	74	1270	4	156	0.76	245	< 10	130				
R6800E 4550N	244	285	1	1.23	58	680	10	169	0.46	194	< 10	152				
R6800E 4600N	244	285	1	0.80	25	1050	6	111	0.29	148	< 10	66				
R6800E 4650N	244	285	1	1.07	23	730	8	187	0.36	169	< 10	78				
R6800E 4700N	244	285	< 1	0.53	38	450	8	87	0.28	167	< 10	66				
R6800E 4750N	244	285	< 1	0.46	16	420	10	93	0.25	130	< 10	44				
R6800E 4800N	244	285	1	0.35	60	1340	12	95	0.40	219	< 10	132				
R6800E 4850N	244	285	1	0.15	57	2020	14	67	0.52	277	< 10	146				
R6800E 4900N	244	285	1	0.03	77	470	14	35	0.09	90	< 10	158				
R6800E 5000N	244	285	1	0.60	78	830	12	81	0.29	163	< 10	94				
R6800E 5100N	244	285	1	0.64	111	1110	8	92	0.34	325	< 10	104				
R6800E 5150N	244	285	< 1	0.72	109	780	12	92	0.31	164	< 10	84				
R6800E 5200N	244	285	< 1	0.74	195	820	12	88	0.33	175	< 10	90				
R6800E 5250N	244	285	< 1	1.18	87	950	6	220	0.26	128	< 10	110				
R6800E 5350N	244	285	< 1	0.72	112	760	14	133	0.41	154	< 10	82				
R6800E 5400N	244	285	< 1	0.89	72	430	6	85	0.41	180	< 10	64				
R6800E 5450N	244	285	< 1	0.84	223	750	8	104	0.33	164	< 10	88				
R6800E 5500N	244	285	< 1	1.00	93	400	10	125	0.34	152	< 10	54				
R6800E 5550N	244	285	< 1	0.59	338	1090	16	108	0.25	159	< 10	118				
R6800E 5600N	244	285	< 1	0.81	91	930	12	150	0.24	143	< 10	84				
R6800E 5650N	244	285	1	0.95	231	840	6	91	0.41	171	< 10	84				
R6800E 5700N	244	285	< 1	0.63	151	840	14	79	0.25	162	< 10	94				
R6800E 5850N	244	285	< 1	0.97	57	970	6	175	0.19	104	< 10	126				
R6800E 5900N	244	285	2	0.65	85	900	12	85	0.26	164	10	104				
R6800E 5950N	244	285	< 1	0.71	87	970	14	95	0.30	180	< 10	116				
R6800E 6000N	244	285	< 1	0.71	115	760	10	79	0.28	139	< 10	68				
R6800E 6050N	244	285	1	0.73	118	840	12	114	0.26	162	< 10	96				
R6800E 6100N	244	285	< 1	1.00	27	350	6	145	0.30	155	< 10	44				
R6800E 6150N	244	285	1	0.67	62	670	16	73	0.28	163	< 10	84				
R6800E 6250N	244	285	1	0.92	89	870	12	134	0.26	147	< 10	94				
R6800E 6350N	244	285	2	1.03	60	880	12	168	0.26	134	< 10	84				
R6800E 6400N	244	285	1	0.63	70	1020	16	117	0.22	129	< 10	72				
R6800E 6450N	244	285	< 1	0.75	62	580	18	120	0.23	165	< 10	88				
R6800E 6500N	244	285	1	0.72	68	510	26	98	0.23	120	< 10	76				

CERTIFICATION:

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

A9731966

Comments: ATTN: DAVID TERRY

CERTIFICATE A9731966

(GP W) - WESTMIN RESOURCES LTD.

Project: 6410 (SHIPPMENT 1R)
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 22-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	129	Pulp; prev. prepared at Chemex
285	129	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
578	129	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	129	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	129	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	129	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	129	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	129	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	129	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	129	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	129	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	129	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	129	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	129	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	129	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	129	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	129	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	129	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	129	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	129	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	129	Pb ppm: 24 element, rock & core	AAS	2	10000
582	129	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	129	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	129	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	129	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	129	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.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 22-JUL-97
Invoice No. : I9731966
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731966

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)
R5900E 4400N	244	285	0.4	6.74	2200	1.5	< 2	0.49	< 0.5	39	389	84	5.15	1.85	0.89	645
R5900E 4425N	244	285	0.4	8.31	4310	1.5	< 2	0.60	0.5	35	59	70	7.22	2.88	2.18	355
R5900E 4450N	244	285	0.6	5.53	2360	1.5	< 2	0.48	0.5	9	96	37	2.50	1.74	0.59	340
R5900E 4475N	244	285	1.2	6.44	3180	2.0	< 2	0.73	1.5	18	119	85	4.39	2.24	0.78	475
R5900E 4500N	244	285	0.6	7.43	2530	1.5	< 2	0.78	0.5	34	90	158	6.72	1.99	0.85	915
R5900E 4525N	244	285	0.4	6.69	3570	3.0	2	0.39	11.0	15	134	393	3.62	2.45	0.73	195
R5900E 5000N	244	285	0.6	5.77	2000	1.5	< 2	1.53	1.5	7	67	51	1.88	1.76	0.77	310
R5900E 5025N	244	285	0.8	6.27	4530	2.5	< 2	0.84	4.0	13	110	151	3.06	2.11	1.06	525
R5900E 5050N	244	285	0.8	5.76	1930	1.5	< 2	0.79	< 0.5	10	122	78	2.72	1.75	0.88	340
R5900E 5075N	244	285	0.8	5.37	2180	1.5	< 2	0.76	1.5	10	112	81	2.65	1.78	0.86	360
R5900E 5125N	244	285	0.8	3.78	520	0.5	< 2	0.13	< 0.5	5	45	10	2.32	0.90	0.42	160
R5900E 5150N	244	285	1.2	6.37	5530	2.5	< 2	0.79	4.0	8	114	269	3.15	2.28	0.77	105
R5900E 5175N	244	285	0.6	5.59	5830	1.5	< 2	0.55	1.5	12	131	83	2.57	1.69	1.08	190
R5900E 5200N	244	285	1.0	5.84	3240	1.5	< 2	0.69	1.5	8	111	93	3.11	1.93	0.96	155
R5900E 5225N	244	285	0.4	5.82	2150	1.5	< 2	0.37	< 0.5	7	136	43	2.63	1.63	0.99	290
R5900E 5250N	244	285	2.0	5.87	3440	2.0	< 2	0.36	2.0	17	132	195	5.17	1.80	0.94	515
R5900E 5325N	244	285	0.6	6.44	6440	2.0	< 2	0.55	2.0	10	132	46	2.71	1.98	0.91	390
R5900E 5350N	244	285	0.6	5.54	4260	1.5	< 2	0.59	1.5	12	141	41	3.03	1.64	1.12	460
R5900E 5375N	244	285	0.4	5.87	2520	1.5	< 2	0.74	0.5	14	170	80	3.14	1.94	1.26	575
R5900E 5400N	244	285	0.6	5.87	1470	2.0	< 2	0.88	0.5	10	115	191	3.63	2.45	1.11	230
R5900E 5425N	244	285	0.6	5.03	1470	1.0	< 2	1.00	0.5	13	154	29	2.40	1.36	1.32	455
R5900E 5450N	244	285	< 0.2	5.47	1580	1.5	2	0.82	0.5	17	169	33	2.69	1.45	1.39	735
R5900E 5500N	244	285	< 0.2	5.61	1440	1.5	< 2	0.85	0.5	13	179	39	2.64	1.61	1.61	445
R5900E 5525N	244	285	< 0.2	5.91	1650	1.5	< 2	0.92	0.5	20	213	59	3.22	1.45	1.78	750
R5900E 5650N	244	285	< 0.2	4.57	1120	1.0	< 2	0.84	2.5	37	133	37	4.67	1.06	1.10	545
R5900E 5750N	244	285	< 0.2	5.76	1410	1.5	< 2	0.99	0.5	23	226	36	3.74	1.33	1.76	2430
R5900E 5775N	244	285	0.2	5.31	1180	1.0	< 2	1.16	< 0.5	15	222	28	2.97	1.21	1.63	620
R5900E 5800N	244	285	< 0.2	5.67	1010	1.0	< 2	1.69	< 0.5	10	101	35	2.25	1.42	1.18	555
R5900E 5825N	244	285	< 0.2	6.13	1490	1.5	< 2	0.98	< 0.5	20	199	39	3.56	1.56	1.72	640
R5900E 6000N	244	285	< 0.2	4.26	1090	0.5	< 2	0.43	0.5	6	89	11	2.17	1.11	0.66	270
R5900E 6050N	244	285	0.6	5.50	1760	1.5	< 2	1.27	2.0	15	111	71	2.88	1.48	1.15	705
R5900E 6100N	244	285	< 0.2	4.82	1330	1.0	< 2	0.73	< 0.5	8	104	14	2.03	1.42	1.05	270
R5900E 6200N	244	285	0.2	3.12	1150	0.5	< 2	3.63	2.5	7	30	47	1.30	0.74	0.44	3200
R5900E 6250N	244	285	< 0.2	5.42	840	0.5	< 2	2.90	< 0.5	3	11	24	1.19	1.42	0.46	315
R5900E 6300N	244	285	< 0.2	4.44	1300	1.0	< 2	1.09	< 0.5	8	102	16	1.95	1.22	0.91	470
R5900E 6350N	244	285	0.2	4.60	1140	1.0	< 2	0.99	< 0.5	8	97	19	2.11	1.19	0.89	275
R5900E 6400N	244	285	< 0.2	6.05	950	1.5	< 2	1.22	0.5	12	83	23	2.73	1.59	0.80	390
R5900E 6450N	244	285	< 0.2	5.49	1130	1.5	< 2	1.27	< 0.5	17	152	32	3.61	1.33	1.23	485
R5900E 6500N	244	285	0.8	4.53	660	0.5	< 2	0.48	< 0.5	3	59	7	1.26	1.06	0.47	205
R6000E 4275N	244	285	< 0.2	6.47	1320	2.0	< 2	0.36	< 0.5	12	139	51	2.88	3.66	0.72	250

CERTIFICATION: Hart Bichler

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

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Page Number :1-B
Total Pages :4
Certificate Date: 22-JUL-97
Invoice No. :I9731966
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9731966

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)				
R5900E 4400N	244	285	< 1	0.51	214	780	4	72	0.39	307	< 10	102				
R5900E 4425N	244	285	1	0.38	49	2040	< 2	82	0.62	310	< 10	174				
R5900E 4450N	244	285	5	0.43	34	910	6	89	0.28	365	< 10	132				
R5900E 4475N	244	285	5	0.29	81	1750	12	88	0.31	409	< 10	236				
R5900E 4500N	244	285	1	0.43	95	1800	< 2	56	0.48	306	< 10	250				
R5900E 4525N	244	285	4	0.20	125	2610	14	681	0.26	260	< 10	608				
R5900E 5000N	244	285	2	1.35	40	1560	4	310	0.22	229	< 10	150				
R5900E 5025N	244	285	6	0.27	125	2010	10	106	0.28	331	< 10	294				
R5900E 5050N	244	285	11	0.42	76	2770	10	99	0.30	272	< 10	294				
R5900E 5075N	244	285	7	0.31	70	1890	12	88	0.30	319	< 10	186				
R5900E 5125N	244	285	1	0.56	15	550	6	48	0.22	90	< 10	106				
R5900E 5150N	244	285	8	0.34	85	5600	14	147	0.31	286	< 10	306				
R5900E 5175N	244	285	2	0.38	59	2010	10	114	0.33	410	< 10	170				
R5900E 5200N	244	285	4	0.41	53	1950	14	143	0.28	387	< 10	130				
R5900E 5225N	244	285	5	0.45	31	1320	10	86	0.35	371	< 10	80				
R5900E 5250N	244	285	12	0.26	64	1760	14	102	0.28	357	< 10	214				
R5900E 5325N	244	285	9	0.54	78	1060	12	103	0.28	409	< 10	294				
R5900E 5350N	244	285	5	0.64	78	810	8	97	0.35	206	< 10	138				
R5900E 5375N	244	285	4	0.42	94	1560	10	89	0.36	254	< 10	168				
R5900E 5400N	244	285	6	0.25	87	3390	6	89	0.33	278	< 10	240				
R5900E 5425N	244	285	1	0.68	65	1090	6	113	0.25	166	< 10	136				
R5900E 5450N	244	285	3	0.64	88	850	8	93	0.31	169	< 10	246				
R5900E 5500N	244	285	2	0.78	147	910	6	116	0.31	154	< 10	238				
R5900E 5525N	244	285	1	0.64	155	820	4	85	0.37	182	< 10	314				
R5900E 5650N	244	285	7	0.59	224	1880	4	84	0.24	117	< 10	302				
R5900E 5750N	244	285	5	0.81	216	830	6	101	0.39	149	< 10	166				
R5900E 5775N	244	285	< 1	0.81	142	880	8	119	0.31	133	< 10	108				
R5900E 5800N	244	285	< 1	1.45	111	780	4	291	0.21	86	< 10	100				
R5900E 5825N	244	285	< 1	0.74	143	780	6	90	0.39	173	< 10	116				
R5900E 6000N	244	285	< 1	0.60	31	350	2	64	0.26	133	< 10	68				
R5900E 6050N	244	285	1	0.61	94	860	12	87	0.26	161	< 10	116				
R5900E 6100N	244	285	< 1	0.67	49	760	6	77	0.31	133	< 10	90				
R5900E 6200N	244	285	3	0.76	67	940	2	210	0.10	42	< 10	58				
R5900E 6250N	244	285	< 1	1.88	15	640	2	398	0.14	33	< 10	42				
R5900E 6300N	244	285	< 1	0.62	52	680	6	78	0.24	126	< 10	72				
R5900E 6350N	244	285	< 1	0.62	49	580	6	73	0.24	120	< 10	66				
R5900E 6400N	244	285	< 1	0.94	50	700	8	141	0.25	121	< 10	100				
R5900E 6450N	244	285	< 1	0.67	74	350	14	101	0.29	156	< 10	84				
R5900E 6500N	244	285	< 1	0.93	10	210	2	109	0.32	95	< 10	60				
R6000E 4275N	244	285	8	0.54	65	340	8	80	0.29	544	< 10	102				

CERTIFICATION: Ian R. Hall

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

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 22-JUL-97
Invoice No. : I9731966
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731966

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)
R6000E 4300N	244	285	0.4	5.70	1900	2.0	< 2	0.52	2.5	15	131	125	4.14	1.78	0.52	335
R6000E 4325N	244	285	1.0	7.60	2920	2.5	< 2	0.38	2.5	32	177	116	6.43	2.45	0.74	790
R6000E 4350N	244	285	1.2	7.40	3090	2.5	< 2	0.85	1.5	18	184	64	4.92	2.77	0.95	625
R6000E 4375N	244	285	2.2	8.93	4520	3.0	< 2	0.95	2.5	37	251	127	6.49	3.97	1.04	660
R6000E 4400N	244	285	1.2	7.43	3580	2.0	< 2	0.66	1.5	18	175	69	4.22	2.88	0.80	520
R6000E 4450N	244	285	0.8	7.13	3220	2.0	< 2	0.73	4.5	24	109	76	.6.05	2.53	0.77	490
R6000E 4475N	244	285	0.6	7.45	3630	2.0	< 2	0.62	2.0	17	84	58	4.09	2.89	0.70	690
R6000E 4500N	244	285	0.8	5.10	2440	1.5	< 2	0.23	0.5	5	117	39	2.59	1.57	0.58	205
R6000E 4550N	244	285	1.4	7.33	4220	3.0	< 2	0.61	1.0	2	121	100	3.14	2.91	0.87	125
R6000E 4575N	244	285	0.4	7.19	4710	2.0	< 2	0.65	2.0	8	97	123	2.99	2.75	1.33	210
R6000E 4875N	244	285	1.0	6.34	1680	1.5	< 2	1.18	0.5	15	66	55	2.89	1.89	0.91	770
R6000E 4975N	244	285	0.6	4.58	1620	1.5	< 2	0.91	1.0	12	82	32	2.58	1.43	0.87	1015
R6000E 5050N	244	285	0.8	4.60	1940	1.5	< 2	0.40	0.5	7	103	45	1.94	1.54	0.62	225
R6000E 5075N	244	285	1.6	5.34	7190	2.5	< 2	0.18	1.5	3	123	49	1.39	1.77	0.69	160
R6000E 5100N	244	285	1.4	4.10	5540	2.0	< 2	0.25	2.5	3	117	59	1.33	1.32	0.57	150
R6000E 5225N	244	285	1.0	5.34	4180	2.0	< 2	0.49	5.5	12	125	110	3.42	1.66	0.79	415
R6000E 5250N	244	285	0.6	5.35	1560	1.0	< 2	0.86	1.0	14	106	36	2.62	1.53	0.80	915
R6000E 5375N	244	285	0.4	3.61	1830	1.5	< 2	0.24	0.5	4	97	87	2.03	1.44	0.56	135
R6000E 5400N	244	285	0.2	5.18	1460	1.5	< 2	0.80	0.5	11	156	28	2.36	1.52	1.30	325
R6000E 5425N	244	285	0.4	5.74	1500	1.5	< 2	0.69	0.5	18	197	37	2.77	1.63	1.49	540
R6000E 5450N	244	285	0.8	5.76	1760	1.5	< 2	0.67	0.5	18	204	100	3.00	2.05	1.71	555
R6000E 5525N	244	285	0.2	5.63	1610	1.5	< 2	0.87	0.5	17	207	39	2.80	1.45	1.59	420
R6000E 5550N	244	285	0.2	3.34	710	0.5	< 2	0.70	4.5	12	80	33	4.51	0.79	0.64	140
R6000E 5600N	244	285	< 0.2	5.74	1320	1.5	< 2	0.72	< 0.5	18	259	34	3.30	1.61	1.95	545
R6000E 5625N	244	285	< 0.2	5.67	1050	1.0	< 2	0.56	< 0.5	16	195	15	3.88	1.32	1.39	470
R6000E 5650N	244	285	< 0.2	6.12	990	1.0	< 2	0.61	< 0.5	19	179	15	4.15	1.32	1.51	605
R6000E 5675N	244	285	< 0.2	6.32	910	1.0	< 2	0.73	< 0.5	9	123	23	2.60	1.46	1.05	380
R6000E 5725N	244	285	< 0.2	5.64	1260	1.0	< 2	0.83	< 0.5	19	244	32	3.16	1.50	2.17	480
R6000E 5750N	244	285	< 0.2	5.39	1310	1.5	< 2	0.82	< 0.5	21	248	40	3.19	1.50	2.10	500
R6000E 5775N	244	285	0.2	5.82	1550	1.5	< 2	0.89	< 0.5	21	217	41	3.37	1.56	1.85	865
R6000E 5800N	244	285	< 0.2	5.80	1430	1.0	< 2	0.74	< 0.5	21	296	36	3.50	1.62	2.67	500
R6000E 5825N	244	285	0.4	6.25	1470	1.5	< 2	0.92	0.5	20	165	49	3.50	1.65	1.55	535
R6000E 5975N	244	285	0.4	4.58	1300	1.0	< 2	0.68	0.5	8	84	21	1.73	1.36	0.85	195
R6000E 6000N	244	285	0.2	5.12	1320	1.5	< 2	0.91	< 0.5	12	104	41	2.20	1.41	0.98	255
R6000E 6100N	244	285	< 0.2	5.22	1480	1.5	< 2	0.79	0.5	9	105	38	2.30	1.54	0.96	270
R6000E 6150N	244	285	< 0.2	5.21	1270	1.0	2	0.81	< 0.5	6	79	17	2.20	1.52	0.81	240
R6000E 6300N	244	285	< 0.2	5.08	1050	1.5	< 2	0.56	< 0.5	10	132	28	2.54	1.43	0.95	300
R6000E 6350N	244	285	< 0.2	5.12	1130	0.5	< 2	0.44	< 0.5	6	92	9	2.04	1.24	0.84	215
R6000E 6400N	244	285	< 0.2	4.47	890	0.5	< 2	0.61	< 0.5	7	88	11	2.27	1.01	0.70	195
R6000E 6450N	244	285	< 0.2	5.64	1080	1.0	< 2	0.92	< 0.5	15	154	18	3.38	1.36	1.35	465

CERTIFICATION:

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 22-JUL-97
Invoice No. :19731966
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9731966

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)
R6000E 4300N	244 285	23	0.26	89	3100	18	71	0.39	918	< 10	454
R6000E 4325N	244 285	15	0.31	117	1650	18	68	0.42	522	< 10	318
R6000E 4350N	244 285	7	0.46	91	1510	8	98	0.44	403	< 10	198
R6000E 4375N	244 285	13	0.21	132	2960	14	73	0.54	477	< 10	288
R6000E 4400N	244 285	6	0.34	74	1970	8	73	0.41	359	< 10	200
R6000E 4450N	244 285	5	0.33	90	1990	22	81	0.52	365	< 10	288
R6000E 4475N	244 285	2	0.26	66	1000	6	63	0.39	162	< 10	186
R6000E 4500N	244 285	2	0.37	32	470	10	64	0.30	250	< 10	136
R6000E 4550N	244 285	1	0.67	28	5130	18	255	0.30	371	< 10	100
R6000E 4575N	244 285	< 1	0.21	47	860	4	115	0.29	167	< 10	180
R6000E 4875N	244 285	3	1.27	39	1220	4	254	0.30	199	< 10	160
R6000E 4975N	244 285	5	0.52	33	1510	2	112	0.38	207	< 10	134
R6000E 5050N	244 285	2	0.33	35	1290	10	76	0.25	340	< 10	118
R6000E 5075N	244 285	10	0.17	24	1620	24	195	0.30	751	< 10	120
R6000E 5100N	244 285	7	0.19	29	2340	14	184	0.24	710	< 10	180
R6000E 5225N	244 285	7	0.27	99	2490	58	127	0.29	370	< 10	388
R6000E 5250N	244 285	8	0.97	41	1520	8	205	0.25	182	< 10	106
R6000E 5375N	244 285	2	0.19	48	640	4	58	0.22	133	< 10	90
R6000E 5400N	244 285	< 1	0.68	66	890	8	104	0.27	166	< 10	102
R6000E 5425N	244 285	< 1	0.67	105	830	10	85	0.31	164	< 10	104
R6000E 5450N	244 285	2	0.45	167	1350	6	86	0.32	244	< 10	156
R6000E 5525N	244 285	< 1	0.72	107	860	10	101	0.32	166	< 10	110
R6000E 5550N	244 285	24	0.24	1175	1200	< 2	76	0.12	91	< 10	974
R6000E 5600N	244 285	< 1	0.81	170	720	6	120	0.37	152	< 10	86
R6000E 5625N	244 285	< 1	0.81	105	500	6	96	0.37	162	< 10	88
R6000E 5650N	244 285	< 1	0.86	76	300	2	93	0.45	153	< 10	66
R6000E 5675N	244 285	< 1	1.24	47	420	6	202	0.39	132	< 10	56
R6000E 5725N	244 285	2	0.84	184	810	4	117	0.35	133	< 10	84
R6000E 5750N	244 285	< 1	0.80	195	810	4	94	0.37	134	< 10	78
R6000E 5775N	244 285	2	0.73	171	830	6	103	0.35	165	< 10	112
R6000E 5800N	244 285	< 1	0.81	232	850	2	94	0.44	150	< 10	80
R6000E 5825N	244 285	1	0.84	107	800	12	103	0.38	174	< 10	114
R6000E 5975N	244 285	< 1	0.73	42	750	8	90	0.27	122	< 10	90
R6000E 6000N	244 285	< 1	0.75	60	660	10	126	0.26	127	< 10	100
R6000E 6100N	244 285	< 1	0.66	56	700	8	83	0.26	142	< 10	92
R6000E 6150N	244 285	1	0.81	36	450	4	114	0.24	126	< 10	82
R6000E 6300N	244 285	< 1	0.60	70	560	8	70	0.26	139	< 10	64
R6000E 6350N	244 285	< 1	0.77	28	230	6	91	0.29	118	< 10	58
R6000E 6400N	244 285	2	0.66	31	220	6	70	0.25	109	< 10	58
R6000E 6450N	244 285	< 1	0.90	67	480	4	129	0.33	141	< 10	130

CERTIFICATION: Ian Pontier

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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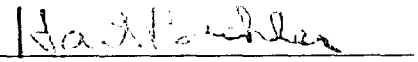
To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 22-JUL-97
Invoice No. :I9731966
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9731966

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)
R6000E 6500N	244	285	< 0.2	5.32	1100	0.5	< 2	0.88	< 0.5	11	155	11	2.70	1.41	1.12	410
R6100E 4275N	244	285	2.8	7.12	2010	3.0	< 2	0.27	0.5	25	233	167	4.54	2.61	0.69	190
R6100E 4300N	244	285	2.0	7.15	1980	2.0	< 2	0.39	0.5	8	178	23	2.41	2.62	0.77	240
R6100E 4325N	244	285	2.2	6.00	1800	2.0	< 2	0.49	< 0.5	13	148	63	2.72	1.99	0.73	250
R6100E 4350N	244	285	0.4	5.98	1610	1.5	< 2	0.51	1.0	6	130	52	2.15	1.84	0.50	195
R6100E 4375N	244	285	0.6	5.25	1850	1.5	< 2	0.34	1.0	4	84	25	2.14	1.57	0.46	240
R6100E 4400N	244	285	0.6	6.16	2510	2.0	< 2	0.52	2.0	9	103	54	2.88	1.97	0.58	290
R6100E 4450N	244	285	1.4	7.26	4320	2.0	< 2	1.09	2.5	47	199	85	7.94	2.63	0.75	1110
R6100E 4500N	244	285	0.6	6.49	2660	2.0	< 2	0.31	1.0	8	142	61	3.38	2.29	0.52	220
R6100E 4525N	244	285	0.4	6.88	2180	2.0	< 2	0.82	1.0	8	109	52	3.69	2.40	0.59	350
R6100E 4550N	244	285	0.6	6.03	2190	2.0	< 2	0.30	1.0	10	145	55	4.56	1.93	0.50	345
R6100E 4725N	244	285	0.2	5.75	1820	1.5	< 2	0.58	1.0	12	114	65	3.01	1.67	1.15	315
R6100E 4750N	244	285	1.2	7.55	3700	2.5	< 2	0.41	0.5	13	109	86	3.39	2.94	1.32	545
R6100E 4950N	244	285	0.6	5.13	1520	1.0	< 2	1.22	1.5	9	90	36	1.90	1.59	0.86	640
R6100E 4975N	244	285	4.6	6.35	2250	2.0	< 2	0.56	< 0.5	7	119	50	2.31	2.34	0.84	285
R6100E 5000N	244	285	0.6	5.36	1550	1.5	< 2	0.80	0.5	11	110	53	2.84	1.70	1.01	390
R6100E 5100N	244	285	1.0	6.55	3490	2.0	< 2	0.51	0.5	12	133	117	3.64	2.27	1.07	275
R6100E 5125N	244	285	0.8	6.57	3430	2.0	< 2	0.37	0.5	13	143	113	3.71	2.27	1.15	320
R6100E 5150N	244	285	1.0	5.39	2380	1.5	< 2	0.54	0.5	12	124	93	3.05	1.64	1.18	355
R6100E 5175N	244	285	1.4	5.55	2130	1.5	< 2	1.09	0.5	11	151	98	3.11	1.67	1.07	335
R6100E 5200N	244	285	0.6	4.97	1750	1.5	2	0.59	1.5	12	127	83	2.72	1.55	1.06	400
R6100E 5225N	244	285	0.4	5.87	1340	1.5	< 2	1.04	< 0.5	12	133	37	2.56	1.53	1.30	500
R6100E 5250N	244	285	1.0	4.11	2050	1.5	< 2	0.34	3.5	6	87	105	2.38	1.65	0.70	165
R6100E 5275N	244	285	0.4	6.16	2010	1.5	< 2	0.82	0.5	14	146	50	2.78	1.75	1.30	585
R6100E 5300N	244	285	0.2	5.62	1710	1.5	< 2	0.93	1.5	19	188	48	2.92	1.54	1.61	605
R6100E 5325N	244	285	0.4	5.43	1870	1.0	< 2	1.02	0.5	13	148	25	2.43	1.55	1.17	795
R6100E 5350N	244	285	0.2	5.44	2550	1.5	< 2	0.70	0.5	10	169	25	2.45	1.65	1.27	350
R6100E 5375N	244	285	0.4	5.66	1850	1.5	< 2	0.65	0.5	16	196	48	2.96	1.65	1.64	615
R6100E 5550N	244	285	0.2	5.70	1300	1.5	< 2	0.94	< 0.5	19	200	37	3.17	1.54	1.76	520
R6100E 5575N	244	285	< 0.2	5.36	1200	1.0	< 2	0.92	< 0.5	16	177	37	3.03	1.36	1.51	525
R6100E 5600N	244	285	0.2	6.30	1360	1.5	< 2	1.07	< 0.5	26	239	49	3.90	1.51	1.87	745
R6100E 5625N	244	285	0.4	6.43	1260	1.5	< 2	0.83	< 0.5	17	174	31	3.50	1.53	1.63	570
R6100E 5650N	244	285	0.4	6.10	1210	1.0	< 2	1.05	< 0.5	19	190	77	3.48	1.37	1.59	1040
R6100E 5725N	244	285	0.2	5.94	1260	1.0	< 2	0.94	< 0.5	20	169	39	3.58	1.44	1.75	570
R6100E 5750N	244	285	0.2	5.66	1230	1.0	< 2	0.89	< 0.5	21	174	37	3.42	1.39	1.67	515
R6100E 5775N	244	285	< 0.2	6.20	1280	1.5	< 2	0.93	< 0.5	21	162	39	3.69	1.52	1.83	590
R6100E 5800N	244	285	0.2	5.70	1230	1.0	< 2	0.87	< 0.5	19	198	31	3.43	1.42	1.89	715
R6100E 5825N	244	285	0.2	5.83	1330	1.5	< 2	0.91	< 0.5	21	192	40	3.24	1.50	1.78	420
R6100E 5850N	244	285	0.4	6.49	1410	1.5	< 2	1.30	< 0.5	12	128	42	3.06	1.67	1.32	895
R6100E 6050N	244	285	0.4	4.25	1090	1.0	< 2	0.59	< 0.5	6	75	14	2.00	1.31	0.80	225

CERTIFICATION: 

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 22-JUL-97
Invoice No. :19731966
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9731966

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)				
R6000E 6500N	244	285	< 1	0.84	50	450	4	117	0.29	129	< 10	66				
R6100E 4275N	244	285	28	0.22	144	2750	42	68	0.34	1260	< 10	124				
R6100E 4300N	244	285	7	0.55	50	810	16	106	0.40	760	< 10	80				
R6100E 4325N	244	285	12	0.59	106	1210	10	106	0.32	586	< 10	98				
R6100E 4350N	244	285	3	0.75	42	1400	8	113	0.34	275	< 10	64				
R6100E 4375N	244	285	5	0.57	21	940	8	104	0.24	306	< 10	92				
R6100E 4400N	244	285	9	0.65	48	1700	12	152	0.30	413	< 10	210				
R6100E 4450N	244	285	< 1	0.24	127	1900	82	91	0.66	235	< 10	362				
R6100E 4500N	244	285	7	0.41	51	1750	24	120	0.38	590	< 10	184				
R6100E 4525N	244	285	5	1.18	38	1850	12	250	0.38	314	< 10	152				
R6100E 4550N	244	285	4	0.48	47	2020	14	108	0.38	381	< 10	180				
R6100E 4725N	244	285	3	0.59	46	1720	4	119	0.39	240	< 10	192				
R6100E 4750N	244	285	3	0.26	51	1310	16	141	0.37	249	< 10	108				
R6100E 4950N	244	285	3	0.79	42	1020	6	180	0.24	179	< 10	142				
R6100E 4975N	244	285	2	0.25	41	1150	4	63	0.30	334	< 10	90				
R6100E 5000N	244	285	2	0.55	64	1070	10	97	0.27	195	< 10	142				
R6100E 5100N	244	285	5	0.26	56	2530	12	149	0.30	447	< 10	168				
R6100E 5125N	244	285	8	0.28	57	2410	14	118	0.41	539	< 10	134				
R6100E 5150N	244	285	4	0.47	66	1580	10	104	0.32	316	< 10	134				
R6100E 5175N	244	285	6	0.33	81	1660	14	152	0.30	298	< 10	172				
R6100E 5200N	244	285	1	0.48	70	1270	8	102	0.32	242	< 10	146				
R6100E 5225N	244	285	< 1	1.16	69	730	8	190	0.32	136	< 10	84				
R6100E 5250N	244	285	7	0.19	71	1680	8	85	0.27	257	< 10	238				
R6100E 5275N	244	285	1	0.80	77	810	8	152	0.29	214	< 10	142				
R6100E 5300N	244	285	< 1	0.76	104	920	6	123	0.31	181	< 10	188				
R6100E 5325N	244	285	3	0.98	55	1090	14	176	0.25	200	< 10	96				
R6100E 5350N	244	285	1	0.53	72	1110	18	81	0.26	259	< 10	120				
R6100E 5375N	244	285	1	0.65	142	930	10	85	0.30	192	< 10	158				
R6100E 5550N	244	285	< 1	0.85	149	820	4	110	0.35	156	< 10	100				
R6100E 5575N	244	285	< 1	0.86	105	770	4	107	0.39	146	< 10	86				
R6100E 5600N	244	285	1	0.95	178	930	8	120	0.42	168	< 10	120				
R6100E 5625N	244	285	1	0.82	87	820	4	98	0.40	149	< 10	96				
R6100E 5650N	244	285	1	0.93	102	990	4	114	0.34	147	< 10	112				
R6100E 5725N	244	285	< 1	0.92	96	930	6	93	0.44	168	< 10	104				
R6100E 5750N	244	285	< 1	0.83	130	880	6	93	0.41	161	< 10	100				
R6100E 5775N	244	285	1	0.90	110	760	8	89	0.41	190	< 10	118				
R6100E 5800N	244	285	< 1	0.90	138	850	8	88	0.37	151	< 10	92				
R6100E 5825N	244	285	< 1	0.89	134	770	4	93	0.36	162	< 10	106				
R6100E 5850N	244	285	1	1.24	98	870	8	212	0.26	139	< 10	116				
R6100E 6050N	244	285	< 1	0.62	33	850	6	74	0.23	117	< 10	100				

CERTIFICATION:

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Analytical Chemists * Geochemists * Registered Assayers
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To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 22-JUL-97
Invoice No. : I9731966
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731966

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)
R6100E 6100N	244	285	0.4	4.10	1150	1.0	< 2	1.78	1.0	10	60	28	1.75	1.13	0.71	755
R6100E 6150N	244	285	0.2	4.68	1090	1.0	< 2	0.63	< 0.5	6	83	18	2.08	1.17	0.77	240
R6100E 6200N	244	285	< 0.2	4.99	1110	1.0	< 2	0.47	< 0.5	7	96	13	2.46	1.34	0.85	310
R6100E 6250N	244	285	0.2	4.99	1250	1.5	< 2	0.96	< 0.5	9	96	16	2.21	1.48	0.97	260
R6100E 6300N	244	285	0.6	4.50	1180	1.0	< 2	1.43	1.0	9	81	20	2.10	1.22	0.83	425
R6100E 6350N	244	285	< 0.2	4.70	890	0.5	< 2	8.97	2.0	7	48	23	1.63	1.34	0.57	600
R6100E 6400N	244	285	0.2	5.35	1190	1.0	< 2	0.35	0.5	8	88	14	2.50	1.07	0.84	265
R6100E 6450N	244	285	< 0.2	4.83	1070	0.5	< 2	0.35	< 0.5	4	80	7	1.78	1.29	0.69	180
R6100E 6500N	244	285	< 0.2	5.40	1250	1.5	< 2	0.98	0.5	17	147	44	3.19	1.56	1.49	655

CERTIFICATION: Ian Bachler

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

Project : 6410 (SHIPPMENT 1R)
Comments: ATTN: DAVID TERRY

Certificate Date: 22-JUL-97
Invoice No. : I9731966
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731966

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)				
R6100E 6100N	244	285	< 1	0.75	37	880	10	161	0.17	85	< 10	68				
R6100E 6150N	244	285	1	0.71	39	470	6	70	0.21	126	< 10	66				
R6100E 6200N	244	285	2	0.66	38	490	6	78	0.25	135	< 10	106				
R6100E 6250N	244	285	2	0.71	47	830	8	92	0.24	122	< 10	82				
R6100E 6300N	244	285	< 1	0.64	40	720	10	87	0.21	118	< 10	138				
R6100E 6350N	244	285	< 1	1.23	24	980	6	293	0.18	68	< 10	64				
R6100E 6400N	244	285	< 1	0.70	44	230	6	71	0.26	135	< 10	86				
R6100E 6450N	244	285	2	0.69	22	160	6	68	0.28	120	< 10	44				
R6100E 6500N	244	285	< 1	0.90	81	940	8	149	0.27	140	< 10	82				

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

A9731968

Comments: ATTN: DAVID TERRY

CERTIFICATE A9731968

(GP W) - WESTMIN RESOURCES LTD.

Project: 6410
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 31-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	127	Pulp; prev. prepared at Chemex
285	127	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
578	127	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	127	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	127	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	127	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	127	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	127	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	127	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	127	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	127	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	127	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	127	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	127	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	127	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	127	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	127	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	127	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	127	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	127	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	127	Pb ppm: 24 element, rock & core	AAS	2	10000
582	127	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	127	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	127	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	127	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	127	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN: DAVID TERRY

Certificate Date: 31-JUL-97
Invoice No. :I9731968
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9731968

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)
R5600E 4400N	244	285	0.4	8.13	1360	2.0	< 2	1.26	< 0.5	25	88	54	5.31	2.70	0.90	1035
R5600E 4550N	244	285	< 0.2	7.34	4340	2.5	< 2	1.75	0.5	37	105	51	6.86	3.01	0.81	920
R5600E 4600N	244	285	0.4	5.74	1980	1.5	< 2	0.76	1.0	14	112	60	2.86	1.74	0.88	250
R5600E 4650N	244	285	0.6	5.54	2350	1.5	< 2	0.82	0.5	12	118	78	2.71	1.74	0.87	330
R5600E 4700N	244	285	0.4	5.37	2570	1.5	< 2	0.66	2.5	12	114	106	2.92	1.69	0.84	455
R5600E 4750N	244	285	0.4	6.18	1930	1.5	< 2	1.30	2.0	14	69	39	2.58	1.89	0.69	1220
R5600E 4850N	244	285	0.6	5.43	2360	1.5	< 2	0.77	1.5	9	117	50	2.71	1.74	0.81	335
R5600E 4950N	244	285	0.4	5.49	2410	1.5	< 2	1.13	1.5	9	72	30	2.39	1.78	0.75	435
R5600E 5000N	244	285	0.2	5.30	1180	0.5	< 2	0.31	1.0	7	101	19	3.04	1.28	0.77	300
R5600E 5050N	244	285	< 0.2	6.35	1690	1.5	< 2	0.41	0.5	13	125	47	3.26	1.89	0.92	385
R5600E 5100N	244	285	1.0	5.63	1980	1.5	< 2	0.56	9.0	12	173	62	2.89	1.57	0.90	340
R5600E 5150N	244	285	0.2	4.66	1330	1.0	< 2	0.38	0.5	11	119	28	2.36	1.32	0.84	320
R5600E 5200N	244	285	0.6	5.69	2000	1.5	< 2	0.65	2.0	7	109	59	2.57	1.84	0.80	340
R5600E 5300N	244	285	1.4	4.86	3480	1.5	< 2	0.52	2.0	9	108	103	2.80	1.53	0.62	280
R5600E 5350N	244	285	1.2	5.77	2450	1.5	< 2	0.75	3.5	10	106	100	2.67	1.76	0.82	425
R5600E 5400N	244	285	0.4	5.79	3230	2.0	< 2	0.55	0.5	10	118	71	3.16	1.86	0.99	315
R5600E 5450N	244	285	0.4	7.83	3090	2.0	< 2	0.51	0.5	14	132	69	3.24	2.50	0.88	440
R5600E 5500N	244	285	0.8	8.10	5680	3.0	< 2	0.48	1.0	10	126	150	3.41	3.21	0.92	180
R5600E 5550N	244	285	1.4	5.53	1750	1.5	< 2	1.15	8.0	41	109	50	3.27	1.47	0.83	3590
R5600E 5650N	244	285	1.2	4.93	2110	1.5	< 2	0.88	3.0	11	217	57	1.34	1.24	1.21	270
R5600E 6050N	244	285	< 0.2	6.22	1260	1.5	2	1.04	< 0.5	18	173	25	3.40	1.72	1.72	460
R5600E 6150N	244	285	< 0.2	3.57	800	0.5	< 2	2.69	0.5	7	67	31	1.50	0.90	0.73	485
R5600E 6300N	244	285	0.2	5.83	1590	1.5	< 2	1.77	0.5	8	94	48	2.58	1.56	0.86	390
R5600E 6350N	244	285	< 0.2	5.90	1500	1.5	2	1.24	< 0.5	12	105	45	2.31	1.46	0.87	635
R5600E 6400N	244	285	< 0.2	4.71	1010	0.5	< 2	0.47	< 0.5	5	93	9	1.88	1.37	0.75	220
R5600E 6450N	244	285	< 0.2	4.62	1140	0.5	< 2	0.66	0.5	8	131	9	2.35	1.14	0.86	345
R5600E 6500N	244	285	< 0.2	5.08	940	0.5	< 2	0.36	0.5	7	93	11	2.52	1.25	0.76	275
R5700E 4400N	244	285	< 0.2	8.40	1130	2.0	< 2	3.81	< 0.5	19	99	42	3.78	2.85	0.97	495
R5700E 4425N	244	285	< 0.2	8.04	1070	1.5	< 2	5.50	< 0.5	19	85	40	4.11	2.72	0.87	1070
R5700E 4450N	244	285	< 0.2	9.41	1320	2.0	< 2	1.98	< 0.5	19	105	37	3.81	2.54	1.39	485
R5700E 4500N	244	285	< 0.2	8.85	2130	2.0	< 2	4.08	< 0.5	18	107	42	4.06	3.19	1.03	490
R5700E 4525N	244	285	1.2	8.31	3160	2.0	< 2	2.70	3.0	21	163	118	3.38	3.56	0.82	395
R5700E 4550N	244	285	4.8	6.96	3630	2.0	< 2	2.19	8.0	49	247	244	7.12	2.91	0.95	1330
R5700E 4575N	244	285	1.0	7.52	4390	3.0	< 2	1.69	1.5	14	100	121	3.26	3.30	1.43	400
R5700E 4600N	244	285	0.4	7.43	4230	2.5	< 2	0.56	3.5	18	126	119	4.37	2.88	1.30	430
R5700E 4625N	244	285	0.2	6.37	3500	2.0	2	0.56	1.0	12	119	133	3.67	2.12	1.01	490
R5700E 4650N	244	285	0.8	5.65	3280	2.0	2	0.65	2.5	13	123	101	2.65	1.76	0.90	400
R5700E 4725N	244	285	0.6	1.49	1020	0.5	< 2	1.91	5.5	14	26	63	1.25	0.36	0.37	4770
R5700E 4750N	244	285	0.8	6.45	3170	2.0	< 2	0.97	2.0	24	198	65	5.33	2.27	0.60	1380
R5700E4750EXTRA	244	285	< 0.2	0.45	330	< 0.5	< 2	1.02	2.0	4	9	24	0.47	0.12	0.20	830

CERTIFICATION: _____

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN: DAVID TERRY

Certificate Date: 31-JUL-97
Invoice No. : I9731968
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9731968

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)
R5600E 4400N	244	285	1	0.67	46	840	16	119	0.23	109	< 10	140
R5600E 4550N	244	285	1	0.31	79	5680	8	96	0.47	175	< 10	220
R5600E 4600N	244	285	2	0.66	61	1330	12	115	0.29	260	< 10	138
R5600E 4650N	244	285	1	0.63	65	1670	8	125	0.30	221	< 10	194
R5600E 4700N	244	285	3	0.60	71	1630	10	125	0.31	215	< 10	262
R5600E 4750N	244	285	2	1.50	32	1250	10	322	0.22	205	< 10	176
R5600E 4850N	244	285	5	0.54	44	1680	6	125	0.22	281	< 10	172
R5600E 4950N	244	285	6	0.82	37	1280	8	197	0.20	156	< 10	214
R5600E 5000N	244	285	1	0.64	32	180	18	71	0.33	170	< 10	232
R5600E 5050N	244	285	3	0.80	78	430	12	126	0.27	200	< 10	190
R5600E 5100N	244	285	10	0.52	84	1430	14	98	0.29	576	< 10	870
R5600E 5150N	244	285	4	0.54	63	920	6	77	0.22	298	< 10	168
R5600E 5200N	244	285	6	0.68	61	1750	10	150	0.24	367	< 10	254
R5600E 5300N	244	285	11	0.26	65	2790	16	115	0.20	575	< 10	428
R5600E 5350N	244	285	7	0.62	53	1490	12	164	0.25	392	< 10	336
R5600E 5400N	244	285	3	0.35	37	1700	10	85	0.28	270	< 10	196
R5600E 5450N	244	285	1	0.52	64	1060	8	103	0.29	223	< 10	138
R5600E 5500N	244	285	7	0.22	107	2250	12	127	0.33	345	< 10	222
R5600E 5550N	244	285	8	1.17	68	1140	10	250	0.22	140	< 10	294
R5600E 5650N	244	285	4	0.40	148	910	16	133	0.21	340	< 10	252
R5600E 6050N	244	285	< 1	1.07	77	850	10	122	0.40	149	< 10	86
R5600E 6150N	244	285	< 1	0.74	30	800	6	227	0.16	68	< 10	52
R5600E 6300N	244	285	1	0.83	53	840	12	195	0.18	128	< 10	84
R5600E 6350N	244	285	1	1.14	59	610	12	213	0.23	122	< 10	84
R5600E 6400N	244	285	< 1	0.69	26	260	6	71	0.25	125	< 10	60
R5600E 6450N	244	285	1	0.69	36	300	8	85	0.27	137	< 10	106
R5600E 6500N	244	285	1	0.74	28	290	8	84	0.25	132	< 10	80
R5700E 4400N	244	285	< 1	0.56	40	740	6	187	0.28	95	< 10	110
R5700E 4425N	244	285	1	0.67	37	600	8	211	0.24	85	< 10	100
R5700E 4450N	244	285	< 1	0.93	39	590	6	220	0.24	135	< 10	98
R5700E 4500N	244	285	2	0.47	44	830	8	135	0.24	130	< 10	104
R5700E 4525N	244	285	5	0.34	68	2080	62	102	0.44	478	< 10	246
R5700E 4550N	244	285	11	0.20	147	1900	140	97	0.31	384	< 10	816
R5700E 4575N	244	285	4	0.29	65	2110	42	151	0.28	289	< 10	156
R5700E 4600N	244	285	2	0.34	84	1550	6	109	0.32	230	< 10	450
R5700E 4625N	244	285	2	0.46	73	1220	16	156	0.24	193	< 10	318
R5700E 4650N	244	285	< 1	0.54	71	1410	16	142	0.26	246	< 10	262
R5700E 4725N	244	285	10	0.19	46	1680	< 2	197	0.04	50	< 10	206
R5700E 4750N	244	285	17	1.06	97	1940	6	269	0.19	217	< 10	400
R5700E4750EXTRA	244	285	1	0.05	21	860	2	86	0.01	19	< 10	104

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN: DAVID TERRY

Certificate Date: 31-JUL-97
Invoice No. : I9731968
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9731968

