TUCHITUA PROJECT

1997 ASSESSMENT REPORT

DESCRIBING GEOLOGICAL AND GEOCHEMICAL SURVEYS CARRIED OUT ON THE TACK 1 TO 550 CLAIMS, FINLAYSON LAKE AREA, YUKON TERRITORY

DATES WORKED: 26/07/97 – 21/09/97

NTS 105H/4, 5
61°15'N/129°45'W
Watson Lake Mining Division

093799

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.
David Gale, M.Sc.
Norman A. Duke, Ph.D.

January, 1998

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 54,150 .

M. Burke

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

TABLE OF CONTENTS

1.0	INTRODUCTION	6
2.0	LOCATION, ACCESS, AND PHYSIOGRAPHY	6
3.0	LIST OF CLAIMS AND OWNERSHIP	8
4.0	PREVIOUS WORK	8
5.0	REGIONAL GEOLOGY	8
6.0	PROPERTY GEOLOGY	14
6.1	Structure	16
6.2	Rock Geochemistry	17
7.0	SOIL GEOCHEMISTRY	17
8.0	CONCLUSIONS AND RECOMMENDATIONS	18
	REFERENCES	20
	APPENDIX	

LIST OF TABLES

7.1	Soil Geochemistry Statistics	18

LIST OF FIGURES

2.1	Property Location Sketch	7
3.1	Claim Location Sketch	9
3.2	Claim Map - Northern TACK (1:20 000)	Appendix G
3.3	Claim Map - Southern TACK (1:20 000	Appendix G
5.1	Tectonic Setting Map	11
5.2	Regional Geology Map	13
6.1	Property Geology - Northern TACK (1:20 000)	Appendix G
6.2	Property Geology - Southern TACK (1:20 000)	Appendix G
6.3	Soil Sample Location Map (1:20 000)	Appendix G
6.4	Au in Rock and Soil, TACK claims - Northern TACK (1:20 000)	Appendix G
6.5	Ag in Rock and Soil, TACK claims - Northern TACK (1:20 000)	Appendix G
6.6	Cu in Rock and Soil, TACK claims - Northern TACK (1:20 000)	Appendix G
6.7	Pb in Rock and Soil, TACK claims - Northern TACK (1:20 000)	Appendix G
6.8	Zn in Rock and Soil, TACK claims - Northern TACK (1:20 000)	Appendix G
6.9	Ba in Rock and Soil, TACK claims - Northern TACK (1:20 000)	Appendix G
6.10	Au in Rock and Soil, TACK claims - Southern TACK (1:20 000)	Appendix G
6.11	Ag in Rock and Soil, TACK claims - Southern TACK (1:20 000)	Appendix G
6.12	Cu in Rock and Soil, TACK claims - Southern TACK (1:20 000)	Appendix G
6.13	Pb in Rock and Soil, TACK claims - Southern TACK (1:20 000)	Appendix G
6.14	Zn in Rock and Soil, TACK claims - Southern TACK (1:20 000)	Appendix G
6.15	Ba in Rock and Soil, TACK claims - Southern TACK (1:20 000)	Appendix G

APPENDICIES

A	Statement of Expenditures
B	List of Claims
C	List of Personnel
D	Geologists Certificates
E	Rock Sample Descriptions
F	Assay Certificates
G	Oversize Figures

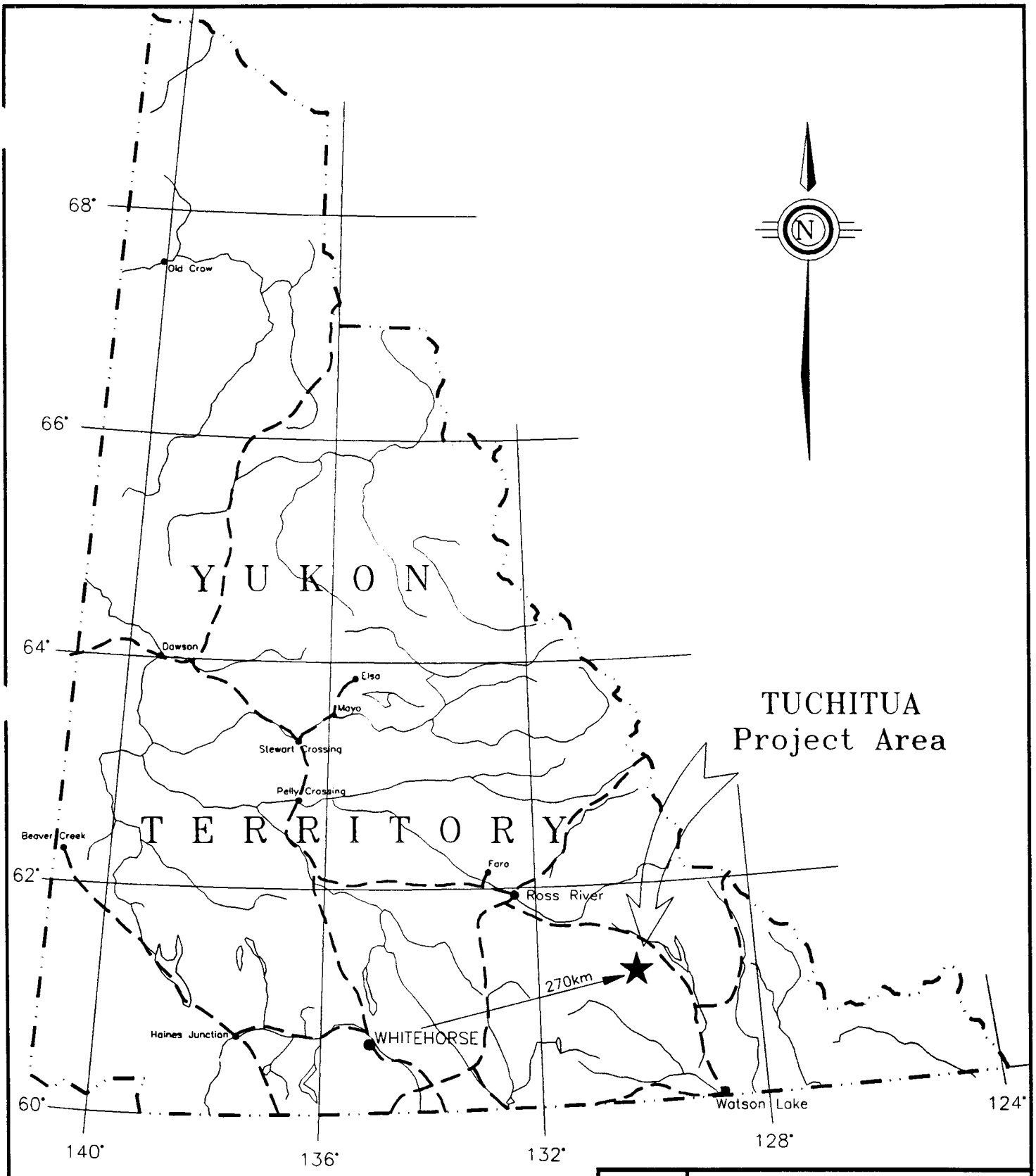
1.0 INTRODUCTION

The Tuchitua project encompasses part of the HANG claim block and all of the TACK claim block. The HANG claim portion of the Tuchitua project area was covered by an airborne geophysical survey during late 1995, carried out by Dighem of Mississauga, Ontario. The 1996 field program comprised regional soil sampling along claim lines, silt and rock sampling, and geologic mapping. Most of this geologic work was concentrated in the northern HANG claims due to budgetary constraints. The 1997 exploration program was designed specifically to determine the mineral potential of the southern TACK claims. This was accomplished by regional mapping (1:10,000) and sampling traverses, and a series of contour soil lines. All rock soil and silt samples were analyzed by Chemex Labs of North Vancouver, B.C. Exploration work was supervised by David A. Terry and was carried out by Westmin Resources Limited field personnel.

2.0 LOCATION, ACCESS, AND PHYSIOGRAPHY

The claim area is located 165 km southeast of the village of Ross River and 50 km northwest of Watson Lake in the southeastern Yukon (Figure 2.1). The claims are centered about 61°15'N and 129°45'W and cover portions of the NTS map sheets 105H/4,5. Access to the property is by helicopter which can be chartered in either Ross River or Watson Lake. The Robert Campbell Highway runs between Ross River and Watson Lake and is approximately 5 km east of the eastern HANG claim boundary. A tractor trail accesses the southeastern portion of the HANG claims from the Robert Campbell Highway.

The Tuchitua Project area lies 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. In the project area elevations range



WESTMIN	WESTMIN RESOURCES LIMITED
Work By: Westmin	TUCHITUA PROJECT
Date Drafted: Nov. 24, 1996	Property Location Sketch
Drafted By: A. Turner	
N.T.S. Number	50 0 50 100 150km
File Name: Fig2-1.dwg	Scale 1 : 2 500 000
	Figure 2.1

from 1200 meters to 1900 meters above sea level. The Campbell Range is bounded on the northeast by the Yukon Plateau. 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 and drainages occupying the valleys commonly originate in cirque valleys. Wide valleys are commonly infilled with glaciofluvial 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

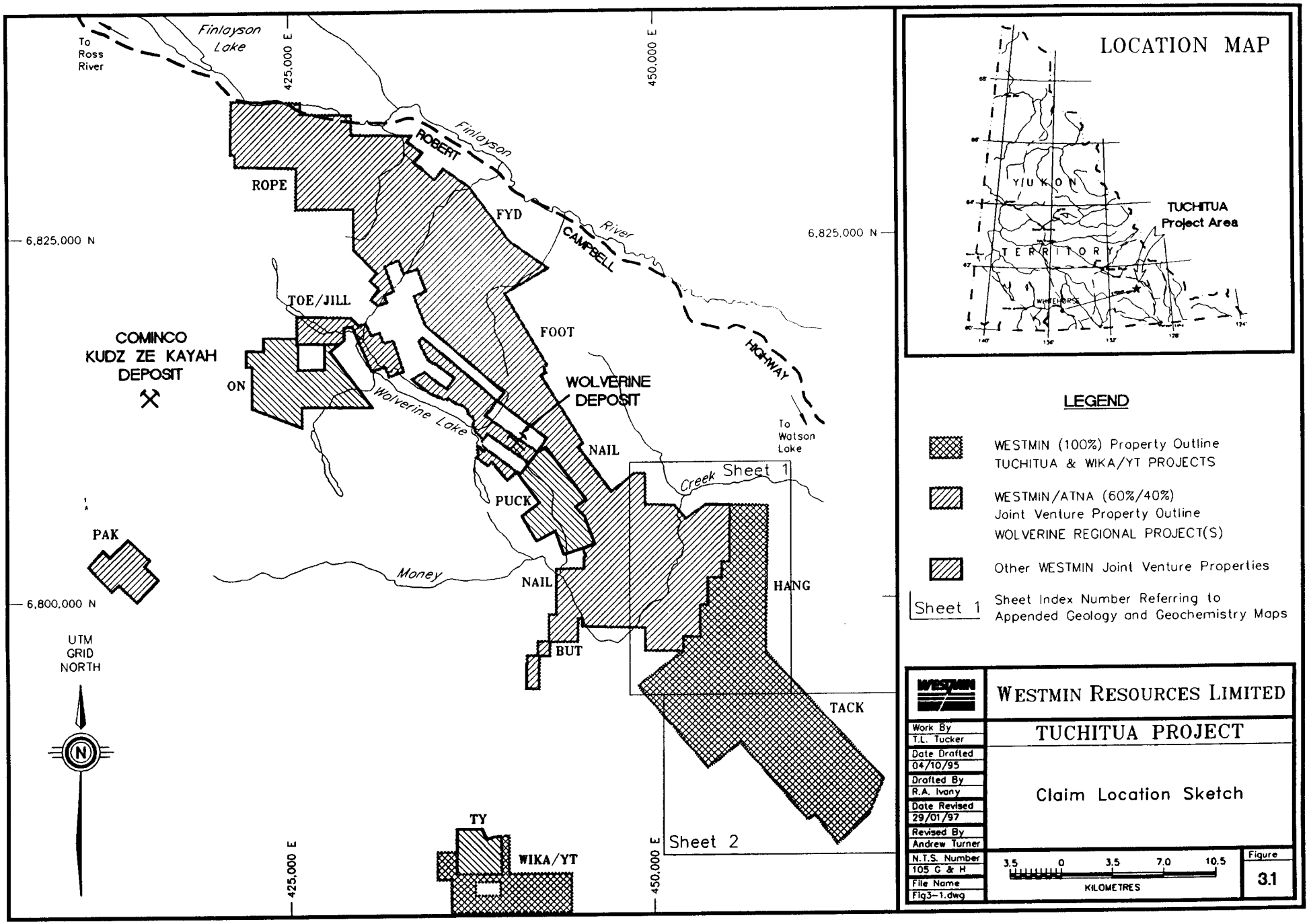
Claim names, record numbers, record dates, and expiry dates for the claims covered in this report are given in Appendix B. The location of the claim area is shown on Figure 3.1 and the specific claim locations are depicted on Figures 3.2 and 3.3. The claims are 100% held by Westmin Resources Limited of Vancouver, B.C..

4.0 PREVIOUS WORK

Very limited mineral exploratory work is known to have been carried out in the area covered by this report. Aside from government mapping, geochemical and geophysical surveys, no work occurred in the area prior to several reconnaissance mapping and sampling traverses and regional soil and silt sampling surveys carried out by Westmin Resources Limited in 1996 (Terry et al., 1997).

5.0 REGIONAL GEOLOGY

The property is located within a portion of southeastern Yukon known as the Finlayson Lake belt, an elongate composite body bounded on the southwest



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

TUCHITUA PROJECT

Claim Location Sketch

Work By	T.L. Tucker
Date Drafted	04/10/95
Drafted By	R.A. Ivany
Date Revised	29/01/97
Revised By	Andrew Turner
N.T.S. Number	105 G & H
File Name	Fig3-1.dwg

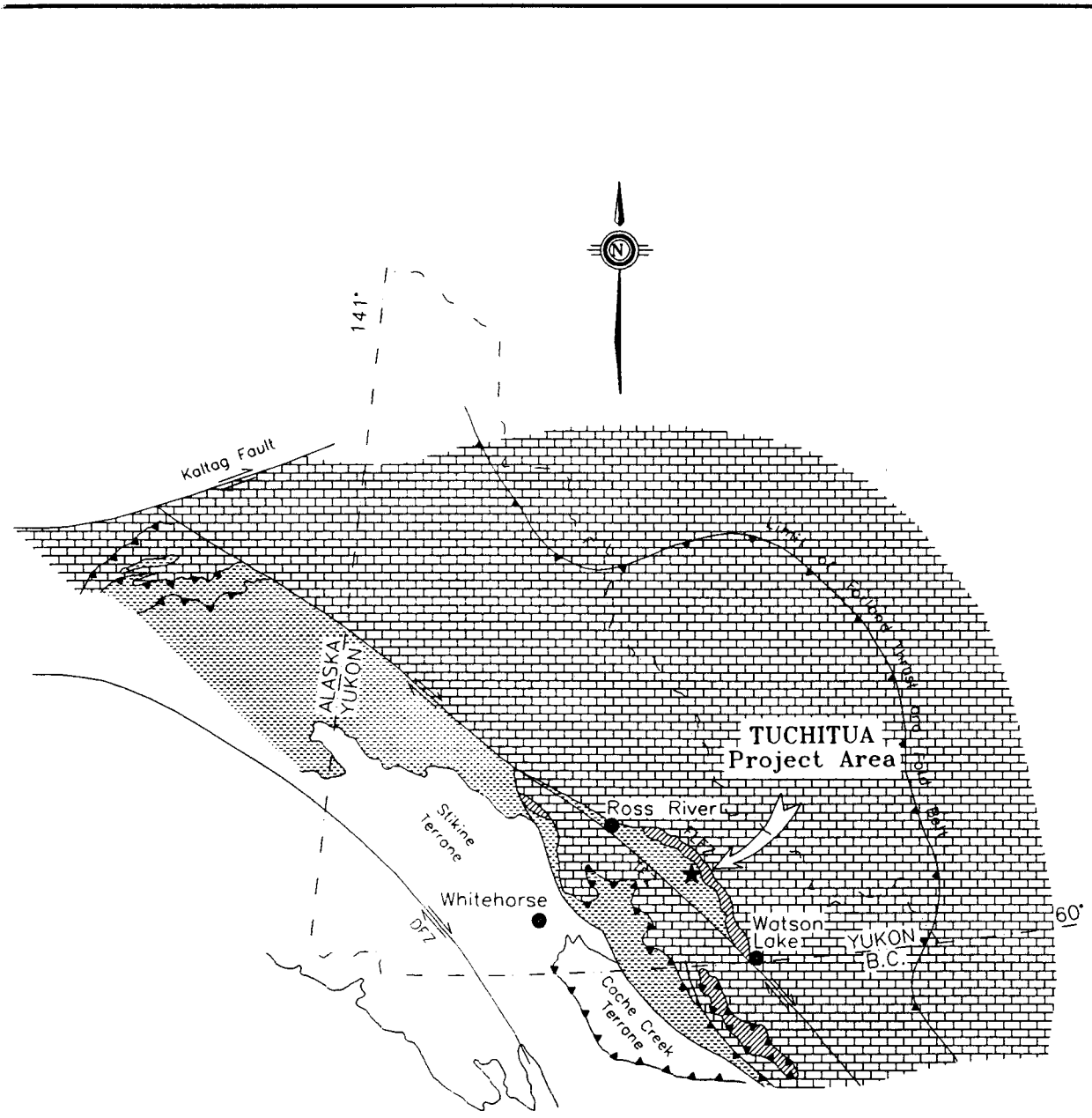
3.5 0 3.5 7.0 10.5
KILOMETRES

Figure 3.1

by the Tintina Fault Zone and on the northeast by the Finlayson Lake Fault Zone (Figure 5.1). The Tintina Fault Zone is a major transcurrent structure along which 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



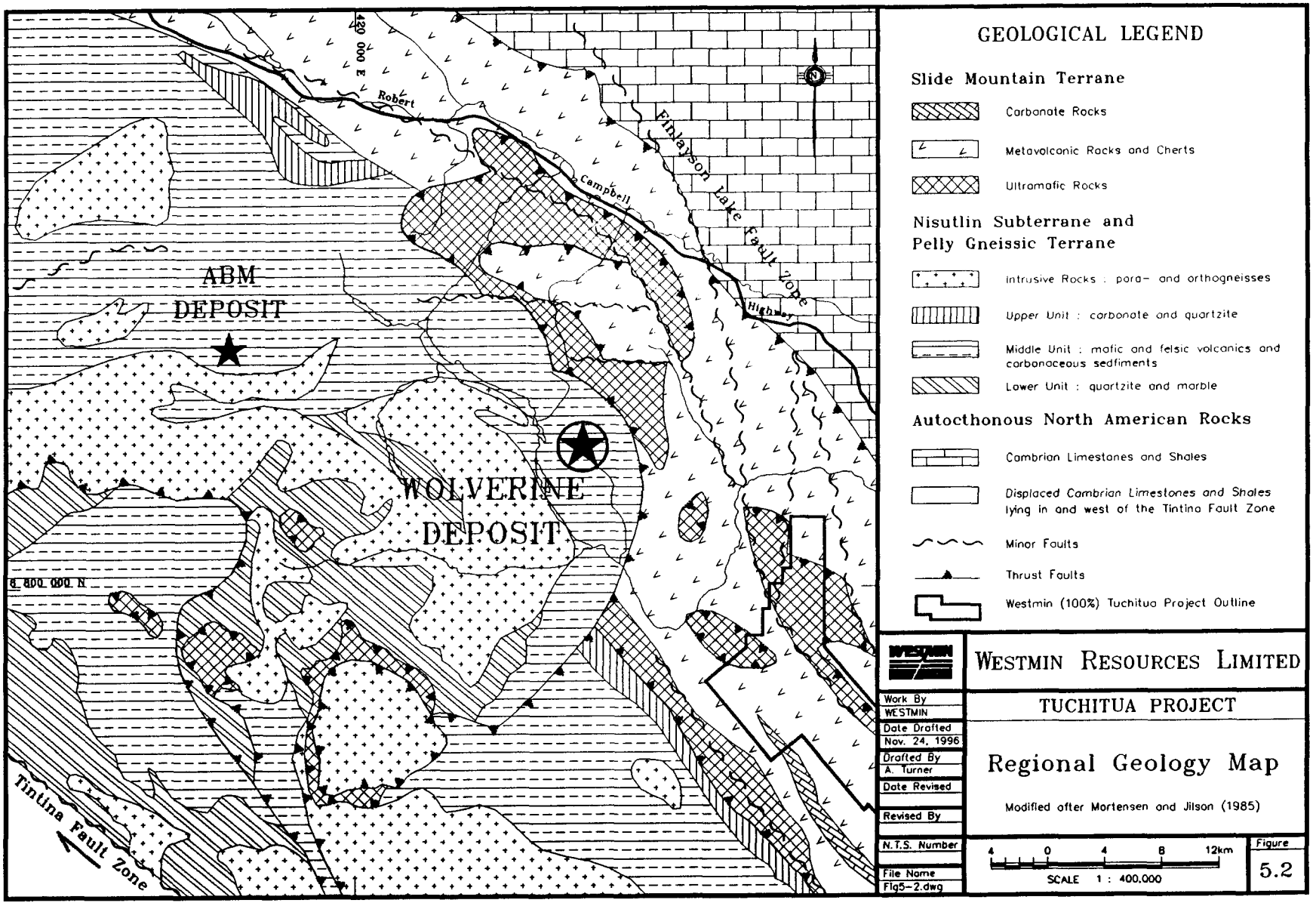
LEGEND

- 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	WESTMIN RESOURCES LIMITED
Work By	TUCHITUA PROJECT
Date Drafted: Nov. 24, 1996	Tectonic Setting
Drafted By: A.T. & J.K.	after Mortensen and Jilson (1985)
N.T.S. Number	50 0 50 100 150km
File Name: Fig5-1.dwg	Scale 1 : 5 000 000
	Figure 5.1

(1985) have subdivided the YTT in the Finlayson Lake Belt into six major lithologic packages: 1) a sequence of layered metasedimentary 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 5.2). 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 allochthon 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


420 000 E
Robert
Campbell
Finlayson Lake Fault Zone
Highway
ABM
DEPOSIT
WOLVERINE
DEPOSIT
6 800 000 N
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 sedfiments
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 (100%) Tuchitua Project Outline
WESTMIN RESOURCES LIMITED
TUCHITUA 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
Fig5-2.dwg
4 0 4 8 12km
SCALE 1 : 400,000
Figure
5.2

(Mortensen, 1996 personal communication). The ophiolitic package is 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 metasedimentary rocks 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 metasedimentary rocks and/or felsic metavolcanic rocks.

6.0 PROPERTY GEOLOGY

During the period between July 19 and Sept 21, 1997 a program of geological mapping and prospecting traverses was carried out over the project area covered in this report. Efforts were made to traverse across stratigraphy where possible and to select traverses where the most outcrop could be examined. The abundance of outcrop varied considerably throughout the property and covers rather steep mountainous areas and till-covered areas with very little vertical relief. Most of the mapping was carried out using 1:10 000 scale topographic maps for plotting and location purposes. Brunton compasses and altimeters were used to aid mappers in locating themselves on the topographic map. Since outcrop was poor in many of the areas, inferred lithologic contacts shown on the geology map were in part interpreted from field relations. Some of the major east to northeasterly trending structures which cross-cut the stratigraphy were interpreted from LANDSAT images. In some cases evidence of significant faulting was also observed on the ground.

All geologic mapping during the 1997 exploration program focused on the central and southern portions of the TACK Claims (Fig 6.2). In this area, the

rocks are divided into two main packages based on the presence of quartz and/or feldspar crystals within sedimentary lithologies. This reflects the respective sedimentary source areas and enables the rocks to be tentatively separated into those of either Anvil Allochthon (AA) or Yukon-Tanana terrane (YTT) affinity. The occurrence of crystals is interpreted to reflect a sedimentary source area that was dominated by the Paleozoic-aged, coarse grained felsic intrusives (i.e. Simpson range plutonic suite) and button schists of the YTT.

There is a continuous serpentinite +/- peridotite unit extending northwest-southeast throughout the TACK Claims (Fig. 6.2). It has an apparent thickness of 300 to 1000 metres and a brown to dark greenish-blue colour in outcrop. It characteristically consists entirely of serpentine, presumably altered from peridotite. In rare locations where original textures are preserved, coarse grained olivine is observed. This unit is interpreted as a marker horizon, and separates rocks of AA affinity, cropping out the northeast (including serpentinite), from rocks of YTT affinity located to the southwest. To the northeast of the serpentinite unit there is a marine sequence consisting of magnetite marl and multiple layers of light gray to green chert with interbedded chert conglomerate, grits and black siliceous to carbonaceous argillites (Fig 6.2). Grey, laminated limestone, recrystallized to marble, and basaltic massive to pillowed flows are also observed.

To the southwest of the serpentinite unit, the rocks comprise an extensive package of blue-green to grey cherts and chert conglomerates that are interlayered with siliciclastic quartz-eye and feldspar bearing grits and argillites. Basaltic to andesitic volcanics and medium grained gabbroic intrusions also occur within the cherty rocks. There are also 10-50 metre thick units of greyish-white, reefal limestone that is recrystallized to marble and contains reworked crinoid stems.

The level of metamorphism is lower greenschist facies. This is observed within the mafic volcanic units where a weakly developed phyllitic to schistose fabric is developed.

Alteration or mineralization is rarely observed on the TACK property. A gossan is developed within greyish-green cherts from the southeastern TACK property (sample 271222, Fig. 6.2). There is 1-2 % pyrite within the gossanous zone. A second sample, DTTK97-06, contains trace chalcopyrite and pyrite within a mafic volcanic rock (Fig. 6.2). No other alteration or mineralization was observed on the property.

6.1 STRUCTURE

On the map scale, primary bedding has a northwest trend (Fig 6.2). At the outcrop scale, S_o is rarely observed, and is quite variable, striking either north or south and dipping shallowly to the east or west. An S_1 foliation, typically preserved in the argillites and volcanic rocks, has a large variation in strike and dip throughout the property (Fig. 6.2). There is a weakly developed L_1 lineation defined by a rodding of the S_1 fabric. There was no folding observed on the TACK property. A single fault was inferred to exist in the southeastern region of the TACK property based on inconsistent bedding orientations (Fig. 6.2).

A thrust fault is inferred to exist along the southern contact of the serpentinite unit. In the southeastern region of the property, a tectonic melange zone containing multiple fabrics was observed along the southwestern contact of this ultramafic unit. This thrust fault is suggested to separate rocks of Anvil Allochthon affinity (to the northeast) from rocks of the Yukon-Tanana terrane (to the southwest).

6.2 ROCK GEOCHEMSITRY

Figures 6.9 to 6.14 show the results for gold, silver, copper, lead, zinc and barium from 32 rock samples collected during the 1997 exploration season. The rocks were submitted to Chemex Labs in North Vancouver, B.C. to be analysed for 32 elements by ICP-AES, gold by fire assay-atomic absorption and whole rock analysis. Complete results can be found in Appendix F.

In the southern region, none of the samples contained anomalous precious or base metal values. A maximum copper value of 144 ppm was obtained from a black, fine grained argillite adjacent to the serpentinite body (Fig. 6.12). The highest lead value was 18 ppm (Fig. 6.13), while the greatest zinc value was 124 ppm (Fig. 6.14) from a chlorite schist interpreted as a mafic volcanic. Barium values average 640 ppm on the property (Fig. 6.15).

7.0 SOIL GEOCHEMISTRY

During the 1997 program contour soil sampling was done over most of the TACK property. The B-horizon soils were collected 50 metres apart and were labelled with the year, the samplers initials and the sample number (e.g. 97JT001) or numbered sample tags (e.g 274655). Figure 6.3 shows the locations of all soil samples and Table 7.1 summarises the statistical information for the 1183 contour samples.

Samples of B-horizon material were taken in all instances except were soil development was poor. In these instances, samples comprised talus fines or other C-horizon type material. 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 32 elements using ICP-AES and Au by fire assay-atomic absorption. The results are found in Appendix F.