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)
R5700E 4775N	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
R5700E 4800N	244	285	0.6	6.78	3540	2.5	< 2	0.42	1.5	10	113	63	3.56	2.60	0.85	430
R5700E 4825N	244	285	1.4	5.67	2490	2.0	< 2	1.70	2.5	9	199	65	2.93	2.13	0.75	410
R5700E 4925N	244	285	0.4	6.21	2010	1.5	< 2	0.54	0.5	8	119	52	3.15	2.17	0.91	420
R5700E 4950N	244	285	0.4	5.28	1350	1.0	< 2	0.41	< 0.5	6	108	20	2.54	1.38	0.85	290
R5700E 4975N	244	285	< 0.2	5.74	1670	1.5	< 2	0.34	0.5	10	127	65	3.44	1.61	0.94	300
R5700E 5000N	244	285	< 0.2	5.88	1490	1.0	< 2	0.33	0.5	4	93	46	2.15	1.44	0.65	180
R5700E 5025N	244	285	0.4	4.96	1040	0.5	< 2	1.94	1.5	6	78	23	2.75	1.10	1.05	380
R5700E 5050N	244	285	0.4	5.02	780	0.5	< 2	2.09	< 0.5	12	62	11	3.61	0.86	1.32	395
R5700E 5100N	244	285	0.6	4.92	1600	1.0	< 2	0.66	3.0	7	109	46	2.15	1.45	0.88	345
R5700E 5125N	244	285	0.4	4.57	1580	1.5	< 2	0.47	< 0.5	7	90	41	2.05	1.62	0.80	335
R5700E 5150N	244	285	0.8	5.11	2320	2.0	< 2	0.68	1.5	6	98	100	2.61	2.09	0.74	290
R5700E 5200N	244	285	0.4	4.88	1640	1.5	< 2	1.02	0.5	3	76	22	1.79	1.59	0.65	165
R5700E 5225N	244	285	0.6	5.16	3040	2.0	< 2	0.51	2.0	6	101	69	2.67	1.82	0.66	365
R5700E 5250N	244	285	0.8	5.76	4230	2.0	2	1.00	7.5	4	86	90	2.25	1.92	0.69	270
R5700E 5275N	244	285	0.6	5.42	3420	1.5	< 2	0.88	2.5	6	92	43	2.60	1.71	0.79	250
R5700E 5300N	244	285	0.4	5.91	2360	1.5	2	1.15	1.5	4	71	37	2.53	1.89	0.73	395
R5700E 5325N	244	285	0.6	12.25	8250	2.5	2	1.54	0.5	< 1	80	66	4.89	4.75	1.53	575
R5700E 5350N	244	285	0.6	6.20	2970	2.0	< 2	1.86	3.0	3	69	79	2.00	2.03	0.64	275
R5700E 5375N	244	285	0.2	6.38	2800	2.0	2	0.48	1.0	7	95	59	2.24	2.78	0.74	310
R5700E 5400N	244	285	1.2	6.58	6070	2.5	< 2	0.23	1.0	3	144	44	2.22	2.46	0.87	160
R5700E 5450N	244	285	< 0.2	5.25	1790	1.5	2	0.87	1.0	13	167	36	3.01	1.52	1.39	550
R5700E 5475N	244	285	0.4	5.97	3710	1.5	2	0.66	2.5	14	136	75	3.86	2.09	0.94	510
R5700E 5500N	244	285	0.4	5.12	2700	1.5	< 2	0.81	2.0	12	157	75	3.17	1.75	1.06	420
R5700E 5525N	244	285	< 0.2	5.24	3620	1.5	< 2	0.60	1.0	5	127	26	2.09	1.85	0.81	270
R5700E 5575N	244	285	0.4	4.57	890	0.5	< 2	1.04	0.5	6	62	24	1.71	1.20	0.62	295
R5700E 5600N	244	285	< 0.2	1.72	470	< 0.5	< 2	1.68	4.5	6	19	52	0.88	0.35	0.35	805
R5700E 5650N	244	285	< 0.2	4.17	520	0.5	< 2	2.03	0.5	3	11	22	1.17	0.99	0.51	295
R5700E 5725N	244	285	< 0.2	4.00	1210	0.5	< 2	1.20	3.0	23	126	36	1.98	0.95	1.11	2100
R5700E 5750N	244	285	< 0.2	4.91	1450	0.5	< 2	1.11	2.5	20	174	40	2.38	1.21	1.46	1265
R5700E 5775N	244	285	< 0.2	4.20	990	0.5	< 2	1.39	2.0	12	89	48	1.84	1.16	0.80	845
R5700E 5800N	244	285	< 0.2	4.26	870	1.0	< 2	1.20	1.5	13	77	34	1.78	1.32	0.70	635
R5700E 6200N	244	285	< 0.2	6.58	1180	1.5	< 2	1.81	< 0.5	10	91	31	2.56	1.88	1.13	560
R5700E 6250N	244	285	< 0.2	4.29	1200	0.5	2	1.42	< 0.5	8	85	23	1.99	1.26	0.87	600
R5700E 6300N	244	285	< 0.2	5.43	1900	1.5	< 2	0.85	< 0.5	8	118	22	2.58	1.66	1.11	370
R5700E 6350N	244	285	< 0.2	3.68	1040	0.5	< 2	3.48	1.0	5	17	41	1.06	0.95	0.45	920
R5700E 6400N	244	285	< 0.2	4.90	1200	1.0	< 2	1.97	0.5	5	56	23	1.78	1.44	0.70	475
R5700E 6450N	244	285	< 0.2	5.32	1420	1.5	2	1.37	< 0.5	7	81	28	1.88	1.56	0.68	455
R5700E 6500N	244	285	< 0.2	4.97	1310	1.0	< 2	1.63	< 0.5	7	82	20	2.10	1.36	0.77	425
R5800E 4400N	244	285	< 0.2	8.84	1380	2.0	4	2.62	< 0.5	15	121	45	4.41	2.55	1.32	335

CERTIFICATION: Stan Bradley

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

Project : 6410
Comments: ATTN: DAVID TERRY

Certificate Date: 31-JUL-97
Invoice No. : I9731968
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731968

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)				
R5700E 4775N	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd				
R5700E 4800N	244	285	4	0.32	77	1260	12	55	0.23	220	< 10	282				
R5700E 4825N	244	285	10	0.38	77	6680	18	154	0.14	723	< 10	422				
R5700E 4925N	244	285	5	0.75	62	740	14	135	0.23	312	< 10	138				
R5700E 4950N	244	285	1	0.70	29	470	12	80	0.33	231	< 10	86				
R5700E 4975N	244	285	6	0.51	68	1350	14	72	0.32	387	< 10	220				
R5700E 5000N	244	285	2	0.66	28	740	12	80	0.34	246	< 10	96				
R5700E 5025N	244	285	3	1.11	34	720	10	130	0.48	252	< 10	148				
R5700E 5050N	244	285	2	1.42	24	550	8	93	0.66	266	< 10	114				
R5700E 5100N	244	285	7	0.47	63	1320	16	101	0.24	424	< 10	318				
R5700E 5125N	244	285	2	0.39	58	1090	14	67	0.19	195	< 10	114				
R5700E 5150N	244	285	6	0.27	55	2800	18	101	0.21	309	< 10	228				
R5700E 5200N	244	285	2	0.58	23	1410	14	111	0.19	264	< 10	78				
R5700E 5225N	244	285	5	0.38	49	1840	22	98	0.18	394	< 10	276				
R5700E 5250N	244	285	5	0.87	83	2100	18	215	0.19	501	10	1435				
R5700E 5275N	244	285	4	0.72	35	1820	18	164	0.20	418	< 10	284				
R5700E 5300N	244	285	9	1.19	23	1580	14	259	0.21	225	< 10	116				
R5700E 5325N	244	285	4	1.80	33	2510	16	481	0.35	167	< 10	178				
R5700E 5350N	244	285	7	1.28	40	4520	8	321	0.19	142	< 10	174				
R5700E 5375N	244	285	< 1	0.34	47	1300	10	75	0.21	152	< 10	506				
R5700E 5400N	244	285	5	0.33	57	1200	28	144	0.26	506	< 10	174				
R5700E 5450N	244	285	< 1	0.88	110	710	14	119	0.30	154	< 10	120				
R5700E 5475N	244	285	4	0.47	84	1790	20	102	0.22	333	< 10	286				
R5700E 5500N	244	285	4	0.47	97	1830	16	106	0.21	311	< 10	298				
R5700E 5525N	244	285	3	0.66	40	1040	18	121	0.19	258	< 10	114				
R5700E 5575N	244	285	8	1.04	34	1220	12	208	0.14	96	< 10	82				
R5700E 5600N	244	285	14	0.25	60	1240	6	142	0.04	33	< 10	200				
R5700E 5650N	244	285	7	1.44	36	810	10	363	0.13	25	< 10	62				
R5700E 5725N	244	285	6	0.45	128	1160	12	136	0.12	129	< 10	198				
R5700E 5750N	244	285	7	0.57	133	1010	14	138	0.16	157	< 10	208				
R5700E 5775N	244	285	< 1	0.75	104	1160	56	165	0.14	82	< 10	170				
R5700E 5800N	244	285	< 1	0.69	106	970	38	143	0.14	72	< 10	122				
R5700E 6200N	244	285	< 1	1.90	62	720	18	359	0.23	96	< 10	82				
R5700E 6250N	244	285	< 1	0.79	38	640	14	135	0.18	106	< 10	64				
R5700E 6300N	244	285	< 1	0.83	53	720	14	91	0.26	148	< 10	80				
R5700E 6350N	244	285	1	1.20	53	830	8	359	0.11	29	< 10	34				
R5700E 6400N	244	285	< 1	1.28	32	680	12	269	0.17	80	< 10	56				
R5700E 6450N	244	285	< 1	1.04	30	420	12	183	0.20	116	< 10	56				
R5700E 6500N	244	285	< 1	0.94	37	710	10	169	0.18	108	< 10	64				
R5800E 4400N	244	285	5	0.70	55	430	14	166	0.24	285	< 10	114				

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN: DAVID TERRY

Certificate Date: 31-JUL-97
Invoice No. : I9731968
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731968

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)
R5800E 4425N	244	285	< 0.2	7.59	1690	2.0	< 2	2.02	< 0.5	13	130	54	3.82	2.43	0.99	395
R5800E 4450N	244	285	< 0.2	6.90	2650	2.0	2	1.06	1.5	21	130	71	4.67	2.47	0.94	760
R5800E 4475N	244	285	< 0.2	7.67	3580	2.0	2	3.58	< 0.5	44	932	97	4.89	3.51	1.58	960
R5800E 4500N	244	285	< 0.2	7.75	4770	1.5	< 2	1.06	0.5	28	168	103	6.01	3.35	0.72	510
R5800E 4525N	244	285	< 0.2	4.94	960	0.5	< 2	2.05	< 0.5	6	33	34	1.71	1.32	0.46	505
R5800E 4575N	244	285	0.4	6.65	4080	3.0	2	0.69	0.5	7	93	171	2.90	3.01	0.82	265
R5800E 4625N	244	285	< 0.2	2.57	780	0.5	< 2	2.44	3.5	7	22	51	1.05	0.79	0.28	1380
R5800E 4650N	244	285	< 0.2	5.12	1600	1.0	< 2	1.67	1.5	8	31	50	1.67	1.55	0.54	615
R5800E 4675N	244	285	< 0.2	6.01	2530	1.5	2	1.56	0.5	5	43	64	2.06	1.98	0.57	615
R5800E 4700N	244	285	1.8	4.27	3130	2.0	< 2	1.74	3.0	8	186	90	2.12	1.63	0.47	290
R5800E 4725N	244	285	< 0.2	5.97	1690	1.5	2	1.72	0.5	4	33	31	1.67	1.93	0.59	340
R5800E 4750N	244	285	0.4	6.33	4180	2.0	4	0.65	2.0	11	193	60	4.70	2.39	0.86	325
R5800E 4775N	244	285	< 0.2	4.87	2600	1.5	< 2	0.84	1.0	9	86	26	2.23	1.60	0.61	570
R5800E 4800N	244	285	0.6	4.10	2160	1.0	< 2	1.12	5.5	20	82	34	1.93	1.26	0.55	7020
R5800E 4850N	244	285	< 0.2	4.88	2040	1.0	< 2	0.95	1.5	6	90	43	2.71	1.45	0.79	430
R5800E 4900N	244	285	< 0.2	3.71	1410	0.5	< 2	1.44	1.5	6	61	38	1.59	1.14	0.60	745
R5800E 4925N	244	285	0.4	5.51	2830	2.0	2	0.69	4.5	9	110	127	2.93	1.91	1.04	325
R5800E 4950N	244	285	5.0	5.36	2100	1.5	< 2	1.22	35.5	8	165	283	4.17	1.43	0.71	620
R5800E 4975N	244	285	< 0.2	4.88	750	0.5	< 2	0.69	< 0.5	4	80	12	2.24	0.97	0.67	280
R5800E 5000N	244	285	< 0.2	5.19	740	0.5	< 2	0.76	< 0.5	2	67	9	2.00	1.25	0.58	220
R5800E 5025N	244	285	< 0.2	4.16	1290	0.5	< 2	0.52	< 0.5	< 1	81	13	1.16	1.41	0.44	125
R5800E 5050N	244	285	0.6	4.29	1740	1.5	< 2	0.69	< 0.5	1	166	42	2.26	1.45	0.47	105
R5800E 5075N	244	285	0.4	3.53	1180	1.0	< 2	1.24	1.5	6	67	41	1.64	1.24	0.67	365
R5800E 5100N	244	285	0.4	6.62	1870	1.5	< 2	1.30	< 0.5	4	64	24	2.23	2.34	0.63	280
R5800E 5250N	244	285	< 0.2	3.53	1020	0.5	2	2.45	1.0	2	32	24	1.20	1.06	0.60	280
R5800E 5275N	244	285	0.6	6.11	4120	2.0	< 2	0.88	1.5	10	120	75	3.01	2.15	0.99	530
R5800E 5325N	244	285	< 0.2	5.31	1700	1.0	2	0.78	< 0.5	5	138	26	2.99	1.48	0.98	300
R5800E 5350N	244	285	0.8	4.90	1780	1.0	2	0.37	2.0	4	92	28	2.43	1.65	0.58	175
R5800E 5375N	244	285	< 0.2	5.19	1170	0.5	< 2	0.79	< 0.5	5	135	15	2.08	1.59	0.79	300
R5800E 5400N	244	285	1.0	4.97	1170	1.0	2	0.51	< 0.5	9	157	17	3.71	1.38	1.09	395
R5800E 5425N	244	285	0.8	5.47	3330	1.5	2	0.66	3.5	10	163	105	3.71	2.11	1.08	465
R5800E 5500N	244	285	0.2	4.25	930	0.5	2	0.72	5.0	3	119	22	1.57	1.41	0.43	210
R5800E 5575N	244	285	< 0.2	6.82	2410	1.5	< 2	0.81	< 0.5	15	143	47	3.52	2.61	1.32	750
R5800E 5625N	244	285	< 0.2	5.72	1810	1.5	4	0.77	0.5	17	217	48	3.77	1.67	1.92	435
R5800E 5675N	244	285	< 0.2	5.54	1310	1.0	< 2	1.49	3.0	27	147	35	3.11	1.62	1.17	7960
R5800E 5700N	244	285	< 0.2	5.50	1620	1.5	2	1.33	1.0	17	178	51	3.22	1.70	1.66	710
R5800E 5975N	244	285	< 0.2	5.81	1310	1.5	< 2	0.80	< 0.5	13	148	34	3.52	1.58	1.36	575
R5800E 6000N	244	285	< 0.2	5.59	1360	1.5	2	1.34	< 0.5	9	109	32	2.80	1.76	1.12	545
R5800E 6050N	244	285	< 0.2	5.58	1390	1.0	< 2	1.21	< 0.5	12	155	28	3.54	1.69	1.67	595
R5800E 6100N	244	285	0.6	4.39	1440	1.0	2	2.99	3.5	10	49	57	1.95	1.25	0.58	4170

CERTIFICATION:

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN: DAVID TERRY

Page Number :3-B
Total Pages :4
Certificate Date: 31-JUL-97
Invoice No. :I9731968
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9731968

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)				
R5800E 4425N	244	285	4	0.68	65	1070	14	146	0.22	236	< 10	134				
R5800E 4450N	244	285	2	0.59	79	1420	18	90	0.25	290	< 10	142				
R5800E 4475N	244	285	1	0.40	174	960	10	158	0.13	232	< 10	52				
R5800E 4500N	244	285	2	0.38	80	1750	8	65	0.21	291	< 10	110				
R5800E 4525N	244	285	3	1.30	16	940	12	303	0.13	99	< 10	62				
R5800E 4575N	244	285	4	0.29	60	2600	12	113	0.19	197	< 10	380				
R5800E 4625N	244	285	< 1	0.62	20	1240	10	212	0.08	54	< 10	188				
R5800E 4650N	244	285	2	1.57	20	1420	10	355	0.16	117	< 10	134				
R5800E 4675N	244	285	2	1.67	26	1140	12	375	0.18	143	< 10	146				
R5800E 4700N	244	285	12	0.70	85	6060	14	240	0.13	645	< 10	520				
R5800E 4725N	244	285	1	1.96	15	850	12	431	0.20	151	< 10	110				
R5800E 4750N	244	285	8	0.39	53	1900	16	86	0.18	455	< 10	308				
R5800E 4775N	244	285	4	0.23	23	1400	12	89	0.14	227	< 10	152				
R5800E 4800N	244	285	12	0.23	42	1630	10	105	0.13	249	< 10	276				
R5800E 4850N	244	285	9	0.44	39	1790	12	122	0.19	286	< 10	286				
R5800E 4900N	244	285	3	0.43	36	1370	10	129	0.15	148	< 10	182				
R5800E 4925N	244	285	8	0.37	98	1710	18	106	0.23	298	< 10	450				
R5800E 4950N	244	285	19	0.35	428	4970	26	141	0.21	762	40	6460				
R5800E 4975N	244	285	6	0.75	23	590	12	82	0.34	168	< 10	152				
R5800E 5000N	244	285	3	0.68	14	960	12	84	0.34	167	< 10	72				
R5800E 5025N	244	285	5	0.70	21	590	14	99	0.26	544	< 10	110				
R5800E 5050N	244	285	9	0.35	47	4270	38	141	0.19	1370	< 10	328				
R5800E 5075N	244	285	5	0.31	48	1260	12	120	0.15	143	< 10	214				
R5800E 5100N	244	285	2	1.96	16	2190	16	395	0.24	146	< 10	94				
R5800E 5250N	244	285	< 1	0.91	14	890	10	250	0.13	113	< 10	106				
R5800E 5275N	244	285	5	0.49	54	2490	22	150	0.23	332	< 10	240				
R5800E 5325N	244	285	< 1	0.65	43	480	16	83	0.29	206	< 10	122				
R5800E 5350N	244	285	11	0.41	48	660	20	65	0.21	242	< 10	182				
R5800E 5375N	244	285	< 1	1.22	29	420	14	160	0.28	130	< 10	58				
R5800E 5400N	244	285	< 1	0.74	62	580	16	81	0.24	153	< 10	136				
R5800E 5425N	244	285	6	0.45	94	2080	18	104	0.28	361	< 10	594				
R5800E 5500N	244	285	4	1.00	31	460	10	151	0.29	124	< 10	210				
R5800E 5575N	244	285	18	0.97	77	920	12	161	0.27	164	< 10	254				
R5800E 5625N	244	285	4	0.75	208	900	16	86	0.32	174	< 10	224				
R5800E 5675N	244	285	40	1.36	278	990	14	258	0.22	99	< 10	928				
R5800E 5700N	244	285	4	0.87	211	820	16	119	0.28	155	< 10	268				
R5800E 5975N	244	285	< 1	1.07	86	430	14	120	0.37	152	< 10	90				
R5800E 6000N	244	285	2	1.27	70	860	16	187	0.24	116	< 10	90				
R5800E 6050N	244	285	< 1	1.04	91	820	12	105	0.39	142	< 10	90				
R5800E 6100N	244	285	6	1.27	79	920	12	318	0.15	68	< 10	88				

CERTIFICATION:

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Project : 6410
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Page Number : 4-A
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Certificate Date: 31-JUL-97
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CERTIFICATE OF ANALYSIS A9731968

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)
R5800E 6150N	244	285	< 0.2	4.38	1220	0.5	2	1.71	0.5	8	98	19	2.43	1.32	1.08	1315
R5800E 6200N	244	285	< 0.2	4.13	1200	0.5	< 2	1.03	< 0.5	3	74	11	1.58	1.41	0.66	255
R5800E 6250N	244	285	< 0.2	3.28	1490	0.5	< 2	2.51	1.5	6	55	35	1.67	0.92	0.55	835
R5800E 6300N	244	285	< 0.2	4.34	1240	1.0	6	1.51	< 0.5	5	76	21	2.05	1.32	0.76	505
R5800E 6350N	244	285	< 0.2	4.82	1430	1.0	2	1.62	< 0.5	13	137	33	2.88	1.44	1.33	475
R5800E 6400N	244	285	< 0.2	5.62	1180	1.0	< 2	2.07	7.0	12	90	36	3.02	1.36	0.88	1125
R5800E 6450N	244	285	< 0.2	5.57	1280	1.0	2	0.73	1.0	16	93	14	2.85	1.43	0.91	1695
R5800E 6500N	244	285	< 0.2	5.52	1240	1.0	2	0.31	< 0.5	7	82	15	2.98	1.50	0.80	455

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

Project : 6410
Comments: ATTN: DAVID TERRY

Certificate Date: 31-JUL-97
Invoice No. :I9731968
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9731968

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)
R5800E 6150N	244	285	1	0.98	54	850	12	167	0.25	102	< 10	76
R5800E 6200N	244	285	1	0.81	18	420	8	109	0.23	105	< 10	40
R5800E 6250N	244	285	< 1	0.62	43	940	12	155	0.13	69	< 10	60
R5800E 6300N	244	285	2	0.92	35	550	12	146	0.22	104	< 10	68
R5800E 6350N	244	285	< 1	0.77	90	530	12	97	0.24	135	< 10	64
R5800E 6400N	244	285	< 1	0.92	64	1670	14	151	0.23	112	< 10	300
R5800E 6450N	244	285	< 1	0.92	41	410	16	106	0.27	133	< 10	266
R5800E 6500N	244	285	2	0.78	29	230	14	68	0.26	135	< 10	86

CERTIFICATION: Ian Bickle

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

o: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

A9731969

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CERTIFICATE A9731969

(GP W) - WESTMIN RESOURCES LTD.

Project: 6410
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 30-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	152	Pulp; prev. prepared at Chemex
285	152	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
578	152	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	152	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	152	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	152	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	152	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	152	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	152	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	152	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	152	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	152	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	152	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	152	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	152	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	152	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	152	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	152	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	152	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	152	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	152	Pb ppm: 24 element, rock & core	AAS	2	10000
582	152	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	152	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	152	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	152	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	152	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

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To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
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V7X 1C4

Project : 6410
Comments: ATTN: DAVID TERRY

Page Number : 1-A
Total Pages : 4
Certificate Date: 30-JUL-97
Invoice No. : I9731969
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731969

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)
R5000E 4600N	244	285	< 0.2	5.34	1120	1.0	< 2	2.83	< 0.5	10	72	37	1.92	1.60	0.54	370
R5000E 4650N	244	285	< 0.2	5.91	2190	1.5	< 2	2.08	0.5	24	239	51	5.29	2.02	0.58	335
R5000E 4700N	244	285	< 0.2	6.40	3750	2.0	< 2	1.09	< 0.5	50	455	96	8.66	2.59	0.62	905
R5000E 4750N	244	285	< 0.2	5.09	1430	1.5	< 2	2.37	0.5	7	56	67	1.80	1.67	0.67	200
R5000E 4800N	244	285	< 0.2	5.73	2550	1.5	< 2	0.50	< 0.5	8	71	28	2.22	2.31	0.79	300
R5000E 4850N	244	285	0.2	6.58	1890	1.5	2	0.98	0.5	15	101	59	3.37	2.21	0.94	460
R5000E 4900N	244	285	0.6	5.91	2470	1.5	< 2	0.95	0.5	15	134	73	3.56	2.03	0.86	495
R5000E 4950N	244	285	< 0.2	6.29	2300	1.5	< 2	0.42	1.5	9	100	46	3.17	2.07	0.64	340
R5000E 5000N	244	285	0.8	5.26	1910	1.5	< 2	0.33	0.5	5	84	41	2.29	1.72	0.51	195
R5000E 5100N	244	285	0.2	5.58	2240	1.5	< 2	0.37	0.5	7	95	32	2.64	1.84	0.64	315
R5000E 5150N	244	285	0.6	5.26	1110	0.5	< 2	1.63	1.5	6	27	34	1.44	1.50	0.61	670
R5000E 5200N	244	285	0.8	4.64	2390	1.5	< 2	0.85	1.0	9	90	61	2.26	1.56	0.74	470
R5000E 5250N	244	285	0.8	5.68	2530	1.5	< 2	0.71	0.5	11	120	44	2.60	1.86	0.86	610
R5000E 5300N	244	285	1.4	2.03	960	0.5	< 2	1.17	6.0	10	26	102	1.54	0.52	0.32	2320
R5000E 5400N	244	285	0.6	5.61	1860	1.5	< 2	1.03	0.5	6	80	45	1.97	1.73	0.77	295
R5000E 5500N	244	285	< 0.2	3.43	1080	0.5	< 2	1.48	3.0	20	21	29	1.73	1.05	0.44	2650
R5000E 5550N	244	285	< 0.2	4.70	1790	1.0	2	1.16	3.0	15	49	28	2.12	1.68	0.53	2220
R5000E 5600N	244	285	< 0.2	4.36	1440	1.0	< 2	1.60	2.0	3	46	27	1.11	1.41	0.55	445
R5000E 5700N	244	285	1.2	5.07	1330	1.0	< 2	0.96	2.5	3	44	35	1.39	1.56	0.52	225
R5000E 5750N	244	285	< 0.2	5.89	1700	1.5	< 2	0.66	0.5	38	536	74	5.12	1.34	1.53	1595
R5000E 5800N	244	285	< 0.2	4.82	1610	1.0	< 2	1.37	0.5	21	276	51	2.50	1.39	1.58	385
R5000E 5850N	244	285	< 0.2	5.72	1880	1.5	< 2	1.10	0.5	26	426	99	3.62	1.37	3.06	415
R5000E 5900N	244	285	< 0.2	2.75	2140	0.5	< 2	2.15	4.5	37	82	57	1.51	0.71	0.96	>10000
R5000E 5950N	244	285	< 0.2	4.11	1340	0.5	< 2	1.71	2.5	25	176	27	2.24	1.13	1.73	3080
R5000E 6200N	244	285	< 0.2	4.92	1230	1.0	< 2	2.28	< 0.5	14	166	33	2.88	1.19	1.69	600
R5000E 6250N	244	285	< 0.2	4.79	1630	0.5	2	1.77	< 0.5	17	177	16	2.65	1.10	1.07	550
R5000E 6300N	244	285	< 0.2	3.52	710	0.5	2	0.55	< 0.5	14	139	8	2.07	0.79	0.91	215
R5000E 6350N	244	285	< 0.2	5.73	800	0.5	< 2	0.65	0.5	12	85	11	2.24	1.17	0.82	430
R5000E 6400N	244	285	< 0.2	5.34	1240	0.5	2	1.31	< 0.5	12	132	21	2.17	1.48	1.36	325
R5000E 6450N	244	285	< 0.2	7.21	1310	1.0	< 2	1.17	< 0.5	6	96	31	1.91	2.11	0.82	210
R5000E 6500N	244	285	< 0.2	4.66	1060	0.5	< 2	1.23	< 0.5	12	119	22	2.22	1.27	1.04	465
R5100E 4700N	244	285	< 0.2	6.32	1830	1.5	< 2	1.03	< 0.5	11	87	48	2.78	2.34	1.22	450
R5100E 4750N	244	285	< 0.2	6.04	2250	2.0	< 2	0.79	1.5	17	88	54	3.14	2.24	0.81	865
R5100E 4800N	244	285	0.4	5.99	5190	2.0	< 2	1.87	2.0	9	86	92	2.88	2.52	1.64	265
R5100E 4850N	244	285	< 0.2	6.29	2660	1.5	< 2	0.57	< 0.5	13	106	51	2.94	2.19	0.68	365
R5100E 4900N	244	285	1.2	6.91	1760	1.5	< 2	1.14	0.5	7	68	59	2.44	2.17	0.68	340
R5100E 4950N	244	285	< 0.2	5.54	2030	1.5	< 2	0.32	0.5	7	102	41	3.47	1.69	0.68	270
R5100E 5000N	244	285	< 0.2	5.93	2420	2.0	< 2	0.38	0.5	10	117	83	3.60	1.88	0.84	350
R5100E 5050N	244	285	< 0.2	6.19	2770	2.0	< 2	0.39	0.5	8	115	50	3.48	1.95	0.76	335
R5100E 5100N	244	285	1.0	5.58	3070	2.0	< 2	0.65	0.5	10	121	85	2.48	1.87	0.86	265

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN: DAVID TERRY

Page Number : 1-B
Total Pages : 4
Certificate Date: 30-JUL-97
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CERTIFICATE OF ANALYSIS A9731969

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)
R5000E 4600N	244	285	4	1.26	41	960	10	311	0.14	65	< 10	50
R5000E 4650N	244	285	1	0.88	119	910	8	197	0.13	72	< 10	92
R5000E 4700N	244	285	3	0.28	246	1800	10	64	0.19	129	< 10	92
R5000E 4750N	244	285	5	0.75	47	850	10	208	0.12	154	< 10	96
R5000E 4800N	244	285	4	0.34	29	630	12	68	0.15	140	< 10	84
R5000E 4850N	244	285	5	0.87	64	1440	16	168	0.20	211	< 10	142
R5000E 4900N	244	285	6	0.40	70	1420	20	102	0.18	264	< 10	146
R5000E 4950N	244	285	10	0.62	41	1950	22	114	0.26	328	< 10	150
R5000E 5000N	244	285	7	0.58	34	870	18	104	0.21	272	< 10	130
R5000E 5100N	244	285	8	0.50	33	1010	22	90	0.22	276	< 10	128
R5000E 5150N	244	285	6	1.66	18	1210	10	354	0.15	80	< 10	76
R5000E 5200N	244	285	6	0.38	42	2010	12	115	0.17	261	< 10	150
R5000E 5250N	244	285	7	0.41	42	1870	20	101	0.20	326	< 10	158
R5000E 5300N	244	285	9	0.28	46	2300	6	129	0.06	61	< 10	100
R5000E 5400N	244	285	3	0.99	25	1480	32	230	0.20	271	< 10	102
R5000E 5500N	244	285	5	0.73	24	1100	8	229	0.10	49	< 10	140
R5000E 5550N	244	285	9	0.56	28	1130	58	157	0.12	110	< 10	220
R5000E 5600N	244	285	3	0.76	22	1340	14	212	0.14	136	< 10	152
R5000E 5700N	244	285	4	1.33	16	1550	8	277	0.14	118	< 10	92
R5000E 5750N	244	285	3	0.24	538	1000	16	74	0.30	221	< 10	202
R5000E 5800N	244	285	3	0.81	580	1270	16	219	0.16	186	< 10	160
R5000E 5850N	244	285	< 1	0.43	1145	1020	36	117	0.27	226	< 10	218
R5000E 5900N	244	285	15	0.51	3390	1130	14	217	0.09	70	< 10	180
R5000E 5950N	244	285	3	0.69	340	1190	12	195	0.16	123	< 10	182
R5000E 6200N	244	285	< 1	0.67	135	850	12	117	0.19	116	< 10	84
R5000E 6250N	244	285	3	0.53	102	650	12	75	0.21	131	< 10	144
R5000E 6300N	244	285	2	0.43	81	200	14	35	0.17	83	< 10	62
R5000E 6350N	244	285	4	1.04	33	290	16	145	0.26	107	< 10	174
R5000E 6400N	244	285	4	0.81	80	960	12	108	0.21	118	< 10	54
R5000E 6450N	244	285	3	1.53	40	360	18	268	0.21	129	< 10	54
R5000E 6500N	244	285	< 1	0.68	72	630	16	93	0.17	108	< 10	66
R5100E 4700N	244	285	5	0.45	59	1170	20	86	0.15	205	< 10	106
R5100E 4750N	244	285	5	0.33	42	970	18	75	0.14	158	< 10	112
R5100E 4800N	244	285	4	0.32	59	1390	16	125	0.17	176	< 10	186
R5100E 4850N	244	285	5	0.54	38	1260	14	116	0.19	163	< 10	92
R5100E 4900N	244	285	9	1.69	40	1080	16	350	0.21	257	< 10	120
R5100E 4950N	244	285	6	0.44	43	1560	20	74	0.25	262	< 10	156
R5100E 5000N	244	285	10	0.39	62	2020	24	94	0.23	319	< 10	194
R5100E 5050N	244	285	7	0.49	46	2030	18	101	0.33	318	< 10	192
R5100E 5100N	244	285	7	0.39	56	2090	20	116	0.25	362	< 10	162

CERTIFICATION: _____

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R5100E 5150N	244	285	< 0.2	4.26	1980	1.0	< 2	0.64	1.5	6	84	45	1.80	1.63	0.50	300
R5100E 5200N	244	285	< 0.2	5.79	2280	1.5	< 2	0.52	1.0	9	70	35	3.56	2.15	0.74	520
R5100E 5250N	244	285	0.8	6.04	3140	2.0	< 2	1.05	1.0	8	87	195	2.35	2.13	0.84	540
R5100E 5300N	244	285	0.4	5.47	1850	1.5	< 2	0.70	1.0	11	124	60	3.45	1.55	0.93	445
R5100E 5350N	244	285	0.4	3.28	910	0.5	< 2	1.47	3.5	9	19	61	1.15	0.96	0.39	875
R5100E 5450N	244	285	0.8	5.78	2890	2.0	< 2	0.26	2.0	12	84	54	2.38	2.58	0.58	355
R5100E 5500N	244	285	< 0.2	5.24	2010	1.5	< 2	0.50	0.5	4	65	32	1.90	2.07	0.61	145
R5100E 5550N	244	285	< 0.2	6.00	2090	1.5	< 2	0.39	0.5	6	76	33	2.35	2.45	0.61	445
R5100E 5600N	244	285	< 0.2	4.32	1430	1.5	2	1.43	2.0	6	45	38	1.57	1.59	0.55	510
R5100E 5650N	244	285	0.4	5.38	1340	1.0	2	1.56	3.5	7	39	35	1.89	1.53	0.58	850
R5100E 5700N	244	285	1.4	4.35	1560	0.5	< 2	1.11	2.5	3	47	28	0.93	1.27	0.41	330
R5100E 5750N	244	285	< 0.2	6.11	1040	1.0	2	0.40	< 0.5	13	155	24	3.93	1.02	1.42	395
R5100E 5800N	244	285	< 0.2	4.59	1430	1.0	< 2	1.65	0.5	10	116	58	2.23	1.20	1.19	495
R5100E 5900N	244	285	< 0.2	4.25	1150	1.0	< 2	0.99	0.5	25	397	37	2.91	1.28	3.91	465
R5100E 5950N	244	285	< 0.2	4.60	1260	1.0	< 2	1.19	0.5	24	272	40	2.50	1.32	2.72	510
R5100E 6100N	244	285	< 0.2	5.33	1060	1.0	< 2	1.36	0.5	14	138	32	2.48	1.53	1.45	640
R5100E 6150N	244	285	0.4	6.20	1560	1.5	< 2	1.09	< 0.5	16	189	33	3.11	1.86	1.79	715
R5100E 6200N	244	285	0.4	5.80	1150	1.0	< 2	1.60	< 0.5	10	105	32	2.18	1.62	1.21	405
R5100E 6250N	244	285	< 0.2	5.31	1210	1.0	< 2	0.70	< 0.5	13	202	18	2.74	1.45	1.77	425
R5100E 6300N	244	285	< 0.2	5.46	1180	1.0	< 2	0.77	< 0.5	13	165	12	2.78	1.55	1.41	465
R5100E 6350N	244	285	< 0.2	5.40	1090	0.5	< 2	1.13	< 0.5	7	125	21	1.71	1.50	0.86	305
R5100E 6400N	244	285	< 0.2	5.22	1010	1.0	< 2	0.51	< 0.5	12	140	12	3.54	1.33	1.12	635
R5100E 6450N	244	285	< 0.2	5.81	1590	1.5	< 2	0.74	< 0.5	17	152	37	3.08	1.71	1.31	700
R5100E 6500N	244	285	< 0.2	5.39	1420	1.5	< 2	0.91	< 0.5	14	152	37	2.86	1.51	1.37	435
R5200E 4650N	244	285	< 0.2	2.33	700	0.5	< 2	3.24	1.0	3	33	64	1.02	0.68	0.62	300
R5200E 4700N	244	285	< 0.2	6.01	1870	2.0	< 2	2.50	0.5	9	81	52	2.96	2.26	1.53	645
R5200E 4750N	244	285	< 0.2	4.67	1270	1.0	< 2	2.09	2.5	14	66	52	2.31	1.48	0.73	945
R5200E 4800N	244	285	< 0.2	5.81	2130	1.5	< 2	0.93	1.0	14	126	57	2.97	1.87	0.84	795
R5200E 4850N	244	285	< 0.2	4.97	1260	1.0	< 2	0.93	2.0	13	43	36	1.27	1.44	0.43	1520
R5200E 4900N	244	285	< 0.2	5.58	2070	1.5	< 2	0.55	1.0	8	89	45	2.89	1.84	0.69	375
R5200E 4950N	244	285	< 0.2	5.29	2070	1.5	< 2	0.31	< 0.5	3	92	23	2.32	1.66	0.59	230
R5200E 5000N	244	285	< 0.2	5.60	2520	1.5	< 2	0.39	1.0	8	109	55	2.87	1.89	0.70	280
R5200E 5100N	244	285	0.8	5.62	2860	2.0	< 2	0.71	2.0	14	122	66	3.05	1.85	0.85	1130
R5200E 5150N	244	285	0.8	5.45	3110	2.0	< 2	0.65	4.5	9	112	67	3.22	1.93	0.66	305
R5200E 5200N	244	285	0.6	5.84	3160	2.0	< 2	0.50	< 0.5	10	88	71	3.14	2.02	1.13	275
R5200E 5250N	244	285	0.4	5.62	2310	1.5	2	0.54	0.5	6	80	48	2.80	1.79	0.67	205
R5200E 5300N	244	285	0.4	5.13	1690	1.5	< 2	0.53	< 0.5	3	80	87	1.63	1.75	0.51	140
R5200E 5350N	244	285	< 0.2	3.98	710	0.5	< 2	2.57	1.5	3	16	66	1.10	1.13	0.64	235
R5200E 5400N	244	285	< 0.2	6.36	2120	2.0	2	4.64	0.5	9	60	33	2.84	2.96	3.25	520
R5200E 5450N	244	285	< 0.2	5.84	1200	1.0	< 2	2.09	0.5	5	41	46	2.03	1.87	0.74	435

CERTIFICATION: Ian Bouchler

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

Project : 6410
Comments: ATTN: DAVID TERRY

Certificate Date: 30-JUL-97
Invoice No. : I9731969
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731969

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)				
R5100E 5150N	244	285	13	0.40	36	1640	14	140	0.14	410	< 10	130				
R5100E 5200N	244	285	2	0.24	37	700	18	62	0.23	157	< 10	182				
R5100E 5250N	244	285	5	0.86	73	1830	14	212	0.18	230	< 10	202				
R5100E 5300N	244	285	3	0.64	58	1450	30	118	0.24	255	< 10	190				
R5100E 5350N	244	285	3	0.96	32	1580	10	261	0.08	45	< 10	106				
R5100E 5450N	244	285	1	0.14	40	820	14	30	0.18	206	< 10	196				
R5100E 5500N	244	285	2	0.36	20	700	24	70	0.18	129	< 10	112				
R5100E 5550N	244	285	< 1	0.24	27	670	14	51	0.18	105	< 10	222				
R5100E 5600N	244	285	1	0.56	24	910	14	168	0.11	84	< 10	162				
R5100E 5650N	244	285	7	1.41	25	1480	18	350	0.16	117	< 10	226				
R5100E 5700N	244	285	2	1.19	19	1070	14	294	0.13	604	< 10	122				
R5100E 5750N	244	285	1	0.44	75	220	14	54	0.46	233	< 10	132				
R5100E 5800N	244	285	< 1	0.72	219	1110	12	201	0.17	139	< 10	88				
R5100E 5900N	244	285	< 1	0.53	311	1090	16	101	0.21	168	< 10	150				
R5100E 5950N	244	285	< 1	0.69	280	1030	10	146	0.19	142	< 10	136				
R5100E 6100N	244	285	< 1	1.05	116	750	40	198	0.20	102	< 10	112				
R5100E 6150N	244	285	1	0.81	121	810	30	118	0.24	153	< 10	128				
R5100E 6200N	244	285	2	1.54	97	450	12	291	0.21	89	< 10	60				
R5100E 6250N	244	285	< 1	0.73	126	400	10	82	0.30	134	< 10	74				
R5100E 6300N	244	285	< 1	0.86	74	400	12	97	0.31	142	< 10	76				
R5100E 6350N	244	285	< 1	0.93	33	370	12	120	0.29	131	< 10	84				
R5100E 6400N	244	285	< 1	0.77	47	370	10	92	0.33	170	< 10	66				
R5100E 6450N	244	285	< 1	0.70	73	1060	12	112	0.28	148	< 10	92				
R5100E 6500N	244	285	< 1	0.66	99	680	12	78	0.27	150	< 10	92				
R5200E 4650N	244	285	2	0.35	34	1220	10	197	0.07	78	< 10	108				
R5200E 4700N	244	285	2	0.41	50	1200	20	128	0.19	176	< 10	108				
R5200E 4750N	244	285	2	0.69	52	950	12	215	0.15	138	< 10	114				
R5200E 4800N	244	285	5	0.62	48	1690	16	128	0.21	237	< 10	124				
R5200E 4850N	244	285	6	1.20	20	1380	8	236	0.14	111	< 10	68				
R5200E 4900N	244	285	5	0.77	40	2090	18	151	0.22	212	< 10	170				
R5200E 4950N	244	285	2	0.46	24	1210	16	73	0.25	280	< 10	116				
R5200E 5000N	244	285	8	0.42	48	1360	16	100	0.21	326	< 10	188				
R5200E 5100N	244	285	7	0.36	52	2110	20	122	0.19	388	< 10	198				
R5200E 5150N	244	285	9	0.31	101	3120	24	208	0.20	616	< 10	462				
R5200E 5200N	244	285	2	0.36	71	1300	18	79	0.30	244	< 10	176				
R5200E 5250N	244	285	5	0.88	36	1840	20	179	0.29	304	< 10	134				
R5200E 5300N	244	285	3	0.90	28	1210	12	175	0.22	229	< 10	126				
R5200E 5350N	244	285	< 1	1.21	33	690	10	374	0.11	46	< 10	160				
R5200E 5400N	244	285	< 1	0.21	39	540	22	147	0.15	63	< 10	318				
R5200E 5450N	244	285	2	1.37	30	1000	16	361	0.15	81	< 10	156				

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN: DAVID TERRY

Certificate Date: 30-JUL-97
Invoice No. : I9731969
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731969

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)
R5200E 5500N	244	285	< 0.2	5.68	2160	1.5	< 2	0.90	1.0	6	72	32	1.93	2.34	0.71	415
R5200E 5550N	244	285	< 0.2	5.41	2050	1.5	< 2	0.82	0.5	7	79	38	2.11	1.90	0.80	220
R5200E 5600N	244	285	< 0.2	4.73	2260	1.0	< 2	1.51	1.0	7	82	36	2.08	1.55	0.88	340
R5200E 5650N	244	285	0.6	5.17	3330	1.5	< 2	0.93	2.0	11	98	54	2.66	1.83	0.84	510
R5200E 5700N	244	285	< 0.2	5.18	1760	1.0	< 2	0.89	< 0.5	11	143	31	2.80	1.33	1.42	495
R5200E 5750N	244	285	< 0.2	3.43	1370	0.5	< 2	1.62	7.5	31	96	45	1.98	0.96	0.93	2150
R5200E 5800N	244	285	< 0.2	4.84	1060	0.5	< 2	1.92	2.5	5	47	38	1.38	1.35	0.66	415
R5200E 5850N	244	285	< 0.2	4.74	1480	0.5	< 2	1.14	1.5	16	270	40	2.23	1.35	2.37	545
R5200E 5900N	244	285	< 0.2	2.70	820	0.5	< 2	1.92	2.0	7	68	39	1.16	0.72	1.01	780
R5200E 6150N	244	285	< 0.2	5.07	1020	0.5	< 2	2.30	0.5	8	89	36	1.86	1.27	1.16	420
R5200E 6200N	244	285	< 0.2	5.35	1180	0.5	< 2	1.82	< 0.5	9	115	43	2.02	1.41	1.31	325
R5200E 6250N	244	285	0.4	5.51	1760	1.0	< 2	1.95	< 0.5	13	134	89	2.78	1.35	1.28	485
R5200E 6300N	244	285	< 0.2	4.89	1020	0.5	< 2	0.65	< 0.5	4	97	9	1.71	1.40	0.81	230
R5200E 6350N	244	285	< 0.2	5.13	1260	0.5	< 2	0.69	< 0.5	14	190	34	2.85	1.38	1.60	420
R5200E 6400N	244	285	0.4	5.91	1830	1.0	< 2	0.80	< 0.5	13	179	65	3.49	1.47	1.45	470
R5200E 6450N	244	285	< 0.2	5.18	1110	0.5	< 2	0.60	< 0.5	14	151	15	3.21	1.23	1.38	490
R5200E 6500N	244	285	< 0.2	4.38	1380	0.5	< 2	1.80	< 0.5	15	130	41	2.60	0.96	1.19	605
R5300E 4550N	244	285	< 0.2	6.17	1080	0.5	< 2	1.15	< 0.5	4	50	19	1.84	1.70	0.66	235
R5300E 4700N	244	285	< 0.2	5.98	2310	1.5	< 2	0.66	0.5	14	137	38	3.10	1.88	0.95	415
R5300E 4750N	244	285	0.6	5.47	3010	1.5	< 2	0.88	1.5	14	112	115	3.28	1.89	0.97	580
R5300E 4800N	244	285	0.8	6.00	2950	1.5	< 2	0.73	0.5	14	118	84	3.07	1.84	0.94	635
R5300E 4900N	244	285	0.6	5.73	2790	1.5	< 2	1.00	0.5	10	93	67	2.48	1.74	0.90	770
R5300E 4950N	244	285	0.4	5.68	2850	1.5	< 2	0.73	0.5	13	143	95	2.68	1.82	0.84	470
R5300E 5000N	244	285	< 0.2	4.94	2080	1.0	< 2	0.73	< 0.5	6	94	39	2.19	1.57	0.71	210
R5300E 5100N	244	285	< 0.2	4.84	2120	1.0	< 2	0.57	0.5	6	92	21	2.46	1.46	0.89	410
R5300E 5500N	244	285	< 0.2	5.80	2450	1.5	< 2	0.55	0.5	5	104	41	1.82	1.98	0.89	175
R5300E 6050N	244	285	0.4	7.65	1070	2.0	< 2	0.58	< 0.5	13	127	49	3.03	2.89	1.39	800
R5300E 6100N	244	285	< 0.2	5.47	1340	1.0	< 2	0.92	< 0.5	15	167	25	2.84	1.50	1.71	560
R5300E 6150N	244	285	0.4	5.32	1290	1.0	< 2	1.18	< 0.5	16	159	37	2.61	1.47	1.51	735
R5300E 6200N	244	285	< 0.2	5.17	1240	0.5	< 2	1.03	< 0.5	13	179	26	2.48	1.36	1.70	370
R5300E 6350N	244	285	< 0.2	4.67	1240	0.5	< 2	1.25	< 0.5	11	138	27	2.25	1.17	1.30	400
R5300E 6400N	244	285	< 0.2	4.50	1060	0.5	< 2	1.81	< 0.5	7	93	25	1.75	1.10	1.03	335
R5300E 6450N	244	285	< 0.2	4.58	890	0.5	< 2	0.99	< 0.5	4	67	11	1.65	1.19	0.68	270
R5300E 6500N	244	285	< 0.2	3.76	1100	0.5	< 2	2.91	< 0.5	6	46	36	1.42	0.94	0.62	485
R5400E 4700N	244	285	< 0.2	3.15	540	< 0.5	< 2	2.24	< 0.5	2	7	43	0.79	0.76	0.51	180
R5400E 4750N	244	285	3.2	5.26	1340	1.0	< 2	1.75	< 0.5	7	40	114	2.00	1.38	0.62	370
R5400E 4800N	244	285	0.4	5.23	2050	1.0	< 2	0.89	0.5	4	84	28	1.88	1.60	0.66	205
R5400E 4850N	244	285	0.6	5.92	2140	1.0	< 2	0.97	0.5	6	84	40	2.00	1.75	0.74	305
R5400E 4900N	244	285	2.8	5.54	2430	1.5	< 2	0.90	< 0.5	8	98	248	2.64	1.67	0.76	415
R5400E 4950N	244	285	1.2	5.90	4000	2.0	< 2	1.17	1.5	14	127	227	4.62	2.13	1.29	590

CERTIFICATION: [illegible]

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

Project : 6410
Comments: ATTN: DAVID TERRY

Certificate Date: 30-JUL-97
Invoice No. : I9731969
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731969

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)
R5200E 5500N	244 285	2	0.43	29	850	16	110	0.14	123	< 10	202
R5200E 5550N	244 285	3	0.60	37	580	16	136	0.16	187	< 10	184
R5200E 5600N	244 285	4	0.51	38	1620	18	163	0.17	255	< 10	244
R5200E 5650N	244 285	6	0.38	54	1610	22	126	0.18	306	< 10	272
R5200E 5700N	244 285	4	0.49	57	1520	16	106	0.34	241	< 10	186
R5200E 5750N	244 285	7	0.48	91	1510	10	161	0.13	132	< 10	456
R5200E 5800N	244 285	3	1.57	56	890	12	371	0.15	65	< 10	236
R5200E 5850N	244 285	2	0.59	185	980	16	113	0.21	174	< 10	234
R5200E 5900N	244 285	1	0.38	156	1140	10	152	0.09	63	< 10	142
R5200E 6150N	244 285	2	1.10	101	840	12	287	0.16	85	< 10	96
R5200E 6200N	244 285	1	1.05	121	810	12	252	0.15	100	< 10	110
R5200E 6250N	244 285	2	0.86	133	990	16	249	0.17	125	< 10	98
R5200E 6300N	244 285	2	0.95	27	250	12	116	0.33	129	< 10	54
R5200E 6350N	244 285	1	0.75	107	1040	16	87	0.32	158	< 10	88
R5200E 6400N	244 285	4	0.73	81	780	24	97	0.32	189	< 10	90
R5200E 6450N	244 285	< 1	0.72	67	330	16	76	0.36	160	< 10	74
R5200E 6500N	244 285	3	0.51	119	780	16	118	0.21	132	< 10	56
R5300E 4550N	244 285	3	1.61	18	710	14	317	0.22	111	< 10	56
R5300E 4700N	244 285	3	0.47	52	1170	20	80	0.24	216	< 10	114
R5300E 4750N	244 285	6	0.39	89	2140	20	100	0.24	383	< 10	264
R5300E 4800N	244 285	6	0.47	66	1670	20	103	0.28	282	< 10	170
R5300E 4900N	244 285	8	0.82	56	1380	18	179	0.22	236	< 10	176
R5300E 4950N	244 285	6	0.42	65	1950	16	120	0.29	340	< 10	162
R5300E 5000N	244 285	5	0.66	38	1440	14	146	0.24	284	< 10	146
R5300E 5100N	244 285	11	0.53	26	1090	16	103	0.28	348	< 10	112
R5300E 5500N	244 285	2	0.38	34	940	20	78	0.22	188	< 10	194
R5300E 6050N	244 285	1	0.58	77	680	156	61	0.21	121	< 10	230
R5300E 6100N	244 285	< 1	0.72	116	450	16	98	0.32	158	< 10	88
R5300E 6150N	244 285	1	0.80	117	790	16	129	0.26	150	< 10	108
R5300E 6200N	244 285	1	0.72	105	680	14	93	0.29	145	< 10	82
R5300E 6350N	244 285	< 1	0.67	78	700	14	92	0.26	143	< 10	76
R5300E 6400N	244 285	< 1	1.01	40	770	14	164	0.25	102	< 10	62
R5300E 6450N	244 285	2	1.00	20	240	12	157	0.27	114	< 10	50
R5300E 6500N	244 285	1	0.81	41	820	12	187	0.15	68	< 10	38
R5400E 4700N	244 285	2	1.06	18	900	6	304	0.11	24	< 10	50
R5400E 4750N	244 285	7	1.35	44	1530	24	358	0.17	127	< 10	102
R5400E 4800N	244 285	3	0.80	25	1330	18	167	0.22	202	< 10	80
R5400E 4850N	244 285	4	1.06	30	970	18	224	0.23	246	< 10	114
R5400E 4900N	244 285	10	0.81	61	1970	34	245	0.21	359	< 10	186
R5400E 4950N	244 285	9	0.19	148	1880	22	96	0.19	344	< 10	366

CERTIFICATION: Ian J. Bradshaw

Chemex Labs Ltd.

Analytical Chemists *Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN: DAVID TERRY

Certificate Date: 30-JUL-97
Invoice No. : 19731969
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731969

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)
R5400E 5000N	244	285	< 0.2	4.85	2160	1.5	< 2	0.59	< 0.5	9	103	70	2.74	1.73	0.84	365
R5400E 5050N	244	285	0.4	5.63	3980	2.0	< 2	0.46	2.0	9	126	59	2.51	1.89	1.00	265
R5400E 6050N	244	285	< 0.2	4.46	890	0.5	< 2	1.51	< 0.5	11	106	27	2.07	1.24	1.08	425
R5400E 6100N	244	285	< 0.2	2.64	650	0.5	< 2	2.87	0.5	5	42	30	1.00	0.67	0.57	470
R5400E 6150N	244	285	< 0.2	2.75	770	0.5	< 2	3.15	1.5	6	43	32	1.08	0.72	0.58	860
R5400E 6200N	244	285	< 0.2	4.45	690	0.5	< 2	3.13	< 0.5	6	26	28	1.30	1.10	0.59	370
R5400E 6350N	244	285	< 0.2	4.96	1310	1.0	< 2	1.36	0.5	14	109	42	2.37	1.38	1.02	525
R5400E 6400N	244	285	0.4	5.48	1390	1.5	< 2	0.88	< 0.5	11	120	33	2.82	1.67	1.19	440
R5400E 6450N	244	285	< 0.2	4.19	630	0.5	< 2	2.59	< 0.5	3	12	19	1.04	1.08	0.44	325
R5400E 6500N	244	285	< 0.2	2.49	520	< 0.5	< 2	3.86	< 0.5	2	9	28	0.55	0.65	0.31	235
R5500E 4400N	244	285	< 0.2	8.01	1400	2.0	< 2	0.49	< 0.5	18	109	32	4.02	2.51	0.85	470
R5500E 4450N	244	285	< 0.2	7.99	1420	2.0	< 2	1.50	< 0.5	18	107	36	3.76	2.89	0.86	385
R5500E 4500N	244	285	< 0.2	6.47	1010	1.5	< 2	1.32	< 0.5	13	77	31	3.04	1.76	1.05	630
R5500E 4600N	244	285	< 0.2	6.61	1700	1.5	< 2	0.84	0.5	17	107	26	3.94	2.07	0.90	1390
R5500E 4650N	244	285	< 0.2	5.99	2110	1.5	2	0.79	0.5	13	113	46	3.04	2.00	0.87	315
R5500E 4950N	244	285	1.0	6.66	3400	2.0	< 2	0.81	1.5	8	106	83	2.81	2.35	0.91	250
R5500E 5000N	244	285	0.4	5.48	3650	1.5	< 2	0.33	1.5	10	88	51	3.35	1.67	1.08	265
R5500E 5050N	244	285	1.8	7.22	5420	3.5	< 2	1.59	6.0	11	462	265	3.28	2.96	0.79	120
R5500E 5100N	244	285	0.4	6.07	2530	2.0	< 2	0.59	< 0.5	10	133	46	2.71	2.02	1.16	305
R5500E 5150N	244	285	< 0.2	4.81	1680	1.5	< 2	0.68	0.5	8	108	45	2.29	1.64	0.95	280
R5500E 5200N	244	285	0.6	5.10	3550	1.5	< 2	1.13	1.5	12	78	105	2.50	1.75	0.88	760
R5500E 5250N	244	285	< 0.2	5.27	1730	1.5	< 2	0.49	0.5	15	133	52	2.78	1.58	1.02	430
R5500E 5700N	244	285	< 0.2	5.10	970	1.0	< 2	1.34	0.5	20	215	67	2.90	1.42	2.15	950
R5500E 6050N	244	285	< 0.2	5.95	1290	1.5	< 2	1.10	< 0.5	15	151	34	2.92	1.63	1.51	545
R5500E 6100N	244	285	< 0.2	5.61	1280	1.5	< 2	1.51	0.5	15	158	43	2.83	1.48	1.36	525
R5500E 6150N	244	285	< 0.2	5.54	1130	1.0	2	1.11	< 0.5	15	150	24	2.75	1.59	1.59	570
R5500E 6200N	244	285	< 0.2	4.94	1040	1.0	< 2	0.83	< 0.5	11	143	30	2.46	1.39	1.34	315
R5500E 6250N	244	285	0.6	6.58	1680	2.0	< 2	0.85	< 0.5	15	162	80	3.20	1.98	1.40	595
R5500E 6300N	244	285	< 0.2	6.33	1780	1.5	< 2	0.85	< 0.5	8	117	32	2.26	2.24	0.89	270
R5500E 6350N	244	285	< 0.2	5.00	1340	1.5	< 2	0.80	0.5	12	133	34	2.33	1.59	1.17	325
R5500E 6400N	244	285	< 0.2	5.01	1420	1.0	< 2	0.71	< 0.5	8	94	25	2.27	1.50	0.86	330
R5500E 6500N	244	285	< 0.2	5.07	740	0.5	< 2	3.43	< 0.5	3	8	22	1.04	1.49	0.43	420

CERTIFICATION:

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN: DAVID TERRY

Certificate Date: 30-JUL-97
Invoice No. : I9731969
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9731969

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)				
R5400E 5000N	244	285	6	0.36	63	2090	14	91	0.28	268	< 10	194				
R5400E 5050N	244	285	9	0.36	57	1910	22	79	0.28	529	< 10	196				
R5400E 6050N	244	285	1	0.79	66	780	12	153	0.22	105	< 10	92				
R5400E 6100N	244	285	2	0.53	46	930	8	164	0.09	46	< 10	68				
R5400E 6150N	244	285	1	0.56	62	830	10	180	0.09	44	< 10	86				
R5400E 6200N	244	285	1	1.44	23	920	8	364	0.15	45	< 10	74				
R5400E 6350N	244	285	2	0.69	87	820	16	122	0.21	124	< 10	94				
R5400E 6400N	244	285	3	0.76	73	700	16	106	0.26	144	< 10	96				
R5400E 6450N	244	285	2	1.37	13	600	10	296	0.11	31	< 10	28				
R5400E 6500N	244	285	1	0.82	18	710	6	232	0.06	16	< 10	38				
R5500E 4400N	244	285	1	0.69	42	950	22	97	0.31	155	< 10	114				
R5500E 4450N	244	285	3	0.56	51	710	18	102	0.22	132	< 10	112				
R5500E 4500N	244	285	1	0.89	43	1000	18	178	0.15	169	< 10	96				
R5500E 4600N	244	285	5	0.94	44	1190	20	178	0.24	211	< 10	124				
R5500E 4650N	244	285	3	0.59	57	1250	20	107	0.23	247	< 10	136				
R5500E 4950N	244	285	10	0.75	61	2420	22	219	0.26	432	< 10	254				
R5500E 5000N	244	285	9	0.38	46	1420	26	64	0.37	318	< 10	182				
R5500E 5050N	244	285	36	0.19	205	8550	24	276	0.32	2700	< 10	520				
R5500E 5100N	244	285	5	0.53	52	1360	22	90	0.28	236	< 10	142				
R5500E 5150N	244	285	4	0.49	50	1230	16	93	0.26	217	< 10	148				
R5500E 5200N	244	285	5	0.56	59	1210	18	159	0.21	161	< 10	142				
R5500E 5250N	244	285	8	0.44	93	1780	22	93	0.26	287	< 10	198				
R5500E 5700N	244	285	5	0.91	145	970	16	200	0.20	135	< 10	176				
R5500E 6050N	244	285	1	0.92	78	730	18	112	0.34	149	< 10	100				
R5500E 6100N	244	285	3	0.77	111	890	16	119	0.28	138	< 10	102				
R5500E 6150N	244	285	1	1.01	90	730	16	126	0.33	126	< 10	78				
R5500E 6200N	244	285	< 1	0.82	79	470	16	96	0.31	120	< 10	64				
R5500E 6250N	244	285	1	0.70	98	720	20	105	0.30	185	< 10	106				
R5500E 6300N	244	285	3	0.60	30	340	18	92	0.30	203	< 10	76				
R5500E 6350N	244	285	3	0.72	79	840	60	100	0.27	139	< 10	94				
R5500E 6400N	244	285	2	0.74	43	350	20	91	0.24	134	< 10	82				
R5500E 6500N	244	285	1	2.04	11	670	12	452	0.12	24	< 10	32				

CERTIFICATION: [signature]

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

A9733034

Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

CERTIFICATE A9733034

(GP W) - WESTMIN RESOURCES LTD.

Project: 6410
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 27-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	4	Geochem ring to approx 150 mesh
226	4	0-3 Kg crush and split
3202	4	Rock - save entire reject
285	4	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	4	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	4	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	4	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	4	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	4	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	4	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	4	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	4	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	4	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	4	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	4	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	4	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	4	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	4	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	4	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	4	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	4	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	4	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	4	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	4	Pb ppm: 24 element, rock & core	AAS	2	10000
582	4	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	4	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	4	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	4	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	4	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.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Page Number : 1-A
Total Pages : 1
Certificate Date: 27-JUL-97
Invoice No. : I9733034
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9733034

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)
DTWV97-1A	205 226	< 5	< 0.2	3.38	1670	0.5	< 2	8.56	< 0.5	22	348	23	4.94	1.36	2.85
DTWV97-1B	205 226	< 5	< 0.2	3.23	1640	0.5	< 2	9.77	< 0.5	26	297	3	5.47	1.51	4.52
DTWV97-2	205 226	< 5	< 0.2	1.35	1010	< 0.5	< 2	14.20	< 0.5	1	26	1	0.94	0.63	9.16
DTWV97-3	205 226	< 5	0.4	0.95	520	0.5	< 2	0.09	< 0.5	< 1	150	50	0.31	0.54	0.17

CERTIFICATION: Stan Bichler

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

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 27-JUL-97
Invoice No. :I9733034
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9733034

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)			
DTWV97-1A	205	226	980	< 1	0.38	94	610	4	187	0.29	128	< 10	60			
DTWV97-1B	205	226	1285	1	0.07	106	1040	4	176	0.25	78	< 10	56			
DTWV97-2	205	226	330	2	< 0.01	12	250	6	811	0.05	25	10	52			
DTWV97-3	205	226	20	3	0.01	13	120	4	35	0.05	1315	< 10	14			

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

A9739547

Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

CERTIFICATE A9739547

(GP W) - WESTMIN RESOURCES LTD.

Project: 6410
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 5-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	371	Dry, sieve to -80 mesh
202	371	save reject
285	371	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	371	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	371	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	371	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	371	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	371	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	371	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	371	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	371	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	371	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	371	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	371	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	371	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	371	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	371	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	371	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	371	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	371	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	371	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	371	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	371	Pb ppm: 24 element, rock & core	AAS	2	10000
582	371	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	371	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	371	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	371	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	371	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.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 05-SEP-97
Invoice No. :I9739547
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9739547

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)
173840	201	202	< 5	< 0.2	6.64	690	1.0	< 2	2.46	< 0.5	18	131	40	3.79	1.28	1.66
173841	201	202	< 5	< 0.2	5.84	620	1.0	< 2	1.65	< 0.5	12	67	43	2.62	1.14	1.21
173842	201	202	< 5	< 0.2	5.92	760	0.5	< 2	1.35	< 0.5	14	106	38	4.13	1.08	1.41
173843	201	202	< 5	< 0.2	6.80	670	0.5	< 2	2.78	< 0.5	18	143	40	4.24	1.18	1.64
173844	201	202	< 5	< 0.2	6.37	710	1.0	< 2	1.81	< 0.5	8	41	48	2.03	1.61	0.81
173845	201	202	< 5	< 0.2	5.73	800	1.0	< 2	1.64	< 0.5	11	103	25	3.19	1.31	1.21
173846	201	202	< 5	< 0.2	6.87	940	1.5	< 2	1.34	< 0.5	18	122	51	3.88	1.52	1.53
173847	201	202	< 5	< 0.2	7.16	680	0.5	< 2	1.96	< 0.5	25	150	93	4.58	1.31	2.43
173848	201	202	< 5	< 0.2	5.47	610	1.0	< 2	2.01	< 0.5	8	44	85	2.02	1.18	0.79
173849	201	202	< 5	< 0.2	6.28	790	1.0	< 2	1.86	< 0.5	6	30	39	1.84	1.67	0.66
173850	201	202	< 5	< 0.2	5.48	520	0.5	< 2	1.61	< 0.5	11	112	29	4.86	0.95	1.20
274001	201	202	< 5	< 0.2	5.50	440	0.5	< 2	2.00	< 0.5	20	174	32	5.24	0.79	1.82
274002	201	202	< 5	< 0.2	6.48	770	1.0	< 2	2.13	< 0.5	21	150	40	4.20	1.31	1.86
274003	201	202	< 5	< 0.2	5.94	510	0.5	< 2	2.01	< 0.5	8	81	40	3.33	1.07	0.92
274004	201	202	< 5	< 0.2	6.48	660	0.5	< 2	2.44	< 0.5	16	137	40	4.22	1.17	1.81
274005	201	202	< 5	< 0.2	6.82	1180	1.5	< 2	1.56	< 0.5	16	109	79	4.17	1.37	1.43
274006	201	202	< 5	0.4	6.58	1100	1.0	< 2	1.50	< 0.5	11	96	49	3.04	1.55	1.12
274007	201	202	< 5	< 0.2	4.27	800	0.5	< 2	2.88	< 0.5	7	48	82	1.97	0.89	0.75
274008	201	202	< 5	< 0.2	5.22	650	0.5	< 2	2.75	< 0.5	5	20	43	1.55	1.33	0.59
274009	201	202	< 5	< 0.2	6.28	1100	1.0	< 2	1.16	< 0.5	5	69	22	2.27	1.60	0.73
274010	201	202	< 5	< 0.2	2.79	690	1.0	< 2	3.84	< 0.5	3	40	182	1.31	0.47	0.37
274011	201	202	< 5	< 0.2	4.40	610	0.5	< 2	2.57	< 0.5	4	18	78	1.28	0.96	0.43
274012	201	202	< 5	< 0.2	4.60	500	0.5	< 2	3.27	< 0.5	5	14	43	1.60	0.94	0.62
274013	201	202	< 5	< 0.2	7.52	950	1.0	< 2	2.40	< 0.5	19	129	35	4.54	1.39	1.92
274014	201	202	< 5	< 0.2	5.37	800	0.5	< 2	2.28	< 0.5	9	48	47	2.00	1.20	0.81
274015	201	202	< 5	< 0.2	6.24	750	1.0	< 2	2.37	< 0.5	5	18	32	1.63	1.58	0.64
274016	201	202	< 5	< 0.2	6.65	1300	1.5	< 2	1.45	< 0.5	13	107	29	2.97	1.66	1.23
274017	201	202	< 5	< 0.2	7.14	850	1.0	< 2	1.50	< 0.5	4	34	20	1.77	1.98	0.63
274018	201	202	< 5	< 0.2	7.41	1560	1.5	< 2	1.07	< 0.5	10	115	30	3.05	1.86	1.38
274019	201	202	< 5	< 0.2	6.60	1360	1.5	< 2	1.11	< 0.5	13	125	30	3.37	1.72	1.34
274020	201	202	< 5	< 0.2	6.18	1350	1.0	< 2	0.66	< 0.5	10	130	28	5.10	1.58	1.27
274021	201	202	< 5	< 0.2	5.99	1500	1.0	< 2	0.80	< 0.5	9	94	21	3.30	1.62	1.23
274022	201	202	< 5	< 0.2	5.51	1280	1.0	< 2	1.66	2.0	10	59	77	3.03	1.33	0.99
274023	201	202	< 5	< 0.2	6.45	1510	1.0	< 2	1.10	< 0.5	20	103	47	4.12	1.57	1.94
274024	201	202	< 5	< 0.2	6.87	1180	1.0	< 2	1.41	< 0.5	9	92	47	3.01	2.01	1.27
274025	201	202	< 5	< 0.2	6.62	890	1.0	< 2	1.52	< 0.5	5	31	47	1.83	1.72	0.65
274026	201	202	60	< 0.2	7.26	1570	1.0	< 2	1.09	< 0.5	29	151	29	5.28	1.59	2.24
274027	201	202	< 5	< 0.2	6.00	860	1.0	< 2	2.63	< 0.5	5	15	55	1.61	1.56	0.62
274028	201	202	< 5	< 0.2	7.09	1180	1.0	< 2	1.51	< 0.5	11	61	61	2.65	1.72	1.09
274029	201	202	< 5	< 0.2	6.66	1070	1.0	< 2	1.71	< 0.5	6	32	44	2.02	1.92	0.84

CERTIFICATION: [signature]

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

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Page Number : 1-B
Total Pages : 10
Certificate Date: 05-SEP-97
Invoice No. : I9739547
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9739547

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)
173840	201 202	825	< 1	1.63	46	690	8	220	0.47	161	< 10	78
173841	201 202	545	< 1	1.61	31	1810	6	228	0.28	90	< 10	62
173842	201 202	790	< 1	1.05	39	720	6	114	0.46	154	< 10	62
173843	201 202	660	< 1	1.54	48	520	4	188	0.53	174	< 10	68
173844	201 202	555	< 1	2.18	17	1410	6	386	0.23	65	< 10	54
173845	201 202	445	< 1	1.43	35	570	8	185	0.41	143	< 10	58
173846	201 202	580	< 1	1.41	49	620	6	158	0.42	163	< 10	84
173847	201 202	815	< 1	1.49	63	900	< 2	137	0.45	170	< 10	82
173848	201 202	420	< 1	1.52	22	1620	4	273	0.19	64	< 10	46
173849	201 202	430	< 1	2.21	15	950	6	394	0.23	57	< 10	46
173850	201 202	490	< 1	1.10	24	720	6	134	0.57	200	< 10	72
274001	201 202	1020	< 1	1.17	41	1700	4	109	0.74	220	< 10	70
274002	201 202	835	< 1	1.43	57	680	6	174	0.47	174	< 10	78
274003	201 202	380	< 1	1.52	17	880	6	227	0.60	199	< 10	48
274004	201 202	610	< 1	1.53	41	460	4	260	0.55	181	< 10	68
274005	201 202	690	< 1	1.50	59	1150	6	177	0.46	161	< 10	78
274006	201 202	570	< 1	1.61	42	1280	10	238	0.35	121	< 10	74
274007	201 202	525	< 1	0.99	27	1880	6	267	0.22	75	< 10	54
274008	201 202	490	< 1	1.80	13	950	6	403	0.17	42	< 10	38
274009	201 202	320	< 1	2.02	16	670	10	248	0.53	141	< 10	44
274010	201 202	290	< 1	0.39	22	2530	4	143	0.10	41	< 10	34
274011	201 202	335	< 1	1.45	12	1670	4	326	0.15	33	< 10	30
274012	201 202	345	< 1	1.57	9	1100	4	406	0.20	49	< 10	36
274013	201 202	740	< 1	2.23	52	850	4	295	0.86	201	< 10	72
274014	201 202	450	< 1	1.69	23	1160	6	295	0.28	72	< 10	54
274015	201 202	430	< 1	2.36	9	1090	6	498	0.19	47	< 10	44
274016	201 202	595	< 1	1.56	53	970	10	219	0.38	123	< 10	98
274017	201 202	345	< 1	2.70	8	710	8	470	0.29	72	< 10	46
274018	201 202	425	< 1	1.72	53	1030	8	229	0.36	130	< 10	88
274019	201 202	660	< 1	1.53	53	790	8	189	0.46	142	< 10	86
274020	201 202	730	< 1	1.30	38	1590	12	107	0.65	216	< 10	90
274021	201 202	525	< 1	1.43	34	540	8	151	0.44	150	< 10	74
274022	201 202	1095	< 1	1.33	35	2400	8	259	0.23	107	< 10	98
274023	201 202	1265	< 1	1.54	53	1160	12	136	0.80	177	< 10	106
274024	201 202	580	< 1	2.18	30	1580	8	339	0.51	141	< 10	66
274025	201 202	380	< 1	2.51	13	730	10	454	0.24	64	< 10	52
274026	201 202	1960	< 1	1.55	53	1140	12	163	0.75	209	< 10	118
274027	201 202	430	< 1	2.34	13	900	10	548	0.19	44	< 10	68
274028	201 202	510	< 1	2.12	27	920	10	407	0.23	96	< 10	62
274029	201 202	475	< 1	2.44	16	760	6	465	0.29	68	< 10	50

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 05-SEP-97
Invoice No. :I9739547
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9739547

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)
274030	201	202	< 5	< 0.2	7.04	520	0.5	< 2	2.33	< 0.5	14	175	23	4.23	1.17	1.94
274031	201	202	< 5	< 0.2	7.06	710	1.0	< 2	2.09	< 0.5	5	42	20	2.24	1.88	0.80
274032	201	202	< 5	< 0.2	6.87	740	1.0	< 2	1.99	< 0.5	7	32	25	2.12	1.80	0.86
274033	201	202	< 5	< 0.2	5.92	810	0.5	< 2	1.76	< 0.5	10	120	25	3.71	1.29	1.20
274034	201	202	< 5	< 0.2	6.08	660	0.5	< 2	1.76	< 0.5	7	76	20	2.48	1.20	0.95
274035	201	202	< 5	< 0.2	6.89	750	1.0	< 2	1.57	< 0.5	4	33	18	1.88	1.83	0.67
274036	201	202	< 5	< 0.2	7.00	660	1.0	< 2	1.70	0.5	16	128	69	4.01	1.06	1.17
274037	201	202	10	< 0.2	6.31	900	1.0	< 2	1.61	< 0.5	19	207	50	3.25	1.46	2.29
274038	201	202	< 5	< 0.2	6.47	770	1.0	< 2	1.40	< 0.5	22	363	27	2.87	1.73	3.17
274039	201	202	< 5	< 0.2	6.09	930	1.0	< 2	1.55	< 0.5	16	176	27	2.89	1.41	1.92
274040	201	202	< 5	< 0.2	5.04	540	0.5	< 2	1.38	< 0.5	31	322	18	3.73	1.23	3.95
274041	201	202	< 5	< 0.2	5.79	740	0.5	< 2	1.39	< 0.5	31	304	22	4.23	1.34	2.74
274042	201	202	< 5	< 0.2	6.11	660	0.5	< 2	1.12	< 0.5	5	65	17	2.83	1.52	0.67
274043	201	202	130	< 0.2	6.70	960	1.0	< 2	1.27	< 0.5	10	89	37	2.80	1.11	0.90
274044	201	202	5	< 0.2	6.82	1210	1.5	< 2	0.83	< 0.5	11	192	15	3.44	1.82	1.54
274045	201	202	< 5	< 0.2	7.39	820	1.0	< 2	1.59	< 0.5	13	146	21	2.51	1.34	1.09
274046	201	202	< 5	< 0.2	6.27	830	0.5	< 2	1.06	< 0.5	38	542	17	4.86	1.14	3.04
274047	201	202	< 5	< 0.2	5.77	980	0.5	< 2	0.89	< 0.5	7	143	15	2.32	1.62	1.16
274048	201	202	< 5	< 0.2	7.72	790	1.5	< 2	1.70	< 0.5	8	22	24	2.33	2.04	0.77
274049	201	202	< 5	< 0.2	2.91	440	0.5	< 2	3.60	< 0.5	5	43	72	0.95	0.71	0.73
274050	201	202	< 5	< 0.2	4.56	340	< 0.5	< 2	1.97	< 0.5	59	797	19	6.24	0.79	7.48
274051	201	202	< 5	< 0.2	5.46	1150	1.5	< 2	1.11	< 0.5	9	129	14	2.51	1.61	1.22
274052	201	202	< 5	< 0.2	6.47	1380	2.0	< 2	1.18	< 0.5	11	142	30	3.16	1.91	1.39
274053	201	202	< 5	< 0.2	5.10	1180	1.5	< 2	1.23	< 0.5	16	162	42	2.57	1.34	1.75
274054	201	202	< 5	< 0.2	4.02	850	0.5	< 2	1.65	< 0.5	25	525	17	3.06	0.88	4.59
274055	201	202	< 5	< 0.2	4.93	1470	0.5	< 2	1.67	0.5	16	236	48	2.92	1.05	2.09
274056	201	202	< 5	< 0.2	4.99	2010	1.5	< 2	1.92	< 0.5	23	285	115	3.26	0.92	2.75
274057	201	202	< 5	< 0.2	5.63	940	1.0	< 2	2.11	< 0.5	6	94	38	1.73	1.53	1.07
274058	201	202	< 5	< 0.2	5.00	780	0.5	< 2	2.29	1.0	6	54	52	1.53	1.28	0.85
274059	201	202	< 5	< 0.2	4.48	1140	1.0	< 2	1.35	< 0.5	17	188	20	2.46	1.21	1.64
274061	201	202	< 5	< 0.2	5.03	1400	1.0	< 2	1.21	0.5	17	242	43	2.52	1.37	2.13
274062	201	202	< 5	< 0.2	5.20	1470	1.0	< 2	1.60	< 0.5	14	209	61	2.47	1.44	1.95
274063	201	202	< 5	< 0.2	6.82	1080	1.0	< 2	1.35	< 0.5	8	120	20	2.21	1.60	1.15
274064	201	202	< 5	< 0.2	4.82	1450	1.0	< 2	1.32	0.5	20	233	30	2.69	1.33	2.27
274065	201	202	< 5	< 0.2	5.61	1800	1.5	< 2	1.00	0.5	10	68	54	2.65	1.94	0.86
274066	201	202	< 5	< 0.2	4.68	600	< 0.5	< 2	1.35	< 0.5	13	274	11	2.55	0.68	1.65
274067	201	202	< 5	< 0.2	5.10	1250	0.5	< 2	1.60	< 0.5	18	190	27	2.37	1.26	2.05
274068	201	202	< 5	< 0.2	5.63	610	0.5	< 2	2.11	< 0.5	14	374	17	2.73	0.96	2.29
274069	201	202	< 5	< 0.2	5.19	1440	1.5	< 2	1.00	0.5	21	218	42	2.57	1.63	2.45
274070	201	202	< 5	< 0.2	7.32	2270	2.5	< 2	1.47	< 0.5	38	244	393	4.51	1.64	1.62

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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)			
274030	201	202	520	< 1	1.79	39	640	6	152	0.76	225	< 10	54			
274031	201	202	415	< 1	2.82	9	660	8	493	0.32	87	< 10	50			
274032	201	202	600	< 1	2.68	11	1020	6	524	0.28	68	< 10	50			
274033	201	202	600	< 1	1.25	32	800	8	174	0.59	188	< 10	60			
274034	201	202	390	< 1	1.98	22	810	6	298	0.36	107	< 10	48			
274035	201	202	375	< 1	2.67	9	410	6	452	0.25	63	< 10	48			
274036	201	202	1410	< 1	1.40	65	2910	4	215	0.28	124	< 10	152			
274037	201	202	690	< 1	1.70	133	620	8	202	0.45	139	< 10	64			
274038	201	202	610	< 1	2.27	316	980	6	399	0.23	73	< 10	80			
274039	201	202	645	< 1	1.74	151	780	12	212	0.43	130	< 10	64			
274040	201	202	595	< 1	1.77	271	500	6	308	0.26	82	< 10	64			
274041	201	202	845	< 1	1.65	216	800	8	232	0.40	132	< 10	74			
274042	201	202	535	< 1	1.93	14	530	10	318	0.47	147	< 10	52			
274043	201	202	430	< 1	1.95	38	280	8	339	0.33	115	< 10	66			
274044	201	202	375	< 1	1.02	72	350	12	140	0.45	149	< 10	64			
274045	201	202	570	< 1	2.54	45	330	8	420	0.29	77	< 10	144			
274046	201	202	585	< 1	1.04	246	280	8	152	0.33	138	< 10	80			
274047	201	202	305	< 1	1.27	45	240	10	170	0.31	125	< 10	62			
274048	201	202	440	< 1	2.92	13	320	10	546	0.25	73	< 10	58			
274049	201	202	250	< 1	1.05	288	880	6	310	0.10	28	< 10	26			
274050	201	202	880	< 1	1.08	611	650	2	196	0.42	60	< 10	184			
274051	201	202	320	< 1	1.36	63	630	14	144	0.37	117	< 10	68			
274052	201	202	475	< 1	1.46	79	730	16	185	0.40	147	< 10	100			
274053	201	202	555	< 1	1.14	214	850	12	165	0.29	123	< 10	94			
274054	201	202	590	< 1	0.80	264	650	8	95	0.27	122	< 10	58			
274055	201	202	465	< 1	0.74	176	610	10	124	0.23	144	< 10	82			
274056	201	202	840	< 1	0.43	587	690	8	111	0.15	142	< 10	70			
274057	201	202	300	< 1	1.91	160	670	8	393	0.14	54	< 10	72			
274058	201	202	380	< 1	1.77	72	770	10	395	0.18	54	< 10	52			
274059	201	202	455	< 1	0.84	99	800	12	115	0.26	123	< 10	66			
274061	201	202	640	< 1	0.99	155	650	12	141	0.28	127	< 10	78			
274062	201	202	630	< 1	1.07	166	630	12	185	0.23	118	< 10	74			
274063	201	202	415	< 1	2.19	54	490	10	391	0.24	92	< 10	60			
274064	201	202	935	< 1	0.64	163	760	14	87	0.26	152	< 10	108			
274065	201	202	495	< 1	0.57	60	590	22	109	0.19	185	< 10	124			
274066	201	202	330	< 1	0.95	80	110	8	105	0.32	129	< 10	56			
274067	201	202	575	< 1	1.20	167	360	10	183	0.22	114	< 10	58			
274068	201	202	405	< 1	1.34	99	190	8	168	0.32	134	< 10	98			
274069	201	202	620	< 1	0.56	210	810	14	77	0.24	165	< 10	100			
274070	201	202	1265	< 1	0.50	229	630	22	94	0.18	245	< 10	132			

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274071	201 202	< 5	< 0.2	4.51	1170	1.0	< 2	1.42	< 0.5	19	300	20	2.28	1.25	2.58
274072	201 202	< 5	< 0.2	5.68	920	1.0	< 2	1.73	0.5	30	276	45	2.56	1.51	1.88
274073	201 202	< 5	< 0.2	2.32	540	< 0.5	< 2	3.35	0.5	5	29	62	0.64	0.58	0.49
274074	201 202	< 5	0.4	6.41	1340	1.5	< 2	1.63	1.0	10	80	57	1.97	1.94	0.92
274075	201 202	< 5	< 0.2	4.04	1160	1.0	< 2	0.57	< 0.5	8	102	19	1.79	1.35	0.84
274076	201 202	< 5	< 0.2	5.71	1080	2.0	< 2	1.22	< 0.5	14	159	25	3.07	1.84	1.44
274077	201 202	< 5	< 0.2	4.91	1190	1.5	< 2	1.21	0.5	10	146	26	2.12	1.57	1.34
274078	201 202	< 5	< 0.2	5.41	1560	1.5	< 2	0.57	< 0.5	10	95	31	2.49	1.82	0.97
274079	201 202	< 5	< 0.2	5.59	960	2.0	< 2	1.57	0.5	15	161	24	2.68	1.71	1.33
274080	201 202	< 5	< 0.2	6.88	940	1.5	< 2	1.43	< 0.5	5	72	17	1.68	2.05	0.70
274081	201 202	< 5	< 0.2	5.06	1180	1.0	< 2	2.29	< 0.5	7	94	30	1.99	1.41	1.08
274082	201 202	< 5	< 0.2	5.76	780	1.0	< 2	2.22	0.5	4	23	78	1.62	1.59	0.63
274083	201 202	< 5	< 0.2	4.75	860	0.5	< 2	2.38	1.5	10	79	42	1.81	1.34	0.98
274084	201 202	< 5	< 0.2	5.32	1030	1.5	< 2	1.28	< 0.5	15	188	46	2.72	1.56	1.52
274085	201 202	< 5	< 0.2	5.92	1070	1.0	< 2	2.19	< 0.5	7	60	46	1.96	1.73	0.96
274086	201 202	< 5	< 0.2	6.56	1360	1.5	< 2	0.53	< 0.5	13	123	19	3.16	2.11	1.34
274087	201 202	< 5	< 0.2	6.68	1480	1.5	< 2	0.73	< 0.5	14	134	33	3.24	2.13	1.46
274088	201 202	< 5	< 0.2	6.47	1120	1.5	< 2	1.21	< 0.5	12	105	48	2.87	1.81	1.30
274089	201 202	< 5	< 0.2	6.30	1200	1.5	< 2	1.38	< 0.5	12	104	120	2.84	1.81	1.16
274090	201 202	< 5	< 0.2	6.56	1010	1.0	< 2	0.71	0.5	8	84	23	2.98	1.99	0.74
274091	201 202	< 5	< 0.2	5.21	1250	1.0	< 2	1.16	< 0.5	9	87	22	2.14	1.60	0.87
274092	201 202	< 5	< 0.2	4.76	840	0.5	< 2	2.07	< 0.5	7	64	39	1.89	1.25	0.95
274093	201 202	< 5	< 0.2	5.28	1130	1.5	< 2	1.24	< 0.5	12	159	25	2.66	1.56	1.29
274094	201 202	< 5	< 0.2	5.44	1520	1.5	< 2	0.68	< 0.5	11	96	36	2.60	1.85	1.08
274095	201 202	< 5	< 0.2	5.65	1480	1.5	< 2	1.23	0.5	16	209	51	3.73	1.66	1.56
274096	201 202	< 5	< 0.2	4.69	930	1.0	< 2	2.03	< 0.5	7	69	38	1.71	1.02	0.91
274097	201 202	< 5	< 0.2	5.19	1370	1.5	< 2	1.08	< 0.5	11	131	48	2.55	1.65	1.42
274098	201 202	< 5	< 0.2	5.09	1270	1.5	< 2	1.09	< 0.5	11	154	28	2.26	1.47	1.34
274099	201 202	< 5	< 0.2	5.19	1290	1.0	< 2	1.88	0.5	7	88	36	2.06	1.49	1.03
274100	201 202	< 5	< 0.2	5.22	1180	1.5	< 2	1.58	< 0.5	9	106	23	2.28	1.61	1.21
274101	201 202	< 5	< 0.2	4.95	1250	1.5	< 2	1.41	< 0.5	11	127	31	2.35	1.47	1.33
274102	201 202	< 5	< 0.2	3.95	1090	1.0	< 2	2.67	1.5	11	87	61	1.89	1.04	1.00
274103	201 202	< 5	< 0.2	5.08	1090	1.0	< 2	2.47	< 0.5	9	92	49	2.11	1.33	1.07
274104	201 202	< 5	< 0.2	6.03	1240	1.0	< 2	1.00	0.5	10	135	19	2.50	1.74	1.08
274105	201 202	< 5	< 0.2	5.12	1360	1.5	< 2	0.84	< 0.5	12	150	44	2.50	1.46	1.39
274106	201 202	< 5	< 0.2	4.74	1370	1.5	< 2	1.23	1.5	9	95	44	2.15	1.33	0.94
274107	201 202	< 5	< 0.2	4.72	1140	1.0	< 2	1.13	< 0.5	9	83	25	2.16	1.35	0.89
274108	201 202	< 5	< 0.2	5.01	890	0.5	< 2	1.91	1.5	20	244	24	2.34	1.36	1.34
274109	201 202	< 5	< 0.2	4.94	1170	1.5	< 2	1.43	0.5	11	114	57	2.44	1.49	1.24
274110	201 202	< 5	< 0.2	7.47	1240	1.5	< 2	1.77	< 0.5	6	45	59	2.13	2.18	0.78

CERTIFICATION: Ivan T. Bruchler

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

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 05-SEP-97
Invoice No. : I9739547
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9739547

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)			
274071	201	202	530	< 1	0.77	169	690	6	95	0.24	125	< 10	64			
274072	201	202	940	< 1	1.84	135	520	6	362	0.22	75	< 10	146			
274073	201	202	510	< 1	0.83	62	480	< 2	273	0.07	18	< 10	24			
274074	201	202	665	< 1	1.71	93	700	10	323	0.19	94	< 10	100			
274075	201	202	415	< 1	0.73	43	680	6	91	0.22	113	< 10	62			
274076	201	202	570	< 1	1.42	97	780	12	152	0.30	103	< 10	84			
274077	201	202	420	< 1	1.03	78	1020	10	125	0.26	122	< 10	96			
274078	201	202	490	< 1	0.62	59	620	14	83	0.23	192	< 10	122			
274079	201	202	925	< 1	1.46	79	920	20	221	0.23	104	< 10	134			
274080	201	202	450	< 1	2.69	16	400	10	482	0.24	60	< 10	66			
274081	201	202	550	< 1	0.91	50	810	8	191	0.19	105	< 10	64			
274082	201	202	285	< 1	2.28	61	840	6	506	0.16	39	< 10	42			
274083	201	202	765	< 1	1.37	96	960	6	318	0.17	59	< 10	96			
274084	201	202	560	< 1	0.74	132	710	10	132	0.21	112	< 10	72			
274085	201	202	1045	< 1	1.70	52	920	6	359	0.17	68	< 10	96			
274086	201	202	515	< 1	0.84	65	310	10	75	0.27	119	< 10	92			
274087	201	202	555	< 1	0.87	67	870	12	92	0.28	133	< 10	90			
274088	201	202	480	< 1	1.44	64	660	8	238	0.25	105	< 10	90			
274089	201	202	740	< 1	0.97	99	780	10	128	0.20	99	< 10	70			
274090	201	202	420	< 1	1.44	28	260	10	221	0.23	89	< 10	66			
274091	201	202	340	< 1	1.08	46	400	8	172	0.19	113	< 10	74			
274092	201	202	465	< 1	1.47	63	800	6	341	0.19	71	< 10	64			
274093	201	202	395	< 1	1.02	72	750	8	134	0.25	124	< 10	80			
274094	201	202	500	2	0.70	67	900	14	99	0.24	182	< 10	124			
274095	201	202	1030	< 1	0.73	129	860	20	110	0.20	154	< 10	128			
274096	201	202	480	< 1	1.29	66	790	8	290	0.18	74	< 10	74			
274097	201	202	460	< 1	0.91	99	880	12	136	0.23	122	< 10	92			
274098	201	202	495	< 1	0.89	66	850	12	117	0.28	138	< 10	96			
274099	201	202	410	< 1	1.27	67	740	8	272	0.18	93	< 10	70			
274100	201	202	525	< 1	1.25	66	890	8	198	0.23	104	< 10	82			
274101	201	202	890	< 1	0.82	85	860	10	137	0.21	128	< 10	94			
274102	201	202	690	< 1	0.75	79	920	8	217	0.14	81	< 10	76			
274103	201	202	630	< 1	1.28	91	850	8	319	0.18	86	< 10	78			
274104	201	202	575	< 1	1.27	49	510	10	190	0.26	134	< 10	76			
274105	201	202	445	< 1	0.80	100	610	10	100	0.27	134	< 10	70			
274106	201	202	550	< 1	0.77	56	870	12	147	0.22	118	< 10	102			
274107	201	202	465	< 1	0.89	59	590	10	141	0.23	114	< 10	76			
274108	201	202	980	< 1	1.33	56	640	8	273	0.23	92	< 10	160			
274109	201	202	505	< 1	0.82	76	820	12	140	0.23	117	< 10	96			
274110	201	202	355	< 1	2.59	64	460	12	545	0.18	76	< 10	74			

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 05-SEP-97
Invoice No. :19739547
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9739547

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)
274111	201 202	< 5	< 0.2	4.55	1090	1.0	< 2	1.23	< 0.5	11	124	19	2.00	1.18	1.29
274112	201 202	< 5	< 0.2	6.07	1200	1.5	< 2	0.70	0.5	5	115	19	2.28	1.86	0.89
274113	201 202	< 5	< 0.2	5.97	1600	1.5	< 2	0.90	0.5	15	147	43	3.38	1.49	1.26
274114	201 202	< 5	< 0.2	5.34	1260	1.5	< 2	1.57	< 0.5	10	112	29	2.39	1.60	1.13
274115	201 202	< 5	< 0.2	6.01	1630	1.5	< 2	1.13	0.5	15	150	49	3.00	1.82	1.44
274116	201 202	< 5	< 0.2	5.65	1350	1.5	< 2	1.38	0.5	10	105	35	2.38	1.83	1.13
274117	201 202	< 5	< 0.2	4.87	980	1.0	< 2	0.33	< 0.5	3	58	8	1.66	1.46	0.51
274118	201 202	5	< 0.2	6.24	1500	1.5	< 2	0.79	< 0.5	14	130	38	2.90	2.00	1.28
274119	201 202	< 5	< 0.2	4.91	1180	1.0	< 2	1.10	< 0.5	11	114	22	2.00	1.45	1.18
274120	201 202	< 5	< 0.2	4.96	1300	1.5	< 2	0.97	0.5	8	114	36	1.81	1.49	1.05
274121	201 202	< 5	< 0.2	4.69	1280	1.0	< 2	1.71	1.0	11	95	42	2.36	1.30	0.98
274122	-- --	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
274123	201 202	< 5	< 0.2	4.87	1620	1.5	< 2	1.69	2.5	20	85	56	2.67	1.36	0.92
274124	201 202	< 5	< 0.2	6.22	980	1.0	< 2	1.86	< 0.5	5	44	35	1.68	1.81	0.67
274125	201 202	< 5	< 0.2	4.70	990	1.0	< 2	1.45	< 0.5	7	93	22	1.97	1.25	1.02
274126	201 202	< 5	< 0.2	5.82	1270	1.5	< 2	0.94	0.5	12	163	37	3.11	1.78	1.47
274127	201 202	< 5	0.4	5.80	1530	2.0	< 2	1.94	2.0	7	105	107	2.12	1.64	0.97
274128	201 202	< 5	< 0.2	4.68	1120	1.0	< 2	1.28	< 0.5	12	103	57	2.30	1.32	0.99
274129	201 202	< 5	< 0.2	5.84	1280	1.0	< 2	1.23	< 0.5	12	108	20	2.54	1.36	1.09
274130	201 202	< 5	< 0.2	4.33	1100	1.0	< 2	1.01	< 0.5	8	76	14	1.79	1.27	0.79
274131	201 202	< 5	< 0.2	6.83	1000	1.5	< 2	2.07	< 0.5	6	37	32	1.94	1.75	0.75
274132	201 202	< 5	< 0.2	4.88	930	0.5	< 2	0.52	< 0.5	4	58	14	2.27	1.44	0.50
274133	201 202	< 5	< 0.2	4.61	1050	1.0	< 2	1.81	0.5	8	75	45	1.81	1.26	0.83
274134	201 202	< 5	< 0.2	5.04	1090	1.0	< 2	1.88	0.5	9	114	49	2.37	1.38	1.17
274135	201 202	< 5	< 0.2	4.76	1070	1.0	< 2	1.62	0.5	8	94	47	2.03	1.33	0.97
274136	201 202	< 5	< 0.2	5.60	1250	1.5	< 2	1.37	0.5	9	88	40	2.81	1.32	0.96
274137	201 202	10	< 0.2	5.34	1200	1.0	< 2	1.59	1.0	18	111	37	3.86	1.47	1.10
274138	201 202	< 5	< 0.2	5.88	1440	1.5	< 2	0.92	< 0.5	20	265	41	3.09	1.73	1.62
274139	201 202	< 5	< 0.2	5.72	1320	1.5	< 2	1.33	0.5	16	124	48	3.27	1.43	1.33
274140	201 202	< 5	< 0.2	4.74	1040	0.5	< 2	0.63	< 0.5	13	152	8	2.61	1.43	1.12
274141	201 202	< 5	< 0.2	4.82	1060	0.5	< 2	0.59	< 0.5	9	85	16	2.37	1.11	0.73
274142	201 202	< 5	< 0.2	4.84	1150	0.5	< 2	0.82	< 0.5	9	100	10	1.60	1.50	0.82
274143	201 202	< 5	< 0.2	3.74	1100	0.5	< 2	2.93	0.5	12	113	108	2.11	0.80	1.19
274144	201 202	< 5	< 0.2	5.52	1180	0.5	< 2	1.13	< 0.5	18	279	23	3.30	1.20	1.81
274145	201 202	20	< 0.2	4.93	1290	0.5	< 2	1.48	< 0.5	27	376	54	3.49	1.13	3.20
274146	201 202	< 5	< 0.2	3.59	620	0.5	< 2	8.64	< 0.5	32	461	84	2.88	0.78	6.39
274147	201 202	< 5	< 0.2	5.96	830	0.5	< 2	1.97	0.5	26	343	19	3.05	1.49	3.12
274148	201 202	< 5	< 0.2	5.87	720	0.5	< 2	1.25	< 0.5	44	522	30	5.05	1.15	4.22
274149	201 202	< 5	< 0.2	5.97	800	0.5	< 2	1.22	< 0.5	32	370	22	3.39	1.34	3.01
274150	201 202	< 5	< 0.2	5.45	1130	1.0	< 2	1.76	< 0.5	22	217	33	2.77	1.44	2.04

CERTIFICATION:

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 05-SEP-97
Invoice No. : I9739547
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9739547