A single sample from the western portion of the central TACK property returned a value of 125 ppb Au and a second sample from the eastern TACK property ran 90 ppb; the remainder of the soil samples returned low Au values (Fig. 6.4, 6.10). Only one Ag anomaly, 18 ppm, occurs on the central TACK property (6.11). An area of anomalous Cu occurs on the northern TACK property (up to 195 ppm; Fig. 6.6, 6.12). To the southeast, scattered high Cu values range up to 183 ppm.

Table 7.1 Soil Geochemistry Statistics

	Au (ppb)	Ag (ppm	Cu ppm	Pb ppm	Zn ppm	Ba ppm
Minimum	2.5	0.1	5	1	12	110
Maximum	125	18	195	1600	1125	7470
Average	3.4	0.2	33.6	11.9	81.1	1147.0
95th	5	0.4	83	24	140	2355
90th	2.5	0.1	62	18	116	1780
80th	2.5	0.1	47	14	96	1340
75th	2.5	0.1	41.5	12	91	1230
50th	2.5	0.1	25	10	72	960
10th	2.5	0.1	15	2	48	690

An isolated Pb anomaly, 1600 ppm, occurs in the center of the TACK property (6.7, 6.13). Zn values reach a maximum of 1125 ppm in the southern portion of the property (Fig. 6.8, 6.14). Ba values were generally low and no anomalies were detected (6.9, 6.15).

8.0 CONCLUSIONS AND RECOMMENDATIONS

Two field programs (1996, 1997) have been conducted on the TACK property. The rocks in this area are grouped into two packages, based on having either an Anvil Allochthon or Yukon Tanana terrane affinity. Distinguishing

between these two rock packages in the field is difficult. Rocks on the property comprise a package of ultramafics, cherts, siliceous grits, argillites, limestones, as well as minor mafic to intermediate volcanic and plutonic rocks. Southwest of the ultramafic unit, the existence of quartz eyes and/or feldspar crystals within the siliciclastic sediments indicates a provenance in the Yukon Tanana terrane.

A single structural fabric is observed throughout the property and is quite variable in strike and dip. An extensive thrust fault is inferred to separate the rocks of Anvil Allochthon affinity from those of Yukon Tanana terrane affinity. Apart from a zinc anomaly in soils from the southern TACK, no significant geochemical anomalies were identified in either rock or soil samples.

It can be concluded from the geologic mapping carried out during 1996 and 1997 that the Wolverine stratigraphy does not extend onto the TACK property and that the potential for discovering a Wolverine type deposit in this area is low. Evidence of any significant alteration or mineralization on the property was not observed during the course of the field program. Bedrock and soil sampling conducted during 1997 failed to identify significant base or precious metal anomalies spanning more than one sample site. It would be worth following up on the high Pb and Zn soil anomalies if back in the area next summer. Further exploration work on the TACK property is not recommended at this time.

REFERENCES

Aleinikoff, J.N. and Nokleberg, W.J. 1985. Age of Devonian igneous arc terranes in the northern Mount Hayes quadrangle, eastern Alaska Range, Alaska. U.S. Geological Survey Circular 967, pp. 44-49.

Foster, H.L., Keith, T.E.C., and Menzie, W.D. 1987. Geology of East-Central Alaska. U.S. Geological Survey Open-File Report 87-188m, 59 pp.

Mortensen, J.K. 1992. Pre-Mesozoic tectonic evolution of the Yukon-Tanana terrane, Yukon and Alaska. Tectonics, 11(4): 836-853.

Mortensen, J.K. and Jilson, G.A. 1985. Evolution of the Yukon-Tanana terrane: Evidence from the southeastern Yukon Territory. Geology, 13: 806-810.

Nokleberg W.J. and Aleinikoff, J.N. 1985. Summary of stratigraphy, structure, and metamorphism of Devonian igneous-arc terranes, northeastern Mount Hayes quadrangle, eastern Alaska Range. U. S. Geological Survey Circular 967, pp. 66-71.

Tempelman-Kluit, D.J. 1979. Transported cataclasite, ophiolite, and granodiorite in Yukon: evidence of arc-continent collision. Geological Survey of Canada Paper 79-14, 27 p.

Tempelman-Kluit, D.J. 1977. Quiet Lake (105F) and Finlayson Lake (105G) map areas. Geological Survey of Canada Open-File 486, scale= 1:250,000.

Tempelman-Kluit, D.J., Gordey, S.P., and Read, B.C. 1976. Stratigraphic and structural studies in the Pelly Mountains, Yukon Territory. Geological Survey of Canada Paper 76-1A, p. 97-106.

Terry, D.A., Turner, A., Tucker, T.L., and Bradshaw, G. 1997. 1996 Assessment Report describing geological and geochemcial surveys carried out on the Tuchitua Project (HANG 18-40, 62-80, 103-120, 148-160, 187-200, 211-218, 221-252, 258-291, 300, 302-328, 342-366, 383-416, and TACK 1-550), Finlayson Lake area, Yukon Territory.

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 TACK 1-550 between July 26 to Sep. 21, 1997.

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

Geological Consultants	$800.00
Charter Flying – Fixed Wing	$1,470.00
Charter Flying – Helicopter	$9,833.00
Camp Expense	$4,000.00
Materials and Supplies	$325.00
Fuel	$2,715.00
Geochemical Analyses	$23,539.00
Permanent Salaries	$6,666.00
Temporary Salaries	$4,226.00
Travel Costs	$641.00
Report Preparation Costs	$3,500.00
Total Costs:	**$57,715.00**

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.
4. Travel expenses relate only to travel to and from the project within the Yukon Territory.

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 ~~February~~ March, 1998.

David A. Terry, Project Geologist.

APPENDIX B

LIST OF CLAIMS

Tuchitua Claims

78704	TACK 1	06 Mar 96	March 6, 1998
78705	TACK 2	06 Mar 96	March 6, 1998
78706	TACK 3	06 Mar 96	March 6, 1998
78707	TACK 4	06 Mar 96	March 6, 1998
78708	TACK 5	06 Mar 96	March 6, 1998
78709	TACK 6	06 Mar 96	March 6, 1998
78710	TACK 7	06 Mar 96	March 6, 1998
78711	TACK 8	06 Mar 96	March 6, 1998
78712	TACK 9	06 Mar 96	March 6, 1998
78713	TACK 10	06 Mar 96	March 6, 1998
78714	TACK 11	06 Mar 96	March 6, 1998
78715	TACK 12	06 Mar 96	March 6, 1998
78716	TACK 13	06 Mar 96	March 6, 1998
78717	TACK 14	06 Mar 96	March 6, 1998
78718	TACK 15	06 Mar 96	March 6, 1998
78719	TACK 16	06 Mar 96	March 6, 1998
78720	TACK 17	06 Mar 96	March 6, 1998
78721	TACK 18	06 Mar 96	March 6, 1998
78722	TACK 19	06 Mar 96	March 6, 1998
78723	TACK 20	06 Mar 96	March 6, 1998
78724	TACK 21	06 Mar 96	March 6, 1998
78725	TACK 22	06 Mar 96	March 6, 1998
78726	TACK 23	06 Mar 96	March 6, 1998
78727	TACK 24	06 Mar 96	March 6, 1998
78728	TACK 25	06 Mar 96	March 6, 1998
78729	TACK 26	06 Mar 96	March 6, 1998
78730	TACK 27	06 Mar 96	March 6, 1998
78731	TACK 28	06 Mar 96	March 6, 1998
78732	TACK 29	06 Mar 96	March 6, 1998
78733	TACK 30	06 Mar 96	March 6, 1998
78734	TACK 31	06 Mar 96	March 6, 1998
78735	TACK 32	06 Mar 96	March 6, 1998
78736	TACK 33	06 Mar 96	March 6, 1998
78737	TACK 34	06 Mar 96	March 6, 1998
78738	TACK 35	06 Mar 96	March 6, 1998
78739	TACK 36	06 Mar 96	March 6, 1998
78740	TACK 37	06 Mar 96	March 6, 1998
78741	TACK 38	06 Mar 96	March 6, 1998
78742	TACK 39	06 Mar 96	March 6, 1998
78743	TACK 40	06 Mar 96	March 6, 1998
78744	TACK 41	06 Mar 96	March 6, 1998
78745	TACK 42	06 Mar 96	March 6, 1998
78746	TACK 43	06 Mar 96	March 6, 1998
78747	TACK 44	06 Mar 96	March 6, 1998
78748	TACK 45	06 Mar 96	March 6, 1998
78749	TACK 46	06 Mar 96	March 6, 1998
78750	TACK 47	06 Mar 96	March 6, 1998

78751	TACK 48	06 Mar 96	March 6, 1998
78752	TACK 49	06 Mar 96	March 6, 1998
78753	TACK 50	06 Mar 96	March 6, 1998
78754	TACK 51	06 Mar 96	March 6, 1998
78755	TACK 52	06 Mar 96	March 6, 1998
78756	TACK 53	06 Mar 96	March 6, 1998
78757	TACK 54	06 Mar 96	March 6, 1998
78758	TACK 55	06 Mar 96	March 6, 1998
78759	TACK 56	06 Mar 96	March 6, 1998
78760	TACK 57	06 Mar 96	March 6, 1998
78761	TACK 58	06 Mar 96	March 6, 1998
78762	TACK 59	06 Mar 96	March 6, 1998
78763	TACK 60	06 Mar 96	March 6, 1998
78764	TACK 61	06 Mar 96	March 6, 1998
78765	TACK 62	06 Mar 96	March 6, 1998
78766	TACK 63	06 Mar 96	March 6, 1998
78767	TACK 64	06 Mar 96	March 6, 1998
78768	TACK 65	06 Mar 96	March 6, 1998
78769	TACK 66	06 Mar 96	March 6, 1998
78770	TACK 67	06 Mar 96	March 6, 1998
78771	TACK 68	06 Mar 96	March 6, 1998
78772	TACK 69	06 Mar 96	March 6, 1998
78773	TACK 70	06 Mar 96	March 6, 1998
78774	TACK 71	06 Mar 96	March 6, 1998
78775	TACK 72	06 Mar 96	March 6, 1998
78776	TACK 73	06 Mar 96	March 6, 1998
78777	TACK 74	06 Mar 96	March 6, 1998
78778	TACK 75	06 Mar 96	March 6, 1998
78779	TACK 76	06 Mar 96	March 6, 1998
78780	TACK 77	06 Mar 96	March 6, 1998
78781	TACK 78	06 Mar 96	March 6, 1998
78782	TACK 79	06 Mar 96	March 6, 1998
78783	TACK 80	06 Mar 96	March 6, 1998
78784	TACK 81	06 Mar 96	March 6, 1998
78785	TACK 82	06 Mar 96	March 6, 1998
78786	TACK 83	06 Mar 96	March 6, 1998
78787	TACK 84	06 Mar 96	March 6, 1998
78788	TACK 85	06 Mar 96	March 6, 1998
78789	TACK 86	06 Mar 96	March 6, 1998
78790	TACK 87	06 Mar 96	March 6, 1998
78791	TACK 88	06 Mar 96	March 6, 1998
78792	TACK 89	06 Mar 96	March 6, 1998
78793	TACK 90	06 Mar 96	March 6, 1998
78794	TACK 91	06 Mar 96	March 6, 1998
78795	TACK 92	06 Mar 96	March 6, 1998
78796	TACK 93	06 Mar 96	March 6, 1998
78797	TACK 94	06 Mar 96	March 6, 1998
78798	TACK 95	06 Mar 96	March 6, 1998
78799	TACK 96	06 Mar 96	March 6, 1998

78800	TACK 97	06 Mar 96	March 6, 1998
78801	TACK 98	06 Mar 96	March 6, 1998
78802	TACK 99	06 Mar 96	March 6, 1998
78803	TACK 100	06 Mar 96	March 6, 1998
78804	TACK 101	06 Mar 96	March 6, 1998
78805	TACK 102	06 Mar 96	March 6, 1998
78806	TACK 103	06 Mar 96	March 6, 1998
78807	TACK 104	06 Mar 96	March 6, 1998
78808	TACK 105	06 Mar 96	March 6, 1998
78809	TACK 106	06 Mar 96	March 6, 1998
78810	TACK 107	06 Mar 96	March 6, 1998
78811	TACK 108	06 Mar 96	March 6, 1998
78812	TACK 109	06 Mar 96	March 6, 1998
78813	TACK 110	06 Mar 96	March 6, 1998
78814	TACK 111	06 Mar 96	March 6, 1998
78815	TACK 112	06 Mar 96	March 6, 1998
78816	TACK 113	06 Mar 96	March 6, 1998
78817	TACK 114	06 Mar 96	March 6, 1998
78818	TACK 115	06 Mar 96	March 6, 1998
78819	TACK 116	06 Mar 96	March 6, 1998
78820	TACK 117	06 Mar 96	March 6, 1998
78821	TACK 118	06 Mar 96	March 6, 1998
78822	TACK 119	06 Mar 96	March 6, 1998
78823	TACK 120	06 Mar 96	March 6, 1998
78824	TACK 121	06 Mar 96	March 6, 1998
78825	TACK 122	06 Mar 96	March 6, 1998
78826	TACK 123	06 Mar 96	March 6, 1998
78827	TACK 124	06 Mar 96	March 6, 1998
78828	TACK 125	06 Mar 96	March 6, 1998
78829	TACK 126	06 Mar 96	March 6, 1998
78830	TACK 127	06 Mar 96	March 6, 1998
78831	TACK 128	06 Mar 96	March 6, 1998
78832	TACK 129	06 Mar 96	March 6, 1998
78833	TACK 130	06 Mar 96	March 6, 1998
78834	TACK 131	06 Mar 96	March 6, 1998
78835	TACK 132	06 Mar 96	March 6, 1998
78836	TACK 133	06 Mar 96	March 6, 1998
78837	TACK 134	06 Mar 96	March 6, 1998
78838	TACK 135	06 Mar 96	March 6, 1998
78839	TACK 136	06 Mar 96	March 6, 1998
78840	TACK 137	06 Mar 96	March 6, 1998
78841	TACK 138	06 Mar 96	March 6, 1998
78842	TACK 139	06 Mar 96	March 6, 1998
78843	TACK 140	06 Mar 96	March 6, 1998
78844	TACK 141	06 Mar 96	March 6, 1998
78845	TACK 142	06 Mar 96	March 6, 1998
78846	TACK 143	06 Mar 96	March 6, 1998
78847	TACK 144	06 Mar 96	March 6, 1998
78848	TACK 145	06 Mar 96	March 6, 1998

78849	TACK 146	06 Mar 96	March 6, 1998
78850	TACK 147	06 Mar 96	March 6, 1998
78851	TACK 148	06 Mar 96	March 6, 1998
78852	TACK 149	06 Mar 96	March 6, 1998
78853	TACK 150	06 Mar 96	March 6, 1998
78854	TACK 151	06 Mar 96	March 6, 1998
78855	TACK 152	06 Mar 96	March 6, 1998
78856	TACK 153	06 Mar 96	March 6, 1998
78857	TACK 154	06 Mar 96	March 6, 1998
78858	TACK 155	06 Mar 96	March 6, 1998
78859	TACK 156	06 Mar 96	March 6, 1998
78860	TACK 157	06 Mar 96	March 6, 1998
78861	TACK 158	06 Mar 96	March 6, 1998
78862	TACK 159	06 Mar 96	March 6, 1998
78863	TACK 160	06 Mar 96	March 6, 1998
78864	TACK 161	06 Mar 96	March 6, 1998
78865	TACK 162	06 Mar 96	March 6, 1998
78866	TACK 163	06 Mar 96	March 6, 1998
78867	TACK 164	06 Mar 96	March 6, 1998
78868	TACK 165	06 Mar 96	March 6, 1998
78869	TACK 166	06 Mar 96	March 6, 1998
78870	TACK 167	06 Mar 96	March 6, 1998
78871	TACK 168	06 Mar 96	March 6, 1998
78872	TACK 169	06 Mar 96	March 6, 1998
78873	TACK 170	06 Mar 96	March 6, 1998
78874	TACK 171	06 Mar 96	March 6, 1998
78875	TACK 172	06 Mar 96	March 6, 1998
78876	TACK 173	06 Mar 96	March 6, 1998
78877	TACK 174	06 Mar 96	March 6, 1998
78878	TACK 175	06 Mar 96	March 6, 1998
78879	TACK 176	06 Mar 96	March 6, 1998
78880	TACK 177	06 Mar 96	March 6, 1998
78881	TACK 178	06 Mar 96	March 6, 1998
78882	TACK 179	06 Mar 96	March 6, 1998
78883	TACK 180	06 Mar 96	March 6, 1998
78884	TACK 181	06 Mar 96	March 6, 1998
78885	TACK 182	06 Mar 96	March 6, 1998
78886	TACK 183	06 Mar 96	March 6, 1998
78887	TACK 184	06 Mar 96	March 6, 1998
78888	TACK 185	06 Mar 96	March 6, 1998
78889	TACK 186	06 Mar 96	March 6, 1998
78890	TACK 187	06 Mar 96	March 6, 1998
78891	TACK 188	06 Mar 96	March 6, 1998
78892	TACK 189	06 Mar 96	March 6, 1998
78893	TACK 190	06 Mar 96	March 6, 1998
78894	TACK 191	06 Mar 96	March 6, 1998
78895	TACK 192	06 Mar 96	March 6, 1998
78896	TACK 193	06 Mar 96	March 6, 1998
78897	TACK 194	06 Mar 96	March 6, 1998

78898	TACK 195	06 Mar 96	March 6, 1998
78899	TACK 196	06 Mar 96	March 6, 1998
78900	TACK 197	06 Mar 96	March 6, 1998
78901	TACK 198	06 Mar 96	March 6, 1998
78902	TACK 199	06 Mar 96	March 6, 1998
78903	TACK 200	06 Mar 96	March 6, 1998
78904	TACK 201	06 Mar 96	March 6, 1998
78905	TACK 202	06 Mar 96	March 6, 1998
78906	TACK 203	06 Mar 96	March 6, 1998
78907	TACK 204	06 Mar 96	March 6, 1998
78908	TACK 205	06 Mar 96	March 6, 1998
78909	TACK 206	06 Mar 96	March 6, 1998
78910	TACK 207	06 Mar 96	March 6, 1998
78911	TACK 208	06 Mar 96	March 6, 1998
78912	TACK 209	06 Mar 96	March 6, 1998
78913	TACK 210	06 Mar 96	March 6, 1998
78914	TACK 211	06 Mar 96	March 6, 1998
78915	TACK 212	06 Mar 96	March 6, 1998
78916	TACK 213	06 Mar 96	March 6, 1998
78917	TACK 214	06 Mar 96	March 6, 1998
78918	TACK 215	06 Mar 96	March 6, 1998
78919	TACK 216	06 Mar 96	March 6, 1998
78920	TACK 217	06 Mar 96	March 6, 1998
78921	TACK 218	06 Mar 96	March 6, 1998
78922	TACK 219	06 Mar 96	March 6, 1998
78923	TACK 220	06 Mar 96	March 6, 1998
78924	TACK 221	06 Mar 96	March 6, 1998
78925	TACK 222	06 Mar 96	March 6, 1998
78926	TACK 223	06 Mar 96	March 6, 1998
78927	TACK 224	06 Mar 96	March 6, 1998
78928	TACK 225	06 Mar 96	March 6, 1998
78929	TACK 226	06 Mar 96	March 6, 1998
78930	TACK 227	06 Mar 96	March 6, 1998
78931	TACK 228	06 Mar 96	March 6, 1998
78932	TACK 229	06 Mar 96	March 6, 1998
78933	TACK 230	06 Mar 96	March 6, 1998
78934	TACK 231	06 Mar 96	March 6, 1998
78935	TACK 232	06 Mar 96	March 6, 1998
78936	TACK 233	06 Mar 96	March 6, 1998
78937	TACK 234	06 Mar 96	March 6, 1998
78938	TACK 235	06 Mar 96	March 6, 1998
78939	TACK 236	06 Mar 96	March 6, 1998
78940	TACK 237	06 Mar 96	March 6, 1998
78941	TACK 238	06 Mar 96	March 6, 1998
78942	TACK 239	06 Mar 96	March 6, 1998
78943	TACK 240	06 Mar 96	March 6, 1998
78944	TACK 241	06 Mar 96	March 6, 1998
78945	TACK 242	06 Mar 96	March 6, 1998
78946	TACK 243	06 Mar 96	March 6, 1998

78947	TACK 244	06 Mar 96	March 6, 1998
78948	TACK 245	06 Mar 96	March 6, 1998
78949	TACK 246	06 Mar 96	March 6, 1998
78950	TACK 247	06 Mar 96	March 6, 1998
78951	TACK 248	06 Mar 96	March 6, 1998
78952	TACK 249	06 Mar 96	March 6, 1998
78953	TACK 250	06 Mar 96	March 6, 1998
78954	TACK 251	06 Mar 96	March 6, 1998
78955	TACK 252	06 Mar 96	March 6, 1998
78956	TACK 253	06 Mar 96	March 6, 1998
78957	TACK 254	06 Mar 96	March 6, 1998
78958	TACK 255	06 Mar 96	March 6, 1998
78959	TACK 256	06 Mar 96	March 6, 1998
78960	TACK 257	06 Mar 96	March 6, 1998
78961	TACK 258	06 Mar 96	March 6, 1998
78962	TACK 259	06 Mar 96	March 6, 1998
78963	TACK 260	06 Mar 96	March 6, 1998
78964	TACK 261	06 Mar 96	March 6, 1998
78965	TACK 262	06 Mar 96	March 6, 1998
78966	TACK 263	06 Mar 96	March 6, 1998
78967	TACK 264	06 Mar 96	March 6, 1998
78968	TACK 265	06 Mar 96	March 6, 1998
78969	TACK 266	06 Mar 96	March 6, 1998
78970	TACK 267	06 Mar 96	March 6, 1998
78971	TACK 268	06 Mar 96	March 6, 1998
78972	TACK 269	06 Mar 96	March 6, 1998
78973	TACK 270	06 Mar 96	March 6, 1998
78974	TACK 271	06 Mar 96	March 6, 1998
78975	TACK 272	06 Mar 96	March 6, 1998
78976	TACK 273	06 Mar 96	March 6, 1998
78977	TACK 274	06 Mar 96	March 6, 1998
78978	TACK 275	06 Mar 96	March 6, 1998
78979	TACK 276	06 Mar 96	March 6, 1998
78980	TACK 277	06 Mar 96	March 6, 1998
78981	TACK 278	06 Mar 96	March 6, 1998
78982	TACK 279	06 Mar 96	March 6, 1998
78983	TACK 280	06 Mar 96	March 6, 1998
78984	TACK 281 Fr	06 Mar 96	March 6, 1998
78985	TACK 282 Fr	06 Mar 96	March 6, 1998
78986	TACK 286 Fr	06 Mar 96	March 6, 1998
78987	TACK 287 Fr	06 Mar 96	March 6, 1998
78988	TACK 288 Fr	06 Mar 96	March 6, 1998
78989	TACK 290	06 Mar 96	March 6, 1998
78990	TACK 291	06 Mar 96	March 6, 1998
78991	TACK 292	06 Mar 96	March 6, 1998
78992	TACK 293	06 Mar 96	March 6, 1998
78993	TACK 294	06 Mar 96	March 6, 1998
78994	TACK 295	06 Mar 96	March 6, 1998
78995	TACK 296	06 Mar 96	March 6, 1998

78996	TACK 297	06 Mar 96	March 6, 1998
78997	TACK 298	06 Mar 96	March 6, 1998
78998	TACK 299	06 Mar 96	March 6, 1998
78999	TACK 300	06 Mar 96	March 6, 1998
79000	TACK 301	06 Mar 96	March 6, 1998
79001	TACK 302	06 Mar 96	March 6, 1998
79002	TACK 303	06 Mar 96	March 6, 1998
79003	TACK 304	06 Mar 96	March 6, 1998
79004	TACK 305	06 Mar 96	March 6, 1998
79005	TACK 306	06 Mar 96	March 6, 1998
79006	TACK 307	06 Mar 96	March 6, 1998
79007	TACK 308	06 Mar 96	March 6, 1998
79008	TACK 309	06 Mar 96	December 6, 1997
79009	TACK 310	06 Mar 96	March 6, 1998
79010	TACK 311	06 Mar 96	December 6, 1997
79011	TACK 312	06 Mar 96	March 6, 1998
79012	TACK 313	06 Mar 96	December 6, 1997
79013	TACK 314	06 Mar 96	March 6, 1998
79014	TACK 315	06 Mar 96	March 6, 1998
79015	TACK 316	06 Mar 96	March 6, 1998
79016	TACK 317	06 Mar 96	March 6, 1998
79017	TACK 318	06 Mar 96	March 6, 1998
79018	TACK 319	06 Mar 96	March 6, 1998
79019	TACK 320	06 Mar 96	March 6, 1998
79020	TACK 321	06 Mar 96	March 6, 1998
79021	TACK 322	06 Mar 96	March 6, 1998
79022	TACK 323	06 Mar 96	March 6, 1998
79023	TACK 324	06 Mar 96	March 6, 1998
79024	TACK 325	06 Mar 96	March 6, 1998
79025	TACK 326	06 Mar 96	March 6, 1998
79026	TACK 327	06 Mar 96	March 6, 1998
79027	TACK 328	06 Mar 96	March 6, 1998
79028	TACK 329	06 Mar 96	March 6, 1998
79029	TACK 330	06 Mar 96	December 6, 1997
79030	TACK 331	06 Mar 96	March 6, 1998
79031	TACK 332	06 Mar 96	December 6, 1997
79032	TACK 333	06 Mar 96	March 6, 1998
79033	TACK 334	06 Mar 96	March 6, 1998
79034	TACK 335	06 Mar 96	March 6, 1998
79035	TACK 336	06 Mar 96	March 6, 1998
79036	TACK 337	06 Mar 96	March 6, 1998
79037	TACK 338	06 Mar 96	March 6, 1998
79038	TACK 339	06 Mar 96	March 6, 1998
79039	TACK 340	06 Mar 96	March 6, 1998
79040	TACK 341	06 Mar 96	March 6, 1998
79041	TACK 342	06 Mar 96	March 6, 1998
79042	TACK 343	06 Mar 96	March 6, 1998
79043	TACK 344	06 Mar 96	March 6, 1998
79044	TACK 345	06 Mar 96	March 6, 1998

79045	TACK 346	06 Mar 96	March 6, 1998
79046	TACK 347	06 Mar 96	March 6, 1998
79047	TACK 348	06 Mar 96	March 6, 1998
79048	TACK 349	06 Mar 96	March 6, 1998
79049	TACK 350	06 Mar 96	March 6, 1998
79050	TACK 351	06 Mar 96	March 6, 1998
79051	TACK 352	06 Mar 96	March 6, 1998
79052	TACK 353	06 Mar 96	March 6, 1998
79053	TACK 354	06 Mar 96	December 6, 1997
79054	TACK 355	06 Mar 96	December 6, 1997
79055	TACK 356	06 Mar 96	December 6, 1997
79056	TACK 357	06 Mar 96	December 6, 1997
79059	TACK 358	06 Mar 96	March 6, 1998
79060	TACK 359	06 Mar 96	March 6, 1998
79061	TACK 360	06 Mar 96	March 6, 1998
79062	TACK 361	06 Mar 96	December 6, 1997
79063	TACK 362	06 Mar 96	March 6, 1998
79064	TACK 363	06 Mar 96	March 6, 1998
79065	TACK 364	06 Mar 96	March 6, 1998
79066	TACK 365	06 Mar 96	March 6, 1998
79067	TACK 366	06 Mar 96	March 6, 1998
79068	TACK 367	06 Mar 96	March 6, 1998
79069	TACK 368	06 Mar 96	March 6, 1998
79070	TACK 369	06 Mar 96	March 6, 1998
79071	TACK 370	06 Mar 96	March 6, 1998
79072	TACK 371	06 Mar 96	March 6, 1998
79073	TACK 372	06 Mar 96	March 6, 1998
79074	TACK 373	06 Mar 96	March 6, 1998
79075	TACK 374	06 Mar 96	March 6, 1998
79076	TACK 375	06 Mar 96	March 6, 1998
79077	TACK 376	06 Mar 96	March 6, 1998
79078	TACK 377	06 Mar 96	March 6, 1998
79079	TACK 378	06 Mar 96	March 6, 1998
79080	TACK 379	06 Mar 96	March 6, 1998
79081	TACK 380	06 Mar 96	March 6, 1998
79082	TACK 381	06 Mar 96	March 6, 1998
79083	TACK 382	06 Mar 96	March 6, 1998
79084	TACK 383	06 Mar 96	March 6, 1998
79085	TACK 384	06 Mar 96	March 6, 1998
79086	TACK 385	06 Mar 96	March 6, 1998
79087	TACK 386	06 Mar 96	March 6, 1998
79088	TACK 387	06 Mar 96	March 6, 1998
79089	TACK 388	06 Mar 96	March 6, 1998
79090	TACK 389	06 Mar 96	March 6, 1998
79091	TACK 390	06 Mar 96	March 6, 1998
79092	TACK 391	06 Mar 96	March 6, 1998
79093	TACK 392	06 Mar 96	March 6, 1998
79094	TACK 393	06 Mar 96	March 6, 1998
79095	TACK 394	06 Mar 96	March 6, 1998