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)			
274111	201	202	905	< 1	1.01	72	850	4	143	0.27	113	< 10	80			
274112	201	202	320	< 1	1.12	38	360	8	148	0.30	136	< 10	62			
274113	201	202	805	< 1	0.81	117	740	12	105	0.28	151	< 10	98			
274114	201	202	505	< 1	0.96	63	770	8	162	0.24	126	< 10	100			
274115	201	202	730	< 1	0.85	114	880	10	116	0.27	166	< 10	110			
274116	201	202	600	< 1	1.12	78	720	6	203	0.20	117	< 10	100			
274117	201	202	170	< 1	0.82	16	220	4	78	0.24	127	< 10	46			
274118	201	202	490	< 1	0.83	85	590	10	102	0.29	147	< 10	90			
274119	201	202	520	< 1	1.02	68	830	6	139	0.27	124	< 10	80			
274120	201	202	395	< 1	0.94	80	780	6	126	0.22	124	< 10	90			
274121	201	202	940	< 1	0.96	76	870	6	187	0.19	111	< 10	104			
274122	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd			
274123	201	202	9140	5	0.86	139	900	4	193	0.17	102	< 10	90			
274124	201	202	410	2	2.29	31	750	4	451	0.19	56	< 10	60			
274125	201	202	340	< 1	1.01	44	950	4	157	0.28	118	< 10	90			
274126	201	202	330	1	0.95	85	840	6	104	0.30	147	< 10	104			
274127	201	202	390	1	0.91	128	950	12	217	0.19	132	< 10	110			
274128	201	202	715	1	0.75	54	810	8	129	0.21	133	< 10	78			
274129	201	202	535	< 1	1.05	46	530	6	147	0.30	148	< 10	68			
274130	201	202	445	< 1	0.88	33	620	6	132	0.23	119	< 10	56			
274131	201	202	490	1	2.43	38	770	4	551	0.20	70	< 10	68			
274132	201	202	295	1	0.98	18	450	6	132	0.25	140	< 10	76			
274133	201	202	640	< 1	1.02	46	1030	4	215	0.21	108	< 10	84			
274134	201	202	375	< 1	0.95	63	950	4	160	0.29	131	< 10	94			
274135	201	202	340	< 1	0.91	58	990	8	162	0.23	116	< 10	102			
274136	201	202	1260	< 1	1.42	57	880	4	257	0.25	115	< 10	88			
274137	201	202	910	1	1.10	96	930	6	228	0.22	124	< 10	118			
274138	201	202	355	< 1	0.81	201	790	6	100	0.32	170	< 10	122			
274139	201	202	525	< 1	1.13	72	850	6	160	0.35	151	< 10	94			
274140	201	202	500	< 1	0.76	53	390	4	81	0.27	160	< 10	154			
274141	201	202	255	2	0.74	49	220	6	86	0.25	143	< 10	68			
274142	201	202	360	< 1	1.02	45	300	6	124	0.26	115	< 10	112			
274143	201	202	810	< 1	0.58	101	1060	< 2	189	0.16	102	< 10	80			
274144	201	202	580	< 1	0.95	106	200	< 2	128	0.34	145	< 10	78			
274145	201	202	840	< 1	0.69	286	490	< 2	134	0.25	132	< 10	88			
274146	201	202	505	< 1	0.57	552	440	< 2	319	0.21	104	< 10	82			
274147	201	202	845	< 1	1.76	168	290	< 2	302	0.25	91	< 10	94			
274148	201	202	1170	< 1	1.22	464	200	< 2	209	0.29	133	< 10	72			
274149	201	202	585	< 1	1.61	242	230	8	275	0.28	98	< 10	54			
274150	201	202	710	< 1	0.96	171	590	6	192	0.17	91	< 10	58			

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9739547

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)
274151	201	202	< 5	< 0.2	6.36	1300	1.0	< 2	0.87	< 0.5	21	279	15	3.58	1.40	2.19
274152	201	202	< 5	< 0.2	4.73	1520	0.5	< 2	1.72	1.0	24	246	39	3.07	1.09	1.58
274153	201	202	< 5	< 0.2	2.65	720	0.5	< 2	3.60	0.5	12	78	42	1.29	0.65	0.79
274154	201	202	< 5	< 0.2	6.44	840	1.0	< 2	2.13	< 0.5	4	20	29	1.41	1.91	0.58
274155	201	202	< 5	< 0.2	1.31	290	< 0.5	< 2	2.42	< 0.5	< 1	9	14	0.41	0.32	0.22
274156	201	202	< 5	< 0.2	6.81	820	1.0	< 2	1.78	< 0.5	2	4	20	1.27	2.14	0.47
274158	201	202	< 5	< 0.2	5.88	1500	2.0	< 2	0.99	0.5	16	154	41	3.13	1.91	1.65
274159	201	202	< 5	< 0.2	5.75	1630	2.0	< 2	1.41	0.5	12	119	44	2.94	1.96	1.76
274160	201	202	5	< 0.2	5.67	1540	1.5	< 2	1.05	0.5	12	158	39	2.87	1.77	1.64
274162	201	202	10	< 0.2	5.81	1260	1.5	< 2	1.39	< 0.5	22	251	42	2.94	1.80	2.29
274163	201	202	< 5	< 0.2	4.92	1370	1.5	< 2	1.34	0.5	12	119	37	2.51	1.51	1.30
274164	201	202	< 5	< 0.2	4.60	850	0.5	< 2	1.25	< 0.5	20	317	13	3.07	1.00	2.43
274165	201	202	< 5	< 0.2	4.67	910	0.5	< 2	1.32	< 0.5	25	357	25	3.41	0.94	2.90
274166	201	202	< 5	< 0.2	4.22	690	0.5	< 2	0.90	< 0.5	7	166	7	2.34	1.00	1.06
274167	201	202	< 5	< 0.2	4.56	730	0.5	< 2	2.67	< 0.5	7	67	43	1.59	1.22	1.00
274168	201	202	< 5	< 0.2	5.06	1390	1.0	< 2	0.87	< 0.5	18	276	39	2.94	1.40	2.70
274169	201	202	< 5	< 0.2	5.69	1020	0.5	< 2	0.34	< 0.5	4	109	15	2.22	1.48	0.67
274170	201	202	5	< 0.2	5.18	900	1.0	< 2	0.53	< 0.5	6	87	17	2.78	1.17	0.80
274171	201	202	< 5	< 0.2	6.54	810	0.5	< 2	1.13	< 0.5	7	85	17	2.82	1.56	0.92
274172	201	202	< 5	< 0.2	5.67	1040	1.0	< 2	0.45	< 0.5	11	133	34	3.79	1.03	0.92
274173	201	202	< 5	< 0.2	7.50	1040	1.0	< 2	1.65	< 0.5	5	52	34	2.16	2.09	0.87
274175	201	202	< 5	< 0.2	5.47	1050	1.0	< 2	0.68	< 0.5	14	149	17	3.19	1.30	1.37
274176	201	202	< 5	< 0.2	5.32	830	1.0	< 2	2.01	< 0.5	7	48	36	1.72	1.44	0.74
274177	201	202	< 5	< 0.2	6.84	1380	1.5	< 2	0.87	< 0.5	11	114	21	3.35	1.78	1.62
274178	201	202	10	< 0.2	7.50	1330	1.5	< 2	0.58	< 0.5	15	128	21	3.71	2.09	1.70
274179	201	202	5	< 0.2	7.37	1330	1.5	< 2	0.67	< 0.5	11	129	20	3.66	2.18	1.86
274180	201	202	< 5	< 0.2	7.43	1400	1.5	< 2	0.76	< 0.5	9	120	25	3.10	2.20	1.56
274181	201	202	5	< 0.2	6.21	860	0.5	< 2	0.87	< 0.5	20	242	13	3.98	1.59	1.11
274182	201	202	< 5	< 0.2	6.90	630	1.0	< 2	2.23	< 0.5	16	97	70	5.23	1.58	1.55
274183	201	202	< 5	< 0.2	5.98	1000	1.0	< 2	1.63	< 0.5	15	137	27	3.30	1.47	1.40
274184	201	202	< 5	< 0.2	5.62	870	0.5	< 2	0.79	< 0.5	7	111	15	3.09	1.26	0.92
274185	201	202	< 5	< 0.2	5.02	1250	1.5	< 2	1.74	< 0.5	11	127	58	2.39	1.46	1.24
274186	201	202	< 5	< 0.2	4.23	850	0.5	< 2	2.66	< 0.5	3	24	33	1.24	1.13	0.57
274187	201	202	< 5	< 0.2	6.50	1100	1.5	< 2	1.84	< 0.5	10	79	37	2.48	1.76	1.11
274188	201	202	< 5	< 0.2	6.15	1240	1.5	< 2	0.94	< 0.5	10	145	27	2.92	1.78	1.41
274189	201	202	< 5	< 0.2	6.76	1110	1.0	< 2	2.08	< 0.5	5	35	36	1.96	1.84	0.74
274190	201	202	< 5	< 0.2	5.36	1130	1.0	< 2	1.02	< 0.5	12	131	27	2.53	1.58	1.35
274191	201	202	< 5	< 0.2	5.32	820	0.5	< 2	0.81	0.5	3	70	10	1.48	1.46	0.62
274192	201	202	< 5	< 0.2	5.79	1080	1.5	< 2	0.54	< 0.5	16	160	42	3.13	1.40	1.19
274193	201	202	< 5	< 0.2	4.21	1070	1.0	< 2	1.00	< 0.5	9	105	26	2.17	1.21	1.09

CERTIFICATION:

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 05-SEP-97
Invoice No. :I9739547
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9739547

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)			
274151	201	202	505	< 1	0.96	138	130	6	108	0.30	126	< 10	60			
274152	201	202	1060	< 1	0.98	151	710	14	207	0.20	87	< 10	170			
274153	201	202	935	< 1	0.70	196	790	4	261	0.09	33	< 10	38			
274154	201	202	400	2	2.54	37	610	4	508	0.16	31	< 10	48			
274155	201	202	90	2	0.42	17	370	< 2	223	0.05	14	< 10	12			
274156	201	202	335	< 1	2.88	4	310	4	540	0.15	22	< 10	44			
274158	201	202	530	1	1.00	120	860	12	111	0.30	158	< 10	122			
274159	201	202	510	2	0.80	91	890	12	106	0.25	174	< 10	136			
274160	201	202	570	< 1	0.84	117	850	12	105	0.24	160	< 10	114			
274162	201	202	335	< 1	0.71	198	740	12	125	0.23	142	< 10	108			
274163	201	202	995	1	0.69	89	720	12	128	0.20	145	< 10	102			
274164	201	202	505	1	0.81	141	140	< 2	83	0.26	133	< 10	44			
274165	201	202	540	< 1	0.84	203	410	4	83	0.36	150	< 10	66			
274166	201	202	335	< 1	0.90	42	230	4	98	0.33	141	< 10	52			
274167	201	202	450	< 1	1.27	73	660	< 2	289	0.14	65	< 10	72			
274168	201	202	580	< 1	0.81	271	420	6	123	0.25	129	< 10	76			
274169	201	202	265	< 1	0.52	23	300	6	58	0.29	143	< 10	58			
274170	201	202	350	< 1	0.94	32	260	6	132	0.27	126	< 10	58			
274171	201	202	530	< 1	1.68	24	440	6	313	0.43	136	< 10	82			
274172	201	202	490	< 1	0.70	39	250	6	92	0.40	163	< 10	92			
274173	201	202	410	< 1	2.46	20	380	6	458	0.26	81	< 10	64			
274175	201	202	425	< 1	0.89	75	230	8	85	0.29	136	< 10	82			
274176	201	202	365	< 1	1.52	24	760	6	297	0.17	66	< 10	46			
274177	201	202	435	< 1	1.10	51	260	10	176	0.27	137	< 10	78			
274178	201	202	500	1	1.09	53	180	8	137	0.27	142	< 10	74			
274179	201	202	395	< 1	1.11	46	420	8	123	0.25	137	< 10	78			
274180	201	202	395	1	1.26	50	440	6	157	0.23	126	< 10	94			
274181	201	202	660	< 1	1.41	97	380	10	197	0.32	126	< 10	90			
274182	201	202	680	< 1	2.31	48	550	< 2	423	0.43	158	< 10	78			
274183	201	202	780	< 1	1.33	52	810	6	172	0.38	157	< 10	82			
274184	201	202	350	< 1	1.10	37	300	8	137	0.32	140	< 10	68			
274185	201	202	635	< 1	0.67	122	1140	8	134	0.20	94	< 10	78			
274186	201	202	355	< 1	1.33	47	740	6	333	0.12	37	< 10	36			
274187	201	202	705	< 1	1.64	64	770	6	331	0.22	92	< 10	86			
274188	201	202	435	< 1	1.00	74	410	10	136	0.27	127	< 10	90			
274189	201	202	350	< 1	2.19	46	510	6	472	0.17	57	< 10	60			
274190	201	202	540	< 1	1.10	75	460	8	150	0.27	127	< 10	64			
274191	201	202	250	< 1	1.45	17	170	6	204	0.27	96	< 10	58			
274192	201	202	420	< 1	0.79	98	330	18	77	0.28	148	< 10	68			
274193	201	202	485	< 1	0.59	59	460	14	82	0.18	107	< 10	76			

CERTIFICATION: Ian Bradley

Chemex Labs Ltd.

*Analytical Chemists * Geochemists * Registered Assayers*

212 Brooksbank Ave., North Vancouver
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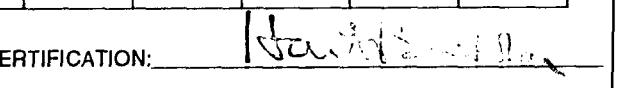
To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Page Number :6-A
Total Pages :10
Certificate Date: 05-SEP-97
Invoice No. :I9739547
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9739547

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)
274194	201	202	< 5	< 0.2	7.25	910	1.0	< 2	2.37	< 0.5	5	24	32	1.81	1.68	0.87
274195	201	202	10	< 0.2	5.68	1390	1.5	< 2	1.01	< 0.5	17	164	50	3.32	1.85	1.85
274196	201	202	10	< 0.2	5.06	1080	1.5	< 2	1.48	< 0.5	14	219	92	3.22	1.71	2.13
274197	201	202	10	< 0.2	6.11	1550	2.0	< 2	1.25	0.5	14	94	90	3.86	1.91	1.42
274198	201	202	< 5	< 0.2	5.70	1340	1.5	< 2	1.17	< 0.5	12	112	28	3.19	1.83	1.44
274200	201	202	5	< 0.2	5.45	1330	1.5	< 2	1.37	< 0.5	16	176	32	3.20	1.66	1.52
274201	201	202	< 5	< 0.2	4.83	1270	1.0	< 2	1.04	0.5	22	212	27	2.86	1.67	2.22
274202	201	202	< 5	< 0.2	5.46	1280	1.5	< 2	1.59	< 0.5	20	216	41	2.81	1.73	1.97
274203	201	202	< 5	< 0.2	7.12	940	1.5	< 2	1.74	< 0.5	11	84	92	2.14	2.04	1.03
274204	201	202	< 5	< 0.2	7.99	1280	2.0	< 2	0.86	< 0.5	8	127	70	3.23	2.47	1.00
274205	201	202	< 5	< 0.2	6.18	1570	1.5	< 2	1.36	< 0.5	16	349	45	3.25	1.53	2.25
274206	201	202	< 5	< 0.2	5.46	1020	0.5	< 2	1.39	< 0.5	17	311	24	2.94	1.30	2.51
274207	201	202	< 5	< 0.2	4.06	930	0.5	< 2	1.77	< 0.5	14	258	27	2.15	1.01	2.26
274208	201	202	< 5	< 0.2	5.24	1080	1.0	< 2	2.09	0.5	8	75	60	2.12	1.37	1.10
274210	201	202	< 5	< 0.2	5.96	1250	1.5	< 2	1.38	< 0.5	20	298	38	3.49	1.52	2.72
274211	201	202	< 5	< 0.2	4.73	750	0.5	< 2	1.62	< 0.5	28	495	20	3.20	1.25	5.18
274213	201	202	< 5	< 0.2	6.28	1420	1.5	< 2	1.13	0.5	16	134	52	3.66	2.06	1.73
274214	201	202	< 5	< 0.2	6.01	940	2.0	< 2	1.68	< 0.5	14	110	37	3.09	2.15	1.36
274215	201	202	< 5	< 0.2	5.34	1180	1.5	< 2	1.02	0.5	10	101	34	2.78	1.59	1.25
274216	201	202	< 5	< 0.2	5.83	1160	1.5	< 2	1.00	< 0.5	13	132	36	3.23	1.71	1.21
274217	201	202	< 5	< 0.2	8.61	1120	2.5	< 2	0.54	< 0.5	13	90	44	3.90	3.21	1.14
274218	201	202	< 5	< 0.2	5.48	1070	1.0	< 2	1.33	0.5	12	115	29	2.60	1.59	1.28
274220	201	202	< 5	< 0.2	4.85	980	1.0	< 2	1.78	0.5	12	91	34	2.48	1.39	1.10
274221	201	202	< 5	< 0.2	5.57	890	1.0	< 2	2.03	1.0	10	53	44	2.09	1.53	0.80
274222	201	202	< 5	< 0.2	5.72	1140	1.5	< 2	1.52	0.5	12	126	36	2.68	1.64	1.27
274223	201	202	< 5	< 0.2	5.06	960	1.0	< 2	1.34	0.5	10	148	18	2.46	1.42	1.30
274224	201	202	< 5	< 0.2	6.45	1240	1.5	< 2	1.12	0.5	14	174	36	3.56	1.82	1.65
274225	201	202	< 5	< 0.2	5.65	1120	1.5	< 2	1.84	< 0.5	12	98	38	2.56	1.33	1.11
274226	201	202	< 5	< 0.2	5.36	1060	1.0	< 2	1.35	< 0.5	10	106	29	2.43	1.53	1.17
274227	201	202	10	< 0.2	6.01	1180	1.5	< 2	0.82	< 0.5	11	124	20	2.76	1.85	1.39
274228	201	202	< 5	< 0.2	5.11	1090	1.0	< 2	1.52	< 0.5	11	93	28	2.26	1.40	1.04
274229	201	202	< 5	< 0.2	5.91	1290	1.5	< 2	1.24	< 0.5	16	161	45	3.38	1.59	1.81
274230	201	202	< 5	< 0.2	5.09	1220	1.5	< 2	1.90	1.0	12	112	120	2.35	1.48	1.12
274231	201	202	< 5	< 0.2	5.52	1120	1.5	< 2	1.25	< 0.5	11	117	37	2.55	1.71	1.26
274232	201	202	< 5	< 0.2	5.13	1070	1.0	< 2	1.08	< 0.5	10	126	26	2.43	1.50	1.22
274233	201	202	< 5	< 0.2	5.69	1140	1.5	< 2	1.43	< 0.5	10	90	38	2.52	1.63	1.12
274234	201	202	< 5	< 0.2	5.57	1100	1.0	< 2	1.40	0.5	12	122	52	2.55	1.66	1.27
274235	201	202	< 5	< 0.2	5.50	1230	1.5	< 2	1.21	0.5	11	120	58	3.09	1.77	1.25
274236	201	202	< 5	< 0.2	5.52	1350	1.0	< 2	0.56	< 0.5	7	120	15	2.29	1.74	0.97
274237	201	202	< 5	< 0.2	6.01	1220	1.0	< 2	1.01	< 0.5	23	180	49	3.81	1.55	2.15

CERTIFICATION: 

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 05-SEP-97
Invoice No. :I9739547
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9739547

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)			
274194	201	202	1180	< 1	2.78	30	740	6	652	0.22	52	< 10	62			
274195	201	202	780	2	0.75	122	900	10	181	0.27	172	< 10	114			
274196	201	202	740	< 1	0.73	124	820	10	204	0.25	124	< 10	100			
274197	201	202	655	4	0.85	77	940	12	231	0.24	162	< 10	142			
274198	201	202	495	2	0.93	54	710	8	258	0.27	126	< 10	80			
274200	201	202	1325	1	0.85	96	890	12	167	0.22	119	< 10	100			
274201	201	202	2630	1	0.68	136	820	8	126	0.22	115	< 10	106			
274202	201	202	4560	3	0.96	241	870	10	220	0.21	108	< 10	100			
274203	201	202	905	< 1	2.38	58	550	12	481	0.22	78	< 10	90			
274204	201	202	565	1	1.42	39	700	12	259	0.29	173	< 10	90			
274205	201	202	570	< 1	1.30	151	440	8	217	0.26	146	< 10	82			
274206	201	202	530	< 1	1.12	132	390	6	173	0.28	131	< 10	78			
274207	201	202	625	< 1	0.65	148	590	6	141	0.20	95	< 10	40			
274208	201	202	1205	1	1.26	128	860	6	306	0.15	88	< 10	52			
274210	201	202	635	1	1.09	212	590	10	181	0.24	145	< 10	76			
274211	201	202	550	< 1	0.92	329	630	6	142	0.21	106	< 10	58			
274213	201	202	730	1	0.92	79	880	12	168	0.32	149	< 10	118			
274214	201	202	570	< 1	0.74	73	800	18	131	0.21	103	< 10	72			
274215	201	202	530	< 1	0.92	70	800	14	132	0.20	121	< 10	78			
274216	201	202	625	< 1	0.96	74	850	14	132	0.25	126	< 10	100			
274217	201	202	695	< 1	1.14	48	620	30	146	0.25	119	< 10	104			
274218	201	202	1090	< 1	0.96	78	780	10	165	0.23	114	< 10	104			
274220	201	202	1530	< 1	0.88	73	860	10	206	0.17	91	< 10	94			
274221	201	202	1035	< 1	1.60	63	930	8	362	0.16	68	< 10	86			
274222	201	202	1100	< 1	0.94	80	800	12	172	0.21	116	< 10	104			
274223	201	202	540	< 1	1.01	60	940	8	153	0.34	117	< 10	82			
274224	201	202	455	< 1	0.94	82	780	12	108	0.31	154	< 10	116			
274225	201	202	1415	< 1	1.15	68	780	8	225	0.20	97	< 10	88			
274226	201	202	810	< 1	1.02	61	830	10	177	0.21	100	< 10	82			
274227	201	202	425	< 1	1.08	55	820	8	137	0.27	114	< 10	76			
274228	201	202	740	< 1	1.09	61	630	8	200	0.21	97	< 10	86			
274229	201	202	460	< 1	1.03	108	900	10	139	0.42	154	< 10	108			
274230	201	202	895	< 1	0.68	88	910	16	134	0.18	116	< 10	120			
274231	201	202	670	< 1	0.86	79	690	12	132	0.23	117	< 10	92			
274232	201	202	435	< 1	0.80	62	710	10	111	0.22	121	< 10	80			
274233	201	202	525	< 1	1.18	64	540	12	193	0.23	104	< 10	78			
274234	201	202	665	< 1	0.94	81	770	8	147	0.25	117	< 10	102			
274235	201	202	425	< 1	0.69	90	780	10	88	0.20	127	< 10	102			
274236	201	202	320	< 1	0.92	41	320	6	116	0.30	156	< 10	66			
274237	201	202	830	< 1	1.10	143	590	6	127	0.43	160	< 10	88			

CERTIFICATION:

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Certificate Date: 05-SEP-97
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CERTIFICATE OF ANALYSIS A9739547

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)
274238	201 202	< 5	< 0.2	5.86	1330	1.5	< 2	1.13	< 0.5	15	130	33	3.07	1.57	1.33
274239	201 202	< 5	< 0.2	6.45	1170	1.5	2	1.06	< 0.5	13	122	47	3.50	1.43	1.29
274240	201 202	< 5	< 0.2	6.69	1010	1.0	2	1.12	< 0.5	5	64	19	2.18	1.84	0.68
274241	201 202	< 5	< 0.2	6.34	1080	1.0	2	0.82	< 0.5	6	83	17	2.21	1.94	0.78
274242	201 202	< 5	0.4	4.41	1100	1.0	2	2.24	< 0.5	10	83	150	2.31	0.89	0.76
274243	201 202	< 5	< 0.2	7.75	1180	1.0	2	0.68	2.0	18	184	94	3.76	1.53	1.91
274244	201 202	< 5	< 0.2	6.15	1010	1.0	< 2	1.10	< 0.5	4	149	18	1.97	1.41	0.76
274245	201 202	< 5	< 0.2	5.11	1240	1.0	< 2	1.73	0.5	18	126	65	3.13	1.04	0.93
274246	201 202	< 5	< 0.2	5.94	1670	1.5	< 2	1.07	< 0.5	14	120	47	2.87	1.31	1.01
274247	201 202	< 5	< 0.2	5.45	820	0.5	2	0.67	< 0.5	3	74	10	2.06	1.29	0.56
274248	201 202	< 5	< 0.2	6.57	1020	1.0	< 2	1.51	< 0.5	7	55	30	2.37	1.62	0.79
274249	201 202	< 5	< 0.2	5.79	1010	1.0	< 2	0.92	< 0.5	13	115	23	3.44	1.09	1.10
274250	201 202	< 5	< 0.2	6.25	910	1.0	< 2	1.17	1.0	3	45	27	1.57	1.53	0.48
274251	201 202	< 5	< 0.2	5.02	760	0.5	< 2	2.56	< 0.5	5	44	51	1.61	1.31	0.73
274252	201 202	10	< 0.2	5.11	1120	1.0	2	0.68	0.5	11	146	18	2.95	1.40	1.21
274253	201 202	< 5	< 0.2	6.93	1420	1.5	< 2	1.54	< 0.5	12	141	57	3.08	1.94	1.64
274254	201 202	15	< 0.2	6.82	1370	1.5	2	0.73	< 0.5	16	141	81	3.48	1.92	1.23
274255	201 202	< 5	< 0.2	4.98	1070	1.0	< 2	1.72	0.5	11	125	88	2.45	1.33	0.95
274256	201 202	< 5	< 0.2	5.88	1370	1.5	< 2	1.24	< 0.5	10	154	32	2.46	1.66	1.47
274257	201 202	20	< 0.2	4.84	1160	1.0	< 2	1.73	0.5	13	100	28	2.06	1.19	1.08
274258	201 202	< 5	< 0.2	5.24	1010	0.5	< 2	0.49	< 0.5	5	103	10	2.66	1.42	0.82
274259	201 202	5	< 0.2	5.46	1290	1.5	< 2	1.32	< 0.5	12	232	57	2.53	1.40	1.85
274260	201 202	< 5	< 0.2	4.98	1290	1.0	< 2	1.69	< 0.5	8	117	17	2.53	1.23	1.07
274261	201 202	< 5	< 0.2	5.80	1050	1.0	< 2	0.78	< 0.5	4	115	14	2.04	1.40	0.80
274262	201 202	< 5	< 0.2	5.83	930	0.5	< 2	0.92	< 0.5	5	75	20	1.97	1.52	0.62
274263	201 202	< 5	< 0.2	5.05	1170	1.0	2	1.99	0.5	7	75	52	2.11	1.30	0.81
274264	201 202	< 5	< 0.2	5.48	1120	1.0	2	1.23	< 0.5	12	120	19	2.81	1.44	1.21
274265	201 202	< 5	< 0.2	4.69	740	0.5	< 2	2.49	1.0	7	35	30	1.69	1.10	0.59
274266	201 202	< 5	< 0.2	6.64	940	1.0	< 2	1.35	< 0.5	11	103	21	3.31	1.59	1.06
274267	201 202	< 5	< 0.2	5.50	970	1.0	< 2	0.76	< 0.5	6	86	9	2.38	1.60	0.76
274268	201 202	< 5	< 0.2	5.73	1260	1.5	2	0.59	< 0.5	9	85	30	3.43	1.23	0.82
274269	201 202	< 5	< 0.2	5.84	1230	1.0	2	0.74	< 0.5	13	82	26	3.09	1.38	1.09
274270	201 202	< 5	< 0.2	6.65	890	1.0	< 2	1.22	< 0.5	4	34	18	1.98	1.78	0.55
274271	201 202	< 5	< 0.2	4.92	870	0.5	< 2	0.41	< 0.5	4	53	15	2.80	1.13	0.54
274272	201 202	< 5	< 0.2	6.74	900	1.0	< 2	1.52	1.0	7	30	17	1.91	1.87	0.61
274273	201 202	< 5	< 0.2	6.43	910	0.5	< 2	1.40	1.0	20	75	27	3.72	1.33	1.17
274274	201 202	< 5	< 0.2	7.15	800	0.5	< 2	1.55	< 0.5	6	47	22	2.57	1.66	0.63
274275	201 202	< 5	< 0.2	5.65	670	0.5	< 2	0.95	< 0.5	3	59	13	2.05	1.19	0.56
274276	201 202	< 5	< 0.2	6.32	870	1.0	< 2	0.91	< 0.5	6	39	14	2.00	1.69	0.46
274277	201 202	< 5	< 0.2	4.58	1380	1.0	< 2	1.98	1.5	12	102	43	2.65	1.21	1.07

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 05-SEP-97
Invoice No. : I9739547
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9739547

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)			
274238	201	202	555	< 1	0.82	72	850	10	93	0.30	149	< 10	92			
274239	201	202	455	< 1	1.05	63	700	10	131	0.40	155	< 10	76			
274240	201	202	305	< 1	1.66	20	320	6	257	0.30	118	< 10	66			
274241	201	202	320	< 1	1.21	24	270	4	160	0.43	134	< 10	58			
274242	201	202	1585	< 1	0.60	60	1950	6	108	0.20	93	< 10	54			
274243	201	202	610	< 1	0.79	82	580	14	116	0.27	274	< 10	116			
274244	201	202	295	< 1	1.37	24	490	4	171	0.39	139	< 10	48			
274245	201	202	1515	< 1	0.76	86	1440	12	144	0.19	115	< 10	106			
274246	201	202	935	< 1	0.84	72	1230	10	117	0.25	144	< 10	98			
274247	201	202	250	< 1	1.03	18	420	8	130	0.37	133	< 10	44			
274248	201	202	435	< 1	1.68	27	990	6	266	0.28	97	< 10	56			
274249	201	202	400	< 1	0.88	55	310	8	100	0.40	158	< 10	66			
274250	201	202	280	< 1	1.84	12	770	6	281	0.26	75	< 10	54			
274251	201	202	375	< 1	1.39	36	570	4	240	0.17	51	< 10	52			
274252	201	202	315	< 1	0.71	80	510	8	69	0.31	159	< 10	92			
274253	201	202	520	< 1	0.81	97	710	8	102	0.25	139	< 10	100			
274254	201	202	645	< 1	0.68	80	700	14	61	0.29	140	< 10	96			
274255	201	202	575	< 1	0.66	75	800	10	102	0.19	118	< 10	60			
274256	201	202	360	< 1	0.70	84	820	12	71	0.23	136	< 10	96			
274257	201	202	1575	< 1	0.82	87	880	12	132	0.20	93	< 10	88			
274258	201	202	270	< 1	0.68	30	200	10	61	0.30	140	< 10	74			
274259	201	202	445	< 1	0.54	225	820	8	70	0.21	138	< 10	88			
274260	201	202	305	< 1	0.69	42	1120	8	84	0.24	112	< 10	66			
274261	201	202	275	< 1	0.97	25	470	6	107	0.32	125	< 10	60			
274262	201	202	330	< 1	1.33	22	780	8	178	0.25	95	< 10	50			
274263	201	202	460	< 1	0.82	45	960	6	131	0.24	100	< 10	68			
274264	201	202	430	< 1	0.83	55	830	4	96	0.36	138	< 10	72			
274265	201	202	685	< 1	1.18	20	930	4	208	0.19	56	< 10	52			
274266	201	202	445	< 1	1.29	49	740	6	167	0.48	145	< 10	76			
274267	201	202	370	< 1	1.00	22	470	20	101	0.33	128	< 10	56			
274268	201	202	375	< 1	0.77	32	450	12	67	0.32	150	< 10	72			
274269	201	202	525	< 1	0.85	35	420	6	82	0.40	158	< 10	68			
274270	201	202	345	< 1	1.83	8	570	6	253	0.29	95	< 10	56			
274271	201	202	230	< 1	0.72	18	480	8	74	0.30	143	< 10	72			
274272	201	202	695	< 1	2.03	8	560	6	302	0.29	70	< 10	68			
274273	201	202	1170	< 1	1.46	31	890	12	177	0.37	139	< 10	92			
274274	201	202	410	< 1	1.97	15	300	6	283	0.33	107	< 10	54			
274275	201	202	260	< 1	1.17	15	220	8	161	0.37	131	< 10	86			
274276	201	202	705	< 1	1.44	9	630	8	183	0.23	95	< 10	122			
274277	201	202	1815	< 1	0.59	90	960	10	96	0.19	120	< 10	108			

CERTIFICATION:

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To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 05-SEP-97
Invoice No. : I9739547
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9739547

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)
274278	201	202	< 5	< 0.2	5.29	1150	1.0	2	2.17	0.5	7	54	47	1.84	1.39	0.60
274279	201	202	< 5	< 0.2	4.86	1160	1.0	< 2	1.58	0.5	9	116	29	2.04	1.26	1.11
274280	201	202	< 5	< 0.2	4.70	1210	1.0	< 2	1.53	0.5	14	155	27	2.37	1.28	1.38
274281	201	202	< 5	< 0.2	5.26	1430	1.5	< 2	1.73	3.5	14	128	39	2.57	1.51	1.26
274282	201	202	< 5	< 0.2	4.84	1190	1.0	< 2	1.21	< 0.5	11	129	17	2.29	1.38	1.31
274283	201	202	< 5	< 0.2	5.11	1210	1.0	< 2	1.42	0.5	8	91	26	2.22	1.39	1.10
274284	201	202	< 5	< 0.2	4.71	1040	1.0	< 2	2.18	1.5	9	88	31	2.14	1.29	1.01
274285	201	202	< 5	< 0.2	4.38	1020	1.0	< 2	2.51	1.5	8	74	33	1.91	1.19	1.02
274286	201	202	< 5	< 0.2	5.31	860	0.5	< 2	0.62	< 0.5	11	147	15	3.23	1.29	1.20
274287	201	202	< 5	< 0.2	6.60	1480	1.5	< 2	1.59	< 0.5	18	168	37	3.51	1.72	1.48
274288	201	202	< 5	< 0.2	6.17	1600	1.5	< 2	0.99	< 0.5	12	142	33	3.29	1.68	1.33
274289	201	202	< 5	< 0.2	5.66	1050	1.0	< 2	0.62	< 0.5	3	96	9	1.42	1.43	0.68
274290	201	202	< 5	< 0.2	7.00	940	1.0	< 2	0.49	1.0	12	142	21	4.80	1.73	1.25
274291	201	202	15	< 0.2	5.84	1440	1.5	2	1.24	0.5	9	83	35	2.57	1.65	0.98
274292	201	202	< 5	< 0.2	6.39	1030	1.0	< 2	0.98	< 0.5	18	146	35	6.07	1.08	1.12
274293	201	202	< 5	< 0.2	6.08	1150	1.0	2	0.89	< 0.5	9	92	19	2.65	1.49	0.97
274294	201	202	< 5	< 0.2	6.82	1330	1.5	< 2	1.29	0.5	9	49	53	2.29	1.73	0.69
274295	201	202	< 5	< 0.2	5.36	970	1.0	< 2	2.21	0.5	8	65	46	2.09	1.31	0.85
274296	201	202	< 5	< 0.2	4.99	970	1.0	< 2	1.99	0.5	8	56	31	1.88	1.28	0.72
274297	201	202	75	< 0.2	5.21	1040	0.5	< 2	0.96	1.5	3	43	14	1.29	1.41	0.50
274298	201	202	< 5	< 0.2	4.70	1010	1.0	< 2	1.96	1.0	8	72	41	2.13	1.20	0.89
274299	201	202	< 5	< 0.2	5.30	1570	1.5	< 2	1.91	1.5	12	94	73	2.50	1.40	0.92
274300	201	202	< 5	< 0.2	4.34	1200	1.0	< 2	2.43	1.5	10	79	64	1.85	1.15	0.72
274301	201	202	< 5	< 0.2	4.75	1150	1.0	< 2	1.66	< 0.5	9	80	32	2.09	1.24	0.87
274302	201	202	< 5	< 0.2	5.75	960	0.5	< 2	0.86	0.5	15	195	22	3.39	1.22	1.53
274303	201	202	< 5	< 0.2	3.67	940	0.5	< 2	2.88	2.0	6	50	74	1.60	0.96	0.62
274304	201	202	< 5	< 0.2	4.72	1050	0.5	< 2	0.26	0.5	4	53	11	2.12	1.35	0.49
274305	201	202	< 5	< 0.2	7.00	790	1.0	< 2	1.56	< 0.5	4	15	13	1.82	1.90	0.56
274306	201	202	< 5	< 0.2	5.24	1050	1.0	< 2	2.22	< 0.5	8	60	64	2.05	1.30	0.75
274307	201	202	< 5	< 0.2	5.28	1390	1.5	< 2	1.23	0.5	11	100	39	2.50	1.72	1.29
274308	201	202	< 5	< 0.2	6.81	1340	1.5	2	1.96	0.5	7	62	101	2.73	1.83	0.92
274309	201	202	< 5	< 0.2	4.77	1050	1.0	< 2	2.83	0.5	8	57	71	1.97	1.27	0.85
274310	201	202	< 5	< 0.2	6.39	1190	1.0	2	1.31	< 0.5	14	94	31	2.94	1.69	1.30
274311	201	202	< 5	< 0.2	5.87	1350	1.5	< 2	2.47	< 0.5	8	85	64	2.58	1.63	1.07
274312	201	202	< 5	< 0.2	6.05	1260	0.5	2	1.57	2.0	14	68	33	3.39	1.36	0.77
274313	201	202	< 5	< 0.2	7.30	1460	1.0	< 2	1.24	< 0.5	7	44	22	2.27	2.15	0.77
274314	201	202	< 5	< 0.2	5.94	960	1.0	< 2	2.42	< 0.5	5	22	39	1.57	1.70	0.56
274315	201	202	< 5	< 0.2	6.86	1070	1.0	2	1.15	< 0.5	3	52	17	1.69	2.06	0.58
274316	201	202	< 5	< 0.2	6.84	770	0.5	< 2	2.65	< 0.5	4	8	17	1.73	1.81	0.71
274317	201	202	< 5	< 0.2	7.61	1310	1.5	2	0.94	< 0.5	13	99	39	3.76	2.46	0.92

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VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 05-SEP-97
Invoice No. :I9739547
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Account :GP W

CERTIFICATE OF ANALYSIS A9739547

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)			
274278	201	202	575	< 1	1.22	64	940	8	202	0.15	68	< 10	66			
274279	201	202	405	< 1	0.74	73	800	6	100	0.25	115	< 10	98			
274280	201	202	960	< 1	0.59	113	890	8	78	0.27	124	< 10	104			
274281	201	202	1875	< 1	0.56	91	930	8	81	0.21	144	< 10	164			
274282	201	202	400	< 1	0.67	70	710	6	73	0.24	119	< 10	74			
274283	201	202	350	< 1	0.71	51	800	10	82	0.23	133	< 10	80			
274284	201	202	800	< 1	0.90	89	760	6	145	0.23	99	< 10	86			
274285	201	202	740	< 1	0.84	106	950	6	147	0.20	88	< 10	96			
274286	201	202	315	< 1	0.75	65	240	8	57	0.34	132	< 10	56			
274287	201	202	1195	< 1	0.74	115	740	12	94	0.23	151	< 10	104			
274288	201	202	440	< 1	0.70	78	770	12	64	0.27	153	< 10	96			
274289	201	202	170	< 1	0.76	21	280	6	69	0.29	122	< 10	40			
274290	201	202	545	< 1	0.89	55	1100	10	69	0.50	192	< 10	132			
274291	201	202	425	< 1	0.76	48	830	8	92	0.25	140	< 10	104			
274292	201	202	510	< 1	1.15	57	490	6	95	0.59	229	< 10	96			
274293	201	202	360	< 1	1.02	41	280	8	112	0.29	134	< 10	68			
274294	201	202	790	< 1	1.48	27	460	10	205	0.21	101	< 10	86			
274295	201	202	465	< 1	0.88	35	960	8	139	0.22	100	< 10	76			
274296	201	202	655	< 1	0.91	31	780	6	133	0.21	89	< 10	66			
274297	201	202	275	< 1	1.00	10	330	8	109	0.20	106	< 10	80			
274298	201	202	440	< 1	0.69	39	1100	6	94	0.22	111	< 10	102			
274299	201	202	1415	< 1	0.60	82	860	16	92	0.20	138	< 10	118			
274300	201	202	775	< 1	0.64	56	970	10	109	0.18	99	< 10	100			
274301	201	202	520	< 1	0.70	41	840	6	90	0.22	126	< 10	90			
274302	201	202	480	< 1	0.79	98	140	6	77	0.36	147	< 10	84			
274303	201	202	645	< 1	0.55	48	1350	8	119	0.15	80	< 10	122			
274304	201	202	255	< 1	0.57	17	280	8	40	0.23	166	< 10	72			
274305	201	202	325	< 1	2.07	5	220	6	313	0.21	58	< 10	58			
274306	201	202	490	< 1	1.01	61	780	6	162	0.17	87	< 10	70			
274307	201	202	600	< 1	0.65	77	690	12	102	0.21	143	< 10	102			
274308	201	202	375	< 1	1.21	68	610	8	213	0.17	121	< 10	102			
274309	201	202	460	< 1	0.90	54	810	6	179	0.15	91	< 10	92			
274310	201	202	575	< 1	1.27	48	280	6	179	0.24	117	< 10	102			
274311	201	202	390	2	0.74	48	830	6	143	0.17	130	< 10	122			
274312	201	202	475	< 1	1.11	27	470	12	153	0.27	127	< 10	178			
274313	201	202	465	< 1	1.69	23	300	8	260	0.22	96	< 10	72			
274314	201	202	360	< 1	1.53	16	690	6	258	0.15	54	< 10	58			
274315	201	202	320	< 1	1.80	12	410	6	259	0.22	83	< 10	58			
274316	201	202	475	< 1	2.33	6	730	4	441	0.20	44	< 10	50			
274317	201	202	585	< 1	0.74	32	580	18	126	0.29	132	< 10	94			

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PHONE: 604-984-0221 FAX: 604-984-0218

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Page Number :9-A
Total Pages :10
Certificate Date: 05-SEP-97
Invoice No. :I9739547
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9739547

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)
274318	201 202	< 5	< 0.2	6.88	850	1.0	< 2	2.20	< 0.5	4	8	22	1.57	1.87	0.56
274319	201 202	< 5	< 0.2	7.09	1120	1.5	< 2	0.95	< 0.5	11	62	28	2.89	1.62	0.71
274320	201 202	< 5	< 0.2	6.30	760	0.5	< 2	1.55	< 0.5	20	65	20	3.41	1.27	1.04
274321	201 202	< 5	< 0.2	5.14	970	0.5	< 2	0.60	< 0.5	10	92	56	2.45	1.36	0.85
274322	201 202	< 5	< 0.2	5.47	850	0.5	< 2	0.74	< 0.5	6	69	10	2.09	1.35	0.66
274324	201 202	< 5	< 0.2	5.81	1190	1.0	< 2	1.68	< 0.5	21	211	27	3.58	1.58	2.53
274325	201 202	< 5	< 0.2	5.79	1360	1.5	< 2	1.42	< 0.5	15	116	40	2.80	1.68	1.48
274326	201 202	< 5	< 0.2	5.40	1210	1.5	< 2	1.40	< 0.5	14	135	33	3.11	1.53	1.87
274327	201 202	< 5	< 0.2	5.68	1190	1.0	2	1.70	< 0.5	12	104	43	3.05	1.50	1.48
274328	201 202	20	< 0.2	5.65	850	0.5	2	2.81	< 0.5	21	123	32	4.48	1.05	2.02
274329	201 202	< 5	< 0.2	5.84	810	1.0	2	2.55	< 0.5	20	107	50	4.48	1.11	1.78
274330	201 202	< 5	< 0.2	5.95	1050	1.5	2	1.55	< 0.5	22	124	88	4.89	1.42	1.63
274331	201 202	< 5	< 0.2	5.31	1380	1.5	< 2	1.07	0.5	15	142	36	2.95	1.49	1.31
274332	201 202	< 5	< 0.2	5.42	1520	1.5	< 2	0.74	< 0.5	10	106	36	2.57	1.80	1.25
274333	201 202	< 5	< 0.2	5.67	1690	1.5	2	0.97	1.0	14	107	48	2.93	1.82	1.17
274334	201 202	< 5	< 0.2	3.01	760	0.5	< 2	3.85	0.5	3	22	62	1.15	0.74	0.51
274335	201 202	< 5	< 0.2	4.44	1190	1.5	< 2	2.67	< 0.5	9	63	126	2.14	1.20	0.77
274336	201 202	< 5	< 0.2	6.56	1670	2.0	< 2	2.06	1.0	15	104	218	3.53	1.93	1.30
274337	201 202	< 5	< 0.2	5.65	1730	1.5	2	0.80	< 0.5	12	108	57	3.26	2.12	1.30
274338	201 202	< 5	< 0.2	6.35	1450	1.5	< 2	2.15	0.5	9	71	106	2.74	1.83	1.09
274339	201 202	< 5	< 0.2	5.23	1820	1.5	2	0.75	< 0.5	12	116	28	2.76	1.86	1.34
274340	201 202	< 5	< 0.2	4.98	1770	1.5	2	1.41	< 0.5	12	102	88	2.86	1.59	1.21
274341	201 202	< 5	< 0.2	5.12	1510	1.0	< 2	1.89	< 0.5	5	79	50	1.71	1.56	1.12
274342	201 202	< 5	< 0.2	4.91	1370	0.5	< 2	0.48	< 0.5	7	168	17	3.42	1.56	0.84
274343	201 202	< 5	< 0.2	5.99	1570	1.5	< 2	0.79	< 0.5	15	174	49	3.59	1.85	1.63
274344	201 202	< 5	< 0.2	5.57	1400	1.0	< 2	1.15	< 0.5	10	130	33	2.83	1.73	1.37
274345	201 202	< 5	< 0.2	4.47	1170	1.0	< 2	0.78	< 0.5	10	124	27	2.28	1.56	1.30
274346	201 202	< 5	< 0.2	4.80	1150	1.0	< 2	1.16	< 0.5	11	107	17	2.32	1.54	1.20
274347	201 202	< 5	< 0.2	5.85	680	0.5	< 2	2.56	< 0.5	4	10	20	1.39	1.46	0.67
274350	201 202	< 5	< 0.2	7.34	900	1.0	< 2	1.54	< 0.5	3	5	18	1.37	2.29	0.43
274351	201 202	< 5	< 0.2	5.00	1000	1.0	< 2	1.88	< 0.5	7	42	43	2.02	1.47	0.70
274352	201 202	< 5	< 0.2	5.71	950	1.0	2	2.07	1.5	8	24	51	1.51	1.58	0.52
274353	201 202	< 5	< 0.2	5.86	1420	1.5	< 2	0.93	0.5	9	110	30	2.71	1.94	1.19
274354	201 202	< 5	< 0.2	5.55	1340	1.5	< 2	0.94	< 0.5	7	82	34	2.61	1.79	0.99
274355	201 202	< 5	< 0.2	5.57	1780	1.5	2	0.85	< 0.5	10	131	36	2.90	1.75	1.50
274356	201 202	< 5	< 0.2	5.97	1320	1.5	< 2	0.52	0.5	9	79	28	2.85	1.69	0.93
274357	201 202	< 5	< 0.2	6.58	1230	1.5	< 2	0.74	< 0.5	9	77	26	2.82	1.89	1.01
274358	201 202	< 5	< 0.2	6.95	1340	1.5	< 2	1.01	< 0.5	10	83	33	3.22	2.17	1.25
274359	201 202	< 5	< 0.2	7.20	1330	1.5	2	1.44	< 0.5	11	97	40	3.31	2.14	1.49
274360	201 202	< 5	< 0.2	6.01	1050	1.5	2	1.80	< 0.5	10	66	25	2.63	1.69	1.08

CERTIFICATION: Stuart Buchlen

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 05-SEP-97
Invoice No. :I9739547
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9739547

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)			
274318	201 202	395	< 1	2.36	6	380	6	434	0.19	37	< 10	44			
274319	201 202	810	< 1	1.29	22	290	10	203	0.24	108	< 10	106			
274320	201 202	590	< 1	1.48	22	440	4	218	0.39	146	< 10	118			
274321	201 202	310	< 1	0.69	35	460	4	94	0.29	137	< 10	92			
274322	201 202	245	< 1	1.10	20	200	6	153	0.27	99	< 10	44			
274324	201 202	835	< 1	0.81	150	810	10	125	0.33	149	< 10	100			
274325	201 202	615	< 1	0.83	112	810	8	128	0.25	144	< 10	114			
274326	201 202	615	< 1	0.81	107	900	8	102	0.36	150	< 10	94			
274327	201 202	630	< 1	1.02	84	770	10	150	0.33	139	< 10	90			
274328	201 202	915	< 1	0.97	58	630	6	115	0.48	193	< 10	98			
274329	201 202	1105	< 1	1.12	54	840	4	131	0.44	179	< 10	104			
274330	201 202	940	< 1	0.75	87	720	6	81	0.41	187	< 10	112			
274331	201 202	485	< 1	0.64	105	820	12	77	0.25	153	< 10	100			
274332	201 202	405	< 1	0.59	73	770	12	79	0.28	169	< 10	104			
274333	201 202	720	1	0.54	79	830	14	93	0.25	183	< 10	130			
274334	201 202	320	< 1	0.66	34	920	4	249	0.10	44	< 10	60			
274335	201 202	590	< 1	0.67	60	1070	6	193	0.16	84	< 10	52			
274336	201 202	1560	3	0.54	96	860	12	138	0.20	170	< 10	136			
274337	201 202	690	1	0.51	55	550	16	109	0.31	148	< 10	108			
274338	201 202	465	1	1.23	74	630	10	263	0.20	110	< 10	102			
274339	201 202	785	1	0.56	57	790	12	116	0.27	140	< 10	92			
274340	201 202	880	1	0.50	62	910	12	133	0.22	122	< 10	96			
274341	201 202	695	< 1	0.86	46	860	8	234	0.21	96	< 10	92			
274342	201 202	475	1	0.76	31	590	< 2	115	0.30	152	< 10	66			
274343	201 202	965	2	0.52	98	780	< 2	109	0.25	172	< 10	108			
274344	201 202	675	1	0.75	64	750	< 2	161	0.26	126	< 10	100			
274345	201 202	430	< 1	0.58	62	790	< 2	94	0.28	102	< 10	62			
274346	201 202	535	< 1	0.53	49	660	< 2	97	0.20	104	< 10	68			
274347	201 202	320	< 1	1.98	13	650	< 2	427	0.19	35	< 10	36			
274350	201 202	350	1	2.76	< 1	240	< 2	435	0.16	23	< 10	46			
274351	201 202	555	< 1	1.23	32	850	< 2	270	0.17	70	< 10	70			
274352	201 202	580	2	1.69	26	630	< 2	335	0.16	52	< 10	84			
274353	201 202	450	< 1	0.64	58	890	4	125	0.27	151	< 10	114			
274354	201 202	415	1	0.70	50	900	4	108	0.26	158	< 10	120			
274355	201 202	495	< 1	0.65	72	580	< 2	149	0.24	136	< 10	88			
274356	201 202	470	< 1	0.75	41	330	6	93	0.28	169	< 10	110			
274357	201 202	430	< 1	1.17	32	480	4	159	0.29	139	< 10	84			
274358	201 202	605	< 1	1.13	39	760	4	157	0.28	142	< 10	114			
274359	201 202	640	< 1	1.32	44	830	6	183	0.28	137	< 10	102			
274360	201 202	655	< 1	1.27	26	800	< 2	224	0.20	100	< 10	98			

CERTIFICATION: Stuart Sandilan

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Page Number : 10-A
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Certificate Date: 05-SEP-97
Invoice No. : I9739547
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9739547

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)
274361	201	202	< 5	< 0.2	5.66	1260	1.5	< 2	1.39	0.5	13	91	31	3.21	1.74	1.27
274362	201	202	50	< 0.2	4.72	1190	1.5	2	1.05	< 0.5	10	118	23	2.83	1.42	0.98
274363	201	202	< 5	< 0.2	5.74	1250	1.5	< 2	1.09	0.5	11	93	28	3.01	1.72	1.09
274364	201	202	< 5	< 0.2	5.06	1250	1.5	< 2	0.99	0.5	11	142	24	3.23	1.53	1.06
274365	201	202	< 5	< 0.2	4.65	1080	1.5	2	1.26	< 0.5	10	85	22	2.72	1.41	1.09
274366	201	202	< 5	< 0.2	6.33	1330	1.5	2	0.90	< 0.5	10	93	35	3.04	2.01	1.22
274367	201	202	< 5	< 0.2	6.72	1430	1.5	< 2	1.03	< 0.5	14	100	39	3.36	2.08	1.39
274368	201	202	< 5	< 0.2	5.68	1260	1.5	< 2	0.78	< 0.5	10	101	26	2.91	1.61	1.29
274369	201	202	< 5	< 0.2	5.35	1390	1.5	< 2	0.96	1.0	16	102	29	2.85	1.76	1.11
274370	201	202	< 5	< 0.2	6.29	1640	1.5	< 2	0.95	< 0.5	10	101	46	3.02	2.01	1.18
274371	201	202	< 5	< 0.2	5.74	1500	1.5	< 2	0.80	< 0.5	10	97	37	2.87	1.87	1.20
274372	201	202	< 5	< 0.2	5.49	1350	1.5	2	0.64	< 0.5	12	94	24	2.65	1.76	1.08

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Page Number : 10-B
Total Pages : 10
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Account : GP W

CERTIFICATE OF ANALYSIS A9739547

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)			
274361	201	202	585	< 1	0.90	57	1160	10	105	0.30	136	< 10	128			
274362	201	202	510	< 1	0.91	47	1240	8	102	0.48	117	< 10	82			
274363	201	202	415	< 1	1.02	48	1440	12	115	0.33	134	< 10	142			
274364	201	202	640	< 1	0.88	55	1220	10	101	0.47	127	< 10	108			
274365	201	202	510	< 1	0.91	45	1150	8	105	0.36	111	< 10	96			
274366	201	202	590	< 1	0.89	44	720	12	127	0.25	142	< 10	102			
274367	201	202	565	< 1	0.89	46	750	16	116	0.26	155	< 10	106			
274368	201	202	405	< 1	0.90	39	470	10	95	0.27	141	< 10	78			
274369	201	202	1200	< 1	0.71	57	960	16	117	0.26	151	< 10	202			
274370	201	202	530	1	0.71	66	820	12	132	0.26	175	< 10	124			
274371	201	202	480	1	0.68	62	870	14	113	0.25	165	< 10	120			
274372	201	202	445	< 1	0.69	50	570	12	111	0.27	150	< 10	96			

CERTIFICATION:

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To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

A9739548

Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

CERTIFICATE A9739548

(GP W) - WESTMIN RESOURCES LTD.