79096	TACK 395	06 Mar 96	March 6, 1998
79097	TACK 396	06 Mar 96	March 6, 1998
79098	TACK 397	06 Mar 96	March 6, 1998
79099	TACK 398	06 Mar 96	March 6, 1998
79100	TACK 399	06 Mar 96	March 6, 1998
79101	TACK 400	06 Mar 96	March 6, 1998
79102	TACK 401	06 Mar 96	March 6, 1998
79103	TACK 402	06 Mar 96	March 6, 1998
79104	TACK 403	06 Mar 96	March 6, 1998
79105	TACK 404	06 Mar 96	March 6, 1998
79106	TACK 405	06 Mar 96	March 6, 1998
79107	TACK 406	06 Mar 96	March 6, 1998
79108	TACK 407	06 Mar 96	March 6, 1998
79109	TACK 408	06 Mar 96	March 6, 1998
79110	TACK 409	06 Mar 96	March 6, 1998
79111	TACK 410	06 Mar 96	March 6, 1998
79112	TACK 411	06 Mar 96	March 6, 1998
79113	TACK 412	06 Mar 96	March 6, 1998
79114	TACK 413	06 Mar 96	March 6, 1998
79115	TACK 414	06 Mar 96	March 6, 1998
79116	TACK 415	06 Mar 96	March 6, 1998
79117	TACK 416	06 Mar 96	March 6, 1998
79118	TACK 417	06 Mar 96	March 6, 1998
79119	TACK 418	06 Mar 96	March 6, 1998
79120	TACK 419	06 Mar 96	March 6, 1998
79121	TACK 420	06 Mar 96	March 6, 1998
79122	TACK 421	06 Mar 96	March 6, 1998
79123	TACK 422	06 Mar 96	March 6, 1998
79124	TACK 423	06 Mar 96	March 6, 1998
79125	TACK 424	06 Mar 96	March 6, 1998
79126	TACK 425	06 Mar 96	March 6, 1998
79127	TACK 426	06 Mar 96	March 6, 1998
79128	TACK 427	06 Mar 96	March 6, 1998
79129	TACK 428	06 Mar 96	March 6, 1998
79130	TACK 429	06 Mar 96	March 6, 1998
79131	TACK 430	06 Mar 96	March 6, 1998
79132	TACK 431	06 Mar 96	March 6, 1998
79133	TACK 432	06 Mar 96	March 6, 1998
79134	TACK 433	06 Mar 96	March 6, 1998
79135	TACK 434	06 Mar 96	March 6, 1998
79136	TACK 435	06 Mar 96	March 6, 1998
79137	TACK 436	06 Mar 96	March 6, 1998
79138	TACK 437	06 Mar 96	March 6, 1998
79139	TACK 438	06 Mar 96	March 6, 1998
79140	TACK 439	06 Mar 96	March 6, 1998
79141	TACK 440	06 Mar 96	March 6, 1998
79142	TACK 441	06 Mar 96	March 6, 1998
79143	TACK 442	06 Mar 96	March 6, 1998
79144	TACK 443	06 Mar 96	March 6, 1998

79145	TACK 444	06 Mar 96	March 6, 1998
79146	TACK 445	06 Mar 96	March 6, 1998
79147	TACK 446	06 Mar 96	March 6, 1998
79148	TACK 447	06 Mar 96	March 6, 1998
79149	TACK 448	06 Mar 96	March 6, 1998
79150	TACK 449	06 Mar 96	March 6, 1998
79151	TACK 450	06 Mar 96	March 6, 1998
79152	TACK 451	06 Mar 96	March 6, 1998
79153	TACK 452	06 Mar 96	March 6, 1998
79154	TACK 453	06 Mar 96	March 6, 1998
79155	TACK 454	06 Mar 96	March 6, 1998
79156	TACK 455	06 Mar 96	March 6, 1998
79157	TACK 456	06 Mar 96	March 6, 1998
79158	TACK 457	06 Mar 96	March 6, 1998
79159	TACK 458	06 Mar 96	March 6, 1998
79160	TACK 459	06 Mar 96	March 6, 1998
79161	TACK 460	06 Mar 96	March 6, 1998
79162	TACK 461	06 Mar 96	March 6, 1998
79163	TACK 462	06 Mar 96	March 6, 1998
79164	TACK 463	06 Mar 96	March 6, 1998
79165	TACK 464	06 Mar 96	March 6, 1998
79166	TACK 465	06 Mar 96	March 6, 1998
79167	TACK 466	06 Mar 96	March 6, 1998
79168	TACK 467	06 Mar 96	March 6, 1998
79169	TACK 468	06 Mar 96	March 6, 1998
79170	TACK 469	06 Mar 96	March 6, 1998
79171	TACK 470	06 Mar 96	March 6, 1998
79172	TACK 471	06 Mar 96	March 6, 1998
79173	TACK 472	06 Mar 96	March 6, 1998
79174	TACK 473	06 Mar 96	March 6, 1998
79175	TACK 474	06 Mar 96	March 6, 1998
79176	TACK 475	06 Mar 96	March 6, 1998
79177	TACK 476	06 Mar 96	March 6, 1998
79178	TACK 477	06 Mar 96	March 6, 1998
79179	TACK 478	06 Mar 96	March 6, 1998
79180	TACK 479	06 Mar 96	March 6, 1998
79181	TACK 480	06 Mar 96	March 6, 1998
79182	TACK 481	06 Mar 96	March 6, 1998
79183	TACK 482	06 Mar 96	March 6, 1998
79184	TACK 483	06 Mar 96	March 6, 1998
79185	TACK 484	06 Mar 96	March 6, 1998
79186	TACK 485	06 Mar 96	March 6, 1998
79187	TACK 486	06 Mar 96	March 6, 1998
79188	TACK 487	06 Mar 96	March 6, 1998
79189	TACK 488	06 Mar 96	March 6, 1998
79190	TACK 489	06 Mar 96	March 6, 1998
79191	TACK 490	06 Mar 96	March 6, 1998
79192	TACK 491	06 Mar 96	March 6, 1998
79193	TACK 492	06 Mar 96	March 6, 1998

79194	TACK 493	06 Mar 96	March 6, 1998
79195	TACK 494	06 Mar 96	March 6, 1998
79196	TACK 495	06 Mar 96	March 6, 1998
79197	TACK 496	06 Mar 96	March 6, 1998
79198	TACK 497	06 Mar 96	March 6, 1998
79199	TACK 498	06 Mar 96	March 6, 1998
79200	TACK 499	06 Mar 96	March 6, 1998
79201	TACK 500	06 Mar 96	March 6, 1998
79202	TACK 501	06 Mar 96	March 6, 1998
79203	TACK 506	06 Mar 96	March 6, 1998
79204	TACK 507	06 Mar 96	March 6, 1998
79205	TACK 508	06 Mar 96	March 6, 1998
79206	TACK 509	06 Mar 96	March 6, 1998
79207	TACK 510	06 Mar 96	March 6, 1998
79208	TACK 511	06 Mar 96	March 6, 1998
79209	TACK 512	06 Mar 96	March 6, 1998
79210	TACK 513	06 Mar 96	March 6, 1998
79211	TACK 514	06 Mar 96	March 6, 1998
79212	TACK 515	06 Mar 96	March 6, 1998
79213	TACK 516	06 Mar 96	March 6, 1998
79214	TACK 517	06 Mar 96	March 6, 1998
79215	TACK 518	06 Mar 96	March 6, 1998
79216	TACK 519	06 Mar 96	March 6, 1998
79217	TACK 520	06 Mar 96	March 6, 1998
79218	TACK 521	06 Mar 96	March 6, 1998
79219	TACK 522	06 Mar 96	March 6, 1998
79220	TACK 523	06 Mar 96	March 6, 1998
79221	TACK 524	06 Mar 96	March 6, 1998
79222	TACK 525	06 Mar 96	March 6, 1998
79223	TACK 526	06 Mar 96	March 6, 1998
79224	TACK 527	06 Mar 96	March 6, 1998
79225	TACK 528	06 Mar 96	March 6, 1998
79226	TACK 529	06 Mar 96	March 6, 1998
79227	TACK 530	06 Mar 96	March 6, 1998
79228	TACK 531	06 Mar 96	March 6, 1998
79229	TACK 532	06 Mar 96	March 6, 1998
79230	TACK 533	06 Mar 96	March 6, 1998
79231	TACK 534	06 Mar 96	March 6, 1998
79232	TACK 535	06 Mar 96	March 6, 1998
79233	TACK 538	06 Mar 96	March 6, 1998
79234	TACK 539	06 Mar 96	March 6, 1998
79235	TACK 540	06 Mar 96	March 6, 1998
79236	TACK 541	06 Mar 96	March 6, 1998
79237	TACK 542	06 Mar 96	March 6, 1998
79238	TACK 543	06 Mar 96	March 6, 1998
79239	TACK 544	06 Mar 96	March 6, 1998
79240	TACK 545	06 Mar 96	March 6, 1998
79241	TACK 546	06 Mar 96	March 6, 1998
79242	TACK 547	06 Mar 96	March 6, 1998

79243	TACK 548	06 Mar 96	March 6, 1998
79244	TACK 549	06 Mar 96	March 6, 1998
79245	TACK 550	06 Mar 96	March 6, 1998
79246	TACK 551	06 Mar 96	March 6, 1998
79247	TACK 552	06 Mar 96	March 6, 1998
79248	TACK 553	06 Mar 96	March 6, 1998
79249	TACK 554	06 Mar 96	March 6, 1998
79250	TACK 555	06 Mar 96	March 6, 1998
79251	TACK 556	06 Mar 96	March 6, 1998
79252	TACK 557	06 Mar 96	March 6, 1998

APPENDIX C

LIST OF PERSONNEL

LIST OF PERSONNEL

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

Geoff Bradshaw (Geologist)
#904-1055 Dunsmuir St.
Vancouver, B.C.
V7X 1C4

Norman A. Duke (Geologist)
Department of Geological Sciences
University of Western Ontario

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

Don Finlayson (Field Assistant)
#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

APPENDIX D

GEOLOGISTS CERTIFICATES

GEOLOGIST 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 supervised between July 26 and Sept. 21, 1997.

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 ~~February~~ March, 1998.

David A. Terry, Ph.D.
Project Geologist

GEOLOGIST CERTIFICATE

I, Geoffrey D. Bradshaw of 8046 Redrooffs Road, Sechelt, in the Province of British Columbia, DO HEREBY CERTIFY:

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

2. THAT I am a graduate of the University of British Columbia (1996) and hold an Honours Bachelor of Science in Geology.

3. THAT I am a member of the Association of British Columbia Professional Engineers and Geoscientists registered as a Professional Geoscientist in Training.

4. THAT this report is based on property work I personally completed and/or supervised between July 15 and Sept. 9, 1997

5. 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 ____ day of _____, 1997.

_____

Geoffrey D. Bradshaw, Geologist

APPENDIX E

ROCK SAMPLE DESCRIPTIONS

Rock Sample Descriptions

Sample #	Type	Description
DGTK-97-07	Grab	Med. green chert; fine grained siliceous rock
DGTK-97-08	Grab	Chert grit; whitish grey chert fragments in fin siliceous argillite, fragmentss 0.1-0.4 cm diameter.
DGTK-97-09	Grab	Greyish white chert; massive chert for whole rock analysis
DGTK-97-10	Grab	Chert conglomerate; clasts subangular, 0.3-1.5 cm diametre. greyish white and blue chert clasts
DGTK-97-11	Grab	Blueish grey chert; massive siliceous rock
DGTK-97-12	Grab	Carb. argillite; black, fine grained
DGTK-97-13	Grab	White to blue-grey chert; brittley fractured
DGTK97-01	Grab	Green chlorite. schist/ mafic volcanic. YTT?
DGTK97-02	Grab	Bull quartz vein; oxidized rusty surface
DGTK97-03	Grab	Green chert; 5-10% siliceous/cherty grains 0.2-0.3 cm in size.
DGTK97-04	Grab	Chert-carbonaceous argillite; aphanitic, massive, well foliated
DGTK97-05	Grab	Black chert; fine grained, weakly oxidized weathered surface.
DGTK97-06	Grab	Qtzose sed.; grey, fine grained., interbedded chert
DTTK97-01	Grab	Gabbro; mafic to intermediate intrusive, chl in matrix, 20-30% hbl
DTTK97-02	Grab	Chert; grey, massive
DTTK97-04	Grab	Chert and chert pebble conglomerate; grey-green fragments, 1% fine grained chalcopyrite
DTTK97-05	Grab	Cherty rock; 2-3% fine grained disseminated magnetite
DTTK97-06	Grab	Gabbro-diorite; medium green, mod. chloritic, trace mg. Pyrite
GBTK97-01	Grab	Black carbonaceous argillite; mod. to strongly siliceous, rusty weathering on surface.
GBTK97-02	Grab	Greywacke; medium grained, grains consist of quartz, feldspar, amphibole.
GBTK97-03	Grab	Siliceous chert; fine, grained, light green, trace pyrite in 1-2mm quartz veinlets, trace chalcopyrite
GBTK97-04	Grab	Peridotite; green, olivine rich, minor magnetite, trace very fine grained pyrite
GBTK97-05	Grab	Limestone and chert; riddled with quartz veins (tectonized zone?)
DGTK-14	Grab	Grey to white chert.
DGTK-15	Grab	Gabbro; mafic to intermediate intrusive, chlorite in matrix, 20-30% hornblende
DGTK-16	Grab	Chloritic schist; weak gossaning, intermediate volcanic
DGTK-17	Grab	Blueish-grey chert; massive siliceous rock
DGTK-18	Grab	Argillite; black, fine grained
DGTK-19	Grab	Siliceous to carbonaceous argillite; minor chlorite
DGTK-20	Grab	Green to grey chert; minor chlorite, massive silica
DGTK-21	Grab	Chlorite schist; mafic volcanic.
271222	Grab	Green chert; strong limonite alteration, massive siliceous rock, 1-2% pyrite

APPENDIX F

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

A9741625

Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

CERTIFICATE A9741625

(GP W) - WESTMIN RESOURCES LTD.

Project: 6409
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 18-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	151	Dry, sieve to -80 mesh
202	151	save reject
285	151	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	151	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	151	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	151	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	151	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	151	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	151	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	151	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	151	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	151	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	151	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	151	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	151	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	151	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	151	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	151	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	151	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	151	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	151	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	151	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	151	Pb ppm: 24 element, rock & core	AAS	2	10000
582	151	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	151	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	151	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	151	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	151	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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 18-SEP-97
Invoice No. :19741625
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9741625

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)
274634	201	202	5	< 0.2	6.60	1410	1.5	< 2	0.37	< 0.5	8	66	25	3.95	2.13	0.84
274635	201	202	< 5	< 0.2	9.74	2450	2.0	< 2	0.11	< 0.5	6	28	18	3.51	2.47	1.31
274636	201	202	10	0.8	8.70	3200	2.0	6	0.14	< 0.5	18	66	97	4.97	3.30	1.10
274637	201	202	10	< 0.2	5.88	1540	1.5	2	0.54	0.5	11	55	37	2.94	1.99	0.65
274638	201	202	5	< 0.2	7.94	1910	1.5	2	0.93	< 0.5	13	43	37	3.40	2.30	0.83
274639	201	202	5	< 0.2	7.73	2620	1.5	< 2	0.68	0.5	14	51	54	3.61	2.50	0.97
274640	201	202	< 5	< 0.2	8.45	1610	1.5	< 2	0.93	< 0.5	5	59	26	2.44	2.62	0.83
274641	201	202	< 5	< 0.2	9.62	2750	2.0	< 2	0.20	< 0.5	21	136	54	4.46	3.20	2.03
274642	201	202	< 5	< 0.2	4.90	630	1.0	< 2	0.98	< 0.5	56	923	45	5.28	0.95	7.70
274643	201	202	< 5	0.6	9.90	2490	2.0	< 2	0.14	< 0.5	29	66	49	4.47	3.30	1.41
274644	201	202	< 5	0.4	7.75	1470	1.5	< 2	0.45	< 0.5	11	69	34	3.46	2.41	1.01
274645	201	202	< 5	< 0.2	7.47	1100	2.0	< 2	1.15	< 0.5	28	289	71	4.79	2.00	3.22
274646	201	202	20	1.0	9.47	1930	2.5	2	0.12	< 0.5	10	31	78	4.27	3.27	0.95
274647	201	202	< 5	< 0.2	6.25	1120	1.0	2	0.50	< 0.5	8	96	23	3.75	1.86	1.01
274648	201	202	< 5	< 0.2	6.63	930	1.0	4	1.13	< 0.5	10	55	24	2.64	1.88	0.86
274649	201	202	< 5	0.4	6.55	1060	1.5	2	0.68	< 0.5	10	90	24	3.34	1.94	0.96
274650	201	202	< 5	< 0.2	7.15	1200	1.5	< 2	0.68	< 0.5	11	130	24	4.68	2.23	1.30
274651	201	202	< 5	< 0.2	6.22	890	1.5	< 2	0.59	< 0.5	9	92	25	3.83	1.80	1.10
274652	201	202	< 5	< 0.2	5.96	910	1.0	< 2	0.84	< 0.5	7	87	24	2.84	1.86	0.91
274653	201	202	< 5	< 0.2	6.25	850	1.0	< 2	1.01	< 0.5	9	102	22	3.39	1.81	0.97
274654	201	202	< 5	< 0.2	6.01	810	1.0	< 2	1.59	< 0.5	11	111	27	3.19	1.63	1.32
274655	201	202	< 5	< 0.2	5.87	910	1.5	2	0.78	< 0.5	10	134	24	3.34	1.83	1.29
274656	201	202	< 5	< 0.2	6.47	990	1.5	< 2	0.85	< 0.5	13	130	26	4.56	1.88	1.34
274657	201	202	< 5	< 0.2	5.93	700	1.5	2	1.51	< 0.5	11	50	30	2.64	1.57	0.86
274658	201	202	< 5	< 0.2	6.11	590	1.0	2	1.73	< 0.5	15	99	39	4.46	1.42	1.50
274659	201	202	< 5	< 0.2	6.50	720	1.5	< 2	1.85	< 0.5	19	100	56	4.57	1.47	1.55
274660	201	202	< 5	< 0.2	6.04	710	1.5	2	2.19	< 0.5	21	149	51	4.70	1.51	2.01
274661	201	202	< 5	< 0.2	6.39	740	1.5	2	1.95	< 0.5	20	110	49	4.49	1.63	1.61
274662	201	202	< 5	< 0.2	5.06	610	0.5	< 2	1.95	< 0.5	12	127	30	4.50	1.07	1.42
274663	201	202	< 5	< 0.2	5.69	550	0.5	4	3.16	< 0.5	37	352	116	5.45	0.81	2.92
274664	201	202	< 5	< 0.2	6.24	720	1.0	2	2.24	< 0.5	24	153	104	5.03	1.05	1.89
274665	201	202	< 5	< 0.2	6.30	700	1.0	< 2	2.49	< 0.5	23	189	63	5.72	1.49	2.39
274666	201	202	< 5	< 0.2	6.84	650	1.0	< 2	2.21	< 0.5	21	111	45	5.67	1.56	1.64
274667	201	202	< 5	< 0.2	5.93	660	1.0	2	2.02	< 0.5	12	97	28	3.92	1.39	1.39
274668	201	202	< 5	< 0.2	7.35	840	2.0	< 2	2.29	< 0.5	22	162	46	5.24	2.10	2.25
274669	201	202	< 5	< 0.2	6.39	780	1.5	2	1.41	< 0.5	15	83	50	4.27	1.87	1.29
274670	201	202	< 5	< 0.2	6.14	610	1.0	2	1.55	< 0.5	14	58	45	4.74	1.58	1.11
274671	201	202	< 5	< 0.2	7.11	880	1.5	2	0.98	< 0.5	8	34	24	4.25	2.18	0.79
274672	201	202	< 5	< 0.2	6.56	770	1.5	< 2	1.67	< 0.5	17	69	34	4.55	1.49	1.33
274673	201	202	< 5	< 0.2	6.59	520	0.5	< 2	1.69	< 0.5	14	43	64	4.78	1.16	1.23

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Page Number : 1-B
Total Pages : 4
Certificate Date: 18-SEP-97
Invoice No. : I9741625
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9741625

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)			
274634	201	202	345	< 1	0.90	24	580	16	111	0.31	131	< 10	86			
274635	201	202	470	< 1	1.67	13	860	8	170	0.31	84	< 10	86			
274636	201	202	1235	1	0.36	40	870	22	115	0.42	176	< 10	150			
274637	201	202	620	1	0.60	22	1980	16	96	0.23	111	< 10	158			
274638	201	202	960	< 1	1.58	16	920	14	315	0.30	113	< 10	98			
274639	201	202	1535	1	0.74	22	1290	16	111	0.23	134	< 10	128			
274640	201	202	325	1	1.74	22	780	14	325	0.24	96	< 10	70			
274641	201	202	735	1	0.76	105	650	22	82	0.33	153	< 10	140			
274642	201	202	1425	< 1	0.96	746	890	10	151	0.25	111	< 10	100			
274643	201	202	785	1	0.86	45	820	20	69	0.36	145	< 10	158			
274644	201	202	550	1	0.88	27	1100	16	149	0.29	130	< 10	94			
274645	201	202	1115	< 1	1.48	241	1070	12	206	0.36	132	< 10	134			
274646	201	202	290	3	0.76	13	540	120	97	0.24	99	< 10	90			
274647	201	202	665	< 1	1.01	42	1640	14	106	0.34	129	< 10	70			
274648	201	202	445	< 1	1.70	24	1030	8	299	0.30	85	< 10	66			
274649	201	202	615	1	1.41	40	1190	20	130	0.37	122	< 10	70			
274650	201	202	570	1	1.40	64	1320	14	131	0.41	139	< 10	110			
274651	201	202	420	1	1.36	45	1000	8	114	0.28	106	< 10	78			
274652	201	202	540	< 1	1.39	40	1470	10	191	0.33	107	< 10	62			
274653	201	202	505	< 1	1.09	30	1860	12	151	0.39	137	< 10	58			
274654	201	202	510	< 1	1.72	47	1520	8	252	0.37	104	< 10	66			
274655	201	202	405	< 1	1.05	61	1060	10	140	0.34	115	< 10	70			
274656	201	202	540	1	1.16	57	600	12	141	0.40	132	< 10	84			
274657	201	202	745	< 1	1.94	25	1890	4	329	0.32	79	< 10	52			
274658	201	202	795	< 1	2.01	49	1120	4	218	0.41	132	< 10	84			
274659	201	202	900	< 1	1.97	50	1000	6	243	0.50	133	< 10	90			
274660	201	202	895	< 1	1.65	80	670	4	253	0.52	134	< 10	84			
274661	201	202	1005	1	1.78	56	1340	6	313	0.48	128	< 10	92			
274662	201	202	595	< 1	1.24	40	910	2	188	0.48	135	< 10	60			
274663	201	202	1040	< 1	1.36	145	1030	< 2	228	0.63	167	< 10	82			
274664	201	202	905	2	1.58	80	1250	4	281	0.53	143	< 10	88			
274665	201	202	890	< 1	1.70	95	690	4	291	0.57	152	< 10	90			
274666	201	202	1405	< 1	2.28	52	1110	< 2	316	0.56	164	< 10	104			
274667	201	202	775	< 1	1.88	42	840	< 2	254	0.46	128	< 10	70			
274668	201	202	1215	< 1	2.10	83	640	4	249	0.50	129	< 10	88			
274669	201	202	790	< 1	1.79	44	890	6	232	0.37	110	< 10	86			
274670	201	202	1260	2	2.05	27	1540	4	245	0.41	118	< 10	114			
274671	201	202	1205	< 1	2.32	11	1860	4	196	0.40	91	< 10	94			
274672	201	202	1435	< 1	2.28	31	1150	6	230	0.45	128	< 10	92			
274673	201	202	855	1	2.50	12	1610	< 2	287	0.34	150	< 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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 18-SEP-97
Invoice No. :19741625
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9741625

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)
274674	201	202	< 5	< 0.2	6.68	500	0.5	< 2	2.24	< 0.5	15	49	49	5.34	1.18	1.26
274675	201	202	< 5	< 0.2	5.89	420	0.5	2	1.23	< 0.5	15	37	128	5.52	0.73	1.12
274676	201	202	< 5	< 0.2	6.36	540	0.5	2	1.80	< 0.5	11	52	45	4.52	1.41	1.08
274677	201	202	< 5	< 0.2	6.71	750	2.0	2	2.60	< 0.5	32	254	77	5.99	2.03	3.40
274678	201	202	< 5	< 0.2	6.53	690	1.5	< 2	2.08	< 0.5	18	132	41	5.08	1.78	1.94
274679	201	202	< 5	< 0.2	6.81	770	1.5	< 2	1.39	< 0.5	13	73	35	5.12	1.95	1.18
274680	201	202	< 5	< 0.2	6.38	490	0.5	< 2	4.48	< 0.5	64	691	171	6.80	0.91	5.58
274681	201	202	< 5	< 0.2	7.12	660	1.0	4	1.84	< 0.5	17	94	58	5.04	1.53	1.54
274682	201	202	< 5	< 0.2	5.64	710	1.5	< 2	3.04	< 0.5	26	205	76	4.93	0.90	2.84
274683	201	202	< 5	< 0.2	6.86	780	1.5	< 2	1.72	< 0.5	19	79	60	5.63	1.73	1.66
274684	201	202	< 5	< 0.2	7.28	830	1.5	< 2	1.98	< 0.5	9	37	31	2.82	1.85	0.92
274685	201	202	< 5	< 0.2	7.21	690	1.0	2	1.53	< 0.5	12	56	33	5.03	1.88	1.20
274686	201	202	< 5	< 0.2	7.14	780	1.0	< 2	1.68	< 0.5	6	23	30	2.33	2.05	0.71
274687	201	202	< 5	< 0.2	6.40	640	1.0	< 2	3.11	< 0.5	23	192	49	5.68	1.65	2.67
274688	201	202	< 5	< 0.2	6.38	710	1.5	2	1.56	< 0.5	36	488	99	5.61	1.42	7.37
274689	201	202	< 5	< 0.2	6.46	720	2.0	2	2.22	< 0.5	18	108	43	4.96	1.75	1.80
274690	201	202	< 5	< 0.2	6.13	780	2.0	2	2.18	< 0.5	20	109	47	4.43	1.79	1.73
274691	201	202	< 5	< 0.2	4.53	440	1.0	< 2	1.19	< 0.5	56	1060	43	4.82	0.76	10.20
274692	201	202	< 5	< 0.2	6.40	620	1.5	2	2.49	< 0.5	20	185	37	5.95	1.27	2.43
274693	201	202	< 5	< 0.2	5.72	570	1.0	< 2	2.81	< 0.5	25	221	50	5.56	1.07	2.89
274694	201	202	< 5	< 0.2	3.97	390	1.0	2	1.16	< 0.5	64	941	56	4.91	0.74	11.70
274695	201	202	< 5	< 0.2	3.41	330	0.5	2	0.78	< 0.5	62	1140	71	4.63	0.56	11.00
274696	201	202	< 5	< 0.2	5.89	910	1.5	2	1.49	< 0.5	17	147	48	4.51	1.68	1.94
274697	201	202	< 5	< 0.2	6.80	750	1.5	< 2	2.23	< 0.5	36	168	101	6.30	1.50	2.87
274698	201	202	< 5	< 0.2	6.35	690	1.5	2	2.58	< 0.5	37	255	81	5.79	1.59	3.29
274699	201	202	< 5	< 0.2	6.14	630	1.5	< 2	3.20	< 0.5	34	289	81	5.58	1.49	3.88
274700	201	202	< 5	< 0.2	7.35	1330	2.0	< 2	1.02	< 0.5	37	451	84	5.07	2.08	4.50
274701	201	202	< 5	< 0.2	7.61	1480	2.0	2	0.52	< 0.5	38	609	88	4.88	2.25	6.35
274702	201	202	< 5	< 0.2	7.00	1640	2.0	4	0.56	< 0.5	18	107	63	3.79	2.49	1.70
274703	201	202	< 5	< 0.2	7.84	1750	2.5	2	0.40	< 0.5	38	107	89	4.33	2.93	1.46
274704	201	202	< 5	< 0.2	8.25	1910	2.5	< 2	0.37	< 0.5	29	90	76	4.24	2.77	1.46
274705	201	202	< 5	< 0.2	6.57	1700	1.0	2	1.18	< 0.5	12	123	33	3.33	1.83	1.23
274706	201	202	< 5	< 0.2	5.94	1160	1.0	< 2	2.51	< 0.5	36	370	92	5.09	1.22	3.81
274707	201	202	< 5	0.6	5.95	1080	1.0	< 2	1.81	< 0.5	21	362	57	3.85	1.34	2.34
274708	201	202	< 5	1.4	6.09	1150	1.5	4	1.19	< 0.5	24	608	95	4.49	1.14	2.62
274709	201	202	< 5	0.8	5.65	1020	1.0	< 2	1.66	< 0.5	10	105	54	2.53	1.21	0.92
274710	201	202	< 5	< 0.2	6.48	1100	1.0	< 2	1.14	< 0.5	21	247	41	5.07	1.50	2.21
274711	201	202	< 5	< 0.2	6.14	1000	1.0	6	0.87	< 0.5	12	147	29	4.13	1.28	1.49
274712	201	202	< 5	< 0.2	5.10	1130	0.5	2	0.54	< 0.5	10	81	27	3.03	1.24	0.89
274713	201	202	< 5	< 0.2	4.92	1080	1.0	< 2	0.53	< 0.5	13	92	35	3.01	1.20	0.91

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 18-SEP-97
Invoice No. :19741625
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9741625

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)			
274674	201	202	1125	< 1	2.37	20	1610	< 2	241	0.44	181	< 10	98			
274675	201	202	695	3	2.53	13	1030	< 2	132	0.33	237	< 10	58			
274676	201	202	790	< 1	2.35	20	1470	< 2	254	0.42	138	< 10	70			
274677	201	202	1275	< 1	1.46	188	870	< 2	237	0.53	156	< 10	122			
274678	201	202	820	< 1	1.75	59	740	< 2	253	0.54	144	< 10	92			
274679	201	202	1120	< 1	1.79	29	1300	4	213	0.44	154	< 10	90			
274680	201	202	1340	< 1	1.37	322	600	< 2	277	0.71	190	< 10	92			
274681	201	202	930	< 1	2.25	40	1020	< 2	246	0.53	145	< 10	88			
274682	201	202	1015	< 1	1.55	113	1320	< 2	239	0.53	132	< 10	90			
274683	201	202	1340	< 1	2.22	41	1080	4	243	0.53	133	< 10	100			
274684	201	202	770	1	2.57	17	1170	4	532	0.32	74	< 10	62			
274685	201	202	1065	1	2.46	26	1040	4	295	0.50	133	< 10	96			
274686	201	202	550	2	2.72	8	910	2	499	0.27	63	< 10	54			
274687	201	202	1235	< 1	1.87	96	800	< 2	302	0.64	169	< 10	102			
274688	201	202	1305	< 1	0.90	311	730	4	130	0.56	160	< 10	118			
274689	201	202	930	1	2.08	55	580	< 2	245	0.56	128	< 10	82			
274690	201	202	1030	1	1.90	58	760	2	255	0.51	127	< 10	86			
274691	201	202	1095	< 1	0.96	845	360	< 2	132	0.32	88	< 10	84			
274692	201	202	1020	< 1	1.47	93	840	< 2	254	0.65	162	< 10	104			
274693	201	202	1085	1	1.42	126	960	< 2	229	0.56	153	< 10	94			
274694	201	202	1130	< 1	0.64	899	460	< 2	99	0.30	100	< 10	84			
274695	201	202	965	< 1	0.40	1005	540	< 2	75	0.15	85	< 10	90			
274696	201	202	1025	1	1.46	84	930	6	198	0.42	124	< 10	108			
274697	201	202	1325	1	2.02	93	670	4	229	0.55	180	< 10	108			
274698	201	202	1345	3	2.04	153	710	< 2	232	0.54	155	< 10	112			
274699	201	202	1260	< 1	1.78	195	760	< 2	263	0.62	162	< 10	102			
274700	201	202	1295	< 1	0.81	409	710	16	121	0.39	138	< 10	132			
274701	201	202	1325	< 1	0.48	549	720	22	68	0.32	130	< 10	138			
274702	201	202	1075	< 1	0.68	63	820	20	112	0.40	115	< 10	108			
274703	201	202	1595	< 1	0.74	71	950	30	133	0.40	119	< 10	126			
274704	201	202	1425	< 1	0.76	58	860	36	134	0.38	120	< 10	140			
274705	201	202	520	1	2.15	60	1360	6	319	0.35	102	< 10	76			
274706	201	202	940	< 1	1.41	223	1180	< 2	194	0.57	156	< 10	94			
274707	201	202	610	1	1.61	202	2050	< 2	248	0.45	140	< 10	104			
274708	201	202	805	3	1.10	445	2270	2	199	0.28	154	< 10	116			
274709	201	202	540	1	1.58	66	2790	4	320	0.25	74	< 10	54			
274710	201	202	615	1	1.11	123	850	6	140	0.46	170	< 10	106			
274711	201	202	525	2	1.00	68	540	8	121	0.38	145	< 10	80			
274712	201	202	875	1	0.95	34	880	8	102	0.31	132	< 10	82			
274713	201	202	625	< 1	0.91	48	580	8	88	0.28	128	< 10	78			

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 18-SEP-97
Invoice No. : I9741625
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9741625

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)
274714	201	202	< 5	< 0.2	4.62	920	0.5	2	0.50	< 0.5	6	76	25	2.93	1.18	0.71
274715	201	202	< 5	< 0.2	5.99	670	0.5	2	2.24	< 0.5	15	198	27	3.43	1.25	2.41
274716	201	202	< 5	< 0.2	5.82	680	0.5	< 2	2.37	< 0.5	20	260	41	4.98	0.91	2.75
274717	201	202	< 5	< 0.2	5.82	720	0.5	2	1.73	< 0.5	13	198	46	4.09	1.13	1.87
274718	201	202	< 5	< 0.2	6.16	840	1.5	< 2	0.75	< 0.5	5	67	20	3.16	1.89	0.64
274719	201	202	< 5	< 0.2	6.61	840	0.5	< 2	1.68	< 0.5	17	107	51	4.66	1.10	1.72
274720	201	202	< 5	< 0.2	7.27	1020	1.0	< 2	2.42	< 0.5	17	126	54	4.34	1.49	1.96
274721	201	202	< 5	< 0.2	6.51	960	0.5	2	1.41	< 0.5	11	94	37	3.60	1.63	1.12
274722	201	202	< 5	< 0.2	7.22	830	1.0	< 2	1.80	< 0.5	5	25	22	1.89	2.01	0.71
274723	201	202	< 5	< 0.2	6.15	950	0.5	< 2	2.31	< 0.5	20	156	52	4.62	1.19	2.12
274724	201	202	< 5	< 0.2	6.31	820	0.5	2	1.81	< 0.5	9	115	31	2.94	1.27	1.35
274725	201	202	< 5	< 0.2	6.48	950	0.5	< 2	1.66	< 0.5	15	107	56	3.93	1.42	1.56
274726	201	202	< 5	< 0.2	6.48	770	1.0	< 2	1.59	< 0.5	8	68	33	1.93	1.83	0.75
274727	201	202	< 5	< 0.2	7.19	990	0.5	2	1.41	< 0.5	11	66	38	4.63	1.35	1.21
274728	201	202	< 5	< 0.2	6.65	920	0.5	2	2.06	< 0.5	18	138	49	4.76	1.24	2.02
274729	201	202	< 5	< 0.2	6.13	710	0.5	2	0.96	< 0.5	18	180	63	5.32	1.42	2.84
274730	201	202	< 5	< 0.2	5.01	760	0.5	2	1.04	< 0.5	69	901	99	6.39	0.73	8.60
274731	201	202	< 5	< 0.2	2.56	170	< 0.5	< 2	0.41	< 0.5	118	1515	75	7.59	0.04	14.05
274732	201	202	< 5	0.6	7.94	790	0.5	< 2	2.40	< 0.5	38	180	169	6.24	1.43	3.20
274733	201	202	< 5	< 0.2	7.78	880	0.5	< 2	2.45	< 0.5	37	97	195	6.99	1.63	4.08
274734	201	202	< 5	< 0.2	6.87	770	0.5	2	1.96	< 0.5	7	24	29	2.72	1.85	0.85
274735	201	202	< 5	< 0.2	7.07	900	0.5	< 2	2.22	< 0.5	11	56	40	4.21	1.75	1.33
274736	201	202	< 5	< 0.2	7.43	820	1.0	2	2.13	< 0.5	18	81	101	4.80	1.52	1.95
274737	201	202	< 5	< 0.2	6.69	720	1.0	< 2	1.61	< 0.5	14	60	59	4.95	1.33	1.37
274738	201	202	< 5	< 0.2	7.07	670	0.5	< 2	2.30	< 0.5	16	59	32	5.67	1.45	1.60
274739	201	202	< 5	< 0.2	6.39	630	0.5	4	1.85	< 0.5	11	60	27	4.67	1.47	1.10
274740	201	202	< 5	< 0.2	7.08	510	0.5	< 2	1.45	< 0.5	18	55	60	6.14	1.12	1.80
274741	201	202	20	< 0.2	6.61	510	0.5	< 2	1.85	< 0.5	13	34	36	4.89	0.95	1.13
274742	201	202	10	< 0.2	6.79	560	0.5	2	2.96	< 0.5	22	74	106	5.18	1.17	2.28
274743	201	202	< 5	< 0.2	6.46	710	0.5	2	2.00	< 0.5	8	16	36	2.28	1.79	0.81
274744	201	202	< 5	< 0.2	6.71	540	0.5	< 2	3.11	< 0.5	19	57	91	5.04	1.24	1.99
274745	201	202	< 5	< 0.2	6.71	560	0.5	< 2	3.33	< 0.5	20	44	60	5.47	1.25	2.12
274746	201	202	< 5	< 0.2	6.92	550	0.5	2	3.60	< 0.5	20	54	40	6.29	1.12	2.28
274747	201	202	< 5	< 0.2	6.81	630	0.5	2	2.30	< 0.5	22	73	47	6.48	1.27	2.80
274748	201	202	< 5	< 0.2	6.97	650	0.5	2	3.51	< 0.5	26	81	83	5.65	1.22	3.30
274749	201	202	< 5	< 0.2	6.67	570	0.5	2	1.76	< 0.5	25	61	54	5.87	1.15	2.20
274750	201	202	< 5	< 0.2	6.18	690	0.5	< 2	1.73	< 0.5	14	61	56	4.19	1.33	1.64
274751	201	202	< 5	< 0.2	6.24	710	0.5	< 2	1.42	0.5	15	88	48	4.76	1.42	1.79
274752	201	202	< 5	< 0.2	6.18	680	0.5	< 2	1.37	< 0.5	18	104	71	4.72	1.05	2.04
274753	201	202	< 5	< 0.2	5.67	580	0.5	< 2	2.04	< 0.5	6	14	49	1.89	1.31	0.66

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

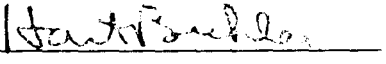
To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 18-SEP-97
Invoice No. : I9741625
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9741625

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)			
274714	201	202	440	< 1	0.86	29	1170	8	101	0.36	139	< 10	72			
274715	201	202	735	< 1	1.96	108	1770	4	277	0.54	136	< 10	62			
274716	201	202	755	2	1.60	133	1640	< 2	206	0.65	177	< 10	82			
274717	201	202	545	1	1.82	86	2000	< 2	266	0.46	128	< 10	62			
274718	201	202	350	1	1.34	16	600	10	168	0.43	138	< 10	56			
274719	201	202	940	< 1	1.74	54	1050	4	225	0.40	142	< 10	82			
274720	201	202	675	1	1.96	62	730	< 2	332	0.46	146	< 10	74			
274721	201	202	710	1	1.72	39	1570	4	257	0.37	132	< 10	68			
274722	201	202	415	< 1	2.80	9	1060	4	541	0.27	62	< 10	50			
274723	201	202	1005	1	1.74	83	1600	4	208	0.46	160	< 10	96			
274724	201	202	390	< 1	1.58	49	1040	6	236	0.53	146	< 10	54			
274725	201	202	820	< 1	1.50	51	1230	< 2	252	0.32	125	< 10	76			
274726	201	202	570	1	2.40	29	960	< 2	454	0.23	56	< 10	50			
274727	201	202	805	< 1	2.17	31	1150	< 2	245	0.35	140	< 10	76			
274728	201	202	755	1	1.65	68	760	< 2	235	0.40	158	< 10	88			
274729	201	202	520	1	1.21	148	530	< 2	141	0.42	201	< 10	74			
274730	201	202	965	< 1	0.75	631	740	< 2	119	0.37	156	< 10	98			
274731	201	202	895	< 1	0.09	1130	340	< 2	29	0.30	92	< 10	98			
274732	201	202	1405	< 1	1.91	96	690	< 2	243	0.39	267	< 10	86			
274733	201	202	1470	< 1	1.79	25	700	< 2	249	0.32	318	< 10	88			
274734	201	202	475	1	2.59	5	840	< 2	458	0.26	126	< 10	50			
274735	201	202	580	< 1	1.92	12	920	< 2	325	0.36	218	< 10	66			
274736	201	202	790	< 1	2.02	29	640	< 2	281	0.40	229	< 10	80			
274737	201	202	655	< 1	2.04	20	440	< 2	249	0.40	238	< 10	68			
274738	201	202	720	< 1	2.01	15	470	< 2	265	0.42	299	< 10	70			
274739	201	202	610	< 1	1.88	12	560	< 2	225	0.45	261	< 10	68			
274740	201	202	865	< 1	2.13	16	550	< 2	189	0.43	305	< 10	84			
274741	201	202	970	< 1	2.27	9	630	8	317	0.39	284	< 10	82			
274742	201	202	865	< 1	1.93	18	370	< 2	302	0.32	269	< 10	68			
274743	201	202	630	1	2.39	4	1210	< 2	479	0.22	85	< 10	48			
274744	201	202	1065	< 1	1.68	13	1220	< 2	338	0.32	226	< 10	78			
274745	201	202	1160	3	1.51	13	1060	< 2	277	0.32	259	< 10	70			
274746	201	202	1070	1	1.69	13	660	< 2	341	0.36	285	< 10	80			
274747	201	202	985	1	1.78	21	930	< 2	221	0.33	249	< 10	72			
274748	201	202	1085	< 1	2.03	23	590	< 2	337	0.31	271	< 10	68			
274749	201	202	1320	< 1	1.92	18	880	< 2	209	0.34	248	< 10	82			
274750	201	202	590	< 1	1.85	21	440	< 2	241	0.36	188	< 10	72			
274751	201	202	635	1	1.77	40	720	< 2	201	0.36	222	< 10	106			
274752	201	202	710	< 1	1.69	50	640	< 2	170	0.30	238	< 10	74			
274753	201	202	495	1	2.03	7	1640	< 2	406	0.19	58	< 10	42			

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

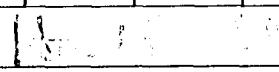
To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 18-SEP-97
Invoice No. :19741625
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9741625

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)
274754	201 202	< 5	< 0.2	6.59	900	1.0	2	1.80	< 0.5	14	124	35	3.31	1.52	1.52
274755	201 202	< 5	< 0.2	6.31	820	1.0	4	1.62	< 0.5	11	102	20	3.05	1.41	1.28
274756	201 202	< 5	< 0.2	6.59	920	1.0	< 2	1.74	< 0.5	13	139	37	3.34	1.33	1.43
274757	201 202	< 5	< 0.2	6.24	820	1.0	2	1.80	< 0.5	13	117	23	3.23	1.26	1.43
274758	201 202	< 5	< 0.2	5.64	780	0.5	< 2	2.33	< 0.5	8	84	23	2.27	1.40	0.95
274759	201 202	< 5	< 0.2	3.69	650	0.5	< 2	3.47	< 0.5	6	60	41	1.55	0.88	0.68
274760	201 202	< 5	< 0.2	6.34	880	0.5	2	1.77	< 0.5	14	148	20	3.35	1.35	1.68
274761	201 202	< 5	< 0.2	4.75	590	0.5	2	2.69	< 0.5	4	35	129	1.40	1.25	0.48
274762	201 202	< 5	< 0.2	6.46	780	1.0	< 2	2.00	< 0.5	9	54	60	2.38	1.65	0.89
274763	201 202	< 5	< 0.2	4.81	610	0.5	2	2.92	< 0.5	8	37	48	1.84	1.12	0.74
274764	201 202	< 5	< 0.2	4.47	590	0.5	< 2	2.64	< 0.5	3	12	54	1.12	1.19	0.39
274765	201 202	< 5	< 0.2	6.15	1010	1.5	< 2	1.55	< 0.5	15	105	35	3.69	1.58	1.43
274766	201 202	< 5	< 0.2	7.02	840	1.0	< 2	1.31	< 0.5	11	69	26	4.02	1.86	0.89
274767	201 202	< 5	< 0.2	5.25	660	0.5	< 2	2.40	< 0.5	8	53	54	2.15	1.20	0.92
274768	201 202	< 5	< 0.2	4.38	590	0.5	< 2	3.15	< 0.5	9	41	79	1.98	0.96	0.77
274769	201 202	< 5	< 0.2	5.08	600	0.5	2	2.56	< 0.5	8	37	44	2.03	1.26	0.78
274770	201 202	10	< 0.2	6.29	760	1.0	< 2	2.35	< 0.5	14	105	57	3.62	1.30	1.58
274771	201 202	< 5	< 0.2	4.57	640	0.5	2	2.66	< 0.5	10	68	56	2.22	0.95	1.01
274772	201 202	< 5	< 0.2	6.18	730	0.5	< 2	2.25	< 0.5	14	120	24	3.56	1.27	1.74
274773	201 202	< 5	< 0.2	6.12	750	1.0	< 2	2.40	< 0.5	10	65	81	2.72	1.42	1.10
274774	201 202	< 5	< 0.2	6.51	820	1.5	< 2	2.35	< 0.5	16	126	95	3.82	1.34	1.70
274775	201 202	< 5	< 0.2	6.29	850	1.0	< 2	2.08	< 0.5	16	135	58	3.64	1.37	1.85
274776	201 202	< 5	0.4	5.61	870	1.0	< 2	2.18	< 0.5	11	86	111	2.99	1.12	1.15
274777	201 202	< 5	0.2	6.72	1060	1.0	< 2	1.91	< 0.5	17	121	75	4.24	1.53	1.83
274778	201 202	< 5	0.8	6.60	1090	1.5	< 2	2.05	< 0.5	13	83	117	3.45	1.39	1.34
274779	201 202	< 5	< 0.2	6.56	920	1.0	2	2.09	< 0.5	16	88	45	3.84	1.48	1.72
274780	201 202	< 5	< 0.2	6.08	920	1.0	< 2	2.14	< 0.5	12	60	40	3.13	1.45	1.21
274781	201 202	< 5	< 0.2	6.48	1110	1.5	2	1.83	< 0.5	12	81	34	3.17	1.64	1.28
274782	201 202	< 5	< 0.2	6.10	1130	1.5	< 2	2.17	< 0.5	12	76	53	2.94	1.56	1.09
274783	201 202	< 5	< 0.2	5.30	860	0.5	< 2	2.61	< 0.5	12	54	53	2.73	1.19	1.11
274784	201 202	< 5	< 0.2	6.11	970	1.0	2	2.64	< 0.5	13	66	69	3.23	1.39	1.29

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 18-SEP-97
Invoice No. : I9741625
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9741625

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)			
274754	201	202	685	< 1	1.82	58	620	12	234	0.41	127	< 10	74			
274755	201	202	465	< 1	1.78	42	620	< 2	213	0.39	117	< 10	62			
274756	201	202	580	< 1	1.70	61	700	4	211	0.40	141	< 10	78			
274757	201	202	565	2	1.74	46	540	< 2	223	0.43	137	< 10	60			
274758	201	202	455	1	1.75	36	570	< 2	311	0.27	78	< 10	54			
274759	201	202	425	1	1.03	36	1080	< 2	257	0.17	50	< 10	52			
274760	201	202	645	< 1	1.82	70	390	8	223	0.39	123	< 10	70			
274761	201	202	300	1	1.62	25	1030	6	366	0.15	38	< 10	56			
274762	201	202	505	1	2.01	29	720	4	377	0.23	81	< 10	72			
274763	201	202	630	1	1.40	20	940	4	322	0.18	63	< 10	58			
274764	201	202	480	1	1.51	18	740	4	343	0.11	28	< 10	36			
274765	201	202	660	< 1	1.33	44	700	8	173	0.40	145	< 10	82			
274766	201	202	595	1	2.53	18	660	6	332	0.40	150	< 10	78			
274767	201	202	430	< 1	1.42	27	740	4	293	0.23	82	< 10	62			
274768	201	202	585	3	1.00	30	1170	4	269	0.15	68	< 10	62			
274769	201	202	450	1	1.50	23	820	4	324	0.20	70	< 10	60			
274770	201	202	625	1	1.73	49	550	4	236	0.40	152	< 10	74			
274771	201	202	500	< 1	1.15	35	900	4	213	0.26	88	< 10	62			
274772	201	202	595	< 1	1.68	47	480	4	231	0.47	139	< 10	72			
274773	201	202	555	1	1.78	37	1090	4	343	0.29	91	< 10	70			
274774	201	202	720	2	1.49	67	1230	6	240	0.40	141	< 10	82			
274775	201	202	690	2	1.69	70	620	4	231	0.43	159	< 10	76			
274776	201	202	565	1	1.10	57	1240	4	230	0.27	109	< 10	72			
274777	201	202	795	< 1	1.40	62	600	8	223	0.40	185	< 10	86			
274778	201	202	650	< 1	1.41	56	1010	6	284	0.28	131	< 10	74			
274779	201	202	705	< 1	1.65	39	600	4	257	0.43	179	< 10	70			
274780	201	202	635	2	1.62	27	770	4	291	0.32	135	< 10	64			
274781	201	202	520	1	1.56	36	600	10	253	0.40	135	< 10	72			
274782	201	202	630	2	1.38	37	810	10	242	0.35	117	< 10	76			
274783	201	202	685	< 1	1.19	28	820	6	258	0.27	112	< 10	82			
274784	201	202	795	< 1	1.43	31	840	6	295	0.32	141	< 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

A9741656

Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

CERTIFICATE A9741656

(GP W) - WESTMIN RESOURCES LTD.

Project: 6409
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 24-SEP-97.

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	201	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	201	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	201	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	201	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	201	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	201	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	201	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	201	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	201	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	201	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	201	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	201	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	201	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	201	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	201	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	201	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	201	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	201	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	201	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	201	Pb ppm: 24 element, rock & core	AAS	2	10000
582	201	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	201	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	201	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	201	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	201	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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 24-SEP-97
Invoice No. : I9741656
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9741656

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)
274373	201 202	< 5	< 0.2	6.71	1140	0.5	< 2	0.54	< 0.5	4	58	25	2.61	1.62	0.64
274374	201 202	< 5	< 0.2	3.49	670	0.5	< 2	1.83	1.5	7	31	15	2.23	0.91	0.47
274375	201 202	< 5	< 0.2	7.64	900	2.0	2	1.66	< 0.5	9	65	28	2.62	2.95	0.65
274376	201 202	< 5	< 0.2	7.86	980	2.0	< 2	1.62	< 0.5	8	70	25	2.47	3.20	0.74
274377	201 202	< 5	< 0.2	7.22	880	1.5	< 2	1.13	< 0.5	9	56	27	2.51	2.50	0.63
274378	201 202	< 5	< 0.2	9.76	900	2.5	4	0.54	< 0.5	9	73	20	3.08	2.69	0.74
274379	201 202	< 5	< 0.2	7.51	760	1.5	< 2	1.32	< 0.5	7	47	25	2.50	1.78	0.56
274380	201 202	< 5	< 0.2	10.55	970	3.0	< 2	0.29	< 0.5	13	82	30	4.14	3.38	0.90
274381	201 202	< 5	< 0.2	11.00	1330	3.0	< 2	0.22	< 0.5	11	94	23	4.24	4.74	1.22
274382	201 202	< 5	< 0.2	11.55	1160	3.0	< 2	0.22	< 0.5	13	118	16	4.95	2.18	1.48
274383	201 202	< 5	< 0.2	8.00	880	2.0	< 2	0.59	< 0.5	11	64	26	3.08	3.07	0.76
274384	201 202	< 5	< 0.2	9.31	850	2.0	< 2	1.38	< 0.5	10	66	29	3.53	1.99	0.76
274385	201 202	< 5	< 0.2	6.95	640	1.5	2	0.21	< 0.5	3	52	9	1.79	2.30	0.43
274386	201 202	< 5	< 0.2	8.27	770	2.0	< 2	0.52	< 0.5	9	55	13	2.85	3.17	0.55
274387	201 202	< 5	< 0.2	8.01	730	1.0	2	0.78	< 0.5	3	36	12	1.82	2.44	0.52
274388	201 202	< 5	< 0.2	9.33	930	2.5	< 2	0.33	< 0.5	16	71	61	4.40	2.00	0.89
274389	201 202	< 5	< 0.2	7.58	980	1.5	< 2	1.08	< 0.5	5	52	19	2.16	2.54	0.70
274390	201 202	< 5	< 0.2	7.38	820	1.5	< 2	0.36	< 0.5	10	62	32	3.14	1.91	0.67
274391	201 202	< 5	< 0.2	6.01	660	0.5	< 2	0.77	< 0.5	5	35	15	1.81	1.64	0.45
274392	201 202	< 5	< 0.2	6.97	710	1.0	< 2	0.68	< 0.5	3	48	10	1.64	1.59	0.50
274393	201 202	< 5	< 0.2	7.54	840	1.5	< 2	0.89	< 0.5	6	55	15	2.58	1.95	0.75
274394	201 202	< 5	< 0.2	8.41	770	2.0	< 2	0.32	< 0.5	15	56	44	4.32	1.99	0.75
274395	201 202	< 5	< 0.2	7.02	690	1.5	2	0.53	< 0.5	4	50	16	2.64	2.18	0.61
274396	201 202	< 5	< 0.2	7.87	920	1.5	2	0.82	< 0.5	6	55	16	2.64	2.80	0.79
274397	201 202	< 5	< 0.2	8.13	930	2.0	< 2	1.38	< 0.5	9	65	42	3.18	2.68	0.87
274398	201 202	< 5	< 0.2	6.91	870	1.5	< 2	1.10	< 0.5	6	43	22	2.41	1.88	0.72
274399	201 202	< 5	< 0.2	4.82	620	1.0	< 2	2.71	< 0.5	5	36	34	1.49	1.18	0.63
274400	201 202	< 5	< 0.2	6.14	1000	1.5	< 2	1.72	< 0.5	6	48	30	2.22	1.89	0.83
274401	201 202	10	< 0.2	7.58	880	2.0	< 2	2.04	< 0.5	6	53	40	2.43	1.86	0.84
274402	201 202	< 5	< 0.2	5.21	1070	0.5	< 2	1.24	0.5	8	50	20	2.51	1.30	0.78
274403	201 202	< 5	< 0.2	5.55	2160	0.5	< 2	0.69	1.0	9	51	26	2.03	1.26	1.33
274404	201 202	< 5	< 0.2	6.35	2720	1.0	< 2	0.51	0.5	9	40	46	2.73	1.79	0.84
274405	201 202	< 5	< 0.2	6.24	1110	1.0	4	1.07	< 0.5	5	44	18	2.60	1.81	0.76
274406	201 202	55	18.0	7.65	1940	1.5	< 2	1.36	1.5	7	42	124	2.93	2.12	1.07
274407	201 202	10	< 0.2	6.94	1410	1.5	< 2	1.05	1.5	10	74	66	3.42	1.75	1.02
274408	201 202	5	< 0.2	6.77	1170	1.0	< 2	1.01	< 0.5	6	47	23	2.17	2.14	0.63
274409	201 202	< 5	< 0.2	7.12	830	1.0	< 2	0.95	< 0.5	4	58	19	2.28	1.09	0.66
274410	201 202	< 5	< 0.2	6.71	820	1.0	< 2	1.11	< 0.5	3	29	21	1.76	1.53	0.50
274411	201 202	< 5	< 0.2	6.97	790	1.0	< 2	1.43	< 0.5	6	17	19	1.84	1.73	0.59
274412	201 202	< 5	< 0.2	6.93	950	1.5	2	1.09	0.5	10	54	24	3.33	1.67	0.70