Project: 6410
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 5-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	211	Dry, sieve to -80 mesh
202	211	save reject
285	211	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	209	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	211	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	211	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	211	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	211	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	211	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	211	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	211	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	211	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	211	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	211	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	211	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	211	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	211	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	211	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	211	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	211	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	211	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	211	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	211	Pb ppm: 24 element, rock & core	AAS	2	10000
582	211	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	211	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	211	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	211	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	211	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

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Page Number :1-A
Total Pages :6
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CERTIFICATE OF ANALYSIS A9739548

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)
276001	201	202	< 5	< 0.2	4.68	920	0.5	< 2	0.63	< 0.5	9	119	14	2.74	1.31	1.03
276002	201	202	< 5	< 0.2	5.45	940	1.0	< 2	1.29	1.0	4	29	24	1.67	1.56	0.49
276003	201	202	< 5	< 0.2	3.74	860	0.5	< 2	0.75	< 0.5	7	126	15	2.53	0.96	0.92
276004	201	202	< 5	< 0.2	4.61	1350	1.0	< 2	1.50	0.5	15	162	29	2.54	1.26	1.55
276005	201	202	< 5	< 0.2	0.67	310	< 0.5	< 2	2.95	0.5	5	17	26	0.41	0.13	0.52
276006	201	202	< 5	< 0.2	4.82	760	0.5	< 2	0.88	0.5	10	142	11	3.03	0.86	1.02
276007	201	202	< 5	< 0.2	1.41	310	< 0.5	< 2	2.78	0.5	27	269	37	1.17	0.25	1.66
276008	201	202	< 5	< 0.2	6.19	680	1.0	< 2	1.98	< 0.5	4	10	25	1.41	1.65	0.70
276009	201	202	< 5	< 0.2	3.50	480	0.5	< 2	1.90	< 0.5	2	7	21	0.91	1.00	0.46
276010	201	202	< 5	< 0.2	4.17	1090	1.0	< 2	0.79	< 0.5	9	136	16	2.13	1.26	1.19
276011	201	202	< 5	< 0.2	5.18	1190	0.5	< 2	1.05	0.5	16	180	11	2.80	1.15	1.43
276012	201	202	< 5	< 0.2	4.05	1110	1.0	< 2	1.87	1.5	19	203	52	2.44	1.02	1.86
276013	201	202	< 5	< 0.2	4.38	770	0.5	< 2	2.12	0.5	24	329	79	3.01	0.89	4.76
276014	201	202	< 5	< 0.2	1.77	630	0.5	< 2	3.49	0.5	14	227	440	1.42	0.28	1.26
276015	201	202	< 5	< 0.2	4.57	920	0.5	< 2	1.93	0.5	13	206	33	2.21	1.20	2.14
276016	201	202	< 5	< 0.2	5.04	1370	1.0	< 2	1.58	0.5	26	377	39	3.64	1.12	3.88
276017	201	202	< 5	< 0.2	7.53	1110	1.5	< 2	1.60	0.5	7	70	26	2.34	2.18	0.95
276018	201	202	< 5	< 0.2	5.07	890	0.5	< 2	1.53	< 0.5	24	393	14	3.29	1.19	2.45
276019	201	202	< 5	< 0.2	13.30	1090	4.0	20	0.30	< 0.5	22	120	69	7.31	3.78	1.08
276020	201	202	< 5	< 0.2	4.68	740	0.5	< 2	1.89	0.5	33	544	19	3.16	1.07	4.15
276021	201	202	< 5	< 0.2	5.18	1070	1.0	< 2	1.93	0.5	15	160	51	2.46	1.21	2.05
276022	201	202	40	< 0.2	4.89	1250	1.0	< 2	1.22	0.5	21	259	33	3.05	1.24	2.48
276023	201	202	< 5	< 0.2	5.29	890	0.5	< 2	0.81	< 0.5	6	75	12	1.87	1.24	0.70
276024	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
276026	201	202	< 5	< 0.2	5.92	950	1.5	< 2	1.42	0.5	39	288	189	3.15	1.30	1.97
276027	201	202	< 5	< 0.2	6.60	1050	1.0	< 2	1.38	0.5	12	188	33	2.85	1.51	1.34
276028	201	202	< 5	< 0.2	5.46	820	0.5	< 2	1.30	< 0.5	12	174	14	2.69	1.09	1.29
276029	201	202	< 5	< 0.2	4.46	1360	1.0	< 2	1.29	< 0.5	19	220	38	2.93	1.18	2.10
276030	201	202	< 5	< 0.2	4.38	1450	1.0	< 2	0.66	0.5	8	92	26	2.22	1.38	0.88
276031	201	202	< 5	< 0.2	6.31	1070	1.0	< 2	1.09	< 0.5	9	51	62	3.41	1.39	0.54
276032	201	202	< 5	< 0.2	5.50	930	0.5	< 2	1.15	0.5	8	78	15	2.33	1.13	0.68
276033	201	202	< 5	< 0.2	5.89	840	1.0	< 2	1.80	< 0.5	3	9	48	1.61	1.67	0.44
276034	201	202	< 5	< 0.2	5.41	1060	1.0	< 2	1.46	< 0.5	5	79	55	1.90	1.48	0.67
276035	201	202	< 5	< 0.2	5.46	860	0.5	< 2	0.91	0.5	4	98	15	1.89	1.42	0.58
276036	201	202	< 5	< 0.2	5.84	1020	0.5	2	1.02	0.5	10	97	36	2.44	1.28	0.71
276037	201	202	< 5	< 0.2	6.88	1480	1.5	< 2	1.64	< 0.5	10	71	47	2.41	1.60	0.69
276038	201	202	< 5	< 0.2	4.44	810	0.5	< 2	0.86	< 0.5	5	91	6	1.86	1.33	0.65
276039	201	202	< 5	1.2	7.69	2380	2.5	< 2	0.98	2.0	19	124	97	3.96	1.39	0.99
276040	201	202	< 5	< 0.2	5.04	1300	1.5	< 2	2.17	1.5	14	127	136	2.67	1.39	1.25
276041	201	202	< 5	< 0.2	3.24	720	0.5	< 2	2.52	1.5	19	53	39	3.14	0.93	0.87

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Page Number :1-B
Total Pages :6
Certificate Date: 05-SEP-97
Invoice No. :I9739548
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9739548

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)			
276001	201	202	350	1	0.87	44	360	4	75	0.23	113	< 10	52			
276002	201	202	365	< 1	1.82	12	490	4	346	0.17	53	< 10	84			
276003	201	202	325	< 1	0.65	39	130	< 2	87	0.27	107	< 10	46			
276004	201	202	555	1	0.82	139	530	6	133	0.20	127	< 10	62			
276005	201	202	670	6	0.09	66	760	< 2	114	0.01	13	< 10	52			
276006	201	202	340	< 1	0.93	49	150	4	119	0.28	142	< 10	58			
276007	201	202	330	< 1	0.30	293	670	< 2	176	0.04	20	< 10	14			
276008	201	202	310	< 1	2.43	15	360	< 2	536	0.17	33	< 10	44			
276009	201	202	170	< 1	1.33	20	310	< 2	293	0.09	17	< 10	24			
276010	201	202	285	< 1	0.64	67	620	4	70	0.21	122	< 10	72			
276011	201	202	530	1	0.98	74	170	< 2	111	0.27	143	< 10	122			
276012	201	202	830	< 1	0.57	257	760	2	114	0.16	114	< 10	82			
276013	201	202	340	< 1	0.80	755	540	< 2	175	0.09	76	< 10	62			
276014	201	202	275	< 1	0.24	368	720	< 2	133	0.06	44	< 10	52			
276015	201	202	320	< 1	0.97	185	620	< 2	241	0.16	90	< 10	88			
276016	201	202	650	1	0.81	352	590	2	113	0.23	146	< 10	90			
276017	201	202	405	2	2.55	50	330	4	512	0.19	69	< 10	70			
276018	201	202	605	< 1	1.17	121	280	6	165	0.30	138	< 10	68			
276019	201	202	520	7	0.48	59	700	12	58	0.51	121	10	194			
276020	201	202	570	< 1	1.01	285	240	2	153	0.19	101	< 10	72			
276021	201	202	470	< 1	1.06	277	720	2	243	0.13	88	< 10	106			
276022	201	202	605	1	0.66	191	660	4	90	0.23	134	< 10	78			
276023	201	202	355	< 1	1.17	24	150	6	160	0.28	116	< 10	54			
276024	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd			
276026	201	202	795	< 1	1.43	247	720	< 2	272	0.18	101	< 10	76			
276027	201	202	370	< 1	1.77	105	290	2	335	0.25	110	< 10	64			
276028	201	202	410	< 1	1.31	64	190	4	189	0.30	125	< 10	70			
276029	201	202	480	< 1	0.72	171	780	8	78	0.27	141	< 10	84			
276030	201	202	325	1	0.58	56	760	4	80	0.22	141	< 10	78			
276031	201	202	655	< 1	1.51	38	400	10	312	0.24	121	< 10	120			
276032	201	202	485	< 1	1.27	21	210	10	203	0.30	134	< 10	62			
276033	201	202	280	< 1	2.21	12	650	4	457	0.14	27	< 10	38			
276034	201	202	260	< 1	1.31	27	390	6	244	0.25	103	< 10	48			
276035	201	202	295	1	1.43	19	250	8	211	0.30	105	< 10	80			
276036	201	202	510	2	1.16	36	330	10	197	0.24	126	< 10	88			
276037	201	202	385	< 1	1.72	57	610	6	345	0.19	81	10	68			
276038	201	202	265	< 1	0.94	24	200	6	110	0.27	109	< 10	50			
276039	201	202	2600	2	0.89	112	970	14	138	0.26	159	< 10	304			
276040	201	202	565	< 1	0.57	99	680	10	109	0.20	128	< 10	88			
276041	201	202	4100	5	0.59	65	920	6	241	0.10	57	< 10	64			

CERTIFICATION:

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 05-SEP-97
Invoice No. : I9739548
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9739548

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)
276042	201	202	15	< 0.2	3.27	600	0.5	< 2	2.71	0.5	6	56	66	1.40	0.82	0.81
276043	201	202	< 5	< 0.2	4.37	790	0.5	< 2	2.51	< 0.5	6	43	46	1.50	1.22	0.70
276044	201	202	< 5	< 0.2	5.56	1370	1.0	< 2	0.63	0.5	10	130	15	2.81	1.65	1.16
276045	201	202	< 5	< 0.2	7.14	1420	1.5	< 2	0.41	0.5	17	141	28	4.00	1.73	1.18
276046	201	202	< 5	< 0.2	4.98	1050	1.0	< 2	1.33	0.5	16	188	23	2.73	1.42	1.99
276047	201	202	< 5	< 0.2	5.52	1370	1.5	< 2	1.27	1.0	24	225	35	3.76	1.58	2.35
276048	201	202	< 5	< 0.2	2.41	570	< 0.5	< 2	2.67	< 0.5	16	194	32	2.08	0.57	1.74
276049	201	202	< 5	< 0.2	6.01	1280	1.0	< 2	1.57	< 0.5	23	317	53	3.77	1.37	2.76
276050	201	202	< 5	< 0.2	2.84	540	0.5	< 2	3.17	0.5	6	52	20	1.09	0.78	0.84
276051	201	202	< 5	< 0.2	4.94	990	1.0	< 2	1.99	0.5	19	198	34	2.82	1.41	2.12
276052	201	202	< 5	< 0.2	6.13	1360	1.5	< 2	1.33	0.5	23	262	63	3.76	1.70	2.22
276053	201	202	< 5	< 0.2	2.49	590	< 0.5	< 2	3.19	< 0.5	4	17	27	0.72	0.66	0.56
276054	201	202	< 5	< 0.2	0.97	220	< 0.5	< 2	3.10	2.0	2	56	64	0.59	0.19	0.67
276055	201	202	< 5	< 0.2	5.94	1370	1.5	< 2	1.40	0.5	22	238	56	3.76	1.60	1.95
276056	201	202	< 5	< 0.2	5.15	1160	1.0	< 2	1.25	0.5	13	153	24	2.66	1.53	1.50
276057	201	202	< 5	< 0.2	4.53	1170	1.5	< 2	1.01	0.5	14	215	22	2.56	1.31	1.88
276058	201	202	< 5	< 0.2	4.27	1050	1.0	< 2	0.89	< 0.5	10	152	9	2.30	1.20	1.26
276059	201	202	< 5	< 0.2	5.81	1420	1.5	< 2	1.31	0.5	14	141	29	2.88	1.63	1.26
276060	201	202	< 5	< 0.2	4.70	1190	1.0	< 2	0.75	0.5	8	149	10	2.18	1.35	1.18
276061	201	202	< 5	< 0.2	4.69	1460	1.0	< 2	1.00	0.5	16	218	24	2.63	1.24	1.72
276062	201	202	< 5	< 0.2	5.91	1550	1.5	< 2	1.02	1.5	17	228	46	3.09	1.74	1.96
276063	201	202	< 5	< 0.2	2.34	870	0.5	< 2	2.78	< 0.5	12	92	73	1.10	0.51	1.03
276064	201	202	< 5	< 0.2	5.38	1070	0.5	< 2	1.63	< 0.5	26	330	39	2.82	1.36	3.02
276065	201	202	< 5	< 0.2	5.24	980	1.0	< 2	1.99	< 0.5	29	503	34	3.31	1.22	4.27
276066	201	202	< 5	< 0.2	5.12	980	1.0	< 2	0.71	< 0.5	19	279	11	3.49	1.34	2.12
276067	201	202	< 5	< 0.2	2.80	670	0.5	< 2	3.49	2.0	5	10	48	0.77	0.72	0.29
276068	201	202	< 5	< 0.2	3.82	590	0.5	< 2	1.82	2.0	9	59	51	3.99	0.88	0.80
276069	201	202	< 5	< 0.2	5.45	1710	1.5	< 2	0.54	0.5	8	98	40	2.88	1.67	0.94
276070	201	202	< 5	< 0.2	4.73	1100	0.5	< 2	2.18	0.5	6	48	38	1.71	1.29	0.67
276071	201	202	10	< 0.2	7.35	1170	1.5	< 2	1.21	0.5	24	196	60	4.64	2.08	1.76
276072	201	202	< 5	< 0.2	6.63	1270	1.0	< 2	1.28	0.5	6	76	26	2.14	1.86	0.73
276073	201	202	< 5	< 0.2	2.47	550	0.5	< 2	1.90	1.0	1	13	28	0.77	0.64	0.27
276074	201	202	< 5	< 0.2	6.60	1100	1.0	< 2	1.26	2.0	11	30	30	1.83	1.89	0.58
276075	201	202	< 5	1.4	5.43	1120	1.5	< 2	2.00	1.5	9	108	117	2.73	1.31	0.86
276076	201	202	< 5	0.4	7.12	1620	1.5	< 2	1.50	0.5	11	91	42	2.87	1.78	0.86
276077	201	202	< 5	< 0.2	5.67	1050	1.0	< 2	0.95	< 0.5	6	76	11	2.01	1.69	0.77
276078	201	202	< 5	< 0.2	6.34	1500	1.5	< 2	1.06	0.5	11	131	26	2.88	1.81	1.35
276079	201	202	< 5	< 0.2	5.84	1240	1.0	< 2	0.69	0.5	8	95	10	2.49	1.78	0.94
276080	201	202	< 5	< 0.2	5.86	1280	1.5	< 2	1.44	0.5	10	109	27	2.65	1.66	1.18
276081	201	202	not/ss	< 0.2	5.26	1280	1.0	< 2	1.41	0.5	9	97	25	2.33	1.44	0.97

CERTIFICATION: Stuart Buchler

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

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 05-SEP-97
Invoice No. :I9739548
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Account :GP W

CERTIFICATE OF ANALYSIS A9739548

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)			
276042	201	202	380	< 1	0.86	100	970	4	275	0.11	40	< 10	44			
276043	201	202	595	2	1.16	59	880	< 2	309	0.12	47	< 10	44			
276044	201	202	355	< 1	0.79	68	360	6	89	0.29	129	< 10	74			
276045	201	202	445	< 1	0.76	91	270	12	73	0.30	124	< 10	96			
276046	201	202	990	< 1	0.79	143	740	8	142	0.25	107	< 10	82			
276047	201	202	2140	< 1	0.79	237	880	12	132	0.25	131	< 10	106			
276048	201	202	1510	3	0.52	436	640	< 2	201	0.08	43	< 10	48			
276049	201	202	605	< 1	0.75	295	390	10	136	0.25	133	< 10	80			
276050	201	202	550	< 1	0.73	73	660	2	254	0.08	31	< 10	40			
276051	201	202	720	1	0.70	167	700	12	162	0.22	100	< 10	112			
276052	201	202	580	2	0.79	220	590	20	129	0.27	137	< 10	110			
276053	201	202	665	< 1	0.78	55	700	2	272	0.06	17	< 10	24			
276054	201	202	300	1	0.13	131	420	6	143	0.04	19	< 10	18			
276055	201	202	590	2	0.80	192	830	22	144	0.28	151	< 10	132			
276056	201	202	585	< 1	0.87	98	850	10	145	0.27	120	< 10	90			
276057	201	202	445	< 1	0.88	164	780	6	106	0.27	115	< 10	72			
276058	201	202	385	< 1	0.89	65	500	6	99	0.28	119	< 10	52			
276059	201	202	550	< 1	1.17	88	820	10	203	0.28	126	< 10	88			
276060	201	202	330	1	0.81	65	470	10	97	0.26	121	< 10	58			
276061	201	202	720	< 1	0.66	133	780	8	95	0.26	140	< 10	78			
276062	201	202	755	< 1	0.75	205	780	14	101	0.30	171	< 10	132			
276063	201	202	560	< 1	0.44	558	840	4	195	0.07	30	< 10	24			
276064	201	202	545	< 1	0.94	363	330	6	177	0.20	93	< 10	66			
276065	201	202	590	< 1	0.59	318	590	2	93	0.23	118	< 10	64			
276066	201	202	530	1	0.81	126	240	6	70	0.32	139	< 10	62			
276067	201	202	700	1	0.88	17	520	2	309	0.08	21	< 10	22			
276068	201	202	2500	1	0.53	71	910	6	157	0.13	69	< 10	122			
276069	201	202	400	1	0.53	55	770	< 2	73	0.30	147	< 10	90			
276070	201	202	565	1	1.16	47	840	< 2	279	0.14	66	< 10	64			
276071	201	202	655	< 1	0.64	82	710	6	104	0.47	203	< 10	98			
276072	201	202	435	1	1.54	22	510	8	273	0.31	118	< 10	80			
276073	201	202	175	< 1	0.76	20	510	2	237	0.06	14	< 10	28			
276074	201	202	1760	3	2.04	13	1150	10	406	0.21	63	< 10	88			
276075	201	202	635	< 1	0.61	185	1080	12	181	0.12	103	< 10	120			
276076	201	202	635	3	1.47	89	750	10	334	0.19	110	< 10	98			
276077	201	202	345	1	1.28	25	310	6	214	0.24	97	< 10	54			
276078	201	202	385	3	0.94	64	790	8	134	0.29	148	< 10	104			
276079	201	202	440	2	1.00	32	360	6	131	0.28	135	< 10	72			
276080	201	202	555	< 1	1.14	71	870	6	217	0.26	109	< 10	76			
276081	201	202	395	< 1	0.85	61	750	4	176	0.21	112	< 10	68			

CERTIFICATION: Ian Pendleton

Chemex Labs Ltd.

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Page Number :3-A
Total Pages :6
Certificate Date: 05-SEP-97
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CERTIFICATE OF ANALYSIS A9739548

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)
276082	201	202	< 10	1.6	4.79	1080	1.5	< 2	1.82	0.5	8	96	89	2.62	1.39	1.14
276083	201	202	< 10	0.4	5.34	750	1.0	< 2	1.95	< 0.5	5	35	58	1.87	1.43	0.73
276084	201	202	< 5	< 0.2	5.69	1110	1.0	2	0.63	0.5	6	83	15	2.69	1.57	0.84
276085	201	202	< 5	< 0.2	2.07	760	< 0.5	< 2	2.11	1.0	12	21	38	1.70	0.49	0.48
276086	201	202	< 5	< 0.2	2.36	710	0.5	< 2	2.64	0.5	7	71	60	1.26	0.53	0.82
276087	201	202	< 5	< 0.2	5.13	1110	1.0	2	1.44	0.5	19	198	24	2.74	1.48	1.72
276088	201	202	< 5	< 0.2	6.16	1070	1.5	< 2	1.27	< 0.5	15	224	30	2.69	1.76	1.56
276089	201	202	< 5	< 0.2	5.61	770	0.5	< 2	2.50	< 0.5	4	11	21	1.19	1.57	0.54
276090	201	202	< 10	1.2	8.23	1620	2.0	2	1.28	< 0.5	10	78	63	2.96	2.47	0.88
276091	201	202	< 5	0.2	7.01	1150	1.0	< 2	1.62	0.5	6	179	35	1.87	2.02	1.00
276092	201	202	< 5	< 0.2	5.59	970	0.5	< 2	1.61	< 0.5	20	328	16	2.77	1.31	2.62
276093	201	202	< 5	< 0.2	3.34	540	0.5	< 2	2.93	0.5	4	21	22	0.96	0.83	0.68
276094	201	202	< 5	< 0.2	3.88	1250	1.0	< 2	3.00	0.5	9	74	31	2.04	1.91	1.34
276095	201	202	< 5	< 0.2	4.62	1180	1.0	< 2	1.69	0.5	8	95	45	2.18	1.27	1.09
276096	201	202	< 5	< 0.2	4.52	700	1.0	< 2	2.18	0.5	11	100	37	2.09	1.07	0.98
276097	201	202	< 5	< 0.2	4.96	820	1.0	< 2	1.87	0.5	27	255	63	2.59	1.27	2.40
276098	201	202	< 5	< 0.2	4.71	830	0.5	< 2	1.93	1.0	11	80	28	1.75	1.27	1.07
276099	201	202	< 5	< 0.2	4.34	1130	0.5	2	1.58	0.5	24	79	29	3.42	1.17	1.05
276100	201	202	< 5	< 0.2	8.26	1250	2.5	< 2	1.07	< 0.5	14	130	36	4.56	3.25	1.50
276101	201	202	< 5	< 0.2	8.76	1170	2.0	6	0.77	< 0.5	15	124	36	4.14	2.95	1.59
276102	201	202	< 5	< 0.2	8.47	1160	2.0	< 2	0.67	< 0.5	20	141	58	4.35	3.24	1.62
276103	201	202	< 5	< 0.2	7.12	1240	1.5	< 2	0.66	< 0.5	17	123	47	3.69	2.27	1.31
276104	201	202	< 5	< 0.2	5.60	1320	1.5	6	1.39	0.5	11	120	42	2.37	1.50	1.10
276105	201	202	< 5	< 0.2	5.12	1110	1.0	2	1.54	0.5	10	114	38	2.42	1.44	1.09
276106	201	202	< 5	< 0.2	5.27	1090	1.5	< 2	1.67	0.5	11	126	45	2.52	1.53	1.19
276107	201	202	< 5	< 0.2	4.00	860	0.5	< 2	3.24	1.0	7	60	76	1.49	0.87	0.81
276108	201	202	< 5	< 0.2	6.38	1140	1.5	< 2	1.18	< 0.5	10	91	26	2.59	1.91	1.09
276109	201	202	< 5	< 0.2	5.59	800	0.5	< 2	2.42	0.5	3	8	27	1.20	1.59	0.45
276110	201	202	< 5	< 0.2	4.42	1190	0.5	< 2	2.22	0.5	9	77	30	1.90	1.17	0.86
276111	201	202	< 5	< 0.2	5.75	1180	1.5	6	1.37	< 0.5	14	141	27	3.12	1.54	1.23
276112	201	202	< 5	< 0.2	6.13	1100	1.0	6	0.80	0.5	6	72	14	2.18	1.68	0.68
276113	201	202	< 5	< 0.2	6.02	1120	1.5	< 2	1.22	< 0.5	11	104	28	3.00	1.58	1.10
276114	201	202	< 5	< 0.2	2.75	660	0.5	< 2	2.59	1.0	7	33	42	1.30	0.66	0.36
276115	201	202	< 5	< 0.2	5.62	1160	1.0	6	0.55	< 0.5	5	73	19	2.46	1.61	0.69
276116	201	202	20	< 0.2	4.94	1190	1.0	< 2	2.38	0.5	9	78	211	2.10	1.22	0.69
276117	201	202	< 5	< 0.2	4.67	430	0.5	< 2	0.68	0.5	7	50	36	2.55	0.59	0.31
276118	201	202	< 5	< 0.2	5.73	880	1.0	< 2	1.86	0.5	3	23	33	1.46	1.41	0.51
276119	201	202	< 5	< 0.2	6.09	1010	1.5	< 2	1.97	0.5	11	36	45	2.24	1.47	0.57
276120	201	202	< 5	< 0.2	6.09	1470	1.5	< 2	1.51	0.5	15	97	67	3.05	1.25	1.15
276121	201	202	< 5	< 0.2	4.67	1020	1.0	< 2	0.68	< 0.5	7	86	17	2.39	1.17	0.79

CERTIFICATION:

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 05-SEP-97
Invoice No. :I9739548
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9739548

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)
276082	201 202	700	3	0.61	101	1320	12	267	0.16	128	< 10	162
276083	201 202	495	1	1.79	65	870	6	428	0.14	43	< 10	52
276084	201 202	305	2	1.10	30	420	8	204	0.30	123	< 10	58
276085	201 202	1840	4	0.64	128	980	< 2	248	0.06	17	< 10	58
276086	201 202	1670	1	0.59	177	990	4	300	0.08	30	< 10	38
276087	201 202	875	< 1	0.95	119	740	6	182	0.22	106	< 10	80
276088	201 202	400	1	1.28	98	320	6	243	0.27	114	< 10	70
276089	201 202	300	1	2.09	17	440	6	542	0.14	25	< 10	34
276090	201 202	780	1	1.75	51	550	16	392	0.19	146	< 10	80
276091	201 202	415	2	2.31	32	530	8	455	0.23	80	< 10	72
276092	201 202	540	1	1.32	135	580	4	234	0.25	102	< 10	112
276093	201 202	650	1	1.11	54	740	2	412	0.09	22	< 10	26
276094	201 202	490	< 1	0.61	45	1360	4	448	0.16	80	< 10	40
276095	201 202	285	< 1	0.55	80	680	10	176	0.18	128	< 10	64
276096	201 202	990	1	1.18	133	760	6	326	0.13	62	< 10	46
276097	201 202	620	1	0.98	331	640	4	228	0.14	92	< 10	80
276098	201 202	750	1	1.02	69	1120	6	235	0.17	78	< 10	80
276099	201 202	3780	2	0.52	59	1030	6	189	0.17	87	< 10	102
276100	201 202	505	< 1	0.72	77	1180	12	107	0.29	133	< 10	110
276101	201 202	510	< 1	0.98	82	680	10	91	0.37	128	< 10	86
276102	201 202	685	< 1	0.75	61	780	12	60	0.40	148	< 10	94
276103	201 202	565	< 1	0.78	63	390	12	87	0.37	138	< 10	86
276104	201 202	515	< 1	0.98	65	950	6	185	0.29	119	< 10	106
276105	201 202	515	< 1	0.77	65	860	6	140	0.23	108	< 10	94
276106	201 202	635	< 1	0.84	66	840	6	154	0.25	111	< 10	94
276107	201 202	840	< 1	0.56	67	1140	< 2	187	0.11	62	< 10	74
276108	201 202	470	< 1	1.60	52	560	8	281	0.26	97	< 10	78
276109	201 202	550	1	2.09	15	770	< 2	429	0.13	23	< 10	44
276110	201 202	845	< 1	0.67	55	1070	4	141	0.17	87	< 10	76
276111	201 202	485	< 1	1.06	69	650	4	145	0.41	144	< 10	76
276112	201 202	325	1	1.42	21	350	6	222	0.29	120	< 10	78
276113	201 202	440	< 1	1.40	49	900	4	191	0.43	136	< 10	74
276114	201 202	1310	< 1	0.56	19	1330	< 2	134	0.10	51	< 10	42
276115	201 202	245	1	0.99	26	350	4	133	0.29	145	< 10	66
276116	201 202	910	1	0.68	46	1780	4	174	0.18	87	< 10	52
276117	201 202	685	3	2.15	16	1240	4	127	0.20	86	< 10	54
276118	201 202	275	1	1.92	23	1220	< 2	408	0.16	38	< 10	40
276119	201 202	2970	3	1.97	32	1590	< 2	429	0.16	46	< 10	46
276120	201 202	1820	1	0.98	58	1390	6	146	0.34	151	< 10	88
276121	201 202	300	< 1	0.86	38	600	4	113	0.31	126	< 10	60

CERTIFICATION:

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Analytical Chemists * Geochemists * Registered Assayers

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To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Total Pages :6
Certificate Date: 05-SEP-97
Invoice No. : I9739548
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9739548

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)
276122	201 202	< 5	< 0.2	5.61	920	0.5	2	0.84	0.5	4	84	19	1.92	1.56	0.52
276123	201 202	< 5	< 0.2	5.49	1070	1.5	< 2	1.88	0.5	9	31	69	2.08	1.21	0.51
276124	201 202	< 5	< 0.2	5.06	1030	1.0	2	0.36	< 0.5	5	72	14	2.56	1.36	0.68
276125	201 202	< 5	< 0.2	5.59	990	1.0	2	1.73	0.5	5	16	26	1.64	1.32	0.47
276126	201 202	< 5	< 0.2	6.63	1030	1.0	< 2	1.40	0.5	5	38	35	1.80	1.77	0.59
276127	201 202	< 5	< 0.2	4.70	850	0.5	< 2	2.28	1.0	8	23	31	1.45	1.17	0.54
276128	201 202	< 5	< 0.2	5.61	980	1.0	< 2	1.88	< 0.5	7	49	31	1.86	1.37	0.75
276129	201 202	< 5	< 0.2	4.89	900	1.0	< 2	2.25	0.5	9	50	34	1.87	1.26	0.76
276130	201 202	< 5	< 0.2	6.17	1040	1.0	< 2	1.24	< 0.5	16	125	34	3.62	1.49	1.39
276131	201 202	< 5	< 0.2	5.62	1040	1.0	< 2	0.79	0.5	16	224	20	3.79	1.48	1.36
276132	201 202	not/as	< 0.2	3.43	910	0.5	< 2	2.25	2.0	6	55	42	1.31	0.85	0.56
276133	201 202	< 5	< 0.2	4.98	1060	1.0	2	2.02	1.5	8	81	42	1.96	1.15	0.87
276134	201 202	< 5	< 0.2	4.08	680	0.5	< 2	2.41	1.0	4	17	32	1.08	0.84	0.43
276135	201 202	< 5	< 0.2	5.21	1060	1.0	6	0.88	0.5	4	85	7	1.88	1.60	0.58
276136	201 202	< 5	< 0.2	6.74	910	1.0	4	1.57	0.5	12	92	19	2.65	1.83	0.92
276137	201 202	< 5	< 0.2	6.60	1050	1.5	< 2	1.46	< 0.5	6	60	23	2.28	1.85	0.78
276138	201 202	< 5	< 0.2	4.83	1240	0.5	< 2	2.04	0.5	11	79	48	1.74	1.19	0.66
276139	201 202	< 5	< 0.2	4.84	1270	1.0	< 2	1.85	1.0	8	97	25	1.96	1.36	1.03
276140	201 202	< 5	< 0.2	6.28	810	1.0	< 2	2.40	< 0.5	5	15	74	1.65	1.43	0.60
276141	201 202	< 5	< 0.2	4.67	1200	1.0	< 2	1.36	1.5	9	115	37	1.91	1.30	0.99
276142	201 202	< 5	< 0.2	4.72	1390	1.5	< 2	1.74	1.5	10	76	49	2.28	1.41	0.74
276143	201 202	< 5	< 0.2	6.12	1810	2.0	2	0.74	1.5	13	114	69	3.48	1.99	1.19
276144	201 202	< 5	< 0.2	5.43	1450	1.0	8	0.62	0.5	6	90	20	2.18	1.56	0.60
276145	201 202	< 5	< 0.2	4.37	1170	1.0	< 2	2.14	2.0	15	52	61	2.61	1.25	0.62
276146	201 202	< 5	< 0.2	5.60	1650	1.5	< 2	0.79	1.0	12	107	53	2.84	1.79	1.10
276147	201 202	< 5	< 0.2	5.45	1190	1.0	< 2	0.67	0.5	8	86	11	2.39	1.58	0.81
276148	201 202	< 5	< 0.2	5.60	2130	1.5	2	0.73	1.0	12	110	89	2.73	1.80	1.07
276149	201 202	< 5	< 0.2	3.05	660	0.5	< 2	3.00	0.5	4	13	34	1.04	0.75	0.40
276150	201 202	< 5	< 0.2	4.64	1350	1.0	< 2	1.65	0.5	9	96	42	2.19	1.38	0.98
276151	201 202	< 5	< 0.2	4.55	1420	1.0	< 2	1.86	1.5	11	93	57	2.21	1.42	1.04
276152	201 202	< 5	< 0.2	4.12	1180	1.0	< 2	1.94	0.5	14	120	55	2.14	1.25	1.44
276153	201 202	< 5	< 0.2	3.48	950	0.5	< 2	2.19	1.5	9	63	39	1.38	0.97	0.68
276154	201 202	< 5	< 0.2	5.53	1480	1.5	< 2	1.13	1.0	14	94	40	2.84	1.71	1.04
276155	201 202	< 5	< 0.2	5.37	1500	1.5	< 2	0.96	0.5	12	101	30	2.95	1.67	1.12
276156	201 202	< 5	< 0.2	4.86	1490	1.5	< 2	1.45	1.5	13	88	44	2.85	1.51	0.99
276157	201 202	< 5	< 0.2	6.02	1710	1.5	< 2	0.82	0.5	16	120	47	3.18	1.90	1.34
276158	201 202	< 5	< 0.2	4.96	1350	1.0	< 2	1.62	0.5	10	77	32	2.26	1.44	0.95
276159	201 202	< 5	< 0.2	5.17	1330	1.0	2	1.12	0.5	8	86	32	2.25	1.58	0.96
276160	201 202	< 5	< 0.2	4.50	1140	1.0	< 2	1.81	0.5	11	76	30	2.45	1.25	0.95
276161	201 202	< 5	< 0.2	5.80	960	1.0	2	2.18	0.5	21	128	66	4.16	0.92	1.99

CERTIFICATION:

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P.O. BOX 49066, THE BENTALL CENTRE
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Project : 6410
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Page .. .ber :4-B
Total Pages :6
Certificate Date: 05-SEP-97
Invoice No. :I9739548
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9739548

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)			
276122	201	202	330	< 1	1.47	20	660	< 2	205	0.37	110	< 10	84			
276123	201	202	730	1	1.55	28	2190	< 1	336	0.18	59	< 10	50			
276124	201	202	260	3	0.75	26	440	< 1	82	0.30	155	< 10	60			
276125	201	202	1115	1	1.96	19	1350	6	433	0.15	41	< 10	44			
276126	201	202	345	1	2.16	21	790	4	423	0.22	72	< 10	64			
276127	201	202	2410	1	1.61	27	1260	4	372	0.15	44	< 10	56			
276128	201	202	675	1	1.58	36	930	4	326	0.22	71	< 10	52			
276129	201	202	650	< 1	1.28	39	1050	< 2	273	0.20	75	< 10	62			
276130	201	202	700	< 1	1.24	59	800	< 2	164	0.51	167	< 10	82			
276131	201	202	860	1	1.21	86	1160	8	172	0.31	159	< 10	108			
276132	201	202	385	< 1	0.55	56	1160	6	147	0.11	66	< 10	86			
276133	201	202	395	< 1	0.95	53	1180	10	190	0.23	106	< 10	100			
276134	201	202	580	1	1.31	38	940	< 2	326	0.11	26	< 10	44			
276135	201	202	300	1	1.15	17	480	6	157	0.34	133	< 10	56			
276136	201	202	575	1	2.16	36	770	< 2	384	0.36	103	< 10	76			
276137	201	202	370	1	2.13	26	570	4	399	0.31	92	< 10	64			
276138	201	202	885	< 1	1.15	65	970	4	242	0.17	83	< 10	90			
276139	201	202	365	< 1	1.07	70	890	4	224	0.21	101	< 10	92			
276140	201	202	425	1	2.39	16	510	< 2	537	0.19	46	< 10	46			
276141	201	202	350	< 1	0.71	73	980	< 2	132	0.23	121	< 10	140			
276142	201	202	535	< 1	0.66	47	990	8	136	0.21	134	< 10	132			
276143	201	202	690	1	0.64	95	1030	14	119	0.30	216	< 10	158			
276144	201	202	515	1	0.79	31	890	8	129	0.28	165	< 10	90			
276145	201	202	1365	1	0.84	66	1040	6	197	0.16	97	< 10	114			
276146	201	202	935	1	0.67	93	910	8	120	0.30	184	< 10	122			
276147	201	202	500	1	0.95	39	620	4	143	0.28	142	< 10	96			
276148	201	202	420	< 1	0.65	91	860	10	115	0.29	202	< 10	154			
276149	201	202	630	< 1	0.95	30	900	< 2	306	0.09	28	< 10	44			
276150	201	202	490	1	0.72	65	910	8	160	0.21	133	< 10	110			
276151	201	202	755	1	0.71	94	1010	12	190	0.20	141	< 10	126			
276152	201	202	680	< 1	0.63	177	850	10	167	0.17	115	< 10	114			
276153	201	202	2360	1	0.66	87	980	4	193	0.12	76	< 10	102			
276154	201	202	795	1	0.77	68	880	12	136	0.25	149	< 10	118			
276155	201	202	635	1	0.75	61	840	10	134	0.27	149	< 10	114			
276156	201	202	680	< 1	0.63	79	890	10	114	0.24	133	< 10	108			
276157	201	202	870	1	0.76	105	960	12	121	0.32	172	< 10	120			
276158	201	202	620	3	0.70	62	910	6	152	0.19	116	< 10	132			
276159	201	202	435	< 1	0.80	54	890	8	146	0.24	133	< 10	108			
276160	201	202	925	< 1	0.74	54	830	6	151	0.24	120	< 10	112			
276161	201	202	875	< 1	1.23	99	750	4	177	0.44	177	< 10	106			

CERTIFICATION: Ian Bucklen

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

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Page Number :5-A
Total Pages :6
Certificate Date: 05-SEP-97
Invoice No. :I9739548
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9739548

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)
276162	201 202	< 5	< 0.2	5.46	930	1.0	< 2	1.95	0.5	36	217	67	4.60	1.23	2.65
276163	201 202	< 5	< 0.2	4.78	1230	1.0	< 2	0.92	0.5	10	98	27	2.43	1.36	0.97
276164	201 202	< 5	< 0.2	5.74	1320	1.5	< 2	1.11	0.5	16	160	45	3.09	1.85	1.94
276165	201 202	< 5	< 0.2	5.58	1190	1.0	< 2	0.74	1.0	20	144	19	3.19	1.60	1.32
276166	201 202	< 5	< 0.2	5.83	1140	1.0	< 2	1.15	1.0	17	98	28	3.16	1.56	1.15
276167	201 202	< 5	< 0.2	3.87	1140	1.0	< 2	2.62	0.5	5	50	71	1.59	1.07	0.69
276168	201 202	< 5	< 0.2	5.27	1540	1.5	< 2	0.69	0.5	10	94	30	2.59	1.73	1.16
276169	201 202	< 5	< 0.2	3.05	600	0.5	< 2	3.81	0.5	3	14	32	0.89	0.76	0.46
276170	201 202	< 5	< 0.2	3.16	790	0.5	< 2	4.09	0.5	3	11	66	0.80	0.76	0.40
276171	201 202	< 5	< 0.2	2.18	580	< 0.5	< 2	3.86	0.5	1	6	20	0.53	0.55	0.37
276172	201 202	145	< 0.2	5.18	1060	0.5	< 2	1.36	1.0	12	78	22	2.62	1.33	0.78
276173	201 202	< 5	< 0.2	2.49	810	0.5	< 2	3.98	1.0	5	33	55	0.95	0.69	0.64
276174	201 202	< 5	< 0.2	6.05	1250	1.0	< 2	1.26	2.0	6	45	22	1.79	1.83	0.66
276175	201 202	< 5	< 0.2	5.93	1700	1.5	< 2	0.75	0.5	14	99	53	3.04	1.86	1.05
276176	201 202	< 5	0.4	5.02	1180	1.5	< 2	2.10	1.5	10	51	83	1.88	1.43	0.68
276177	201 202	< 5	0.4	1.70	400	< 0.5	< 2	3.13	1.0	15	21	37	3.02	0.43	0.42
276178	201 202	< 5	< 0.2	4.54	1030	1.0	< 2	1.84	1.5	10	39	42	1.73	1.26	0.54
276179	201 202	< 5	< 0.2	4.73	1390	1.0	< 2	1.41	1.0	8	83	28	1.92	1.48	0.87
276180	201 202	< 5	< 0.2	4.59	1140	1.0	< 2	1.86	0.5	5	70	35	1.51	1.35	0.78
276181	201 202	< 5	< 0.2	4.61	1320	1.0	< 2	1.36	0.5	10	96	30	2.28	1.41	0.86
276182	201 202	< 5	< 0.2	3.77	1070	0.5	< 2	2.26	1.0	10	57	38	1.99	1.04	0.66
276183	201 202	< 5	< 0.2	3.21	870	0.5	< 2	2.45	0.5	4	27	28	1.04	0.86	0.49
276184	201 202	< 5	< 0.2	5.35	1660	1.5	4	0.76	1.0	14	133	40	2.93	1.67	1.28
276185	201 202	< 5	< 0.2	5.77	1680	1.5	< 2	0.71	1.0	12	101	47	2.99	1.81	1.07
276186	201 202	< 5	< 0.2	5.99	1690	1.5	10	0.83	0.5	13	93	45	2.82	1.89	1.09
276187	201 202	< 5	< 0.2	6.51	1840	2.0	2	0.63	0.5	17	119	55	3.64	1.90	1.39
276188	201 202	< 5	< 0.2	5.08	1710	1.5	2	1.21	2.0	8	85	48	2.14	1.47	0.91
276189	201 202	< 5	< 0.2	6.11	1660	1.5	< 2	1.05	1.0	10	101	43	2.42	1.79	0.99
276190	201 202	< 5	< 0.2	4.88	1400	1.5	< 2	1.27	1.0	11	94	46	2.28	1.48	0.96
276191	201 202	< 5	< 0.2	6.86	1980	2.0	8	0.93	1.5	13	122	69	3.23	1.81	1.23
276192	201 202	< 5	< 0.2	5.73	1100	1.0	2	0.80	< 0.5	11	120	21	2.95	1.58	1.16
276193	201 202	< 5	< 0.2	5.23	630	0.5	4	1.42	0.5	10	85	25	3.64	0.95	0.99
276194	201 202	< 5	< 0.2	6.67	990	1.0	16	2.32	0.5	20	101	61	3.96	1.48	1.69
276195	201 202	< 5	< 0.2	5.73	940	0.5	< 2	1.21	0.5	17	122	14	3.23	1.18	1.23
276196	201 202	< 5	< 0.2	4.98	1100	1.0	< 2	1.37	0.5	16	143	32	2.85	1.43	1.79
276197	201 202	< 5	< 0.2	6.24	1290	1.5	< 2	1.04	0.5	32	331	60	4.24	1.68	4.54
276198	201 202	< 5	< 0.2	4.92	1030	1.0	2	2.33	0.5	10	42	44	1.89	1.16	0.77
276199	201 202	< 5	< 0.2	6.35	890	1.5	2	2.02	0.5	20	31	363	2.63	1.28	0.56
276200	201 202	< 5	< 0.2	5.06	1250	1.5	< 2	1.43	0.5	14	123	173	2.64	1.22	1.49
276201	201 202	< 5	< 0.2	6.05	820	0.5	8	1.22	< 0.5	8	76	26	2.59	1.50	0.81

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Page Number :5-B
Total Pages :6
Certificate Date: 05-SEP-97
Invoice No. :I9739548
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9739548

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)			
276162	201	202	1090	< 1	0.97	154	710	4	120	0.42	189	< 10	118			
276163	201	202	365	< 1	0.81	56	600	4	132	0.28	128	< 10	70			
276164	201	202	450	< 1	0.79	135	860	10	130	0.32	149	< 10	110			
276165	201	202	935	< 1	0.90	74	660	10	141	0.30	134	< 10	92			
276166	201	202	825	< 1	1.30	74	710	10	244	0.27	120	< 10	82			
276167	201	202	335	< 1	0.59	75	1030	8	191	0.11	65	< 10	68			
276168	201	202	425	2	0.58	64	610	10	93	0.29	192	< 10	116			
276169	201	202	225	< 1	0.86	32	880	2	326	0.09	30	< 10	56			
276170	201	202	415	< 1	0.93	27	930	4	340	0.08	20	< 10	32			
276171	201	202	300	< 1	0.71	12	830	< 2	270	0.06	13	< 10	54			
276172	201	202	470	1	1.10	34	440	8	214	0.23	110	< 10	92			
276173	201	202	640	< 1	0.52	34	1020	6	234	0.08	41	< 10	60			
276174	201	202	335	1	1.58	23	420	4	315	0.23	91	< 10	70			
276175	201	202	590	1	0.65	63	460	12	114	0.29	148	< 10	100			
276176	201	202	1140	1	1.11	73	1000	8	279	0.14	84	< 10	62			
276177	201	202	6430	2	0.32	41	940	< 2	173	0.05	33	< 10	102			
276178	201	202	370	3	1.10	50	970	6	260	0.15	76	< 10	116			
276179	201	202	260	< 1	0.71	47	980	8	147	0.25	137	< 10	114			
276180	201	202	320	< 1	0.85	46	910	6	195	0.19	102	< 10	92			
276181	201	202	575	< 1	0.64	52	960	10	136	0.24	141	< 10	96			
276182	201	202	1345	1	0.68	53	1170	6	216	0.16	90	< 10	108			
276183	201	202	905	1	0.74	33	810	4	248	0.10	50	< 10	66			
276184	201	202	500	1	0.66	92	1120	10	115	0.29	191	< 10	140			
276185	201	202	550	< 1	0.73	78	1000	10	114	0.30	176	< 10	124			
276186	201	202	555	< 1	0.78	62	970	14	136	0.32	170	< 10	122			
276187	201	202	635	1	0.67	106	900	12	104	0.33	179	< 10	136			
276188	201	202	850	2	0.53	48	1020	6	112	0.23	136	< 10	184			
276189	201	202	430	< 1	0.87	72	890	24	166	0.27	163	< 10	136			
276190	201	202	470	< 1	0.73	87	890	14	141	0.24	136	< 10	116			
276191	201	202	585	2	0.63	100	960	14	114	0.31	224	< 10	180			
276192	201	202	445	1	0.92	63	320	6	136	0.35	154	< 10	74			
276193	201	202	635	< 1	1.11	29	280	4	154	0.52	179	< 10	64			
276194	201	202	825	< 1	1.46	58	760	4	248	0.45	182	< 10	116			
276195	201	202	605	1	1.08	45	300	6	146	0.43	165	< 10	92			
276196	201	202	630	1	0.83	106	890	6	129	0.33	138	< 10	90			
276197	201	202	690	< 1	0.73	446	750	8	109	0.37	171	< 10	122			
276198	201	202	3320	1	1.20	96	840	4	304	0.16	69	< 10	76			
276199	201	202	810	1	1.79	64	850	4	408	0.14	63	< 10	138			
276200	201	202	440	1	0.65	116	780	10	122	0.28	165	< 10	120			
276201	201	202	335	1	1.42	23	250	6	274	0.34	133	< 10	54			

CERTIFICATION:

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 05-SEP-97
Invoice No. :I9739548
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9739548

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)
276202	201	202	< 5	< 0.2	5.50	1420	1.5	2	0.83	0.5	12	113	39	2.66	1.81	1.24
276203	201	202	< 5	< 0.2	7.42	1390	1.5	< 2	2.09	0.5	6	34	39	1.96	2.10	0.62
276204	201	202	< 5	< 0.2	3.69	630	0.5	< 2	3.76	0.5	3	9	29	0.88	1.00	0.33
276205	201	202	< 5	< 0.2	4.52	880	0.5	< 2	3.25	0.5	4	18	25	1.12	1.20	0.46
276206	201	202	< 5	< 0.2	5.11	1680	1.5	< 2	1.32	1.0	12	78	36	2.36	1.53	0.93
276207	201	202	< 5	< 0.2	6.55	1430	0.5	< 2	1.06	0.5	7	62	16	2.59	1.35	0.62
276208	201	202	< 5	< 0.2	4.72	1180	1.0	< 2	3.08	0.5	4	36	38	1.27	1.38	0.58
276209	201	202	< 5	< 0.2	4.97	1140	1.0	< 2	2.47	0.5	7	55	42	1.89	1.64	0.73
276210	201	202	< 5	< 0.2	3.47	940	0.5	< 2	3.03	0.5	4	23	53	1.09	0.88	0.50
276211	201	202	< 5	< 0.2	6.10	930	1.0	< 2	0.93	0.5	10	81	20	2.22	1.94	0.96
276212	201	202	< 5	< 0.2	5.42	1500	1.5	< 2	1.15	1.0	13	125	59	2.90	1.67	1.43
276213	201	202	< 5	< 0.2	5.76	1710	1.5	2	1.06	0.5	17	112	49	3.11	1.91	1.32

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 05-SEP-97
Invoice No. : I9739548
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9739548

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)			
276202	201	202	430	1	0.66	94	800	12	125	0.28	173	< 10	112			
276203	201	202	445	3	1.98	35	500	8	461	0.17	75	< 10	82			
276204	201	202	350	< 1	1.14	10	790	4	387	0.09	22	< 10	44			
276205	201	202	270	1	1.21	20	550	< 2	329	0.12	39	< 10	60			
276206	201	202	1085	1	0.50	57	680	12	117	0.21	160	< 10	112			
276207	201	202	485	< 1	0.82	21	250	16	192	0.34	132	< 10	124			
276208	201	202	355	< 1	0.80	26	640	4	253	0.13	68	< 10	66			
276209	201	202	520	< 1	0.75	41	750	8	202	0.20	91	< 10	98			
276210	201	202	455	1	0.84	28	860	4	272	0.09	41	< 10	62			
276211	201	202	590	1	1.08	23	310	10	198	0.28	124	< 10	146			
276212	201	202	485	< 1	0.66	77	830	12	124	0.28	163	< 10	114			
276213	201	202	705	3	0.82	67	810	12	182	0.28	148	< 10	104			

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

A9739549

Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

CERTIFICATE A9739549

(GP W) - WESTMIN RESOURCES LTD.