CERTIFICATION: Ita Jt Sechler

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 24-SEP-97
Invoice No. : I9741656
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9741656

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)
274373	201 202	210	< 1	1.32	12	450	8	102	0.41	157	< 10	52
274374	201 202	2330	< 1	0.61	13	960	10	100	0.21	60	< 10	86
274375	201 202	515	< 1	0.85	27	800	20	128	0.21	80	< 10	70
274376	201 202	375	< 1	0.79	29	750	14	149	0.25	93	< 10	74
274377	201 202	480	< 1	0.92	23	760	20	139	0.21	78	< 10	64
274378	201 202	210	< 1	1.05	27	460	18	86	0.25	95	< 10	78
274379	201 202	455	1	1.24	17	780	16	231	0.18	66	< 10	66
274380	201 202	340	< 1	0.74	34	690	16	48	0.19	98	< 10	98
274381	201 202	355	< 1	0.63	29	530	10	37	0.26	119	< 10	86
274382	201 202	375	< 1	0.50	36	750	16	21	0.29	132	< 10	98
274383	201 202	1020	< 1	0.71	20	520	40	69	0.23	80	< 10	80
274384	201 202	500	< 1	1.20	20	930	34	229	0.25	87	< 10	88
274385	201 202	125	< 1	1.19	11	320	10	65	0.25	90	< 10	48
274386	201 202	715	< 1	1.33	18	520	36	115	0.21	81	< 10	74
274387	201 202	240	< 1	2.15	7	350	8	284	0.23	68	< 10	52
274388	201 202	940	< 1	1.11	27	680	12	84	0.25	101	< 10	112
274389	201 202	220	< 1	1.36	15	540	6	187	0.23	81	< 10	52
274390	201 202	390	< 1	1.13	22	520	8	100	0.17	84	< 10	54
274391	201 202	245	< 1	1.65	10	610	6	236	0.18	63	< 10	42
274392	201 202	190	< 1	1.53	9	460	4	201	0.28	81	< 10	36
274393	201 202	315	1	1.42	17	550	8	166	0.28	85	< 10	64
274394	201 202	410	< 1	1.36	26	680	44	104	0.24	78	< 10	192
274395	201 202	255	1	1.44	15	610	20	151	0.25	85	< 10	90
274396	201 202	295	< 1	1.59	19	430	10	192	0.28	87	< 10	70
274397	201 202	555	1	1.15	26	870	22	261	0.19	86	< 10	100
274398	201 202	520	< 1	1.35	18	550	12	210	0.22	70	< 10	102
274399	201 202	885	1	0.70	16	950	12	167	0.15	51	< 10	56
274400	201 202	455	< 1	0.97	22	840	10	175	0.23	78	< 10	76
274401	201 202	515	1	0.68	20	910	22	137	0.18	77	< 10	74
274402	201 202	795	< 1	1.08	18	600	10	169	0.23	96	< 10	186
274403	201 202	605	< 1	0.45	25	650	6	83	0.20	81	< 10	166
274404	201 202	990	< 1	0.64	32	710	10	132	0.24	93	< 10	204
274405	201 202	320	1	1.49	15	470	8	244	0.33	101	< 10	76
274406	201 202	635	3	0.67	20	970	1600	145	0.27	98	< 10	560
274407	201 202	585	< 1	1.03	33	530	18	166	0.36	132	< 10	428
274408	201 202	595	< 1	1.69	14	680	10	278	0.38	104	< 10	78
274409	201 202	295	< 1	1.54	13	600	10	243	0.45	124	< 10	66
274410	201 202	305	1	2.09	6	720	8	357	0.29	80	< 10	68
274411	201 202	410	< 1	2.45	6	380	8	489	0.24	55	< 10	62
274412	201 202	1520	< 1	1.70	16	1070	14	280	0.44	107	< 10	116

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 24-SEP-97
Invoice No. :19741656
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9741656

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)
274413	201	202	< 5	< 0.2	6.02	940	1.5	8	1.14	< 0.5	8	86	21	3.44	1.52	0.94
274414	201	202	< 5	< 0.2	6.35	980	1.0	< 2	0.65	0.5	8	78	23	4.11	1.62	1.12
274415	201	202	< 5	< 0.2	7.26	880	0.5	< 2	1.28	< 0.5	26	97	84	4.48	1.01	1.70
274416	201	202	< 5	< 0.2	5.35	740	0.5	< 2	0.57	0.5	8	42	11	2.53	1.12	0.78
274417	201	202	< 5	< 0.2	4.97	610	1.0	< 2	2.51	0.5	9	50	15	2.53	1.01	2.02
274418	201	202	< 5	< 0.2	5.13	680	0.5	< 2	0.71	< 0.5	5	28	12	2.09	1.19	0.71
274419	201	202	< 5	< 0.2	4.17	580	0.5	< 2	0.54	0.5	5	27	11	1.65	0.89	0.86
274420	201	202	< 5	< 0.2	4.59	580	0.5	< 2	0.61	0.5	4	30	10	1.75	1.07	0.74
274421	201	202	< 5	< 0.2	5.48	880	0.5	< 2	0.74	< 0.5	6	45	14	2.49	1.28	0.72
274422	201	202	< 5	< 0.2	6.12	1010	1.5	< 2	1.52	1.0	9	55	20	2.81	1.23	0.84
274423	201	202	< 5	< 0.2	7.27	1990	1.5	< 2	1.09	< 0.5	17	76	56	3.16	2.22	1.18
274424	201	202	< 5	< 0.2	5.44	840	1.0	< 2	1.05	0.5	8	45	18	3.06	1.29	0.66
274425	201	202	< 5	< 0.2	6.36	860	1.0	< 2	0.69	0.5	6	47	14	2.68	1.54	0.61
274426	201	202	< 5	< 0.2	4.97	860	0.5	< 2	0.56	< 0.5	4	31	15	2.47	1.31	0.57
274427	201	202	< 5	< 0.2	5.78	1820	1.0	< 2	0.45	< 0.5	2	33	25	1.72	2.08	0.89
274428	201	202	< 5	< 0.2	6.88	2080	1.5	< 2	1.82	0.5	25	58	87	2.09	2.95	0.92
274429	201	202	< 5	0.4	7.53	2100	1.5	< 2	0.84	0.5	21	57	51	3.32	2.14	1.36
274430	201	202	< 5	< 0.2	6.86	970	1.0	< 2	0.65	0.5	3	41	16	2.14	1.77	0.53
274431	201	202	< 5	< 0.2	6.66	1010	1.0	< 2	0.75	0.5	5	44	17	3.30	1.90	0.50
274432	201	202	< 5	< 0.2	6.46	1030	1.0	< 2	0.54	< 0.5	4	53	15	2.87	1.93	0.53
274433	201	202	< 5	< 0.2	6.18	1170	1.0	< 2	0.62	< 0.5	5	65	17	2.83	1.68	0.75
274434	201	202	< 5	< 0.2	7.21	1390	2.0	< 2	1.40	< 0.5	6	65	36	2.82	2.19	0.94
274435	201	202	< 5	< 0.2	7.40	1330	1.5	< 2	1.02	< 0.5	11	63	20	3.00	2.11	0.77
274436	201	202	< 5	< 0.2	7.06	1150	1.0	< 2	0.78	0.5	5	54	17	2.49	2.16	0.54
274437	201	202	< 5	< 0.2	6.61	1000	1.5	< 2	0.67	0.5	11	53	26	3.58	1.71	0.66
274438	201	202	< 5	< 0.2	7.23	1270	1.5	2	0.50	1.0	19	63	22	2.85	2.08	0.45
274439	201	202	< 5	< 0.2	6.72	940	1.0	2	1.28	0.5	4	18	20	1.55	1.89	0.47
274440	201	202	< 5	0.8	6.71	1100	1.0	< 2	0.45	1.0	13	62	20	3.87	1.71	0.65
274441	201	202	< 5	< 0.2	6.19	990	1.0	< 2	0.53	< 0.5	2	43	15	1.83	1.67	0.36
274442	201	202	< 5	< 0.2	6.87	1630	1.5	< 2	0.32	< 0.5	9	53	36	4.12	1.68	1.20
274443	201	202	< 5	< 0.2	7.16	1610	1.5	< 2	0.61	0.5	6	37	25	3.05	1.97	0.85
274444	201	202	< 5	< 0.2	6.44	1370	1.5	< 2	0.38	0.5	9	54	24	3.35	1.73	0.73
274445	201	202	< 5	< 0.2	6.43	1290	1.0	< 2	0.53	< 0.5	3	50	17	3.04	1.75	0.74
274446	201	202	< 5	0.6	8.25	1450	1.5	< 2	1.66	< 0.5	4	36	31	2.22	2.17	0.66
274447	201	202	< 5	< 0.2	5.98	1220	1.0	< 2	0.41	< 0.5	3	54	25	3.40	1.62	0.70
274448	201	202	< 5	< 0.2	6.54	1410	1.0	< 2	0.31	< 0.5	2	66	24	3.56	1.94	0.80
274449	201	202	< 5	< 0.2	6.56	1560	1.5	< 2	0.20	< 0.5	3	68	50	4.21	1.75	0.84
274450	201	202	< 5	< 0.2	7.27	1100	1.5	< 2	1.34	< 0.5	3	16	19	1.93	2.13	0.56
274451	201	202	< 5	< 0.2	6.90	1450	1.5	< 2	0.41	< 0.5	2	70	23	3.96	1.95	0.72
274452	201	202	< 5	1.2	6.10	1160	1.5	< 2	0.56	< 0.5	5	65	24	3.51	1.67	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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 24-SEP-97
Invoice No. : I9741656
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9741656

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)			
274413	201	202	410	< 1	1.39	32	310	12	188	0.38	113	< 10	80			
274414	201	202	380	< 1	1.33	22	610	24	140	0.39	127	< 10	114			
274415	201	202	435	< 1	1.48	23	600	12	213	0.34	125	< 10	112			
274416	201	202	1025	< 1	0.94	17	340	10	119	0.22	77	< 10	86			
274417	201	202	920	< 1	0.65	30	520	12	90	0.20	78	< 10	64			
274418	201	202	560	< 1	1.16	11	300	6	203	0.22	64	< 10	56			
274419	201	202	835	< 1	0.78	13	230	6	131	0.17	56	< 10	50			
274420	201	202	350	1	0.93	11	300	6	144	0.19	61	< 10	48			
274421	201	202	895	< 1	1.03	16	310	10	142	0.26	85	< 10	60			
274422	201	202	1325	< 1	1.14	20	630	12	157	0.28	90	< 10	106			
274423	201	202	1355	< 1	1.01	21	470	88	168	0.20	108	< 10	90			
274424	201	202	1510	< 1	0.97	26	560	14	156	0.19	77	< 10	66			
274425	201	202	440	< 1	1.21	15	440	10	174	0.27	91	< 10	74			
274426	201	202	585	< 1	0.90	15	470	4	152	0.18	64	< 10	64			
274427	201	202	135	< 1	0.79	12	360	< 2	138	0.25	74	< 10	62			
274428	201	202	615	< 1	0.57	55	1040	12	117	0.28	126	< 10	180			
274429	201	202	1000	< 1	0.81	55	740	12	101	0.25	120	< 10	194			
274430	201	202	280	< 1	1.51	10	470	8	215	0.28	97	< 10	78			
274431	201	202	305	< 1	1.62	12	1180	6	235	0.26	102	< 10	88			
274432	201	202	230	< 1	1.25	13	590	8	165	0.31	123	< 10	64			
274433	201	202	245	< 1	1.13	19	410	12	158	0.32	107	< 10	94			
274434	201	202	200	< 1	0.66	28	640	10	192	0.22	102	< 10	104			
274435	201	202	470	< 1	1.15	20	400	12	170	0.31	105	< 10	86			
274436	201	202	420	< 1	1.47	11	520	12	201	0.37	102	< 10	132			
274437	201	202	650	< 1	1.38	18	1630	10	175	0.34	115	< 10	116			
274438	201	202	790	< 1	1.07	11	720	16	174	0.34	130	< 10	202			
274439	201	202	310	< 1	2.32	6	560	6	440	0.21	52	< 10	66			
274440	201	202	475	< 1	1.32	20	1430	10	156	0.29	107	< 10	152			
274441	201	202	190	< 1	1.36	9	590	6	184	0.29	99	< 10	66			
274442	201	202	320	1	0.87	32	460	12	118	0.32	124	< 10	106			
274443	201	202	330	< 1	1.36	17	520	8	213	0.24	108	< 10	116			
274444	201	202	580	< 1	0.96	24	560	6	130	0.23	117	< 10	108			
274445	201	202	285	< 1	1.25	17	620	6	156	0.29	118	< 10	82			
274446	201	202	515	< 1	1.95	15	830	8	389	0.16	87	< 10	62			
274447	201	202	215	< 1	1.13	18	670	8	133	0.28	118	< 10	72			
274448	201	202	185	< 1	0.88	15	860	16	112	0.34	137	< 10	78			
274449	201	202	175	< 1	0.75	34	1690	14	97	0.19	115	< 10	122			
274450	201	202	315	< 1	2.48	6	320	4	465	0.21	57	< 10	52			
274451	201	202	205	< 1	0.99	17	500	14	129	0.32	118	< 10	64			
274452	201	202	245	< 1	1.04	24	420	14	125	0.34	105	< 10	78			

CERTIFICATION: Stewart Bradshaw

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Page Number :3-A
Total Pages :6
Certificate Date: 24-SEP-97
Invoice No. :19741656
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9741656

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)
274453	201	202	< 5	< 0.2	6.74	1290	1.0	< 2	0.75	< 0.5	4	50	16	2.65	1.96	0.44
274454	201	202	< 5	< 0.2	6.91	1430	1.5	< 2	0.57	< 0.5	19	52	33	3.83	1.65	0.81
274455	201	202	< 5	< 0.2	6.87	1490	1.5	< 2	0.50	< 0.5	4	64	21	2.67	2.19	0.42
274456	201	202	< 5	< 0.2	5.82	1280	1.5	< 2	0.59	< 0.5	6	62	19	3.15	1.71	0.75
274457	201	202	< 5	< 0.2	5.73	1020	1.0	6	0.67	1.0	8	72	12	2.85	1.61	0.62
274458	201	202	< 5	< 0.2	5.62	1100	1.0	< 2	0.47	< 0.5	4	69	16	2.60	1.81	0.52
274459	201	202	< 5	< 0.2	5.72	870	1.0	< 2	0.63	< 0.5	3	47	15	2.05	1.59	0.47
274460	201	202	< 5	< 0.2	5.96	820	1.0	< 2	1.02	1.5	3	26	22	1.62	1.63	0.43
274461	201	202	< 5	< 0.2	6.31	940	1.0	< 2	0.81	< 0.5	3	42	20	2.43	1.89	0.54
274462	201	202	< 5	< 0.2	5.53	980	1.0	< 2	0.53	< 0.5	5	69	21	3.48	1.63	0.69
274463	201	202	< 5	< 0.2	6.76	870	1.0	< 2	1.28	< 0.5	8	23	22	2.02	1.73	0.58
274464	201	202	< 5	< 0.2	5.04	880	0.5	< 2	0.93	< 0.5	35	765	33	3.85	0.94	6.14
274465	201	202	< 5	< 0.2	4.56	620	0.5	< 2	1.81	< 0.5	35	765	64	2.92	0.84	4.69
274466	201	202	< 5	< 0.2	5.60	710	0.5	< 2	1.12	< 0.5	29	703	19	4.04	1.25	5.76
274467	201	202	< 5	< 0.2	4.65	720	0.5	< 2	1.53	< 0.5	20	351	29	2.68	1.06	3.33
274468	201	202	< 5	< 0.2	4.62	590	0.5	< 2	1.06	< 0.5	30	806	17	3.82	1.13	5.77
274469	201	202	< 5	< 0.2	4.23	740	0.5	< 2	1.26	< 0.5	23	599	28	3.09	0.96	4.00
274470	201	202	< 5	< 0.2	4.15	770	0.5	< 2	0.96	< 0.5	37	875	26	3.75	1.02	6.16
274471	201	202	< 5	< 0.2	5.78	850	1.0	< 2	1.85	< 0.5	6	75	32	1.76	1.51	1.07
274472	201	202	< 5	< 0.2	5.68	1290	1.5	< 2	1.11	< 0.5	15	316	27	3.54	1.57	2.73
274473	201	202	< 5	< 0.2	5.94	1760	1.5	< 2	1.08	< 0.5	24	400	48	3.59	1.57	3.70
274474	201	202	< 5	0.6	5.18	1420	0.5	< 2	1.38	< 0.5	11	60	47	1.58	1.24	0.80
274475	201	202	< 5	< 0.2	5.02	1590	1.0	< 2	1.55	0.5	5	83	45	1.86	1.57	1.03
274476	201	202	< 5	< 0.2	3.53	660	0.5	< 2	2.47	< 0.5	3	52	46	1.20	0.77	0.84
274477	201	202	< 5	< 0.2	5.60	710	1.0	< 2	1.29	< 0.5	11	110	24	2.08	1.60	1.25
274478	201	202	< 5	< 0.2	6.09	1050	1.5	10	0.31	< 0.5	13	125	26	3.34	2.55	1.25
274479	201	202	< 5	< 0.2	5.53	660	0.5	< 2	1.04	< 0.5	11	340	18	3.83	1.40	2.20
274480	201	202	< 5	< 0.2	5.59	880	1.0	< 2	1.11	< 0.5	31	385	41	4.36	0.93	3.16
274481	201	202	< 5	< 0.2	5.31	700	1.0	< 2	1.29	< 0.5	11	416	34	2.72	1.17	2.59
274482	201	202	< 5	< 0.2	4.46	530	0.5	< 2	0.60	< 0.5	50	696	27	4.35	0.79	5.66
274483	201	202	< 5	< 0.2	3.00	450	0.5	< 2	0.70	< 0.5	74	1475	14	4.08	0.62	11.00
274484	201	202	< 5	< 0.2	3.41	530	0.5	< 2	0.61	< 0.5	58	1300	19	4.84	0.80	8.74
274485	201	202	< 5	< 0.2	2.57	400	0.5	< 2	0.54	< 0.5	72	1055	28	3.92	0.62	12.90
274486	201	202	< 5	< 0.2	3.52	720	0.5	< 2	0.74	< 0.5	37	1355	30	4.89	0.80	8.68
274487	201	202	< 5	< 0.2	2.55	490	0.5	< 2	0.56	< 0.5	48	1570	20	5.14	0.54	11.40
274488	201	202	< 25	< 0.2	3.10	500	0.5	< 2	0.55	< 0.5	76	1825	16	5.64	0.68	9.80
274489	201	202	< 5	< 0.2	6.58	900	1.0	< 2	1.00	< 0.5	22	425	66	3.65	1.55	2.09
274490	201	202	< 5	< 0.2	5.11	730	0.5	< 2	1.09	< 0.5	15	405	31	3.87	1.13	2.61
274491	201	202	< 5	< 0.2	4.98	640	0.5	< 2	0.92	< 0.5	9	133	33	4.52	1.07	1.23
274492	201	202	< 5	< 0.2	5.16	610	0.5	< 2	1.07	< 0.5	9	123	32	5.05	1.05	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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 24-SEP-97
Invoice No. : I9741656
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9741656

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)
274453	201 202	330	< 1	1.52	14	810	12	239	0.31	102	< 10	96
274454	201 202	1260	< 1	1.25	26	1060	18	179	0.30	109	< 10	100
274455	201 202	225	< 1	1.11	18	780	12	197	0.31	111	< 10	88
274456	201 202	495	< 1	1.03	21	1290	12	117	0.30	100	< 10	84
274457	201 202	415	< 1	1.47	21	450	14	157	0.34	100	< 10	98
274458	201 202	285	1	1.19	24	570	10	146	0.34	106	< 10	74
274459	201 202	295	< 1	1.38	10	600	12	187	0.30	88	< 10	66
274460	201 202	250	< 1	2.08	8	870	8	320	0.25	58	< 10	68
274461	201 202	285	< 1	1.81	12	820	8	276	0.30	89	< 10	62
274462	201 202	290	< 1	1.17	23	980	10	148	0.33	107	< 10	76
274463	201 202	2080	< 1	2.47	7	550	10	419	0.24	56	< 10	54
274464	201 202	625	< 1	1.17	610	310	6	132	0.32	100	< 10	62
274465	201 202	560	< 1	1.32	861	1440	< 2	256	0.14	71	< 10	56
274466	201 202	580	< 1	1.76	398	510	< 2	253	0.31	98	< 10	74
274467	201 202	565	< 1	1.48	613	770	4	257	0.27	77	< 10	50
274468	201 202	495	< 1	1.51	385	370	2	238	0.27	79	< 10	56
274469	201 202	510	< 1	1.20	482	640	4	181	0.26	81	< 10	48
274470	201 202	720	< 1	0.98	433	800	4	131	0.33	105	< 10	70
274471	201 202	405	< 1	2.21	207	1070	6	419	0.18	49	< 10	44
274472	201 202	555	< 1	1.33	236	600	6	162	0.40	137	< 10	86
274473	201 202	585	< 1	1.52	279	880	6	194	0.30	126	< 10	122
274474	201 202	440	< 1	1.52	108	1590	6	335	0.14	56	< 10	44
274475	201 202	225	< 1	0.91	95	820	6	253	0.18	100	< 10	56
274476	201 202	315	< 1	1.04	175	1410	4	302	0.11	34	< 10	28
274477	201 202	485	< 1	1.79	103	580	8	318	0.21	55	< 10	46
274478	201 202	1045	< 1	1.00	71	420	26	83	0.46	88	< 10	78
274479	201 202	615	< 1	1.84	74	710	6	265	0.36	105	< 10	70
274480	201 202	1080	< 1	1.68	162	690	4	217	0.37	111	< 10	70
274481	201 202	455	< 1	1.58	245	2210	4	270	0.27	77	< 10	66
274482	201 202	650	< 1	1.11	399	770	2	119	0.28	100	< 10	72
274483	201 202	1150	< 1	0.72	917	670	< 2	77	0.18	72	< 10	60
274484	201 202	770	< 1	0.87	960	580	< 2	88	0.21	72	< 10	62
274485	201 202	955	< 1	0.83	1455	320	< 2	111	0.15	53	< 10	50
274486	201 202	675	< 1	0.95	895	480	< 2	109	0.28	88	< 10	62
274487	201 202	720	< 1	0.74	1125	400	< 2	77	0.19	67	< 10	56
274488	201 202	1170	< 1	0.71	971	1070	< 2	82	0.19	73	< 10	68
274489	201 202	525	< 1	1.94	362	810	4	315	0.22	84	< 10	86
274490	201 202	680	< 1	1.54	157	1870	2	219	0.37	117	< 10	58
274491	201 202	630	< 1	1.27	49	1550	4	149	0.40	134	< 10	72
274492	201 202	695	< 1	1.35	43	1490	2	153	0.43	143	< 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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 24-SEP-97
Invoice No. : I9741656
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9741656

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)
274493	201 202	< 5	< 0.2	5.17	970	1.0	< 2	1.01	< 0.5	30	492	60	4.01	1.20	4.51
274494	201 202	< 5	< 0.2	6.09	750	1.0	2	1.46	< 0.5	15	153	71	3.67	1.38	1.88
274495	201 202	< 5	< 0.2	6.42	1310	1.5	< 2	1.80	< 0.5	22	119	183	3.92	1.30	1.68
274496	201 202	< 5	< 0.2	4.96	580	1.0	< 2	1.02	< 0.5	10	107	79	4.94	1.00	1.04
274497	201 202	< 5	< 0.2	4.46	600	0.5	< 2	0.76	< 0.5	80	801	93	4.10	0.91	8.35
274498	201 202	25	< 0.2	6.40	790	1.5	< 2	0.88	< 0.5	20	108	163	5.44	1.37	1.49
274499	201 202	10	< 0.2	5.51	660	1.0	< 2	0.87	< 0.5	14	120	87	4.03	1.20	1.23
274501	201 202	10	< 0.2	6.14	780	1.5	< 2	1.16	< 0.5	22	124	126	4.36	1.26	1.53
274502	201 202	< 5	< 0.2	5.59	760	1.5	2	1.13	< 0.5	22	106	151	4.19	1.18	1.26
274503	201 202	< 5	< 0.2	5.56	720	1.0	< 2	1.25	< 0.5	11	165	55	4.61	1.23	1.48
274504	201 202	< 5	< 0.2	4.54	710	0.5	< 2	0.81	< 0.5	11	323	25	3.66	1.05	1.88
274505	201 202	< 5	< 0.2	5.80	900	1.5	< 2	0.76	< 0.5	13	146	51	4.57	1.29	1.50
274506	201 202	< 5	< 0.2	2.98	400	0.5	< 2	0.52	< 0.5	84	1295	22	5.71	0.66	10.20
274507	201 202	< 5	< 0.2	5.35	800	1.0	< 2	1.14	< 0.5	32	430	29	3.98	1.08	4.04
274508	201 202	< 5	< 0.2	5.60	670	1.0	< 2	1.13	< 0.5	23	218	47	3.78	1.09	2.28
274509	201 202	< 5	< 0.2	5.05	750	0.5	< 2	1.00	< 0.5	35	584	48	4.15	0.99	6.67
274510	201 202	< 5	< 0.2	6.01	890	1.5	< 2	1.26	< 0.5	20	135	84	4.74	0.97	1.94
274511	201 202	< 5	< 0.2	4.88	880	1.5	< 2	1.01	< 0.5	14	83	55	3.83	1.09	1.13
274512	201 202	< 5	< 0.2	4.76	910	1.0	< 2	0.97	< 0.5	25	286	46	4.53	1.08	2.46
274513	201 202	< 5	< 0.2	5.30	680	0.5	< 2	0.98	< 0.5	23	275	39	4.68	0.99	2.96
274514	201 202	< 5	< 0.2	5.47	950	1.0	< 2	0.97	< 0.5	13	70	53	4.08	1.21	1.09
274515	201 202	5	< 0.2	6.14	1230	0.5	2	0.90	< 0.5	12	111	44	4.18	1.30	1.08
274516	201 202	10	< 0.2	5.14	1050	1.5	< 2	0.61	< 0.5	16	320	43	3.82	1.29	3.24
274517	201 202	25	< 0.2	7.30	1190	1.0	< 2	0.49	< 0.5	27	60	115	5.82	1.84	1.91
274518	201 202	10	< 0.2	5.43	980	1.0	< 2	0.29	< 0.5	18	153	57	3.92	1.23	1.42
274519	201 202	10	< 0.2	5.15	960	1.0	< 2	0.51	< 0.5	7	52	34	4.01	1.47	0.87
274520	201 202	10	< 0.2	7.10	2180	2.0	< 2	0.21	< 0.5	10	90	58	4.07	2.72	1.25
274521	201 202	10	0.4	5.31	1120	1.5	6	0.27	< 0.5	4	73	20	3.37	1.86	0.74
274522	201 202	< 5	< 0.2	5.47	1100	1.5	< 2	0.28	< 0.5	2	71	25	2.82	1.93	0.67
274523	201 202	20	< 0.2	7.02	1770	2.0	< 2	0.13	< 0.5	11	75	43	3.72	2.63	1.30
274524	201 202	10	< 0.2	8.57	2870	2.0	6	0.20	0.5	13	110	44	4.06	3.06	1.53
274525	201 202	< 5	< 0.2	10.85	2510	2.5	< 2	0.30	0.5	20	155	48	5.18	3.84	2.91
274526	201 202	< 5	0.2	8.59	2540	1.5	< 2	0.35	0.5	17	116	29	4.09	2.87	2.54
274527	201 202	< 5	0.2	9.09	3380	2.0	< 2	0.36	0.5	10	30	43	2.83	3.19	2.19
274528	201 202	< 5	< 0.2	8.86	2730	1.5	< 2	0.38	0.5	11	57	60	4.07	2.91	1.66
274529	201 202	< 5	0.2	8.72	3880	2.0	< 2	0.64	0.5	8	49	89	3.08	2.77	1.93
274530	201 202	10	< 0.2	8.81	3930	2.0	2	0.63	0.5	11	59	71	3.81	3.15	1.67
274531	201 202	15	< 0.2	7.32	3940	1.5	< 2	0.30	0.5	10	42	60	3.21	2.78	1.40
274532	201 202	10	< 0.2	7.71	3020	1.5	< 2	0.79	0.5	10	47	60	3.41	2.79	1.38
274533	201 202	< 5	< 0.2	8.64	3000	1.5	< 2	0.40	0.5	10	20	44	2.93	2.85	1.99

CERTIFICATION: Ian Bradden

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 24-SEP-97
Invoice No. : I9741656
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9741656

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)			
274493	201	202	735	< 1	1.37	530	430	4	161	0.33	109	< 10	68			
274494	201	202	710	< 1	2.01	130	880	4	303	0.38	110	< 10	70			
274495	201	202	870	< 1	1.83	154	860	4	316	0.34	116	< 10	84			
274496	201	202	580	< 1	1.30	39	1410	< 2	162	0.39	133	< 10	66			
274497	201	202	835	< 1	0.98	827	800	< 2	100	0.26	99	< 10	72			
274498	201	202	835	< 1	1.40	46	920	16	151	0.47	163	< 10	100			
274499	201	202	510	1	1.34	52	570	6	138	0.40	121	< 10	68			
274501	201	202	795	1	1.63	53	590	2	155	0.44	137	< 10	76			
274502	201	202	735	< 1	1.38	68	630	4	164	0.38	120	< 10	68			
274503	201	202	805	< 1	1.65	53	700	4	177	0.47	142	< 10	80			
274504	201	202	935	< 1	1.15	100	1960	6	124	0.37	105	< 10	68			
274505	201	202	505	< 1	1.31	76	830	4	132	0.40	142	< 10	68			
274506	201	202	965	< 1	0.80	714	940	< 2	70	0.19	83	< 10	68			
274507	201	202	615	< 1	1.74	285	560	4	150	0.35	119	< 10	62			
274508	201	202	530	< 1	1.84	214	450	4	174	0.37	121	< 10	60			
274509	201	202	710	< 1	1.42	563	530	4	134	0.31	102	< 10	58			
274510	201	202	710	< 1	1.55	109	1210	4	155	0.41	148	< 10	76			
274511	201	202	1080	< 1	1.35	37	1360	4	145	0.37	116	< 10	76			
274512	201	202	1395	< 1	1.42	122	1900	2	139	0.39	117	< 10	74			
274513	201	202	1195	< 1	1.58	117	1710	4	122	0.42	140	< 10	78			
274514	201	202	895	< 1	1.60	25	1160	6	144	0.41	134	< 10	70			
274515	201	202	530	< 1	1.42	42	1070	4	166	0.42	163	< 10	72			
274516	201	202	565	< 1	1.18	182	940	4	98	0.33	136	< 10	90			
274517	201	202	1570	< 1	1.45	19	650	8	81	0.21	183	< 10	94			
274518	201	202	1000	1	1.30	59	760	8	68	0.24	126	< 10	58			
274519	201	202	665	< 1	1.45	19	1440	6	128	0.25	103	< 10	72			
274520	201	202	490	< 1	0.56	40	700	22	64	0.40	113	< 10	86			
274521	201	202	415	< 1	0.86	16	910	12	69	0.31	111	< 10	62			
274522	201	202	250	< 1	0.79	13	1400	10	82	0.30	122	< 10	52			
274523	201	202	450	< 1	0.72	32	710	22	49	0.31	137	< 10	104			
274524	201	202	580	< 1	0.72	42	830	56	68	0.34	139	< 10	126			
274525	201	202	700	< 1	1.12	80	830	20	51	0.33	166	< 10	154			
274526	201	202	590	< 1	1.28	47	820	18	54	0.21	121	< 10	90			
274527	201	202	380	< 1	0.64	23	650	18	58	0.24	74	< 10	76			
274528	201	202	830	< 1	0.72	37	800	12	42	0.31	156	< 10	106			
274529	201	202	385	< 1	0.91	43	830	10	85	0.23	119	< 10	116			
274530	201	202	470	< 1	0.66	39	810	10	65	0.26	152	< 10	106			
274531	201	202	585	< 1	0.71	33	830	8	39	0.27	120	< 10	98			
274532	201	202	435	< 1	0.82	34	1030	6	72	0.28	125	< 10	106			
274533	201	202	450	< 1	1.10	22	760	6	47	0.31	81	< 10	84			

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Page Number :5-A
Total Pages :6
Certificate Date: 24-SEP-97
Invoice No. : I9741656
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9741656

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)
274534	201	202	< 5	< 0.2	8.38	2850	2.0	< 2	0.32	0.5	7	15	61	2.74	2.34	2.56
274535	201	202	< 5	< 0.2	9.50	3600	2.0	< 2	0.28	0.5	9	22	76	3.02	2.42	2.77
274536	201	202	< 5	< 0.2	7.41	5200	1.5	< 2	0.37	0.5	10	25	74	2.65	2.01	1.30
274537	201	202	< 5	< 0.2	6.67	2130	1.0	< 2	0.95	0.5	5	19	30	2.24	1.66	0.93
274538	201	202	< 5	< 0.2	6.42	860	1.0	< 2	0.54	< 0.5	18	129	23	3.88	1.52	2.16
274539	201	202	< 5	< 0.2	7.09	690	0.5	< 2	0.23	0.5	22	186	19	4.79	0.98	3.63
274540	201	202	< 5	< 0.2	6.96	770	0.5	< 2	0.59	< 0.5	16	156	30	4.78	1.31	2.72
274541	201	202	10	0.2	6.90	910	1.5	< 2	0.73	< 0.5	15	129	27	4.21	1.41	2.22
274542	201	202	20	< 0.2	9.55	2220	1.5	< 2	0.65	< 0.5	10	95	31	3.67	2.82	1.82
274543	201	202	10	< 0.2	6.49	830	0.5	< 2	0.72	< 0.5	9	114	20	4.03	1.31	2.13
274544	201	202	5	1.8	8.68	1710	1.5	6	0.24	0.5	7	169	42	4.08	3.35	1.02
274545	201	202	5	< 0.2	7.68	2740	2.0	< 2	0.75	0.5	15	66	58	3.44	2.45	1.37
274546	201	202	< 5	< 0.2	6.42	1630	1.5	< 2	0.61	< 0.5	15	65	40	3.42	1.80	0.92
274547	201	202	< 5	< 0.2	6.50	2270	1.5	2	0.57	0.5	15	56	31	3.28	1.80	1.02
274548	201	202	25	< 0.2	6.89	2130	1.5	< 2	0.74	< 0.5	9	37	47	3.03	1.66	1.12
274549	201	202	< 10	< 0.2	9.33	4920	2.5	< 2	0.80	1.0	23	27	134	3.34	2.57	3.07
274550	201	202	< 5	< 0.2	6.31	1590	1.0	2	1.07	0.5	9	23	28	2.35	1.51	1.25
274551	201	202	< 5	< 0.2	7.83	2350	1.5	< 2	0.37	0.5	10	31	42	2.90	2.13	2.07
274552	201	202	< 5	< 0.2	6.43	1090	1.5	< 2	0.57	< 0.5	9	69	39	3.73	1.84	1.15
274553	201	202	< 5	< 0.2	4.71	670	0.5	2	0.39	< 0.5	4	52	23	2.41	1.35	0.44
274554	201	202	< 5	< 0.2	5.65	850	0.5	< 2	1.10	0.5	4	32	26	1.86	1.39	0.46
274555	201	202	< 5	< 0.2	5.65	820	0.5	2	0.67	< 0.5	6	58	20	2.60	1.50	0.75
274556	201	202	< 5	< 0.2	5.21	1160	1.0	< 2	0.51	0.5	8	58	23	2.91	1.36	0.87
274557	201	202	< 5	< 0.2	4.47	1170	0.5	< 2	0.33	0.5	5	35	17	2.16	1.05	0.72
274558	201	202	< 5	< 0.2	7.12	1410	1.5	< 2	2.10	< 0.5	7	21	44	2.18	2.05	0.89
274559	201	202	< 5	< 0.2	4.39	720	0.5	< 2	0.51	1.0	5	21	14	2.06	0.98	0.64
274560	201	202	< 5	< 0.2	5.99	1160	1.5	< 2	1.17	< 0.5	7	43	21	2.64	1.42	0.97
274561	201	202	< 5	< 0.2	6.46	1230	1.0	< 2	0.31	< 0.5	5	37	16	3.38	1.28	1.48
274562	201	202	< 5	< 0.2	5.28	810	1.0	< 2	0.83	< 0.5	7	26	26	2.23	1.15	0.82
274563	201	202	< 5	< 0.2	5.70	920	0.5	< 2	0.49	0.5	7	27	20	2.61	0.84	1.33
274564	201	202	< 5	< 0.2	6.37	1570	1.5	< 2	0.44	< 0.5	5	55	29	3.15	1.95	0.82
274565	201	202	< 5	< 0.2	4.69	1080	0.5	< 2	1.42	0.5	5	44	17	2.28	1.04	0.46
274566	201	202	< 5	< 0.2	4.85	870	0.5	< 2	1.58	0.5	8	27	23	2.08	1.14	0.43
274567	201	202	< 5	0.6	3.65	1030	0.5	< 2	2.41	1.0	7	40	18	2.65	0.82	0.77
274568	201	202	< 5	0.4	4.98	2520	1.0	< 2	1.85	0.5	10	68	56	3.14	1.43	0.62
274569	201	202	< 5	0.2	4.66	1070	0.5	< 2	1.99	1.0	6	19	22	1.90	1.16	0.53
274570	201	202	< 5	0.4	4.39	1690	0.5	< 2	1.25	0.5	10	53	28	2.57	0.95	0.88
274571	201	202	< 5	< 0.2	8.19	3400	1.5	< 2	0.92	0.5	9	32	44	2.86	2.23	2.86
274572	201	202	10	< 0.2	8.90	5280	1.5	< 2	0.72	1.5	24	21	118	3.37	1.99	4.22
274573	201	202	< 5	< 0.2	5.97	1780	1.0	< 2	0.41	0.5	10	28	29	3.06	1.06	1.72

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 24-SEP-97
Invoice No. : I9741656
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9741656

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)			
274534	201	202	275	< 1	1.16	17	670	8	62	0.20	78	< 10	72			
274535	201	202	570	< 1	1.10	23	640	10	75	0.23	95	< 10	82			
274536	201	202	1210	< 1	0.45	25	640	10	149	0.20	100	< 10	86			
274537	201	202	520	< 1	1.56	11	1250	6	288	0.23	71	< 10	62			
274538	201	202	465	< 1	1.01	33	490	8	112	0.25	144	< 10	78			
274539	201	202	1295	1	1.23	32	610	4	40	0.14	170	< 10	106			
274540	201	202	345	1	1.29	41	510	6	118	0.23	163	< 10	94			
274541	201	202	790	1	1.33	40	940	10	160	0.26	142	< 10	92			
274542	201	202	315	1	0.45	46	400	10	101	0.32	152	< 10	116			
274543	201	202	305	1	1.11	31	420	8	107	0.22	137	< 10	82			
274544	201	202	320	11	0.32	59	1100	14	221	0.34	241	< 10	162			
274545	201	202	450	< 1	1.19	49	840	10	142	0.35	141	< 10	98			
274546	201	202	505	< 1	1.26	31	460	14	152	0.35	127	< 10	90			
274547	201	202	1000	< 1	1.20	32	800	10	137	0.38	106	< 10	78			
274548	201	202	900	< 1	0.84	26	720	10	116	0.32	96	< 10	72			
274549	201	202	960	< 1	1.00	38	1030	10	100	0.36	127	< 10	110			
274550	201	202	1180	< 1	1.68	14	580	8	281	0.28	74	< 10	66			
274551	201	202	315	< 1	0.99	23	840	12	86	0.39	92	< 10	72			
274552	201	202	275	< 1	1.11	38	320	12	133	0.34	120	< 10	72			
274553	201	202	420	< 1	1.22	17	450	10	98	0.35	109	< 10	42			
274554	201	202	245	< 1	1.61	11	490	8	230	0.27	77	< 10	48			
274555	201	202	875	< 1	1.31	21	1050	10	198	0.34	100	< 10	54			
274556	201	202	580	< 1	1.03	29	650	14	115	0.32	96	< 10	60			
274557	201	202	285	< 1	1.03	18	730	8	77	0.27	70	< 10	50			
274558	201	202	555	< 1	1.62	14	860	6	380	0.25	77	< 10	72			
274559	201	202	900	< 1	1.26	12	560	10	166	0.23	59	< 10	62			
274560	201	202	760	< 1	1.49	20	780	10	251	0.35	90	< 10	64			
274561	201	202	275	< 1	1.27	18	580	8	100	0.30	94	< 10	72			
274562	201	202	960	< 1	1.43	15	620	10	272	0.21	65	< 10	62			
274563	201	202	765	< 1	1.51	14	470	10	122	0.25	76	< 10	62			
274564	201	202	295	< 1	0.82	20	310	14	123	0.30	126	< 10	66			
274565	201	202	695	< 1	0.85	17	790	8	131	0.21	91	< 10	112			
274566	201	202	1200	1	1.23	16	1420	8	286	0.18	60	< 10	70			
274567	201	202	2360	1	0.64	31	1520	6	112	0.16	72	< 10	72			
274568	201	202	1130	16	0.78	66	2720	10	189	0.22	109	< 10	164			
274569	201	202	2660	1	1.15	15	1180	6	266	0.14	47	< 10	56			
274570	201	202	1855	1	0.80	32	1590	8	102	0.20	86	< 10	78			
274571	201	202	335	< 1	0.97	31	720	16	79	0.26	82	< 10	94			
274572	201	202	385	< 1	0.91	43	740	10	37	0.34	149	< 10	148			
274573	201	202	795	< 1	1.09	20	510	8	82	0.24	86	< 10	72			

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 24-SEP-97
Invoice No. : I9741656
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9741656

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)
274574	201	202	10	< 0.2	5.42	1490	1.5	2	1.27	1.0	11	48	39	2.82	1.31	0.92

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Page Number :6-B
Total Pages :6
Certificate Date: 24-SEP-97
Invoice No. :I9741656
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9741656

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)			
274574	201	202	1570	< 1	1.05	35	1530	14	127	0.26	83	< 10	66			

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

A9741662

Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

CERTIFICATE A9741662

(GP W) - WESTMIN RESOURCES LTD.

Project: 6409
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 25-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	205	Dry, sieve to -80 mesh
202	205	save reject
285	205	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	197	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	205	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	205	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	205	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	205	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	205	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	205	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	205	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	205	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	205	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	205	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	205	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	205	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	205	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	205	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	205	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	205	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	205	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	205	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	205	Pb ppm: 24 element, rock & core	AAS	2	10000
582	205	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	205	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	205	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	205	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	205	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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 25-SEP-97
Invoice No. :19741662
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9741662

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)
274575	201	202	< 5	< 0.2	7.29	2320	2.0	< 2	0.54	< 0.5	10	41	49	2.83	1.64	1.85
274576	201	202	< 5	< 0.2	5.85	1920	0.5	2	0.66	< 0.5	9	25	19	2.29	1.51	0.92
274577	201	202	< 5	< 0.2	6.44	1650	1.5	< 2	0.62	0.5	11	52	27	3.00	1.58	1.03
274578	201	202	< 5	< 0.2	8.11	2190	1.5	< 2	0.17	< 0.5	15	50	52	3.54	3.04	1.38
274579	201	202	< 5	< 0.2	8.80	2590	2.0	< 2	0.39	< 0.5	20	50	69	3.55	3.15	1.09
274580	201	202	< 5	< 0.2	9.77	2990	2.0	< 2	0.43	0.5	16	58	75	3.86	3.49	1.46
274581	201	202	< 5	< 0.2	9.59	2480	2.0	< 2	0.24	< 0.5	12	76	46	3.79	3.26	1.46
274582	201	202	< 5	< 0.2	10.40	2410	2.5	< 2	0.32	< 0.5	14	99	59	3.85	3.90	1.46
274583	201	202	< 5	< 0.2	7.38	2630	1.5	< 2	1.07	0.5	17	51	64	2.18	2.34	2.05
274584	201	202	< 5	< 0.2	8.85	4840	2.0	< 2	0.99	1.0	11	58	83	2.27	3.38	2.02
274585	201	202	< 5	< 0.2	6.83	2210	1.5	< 2	0.86	< 0.5	12	46	48	2.53	1.88	1.80
274586	201	202	10	< 0.2	8.52	1470	1.5	< 2	0.61	< 0.5	22	69	107	3.92	2.85	1.09
274587	201	202	10	< 0.2	8.18	1500	1.5	< 2	0.54	< 0.5	16	63	80	3.82	2.70	1.14
274588	201	202	10	< 0.2	6.21	990	1.5	< 2	0.44	< 0.5	10	62	32	3.39	1.93	0.79
274589	201	202	< 5	< 0.2	8.69	1590	2.0	< 2	0.34	< 0.5	14	86	59	3.80	2.97	1.07
274590	201	202	not/ss	< 0.2	6.35	1030	1.0	< 2	0.22	< 0.5	9	67	33	3.59	2.01	0.63
274591	201	202	< 5	< 0.2	5.44	860	1.0	< 2	0.31	< 0.5	7	62	29	2.53	1.62	0.65
274592	201	202	< 5	< 0.2	5.95	800	1.0	< 2	0.39	0.5	8	56	27	2.91	1.60	0.55
274593	201	202	< 5	< 0.2	6.09	990	1.0	< 2	0.46	< 0.5	8	74	21	3.36	1.86	0.84
274594	201	202	< 5	< 0.2	6.12	980	1.5	< 2	0.50	< 0.5	10	68	22	3.46	1.77	0.84
274595	201	202	< 5	< 0.2	6.71	1130	1.5	< 2	0.31	0.5	9	69	20	3.58	2.02	0.93
274596	201	202	< 5	< 0.2	6.71	1230	1.0	< 2	0.39	0.5	10	66	18	3.51	2.02	0.92
274597	201	202	< 5	< 0.2	5.47	1140	1.0	< 2	0.43	< 0.5	7	68	21	2.66	1.79	0.69
274598	201	202	< 5	< 0.2	6.29	1120	1.5	< 2	0.45	0.5	8	79	25	3.60	2.14	0.73
274599	201	202	< 5	< 0.2	6.51	1400	1.5	< 2	0.43	< 0.5	10	75	30	3.62	2.28	0.80
274600	201	202	< 5	< 0.2	5.48	1120	1.0	< 2	0.44	< 0.5	8	66	29	3.06	1.79	0.70
274601	201	202	< 5	< 0.2	5.94	1030	1.0	< 2	0.34	< 0.5	9	79	33	3.73	1.71	0.88
274602	201	202	< 5	< 0.2	6.29	1080	1.5	< 2	0.37	< 0.5	11	90	29	3.11	1.79	0.81
274603	201	202	< 5	< 0.2	7.22	1800	1.5	< 2	0.22	< 0.5	14	162	53	3.57	2.25	2.34
274604	201	202	< 5	< 0.2	8.10	2070	1.5	< 2	0.35	< 0.5	21	137	59	3.86	2.67	1.67
274605	201	202	< 5	0.6	8.88	3230	2.0	< 2	0.31	< 0.5	16	65	47	3.76	3.28	1.70
274606	201	202	< 5	< 0.2	6.20	1310	1.0	< 2	0.23	< 0.5	8	66	30	3.41	1.81	0.91
274607	201	202	10	< 0.2	9.36	2910	2.0	< 2	0.18	< 0.5	18	92	55	3.89	3.11	1.75
274608	201	202	< 5	< 0.2	8.18	2050	2.0	< 2	0.25	< 0.5	15	73	64	3.88	2.63	1.29
274609	201	202	< 5	< 0.2	8.07	1980	2.0	< 2	0.16	< 0.5	13	64	60	3.88	2.75	1.08
274610	201	202	< 5	< 0.2	9.13	1910	2.5	< 2	0.55	< 0.5	19	126	56	4.20	3.12	1.66
274611	201	202	< 5	< 0.2	8.46	2340	2.0	< 2	0.29	< 0.5	17	116	67	3.80	2.96	1.74
274612	201	202	< 5	< 0.2	6.85	1480	1.5	< 2	0.61	< 0.5	28	432	56	3.48	2.11	4.32
274613	201	202	< 5	< 0.2	6.76	960	1.0	< 2	1.12	< 0.5	8	48	25	2.37	1.95	0.82
274614	201	202	< 5	< 0.2	7.60	1270	1.5	< 2	0.59	< 0.5	15	84	41	3.54	2.55	1.02

CERTIFICATION: Stuart Bridden

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 25-SEP-97
Invoice No. : I9741662
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9741662

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)			
274575	201	202	975	1	1.09	25	850	10	102	0.29	96	< 10	80			
274576	201	202	1770	< 1	1.42	15	480	10	150	0.19	71	< 10	62			
274577	201	202	635	1	1.10	23	520	16	110	0.24	99	< 10	86			
274578	201	202	695	1	0.67	25	690	18	54	0.24	128	< 10	106			
274579	201	202	1115	< 1	0.70	30	880	26	112	0.26	137	< 10	102			
274580	201	202	1100	1	0.80	29	860	24	86	0.24	146	< 10	98			
274581	201	202	500	< 1	0.84	32	720	16	60	0.33	158	< 10	124			
274582	201	202	505	2	0.64	44	720	20	82	0.37	171	< 10	134			
274583	201	202	760	1	0.45	41	1330	8	54	0.31	133	< 10	152			
274584	201	202	760	< 1	0.63	36	1500	8	63	0.37	119	< 10	138			
274585	201	202	745	< 1	0.82	35	990	10	71	0.23	107	< 10	112			
274586	201	202	1910	2	0.97	37	820	90	186	0.30	139	< 10	96			
274587	201	202	1165	1	0.92	32	790	42	138	0.33	127	< 10	90			
274588	201	202	820	2	0.92	23	930	24	115	0.31	113	< 10	72			
274589	201	202	1150	< 1	0.67	29	570	34	79	0.29	148	< 10	84			
274590	201	202	1415	1	0.65	15	1850	20	69	0.27	123	< 10	66			
274591	201	202	455	2	0.87	23	1010	12	93	0.27	97	< 10	60			
274592	201	202	820	2	0.98	15	3060	12	122	0.29	98	< 10	66			
274593	201	202	485	1	0.93	25	940	12	108	0.32	118	< 10	68			
274594	201	202	700	< 1	0.98	25	1100	14	106	0.33	107	< 10	74			
274595	201	202	555	2	0.95	23	1330	12	84	0.35	117	< 10	94			
274596	201	202	895	< 1	1.08	21	1690	12	105	0.33	121	< 10	118			
274597	201	202	305	1	0.89	20	820	14	106	0.33	112	< 10	78			
274598	201	202	440	1	0.94	29	930	24	122	0.36	116	< 10	82			
274599	201	202	630	1	0.86	22	1050	20	109	0.34	129	< 10	82			
274600	201	202	530	1	0.76	23	2040	22	92	0.24	103	< 10	84			
274601	201	202	400	< 1	0.86	31	900	12	97	0.28	109	< 10	78			
274602	201	202	1255	1	0.95	31	950	18	124	0.30	109	< 10	82			
274603	201	202	610	< 1	0.58	100	710	20	65	0.32	123	< 10	104			
274604	201	202	1195	1	0.45	85	910	64	75	0.30	140	< 10	112			
274605	201	202	815	1	0.53	38	950	14	74	0.33	154	< 10	136			
274606	201	202	580	1	0.80	26	1180	12	75	0.28	113	< 10	80			
274607	201	202	635	< 1	0.49	53	590	12	58	0.38	160	< 10	120			
274608	201	202	755	1	0.75	35	600	24	80	0.38	147	< 10	102			
274609	201	202	510	< 1	0.69	33	600	26	90	0.36	142	< 10	106			
274610	201	202	1005	< 1	0.84	66	720	24	95	0.45	143	< 10	126			
274611	201	202	1070	< 1	0.56	76	910	18	58	0.37	147	< 10	132			
274612	201	202	1095	< 1	0.74	387	810	12	122	0.27	124	< 10	110			
274613	201	202	445	< 1	1.96	21	830	14	324	0.30	88	< 10	70			
274614	201	202	550	1	1.01	44	780	18	141	0.37	133	< 10	116			

CERTIFICATION: David Sutherland

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 25-SEP-97
Invoice No. : I9741662
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9741662

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)
274615	201	202	< 5	< 0.2	6.90	1160	1.5	< 2	1.35	< 0.5	6	47	26	1.96	2.16	0.70
274616	201	202	< 5	< 0.2	5.35	830	1.0	< 2	0.42	< 0.5	5	60	16	2.41	1.65	0.55
274617	201	202	< 5	< 0.2	6.49	930	1.0	< 2	0.99	< 0.5	7	42	22	2.45	1.95	0.69
274618	201	202	< 5	< 0.2	6.37	980	1.0	< 2	0.97	< 0.5	7	46	23	2.73	1.84	0.78
274619	201	202	< 5	< 0.2	9.72	2450	2.0	< 2	0.10	< 0.5	16	86	57	3.97	3.22	1.18
274620	201	202	< 5	< 0.2	7.94	1460	2.0	< 2	0.30	< 0.5	14	76	39	3.81	2.36	1.04
274621	201	202	< 5	0.4	7.81	1500	1.5	< 2	0.29	< 0.5	10	72	33	3.73	2.45	0.95
274622	201	202	< 5	< 0.2	8.31	1360	2.0	< 2	0.43	< 0.5	11	76	33	3.18	2.87	0.81
274623	201	202	< 5	< 0.2	10.05	1710	2.5	< 2	0.27	< 0.5	22	92	41	3.83	3.66	0.99
274624	201	202	< 5	< 0.2	8.89	1640	2.0	< 2	0.41	< 0.5	16	79	42	3.53	3.26	1.13
274625	201	202	< 5	< 0.2	6.27	1030	1.5	< 2	0.94	< 0.5	9	63	20	2.73	1.99	0.85
274626	201	202	< 5	< 0.2	6.91	1590	1.5	< 2	0.37	0.5	19	51	35	3.00	2.32	1.03
274627	201	202	< 5	< 0.2	6.28	1230	1.5	< 2	0.56	< 0.5	9	61	24	3.02	2.09	0.71
274628	201	202	< 5	< 0.2	6.72	1390	1.5	< 2	0.46	0.5	11	64	27	3.09	2.29	0.80
274629	201	202	< 5	< 0.2	6.16	1170	1.5	< 2	0.55	0.5	10	52	24	2.70	1.97	0.70
274630	201	202	< 5	< 0.2	6.67	1370	1.5	< 2	0.49	0.5	10	63	32	3.24	2.22	0.83
274631	201	202	< 5	0.4	9.98	2060	2.0	< 2	0.30	< 0.5	13	63	45	4.32	3.64	1.11
274632	201	202	< 5	< 0.2	8.50	1640	2.5	< 2	0.42	0.5	26	93	64	3.97	2.94	1.04
274633	201	202	< 5	< 0.2	7.69	1190	1.5	< 2	0.36	< 0.5	8	75	28	2.49	2.33	0.72
276214	201	202	< 5	< 0.2	6.80	1010	1.5	< 2	1.24	< 0.5	8	54	36	2.73	1.90	0.81
276215	201	202	< 5	< 0.2	6.22	1230	1.0	< 2	0.98	< 0.5	9	62	39	2.69	1.59	0.89
276216	201	202	< 5	< 0.2	6.95	880	1.0	< 2	1.04	< 0.5	7	52	22	2.99	1.81	0.73
276217	201	202	< 5	< 0.2	7.41	730	1.0	< 2	1.40	< 0.5	6	33	23	2.67	1.79	0.64
276218	201	202	< 5	< 0.2	7.23	740	1.0	< 2	1.37	< 0.5	7	38	17	2.46	1.72	0.63
276219	201	202	< 5	< 0.2	6.90	890	1.0	< 2	1.31	< 0.5	8	45	37	2.28	1.80	0.74
276220	201	202	< 5	< 0.2	7.42	710	0.5	< 2	1.36	< 0.5	10	52	23	3.19	1.71	0.74
276221	201	202	< 5	< 0.2	7.25	640	0.5	< 2	1.36	< 0.5	7	49	32	3.40	1.34	0.72
276222	201	202	< 5	< 0.2	7.71	580	0.5	< 2	1.86	< 0.5	7	41	25	3.04	1.34	0.72
276223	201	202	< 5	< 0.2	7.31	790	1.0	< 2	1.28	< 0.5	10	58	25	3.87	1.92	0.91
276224	201	202	< 5	< 0.2	7.39	670	0.5	< 2	1.63	< 0.5	10	43	24	3.07	1.55	0.78
276225	201	202	< 5	< 0.2	7.42	700	0.5	< 2	1.87	< 0.5	7	40	23	2.54	1.74	0.79
276226	201	202	< 5	< 0.2	7.81	550	0.5	< 2	2.62	< 0.5	12	34	39	3.22	1.11	0.77
276227	201	202	< 5	< 0.2	7.76	870	1.5	< 2	0.28	< 0.5	10	83	18	3.35	2.95	0.69
276228	201	202	< 5	< 0.2	7.28	790	1.5	< 2	0.58	< 0.5	7	61	15	2.45	2.34	0.61
276229	201	202	< 5	< 0.2	7.68	880	1.5	< 2	0.33	< 0.5	8	75	12	2.51	2.88	0.61
276230	201	202	< 5	< 0.2	7.64	880	1.5	< 2	0.69	< 0.5	6	61	14	2.19	2.61	0.58
276231	201	202	< 5	< 0.2	8.49	980	2.0	< 2	0.38	< 0.5	11	81	25	4.03	3.30	0.83
276232	201	202	< 5	< 0.2	8.68	900	1.5	< 2	0.72	< 0.5	7	47	18	2.50	3.24	0.61
276233	201	202	< 5	< 0.2	7.88	890	1.5	< 2	0.86	< 0.5	8	44	24	2.46	2.72	0.61
276234	201	202	< 5	< 0.2	7.57	760	1.5	< 2	0.45	< 0.5	7	62	16	2.92	2.55	0.59