Project: 6410
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 5-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	98	Dry, sieve to -80 mesh
202	98	save reject
285	98	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	98	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	98	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	98	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	98	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	98	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	98	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	98	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	98	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	98	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	98	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	98	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	98	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	98	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	98	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	98	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	98	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	98	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	98	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	98	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	98	Pb ppm: 24 element, rock & core	AAS	2	10000
582	98	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	98	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	98	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	98	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	98	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

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Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Page Number : 1-A
Total Pages : 3
Certificate Date: 05-SEP-97
Invoice No. : I9739549
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9739549

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)
273501	201	202	< 5	< 0.2	6.91	570	0.5	< 2	3.12	< 0.5	18	143	35	4.66	1.15	1.95
273502	201	202	< 5	< 0.2	7.14	500	0.5	< 2	3.79	< 0.5	19	145	30	4.64	1.10	1.87
273503	201	202	< 5	< 0.2	6.84	580	0.5	2	2.97	< 0.5	24	143	49	4.62	1.19	2.11
273504	201	202	< 5	< 0.2	5.80	770	0.5	2	1.56	< 0.5	18	110	59	3.25	1.22	1.73
273505	201	202	< 5	< 0.2	5.10	700	0.5	2	1.53	< 0.5	8	91	25	2.95	1.01	0.83
273506	201	202	< 5	< 0.2	6.80	560	0.5	< 2	2.88	< 0.5	18	137	29	4.50	1.12	1.95
273507	201	202	< 5	< 0.2	7.19	690	0.5	< 2	3.09	< 0.5	25	150	59	4.68	1.25	2.19
273508	201	202	< 5	< 0.2	6.53	700	1.0	< 2	2.44	< 0.5	16	105	46	3.77	1.22	1.45
273509	201	202	< 5	< 0.2	5.73	810	1.5	2	0.59	< 0.5	8	77	73	2.92	0.85	0.84
273510	201	202	< 5	< 0.2	6.25	780	1.0	< 2	1.42	< 0.5	6	47	18	2.22	1.57	0.66
273511	201	202	< 5	< 0.2	6.50	1610	1.5	< 2	1.11	< 0.5	11	76	85	3.67	1.63	1.30
273512	201	202	< 5	< 0.2	6.76	1150	1.0	< 2	1.68	< 0.5	21	97	45	4.41	1.33	1.71
273513	201	202	< 5	< 0.2	7.22	1020	1.5	< 2	2.17	< 0.5	23	144	72	5.11	1.31	1.88
273514	201	202	< 5	< 0.2	7.28	970	1.0	2	1.94	< 0.5	20	93	47	4.20	1.41	1.69
273515	201	202	< 5	< 0.2	6.58	740	1.0	< 2	1.80	< 0.5	4	13	21	1.69	1.69	0.57
273516	201	202	< 5	< 0.2	5.98	870	1.0	< 2	1.75	< 0.5	12	77	35	2.82	1.31	1.14
273517	201	202	< 5	< 0.2	6.79	920	1.0	2	2.73	< 0.5	16	98	27	4.50	1.20	1.64
273518	201	202	< 5	< 0.2	6.18	740	0.5	< 2	1.40	< 0.5	3	15	17	1.46	1.65	0.50
273519	201	202	< 5	< 0.2	5.54	1090	0.5	< 2	0.81	< 0.5	6	78	12	2.64	1.32	0.92
273520	201	202	< 5	< 0.2	6.03	1280	1.0	< 2	0.76	< 0.5	15	101	34	3.75	1.40	1.31
273521	201	202	< 5	< 0.2	7.59	1650	2.0	< 2	0.79	< 0.5	16	102	73	3.91	1.43	1.04
273522	201	202	< 5	< 0.2	6.96	740	1.0	2	1.93	< 0.5	4	16	19	1.93	1.75	0.79
273523	201	202	< 5	< 0.2	6.01	1730	1.5	2	0.64	< 0.5	9	73	25	2.41	1.70	0.92
273524	201	202	< 5	< 0.2	7.00	870	1.0	2	1.58	< 0.5	4	15	21	1.69	1.92	0.58
273525	201	202	< 5	< 0.2	6.79	1840	1.5	2	0.49	< 0.5	12	79	32	2.88	1.53	1.04
273526	201	202	< 5	< 0.2	5.36	1290	1.5	< 2	0.74	< 0.5	8	59	21	2.22	1.46	0.69
273527	201	202	< 5	< 0.2	7.17	860	1.0	< 2	1.61	< 0.5	3	7	17	1.49	1.86	0.50
273528	201	202	10	< 0.2	4.81	1560	1.5	2	0.77	< 0.5	9	79	28	2.40	1.39	0.69
273529	201	202	< 5	< 0.2	6.11	1990	1.5	2	0.85	< 0.5	4	51	28	1.86	1.72	0.49
273530	201	202	< 5	< 0.2	7.06	1180	1.0	< 2	1.45	< 0.5	3	22	19	1.66	2.09	0.51
273531	201	202	< 5	2.0	5.41	960	1.0	< 2	0.71	< 0.5	9	110	71	3.16	0.78	0.65
273532	201	202	< 5	< 0.2	5.85	2130	1.5	2	0.87	0.5	4	60	39	2.19	1.67	0.50
273533	201	202	< 5	< 0.2	6.55	1380	1.0	< 2	1.24	< 0.5	3	26	29	1.44	1.51	0.48
273534	201	202	< 5	< 0.2	5.31	2210	1.5	< 2	0.63	< 0.5	6	78	32	2.46	1.53	0.79
273535	201	202	< 5	< 0.2	5.79	2660	1.5	2	0.56	< 0.5	12	74	53	2.78	1.50	0.94
273536	201	202	< 5	< 0.2	5.87	3480	1.5	< 2	0.55	0.5	23	97	73	3.33	1.73	0.83
273537	201	202	< 5	< 0.2	6.78	910	1.0	< 2	1.55	< 0.5	4	14	20	1.55	1.83	0.52
273538	201	202	15	< 0.2	7.80	1910	1.5	< 2	0.87	< 0.5	22	99	45	5.14	1.32	3.01
273539	201	202	< 5	< 0.2	6.15	1330	1.0	2	1.06	< 0.5	14	152	36	4.28	1.15	2.26
273540	201	202	< 5	< 0.2	7.07	1860	1.5	2	1.00	< 0.5	13	126	57	3.91	1.86	1.52

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 05-SEP-97
Invoice No. :I9739549
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9739549

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)			
273501	201	202	755	< 1	1.32	42	570	4	190	0.58	196	< 10	62			
273502	201	202	670	< 1	1.51	39	430	2	199	0.57	200	< 10	54			
273503	201	202	1020	< 1	1.47	43	560	4	159	0.55	191	< 10	62			
273504	201	202	680	< 1	1.08	41	1090	4	98	0.35	128	< 10	70			
273505	201	202	465	< 1	1.03	22	1320	10	116	0.40	144	< 10	52			
273506	201	202	655	< 1	1.49	37	560	< 2	168	0.58	193	< 10	60			
273507	201	202	980	< 1	1.53	50	630	4	173	0.56	194	< 10	70			
273508	201	202	630	< 1	1.51	32	720	6	226	0.44	167	< 10	70			
273509	201	202	510	< 1	0.68	34	3300	10	82	0.28	121	< 10	84			
273510	201	202	615	< 1	1.78	11	1470	6	319	0.35	106	< 10	44			
273511	201	202	1265	< 1	1.05	36	770	12	126	0.44	150	< 10	80			
273512	201	202	1125	< 1	1.48	45	790	4	163	0.54	172	< 10	80			
273513	201	202	1060	< 1	1.37	65	880	4	226	0.50	207	< 10	82			
273514	201	202	920	< 1	1.69	44	710	4	167	0.53	184	< 10	76			
273515	201	202	370	< 1	2.28	5	840	6	452	0.21	44	< 10	44			
273516	201	202	565	< 1	1.63	39	1220	4	217	0.36	117	< 10	62			
273517	201	202	815	< 1	1.85	46	1270	< 2	224	0.88	203	< 10	66			
273518	201	202	275	< 1	2.16	4	650	8	398	0.18	45	< 10	44			
273519	201	202	320	< 1	1.16	21	240	8	128	0.40	155	< 10	54			
273520	201	202	620	< 1	1.13	41	490	10	110	0.38	142	< 10	80			
273521	201	202	1295	7	0.86	63	1650	20	138	0.24	137	< 10	132			
273522	201	202	355	< 1	2.47	6	1320	8	518	0.22	57	< 10	46			
273523	201	202	525	< 1	1.32	28	500	16	102	0.30	110	< 10	70			
273524	201	202	350	< 1	2.48	6	800	8	459	0.19	44	< 10	48			
273525	201	202	765	< 1	1.58	36	400	14	93	0.32	116	< 10	78			
273526	201	202	530	< 1	1.52	26	560	14	119	0.30	89	< 10	64			
273527	201	202	355	< 1	2.68	1	610	6	493	0.18	32	< 10	46			
273528	201	202	630	< 1	1.07	33	490	8	106	0.33	98	< 10	64			
273529	201	202	440	< 1	1.45	15	760	6	222	0.33	101	< 10	54			
273530	201	202	345	< 1	2.46	8	730	6	429	0.21	50	< 10	52			
273531	201	202	210	1	0.31	83	1730	12	75	0.19	102	< 10	98			
273532	201	202	340	< 1	1.46	19	1400	6	224	0.31	106	< 10	66			
273533	201	202	280	< 1	2.14	8	1280	4	378	0.19	50	< 10	44			
273534	201	202	380	< 1	0.95	32	620	8	111	0.32	125	< 10	76			
273535	201	202	1100	< 1	1.04	30	540	10	107	0.37	128	< 10	74			
273536	201	202	920	2	0.81	47	930	14	98	0.37	156	< 10	96			
273537	201	202	350	1	2.37	5	1720	4	452	0.18	40	< 10	46			
273538	201	202	1125	< 1	1.68	55	1010	< 2	103	0.78	211	< 10	84			
273539	201	202	1045	< 1	1.32	50	800	6	109	0.64	169	< 10	72			
273540	201	202	660	< 1	1.09	58	910	8	105	0.53	165	< 10	96			

CERTIFICATION: Stuart Bridden

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Page Number :2-A
Total Pages :3
Certificate Date: 05-SEP-97
Invoice No. : I9739549
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9739549

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)
273541	201 202	< 5	< 0.2	5.28	1500	1.5	< 2	1.05	< 0.5	8	75	30	3.39	1.57	0.85
273542	201 202	< 5	< 0.2	5.26	1360	1.5	2	0.93	< 0.5	5	70	16	3.06	1.38	0.66
273543	201 202	< 5	< 0.2	6.45	1370	1.5	< 2	1.14	0.5	9	60	27	2.88	1.79	0.87
273544	201 202	< 5	< 0.2	7.02	1760	1.5	2	0.63	< 0.5	3	75	15	2.26	2.34	0.63
273545	201 202	< 5	< 0.2	6.20	1600	1.5	2	0.94	< 0.5	3	58	13	2.04	1.75	0.58
273546	201 202	< 5	< 0.2	6.91	1480	1.5	2	0.91	< 0.5	1	52	12	1.55	1.60	0.52
273547	201 202	< 5	< 0.2	7.15	2300	2.0	2	0.77	0.5	6	93	22	2.89	1.84	1.01
273548	201 202	< 5	< 0.2	7.25	1970	2.0	< 2	0.62	< 0.5	4	78	13	2.63	1.85	0.80
273549	201 202	< 5	< 0.2	7.00	910	1.5	< 2	1.51	< 0.5	5	87	33	2.03	1.83	0.80
273550	201 202	< 5	< 0.2	7.38	750	1.0	< 2	0.99	< 0.5	31	146	75	3.85	1.58	1.15
273551	201 202	< 5	< 0.2	5.84	590	0.5	4	1.41	< 0.5	18	302	29	4.57	1.24	1.61
273552	201 202	< 5	< 0.2	7.66	840	1.0	< 2	1.77	< 0.5	4	11	23	1.69	1.64	0.55
273553	201 202	< 5	< 0.2	6.33	1320	1.0	< 2	1.29	< 0.5	5	41	25	2.27	1.77	0.73
273554	201 202	< 5	< 0.2	6.02	1870	1.5	2	1.49	< 0.5	10	87	45	3.80	1.31	1.10
273555	201 202	< 5	< 0.2	5.42	820	0.5	< 2	2.22	< 0.5	5	14	44	1.49	1.32	0.50
273556	201 202	< 5	< 0.2	6.35	1500	1.0	2	0.97	0.5	10	75	31	3.93	1.53	0.74
273557	201 202	< 5	< 0.2	4.66	1350	0.5	< 2	1.00	0.5	6	35	23	1.78	1.33	0.54
273558	201 202	< 5	< 0.2	6.77	1030	1.0	< 2	1.70	< 0.5	7	25	26	2.37	1.71	0.77
273559	201 202	< 5	< 0.2	3.58	710	0.5	2	2.28	< 0.5	6	28	75	1.62	0.60	0.57
273560	201 202	< 5	< 0.2	5.54	1880	1.5	2	0.98	< 0.5	11	83	34	3.93	1.48	0.89
273561	201 202	< 5	< 0.2	4.73	860	0.5	< 2	2.72	< 0.5	5	20	34	1.43	1.27	0.69
273562	201 202	< 5	< 0.2	7.17	1390	1.5	2	1.21	< 0.5	7	81	25	2.02	1.96	0.81
273563	201 202	< 5	< 0.2	6.57	1160	0.5	2	0.89	< 0.5	14	95	22	3.76	1.31	0.85
273564	201 202	< 5	< 0.2	7.21	990	0.5	< 2	1.63	< 0.5	19	235	45	3.44	1.50	1.40
273565	201 202	< 5	< 0.2	7.33	1100	1.0	2	1.49	< 0.5	8	84	26	2.21	1.78	1.04
273566	201 202	< 5	< 0.2	3.22	390	0.5	< 2	2.11	< 0.5	27	1140	108	2.89	0.59	6.02
273567	201 202	< 5	< 0.2	3.41	380	0.5	< 2	0.91	< 0.5	103	1030	73	5.19	0.53	6.49
273568	201 202	< 5	< 0.2	1.78	360	< 0.5	< 2	4.04	< 0.5	4	22	29	0.60	0.46	0.74
273569	201 202	< 5	< 0.2	2.48	550	0.5	< 2	3.09	< 0.5	5	59	47	1.05	0.65	1.18
273570	201 202	< 5	< 0.2	3.54	830	0.5	2	2.11	0.5	8	113	67	1.64	0.94	1.02
273571	201 202	< 5	< 0.2	5.21	1120	1.0	< 2	0.86	< 0.5	9	166	14	2.79	1.44	1.14
273572	201 202	< 5	< 0.2	5.70	940	2.0	2	1.23	< 0.5	4	94	9	1.91	1.65	0.72
273573	201 202	< 5	< 0.2	5.67	1040	1.0	< 2	2.17	< 0.5	3	35	24	1.46	1.68	0.50
273574	201 202	< 5	< 0.2	3.97	1330	1.0	2	2.50	1.0	14	236	54	2.10	1.12	1.91
273575	201 202	< 5	< 0.2	5.77	840	1.0	< 2	1.15	< 0.5	6	179	16	2.28	1.57	0.74
273576	201 202	< 5	< 0.2	4.42	660	0.5	2	0.73	0.5	5	95	11	1.49	1.17	0.49
273578	201 202	< 5	< 0.2	3.30	890	0.5	< 2	2.33	0.5	5	104	43	1.55	0.80	1.06
273580	201 202	< 5	< 0.2	4.97	960	0.5	2	1.84	< 0.5	34	491	33	3.10	1.04	4.45
273581	201 202	< 5	< 0.2	2.28	200	< 0.5	< 2	1.08	< 0.5	84	1425	53	4.20	0.28	14.55
273582	201 202	< 5	< 0.2	3.59	580	0.5	< 2	2.36	< 0.5	3	17	34	0.97	0.98	0.62

CERTIFICATION:

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 05-SEP-97
Invoice No. : I9739549
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9739549

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)			
273541	201	202	435	1	0.98	36	1840	16	122	0.32	155	< 10	126			
273542	201	202	350	< 1	0.85	22	600	14	108	0.35	171	< 10	88			
273543	201	202	685	< 1	1.70	22	1540	12	203	0.35	137	< 10	98			
273544	201	202	250	1	1.03	16	850	20	134	0.43	195	< 10	90			
273545	201	202	250	< 1	1.44	11	920	12	183	0.37	152	< 10	64			
273546	201	202	235	< 1	1.57	7	770	12	215	0.36	137	< 10	72			
273547	201	202	320	1	0.97	25	1300	16	126	0.33	213	< 10	146			
273548	201	202	320	< 1	1.07	21	480	16	132	0.38	174	< 10	100			
273549	201	202	395	< 1	2.13	38	480	6	371	0.35	89	< 10	46			
273550	201	202	1065	< 1	1.63	75	860	4	273	0.29	143	< 10	78			
273551	201	202	700	< 1	1.55	112	1610	< 2	247	0.41	141	< 10	70			
273552	201	202	390	< 1	2.83	5	630	6	530	0.19	37	< 10	48			
273553	201	202	415	< 1	1.88	17	720	12	321	0.29	78	< 10	64			
273554	201	202	830	< 1	1.14	34	2360	6	147	0.51	161	< 10	96			
273555	201	202	420	< 1	1.75	8	1210	< 2	393	0.16	39	< 10	40			
273556	201	202	1275	< 1	1.49	20	1790	6	237	0.41	137	< 10	94			
273557	201	202	1480	< 1	1.32	16	1920	8	213	0.25	79	< 10	62			
273558	201	202	535	< 1	2.27	11	880	6	407	0.32	82	< 10	52			
273559	201	202	610	< 1	0.70	23	2230	4	183	0.14	52	< 10	58			
273560	201	202	1380	< 1	1.00	27	2340	10	131	0.46	155	< 10	122			
273561	201	202	280	< 1	1.43	26	730	6	337	0.15	51	< 10	56			
273562	201	202	485	< 1	1.68	24	410	6	283	0.32	129	< 10	68			
273563	201	202	700	< 1	1.38	44	310	4	190	0.58	174	< 10	116			
273564	201	202	780	< 1	1.62	84	650	< 2	301	0.44	127	< 10	94			
273565	201	202	375	< 1	2.12	52	260	< 2	373	0.26	94	< 10	64			
273566	201	202	280	< 1	0.69	1120	570	< 2	210	0.11	54	< 10	34			
273567	201	202	1640	< 1	0.60	1520	1690	< 2	132	0.12	81	< 10	88			
273568	201	202	235	< 1	0.57	171	600	< 2	247	0.05	18	< 10	40			
273569	201	202	260	< 1	0.56	125	860	< 2	223	0.11	48	< 10	76			
273570	201	202	1150	< 1	0.77	284	900	4	173	0.16	72	< 10	58			
273571	201	202	415	< 1	1.07	63	560	12	126	0.31	147	< 10	70			
273572	201	202	315	< 1	1.63	25	520	8	186	0.37	108	< 10	48			
273573	201	202	535	< 1	2.09	69	690	6	404	0.14	28	< 10	44			
273574	201	202	510	< 1	0.39	248	660	8	118	0.11	107	< 10	144			
273575	201	202	385	< 1	1.76	33	900	6	277	0.31	103	< 10	76			
273576	201	202	265	< 1	1.14	19	330	6	141	0.27	72	< 10	68			
273578	201	202	360	< 1	0.21	95	780	6	127	0.10	83	< 10	72			
273580	201	202	585	< 1	1.07	373	560	6	175	0.25	118	< 10	64			
273581	201	202	640	< 1	0.43	1525	200	< 2	65	0.06	51	< 10	40			
273582	201	202	195	< 1	1.32	109	450	4	323	0.10	20	< 10	26			

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9739549

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)
273583	201	202	< 5	< 0.2	5.49	1090	0.5	< 2	1.11	< 0.5	9	196	24	2.42	1.27	1.58
273584	201	202	< 5	< 0.2	5.78	1460	1.0	2	1.04	0.5	20	265	57	3.13	1.24	2.25
273585	201	202	< 5	< 0.2	6.10	750	1.0	< 2	2.25	< 0.5	4	9	21	1.26	1.72	0.59
273586	201	202	< 5	< 0.2	2.25	470	< 0.5	< 2	2.64	< 0.5	3	35	75	0.71	0.53	0.62
273587	201	202	< 5	< 0.2	2.38	480	< 0.5	< 2	2.43	< 0.5	11	80	109	0.90	0.57	0.83
273588	201	202	< 5	< 0.2	2.41	680	0.5	2	2.72	0.5	7	99	94	1.65	0.56	0.88
273589	201	202	< 5	< 0.2	4.51	1360	1.0	< 2	1.55	< 0.5	19	287	36	2.65	1.12	2.49
273590	201	202	< 5	< 0.2	5.14	1170	0.5	2	1.26	< 0.5	23	306	36	3.41	1.06	2.16
273591	201	202	< 5	< 0.2	5.66	1010	1.0	2	1.84	0.5	12	153	39	2.06	1.28	1.76
273592	201	202	< 5	< 0.2	5.59	1660	1.5	< 2	0.95	1.0	9	143	53	2.28	1.41	1.09
273593	201	202	< 5	< 0.2	4.60	1080	0.5	< 2	0.63	0.5	5	108	8	2.18	1.29	0.80
273594	201	202	< 5	< 0.2	5.94	860	0.5	< 2	0.77	< 0.5	7	95	17	3.08	1.35	0.81
273595	201	202	< 5	< 0.2	5.29	940	0.5	< 2	1.24	< 0.5	9	193	14	2.56	1.24	1.14
273596	201	202	< 5	< 0.2	6.91	890	1.0	2	1.60	< 0.5	3	35	50	1.45	1.91	0.52
273597	201	202	< 5	< 0.2	4.51	790	0.5	< 2	3.27	0.5	4	19	34	1.09	1.24	0.44
273598	201	202	< 5	< 0.2	2.70	500	0.5	< 2	2.96	< 0.5	1	11	26	0.72	0.70	0.39
273599	201	202	< 5	< 0.2	4.89	820	0.5	< 2	0.37	< 0.5	6	81	12	2.49	1.16	0.72
273600	201	202	< 5	< 0.2	8.11	1200	1.5	< 2	1.71	< 0.5	7	49	38	2.20	2.12	0.73

CERTIFICATION:

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 05-SEP-97
Invoice No. : I9739549
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9739549

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)
273583	201 202	315	< 1	1.15	94	320	8	170	0.26	115	< 10	48
273584	201 202	480	< 1	0.79	221	360	8	104	0.26	161	< 10	70
273585	201 202	325	< 1	2.30	24	670	4	456	0.16	27	< 10	40
273586	201 202	135	< 1	0.71	120	880	6	216	0.07	17	< 10	24
273587	201 202	520	< 1	0.64	278	450	4	192	0.07	29	< 10	24
273588	201 202	1520	< 1	0.43	147	770	< 2	160	0.09	52	< 10	50
273589	201 202	645	< 1	0.56	203	780	6	79	0.22	134	< 10	76
273590	201 202	630	< 1	0.89	171	330	6	106	0.31	141	< 10	70
273591	201 202	415	< 1	1.53	197	500	4	308	0.16	67	< 10	64
273592	201 202	365	< 1	0.96	92	1030	6	181	0.17	128	< 10	74
273593	201 202	330	< 1	0.89	31	450	8	103	0.32	128	< 10	52
273594	201 202	345	< 1	1.12	23	220	8	166	0.34	141	< 10	54
273595	201 202	385	< 1	1.00	37	150	8	120	0.40	146	< 10	76
273596	201 202	290	< 1	2.32	10	320	8	401	0.22	58	< 10	52
273597	201 202	485	< 1	1.57	36	820	4	312	0.12	28	< 10	34
273598	201 202	155	< 1	0.89	23	650	< 2	220	0.08	18	< 10	20
273599	201 202	185	< 1	0.59	28	190	4	50	0.23	128	< 10	58
273600	201 202	445	< 1	2.45	43	280	4	447	0.21	68	< 10	58

CERTIFICATION:

Chemex Labs Ltd.

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212 Brooksbank Ave., North Vancouver
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To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

A9740036

Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

CERTIFICATE A9740036

(GP W) - WESTMIN RESOURCES LTD.

Project: 6410
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 5-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	47	Dry, sieve to -80 mesh
202	47	save reject
285	47	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	47	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	47	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	47	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	47	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	47	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	47	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	47	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	47	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	47	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	47	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	47	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	47	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	47	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	47	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	47	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	47	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	47	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	47	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	47	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	47	Pb ppm: 24 element, rock & core	AAS	2	10000
582	47	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	47	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	47	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	47	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	47	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

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To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Page Number :1-A
Total Pages :2
Certificate Date: 05-SEP-97
Invoice No. :19740036
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9740036

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)
J10100E 11050N	201	202	< 5	< 0.2	5.36	1840	1.5	< 2	1.62	1.0	15	88	44	3.39	1.68	1.14
J10100E 11100N	201	202	< 5	< 0.2	4.63	990	1.0	< 2	1.66	1.5	14	102	28	3.09	1.30	1.26
J10100E 11150N	201	202	< 5	< 0.2	5.07	1150	1.5	< 2	1.95	0.5	10	83	36	2.66	1.50	1.19
J10100E 11200N	201	202	< 5	< 0.2	5.30	1150	1.5	2	1.82	1.0	11	78	36	2.68	1.59	1.13
J10100E 11250N	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
J10100E 11300N	201	202	< 5	0.6	5.92	1610	2.0	< 2	1.53	1.5	17	84	93	4.51	1.59	1.13
J10100E 11350N	201	202	< 5	0.2	6.45	1110	1.5	< 2	1.94	0.5	7	42	33	2.38	1.86	0.80
J10100E 11400N	201	202	< 5	< 0.2	5.87	1400	1.5	< 2	1.19	0.5	16	100	50	3.44	1.80	1.07
J10100E 11450N	201	202	< 5	0.2	5.23	1330	1.5	< 2	1.16	0.5	11	98	34	3.13	1.57	1.04
J10100E 11500N	201	202	< 5	< 0.2	5.99	1550	1.5	< 2	1.04	0.5	14	97	42	3.45	1.96	1.01
J10100E 11550N	201	202	< 5	0.6	5.72	1140	1.5	< 2	1.96	< 0.5	16	52	53	3.34	1.58	0.90
J10100E 11600N	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
J10100E 11650N	201	202	< 5	< 0.2	6.52	1260	1.5	< 2	0.39	< 0.5	10	101	27	3.83	1.88	0.91
J10100E 11700N	201	202	< 5	< 0.2	6.60	1280	2.0	< 2	0.43	0.5	17	93	69	5.33	1.94	1.12
J10100E 11750N	201	202	< 5	< 0.2	6.94	1490	1.5	< 2	0.37	< 0.5	12	97	28	5.53	1.96	1.23
J10100E 11800N	201	202	< 5	< 0.2	8.78	1850	2.5	< 2	7.01	0.5	12	94	39	3.13	3.66	0.72
J10100E 11850N	201	202	< 5	< 0.2	6.94	1650	2.0	< 2	0.66	< 0.5	20	110	63	4.88	2.03	1.22
J10100E 11900N	201	202	< 5	< 0.2	5.00	1480	1.5	< 2	1.53	2.5	23	73	49	4.92	1.53	0.79
J10100E 11950N	201	202	< 5	0.6	5.33	1060	1.5	2	1.61	1.5	18	76	44	3.66	1.39	0.69
J10300E 11050N	201	202	< 5	< 0.2	6.02	1580	1.5	< 2	1.25	0.5	15	108	51	3.65	1.82	1.18
J10300E 11100N	201	202	< 5	0.2	5.57	1540	1.5	2	1.08	0.5	15	81	36	3.31	1.70	1.07
J10300E 11150N	201	202	< 5	< 0.2	5.87	1470	1.5	8	1.71	0.5	12	89	29	3.26	1.61	1.48
J10300E 11200N	201	202	< 5	< 0.2	4.21	870	1.0	2	2.94	0.5	11	45	232	2.18	1.21	0.72
J10300E 11250N	201	202	< 5	0.6	4.79	710	0.5	< 2	2.66	0.5	4	12	24	1.29	1.30	0.49
J10300E 11300N	201	202	< 5	0.4	4.14	950	1.0	< 2	2.54	2.0	13	49	73	2.36	1.10	0.68
J10300E 11350N	201	202	< 5	0.4	5.68	1430	2.0	2	1.09	0.5	12	105	37	3.05	1.90	0.99
J10300E 11400N	201	202	< 5	< 0.2	4.78	1070	1.5	< 2	2.21	1.0	15	78	157	3.66	1.25	0.98
J10300E 11450N	201	202	< 5	< 0.2	4.50	730	0.5	< 2	3.14	1.0	4	31	40	1.46	1.30	0.74
J10300E 11500N	201	202	< 5	< 0.2	4.96	1030	1.5	< 2	2.00	< 0.5	11	73	40	2.56	1.56	1.00
J10300E 11550N	201	202	< 5	0.4	6.48	1040	1.5	< 2	1.79	0.5	12	40	48	2.74	1.74	0.63
J10300E 11600N	201	202	< 5	< 0.2	4.31	1160	1.0	< 2	0.80	0.5	11	61	27	2.54	1.29	0.81
J10300E 11650N	201	202	< 5	< 0.2	6.62	1550	1.5	6	0.45	0.5	19	107	23	4.69	1.82	1.26
J10300E 11700N	201	202	< 5	< 0.2	6.69	1450	2.0	< 2	0.85	< 0.5	7	93	18	3.22	2.02	0.82
J10300E 11750N	201	202	< 5	< 0.2	6.94	1580	2.0	< 2	0.97	0.5	21	122	55	3.62	2.24	1.24
J10300E 11800N	201	202	< 5	0.4	4.86	1040	1.5	< 2	1.50	0.5	19	77	45	3.63	1.17	0.73
J10300E 11850N	201	202	< 5	0.2	6.45	1240	1.5	< 2	0.52	0.5	13	109	29	4.49	1.74	0.75
J10500E 11050N	201	202	< 5	< 0.2	4.62	1020	1.5	< 2	2.30	1.5	10	70	31	2.41	1.35	0.90
J10500E 11100N	201	202	< 5	< 0.2	5.53	1260	2.0	< 2	1.22	0.5	17	115	39	3.44	1.80	1.02
J10500E 11150N	201	202	< 5	< 0.2	5.11	980	1.5	< 2	1.93	0.5	8	68	27	2.09	1.37	0.87
J10500E 11200N	201	202	< 5	1.0	5.25	1010	1.5	2	1.94	0.5	14	101	39	3.08	1.50	1.00

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 05-SEP-97
Invoice No. : I9740036
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9740036

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)			
J10100E 11050N	201	202	785	2	0.90	57	1200	4	153	0.29	170	< 10	126			
J10100E 11100N	201	202	580	1	0.86	58	1190	4	146	0.33	136	< 10	138			
J10100E 11150N	201	202	490	< 1	0.85	47	1300	< 2	195	0.24	141	< 10	146			
J10100E 11200N	201	202	575	< 1	0.98	46	1450	4	205	0.25	142	< 10	134			
J10100E 11250N	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd			
J10100E 11300N	201	202	730	1	1.14	72	1410	10	161	0.28	178	< 10	94			
J10100E 11350N	201	202	650	1	1.85	27	770	2	418	0.21	95	< 10	86			
J10100E 11400N	201	202	805	1	1.07	66	1210	4	166	0.29	174	< 10	94			
J10100E 11450N	201	202	405	1	0.85	46	1120	4	130	0.29	171	< 10	76			
J10100E 11500N	201	202	430	1	0.81	51	1470	4	135	0.28	186	< 10	72			
J10100E 11550N	201	202	680	1	1.37	34	1310	< 2	305	0.32	134	< 10	54			
J10100E 11600N	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd			
J10100E 11650N	201	202	315	3	0.84	31	470	< 2	84	0.32	231	< 10	58			
J10100E 11700N	201	202	425	4	0.84	50	850	10	118	0.40	225	< 10	98			
J10100E 11750N	201	202	515	2	0.86	32	560	12	105	0.51	226	< 10	98			
J10100E 11800N	201	202	590	1	0.52	48	600	4	231	0.22	108	< 10	46			
J10100E 11850N	201	202	620	2	0.91	84	1150	4	119	0.31	171	< 10	82			
J10100E 11900N	201	202	5200	5	0.57	108	1950	< 2	175	0.12	117	< 10	550			
J10100E 11950N	201	202	2190	1	1.09	46	1710	4	215	0.22	90	< 10	82			
J10300E 11050N	201	202	605	2	0.97	57	990	8	135	0.27	168	< 10	92			
J10300E 11100N	201	202	800	1	1.04	46	870	14	162	0.30	144	< 10	110			
J10300E 11150N	201	202	470	< 1	1.22	41	670	4	162	0.35	142	< 10	74			
J10300E 11200N	201	202	610	1	0.98	31	1000	< 2	336	0.18	100	< 10	42			
J10300E 11250N	201	202	405	1	1.75	17	610	< 2	459	0.15	32	< 10	34			
J10300E 11300N	201	202	1250	< 1	1.05	74	1020	6	300	0.16	71	< 10	64			
J10300E 11350N	201	202	420	< 1	0.87	51	1260	6	131	0.26	184	< 10	82			
J10300E 11400N	201	202	690	< 1	0.99	73	1080	6	202	0.24	115	< 10	68			
J10300E 11450N	201	202	405	2	1.39	16	1120	< 2	438	0.15	63	< 10	64			
J10300E 11500N	201	202	470	1	0.98	39	1020	2	210	0.22	119	< 10	56			
J10300E 11550N	201	202	1170	1	1.67	27	880	10	344	0.21	71	< 10	62			
J10300E 11600N	201	202	595	< 1	0.81	32	660	14	129	0.23	113	< 10	80			
J10300E 11650N	201	202	885	1	0.96	31	640	12	110	0.54	221	< 10	90			
J10300E 11700N	201	202	285	< 1	1.02	26	700	6	133	0.38	162	< 10	62			
J10300E 11750N	201	202	350	1	0.95	79	1160	8	133	0.26	163	< 10	108			
J10300E 11800N	201	202	1020	2	0.86	39	2280	6	177	0.26	108	< 10	42			
J10300E 11850N	201	202	345	3	0.95	36	580	4	136	0.29	173	< 10	42			
J10500E 11050N	201	202	1180	1	0.92	46	960	4	233	0.21	114	< 10	72			
J10500E 11100N	201	202	420	1	0.97	67	1250	8	145	0.30	167	< 10	104			
J10500E 11150N	201	202	270	< 1	1.15	38	870	4	252	0.23	111	< 10	96			
J10500E 11200N	201	202	835	1	1.06	56	1040	4	185	0.21	134	< 10	94			

CERTIFICATION:

Chemex Labs Ltd.

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Page Number :2-A
Total Pages :2
Certificate Date: 05-SEP-97
Invoice No. :I9740036
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CERTIFICATE OF ANALYSIS A9740036

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)
J10500E 11250N	201	202	< 5	< 0.2	5.13	1250	1.5	< 2	1.94	0.5	14	88	47	2.96	1.60	0.91
J10500E 11300N	201	202	< 5	< 0.2	6.31	1280	2.0	< 2	1.25	0.5	14	101	51	3.06	1.93	1.12
J10500E 11350N	201	202	< 5	< 0.2	9.08	2730	2.5	< 2	0.96	1.0	18	102	54	4.64	3.17	1.66
J10500E 11400N	201	202	< 5	< 0.2	7.13	1470	2.0	< 2	0.76	0.5	22	126	58	4.43	2.08	1.42
J10500E 11450N	201	202	< 5	< 0.2	6.41	1380	2.0	2	0.95	< 0.5	13	102	38	3.46	1.92	1.17
J10500E 11500N	201	202	< 5	< 0.2	6.72	1590	2.0	< 2	0.91	0.5	16	111	37	3.75	2.04	1.23
J10500E 11550N	201	202	< 5	< 0.2	8.36	1340	2.0	< 2	0.55	< 0.5	1	74	9	1.38	2.52	0.65
J10500E 11600N	201	202	< 5	< 0.2	5.90	1120	2.0	< 2	1.44	< 0.5	13	71	58	3.34	1.52	0.99
J10500E 11650N	201	202	< 5	< 0.2	4.34	1670	1.0	< 2	1.77	2.0	24	65	32	7.44	1.30	0.77

CERTIFICATION: Stewart Buchan

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

Project : 6410
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 05-SEP-97
Invoice No. : I9740036
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9740036

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)			
J10500E 11250N	201	202	725	1	0.79	51	1290	6	172	0.25	144	< 10	86			
J10500E 11300N	201	202	305	3	1.08	49	1210	14	161	0.30	164	< 10	98			
J10500E 11350N	201	202	590	4	0.75	55	910	4	100	0.27	152	< 10	138			
J10500E 11400N	201	202	510	1	0.84	62	1380	4	107	0.31	213	< 10	92			
J10500E 11450N	201	202	425	< 1	0.90	48	980	6	117	0.31	171	< 10	82			
J10500E 11500N	201	202	460	1	0.89	51	1020	8	110	0.33	171	< 10	92			
J10500E 11550N	201	202	140	1	0.94	8	160	< 2	150	0.26	97	< 10	56			
J10500E 11600N	201	202	505	< 1	1.29	42	1130	8	203	0.32	113	< 10	50			
J10500E 11650N	201	202	>10000	3	0.62	112	2520	< 2	203	0.20	96	< 10	420			

CERTIFICATION:

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

A9746167

Comments: ATTN: DAVID TERRY

CERTIFICATE A9746167

(GP W) - WESTMIN RESOURCES LTD.

Project: 6410
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 15-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	21	Pulp; prev. prepared at Chemex
287	21	Special dig'n with organic ext'n

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
16	21	Se ppm: HCl-KClO3 digest, ext	AAS-BKGD CORR	0.2	100.0

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British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN: DAVID TERRY

Page Number :1
Total Pages :1
Certificate Date: 15-OCT-97
Invoice No. : I9746167
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9746167

SAMPLE	PREP CODE		Se ppm
T5000E 7000N	244	287	0.2
T5000E 7025N	244	287	< 0.2
T5000E 7050N	244	287	< 0.2
T5000E 7075N	244	287	< 0.2
T5000E 7100N	244	287	< 0.2
T5000E 7125N	244	287	0.2
T5000E 7150N	244	287	4.0
T5000E 7175N	244	287	4.2
T5000E 7200N	244	287	3.0
T5000E 7225N	244	287	3.2
T5000E 7250N	244	287	3.0
T5000E 7275N	244	287	5.8
T5000E 7300N	244	287	3.0
T5000E 7325N	244	287	3.0
T5000E 7350N	244	287	0.6
T5000E 7375N	244	287	0.4
T5000E 7400N	244	287	0.4
T5000E 7425N	244	287	0.4
T5000E 7450N	244	287	0.6
T5000E 7475N	244	287	0.8
T5000E 7500N	244	287	0.4

CERTIFICATION:

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

A9746168

Comments: ATTN: DAVID TERRY

CERTIFICATE A9746168

(GP W) - WESTMIN RESOURCES LTD.

Project: 6410
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 15-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	42	Pulp; prev. prepared at Chemex
287	42	Special dig'n with organic ext'n

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
16	41	Se ppm: HCl-KClO3 digest, ext	AAS-BKGD CORR	0.2	100.0

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PHONE: 604-984-0221 FAX: 604-984-0218

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN: DAVID TERRY

Certificate Date: 15-OCT-97
Invoice No. : I9746168
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9746168

SAMPLE	PREP CODE		Se ppm
T5100E 7000N	244	287	2.2
T5100E 7025N	244	287	9.0
T5100E 7050N	244	287	8.0
T5100E 7075N	244	287	not/ss
T5100E 7100N	244	287	3.0
T5100E 7125N	244	287	3.0
T5100E 7150N	244	287	3.0
T5100E 7175N	244	287	5.0
T5100E 7200N	244	287	7.0
T5100E 7225N	244	287	8.0
T5100E 7250N	244	287	6.0
T5100E 7275N	244	287	9.2
T5100E 7300N	244	287	4.4
T5100E 7325N	244	287	2.2
T5100E 7350N	244	287	2.4
T5100E 7375N	244	287	1.8
T5100E 7400N	244	287	2.2
T5100E 7425N	244	287	1.6
T5100E 7450N	244	287	0.6
T5100E 7475N	244	287	0.2
T5100E 7500N	244	287	1.0
T5200E 7000N	244	287	2.4
T5200E 7025N	244	287	1.0
T5200E 7050N	244	287	4.0
T5200E 7075N	244	287	3.0
T5200E 7100N	244	287	6.0
T5200E 7125N	244	287	14.8
T5200E 7150N	244	287	19.8
T5200E 7175N	244	287	2.4
T5200E 7200N	244	287	10.4
T5200E 7225N	244	287	6.0
T5200E 7250N	244	287	5.8
T5200E 7275N	244	287	4.0
T5200E 7300N	244	287	4.0
T5200E 7325N	244	287	3.0
T5200E 7350N	244	287	2.4
T5200E 7375N	244	287	2.8
T5200E 7400N	244	287	2.4
T5200E 7425N	244	287	2.0
T5200E 7450N	244	287	1.6

CERTIFICATION:

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Analytical Chemists * Geochemists * Registered Assayers

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6410
Comments: ATTN: DAVID TERRY

Certificate Date: 15-OCT-97
Invoice No. : I9746168
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9746168

SAMPLE	PREP CODE		Se ppm									
T5200E 7475N	244	287	5.0									
T5200E 7500N	244	287	4.2									

CERTIFICATION:_____

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

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

INVOICE NUMBER I9737195

BILLING INFORMATION

Date: 20-AUG-97
Project: ROPE
P.O. No.:
Account: GP W

Comments: ATTN:DAVID TERRY - VANCOUVER OFFICE

Billing: For analysis performed on Certificate A9737195

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

Please Remit Payments to:

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

COPY

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
20	205 - Geochem ring to approx 150 mesh	2.50		
	ICP-T27 total digest ICP	20.00		
	0-3 Kg crush and split	2.60		
	983 - Au ppb FA+AA	9.75	34.85	697.00

Total Cost $	697.00
Client Discount (25%) $	-174.25
Net Cost $	522.75
(Reg# R100938885) GST $	36.59
TOTAL PAYABLE (CDN) $	**559.34**

173695-900 Rope-01 (hwp).
901-914 " "

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project: ROPE
Comments: ATTN:DAVID TERRY - VANCOUVER OFFICE

QC [illegible]: 1-A
Tot QC Pg: 1
Date: 20-AUG-97
Invoice #: I9737195
P.O. #:
GP W

QC DATA OF CERTIFICATE A9737195

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Au ppb FA+AA	As ppm	Sb ppm	Hg ppb	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)
G96-TOT	Std1	1	-----	-----	-----	-----	-----	7.60	1180	1.5	< 2	2.05	1.0	21	113	191
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	7.60	1135	1.1	8	2.13	0.9	17	98	177
GEO-96	Std1	1	-----	78	5.2	-----	6.4	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	61	4.8	-----	5.6	-----	-----	-----	-----	-----	-----	-----	-----	-----
TC-97	Std1	1	195	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	201	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
N173695	Dup	1-01	< 5	21	6.0	660	1.0	1.62	2050	0.5	< 2	0.29	< 0.5	2	234	15
	Orig	1-01	< 5	20	5.6	670	0.8	1.59	2050	0.5	< 2	0.29	< 0.5	1	232	15

CERTIFICATION: Ian Bichler

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

Project: ROPE
Comments: ATTN:DAVID TERRY - VANCOUVER OFFICE

QC [illegible]: 1-B
Tot QC Pg: 1
Date: 20-AUG-97
Invoice #: I9737195
P.O. #:

GP W

QC DATA OF CERTIFICATE A9737195

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Fe % (ICP)	K % (ICP)	Mg % (ICP)	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)
G96-TOT	Std1	1	4.94	1.84	1.07	1130	4	1.05	23	680	-----	247	0.34	174	10	204
CHEMEX MEAN	---	---	4.60	1.82	1.00	1025	8	1.00	24	624	-----	236	0.34	160	< 10	185
GEO-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	140	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	125	-----	-----	-----	-----	-----
TC-97	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
N173695	Dup	1-01	0.59	0.57	0.31	55	9	0.14	16	710	8	62	0.06	635	< 10	20
	Orig	1-01	0.58	0.57	0.31	55	10	0.14	16	720	12	64	0.07	623	< 10	34

CERTIFICATION: [signature]

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

A9737195

Comments: ATTN:DAVID TERRY - VANCOUVER OFFICE

CERTIFICATE A9737195

(GP W) - WESTMIN RESOURCES LTD.