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 25-SEP-97
Invoice No. : I9741662
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9741662

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)			
274615	201	202	380	< 1	1.95	15	780	16	367	0.31	88	< 10	62			
274616	201	202	375	1	0.92	16	1020	14	111	0.38	110	< 10	52			
274617	201	202	470	2	1.80	17	900	16	307	0.27	78	< 10	62			
274618	201	202	340	1	1.52	16	660	12	279	0.33	98	< 10	68			
274619	201	202	475	1	0.58	44	790	24	91	0.35	178	< 10	162			
274620	201	202	365	1	0.94	35	860	20	115	0.34	141	< 10	110			
274621	201	202	250	1	0.98	31	600	16	138	0.37	142	< 10	98			
274622	201	202	320	< 1	0.87	29	830	18	113	0.35	139	< 10	106			
274623	201	202	715	1	0.62	33	680	24	88	0.42	170	< 10	132			
274624	201	202	515	< 1	0.80	36	530	20	100	0.40	135	< 10	104			
274625	201	202	390	2	1.41	29	1010	16	182	0.33	104	< 10	70			
274626	201	202	1225	< 1	0.74	25	940	14	88	0.32	114	< 10	96			
274627	201	202	525	1	0.88	22	1200	18	118	0.32	113	< 10	94			
274628	201	202	800	1	0.94	24	1140	16	112	0.30	120	< 10	100			
274629	201	202	525	< 1	1.04	20	1080	18	140	0.29	98	< 10	80			
274630	201	202	615	1	1.01	25	1400	< 2	134	0.30	111	< 10	92			
274631	201	202	380	1	0.79	28	870	16	153	0.35	133	< 10	106			
274632	201	202	1285	1	0.61	50	1970	30	91	0.27	152	< 10	172			
274633	201	202	235	1	0.93	20	880	12	97	0.35	144	< 10	58			
276214	201	202	465	< 1	1.98	21	660	8	327	0.33	104	< 10	68			
276215	201	202	530	< 1	1.49	30	480	14	177	0.37	116	< 10	64			
276216	201	202	445	< 1	1.88	20	720	12	268	0.36	110	< 10	68			
276217	201	202	415	< 1	2.35	9	900	10	368	0.37	106	< 10	72			
276218	201	202	425	1	2.22	10	500	14	365	0.36	108	< 10	64			
276219	201	202	365	2	2.00	15	430	< 2	324	0.33	103	< 10	58			
276220	201	202	470	< 1	2.03	16	1160	4	285	0.44	129	< 10	122			
276221	201	202	400	< 1	1.89	12	790	8	221	0.47	155	< 10	82			
276222	201	202	480	< 1	2.20	9	900	10	312	0.51	155	< 10	84			
276223	201	202	415	1	1.59	18	1690	10	185	0.43	144	< 10	92			
276224	201	202	535	1	2.17	13	900	8	308	0.43	132	< 10	88			
276225	201	202	425	1	2.51	15	810	8	405	0.37	115	< 10	66			
276226	201	202	635	< 1	2.31	10	740	6	393	0.48	168	< 10	76			
276227	201	202	235	< 1	1.10	26	680	16	79	0.30	104	< 10	76			
276228	201	202	255	< 1	1.36	14	510	14	159	0.33	99	< 10	70			
276229	201	202	200	< 1	1.19	17	500	16	83	0.31	96	< 10	64			
276230	201	202	310	< 1	1.53	13	530	18	170	0.30	94	< 10	64			
276231	201	202	305	3	1.13	28	1120	16	109	0.28	101	< 10	94			
276232	201	202	275	< 1	1.82	13	650	8	267	0.25	76	< 10	84			
276233	201	202	480	< 1	1.90	15	480	12	298	0.24	70	< 10	84			
276234	201	202	245	1	1.36	18	950	8	134	0.30	94	< 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

Project : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Page Number :3-A
Total Pages :6
Certificate Date: 25-SEP-97
Invoice No. : I9741662
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9741662

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)
276235	201	202	< 5	< 0.2	8.53	880	1.5	< 2	0.61	< 0.5	8	61	23	3.02	3.18	0.70
276236	201	202	< 5	< 0.2	7.67	960	1.5	< 2	0.85	< 0.5	9	68	29	4.05	2.37	0.85
276237	201	202	< 5	< 0.2	8.45	890	2.0	< 2	0.35	< 0.5	11	77	28	3.83	2.98	0.79
276238	201	202	< 5	< 0.2	7.29	940	1.0	< 2	0.92	< 0.5	14	48	19	2.01	2.05	0.58
276239	201	202	< 5	< 0.2	6.77	880	0.5	< 2	1.11	0.5	6	52	21	2.15	1.81	0.59
276240	201	202	< 5	< 0.2	5.43	1290	0.5	< 2	1.84	< 0.5	9	44	62	1.76	1.23	0.75
276241	201	202	< 5	< 0.2	5.62	800	0.5	< 2	1.22	< 0.5	11	120	35	3.08	1.27	1.27
276242	201	202	< 5	< 0.2	5.89	910	0.5	< 2	1.12	1.5	12	55	31	2.72	1.49	0.81
276243	201	202	< 5	< 0.2	6.92	840	0.5	< 2	1.68	0.5	8	23	32	2.05	1.72	0.66
276244	201	202	< 5	< 0.2	6.84	910	1.0	< 2	1.30	< 0.5	14	74	32	3.58	1.49	1.11
276245	201	202	< 5	< 0.2	7.20	700	0.5	< 2	1.98	< 0.5	9	64	23	2.41	1.64	1.29
276246	201	202	< 5	< 0.2	7.99	790	0.5	< 2	2.04	0.5	19	49	37	3.92	1.36	0.98
276247	201	202	< 5	< 0.2	7.20	970	1.0	< 2	1.29	0.5	17	64	36	3.27	1.63	1.00
276248	201	202	< 5	< 0.2	7.40	1020	1.0	< 2	1.90	< 0.5	15	20	30	2.11	1.91	0.77
276249	201	202	< 5	< 0.2	7.14	940	1.0	< 2	1.73	2.5	10	8	25	1.41	2.16	0.59
276250	201	202	< 5	< 0.2	5.69	730	0.5	< 2	1.69	< 0.5	19	173	65	3.07	1.22	2.23
276251	201	202	< 5	< 0.2	6.57	980	0.5	< 2	1.56	< 0.5	23	184	67	3.97	1.40	2.37
276252	201	202	< 5	< 0.2	5.51	1020	0.5	< 2	1.13	1.5	15	42	28	1.96	1.46	0.64
276253	201	202	< 5	< 0.2	6.10	1220	0.5	< 2	1.19	< 0.5	18	195	48	3.83	1.43	2.54
276254	201	202	< 5	< 0.2	5.72	1150	0.5	< 2	1.50	0.5	37	34	21	1.63	1.58	0.71
276255	201	202	< 5	< 0.2	5.21	770	0.5	< 2	1.71	< 0.5	33	472	58	4.04	0.94	5.39
276256	201	202	< 5	< 0.2	6.18	680	0.5	< 2	2.01	< 0.5	7	14	50	1.39	1.50	0.61
276257	201	202	< 5	< 0.2	4.57	780	0.5	< 2	2.31	1.0	10	83	43	1.65	1.13	1.06
276258	201	202	< 5	< 0.2	5.01	860	1.0	< 2	3.02	2.0	16	165	75	2.26	1.37	2.89
276259	201	202	< 5	< 0.2	5.56	1260	1.5	< 2	2.85	1.5	14	184	75	2.58	1.58	2.74
276260	201	202	< 5	< 0.2	6.57	1120	1.5	< 2	1.76	0.5	12	141	47	2.67	1.85	1.85
276261	201	202	< 5	< 0.2	4.44	840	0.5	< 2	2.10	1.0	9	119	44	2.26	0.98	1.58
276262	201	202	< 5	< 0.2	4.33	930	1.0	< 2	2.12	5.0	22	140	33	3.63	1.24	1.51
276263	201	202	< 5	< 0.2	4.43	770	0.5	< 2	2.09	4.0	14	95	27	2.39	1.24	0.98
276264	201	202	< 5	< 0.2	6.05	1130	1.0	< 2	0.86	< 0.5	14	239	41	3.70	1.52	1.61
276265	201	202	< 5	< 0.2	4.34	600	0.5	< 2	2.49	1.5	16	112	42	1.34	1.00	0.81
276266	201	202	< 5	< 0.2	6.05	990	1.0	< 2	0.95	0.5	4	54	21	1.64	1.81	0.64
276267	201	202	< 5	< 0.2	5.26	950	0.5	< 2	0.58	2.0	41	773	26	4.78	1.12	5.10
276268	201	202	< 5	< 0.2	6.31	750	0.5	< 2	1.33	< 0.5	15	236	18	2.33	1.77	1.77
276269	201	202	< 5	< 0.2	6.41	840	1.0	< 2	1.30	< 0.5	7	42	24	1.81	1.84	0.68
276270	201	202	< 5	< 0.2	4.61	1260	0.5	< 2	0.74	1.0	13	142	28	2.65	1.27	0.88
276271	201	202	< 5	< 0.2	5.39	1380	1.0	< 2	1.08	0.5	14	115	44	2.40	1.51	0.93
276272	201	202	< 5	< 0.2	5.66	960	0.5	< 2	0.96	0.5	25	235	25	2.70	1.57	1.29
276273	201	202	< 5	< 0.2	4.62	640	0.5	< 2	1.09	1.0	66	733	32	4.08	0.94	5.01
276274	201	202	< 5	< 0.2	3.33	1250	0.5	< 2	1.19	5.0	54	181	44	2.09	0.76	0.65

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 25-SEP-97
Invoice No. : I9741662
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9741662

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)			
276235	201	202	270	1	1.62	18	630	14	192	0.26	89	< 10	96			
276236	201	202	380	1	1.40	22	1170	14	177	0.35	123	< 10	84			
276237	201	202	275	1	1.13	27	690	12	90	0.30	101	< 10	86			
276238	201	202	1380	1	1.82	12	970	14	274	0.34	96	< 10	66			
276239	201	202	485	1	1.90	16	800	8	267	0.44	115	< 10	86			
276240	201	202	460	1	1.63	37	1280	6	339	0.19	62	< 10	54			
276241	201	202	435	1	1.42	68	700	12	205	0.40	125	< 10	62			
276242	201	202	855	1	1.59	29	1950	6	241	0.32	92	< 10	96			
276243	201	202	560	1	2.56	13	2120	2	460	0.27	69	< 10	60			
276244	201	202	575	< 1	1.80	35	1440	< 2	236	0.41	130	< 10	110			
276245	201	202	805	1	2.64	53	1360	8	473	0.30	86	< 10	106			
276246	201	202	985	< 1	2.49	21	1760	6	331	0.46	153	< 10	194			
276247	201	202	540	< 1	1.81	33	1090	4	240	0.39	127	< 10	110			
276248	201	202	1095	1	2.64	14	870	6	526	0.27	68	< 10	120			
276249	201	202	1160	1	2.88	11	1000	2	593	0.19	36	< 10	56			
276250	201	202	780	< 1	1.43	161	1910	< 2	191	0.34	111	< 10	94			
276251	201	202	900	< 1	1.56	103	680	10	181	0.41	151	< 10	80			
276252	201	202	4210	3	1.72	17	1660	4	242	0.29	99	< 10	80			
276253	201	202	750	< 1	1.40	117	840	8	135	0.36	141	< 10	86			
276254	201	202	4890	3	1.94	14	1970	8	363	0.20	68	< 10	56			
276255	201	202	750	< 1	1.02	343	490	4	112	0.38	127	< 10	82			
276256	201	202	580	1	2.23	10	1240	6	474	0.17	39	< 10	40			
276257	201	202	595	1	1.39	69	1580	< 2	274	0.19	58	< 10	70			
276258	201	202	845	1	1.07	159	1520	< 2	196	0.17	78	< 10	154			
276259	201	202	665	1	1.05	121	1480	4	145	0.20	96	< 10	124			
276260	201	202	985	1	1.71	113	1240	10	344	0.22	81	< 10	118			
276261	201	202	595	1	0.92	74	1440	6	136	0.21	89	< 10	70			
276262	201	202	3430	< 1	0.70	125	1820	8	103	0.14	79	< 10	306			
276263	201	202	3140	2	1.13	96	1700	14	199	0.14	57	< 10	168			
276264	201	202	475	< 1	1.31	155	590	2	184	0.33	126	< 10	106			
276265	201	202	1665	1	1.24	85	1950	4	281	0.15	42	< 10	60			
276266	201	202	420	2	2.02	18	750	12	330	0.24	73	< 10	66			
276267	201	202	1700	< 1	1.15	384	630	2	110	0.29	114	< 10	114			
276268	201	202	640	2	2.42	91	1220	6	449	0.23	58	< 10	72			
276269	201	202	650	1	2.42	16	1160	10	439	0.23	60	< 10	66			
276270	201	202	1410	< 1	1.18	54	1520	4	134	0.27	104	< 10	96			
276271	201	202	1795	< 1	1.05	53	1190	8	143	0.28	97	< 10	94			
276272	201	202	1720	< 1	1.88	89	1450	14	285	0.25	85	< 10	90			
276273	201	202	1735	< 1	1.41	332	1630	4	135	0.29	111	< 10	120			
276274	201	202	>10000	1	1.05	96	2390	< 2	193	0.19	65	< 10	272			

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 25-SEP-97
Invoice No. : I9741662
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9741662

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)
276275	201	202	< 5	< 0.2	7.20	730	1.0	< 2	1.96	< 0.5	11	87	21	2.62	1.79	1.31
276276	201	202	< 5	< 0.2	7.46	820	1.0	< 2	1.91	0.5	6	10	19	1.58	2.24	0.69
276277	201	202	< 5	< 0.2	5.28	1010	0.5	< 2	1.19	0.5	18	279	38	3.58	1.36	1.12
276278	201	202	< 5	< 0.2	3.50	480	< 0.5	< 2	1.30	0.5	15	209	33	2.33	0.71	1.04
276279	201	202	< 5	< 0.2	3.87	830	0.5	< 2	1.70	2.0	59	344	99	3.35	0.76	1.44
276280	201	202	< 5	< 0.2	3.22	450	0.5	< 2	0.95	< 0.5	112	1740	20	4.65	0.61	10.20
276281	201	202	< 5	< 0.2	2.96	390	0.5	< 2	0.77	< 0.5	134	1790	9	5.19	0.65	10.45
276282	201	202	< 5	< 0.2	2.59	360	0.5	< 2	0.63	< 0.5	134	1610	14	4.83	0.60	9.86
276283	201	202	< 5	< 0.2	3.17	510	0.5	< 2	0.78	< 0.5	71	1055	16	3.62	0.82	9.35
276284	201	202	< 5	< 0.2	2.90	500	0.5	< 2	0.72	< 0.5	130	1085	28	3.93	0.65	7.59
276285	201	202	< 5	< 0.2	2.47	380	< 0.5	2	0.69	< 0.5	47	1440	30	4.61	0.54	12.15
276286	201	202	< 5	< 0.2	2.86	430	0.5	< 2	0.84	< 0.5	124	1175	38	3.81	0.64	11.00
276287	201	202	< 5	< 0.2	3.27	640	0.5	< 2	0.53	< 0.5	134	1925	20	6.36	0.83	8.55
276288	201	202	< 5	< 0.2	6.75	820	1.0	< 2	1.50	< 0.5	9	178	18	1.88	2.05	0.98
276289	201	202	< 5	< 0.2	5.30	850	0.5	< 2	1.12	4.0	32	66	33	3.20	1.36	0.85
276290	201	202	< 5	< 0.2	6.38	700	0.5	< 2	1.60	< 0.5	8	15	19	1.70	1.79	0.65
276291	201	202	< 5	< 0.2	5.85	730	1.5	< 2	2.06	< 0.5	27	373	35	4.47	1.37	3.55
276292	201	202	< 5	< 0.2	6.25	730	0.5	< 2	1.49	< 0.5	9	15	27	1.61	1.74	0.56
276293	201	202	< 5	< 0.2	5.05	550	0.5	< 2	1.98	< 0.5	19	221	47	3.53	1.15	2.52
276294	201	202	< 5	< 0.2	6.31	850	1.0	< 2	1.40	< 0.5	23	144	50	4.31	1.72	1.99
276295	201	202	< 5	< 0.2	4.35	820	0.5	< 2	0.83	0.5	23	113	44	3.36	1.10	1.15
276296	201	202	5	< 0.2	5.97	1040	1.0	< 2	1.52	< 0.5	28	240	62	4.45	1.51	2.35
276297	201	202	10	< 0.2	6.10	780	1.0	< 2	0.88	< 0.5	15	109	32	3.76	1.58	1.30
276298	201	202	90	< 0.2	5.82	1240	1.5	< 2	0.49	< 0.5	17	113	46	3.68	1.94	1.13
276299	201	202	5	0.2	6.10	1040	1.5	< 2	0.64	< 0.5	8	89	26	2.68	1.69	1.17
276300	201	202	40	< 0.2	6.72	2300	1.5	< 2	0.80	< 0.5	40	122	80	5.33	2.00	1.49
276301	201	202	25	< 0.2	6.55	1810	1.5	< 2	0.40	< 0.5	16	122	53	4.03	1.97	1.23
276302	201	202	5	< 0.2	7.23	900	1.0	< 2	1.43	< 0.5	9	91	23	2.49	2.05	1.33
276303	201	202	5	< 0.2	6.66	1540	1.5	< 2	0.66	< 0.5	26	112	74	4.37	1.90	1.51
276304	201	202	10	< 0.2	7.73	940	1.5	< 2	1.74	< 0.5	13	35	37	2.60	2.13	0.96
276305	201	202	< 5	< 0.2	6.71	1050	1.5	< 2	0.54	< 0.5	20	225	35	4.30	1.99	2.16
276306	201	202	5	< 0.2	6.07	1420	1.5	< 2	0.65	< 0.5	23	214	49	4.45	1.57	2.07
276307	201	202	50	< 0.2	6.21	1420	1.0	< 2	2.12	< 0.5	45	387	88	6.29	1.51	3.44
276308	201	202	35	< 0.2	6.53	1650	1.5	< 2	0.97	< 0.5	23	176	63	4.53	1.93	1.83
276309	201	202	5	< 0.2	7.38	1400	1.5	< 2	0.75	0.5	25	193	49	5.16	1.93	1.77
276310	201	202	< 5	< 0.2	5.86	1190	1.5	< 2	0.41	< 0.5	11	116	27	4.14	1.79	0.97
276311	201	202	< 5	< 0.2	6.19	1600	1.5	< 2	0.74	< 0.5	11	114	35	4.54	1.79	1.04
276312	201	202	< 5	< 0.2	6.00	1320	1.0	< 2	0.53	< 0.5	9	103	29	3.59	1.73	0.94
276313	201	202	< 5	0.4	5.37	1450	1.5	< 2	0.59	< 0.5	8	106	37	3.24	1.71	0.77
276314	201	202	< 5	< 0.2	6.27	1620	1.5	< 2	0.90	0.5	8	80	29	2.98	1.96	0.74

CERTIFICATION: Stewart Bamber

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Page Number :4-B
Total Pages :6
Certificate Date: 25-SEP-97
Invoice No. : I9741662
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9741662

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)			
276275	201	202	625	2	2.80	35	720	10	615	0.31	85	< 10	72			
276276	201	202	415	3	3.21	6	490	8	670	0.21	42	< 10	56			
276277	201	202	965	1	1.53	87	1670	14	269	0.34	115	< 10	78			
276278	201	202	710	1	0.97	81	1870	< 2	157	0.20	75	< 10	42			
276279	201	202	1775	< 1	1.02	167	2170	< 2	190	0.24	97	< 10	172			
276280	201	202	1545	< 1	0.55	1155	1230	< 2	91	0.20	88	< 10	84			
276281	201	202	1750	< 1	0.58	804	730	< 2	83	0.18	83	< 10	108			
276282	201	202	1730	< 1	0.54	929	1090	< 2	86	0.14	70	< 10	74			
276283	201	202	1095	< 1	0.79	1035	750	< 2	113	0.17	69	< 10	58			
276284	201	202	2440	< 1	0.64	954	1800	< 2	117	0.15	60	< 10	68			
276285	201	202	855	< 1	0.54	1165	920	< 2	90	0.13	63	< 10	88			
276286	201	202	1545	< 1	0.81	1445	1030	< 2	146	0.13	56	< 10	64			
276287	201	202	1315	< 1	0.60	791	780	8	78	0.17	86	< 10	124			
276288	201	202	405	< 1	2.63	56	660	10	515	0.20	45	< 10	56			
276289	201	202	2260	3	1.32	18	1980	14	127	0.34	138	< 10	134			
276290	201	202	640	3	2.47	7	1280	16	511	0.20	49	< 10	52			
276291	201	202	935	< 1	1.43	233	770	8	165	0.38	121	< 10	114			
276292	201	202	650	1	2.39	7	1250	18	474	0.18	40	< 10	54			
276293	201	202	735	< 1	1.37	108	1250	6	180	0.39	119	< 10	72			
276294	201	202	815	< 1	1.69	71	810	20	202	0.38	129	< 10	162			
276295	201	202	3470	1	1.18	66	1230	18	141	0.25	90	< 10	82			
276296	201	202	1000	3	1.42	141	1140	14	147	0.45	145	< 10	112			
276297	201	202	785	1	1.87	53	760	12	186	0.33	109	< 10	86			
276298	201	202	955	< 1	0.92	65	2110	18	143	0.31	115	< 10	94			
276299	201	202	425	2	1.16	50	1810	10	162	0.27	89	< 10	88			
276300	201	202	1285	4	1.55	106	1640	12	220	0.54	143	< 10	126			
276301	201	202	505	1	0.90	62	1470	18	116	0.37	151	< 10	94			
276302	201	202	460	4	2.25	58	960	16	459	0.27	84	< 10	58			
276303	201	202	1360	1	1.31	71	1460	16	136	0.31	138	< 10	112			
276304	201	202	870	1	2.73	24	1050	20	544	0.26	73	< 10	76			
276305	201	202	845	1	1.14	158	1050	16	148	0.31	134	< 10	90			
276306	201	202	965	1	1.16	113	1260	8	141	0.39	146	< 10	106			
276307	201	202	1045	< 1	1.26	188	1550	4	98	0.98	221	< 10	126			
276308	201	202	630	5	0.93	88	1150	14	122	0.63	232	< 10	128			
276309	201	202	915	1	1.23	103	1360	12	142	0.48	174	< 10	126			
276310	201	202	400	1	0.86	50	1270	10	96	0.43	167	< 10	84			
276311	201	202	505	< 1	1.14	49	1460	12	148	0.42	178	< 10	96			
276312	201	202	510	1	1.17	41	1720	18	161	0.30	149	< 10	86			
276313	201	202	465	1	0.94	40	1480	14	157	0.31	165	< 10	94			
276314	201	202	465	2	1.43	24	1630	20	258	0.33	153	< 10	112			

CERTIFICATION: Noah 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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 25-SEP-97
Invoice No. : I9741662
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9741662

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)
276315	201	202	< 5	< 0.2	5.16	1410	1.0	< 2	0.44	< 0.5	12	88	55	3.89	1.40	0.82
276316	201	202	< 5	0.4	4.30	1530	0.5	< 2	0.84	4.0	14	59	33	2.90	1.31	0.60
276317	201	202	not/ss	< 0.2	3.89	1360	0.5	< 2	0.85	0.5	11	38	18	1.81	0.95	0.56
276318	201	202	< 5	< 0.2	5.27	1730	0.5	< 2	0.63	0.5	10	65	20	2.25	1.66	0.57
276319	201	202	not/ss	< 0.2	5.22	1820	1.0	< 2	0.43	0.5	17	70	30	3.24	1.66	0.55
276320	201	202	< 5	< 0.2	5.80	1730	1.5	< 2	0.44	< 0.5	13	79	54	4.00	1.87	0.88
276321	201	202	< 5	< 0.2	6.23	1170	1.0	2	0.53	0.5	11	72	29	3.73	1.70	0.79
276322	201	202	< 5	1.2	5.22	1030	0.5	2	1.34	0.5	23	35	27	3.52	1.41	0.60
276323	201	202	< 5	< 0.2	6.13	970	1.0	< 2	0.56	0.5	15	52	25	3.96	1.62	0.75
276324	201	202	not/ss	< 0.2	4.20	860	0.5	< 2	0.36	< 0.5	6	55	38	2.47	1.46	0.56
276325	201	202	< 5	< 0.2	3.76	880	0.5	< 2	0.40	< 0.5	13	55	48	2.51	1.10	0.44
276326	201	202	not/ss	< 0.2	5.08	1000	0.5	< 2	1.44	< 0.5	9	17	17	1.48	1.32	0.66
276327	201	202	10	< 0.2	6.19	1260	1.5	< 2	0.51	< 0.5	15	91	105	4.81	2.00	1.02
276328	201	202	not/ss	< 0.2	7.42	1060	1.0	< 2	1.84	< 0.5	10	41	35	2.69	1.78	0.95
276329	201	202	not/ss	< 0.2	4.83	800	0.5	< 2	0.70	< 0.5	5	36	15	1.62	1.41	0.48
276330	201	202	< 5	< 0.2	5.63	1140	1.0	< 2	0.33	0.5	6	56	20	2.71	1.65	0.68
276331	201	202	< 5	< 0.2	5.86	1110	1.0	< 2	0.68	< 0.5	7	53	19	2.43	1.63	0.76
276332	201	202	< 5	< 0.2	6.72	1090	1.0	< 2	0.57	< 0.5	5	49	19	1.91	2.00	0.46
276333	201	202	< 5	< 0.2	5.87	1090	1.0	< 2	0.38	< 0.5	4	59	18	1.80	1.80	0.52
276334	201	202	not/ss	< 0.2	5.18	1030	1.0	< 2	0.68	0.5	16	40	23	2.18	1.36	0.65
276335	201	202	< 5	< 0.2	6.26	1030	1.0	< 2	0.98	< 0.5	5	33	20	2.18	1.71	0.68
276336	201	202	< 5	< 0.2	6.23	1330	1.0	< 2	0.15	< 0.5	4	52	20	3.00	1.70	0.61
276337	201	202	< 5	< 0.2	6.39	1280	1.0	< 2	0.50	< 0.5	5	51	19	2.71	1.95	0.67
276338	201	202	< 5	0.8	6.58	1460	1.5	< 2	0.24	< 0.5	6	61	21	3.83	1.94	0.78
276339	201	202	< 5	< 0.2	6.84	1540	1.5	< 2	0.18	< 0.5	6	59	20	3.06	2.16	0.73
276340	201	202	< 5	< 0.2	5.64	1000	1.0	< 2	0.31	< 0.5	6	57	16	2.72	1.68	0.45
276341	201	202	< 5	< 0.2	6.75	1180	1.5	< 2	0.90	< 0.5	12	55	25	2.79	1.93	0.82
276342	201	202	< 5	< 0.2	6.25	970	1.0	< 2	0.82	< 0.5	5	39	24	2.52	1.70	0.62
276343	201	202	< 5	< 0.2	5.66	1130	1.0	< 2	0.20	< 0.5	7	53	20	3.21	1.69	0.72
276344	201	202	< 5	< 0.2	3.81	810	0.5	< 2	0.36	< 0.5	14	43	18	1.87	0.99	0.48
276345	201	202	< 5	< 0.2	6.43	940	1.0	< 2	0.87	< 0.5	10	32	19	2.37	1.83	0.60
276346	201	202	< 5	< 0.2	6.26	1120	1.0	< 2	0.42	< 0.5	6	47	14	1.90	1.77	0.64
276347	201	202	< 5	< 0.2	5.90	1170	1.0	< 2	0.52	0.5	7	57	19	2.50	1.93	0.54
276348	201	202	< 5	< 0.2	5.43	730	1.0	< 2	0.73	< 0.5	10	32	18	1.96	1.25	0.65
276349	201	202	< 5	< 0.2	6.95	1220	1.0	< 2	0.25	0.5	11	69	19	2.95	1.96	1.14
276350	201	202	< 5	0.4	6.93	880	1.0	< 2	1.65	< 0.5	6	13	17	1.62	2.05	0.57
276351	201	202	< 5	< 0.2	4.52	1140	0.5	< 2	0.26	< 0.5	6	88	16	2.47	1.35	0.57
276352	201	202	< 5	< 0.2	6.65	920	1.0	< 2	1.42	< 0.5	6	19	18	1.80	1.95	0.59
276353	201	202	< 5	< 0.2	6.00	1250	1.0	< 2	0.35	< 0.5	8	67	25	3.18	1.71	0.78
276354	201	202	< 5	< 0.2	4.91	1150	0.5	< 2	0.26	< 0.5	5	42	12	1.35	1.49	0.43