Project: ROPE
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 20-AUG-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	20	Geochem ring to approx 150 mesh
226	20	0-3 Kg crush and split
3202	20	Rock - save entire reject
285	20	ICP - HF digestion charge
287	20	Special dig'n with organic ext'n

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	20	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
13	20	As ppm: HNO3-aqua regia digest	AAS-HYDRIDE/EDL	1	10000
22	20	Sb ppm: HCl-KClO3 digest, extrac	AAS-BKGD CORR	0.2	1000
20	20	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
578	20	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	20	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	20	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	20	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	20	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	20	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	20	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	20	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	20	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	20	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	20	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	20	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	20	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	20	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	20	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	20	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	20	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	20	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	20	Pb ppm: 24 element, rock & core	AAS	2	10000
582	20	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	20	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	20	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	20	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	20	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
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To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : ROPE
Comments: ATTN:DAVID TERRY - VANCOUVER OFFICE

Page ber : 1-A
Total s : 1
Certificate Date: 20-AUG-97
Invoice No. : I9737195
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9737195

SAMPLE	PREP CODE		Au ppb FA+AA	As ppm	Sb ppm	Hg ppb	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)
N173695	205	226	< 5	20	5.6	670	0.8	1.59	2050	0.5	< 2	0.29	< 0.5	1	232	15
N173696	205	226	< 5	18	7.6	1430	1.2	2.14	3300	1.0	< 2	0.04	< 0.5	< 1	211	23
N173697	205	226	< 5	16	14.5	370	1.0	2.93	2450	1.5	< 2	0.22	2.0	< 1	261	35
N173698	205	226	10	198	22	270	1.4	2.52	2340	2.0	< 2	1.46	19.0	< 1	267	150
N173699	205	226	15	109	34	860	2.2	2.99	2920	2.0	< 2	1.57	13.0	2	382	229
N173700	205	226	25	130	26	530	1.4	2.40	1390	1.5	< 2	1.02	11.0	< 1	377	224
N173901	205	226	45	68	64	210	1.2	5.55	80	2.5	< 2	4.78	6.0	11	188	206
N173902	205	226	30	43	24	120	0.6	4.80	180	2.0	2	4.05	3.5	6	193	88
N173903	205	226	< 5	14	8.8	70	0.4	4.07	350	1.5	< 2	2.80	1.5	6	175	47
N173904	205	226	< 5	16	5.4	50	< 0.2	4.08	280	1.5	< 2	3.22	1.0	6	93	31
N173905	205	226	15	71	20	70	0.4	3.86	190	1.5	2	3.38	5.5	9	134	64
N173906	205	226	< 5	35	8.2	80	< 0.2	4.13	270	1.5	< 2	3.17	6.0	8	129	66
N173907	205	226	< 5	34	5.0	80	0.2	4.72	220	2.0	< 2	1.65	3.0	7	118	76
N173908	205	226	< 5	54	6.8	30	< 0.2	4.84	650	2.0	< 2	4.55	19.0	3	206	42
N173909	205	226	< 5	32	13.0	50	< 0.2	5.68	550	2.5	< 2	0.37	0.5	4	374	225
N173910	205	226	10	28	22	140	0.4	2.69	1190	1.5	< 2	0.06	< 0.5	1	317	200
N173911	205	226	15	48	58	130	0.8	3.12	240	1.5	< 2	0.27	< 0.5	3	286	175
N173912	205	226	40	252	48	90	1.0	3.50	210	2.0	< 2	0.44	0.5	6	265	294
N173913	205	226	10	103	30	60	0.4	3.02	240	1.5	< 2	1.86	8.5	8	230	129
N173914	205	226	25	169	60	80	1.4	3.48	170	2.0	< 2	0.91	6.5	14	262	187

CERTIFICATION: Stuart Bichler

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

Project : ROPE
Comments: ATTN:DAVID TERRY - VANCOUVER OFFICE

Page Number : 1-B
Total Pages : 1
Certificate Date: 20-AUG-97
Invoice No. : I9737195
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9737195

SAMPLE	PREP CODE	Fe % (ICP)	K % (ICP)	Mg % (ICP)	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)
N173695	205 226	0.58	0.57	0.31	55	10	0.14	16	720	12	64	0.07	623	< 10	34
N173696	205 226	0.38	0.89	0.26	15	13	0.05	21	180	22	33	0.11	1265	< 10	30
N173697	205 226	0.55	1.23	0.35	25	15	0.06	22	2100	20	76	0.15	977	< 10	38
N173698	205 226	1.78	1.00	0.26	70	15	0.03	21	>10000	16	369	0.09	964	< 10	234
N173699	205 226	0.90	1.38	0.37	40	23	0.03	32	9330	40	275	0.12	2420	10	182
N173700	205 226	1.11	1.11	0.33	55	15	0.03	37	5990	30	169	0.09	1690	< 10	368
N173901	205 226	3.30	2.80	2.49	500	2	0.10	53	6500	10	354	0.22	211	10	572
N173902	205 226	1.88	2.43	2.65	345	3	0.06	35	2400	10	238	0.18	144	< 10	190
N173903	205 226	1.50	2.12	1.98	465	< 1	0.07	27	380	10	149	0.15	60	< 10	276
N173904	205 226	1.26	2.15	2.28	285	< 1	0.06	20	280	8	173	0.14	51	10	90
N173905	205 226	2.11	1.89	2.22	560	< 1	0.06	50	660	8	232	0.12	53	< 10	614
N173906	205 226	1.76	2.12	2.18	370	< 1	0.08	40	520	6	214	0.15	59	< 10	294
N173907	205 226	1.57	2.35	1.36	280	< 1	0.08	44	1240	8	146	0.15	80	< 10	210
N173908	205 226	2.11	2.47	3.04	385	5	0.05	50	1110	6	345	0.15	156	< 10	256
N173909	205 226	0.94	2.83	0.82	30	< 1	0.11	33	2590	4	290	0.20	255	10	82
N173910	205 226	0.64	1.32	0.32	15	< 1	0.06	14	690	< 2	156	0.10	85	< 10	38
N173911	205 226	0.81	1.40	0.31	10	< 1	0.08	22	1940	4	256	0.10	129	10	38
N173912	205 226	0.97	1.36	0.29	10	< 1	0.09	25	4290	6	538	0.10	176	< 10	84
N173913	205 226	1.58	1.33	1.04	285	< 1	0.03	62	3210	< 2	243	0.09	95	10	498
N173914	205 226	2.40	1.38	0.51	560	< 1	0.07	104	4490	8	486	0.11	130	10	1285

CERTIFICATION: Stewart Bichler

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

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

INVOICE NUMBER I 9 7 3 7 8 4 0

BILLING INFORMATION

Date: 22-AUG-97
Project: ROPE
P.O. No.:
Account: GP W

Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Billing: For analysis performed on Certificate A9737840

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

Please Remit Payments to:

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

COPY

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
10	205 - Geochem ring to approx 150 mesh	2.50		
	ICP-T27 total digest ICP	20.00		
	0-3 Kg crush and split	2.60		
	983 - Au ppb FA+AA	9.75	34.85	348.50

Total Cost $	348.50
Client Discount (25%) $	-87.13
Net Cost $	261.37
(Reg# R100938885) GST $	18.30
TOTAL PAYABLE (CDN) $	279.67

1773860 - 877 - # RP-02.

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

Project: ROPE
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

QC #: 1-A
Tot C. g: 1
Date: 22-AUG-97
Invoice #: I9737840
P.O. #:

GP W

QC DATA OF CERTIFICATE A9737840

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Au ppb FA+AA	As ppm	Sb ppm	Hg ppb	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)
ADS-1	Std1	1	440	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	470	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
G96-TOT	Std1	1	-----	-----	-----	-----	-----	7.59	1160	1.0	< 2	2.06	0.5	18	98	175
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	7.60	1135	1.1	8	2.13	0.9	17	98	177
GEO-96	Std1	1	-----	62	5.2	170	4.8	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	61	4.8	165	5.6	-----	-----	-----	-----	-----	-----	-----	-----	-----

CERTIFICATION: Stan B...

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

Project: ROPE
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

QC [illegible]: 1-B
Tot QC [illegible]g: 1
Date: 22-AUG-97
Invoice #: I9737840
P.O. #:

GP W

QC DATA OF CERTIFICATE A9737840

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Fe % (ICP)	K % (ICP)	Mg % (ICP)	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)
ADS-1	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
G96-TOT	Std1	1	4.74	1.85	0.99	1020	10	1.03	24	590	-----	244	0.34	155	< 10	178
CHEMEX MEAN	---	---	4.60	1.82	1.00	1025	8	1.00	24	624	-----	236	0.34	160	< 10	185
GEO-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	130	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	125	-----	-----	-----	-----	-----

CERTIFICATION: [illegible]

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

A9737840

Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

CERTIFICATE A9737840

(GP W) - WESTMIN RESOURCES LTD.

Project: ROPE
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 22-AUG-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	10	Geochem ring to approx 150 mesh
226	10	0-3 Kg crush and split
3202	10	Rock - save entire reject
285	10	ICP - HF digestion charge
287	10	Special dig'n with organic ext'n

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	10	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
13	10	As ppm: HNO3-aqua regia digest	AAS-HYDRIDE/EDL	1	10000
22	10	Sb ppm: HCl-KClO3 digest, extrac	AAS-BKGD CORR	0.2	1000
20	10	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
578	10	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	10	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	10	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	10	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	10	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	10	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	10	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	10	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	10	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	10	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	10	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	10	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	10	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	10	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	10	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	10	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	10	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	10	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	10	Pb ppm: 24 element, rock & core	AAS	2	10000
582	10	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	10	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	10	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	10	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	10	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.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : ROPE
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Page Number :1-A
Total Pages :1
Certificate Date: 22-AUG-97
Invoice No. :I9737840
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9737840

SAMPLE	PREP CODE		Au ppb FA+AA	As ppm	Sb ppm	Hg ppb	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)
N173868	205	226	< 5	68	30	620	2.0	4.29	60	2.0	< 2	2.36	10.5	10	187	100
N173869	205	226	< 5	30	9.2	390	1.8	4.35	80	1.5	< 2	1.91	4.0	12	168	97
N173870	205	226	< 5	36	8.6	1230	2.0	3.89	100	1.5	< 2	2.68	20.0	10	191	123
N173871	205	226	< 5	38	12.0	780	2.0	4.24	100	1.5	< 2	4.69	10.0	8	172	163
N173872	205	226	< 5	22	10.0	630	1.4	5.23	160	2.0	< 2	3.83	9.5	8	147	101
N173873	205	226	< 5	26	9.2	550	1.8	3.45	120	1.5	< 2	1.95	5.0	12	170	62
N173874	205	226	< 5	36	14.0	450	2.2	4.49	100	1.5	< 2	2.50	2.0	15	140	74
N173875	205	226	< 5	32	10.0	710	1.6	5.03	120	2.0	< 2	1.80	10.5	13	126	70
N173876	205	226	< 5	30	18.5	440	1.2	4.78	130	2.0	< 2	3.75	3.0	9	162	99
N173877	205	226	< 5	28	10.5	620	1.2	4.41	140	1.5	< 2	2.97	10.5	9	120	85

CERTIFICATION: Hart Bichler

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

Project : ROPE
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 22-AUG-97
Invoice No. : I9737840
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9737840

SAMPLE	PREP CODE		Fe % (ICP)	K % (ICP)	Mg % (ICP)	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)
N173868	205	226	3.83	2.18	1.29	165	23	0.04	101	3520	24	86	0.22	1110	< 10	748
N173869	205	226	2.21	2.18	1.12	135	22	0.04	97	2790	20	73	0.24	666	< 10	316
N173870	205	226	2.22	1.89	1.32	185	33	0.01	105	4510	26	105	0.25	1160	< 10	1285
N173871	205	226	2.66	2.18	1.68	270	17	0.01	93	>10000	24	194	0.28	880	< 10	684
N173872	205	226	2.01	2.66	2.51	220	33	0.03	88	1060	24	131	0.25	1045	< 10	766
N173873	205	226	1.86	1.69	1.21	140	26	0.03	107	1550	20	81	0.20	723	< 10	384
N173874	205	226	2.41	2.20	1.67	140	45	0.03	140	1010	30	82	0.24	692	< 10	232
N173875	205	226	2.03	2.61	1.46	115	47	0.07	137	500	24	61	0.25	1125	< 10	900
N173876	205	226	2.27	2.36	2.09	175	21	0.01	78	3930	18	126	0.23	716	< 10	268
N173877	205	226	1.85	2.22	1.85	160	24	0.01	84	2170	16	102	0.22	943	< 10	772

CERTIFICATION: Ian Buchanan

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

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

INVOICE NUMBER I 9 7 3 9 4 9 1

BILLING INFORMATION

Date: 8-SEP-97
Project: ROPE
P.O. No.:
Account: GP W

Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Billing: For analysis performed on Certificate A9739491

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

Please Remit Payments to:

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

COPY

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
21	205 - Geochem ring to approx 150 mesh	2.50		
	ICP-T27 total digest ICP	20.00		
	0-3 Kg crush and split	2.60		
	983 - Au ppb FA+AA	9.75	34.85	731.85

Total Cost $	731.85
Client Discount (25%) $	-182.96
Net Cost $	548.89
(Reg# R100938885) GST $	38.42
TOTAL PAYABLE (CDN) $	**587.31**

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

Project: ROPE
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

QC #: 1-A
Tot QC Pg: 1
Date: 08-SEP-97
Invoice #: I9739491
P.O. #:

GP W

QC DATA OF CERTIFICATE A9739491

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Au ppb FA+AA	As ppm	Sb ppm	Hg ppb	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)
G96-TOT	Std1	1	-----	-----	-----	-----	-----	7.17	1110	1.0	< 2	1.94	1.0	18	101	174
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	7.60	1135	1.1	8	2.13	0.9	17	98	177
GEO-96	Std1	1	-----	60	-----	130	5.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	61	-----	165	5.6	-----	-----	-----	-----	-----	-----	-----	-----	-----
GEO-96S	Std1	1	-----	-----	5.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TC-97	Std1	1	200	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	201	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
N173878	Dup	1-01	< 5	22	11.5	460	1.2	3.99	130	2.0	< 2	3.57	7.0	7	187	93
	Orig	1-01	< 5	18	12.0	420	1.2	4.23	120	2.0	< 2	3.51	7.5	8	195	98

CERTIFICATION: Stuart Buchan

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

Project: ROPE
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

QC .#: 1-B
Tot QC Pg: 1
Date: 08-SEP-97
Invoice #: I9739491
P.O. #:
GP W

QC DATA OF CERTIFICATE A9739491

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Fe % (ICP)	K % (ICP)	Mg % (ICP)	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)
G96-TOT	Std1	1	5.05	1.70	1.01	1040	11	1.06	25	620	-----	218	0.32	158	20	192
CHEMEX MEAN	---	---	4.60	1.82	1.00	1025	8	1.00	24	624	-----	236	0.34	160	< 10	185
GEO-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	128	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	125	-----	-----	-----	-----	-----
GEO-96S	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TC-97	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
N173878	Dup	1-01	1.86	2.12	1.61	155	26	0.04	78	7210	12	121	0.20	981	< 10	480
	Orig	1-01	1.95	2.00	1.67	160	26	0.04	80	7630	14	128	0.19	1030	< 10	508

CERTIFICATION: Ivan Bebbler

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

A9739491

Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

CERTIFICATE A9739491

(GP W) - WESTMIN RESOURCES LTD.

Project: ROPE
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 8-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	21	Geochem ring to approx 150 mesh
226	21	0-3 Kg crush and split
3202	21	Rock - save entire reject
285	21	ICP - HF digestion charge
287	21	Special dig'n with organic ext'n

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	21	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
13	21	As ppm: HNO3-aqua regia digest	AAS-HYDRIDE/EDL	1	10000
22	21	Sb ppm: HCl-KClO3 digest, extrac	AAS-BKGD CORR	0.2	1000
20	21	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
578	21	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	21	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	21	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	21	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	21	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	21	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	21	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	21	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	21	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	21	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	21	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	21	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	21	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	21	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	21	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	21	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	21	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	21	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	21	Pb ppm: 24 element, rock & core	AAS	2	10000
582	21	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	21	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	21	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	21	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	21	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.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : ROPE
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Page Number :1-A
Total Pages :1
Certificate Date: 08-SEP-97
Invoice No. :I9739491
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9739491

SAMPLE	PREP CODE		Au ppb FA+AA	As ppm	Sb ppm	Hg ppb	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)
N173878	205	226	< 5	18	12.0	420	1.2	4.23	120	2.0	< 2	3.51	7.5	8	195	98
N173879	205	226	< 5	20	13.5	230	1.0	3.80	140	1.5	2	3.85	1.0	10	151	59
N173880	205	226	< 5	16	10.0	210	1.0	3.69	160	1.5	< 2	3.77	2.5	9	144	70
N173881	205	226	< 5	26	14.0	260	1.4	4.45	140	2.0	< 2	2.31	2.0	11	200	90
N173882	205	226	< 5	22	14.5	580	1.6	4.52	120	2.0	< 2	3.00	12.0	8	197	137
N173883	205	226	< 5	20	10.0	300	1.2	3.75	140	2.0	< 2	2.95	2.5	11	209	77
N173884	205	226	< 5	20	10.5	640	1.6	4.35	80	2.0	2	2.58	10.0	12	215	100
N173885	205	226	< 5	24	12.0	860	2.6	4.75	120	2.5	< 2	3.68	18.0	12	215	141
N173886	205	226	< 5	20	11.0	970	2.2	5.09	140	2.5	< 2	2.86	22.0	9	218	133
N173887	205	226	< 5	30	14.5	640	2.8	4.89	100	2.5	< 2	2.27	9.5	13	183	113
N173888	205	226	< 5	20	16.0	380	1.8	3.80	100	1.5	< 2	6.34	7.0	7	163	104
N173889	205	226	< 5	20	11.5	530	2.0	4.65	110	2.0	< 2	4.58	10.0	9	213	108
N173890	205	226	< 5	16	9.2	930	2.4	4.00	120	2.0	< 2	5.96	24.5	6	214	155
N173891	205	226	< 5	36	15.5	570	3.2	4.99	100	2.0	< 2	3.64	12.5	14	233	208
N173892	205	226	< 5	32	12.0	550	2.2	5.09	110	2.0	< 2	3.28	14.5	11	205	125
N173893	205	226	< 5	26	11.5	580	2.6	5.92	160	2.5	< 2	2.25	26.0	8	241	196
N173894	205	226	< 5	22	8.0	310	1.8	3.74	120	1.5	2	5.80	14.0	8	211	101
N173895	205	226	< 5	16	8.0	180	1.4	3.46	140	1.5	2	5.66	6.0	9	144	56
N173896	205	226	< 5	22	11.0	340	1.2	4.13	110	2.0	< 2	2.31	13.5	10	172	83
N173897	205	226	< 5	16	7.2	270	1.2	2.38	80	1.0	< 2	7.93	8.0	8	124	87
N173898	205	226	< 5	2	1.4	190	< 0.2	2.12	1090	0.5	< 2	12.50	6.5	8	74	15

CERTIFICATION: Ian Bradley

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

Project : ROPE
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Page Number : 1-B
Total Pages : 1
Certificate Date: 08-SEP-97
Invoice No. : I9739491
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9739491

SAMPLE	PREP CODE		Fe % (ICP)	K % (ICP)	Mg % (ICP)	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)
N173878	205	226	1.95	2.00	1.67	160	26	0.04	80	7630	14	128	0.19	1030	< 10	508
N173879	205	226	2.58	1.87	2.36	245	19	0.04	73	2400	16	118	0.17	510	< 10	86
N173880	205	226	2.09	1.90	2.39	260	27	0.04	83	1610	12	113	0.18	780	< 10	194
N173881	205	226	2.79	2.30	1.50	150	28	0.06	97	3000	20	76	0.23	826	< 10	146
N173882	205	226	2.21	2.33	1.59	150	22	0.05	81	5900	10	96	0.22	888	< 10	758
N173883	205	226	2.31	1.92	1.74	250	23	0.04	89	2830	14	91	0.21	793	< 10	192
N173884	205	226	2.18	2.13	1.47	150	28	0.05	103	3460	14	90	0.24	872	< 10	638
N173885	205	226	3.40	2.44	2.05	205	22	0.06	105	5560	18	146	0.21	1005	< 10	1060
N173886	205	226	2.40	2.62	1.60	145	22	0.08	86	6300	26	117	0.21	1300	< 10	1290
N173887	205	226	3.20	2.44	1.45	130	21	0.08	96	3810	24	87	0.20	807	< 10	548
N173888	205	226	3.68	1.99	3.46	385	13	0.05	61	5840	12	209	0.16	797	< 10	424
N173889	205	226	2.52	2.30	2.17	200	18	0.06	82	9250	16	171	0.22	1030	< 10	572
N173890	205	226	2.23	2.03	2.16	200	13	0.05	90	>10000	18	266	0.17	1070	< 10	1345
N173891	205	226	3.64	2.57	1.33	105	16	0.06	126	>10000	30	158	0.22	1200	< 10	724
N173892	205	226	2.51	2.58	1.29	110	22	0.06	100	>10000	24	158	0.19	1345	< 10	882
N173893	205	226	2.53	2.99	1.24	90	17	0.10	93	7810	14	118	0.24	1305	< 10	1535
N173894	205	226	2.37	1.94	2.63	240	13	0.04	73	>10000	14	248	0.15	798	< 10	792
N173895	205	226	2.57	1.83	3.48	405	21	0.04	70	2280	16	192	0.16	565	< 10	374
N173896	205	226	1.96	1.91	1.62	170	28	0.05	84	1870	16	122	0.22	877	< 10	886
N173897	205	226	3.38	1.25	4.62	1145	15	0.03	70	1920	16	275	0.12	514	< 10	522
N173898	205	226	3.31	1.02	7.43	2120	15	0.03	62	760	4	436	0.11	480	< 10	476

CERTIFICATION:

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

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

INVOICE NUMBER I9739493

BILLING INFORMATION

Date: 8-SEP-97
Project: ROPE
P.O. No.:
Account: GP W

Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Billing: For analysis performed on Certificate A9739493

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

Please Remit Payments to:

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

COPY

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
20	205 - Geochem ring to approx 150 mesh	2.50		
	294 - 4-7 Kg crush and split	3.50		
	3202 - Rock - save entire reject	0.50		
	ICP-T27 total digest ICP	20.00		
	983 - Au ppb FA+AA	9.75	36.25	725.00

Total Cost $	725.00
Client Discount (25%) $	-181.25
Net Cost $	543.75
(Reg# R100938885) GST $	38.06
TOTAL PAYABLE (CDN) $	**581.81**

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

Project: ROPE
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

QC [illegible] #: 1-A
Tot Qc [illegible]g: 1
Date: 08-SEP-97
Invoice #: I9739493
P.O. #:
GP W

QC DATA OF CERTIFICATE A9739493

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Au ppb FA+AA	As ppm	Sb ppm	Hg ppb	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)
G96-TOT	Std1	1	-----	-----	-----	-----	-----	7.68	1170	1.5	2	2.06	1.5	17	106	186
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	7.60	1135	1.1	8	2.13	0.9	17	98	177
GEO-96	Std1	1	-----	58	-----	130	5.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	61	-----	165	5.6	-----	-----	-----	-----	-----	-----	-----	-----	-----
GEO-96S	Std1	1	-----	-----	5.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TC-97	Std1	1	200	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	201	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
N173940	Dup	1-01	50	560	12.0	< 10	< 0.2	5.88	320	1.5	< 2	3.12	0.5	14	122	23
	Orig	1-01	50	570	11.0	< 10	< 0.2	6.08	320	2.0	< 2	3.23	0.5	14	130	21

CERTIFICATION: Hart Bichler

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

Project: ROPE
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

QC #: 1-B
Tot Qc Pg: 1
Date: 08-SEP-97
Invoice #: I9739493
P.O. #:
GP W

QC DATA OF CERTIFICATE A9739493

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Fe % (ICP)	K % (ICP)	Mg % (ICP)	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)
G96-TOT	Std1	1	5.37	1.85	1.08	1105	10	1.12	25	630	-----	232	0.32	165	10	200
CHEMEX MEAN	---	---	4.60	1.82	1.00	1025	8	1.00	24	624	-----	236	0.34	160	< 10	185
GEO-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	128	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	125	-----	-----	-----	-----	-----
GEO-96S	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TC-97	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
N173940	Dup	1-01	2.49	3.41	2.32	570	1	0.10	30	1080	10	106	0.30	97	< 10	42
	Orig	1-01	2.56	3.28	2.38	590	2	0.13	29	1150	10	108	0.29	103	< 10	48

CERTIFICATION: Stuart Buchan

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

A9739493

Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

CERTIFICATE A9739493

(GP W) - WESTMIN RESOURCES LTD.

Project: ROPE
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 8-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	20	Geochem ring to approx 150 mesh
294	20	4-7 Kg crush and split
3202	20	Rock - save entire reject
285	20	ICP - HF digestion charge
287	20	Special dig'n with organic ext'n

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	20	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
13	20	As ppm: HNO3-aqua regia digest	AAS-HYDRIDE/EDL	1	10000
22	20	Sb ppm: HCl-KClO3 digest, extrac	AAS-BKGD CORR	0.2	1000
20	20	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
578	20	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	20	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	20	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	20	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	20	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	20	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	20	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	20	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	20	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	20	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	20	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	20	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	20	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	20	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	20	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	20	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	20	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	20	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	20	Pb ppm: 24 element, rock & core	AAS	2	10000
582	20	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	20	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	20	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	20	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	20	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

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V7X 1C4

Project : ROPE
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Page Number : 1-A
Total Pages : 1
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CERTIFICATE OF ANALYSIS A9739493

SAMPLE	PREP CODE		Au ppb FA+AA	As ppm	Sb ppm	Hg ppb	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)
N173940	205	294	50	570	11.0	< 10	< 0.2	6.08	320	2.0	< 2	3.23	0.5	14	130	21
N173941	205	294	15	62	12.0	10	< 0.2	8.19	530	2.5	< 2	1.99	< 0.5	10	70	28
N173942	205	294	< 5	8	9.2	10	< 0.2	6.90	370	2.0	24	3.03	< 0.5	24	52	69
N173943	205	294	< 5	6	6.4	50	< 0.2	5.60	200	1.5	< 2	2.63	0.5	19	84	45
N173944	205	294	< 5	14	8.0	190	0.6	6.05	180	2.0	< 2	3.78	7.0	16	135	72
N173945	205	294	< 5	1	4.8	10	< 0.2	7.01	320	1.5	4	5.37	< 0.5	21	50	29
N173946	205	294	< 5	60	7.2	30	< 0.2	6.74	350	1.5	< 2	5.99	0.5	21	53	30
N173947	205	294	200	1640	27	60	1.6	6.42	110	2.0	< 2	3.93	4.5	23	122	70
N173948	205	294	185	1980	18.0	40	< 0.2	7.32	230	2.0	< 2	5.66	1.0	22	103	54
N173949	205	294	10	28	12.5	50	< 0.2	6.96	180	2.0	< 2	3.27	1.5	21	78	35
N173950	205	294	< 5	4	7.2	< 10	< 0.2	8.08	1870	1.5	< 2	4.63	< 0.5	25	28	24
N173951	205	294	< 5	10	15.0	60	< 0.2	6.01	210	2.0	14	2.64	2.5	23	61	50
N173952	205	294	< 5	1	3.4	< 10	< 0.2	6.99	560	1.5	4	2.75	< 0.5	33	39	67
N173953	205	294	< 5	2	3.4	60	< 0.2	6.03	250	2.0	< 2	2.33	2.0	22	85	88
N173954	205	294	< 5	4	3.6	50	< 0.2	5.57	210	1.5	2	1.54	3.5	17	72	71
N173955	205	294	< 5	1	1.0	< 10	< 0.2	6.52	2130	0.5	< 2	2.50	0.5	34	63	95
N173956	205	294	< 5	1	1.6	< 10	< 0.2	6.14	2730	1.0	< 2	4.26	< 0.5	35	108	101
N173957	205	294	< 5	1	0.8	< 10	< 0.2	6.72	2050	0.5	< 2	3.06	0.5	36	114	106
N173958	205	294	< 5	4	2.6	80	< 0.2	5.84	180	1.5	8	1.92	2.5	18	72	64
N173959	205	294	< 5	2	1.6	< 10	< 0.2	5.66	1900	0.5	< 2	3.26	0.5	37	213	116

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
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Project : ROPE
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

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CERTIFICATE OF ANALYSIS A9739493

SAMPLE	PREP CODE		Fe % (ICP)	K % (ICP)	Mg % (ICP)	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)
N173940	205	294	2.56	3.28	2.38	590	2	0.13	29	1150	10	108	0.29	103	< 10	48
N173941	205	294	2.78	3.61	1.99	320	1	0.17	26	760	8	75	0.40	106	< 10	42
N173942	205	294	7.36	3.49	2.39	560	1	0.15	34	2310	< 2	114	0.56	223	< 10	78
N173943	205	294	3.76	3.06	1.53	375	< 1	0.10	27	2010	4	80	0.47	165	< 10	76
N173944	205	294	4.09	3.02	1.97	475	9	0.09	70	3320	14	83	0.39	562	< 10	398
N173945	205	294	6.72	3.39	2.77	730	2	0.17	26	3060	< 2	149	0.43	108	10	78
N173946	205	294	6.78	3.84	2.60	835	5	0.16	34	3070	< 2	165	0.41	96	< 10	106
N173947	205	294	5.53	3.64	2.16	700	5	0.13	50	2920	22	89	0.52	249	< 10	532
N173948	205	294	6.97	3.67	2.87	805	5	0.18	76	3730	< 2	137	0.54	163	< 10	184
N173949	205	294	5.54	4.01	1.95	510	7	0.14	69	2300	14	71	0.56	255	< 10	202
N173950	205	294	8.87	3.56	3.69	750	1	0.22	156	3260	< 2	113	0.48	84	< 10	272
N173951	205	294	4.48	3.47	1.84	500	3	0.11	82	1640	10	67	0.60	348	< 10	250
N173952	205	294	8.68	2.51	3.98	555	3	0.20	96	2820	< 2	76	0.84	232	10	224
N173953	205	294	5.84	2.86	2.77	385	2	0.13	45	2600	14	68	0.65	347	< 10	170
N173954	205	294	5.07	2.52	2.74	360	4	0.11	38	1420	6	54	0.50	327	< 10	218
N173955	205	294	7.95	1.89	4.85	580	< 1	0.23	50	1510	< 2	88	0.65	253	< 10	80
N173956	205	294	6.95	2.20	3.79	825	< 1	0.35	86	1270	< 2	152	0.64	241	< 10	102
N173957	205	294	7.45	1.74	4.72	705	1	0.71	70	1380	< 2	118	0.63	261	< 10	116
N173958	205	294	5.28	2.74	2.86	395	6	0.12	42	1390	12	78	0.49	349	< 10	192
N173959	205	294	7.44	1.84	5.14	720	< 1	0.22	148	1410	< 2	156	0.66	249	< 10	140

CERTIFICATION:

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

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

INVOICE NUMBER I9739513

BILLING INFORMATION

Date: 8-SEP-97
Project: ROPE
P.O. No.:
Account: GP W

Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Billing: For analysis performed on Certificate A9739513

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

Please Remit Payments to:

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

COPY

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
58	205 - Geochem ring to approx 150 mesh	2.50		
	ICP-T27 total digest ICP	20.00		
	0-3 Kg crush and split	2.60		
	983 - Au ppb FA+AA	9.75	34.85	2021.30

Total Cost $	2021.30
Client Discount (25%) $	-505.33
Net Cost $	1515.97
(Reg# R100938885) GST $	106.12
TOTAL PAYABLE (CDN) $	**1622.09**

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

Project: ROPE
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

QC #: 1-A
Tot Qc Pg: 1
Date: 08-SEP-97
Invoice #: I9739513
P.O. #:
GP W

QC DATA OF CERTIFICATE A9739513

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Au ppb FA+AA	As ppm	Sb ppm	Hg ppb	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)
ADS-1	Std2	1	455	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	470	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BL-C	Blnk	1	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CR-1	Std1	1	915	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CR-1	Std1	2	830	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	923	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
G96-TOT	Std1	1	-----	-----	-----	-----	-----	7.78	1160	1.0	< 2	2.16	1.5	19	105	180
G96-TOT	Std2	1	-----	-----	-----	-----	-----	8.12	1210	1.5	2	2.22	1.5	20	104	190
G96-TOT	Std1	2	-----	-----	-----	-----	-----	7.68	1140	1.5	< 2	2.19	1.5	17	98	194
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	7.60	1135	1.1	8	2.13	0.9	17	98	177
GEO-96	Std1	1	-----	58	5.0	120	6.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
GEO-96	Std2	1	-----	58	-----	130	5.2	-----	-----	-----	-----	-----	-----	-----	-----	-----
GEO-96	Std1	2	-----	60	-----	120	5.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	61	4.8	165	5.6	-----	-----	-----	-----	-----	-----	-----	-----	-----
GEO-96S	Std2	1	-----	-----	5.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GEO-96S	Std1	2	-----	-----	5.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SIO2-3	Blnk	1	-----	-----	-----	< 10	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	19	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SIO2-G2	Blnk	1	-----	1	< 0.2	-----	< 0.2	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	2	< 0.2	-----	< 0.2	-----	-----	-----	-----	-----	-----	-----	-----	-----
SIO2-T4	Blnk	1	-----	-----	-----	-----	-----	0.25	30	< 0.5	< 2	0.03	< 0.5	< 1	4	3
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	0.26	30	0.5	2	0.03	1.0	1	1	3
N173851	Dup	1-01	75	62	13.5	50	0.8	3.88	270	1.5	< 2	4.47	1.5	12	191	64
	Orig	1-01	75	70	13.0	60	0.8	4.08	230	1.5	< 2	4.63	1.0	13	187	66
N173983	Dup	2-01	85	110	35	80	0.8	3.72	140	1.5	< 2	2.71	5.0	10	242	102
	Orig	2-01	80	102	36	90	0.6	3.73	130	1.5	< 2	2.67	4.5	9	251	103

CERTIFICATION: Stewart Bidlen

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

Project: ROPE
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

QC #: 1-B
Tot QC Pg: 1
Date: 08-SEP-97
Invoice #: I9739513
P.O. #:
GP W

QC DATA OF CERTIFICATE A9739513

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Fe % (ICP)	K % (ICP)	Mg % (ICP)	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)
ADS-1	Std2	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BL-C	Blnk	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CR-1	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CR-1	Std1	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
G96-TOT	Std1	1	4.91	1.87	1.00	1065	9	0.99	27	610	-----	233	0.36	161	10	202
G96-TOT	Std2	1	5.03	1.92	1.04	1105	9	1.02	28	620	-----	243	0.37	166	10	208
G96-TOT	Std1	2	4.89	1.89	1.08	1095	9	1.04	27	610	-----	252	0.37	170	< 10	198
CHEMEX MEAN	---	---	4.60	1.82	1.00	1025	8	1.00	24	624	-----	236	0.34	160	< 10	185
GEO-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	132	-----	-----	-----	-----	-----
GEO-96	Std2	1	-----	-----	-----	-----	-----	-----	-----	-----	130	-----	-----	-----	-----	-----
GEO-96	Std1	2	-----	-----	-----	-----	-----	-----	-----	-----	130	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	125	-----	-----	-----	-----	-----
GEO-96S	Std2	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GEO-96S	Std1	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SIO2-3	Blnk	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SIO2-Q2	Blnk	1	-----	-----	-----	-----	-----	-----	-----	-----	< 2	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	< 2	-----	-----	-----	-----	-----
SIO2-T4	Blnk	1	0.07	0.06	0.01	< 5	< 1	0.03	< 1	250	-----	258	0.01	4	< 10	2
CHEMEX MEAN	---	---	0.07	0.05	0.01	5	1	0.01	1	248	-----	269	0.01	4	10	2
N173851	Dup	1-01	2.52	1.88	2.13	475	14	0.04	78	2500	12	188	0.21	575	< 10	94
	Orig	1-01	2.59	1.92	2.17	490	16	0.04	81	2610	16	194	0.17	601	< 10	100
N173983	Dup	2-01	2.34	1.82	1.31	230	26	0.03	81	4230	8	161	0.15	793	< 10	346
	Orig	2-01	2.33	1.80	1.30	230	25	0.02	82	4160	10	168	0.16	787	< 10	344

CERTIFICATION: Stewart Bachlet

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

A9739513

Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

CERTIFICATE A9739513

(GP W) - WESTMIN RESOURCES LTD.

Project: ROPE
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 8-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	58	Geochem ring to approx 150 mesh
226	58	0-3 Kg crush and split
3202	58	Rock - save entire reject
285	58	ICP - HF digestion charge
287	58	Special dig'n with organic ext'n

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	58	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
13	58	As ppm: HNO3-aqua regia digest	AAS-HYDRIDE/EDL	1	10000
22	58	Sb ppm: HCl-KClO3 digest, extrac	AAS-BKGD CORR	0.2	1000
20	58	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
578	58	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	58	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	58	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	58	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	58	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	58	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	58	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	58	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	58	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	58	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	58	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	58	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	58	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	58	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	58	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	58	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	58	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	58	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	58	Pb ppm: 24 element, rock & core	AAS	2	10000
582	58	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	58	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	58	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	58	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	58	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.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : ROPE
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Page Number :1-A
Total Pages :2
Certificate Date: 08-SEP-97
Invoice No. :I9739513
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9739513

SAMPLE	PREP CODE	Au ppb FA+AA	As ppm	Sb ppm	Hg ppb	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)
N173851	205 226	75	70	13.0	60	0.8	4.08	230	1.5	< 2	4.63	1.0	13	187	66
N173852	205 226	50	66	15.0	80	1.0	4.82	190	1.5	< 2	4.06	8.0	14	204	83
N173853	205 226	35	48	19.0	40	1.4	5.40	240	1.5	2	4.61	2.0	21	231	55
N173854	205 226	40	40	15.5	50	1.2	5.38	220	1.5	< 2	7.24	1.5	16	205	39
N173855	205 226	115	70	26	130	1.6	5.81	280	2.0	< 2	5.44	5.0	23	323	90
N173856	205 226	60	76	21	200	1.6	4.38	270	2.0	< 2	5.39	8.5	11	209	144
N173857	205 226	45	72	29	210	2.2	6.38	170	2.5	< 2	4.56	9.5	11	204	204
N173858	205 226	35	62	28	350	2.2	5.99	140	2.5	< 2	5.18	13.0	11	185	175
N173859	205 226	30	66	20	580	1.8	5.95	130	2.5	< 2	4.56	21.5	12	161	142
N173860	205 226	15	48	16.0	250	2.0	4.74	150	2.0	< 2	6.54	6.5	11	118	66
N173861	205 226	5	62	16.0	390	3.0	5.90	120	2.5	< 2	4.92	12.5	13	194	144
N173862	205 226	< 5	46	10.5	1030	2.2	5.12	170	2.0	< 2	4.90	37.5	10	171	130
N173863	205 226	< 5	4	4.6	50	0.4	2.33	1320	1.0	< 2	12.35	0.5	4	89	29
N173864	205 226	< 5	22	8.2	230	1.2	4.45	210	2.0	2	6.44	6.5	8	150	72
N173865	205 226	< 5	32	13.0	490	2.0	4.35	150	2.0	2	7.47	16.0	11	152	95
N173866	205 226	< 5	22	10.0	160	1.4	3.67	180	1.5	< 2	6.29	1.5	10	162	77
N173867	205 226	< 5	28	11.5	340	1.8	4.72	180	2.0	< 2	3.22	6.0	14	202	79
N173960	205 226	20	46	42	110	0.6	4.50	700	2.0	< 2	2.06	1.0	7	170	160
N173961	205 226	25	34	30	90	0.4	4.39	200	2.0	< 2	3.63	1.0	8	146	121
N173962	205 226	15	48	17.0	30	< 0.2	4.09	1120	1.5	< 2	1.40	0.5	7	140	104
N173963	205 226	45	110	36	60	0.2	3.81	360	1.5	2	2.55	0.5	13	146	116
N173964	205 226	30	42	42	20	0.2	4.32	300	1.5	< 2	1.45	0.5	8	146	107
N173965	205 226	85	66	44	50	0.4	4.48	190	2.0	< 2	2.35	1.5	12	181	108
N173966	205 226	75	90	69	60	0.2	4.53	210	2.0	2	2.64	1.5	11	173	118
N173967	205 226	35	54	61	30	0.2	3.28	1670	1.0	< 2	7.18	1.0	5	140	93
N173968	205 226	55	72	64	90	0.6	4.21	190	2.0	2	3.05	1.5	10	151	135
N173969	205 226	35	64	41	80	< 0.2	3.85	310	2.0	< 2	4.75	1.5	8	153	122
N173970	205 226	40	66	62	90	0.6	5.54	200	2.5	< 2	2.56	2.0	12	154	182
N173971	205 226	60	76	78	130	0.6	4.66	190	2.0	< 2	3.19	2.5	10	146	177
N173972	205 226	40	34	58	110	0.2	4.50	190	2.0	2	4.05	1.0	9	146	143
N173973	205 226	70	66	74	50	< 0.2	3.86	180	1.5	< 2	6.12	0.5	10	149	126
N173974	205 226	60	78	56	40	< 0.2	3.57	310	1.5	< 2	4.97	1.0	10	164	108
N173975	205 226	40	60	38	40	0.2	4.80	310	2.0	2	1.47	< 0.5	14	210	104
N173976	205 226	25	40	33	30	0.2	4.85	200	2.0	< 2	2.43	< 0.5	10	197	99
N173977	205 226	50	154	23	30	0.2	6.91	980	2.5	< 2	3.13	< 0.5	22	242	125
N173978	205 226	35	202	32	30	0.4	6.86	300	2.5	2	5.37	1.0	23	218	124
N173979	205 226	5	114	8.8	< 10	< 0.2	9.58	550	3.0	2	2.61	< 0.5	33	114	70
N173980	205 226	10	342	5.6	< 10	< 0.2	9.32	5250	3.0	< 2	0.27	1.0	20	119	32
N173981	205 226	265	2350	8.8	< 10	< 0.2	10.35	530	3.0	4	0.65	0.5	23	151	40
N173982	205 226	80	300	39	30	0.4	6.30	280	2.0	6	6.75	0.5	18	233	122

CERTIFICATION: Ian Bucklen

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
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Project : ROPE
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Page Number :1-B
Total Pages :2
Certificate Date: 08-SEP-97
Invoice No. :I9739513
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9739513

SAMPLE	PREP CODE		Fe % (ICP)	K % (ICP)	Mg % (ICP)	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)
N173851	205	226	2.59	1.92	2.17	490	16	0.04	81	2610	16	194	0.17	601	< 10	100
N173852	205	226	2.47	2.35	1.88	335	21	0.05	94	3810	16	181	0.21	846	< 10	516
N173853	205	226	3.69	2.35	2.09	605	6	0.09	66	1730	16	171	0.32	226	< 10	184
N173854	205	226	3.66	2.43	3.01	735	11	0.12	67	5250	12	243	0.27	285	< 10	148
N173855	205	226	3.93	2.82	2.60	520	20	0.09	104	2940	18	184	0.32	594	< 10	346
N173856	205	226	2.10	2.17	2.11	230	26	0.04	104	9210	16	240	0.18	950	< 10	624
N173857	205	226	2.31	3.13	1.86	135	20	0.07	112	9730	20	235	0.24	1230	< 10	614
N173858	205	226	2.19	2.94	1.94	150	23	0.06	104	>10000	18	263	0.22	1130	< 10	874
N173859	205	226	2.17	2.94	1.58	125	22	0.06	113	>10000	22	229	0.23	1195	< 10	1430
N173860	205	226	2.90	2.38	3.69	330	20	0.07	80	2150	22	219	0.18	669	< 10	428
N173861	205	226	2.85	2.85	1.95	165	25	0.06	123	>10000	32	205	0.26	1020	< 10	776
N173862	205	226	2.01	2.56	1.95	165	20	0.05	98	9560	26	185	0.23	1365	< 10	2250
N173863	205	226	2.36	1.21	6.48	550	11	0.03	38	3070	14	434	0.10	360	< 10	74
N173864	205	226	2.48	2.24	3.06	275	14	0.05	67	6120	22	229	0.17	729	< 10	402
N173865	205	226	2.75	2.18	3.42	340	16	0.04	90	7650	24	247	0.20	817	< 10	1020
N173866	205	226	2.94	1.86	2.96	440	13	0.04	81	4690	16	211	0.17	589	< 10	116
N173867	205	226	2.70	2.36	1.65	210	19	0.05	103	3700	22	138	0.25	865	< 10	416
N173960	205	226	2.14	1.94	0.95	170	6	0.07	43	3720	6	193	0.18	223	< 10	148
N173961	205	226	2.23	1.92	1.31	275	4	0.05	43	7080	8	292	0.18	171	< 10	148
N173962	205	226	1.79	1.73	0.81	330	1	0.07	37	1620	6	130	0.24	160	< 10	160
N173963	205	226	3.66	1.68	1.25	500	1	0.05	59	1550	6	189	0.21	169	< 10	210
N173964	205	226	2.32	1.89	0.90	260	< 1	0.07	36	920	4	115	0.24	154	< 10	128
N173965	205	226	2.59	1.96	1.02	245	6	0.07	62	3240	12	198	0.24	324	< 10	182
N173966	205	226	3.04	2.00	0.98	335	3	0.06	71	4430	10	222	0.26	348	< 10	228
N173967	205	226	2.39	1.40	3.77	740	1	0.04	30	1800	< 2	644	0.16	106	< 10	162
N173968	205	226	2.16	1.84	0.98	215	6	0.05	63	7270	10	282	0.18	304	< 10	198
N173969	205	226	2.19	1.69	2.11	390	5	0.04	53	4810	10	425	0.14	199	< 10	202
N173970	205	226	2.64	2.42	0.98	300	7	0.09	75	5820	6	218	0.19	307	< 10	250
N173971	205	226	2.14	2.05	1.13	240	5	0.06	65	6900	4	251	0.17	294	< 10	244
N173972	205	226	2.40	1.96	1.78	355	5	0.06	51	4670	4	349	0.17	182	< 10	194
N173973	205	226	2.72	1.74	2.27	425	4	0.05	48	9090	< 2	478	0.18	213	< 10	138
N173974	205	226	2.71	1.58	2.26	500	7	0.05	53	3370	< 2	360	0.17	242	< 10	174
N173975	205	226	3.06	2.12	0.85	210	4	0.09	50	1800	< 2	103	0.29	181	< 10	138
N173976	205	226	2.26	2.17	1.28	205	3	0.08	48	2860	< 2	170	0.30	197	< 10	54
N173977	205	226	3.57	3.20	1.52	425	6	0.13	75	2470	< 2	180	0.29	217	< 10	118
N173978	205	226	4.08	3.08	2.12	785	11	0.13	93	6480	6	311	0.24	428	< 10	152
N173979	205	226	6.00	4.31	1.71	1140	< 1	0.21	73	1610	< 2	135	0.44	111	< 10	170
N173980	205	226	4.69	4.14	1.08	530	1	0.19	58	590	< 2	25	0.27	106	< 10	142
N173981	205	226	4.82	4.63	1.04	570	2	0.22	70	710	< 2	49	0.29	163	< 10	190
N173982	205	226	3.89	2.86	2.91	1025	10	0.12	82	4720	< 2	415	0.34	414	< 10	226

CERTIFICATION: Stewart Bradley

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

Project : ROPE
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Page Number :2-A
Total Pages :2
Certificate Date: 08-SEP-97
Invoice No. :19739513
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9739513

SAMPLE	PREP CODE		Au ppb FA+AA	As ppm	Sb ppm	Hg ppb	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)
N173983	205	226	80	102	36	90	0.6	3.73	130	1.5	< 2	2.67	4.5	9	251	103
N173984	205	226	95	102	54	50	1.6	4.82	160	2.0	< 2	1.62	0.5	12	226	130
N173985	205	226	60	68	24	30	1.0	4.95	200	2.0	< 2	2.38	< 0.5	11	226	55
N173986	205	226	65	76	24	30	0.4	4.63	130	1.5	< 2	3.58	< 0.5	9	222	46
N173987	205	226	70	106	46	50	0.8	5.47	140	2.0	< 2	3.15	< 0.5	12	311	92
N173988	205	226	< 5	16	7.2	< 10	< 0.2	0.83	370	< 0.5	< 2	0.38	0.5	3	358	19
N173989	205	226	30	62	28	40	0.2	3.17	300	1.5	< 2	2.28	1.5	7	381	56
N173990	205	226	60	104	50	30	0.4	5.95	190	2.5	< 2	1.31	0.5	13	409	86
N173991	205	226	25	48	26	20	0.2	1.83	350	0.5	< 2	4.65	< 0.5	5	365	55
N173992	205	226	275	1530	46	30	0.4	12.05	330	4.5	< 2	1.65	< 0.5	30	175	80
N173993	205	226	590	1930	22	< 10	< 0.2	11.80	270	4.0	< 2	2.47	< 0.5	27	177	47
N173994	205	226	75	520	10.5	10	0.2	7.30	210	2.5	< 2	3.04	< 0.5	16	264	57
N173995	205	226	15	68	11.0	50	0.8	3.78	320	1.5	< 2	5.59	< 0.5	10	191	154
N173996	205	226	< 5	82	8.2	80	0.6	3.23	320	1.5	< 2	5.25	5.0	7	219	125
N173997	205	226	< 5	62	8.6	80	0.6	2.69	240	1.5	< 2	6.65	2.0	6	217	134
N173998	205	226	< 5	66	10.0	120	0.6	2.46	130	1.0	< 2	6.00	3.0	6	240	159
N173999	205	226	20	82	22	80	0.8	4.20	150	2.0	< 2	5.32	2.5	7	243	139
N174000	205	226	40	76	22	110	1.4	3.16	200	1.5	< 2	3.43	10.0	7	250	126

CERTIFICATION:

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : ROPE
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 08-SEP-97
Invoice No. : I9739513
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9739513

SAMPLE	PREP CODE		Fe % (ICP)	K % (ICP)	Mg % (ICP)	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)
N173983	205	226	2.33	1.80	1.30	230	25	0.02	82	4160	10	168	0.16	787	< 10	344
N173984	205	226	2.08	2.35	1.30	180	20	0.04	104	660	12	86	0.20	854	< 10	78
N173985	205	226	1.96	2.44	1.73	225	21	0.04	94	550	6	102	0.20	971	< 10	34
N173986	205	226	2.66	2.21	2.26	320	17	0.03	89	830	10	140	0.18	881	< 10	42
N173987	205	226	2.50	2.70	1.87	225	17	0.03	119	3560	8	149	0.26	1150	< 10	38
N173988	205	226	0.75	0.33	0.29	100	4	0.07	25	270	4	26	0.05	156	< 10	46
N173989	205	226	1.66	1.54	1.04	265	15	0.02	62	3540	32	145	0.12	645	< 10	128
N173990	205	226	2.16	2.88	1.00	210	33	0.07	128	2110	6	89	0.27	1420	< 10	78
N173991	205	226	2.44	0.91	2.48	530	7	0.02	52	1330	< 2	185	0.07	362	< 10	138
N173992	205	226	6.42	5.26	1.31	420	4	0.20	88	590	< 2	113	0.28	250	< 10	130
N173993	205	226	6.26	5.05	1.62	670	4	0.17	93	1240	< 2	174	0.32	270	< 10	214
N173994	205	226	3.70	3.22	1.54	830	11	0.09	74	2800	< 2	185	0.25	445	< 10	144
N173995	205	226	1.85	1.75	2.24	280	14	0.03	71	9620	< 2	292	0.15	482	< 10	64
N173996	205	226	1.70	1.54	2.01	220	17	0.02	88	9850	6	286	0.12	779	< 10	418
N173997	205	226	1.88	1.32	2.51	190	18	0.03	79	>10000	12	368	0.10	702	< 10	234
N173998	205	226	2.11	1.22	2.67	205	18	0.02	80	8450	16	326	0.09	604	< 10	304
N173999	205	226	2.06	2.03	2.57	240	14	0.03	82	7300	4	286	0.14	665	< 10	240
N174000	205	226	1.64	1.53	1.42	170	22	0.01	79	6300	12	210	0.12	845	< 10	758

CERTIFICATION: Hart Bradley

ROPE PROPERTY

1997 ASSESSMENT REPORT DESCRIBING GEOLOGICAL, GEOCHEMICAL, AND DIAMOND DRILL SURVEYS ON THE ROPE (1 -553) AND KNOT (1-6), FINLAYSON LAKE AREA, YUKON TERRITORY

DATES WORKED: 15/06/97 – 30/09/97

NTS 105G/9
61°35'N/130°20'W
Watson Lake Mining Division

VOLUME II

093800

Prepared for

Westmin Resources Limited
Suite 904-1055 Dunsmuir Street
P.O. Box 49066, The Bentall Centre
Vancouver, B.C., Canada
V7X 1C4

by

David A. Terry, Ph.D.

March, 1998

RPT/98-04

APPENDIX H

OVERSIZE FIGURES

DIAND - YUKON REGION, LIBRARY
093800
CANADA

SHEET 105G-9

LATITUDE 61°30' To 61°45'
LONGITUDE 130°00' To 130°30'

FIGURE 2.2

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
NORTHERN ADMINISTRATION AND LANDS BRANCH
LANDS DIVISION

SCALE: ½ MILE To 1 INCH

FT. 1500 0 1500 3000 4500 6000 7500 9000 10500 FT.

ISSUED UNDER THE AUTHORITY OF THE MINISTER
OF
NORTHERN AFFAIRS AND NATIONAL RESOURCES

IG Indian Grave Site

Magnetic North 33° 45° E
N 35° 25° E

Note: Entry on certain lands is withdrawn from staking in cross-hatched areas to facilitate the settlement of Native Land Claims without prejudice to Existing Surface and Subsurface Rights.

105G15 105G16 105H13
105G10 105G9 105H12
105G7 105G8 105H5

NOTICE

THIS MAP IS ISSUED AS A PRELIMINARY GUIDE FOR WHICH THE DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT WILL ACCEPT NO RESPONSIBILITY FOR ANY ERRORS, INACCURACIES OR OMISSIONS WHATSOEVER.

29 NOV 94
31 OCT 94
21 OCT 94
11 OCT 94
28 SEPT 94
16 SEPT 94
16 AUG 94
[illegible] JULY 93
31 MAR 93
[illegible] 91
27 AUG 91
24 SEPT 90
6 SEPT 89
14 JULY 89
22 JUNE 89
29 AUG 88
7 AUG 88
7 JUNE 88
30 AUG 88
21 MAY 86
15 MAR 86
16 JAN 86
25 NOV 85
04 JULY 85
28 JUNE 85
23 MAY 85
15 MAY 85
13 MAR 85
09 MAR 85

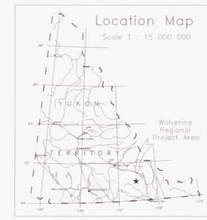
WHITEHORSE 21 June 88
28 SEPT 73
28 May 56

61° 45
61° 30
130° 00'
130° 30'
R-7
R-17
S-23
S-175
S-272
S-19
5717
5 MILE PL9575
5 MILE PL9576
MCEVOY CREEK
ROBERT CAMPBELL HIGHWAY
RAN
PORK
LA
UNK
LIMY
TAG
ROPE
ALEY
OOP
QUES
MAC
LAY
FIN
BEAR
FYD
FOOT
STRIKE
WOL
ARM
TOE

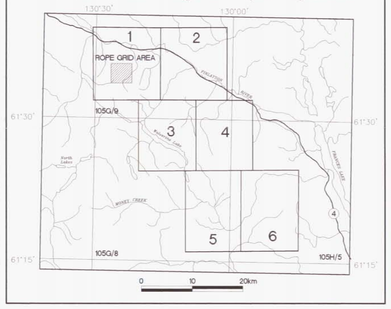
UTM GRID NORTH

N

Location Map
Scale 1 : 15 000 000



Index to Wolverine Regional Project Map Sheets



LEGEND

Symbols

- Lake
- Creek
- 4600 — Topographic Contour (feet)
- RP97-01 – Drill Hole
- DTWV97-3 – Rock Sample Location

093800

DIAND - YUKON REGION, LIBRARY

Dwg(2)

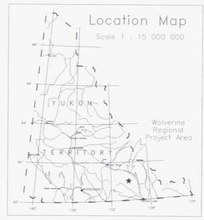
WESTMIN	Westmin Resources Limited ATNA Resources Ltd.
Work By D. Terry	Wolverine Regional Project
Date Drafted July 17, 1997	Rope Grid Sample and Drill Hole Location Map
Drafted By A. Turner	
Date Revised Jan. 8, 1998	
Revised By A. Turner & J. Klein	
N.T.S. Number 105 G/9	100 0 100 200 300m SCALE 1 : 5 000
File Name topegrid.dwg	Figure 7.1.1

424 000 E
425 000 E
426 000 E
427 000 E
6 830 000 N
6 829 000 N
6 828 000 N
6 827 000 N
6500 N
6000 N
5500 N
4500 N
BL 5000 N
ROPE
TAG
L 5000 E
L 5100 E
L 5200 E
L 5300 E
L 5400 E
L 5500 E
L 5600 E
L 5700 E
L 5800 E
L 5900 E
L 6000 E
L 6100 E
L 6200 E
L 6300 E
L 6400 E
L 6500 E
L 6600 E
L 6700 E
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L 6900 E
L 7000 E
L 7100 E
L 7200 E
L 7300 E
L 7400 E
RP97-01
RP97-02

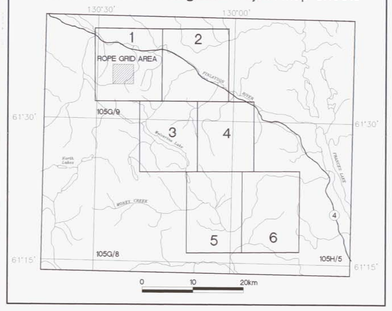
UTM GRID NORTH

N

Location Map
Scale 1 : 15 000 000



Index to Wolverine Regional Project Map Sheets



LEGEND

Geochemical Legend

Au in soil (ppb)

MAX □ 2460

MIN ▫ <5

note: Statistics based upon the entire Wolverine regional geochemical database

Symbols

Lake
Creek
4600 — Topographic Contour (feet)
RP97-01 — Drill Hole

DIAND - YUKON REGION, LIBRARY
093800

	Westmin Resources Limited ATNA Resources Ltd.
Work By D. Terry	Wolverine Regional Project
Date Drafted July 17, 1997	Rope Grid
Drafted By A. Turner	Au in Rock and Soil (in ppb)
Date Revised Jan. 8, 1998	
Revised By A. Turner & J. Klein	
N.T.S. Number 105 G/9	100 0 100 200 300m SCALE 1 : 5 000
File Name topogrid.dwg	Figure 7.1.2

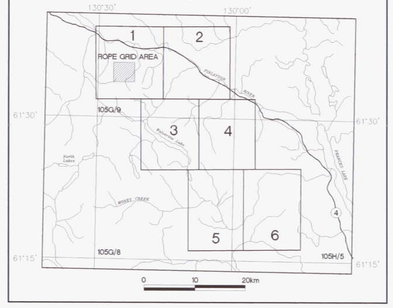
424 000 E
425 000 E
426 000 E
427 000 E
6 830 000 N
6 829 000 N
6 828 000 N
6 827 000 N
6500 N
6000 N
5500 N
4500 N
BL 5000 N
ROPE
TAG
L 5000 E
L 5100 E
L 5200 E
L 5300 E
L 5400 E
L 5500 E
L 5600 E
L 5700 E
L 5800 E
L 5900 E
L 6000 E
L 6100 E
L 6200 E
L 6300 E
L 6400 E
L 6500 E
L 6600 E
L 6700 E
L 6800 E
L 6900 E
L 7000 E
L 7100 E
L 7200 E
L 7300 E
L 7400 E
RP97-01
RP97-02

UTM GRID NORTH

N

Location Map
Scale 1 : 15 000 000
YUKON TERRITORY
Wolverine Regional Project Area

Index to Wolverine Regional Project Map Sheets



LEGEND

Geochemical Legend

Ag in soil (ppm)

MAX □ 5.4

MIN ▫ <0.2

note: Statistics based upon the entire Wolverine regional geochemical database

Symbols

Lake
Creek
4600 Topographic Contour (feet)
RP97-01 – Drill Hole

093800

Dwg 4

Westmin Resources Limited
ATNA Resources Ltd.

Wolverine Regional Project

Rope Grid

Ag in Rock and Soil (in ppm)

Work By	D. Terry
Date Drafted	July 17, 1997
Drafted By	A. Turner
Date Revised	Jan. 8, 1998
Revised By	A. Turner & J. Klee
N.T.S. Number	105 G/9
File Name	ropegrid.dwg

100 0 100 200 300m
SCALE 1 : 5 000

Figure 7.1.3

424 000 E | 425 000 E | 426 000 E | 427 000 E

ROPE | TAG

61 830 000 N | 61 829 000 N | 61 828 000 N | 61 827 000 N

6500 N | 6000 N | 5500 N | 4500 N

BL 5000 N

L 5000 E | L 5100 E | L 5200 E | L 5300 E | L 5400 E | L 5500 E | L 5600 E | L 5700 E | L 5800 E | L 5900 E | L 6000 E | L 6100 E | L 6200 E | L 6300 E | L 6400 E | L 6500 E | L 6600 E | L 6700 E | L 6800 E | L 6900 E | L 7000 E | L 7100 E | L 7200 E | L 7300 E | L 7400 E

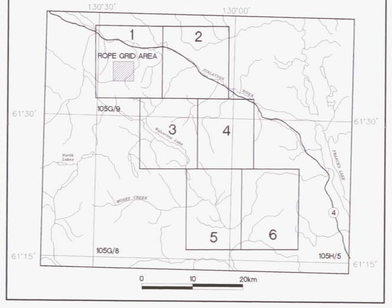
RP97-01

UTM GRID NORTH

Location Map
Scale 1 : 15 000 000



Index to Wolverine Regional Project Map Sheets



LEGEND

Geochemical Legend

Cu in soil (ppm)

MAX 1145

MIN 6

note: Statistics based upon the entire Wolverine regional geochemical database

Symbols

Lake
Creek
4600 Topographic Contour (feet)
RP97-01 – Drill Hole

093800
DIAND - YUKON REGION, LIBRARY
DWG 5

WESTMIN

Westmin Resources Limited
ATNA Resources Ltd.

Wolverine Regional Project

Rope Grid

Cu in Rock and Soil (in ppm)

Work By	D. Terry
Date Drafted	July 17, 1997
Drafted By	A. Turner
Date Revised	Jan. 8, 1998
Revised By	A. Turner & J. Klein
N.T.S. Number	105 G/9
File Name	ropegrid.dwg

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SCALE 1 : 5 000

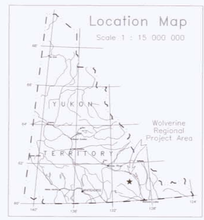
Figure 7.1.4

424 000 E
425 000 E
426 000 E
427 000 E
61 830 000 N
61 829 000 N
61 828 000 N
61 827 000 N
6500 N
6000 N
5500 N
4500 N
BL 5000 N
L 5000 E
L 5100 E
L 5200 E
L 5300 E
L 5400 E
L 5500 E
L 5600 E
L 5700 E
L 5800 E
L 5900 E
L 6000 E
L 6100 E
L 6200 E
L 6300 E
L 6400 E
L 6500 E
L 6600 E
L 6700 E
L 6800 E
L 6900 E
L 7000 E
L 7100 E
L 7200 E
L 7300 E
L 7400 E
ROPE
TAG
RP97-01
RP97-02

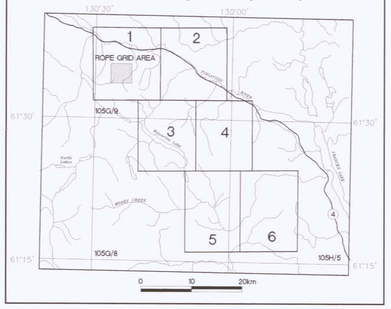
UTM GRID NORTH

N

Location Map
Scale 1 : 15 000 000



Index to Wolverine Regional Project Map Sheets



LEGEND

Geochemical Legend

Pb in soil (ppm)

MAX □ 162

MIN ▫ 1

note: Statistics based upon the entire Wolverine regional geochemical database

Symbols

Lake
Creek
4600 Topographic Contour (feet)
RP97-01 – Drill Hole

093800
DIAND - YUKON REGION. LIBRARY

	Westmin Resources Limited ATNA Resources Ltd.
Work By D. Terry	Wolverine Regional Project
Date Drafted July 17, 1997	Rope Grid
Drafted By A. Turner	Pb in Rock and Soil (in ppm)
Date Revised Nov. 8, 1998	
Revised By A. Turner & J. Klee	
N.T.S. Number 105 G/9	100 0 100 200 300m SCALE 1 : 5 000
File Name ropegrid.dwg	Figure 7.1.5

424 000 E
425 000 E
426 000 E
427 000 E
61 830 000 N
61 829 000 N
61 828 000 N
61 827 000 N
6500 N
6000 N
5500 N
5000 N
4500 N
ROPE
TAG
L 5000 E
L 5100 E
L 5200 E
L 5300 E
L 5400 E
L 5500 E
L 5600 E
L 5700 E
L 5800 E
L 5900 E
L 6000 E
L 6100 E
L 6200 E
L 6300 E
L 6400 E
L 6500 E
L 6600 E
L 6700 E
L 6800 E
L 6900 E
L 7000 E
L 7100 E
L 7200 E
L 7300 E
L 7400 E
BL 5000 N
RP97-01
RP97-02

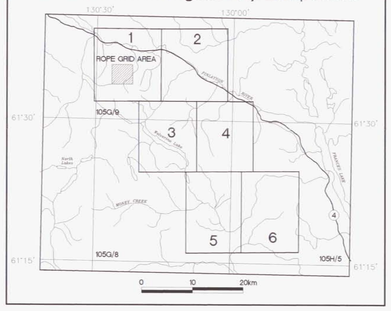
UTM GRID NORTH

N

Location Map
Scale 1 : 15 000 000



Index to Wolverine Regional Project Map Sheets



LEGEND

Geochemical Legend

Zn in soil (ppm)

MAX ☐ 6460

MIN ◦ 26

note: Statistics based upon the entire Wolverine regional geochemical database

Symbols

Lake
Creek
4600 — Topographic Contour (feet)
RP97-01 – Drill Hole

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WESTMIN

Westmin Resources Limited
ATNA Resources Ltd.

Work By	D. Terry
Date Drafted	July 17, 1997
Drafted By	A. Turner
Date Revised	Jan. 8, 1998
Revised By	A. Turner & J. Klee
N.T.S. Number	105 G/9
File Name	ropegrid.dwg

Wolverine Regional Project

Rope Grid

Zn in Rock and Soil (in ppm)

100 0 100 200 300m

SCALE 1 : 5 000

Figure 7.1.6

424 000 E | 425 000 E | 426 000 E | 427 000 E

61 830 000 N | 6500 N | 6000 N | 5500 N | BL 5000 N | 4500 N | 6 828 000 N | 6 827 000 N

ROPE | TAG

L 5000 E | L 5100 E | L 5200 E | L 5300 E | L 5400 E | L 5500 E | L 5600 E | L 5700 E | L 5800 E | L 5900 E | L 6000 E | L 6100 E | L 6200 E | L 6300 E | L 6400 E | L 6500 E | L 6600 E | L 6700 E | L 6800 E | L 6900 E | L 7000 E | L 7100 E | L 7200 E | L 7300 E | L 7400 E

RP97-01

UTM GRID NORTH

N

Location Map
Scale 1 : 15 000 000

Index to Wolverine Regional Project Map Sheets

130°30' | 130°00' | 61°30' | 61°15'

1 | 2 | 3 | 4 | 5 | 6

ROPE GRID AREA

105Q/9 | 105Q/8 | 105H/5

0 10 20km

LEGEND

Geochemical Legend

Ba in soil (ppm)

MAX 8250

MIN 140

note: Statistics based upon the entire Wolverine regional geochemical database

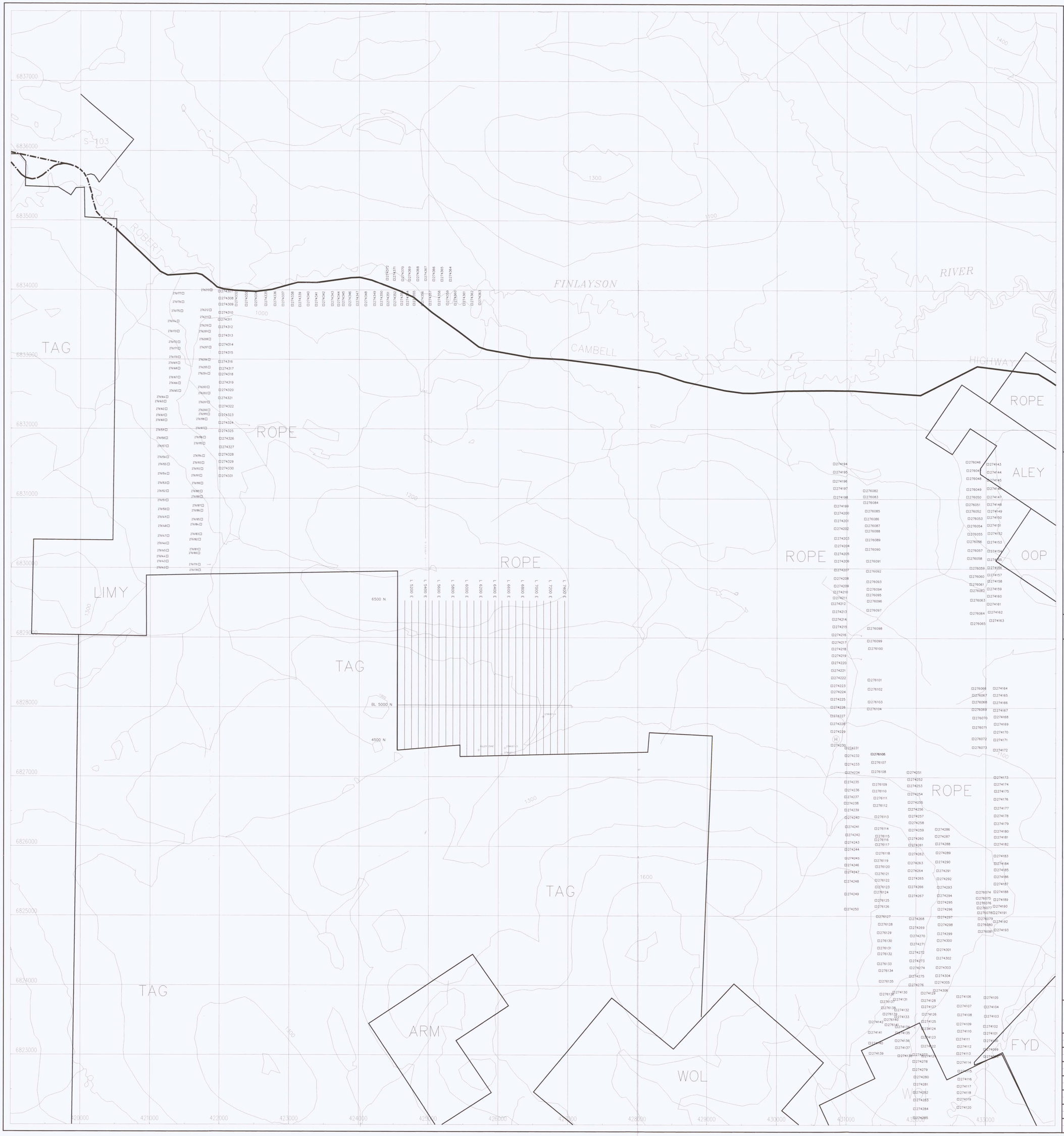
Symbols

Lake
Creek
4600 Topographic Contour (feet)
RP97-01 – Drill Hole

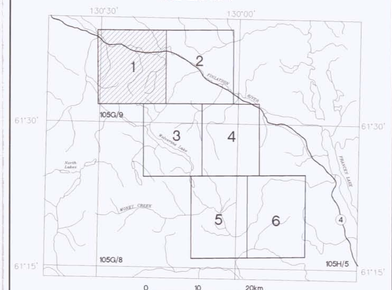
093800

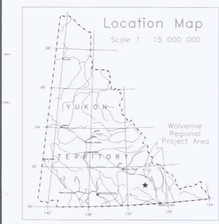
DIAND - YUKON REGION, LIBRARY

WESTMIN	Westmin Resources Limited ATNA Resources Ltd.
Work By T. Terry	Wolverine Regional Project
Date Drafted July 17, 1997	Rope Grid
Drafted By A. Turner	Ba in Rock and Soil (in ppm)
Date Revised Jan. 8, 1998	
Revised By A. Turner & J. Klein	
N.T.S. Number 105 G/9	100 0 100 200 300m SCALE 1 : 5 000
File Name topegrid.dwg	Figure 7.1.7



INDEX MAP





UTM GRID NORTH

N

LEGEND

Symbols

- Lake
- Creek
- 1200 Topographic Contour
- 274164 Soil sample

093800

DIAND - YUKON REGION, LIBRARY

WESTMIN

Westmin Resources Limited
ATNA Resources Ltd.

Wolverine Regional Project

Soil Sample Location Map

ROPE CLAIMS

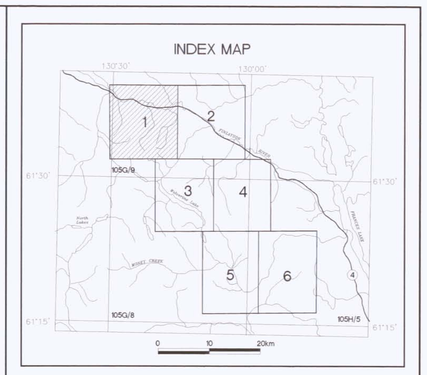
Sheet 1

Work By:	D. Terry
Date Drafted:	Nov. 29, 1996
Drafted By:	J. M. Klein
Date Revised:	Jan. 9, 1998
Revised By:	J. Klein
N.T.S. Number:	105 G/9
File Name:	SHEET_1.dwg

400 0 400 800 1200m

SCALE 1 : 20,000

Figure 7.2.1



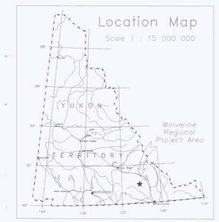
Geochemical Legend

Au in Soil (in ppb)

MAX □ 145

MIN ▫ <5

note: Statistics based upon the entire Wolverine regional geochemical database



UTM GRID NORTH

N

LEGEND

Symbols

Lake

Creek

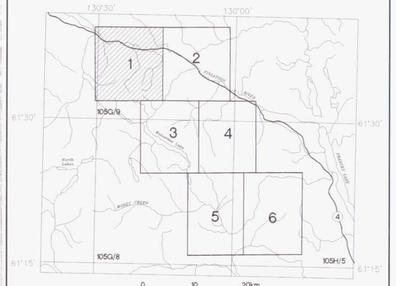
1200 Topographic Contour

093800

DIAND - YUKON REGIONAL LIBRARY

WESTMIN	Westmin Resources Limited ATNA Resources Ltd.
Work By D. Terry	Wolverine Regional Project
Date Drafted Nov. 29, 1996	Au in Soil (in ppb) ROPE CLAIMS Sheet 1
Drafted By J. M. Klein	
Date Revised Jan. 9, 1998	
Revised By J. Klein	
N.T.S. Number 105 G/8	400 0 400 800 1200m SCALE 1 : 20,000
File Name SHEET_1.dwg	Figure 7.2.2

INDEX MAP



Geochemical Legend

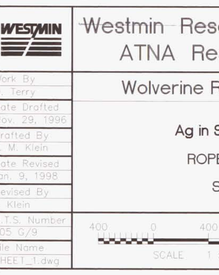
Ag in Soil (in ppm)

MAX □ 1.6

MIN ▫ <0.2

note: Statistics based upon the entire Wolverine regional geochemical database

Location Map
Scale 1 : 15 000 000



UTM GRID NORTH

N

LEGEND

Symbols

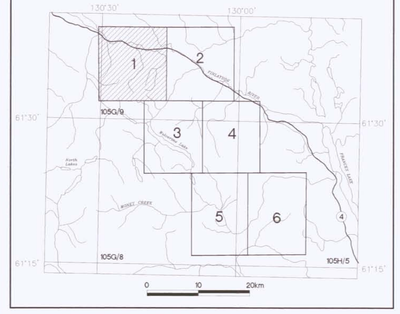
Lake
Creek
1200 Topographic Contour

093800

DIAND - YUKON REGION, LIBRARY

WESTMIN	Westmin Resources Limited ATNA Resources Ltd.
Work By D. Terry	Wolverine Regional Project
Date Drafted Nov. 29, 1996	Ag in Soil (in ppm) ROPE CLAIMS Sheet 1
Drafted By J. M. Klein	
Date Revised Jan. 9, 1998	
Revised By J. Klein	
N.T.S. Number 105 G/9	400 0 400 800 1200m SCALE 1 : 20,000
File Name SHEET1_1.dwg	Figure 7.2.3

INDEX MAP



Geochemical Legend

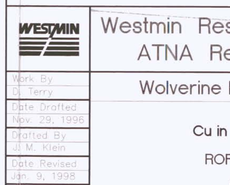
Cu in Soil (in ppm)

MAX □ 440

MIN ▫ 6

note: Statistics based upon the entire Wolverine regional geochemical database

Location Map
Scale 1 : 15 000 000



UTM GRID NORTH

N

LEGEND

Symbols

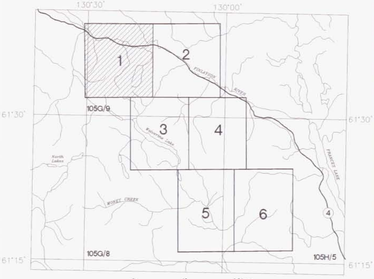
Lake
Creek
1200 Topographic Contour

093800

DIAND - YUKON REGION, LIBRARY

WESTMIN	Westmin Resources Limited ATNA Resources Ltd.
Work By: D. Terry	Wolverine Regional Project
Date Drafted: Nov. 29, 1995	Cu in Soil (in ppm)
Drafted By: J. M. Klein	ROPE CLAIMS
Date Revised: Jan. 9, 1998	Sheet 1
Revised By: J. Klein	
NTS Number: 105 G/9	400 0 400 800 1200m SCALE 1 : 20,000
File Name: SHEET_1.dwg	Figure: 7.2.4

INDEX MAP



Geochemical Legend

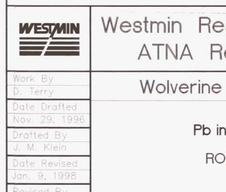
Pb in Soil (in ppm)

MAX □ 30

MIN ▫ <2

note: Statistics based upon the entire Wolverine regional geochemical database

Location Map
Scale 1 : 15 000 000



UTM GRID NORTH

N

LEGEND

Symbols

Lake

Creek

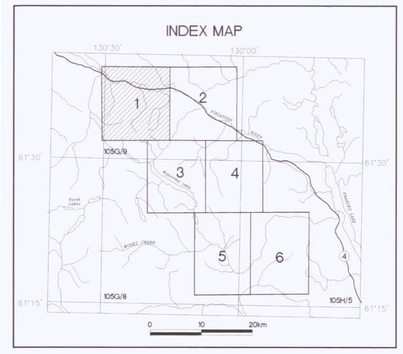
1200 Topographic Contour

093800

DIAND - YUKON REGION, LIBRARY

Dwg 13

WESTMIN	Westmin Resources Limited ATNA Resources Ltd.
Work By: P. Terry	Wolverine Regional Project
Date Drafted: Nov. 29, 1996	Pb in Soil (in ppm)
Drafted By: J. M. Klein	ROPE CLAIMS
Date Revised: Jan. 9, 1998	Sheet 1
Revised By: J. Klein	
N.T.S. Number: 105 G/9	400 0 400 800 1200m SCALE 1 : 20,000
File Name: SHEET_1.dwg	Figure: 7.2.5



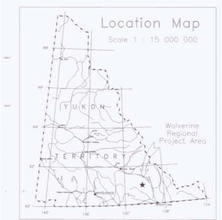
Geochemical Legend

Zn in Soil (in ppm)

MAX 304

MIN 12

note: Statistics based upon the entire Wolverine regional geochemical database



UTM GRID NORTH

N

LEGEND

Symbols

Lake

Creek

1200 Topographic Contour

093800

DIAND - YUKON REGION, LIBRARY

WESTMIN

Westmin Resources Limited
ATNA Resources Ltd.

Wolverine Regional Project

Zn in Soil (in ppm)

ROPE CLAIMS

Sheet 1

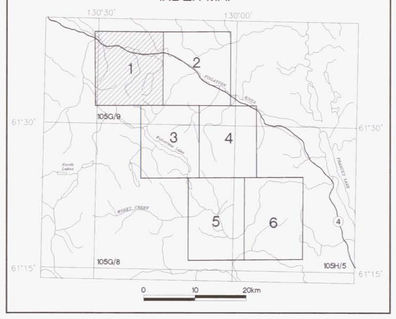
Work By	D. Terry
Date Drafted	Nov. 29, 1995
Drafted By	J. M. Klein
Date Revised	Jan. 9, 1998
Revised By	J. Klein
N.T.S. Number	105 G/9
File Name	SHEET_1.dwg

400 0 400 800 1200m

SCALE 1 : 20,000

Figure 7.2.6

INDEX MAP



Geochemical Legend

Ba in Soil (in ppm)

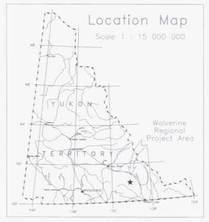
MAX 2380

MIN 200

note: Statistics based upon the entire Wolverine regional geochemical database

Location Map

Scale 1 : 15 000 000



UTM GRID NORTH

N

LEGEND

Symbols

Lake

Creek

1200 Topographic Contour

093800

DIAND - YUKON REGION, LIBRARY

DWH 15

WESTMIN	Westmin Resources Limited ATNA Resources Ltd.
Work By: D. Terry	Wolverine Regional Project
Date Drafted: Nov. 29, 1996	Ba in Soil (in ppm)
Drafted By: J. M. Klein	ROPE CLAIMS
Date Revised: Jan. 9, 1998	Sheet 1
Revised By: J. Klein	
N.T.S. Number: 105 G/9	400 0 400 800 1200m SCALE 1 : 20,000
File Name: SHEET_1.dwg	Figure: 7.2.7

QUEST

BEAR

FIN

S-23

LAY

LAY

LAY

1200

1000

1000

FINLAYSON

ROPE

ROBERT

ALEY

OOP

OOP

1100

S-175

S-77

s-272

I.R.

RIVER

CAMPBELL

1200

1000

ROPE

FYD

1200

1500

S-19

I.R.

HIGHWAY

1200

FYD

WOL

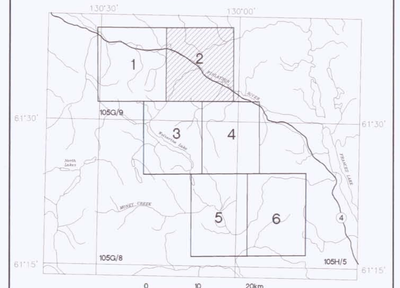
FOOT

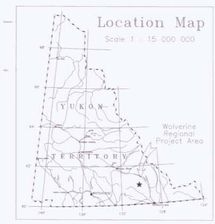
I.R.

433000 434000 435000 436000 437000 438000 439000 440000 441000 442000 443000 444000 445000 446000

6837000 6836000 6835000 6834000 6833000 6832000 6831000 6830000 6829000 6828000 6827000 6826000 6825000 6824000 6823000

INDEX MAP





UTM GRID NORTH

N

LEGEND

Symbols

Lake
Creek
1200 Topographic Contours (100m intervals)
Road : Robert Campbell Highway

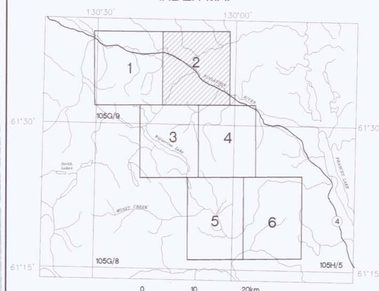
093800

DIAND - YUKON REGION, LIBRARY

WESTMIN	Westmin Resources Limited ATNA Resources Ltd.
Work By: G. Terry	Wolverine Regional Project
Date Drafted: Nov. 29, 1996	Soil Sample Location Map
Drafted By: J.M. Klein	ROPE CLAIMS
Date Revised: Jan. 23, 1997	Sheet 2
Revised By: A. Turner	
N.T.S. Number: 105 G/9	400 0 400 800 1200m SCALE 1 : 20,000
File Name: SHEET_2.dwg	Figure: 7.3.1



INDEX MAP



Geochemical Legend

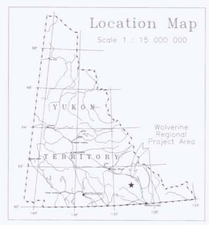
Au in Soil (in ppb)

MAX □ 145

MIN ▫ <5

note: Statistics based upon the entire Wolverine regional geochemical database

UTM GRID NORTH



LEGEND

Symbols

Lake

Creek

1200 Topographic Contours (100m intervals)

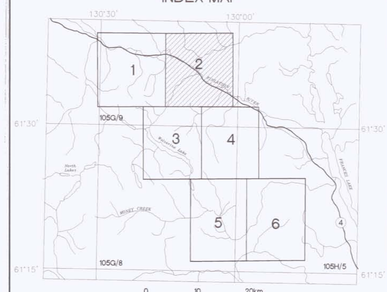
Road : Robert Campbell Highway

093800

DIAND - YUKON REGION, LIBRARY

WESTMIN	Westmin Resources Limited ATNA Resources Ltd.
Work By: D. Terry	Wolverine Regional Project
Date Drafted: Nov. 29, 1995	Au in Soil (in ppb)
Drafted By: J.M. Klein	ROPE CLAIMS
Date Revised: Jan. 23, 1997	Sheet 2
Revised By: A. Turner	
N.T.S. Number: 105 G/9	400 0 400 800 1200m SCALE 1 : 20,000
File Name: SHEET 2.dwg	Figure: 7.3.2

INDEX MAP



Geochemical Legend

Ag in Soil (in ppm)

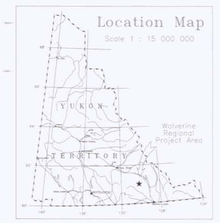
MAX □ 1.6

MIN ▫ <0.2

note: Statistics based upon the entire Wolverine regional geochemical database

UTM GRID NORTH

Location Map
Scale 1 : 15 000 000



N

LEGEND

Symbols

Lake
Creek
1200 Topographic Contours (100m intervals)
Road : Robert Campbell Highway

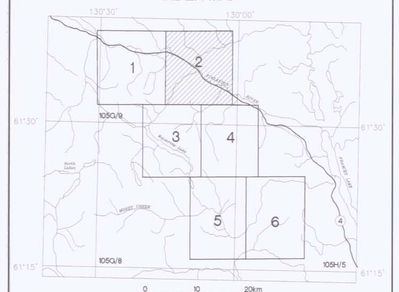
093800

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WESTMIN	Westmin Resources Limited ATNA Resources Ltd.
Work By D. Terry	Wolverine Regional Project
Date Drafted Nov. 29, 1996	Ag in Soil (in ppm)
Drafted By M. Klein	ROPE CLAIMS
Date Revised Jan. 23, 1997	Sheet 2
Revised By A. Turner	
N.T.S. Number 105 G/9	400 0 400 800 1200m SCALE 1 : 20,000
File Name SHEET_2.dwg	Figure 7.3.3



INDEX MAP



Geochemical Legend

Cu in Soil (in ppm)

MAX □ 440

MIN ▫ 6

note: Statistics based upon the entire Wolverine regional geochemical database

Location Map

Scale 1 : 15 000 000



UTM GRID NORTH

N

LEGEND

Symbols

Lake

Creek

1200 Topographic Contours (100m Intervals)

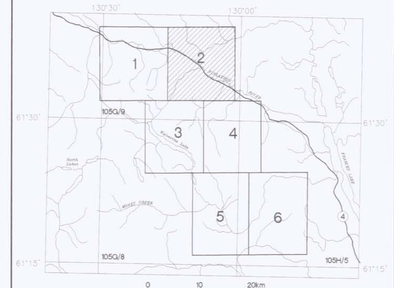
Ross - Robert Campbell Highway

093800

DIAND - YUKON REGION, LIBRARY

WESTMIN	Westmin Resources Limited ATNA Resources Ltd.
Work By: D. Terry	Wolverine Regional Project
Date Drafted: Nov. 29, 1995	Cu in Soil (in ppm)
Drafted By: J.M. Klein	ROPE CLAIMS
Date Revised: Jan. 23, 1997	Sheet 2
Revised By: A. Turner	
N.T.S. Number: 105 G/9	400 0 400 800 1200m SCALE 1 : 20,000
File Name: SHEET_2.dwg	Figure: 7.3.4

INDEX MAP



Geochemical Legend

Pb in Soil (in ppm)

MAX □ 30

MIN ▫ <2

note: Statistics based upon the entire Wolverine regional geochemical database

UTM GRID NORTH





LEGEND

Symbols

Lake

Creek

1200 Topographic Contours (100m intervals)

Road : Robert Campbell Highway

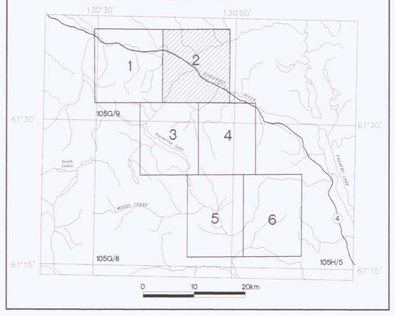
093800

DIAND - YUKON REGION, LIBRARY

WESTMIN	Westmin Resources Limited ATNA Resources Ltd.
Work By: D. Terry	Wolverine Regional Project
Date Drafted: Nov. 29, 1995	Pb in Soil (in ppm)
Drafted By: I.M. Klein	ROPE CLAIMS
Date Revised: Jan. 23, 1997	Sheet 2
Revised By: A. Turner	
N.T.S. Number: 105 G/9	400 0 400 800 1200m
File Name: SHEET_2.dwg	SCALE 1 : 20,000
	Figure: 7.3.5



INDEX MAP



Geochemical Legend

Zn in Soil (in ppm)

MAX □ 304

MIN ▫ 12

note: Statistics based upon the entire Wolverine regional geochemical database

UTM GRID NORTH

Location Map
Scale 1 : 15 000 000



N

LEGEND

Symbols

Lake
Creek
1200 Topographic Contours (100m intervals)
Road : Robert Campbell Highway

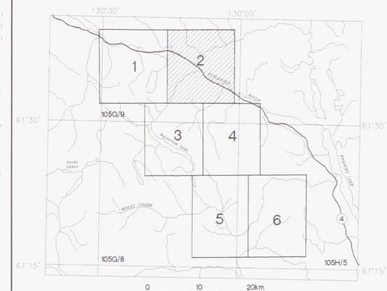
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Dwn 21

WESTMIN	Westmin Resources Limited ATNA Resources Ltd.
Work By T. Terry	Wolverine Regional Project
Date Drafted Nov. 29, 1996	Zn in Soil (in ppm)
Drafted By M. Klein	ROPE CLAIMS
Date Revised Jan. 23, 1997	Sheet 2
Revised By A. Turner	
N.T.S. Number 105 G/9	400 0 400 800 1200m SCALE 1 : 20,000
File Name SHEET_2.dwg	Figure 7.3.6

INDEX MAP



Geochemical Legend

Ba in Soil (in ppm)

MAX □ 2380

MIN ▫ 200

note: Statistics based upon the entire Wolverine regional geochemical database

UTM GRID NORTH

Location Map
Scale 1 : 15 000 000



N

LEGEND

Symbols

Lake

Creek

1200 Topographic Contours (100m intervals)

Road : Robert Campbell Highway

093800

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Dwn 22

WESTMIN	Westmin Resources Limited ATNA Resources Ltd.
Work By T. Terry	Wolverine Regional Project
Date Drafted Nov. 26, 1996	Ba in Soil (in ppm)
Drafted By M. Klein	ROPE CLAIMS
Date Revised Jan. 23, 1997	Sheet 2
Revised By A. Turner	
N.T.S. Number 105 G/9	400 0 400 800 1200m SCALE 1 : 20,000
File Name SHEET_2.dwg	Figure 7.3.7

250 mE | 300 mE | 350 mE | 400 mE | 450 mE | 500 mE | 550 mE | 600 mE

1300 mN

1250 mN

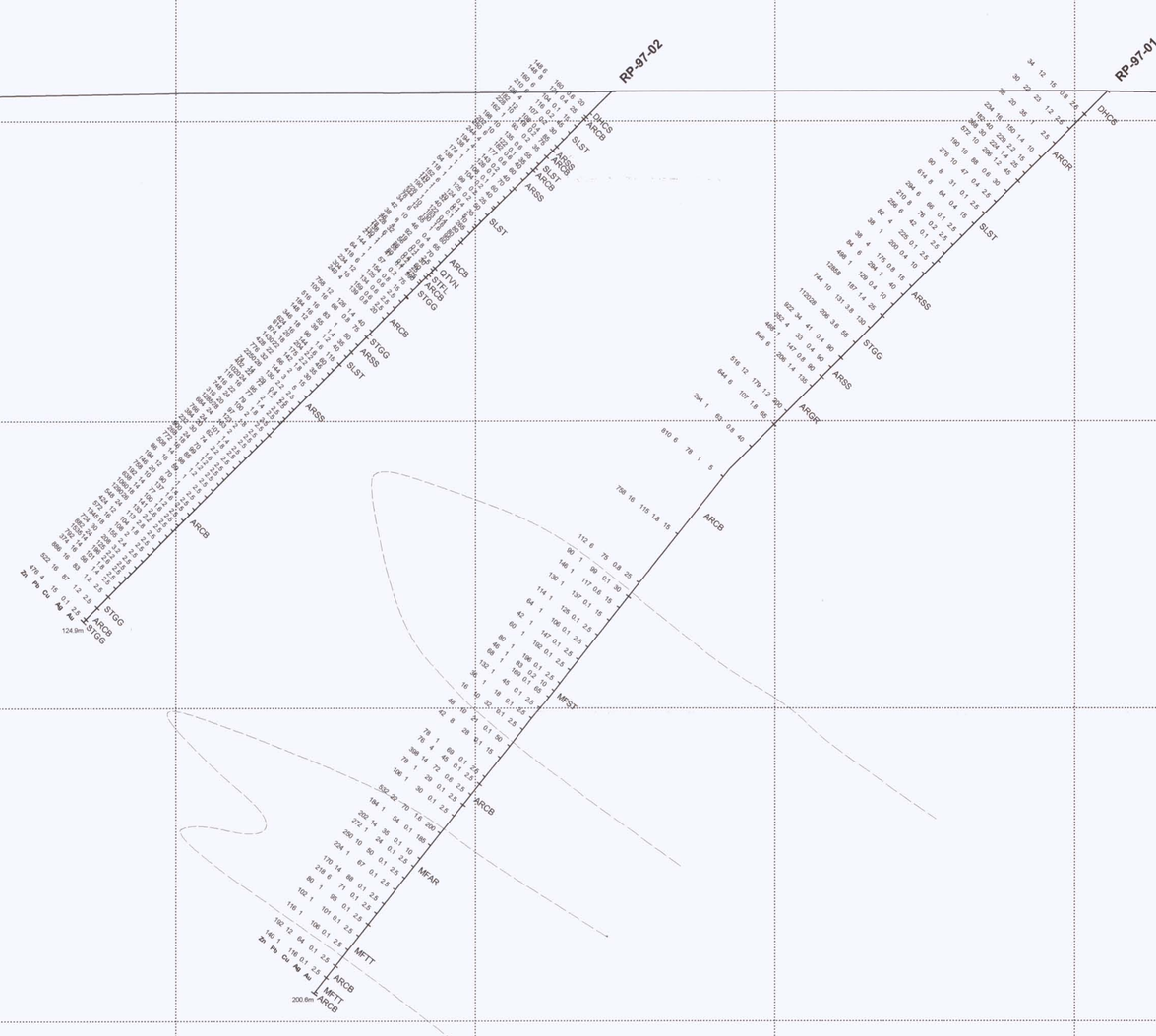
1200 mN

1150 mN

1100 mN

1050 mN

1000 mN



300 mE | 350 mE | 400 mE | 450 mE

WESTMIN

WESTMIN RESOURCES LIMITED
ATNA RESOURCES LTD.

105G/9

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Date: 16/02/98

Author: D.A. Terry

Office: Vancouver

Drawing: RP_1.WOR

Scale: 1:500

FIGURE 8.1
DRILL HOLE SECTION FOR
RP97-01 and RP97-02
ROPE PROPERTY
LOOKING WEST-NORTHWEST

093800

Projection: UTM NAD 84 ZONE 9

Date (23)