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Page Number :5-B
Total Pages :6
Certificate Date: 25-SEP-97
Invoice No. : I9741662
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9741662

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)			
276315	201	202	440	1	0.96	53	1790	4	111	0.30	150	< 10	134			
276316	201	202	1820	1	0.97	24	2290	6	125	0.25	112	< 10	240			
276317	201	202	2750	1	1.11	18	1180	6	170	0.24	78	< 10	188			
276318	201	202	1505	< 1	1.15	16	1520	12	137	0.32	126	< 10	94			
276319	201	202	1690	2	0.86	23	2550	14	106	0.30	137	< 10	126			
276320	201	202	615	4	0.79	35	1150	16	120	0.33	125	< 10	84			
276321	201	202	785	< 1	1.25	23	1820	10	143	0.27	113	< 10	88			
276322	201	202	2610	2	1.35	11	1630	16	160	0.22	100	< 10	92			
276323	201	202	910	1	1.39	21	790	30	118	0.28	107	< 10	96			
276324	201	202	770	2	0.57	18	1560	26	86	0.22	87	< 10	66			
276325	201	202	2500	4	0.60	20	2220	20	94	0.22	89	< 10	56			
276326	201	202	4630	1	1.65	7	1720	22	377	0.22	60	< 10	44			
276327	201	202	1035	6	0.82	49	1410	32	137	0.36	150	< 10	96			
276328	201	202	540	2	2.12	17	2090	16	511	0.27	88	< 10	66			
276329	201	202	350	< 1	1.23	8	2220	22	178	0.20	73	< 10	48			
276330	201	202	295	1	0.94	19	1340	20	82	0.21	98	< 10	74			
276331	201	202	325	1	1.38	18	1090	20	178	0.26	90	< 10	62			
276332	201	202	330	1	1.51	9	1830	22	198	0.25	103	< 10	52			
276333	201	202	225	1	1.17	11	1520	24	122	0.24	104	< 10	52			
276334	201	202	720	1	1.08	14	2980	40	172	0.16	70	< 10	62			
276335	201	202	300	1	1.79	12	1190	12	306	0.22	74	< 10	58			
276336	201	202	470	1	1.05	14	1490	6	67	0.22	114	< 10	66			
276337	201	202	335	1	1.30	16	940	14	163	0.25	108	< 10	66			
276338	201	202	335	< 1	0.91	19	1320	10	84	0.29	125	< 10	78			
276339	201	202	495	< 1	0.99	15	1590	< 2	72	0.28	123	< 10	82			
276340	201	202	270	1	0.97	11	640	16	99	0.27	115	< 10	60			
276341	201	202	760	1	1.23	21	1730	10	203	0.24	97	< 10	92			
276342	201	202	365	< 1	1.47	12	1460	16	250	0.23	81	< 10	64			
276343	201	202	395	< 1	0.72	16	1750	8	67	0.23	110	< 10	80			
276344	201	202	3480	< 1	0.75	17	2880	10	70	0.25	87	< 10	52			
276345	201	202	1035	1	1.62	11	1930	4	260	0.20	83	< 10	78			
276346	201	202	640	1	1.20	10	1490	4	126	0.26	112	< 10	56			
276347	201	202	385	1	0.84	15	1130	6	105	0.27	117	< 10	70			
276348	201	202	400	< 1	1.41	12	1720	10	212	0.20	68	< 10	52			
276349	201	202	470	< 1	0.93	22	1290	2	81	0.26	126	< 10	90			
276350	201	202	600	1	2.68	5	1060	4	535	0.19	41	< 10	50			
276351	201	202	445	1	0.58	30	2160	6	65	0.22	92	< 10	64			
276352	201	202	340	< 1	2.35	7	980	12	467	0.20	52	< 10	50			
276353	201	202	405	< 1	0.92	28	1430	16	102	0.28	109	< 10	78			
276354	201	202	2020	< 1	0.89	10	1260	< 2	76	0.21	83	< 10	88			

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 25-SEP-97
Invoice No. : 19741662
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9741662

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)
276355	201	202	< 5	0.4	6.67	1240	1.0	< 2	0.81	< 0.5	6	47	25	2.24	1.88	0.62
276356	201	202	< 5	1.0	7.32	2200	1.5	2	0.14	0.5	7	52	33	2.97	2.15	0.82
276357	201	202	< 5	< 0.2	7.67	1730	1.5	< 2	0.44	< 0.5	15	64	36	3.43	2.20	1.28
276358	201	202	10	0.4	10.15	2540	2.0	< 2	0.04	0.5	23	64	51	4.91	3.12	1.96
276359	201	202	< 5	1.0	5.53	1760	1.0	2	0.27	2.0	15	46	31	2.81	1.62	0.59

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 25-SEP-97
Invoice No. : I9741662
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9741662

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)			
276355	201	202	290	< 1	1.56	14	1380	14	263	0.24	97	< 10	56			
276356	201	202	215	< 1	0.45	21	1420	12	83	0.29	138	< 10	98			
276357	201	202	480	1	1.12	29	520	14	109	0.28	122	< 10	102			
276358	201	202	565	< 1	0.59	39	890	28	58	0.32	151	< 10	108			
276359	201	202	5730	< 1	0.67	24	2180	16	71	0.20	96	< 10	114			

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

A9744408

Comments: ATTN:DAVID TERRY - VANCOUVER OFFICE

CERTIFICATE A9744408

(GP W) - WESTMIN RESOURCES LTD.

Project: 6409 TACK
P.O. # :

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

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	7	Geochem ring to approx 150 mesh
226	7	0-3 Kg crush and split
3202	7	Rock - save entire reject
285	7	ICP - HF digestion charge
287	7	Special dig'n with organic ext'n

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	7	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
13	7	As ppm: HNO3-aqua regia digest	AAS-HYDRIDE/EDL	1	10000
22	7	Sb ppm: HCl-KClO3 digest, extrac	AAS-BKGD CORR	0.2	1000
20	7	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
578	7	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	7	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	7	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	7	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	7	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	7	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	7	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	7	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	7	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	7	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	7	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	7	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	7	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	7	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	7	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	7	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	7	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	7	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	7	Pb ppm: 24 element, rock & core	AAS	2	10000
582	7	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	7	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	7	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	7	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	7	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 : 6409 TACK
Comments: ATTN:DAVID TERRY - VANCOUVER OFFICE

Page Number :1-A
Total Pages :1
Certificate Date: 05-OCT-97
Invoice No. :I9744408
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9744408

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)
DGTK-97-07	205	226	< 5	1	< 0.2	30	< 0.2	7.94	400	0.5	< 2	3.81	0.5	17	34	125
DGTK-97-08	205	226	< 5	2	0.2	60	< 0.2	5.78	420	1.0	< 2	0.23	< 0.5	6	149	7
DGTK-97-09	205	226	< 5	2	0.2	< 10	< 0.2	0.63	110	< 0.5	< 2	0.04	< 0.5	1	263	13
DGTK-97-10	205	226	< 5	1	0.6	50	< 0.2	1.48	340	0.5	< 2	0.01	< 0.5	1	195	32
DGTK-97-11	205	226	< 5	2	0.2	< 10	< 0.2	0.43	90	< 0.5	< 2	0.01	< 0.5	1	259	7
DGTK-97-12	205	226	< 5	2	< 0.2	50	< 0.2	0.81	550	< 0.5	< 2	0.01	< 0.5	4	212	11
DGTK-97-13	205	226	< 5	2	0.6	150	< 0.2	5.98	1330	2.0	2	0.07	< 0.5	3	109	30

CERTIFICATION: Stewart 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 : 6409 TACK
Comments: ATTN:DAVID TERRY - VANCOUVER OFFICE

Page Number :1-B
Total Pages :1
Certificate Date: 05-OCT-97
Invoice No. :I9744408
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9744408

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)
DGTK-97-07	205	226	5.86	0.64	1.70	1045	1	2.67	8	720	< 2	198	0.54	234	< 10	82
DGTK-97-08	205	226	2.51	1.27	0.64	280	1	2.37	15	300	16	123	0.24	50	< 10	42
DGTK-97-09	205	226	0.63	0.25	0.06	70	< 1	0.04	8	210	< 2	12	0.03	9	< 10	12
DGTK-97-10	205	226	0.86	0.63	0.15	35	3	0.05	13	110	< 2	11	0.07	56	< 10	24
DGTK-97-11	205	226	0.29	0.20	0.05	15	< 1	0.03	6	60	< 2	4	0.01	6	< 10	10
DGTK-97-12	205	226	0.88	0.34	0.18	1515	< 1	0.03	17	110	< 2	5	0.03	10	< 10	38
DGTK-97-13	205	226	3.35	2.47	1.12	110	< 1	0.42	34	410	6	19	0.33	165	< 10	68

CERTIFICATION: Ivo H 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

A9744410

Comments: ATTN:DAVID TERRY - VANCOUVER OFFICE

CERTIFICATE A9744410

(GP W) - WESTMIN RESOURCES LTD.

Project: 6409 TACK
P.O. # :

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

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
299	7	Pulp; prepped on other workorder
200	7	Whole rock fusion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
594	7	Al2O3 %: Whole rock	ICP-AES	0.01	100.00
588	7	CaO %: Whole rock	ICP-AES	0.01	100.00
590	7	Cr2O3 %: Whole Rock	ICP-AES	0.01	100.00
586	7	Fe2O3(total) %: Whole rock	ICP-AES	0.01	100.00
821	7	K2O %: Whole rock	ICP-AES	0.01	100.00
593	7	MgO %: Whole rock	ICP-AES	0.01	100.00
596	7	MnO %: Whole rock	ICP-AES	0.01	100.00
599	7	Na2O %: Whole rock	ICP-AES	0.01	100.00
597	7	P2O5 %: Whole rock	ICP-AES	0.01	100.00
592	7	SiO2 %: Whole rock	ICP-AES	0.01	100.00
595	7	TiO2 %: Whole rock	ICP-AES	0.01	100.00
475	7	L.O.I. %: @ 1000 deg.C	FURNACE	0.01	99.99
540	7	Total %	CALCULATION	0.01	105.00

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 : 6409 TACK
Comments: ATTN:DAVID TERRY - VANCOUVER OFFICE

Page Number :1
Total Pages :1
Certificate Date: 14-OCT-97
Invoice No. :19744410
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9744410

SAMPLE	PREP CODE		Al2O3 %	CaO %	Cr2O3 %	Fe2O3 %	K2O %	MgO %	MnO %	Na2O %	P2O5 %	SiO2 %	TiO2 %	LOI %	TOTAL %	
DGTR-97-07	299	200	15.25	5.83	< 0.01	9.51	1.08	2.98	0.16	3.99	0.16	57.05	1.00	3.46	100.45	
DGTR-97-08	299	200	11.52	0.37	0.03	3.97	1.71	1.09	0.04	3.44	0.05	74.91	0.54	1.85	99.52	
DGTR-97-09	299	200	0.94	0.10	0.04	1.07	0.67	0.10	0.01	0.38	0.04	95.70	0.06	0.63	99.74	
DGTR-97-10	299	200	2.75	0.01	0.03	1.26	1.05	0.23	< 0.01	0.33	0.03	94.00	0.14	1.04	100.85	
DGTR-97-11	299	200	0.34	0.03	0.04	0.47	0.40	0.07	< 0.01	0.14	< 0.01	96.00	0.02	0.36	97.87	
DGTR-97-12	299	200	1.17	0.05	0.04	1.43	0.58	0.29	0.22	0.15	0.01	93.64	0.06	0.72	98.36	
DGTR-97-13	299	200	11.45	0.11	0.01	5.07	3.14	1.93	0.01	0.63	0.12	74.00	0.63	3.61	100.70	

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

A9744420

Comments: ATTN:DAVID TERRY - VANCOUVER OFFICE

CERTIFICATE A9744420

(GP W) - WESTMIN RESOURCES LTD.

Project: 6409 TACK
P.O. # :

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

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
299	7	Pulp; prepped on other workorder
297	7	Meta-borate fusion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
2855	7	Ba ppm: ICP-MS	ICP-MS	0.5	10000
2501	7	Ce ppm: ICP-MS	ICP-MS	0.5	10000
2858	7	Cs ppm: ICP-MS	ICP-MS	0.1	10000
2859	7	Co ppm: ICP-MS	ICP-MS	0.5	10000
2860	7	Cu ppm: ICP-MS	ICP-MS	5	10000
2502	7	Dy ppm: ICP-MS	ICP-MS	0.1	1000
2503	7	Er ppm: ICP-MS	ICP-MS	0.1	1000
2504	7	Eu ppm: ICP-MS	ICP-MS	0.1	1000
2505	7	Gd ppm: ICP-MS	ICP-MS	0.1	1000
2861	7	Ga ppm: ICP-MS	ICP-MS	1	1000
2842	7	Hf ppm: ICP-MS	ICP-MS	1	10000
2506	7	Ho ppm: IPC-MS	ICP-MS	0.1	1000
2507	7	La ppm: ICP-MS	ICP-MS	0.5	10000
2862	7	Pb ppm: ICP-MS	ICP-MS	5	10000
2508	7	Lu ppm: ICP-MS	ICP-MS	0.1	1000
2509	7	Nd ppm: ICP-MS	ICP-MS	0.5	1000
2863	7	Ni ppm: ICP-MS	ICP-MS	5	10000
2844	7	Nb ppm: ICP-MS	ICP-MS	1	10000
2510	7	Pr ppm: ICP-MS	ICP-MS	0.1	1000
2864	7	Rb ppm: ICP-MS	ICP-MS	0.2	10000
2511	7	Sm ppm: ICP-MS	ICP-MS	0.1	1000
2865	7	Ag ppm: ICP-MS	ICP-MS	1	1000
2867	7	Sr ppm: ICP-MS	ICP-MS	0.1	10000
2868	7	Ta ppm: ICP-MS	ICP-MS	0.5	10000
2512	7	Tb ppm: ICP-MS	ICP-MS	0.1	1000
2869	7	Tl ppm: ICP-MS	ICP-MS	0.5	1000
2550	7	Th ppm: ICP-MS	ICP-MS	1	1000
2513	7	Tm ppm: ICP-MS	ICP-MS	0.1	1000
2870	7	Sn ppm: ICP-MS	ICP-MS	1	10000
2871	7	W ppm: ICP-MS	ICP-MS	1	10000
2549	7	U ppm: ICP-MS	ICP-MS	0.5	1000
2872	7	V ppm: ICP-MS	ICP-MS	5	10000
2514	7	Yb ppm: ICP-MS	ICP-MS	0.1	1000
2873	7	Y ppm: ICP-MS	ICP-MS	0.5	10000
2874	7	Zn ppm: ICP-MS	ICP-MS	5	10000
2875	7	Zr ppm: ICP-MS	ICP-MS	0.5	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 : 6409 TACK
Comments: ATTN:DAVID TERRY - VANCOUVER OFFICE

Page Number : 1-A
Total Pages : 1
Certificate Date: 11-OCT-97
Invoice No. : I9744420
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9744420

SAMPLE	PREP CODE		Ba ppm	Ce ppm	Cs ppm	Co ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ga ppm	Hf ppm	Ho ppm	La ppm	Pb ppm	Lu ppm	Nd ppm	Ni ppm	Nb ppm	Pr ppm
DGTK-97-07	299	297	436	26.0	1.0	22.0	120	6.4	3.9	2.5	5.7	21	2	1.6	11.5	< 5	1.1	15.5	5	9	4.0
DGTK-97-08	299	297	440	90.0	1.4	2.0	10	4.0	2.5	1.1	6.3	14	9	0.8	41.5	20	0.4	32.5	15	13	10.6
DGTK-97-09	299	297	134.0	14.5	0.7	< 0.5	15	1.4	0.9	0.4	1.7	4	< 1	0.3	6.5	< 5	0.1	5.5	5	3	1.9
DGTK-97-10	299	297	327	15.5	1.2	< 0.5	30	1.5	0.7	0.4	1.6	5	< 1	0.3	8.5	< 5	0.1	6.5	15	3	2.0
DGTK-97-11	299	297	96.5	5.0	0.4	< 0.5	5	0.5	0.4	< 0.1	0.6	2	< 1	0.1	2.5	< 5	< 0.1	2.0	5	1	0.6
DGTK-97-12	299	297	587	9.0	0.8	5.5	10	0.9	0.5	0.2	1.1	4	< 1	0.1	4.5	< 5	< 0.1	3.5	15	1	1.2
DGTK-97-13	299	297	1430	58.0	5.4	1.5	30	4.1	2.6	1.0	4.5	18	3	0.7	28.0	< 5	0.5	20.5	30	12	6.7

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 : 6409 TACK
Comments: ATTN:DAVID TERRY - VANCOUVER OFFICE

Page Number : 1-B
Total Pages : 1
Certificate Date: 11-OCT-97
Invoice No. : I9744420
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9744420

SAMPLE	PREP CODE		Rb ppm	Sm ppm	Ag ppm	Sr ppm	Ta ppm	Tb ppm	Tl ppm	Th ppm	Tm ppm	Sn ppm	W ppm	U ppm	V ppm	Yb ppm	Y ppm	Zn ppm	Zr ppm
DGTK-97-07	299	297	14.2	5.4	1	197.5	1.0	1.5	< 0.5	4	1.0	3	3	1.5	230	3.5	28.0	80	74.5
DGTK-97-08	299	297	64.0	7.3	< 1	129.5	3.0	1.0	0.5	10	0.5	1	1	3.5	50	2.5	18.0	40	357
DGTK-97-09	299	297	12.2	1.0	< 1	15.0	0.5	0.3	< 0.5	< 1	0.1	< 1	1	1.5	15	0.9	7.5	10	36.0
DGTK-97-10	299	297	28.4	1.7	< 1	13.2	< 0.5	0.2	0.5	1	0.1	< 1	1	2.0	50	1.0	6.5	25	34.0
DGTK-97-11	299	297	10.0	0.7	< 1	4.9	< 0.5	0.1	< 0.5	< 1	< 0.1	< 1	< 1	0.5	5	0.3	2.5	10	14.5
DGTK-97-12	299	297	16.2	1.0	< 1	8.2	< 0.5	0.2	< 0.5	< 1	< 0.1	< 1	1	0.5	15	0.6	4.0	35	44.5
DGTK-97-13	299	297	139.5	4.9	< 1	22.0	3.0	0.7	0.5	4	0.5	3	3	3.0	170	2.4	18.0	70	143.5

CERTIFICATION: Stewart Bradshaw

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

A9744492

Comments: ATTN: DAVID TERRY

CERTIFICATE A9744492

(GP W) - WESTMIN RESOURCES LTD.

Project: 6409
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 9-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	16	Geochem ring to approx 150 mesh
226	16	0-3 Kg crush and split
3202	16	Rock - save entire reject
285	16	ICP - HF digestion charge
287	16	Special dig'n with organic ext'n

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	16	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
975	1	Au ppb: ICP-fluorescence package	FA-ICP-AFS	2	10000
976	1	Pt ppb: ICP-Fluorescence package	FA-ICP-AFS	5	10000
977	1	Pd ppb: ICP-fluorescence package	FA-ICP-AFS	2	10000
13	16	As ppm: HNO3-aqua regia digest	AAS-HYDRIDE/EDL	1	10000
22	16	Sb ppm: HCl-KClO3 digest, extrac	AAS-BKGD CORR	0.2	1000
20	16	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
578	16	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	16	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	16	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	16	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	16	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	16	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	16	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	16	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	16	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	16	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	16	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	16	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	16	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	16	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	16	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	16	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	16	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	16	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	16	Pb ppm: 24 element, rock & core	AAS	2	10000
582	16	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	16	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	16	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	16	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	16	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 : 6409
Comments: ATTN: DAVID TERRY

Page Number : 1-A
Total Pages : 1
Certificate Date: 09-OCT-97
Invoice No. : I9744492
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9744492

SAMPLE	PREP CODE		Au ppb FA+AA	Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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)	Fe % (ICP)	K % (ICP)
DGTK97-01	205	226	< 5	-----	-----	-----	2	< 0.2	30	< 0.2	8.20	810	2.0	< 2	2.25	0.5	12	48	23	5.46	1.56
DGTK97-02	205	226	< 5	-----	-----	-----	1	< 0.2	< 10	< 0.2	0.05	10	< 0.5	< 2	0.01	< 0.5	< 1	181	3	0.25	0.01
DGTK97-03	205	226	< 5	-----	-----	-----	1	< 0.2	30	< 0.2	8.51	600	0.5	< 2	2.84	0.5	21	39	110	6.25	0.39
DGTK97-04	205	226	< 5	-----	-----	-----	2	0.2	20	< 0.2	9.02	1560	1.0	< 2	2.36	0.5	12	54	144	4.80	1.68
DGTK97-05	205	226	< 5	-----	-----	-----	1	5.0	< 10	< 0.2	1.74	2030	0.5	< 2	0.05	< 0.5	1	112	37	0.65	0.73
DGTK97-06	205	226	< 5	-----	-----	-----	1	0.2	< 10	< 0.2	8.42	1190	2.0	< 2	3.01	0.5	6	42	38	4.78	1.85
DTTK97-01	205	226	< 5	-----	-----	-----	1	< 0.2	30	< 0.2	7.38	1030	1.0	< 2	2.17	0.5	13	39	64	4.62	2.42
DTTK97-02	205	226	< 5	-----	-----	-----	1	0.4	30	< 0.2	0.08	70	< 0.5	< 2	0.09	< 0.5	3	208	20	0.59	0.01
DTTK97-04	205	226	< 5	-----	-----	-----	2	< 0.2	10	< 0.2	7.66	530	0.5	< 2	2.97	< 0.5	19	114	76	4.64	0.63
DTTK97-05	205	226	< 5	-----	-----	-----	1	< 0.2	70	< 0.2	5.63	970	0.5	< 2	1.91	0.5	19	58	72	4.58	0.80
DTTK97-06	205	226	< 5	-----	-----	-----	4	< 0.2	< 10	< 0.2	7.77	810	0.5	< 2	6.20	0.5	27	349	86	5.70	0.81
GBTK97-01	205	226	< 5	-----	-----	-----	1	0.4	270	< 0.2	5.65	950	1.0	< 2	0.04	< 0.5	< 1	76	18	2.28	2.04
GBTK97-02	205	226	< 5	-----	-----	-----	1	< 0.2	70	< 0.2	3.43	420	< 0.5	< 2	0.10	< 0.5	4	151	8	1.54	0.51
GBTK97-03	205	226	< 5	-----	-----	-----	1	< 0.2	30	< 0.2	8.24	1230	1.5	< 2	3.69	< 0.5	18	72	70	4.86	0.91
GBTK97-04	205	226	< 5	< 2	< 5	< 2	1	< 0.2	< 10	< 0.2	0.33	20	< 0.5	< 2	8.60	< 0.5	82	1300	4	3.91	< 0.01
GBTK97-05	205	226	< 5	-----	-----	-----	1	< 0.2	10	< 0.2	0.18	90	< 0.5	< 2	12.95	1.5	4	49	3	0.19	0.03

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 : 6409
Comments: ATTN: DAVID TERRY

Page Number : 1-B
Total Pages : 1
Certificate Date: 09-OCT-97
Invoice No. : I9744492
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9744492

SAMPLE	PREP CODE		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)
DGTK97-01	205	226	2.25	1045	1	2.24	3	1450	16	687	0.29	92	< 10	124
DGTK97-02	205	226	< 0.01	25	< 1	0.03	3	10	< 2	2	< 0.01	3	< 10	6
DGTK97-03	205	226	2.25	1180	< 1	3.44	12	830	< 2	133	0.61	220	< 10	96
DGTK97-04	205	226	1.51	880	1	2.81	18	800	< 2	140	0.49	159	< 10	84
DGTK97-05	205	226	0.26	50	1	0.09	11	110	< 2	13	0.07	51	< 10	26
DGTK97-06	205	226	1.14	950	< 1	2.00	1	850	14	1145	0.24	54	< 10	100
DTTK97-01	205	226	1.76	935	< 1	2.37	11	490	18	255	0.21	124	< 10	92
DTTK97-02	205	226	0.01	70	3	0.03	7	210	< 2	5	< 0.01	8	< 10	8
DTTK97-04	205	226	2.02	835	< 1	3.06	35	660	< 2	215	0.46	189	< 10	80
DTTK97-05	205	226	1.81	1295	< 1	1.87	13	680	< 2	187	0.40	180	< 10	78
DTTK97-06	205	226	4.09	965	< 1	2.49	108	480	< 2	416	0.67	197	< 10	82
GBTK97-01	205	226	0.41	60	< 1	0.29	11	100	6	30	0.22	87	< 10	42
GBTK97-02	205	226	0.67	140	1	1.21	13	310	< 2	47	0.18	58	< 10	36
GBTK97-03	205	226	2.11	915	< 1	2.75	23	1260	< 2	274	0.57	200	< 10	80
GBTK97-04	205	226	>15.00	530	< 1	0.01	1645	90	< 2	229	< 0.01	23	< 10	30
GBTK97-05	205	226	8.00	1770	1	0.08	9	210	< 2	97	< 0.01	4	< 10	24

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

A9744494

Comments: ATTN: DAVID TERRY - VANCOUVER OFFICE

CERTIFICATE A9744494

(GP W) - WESTMIN RESOURCES LTD.

Project: 6409 TAK
P.O. # :

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

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	8	Geochem ring to approx 150 mesh
226	8	0-3 Kg crush and split
3202	8	Rock - save entire reject
285	8	ICP - HF digestion charge
287	8	Special dig'n with organic ext'n

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	8	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
13	8	As ppm: HNO3-aqua regia digest	AAS-HYDRIDE/EDL	1	10000
22	8	Sb ppm: HCl-KClO3 digest, extrac	AAS-BKGD CORR	0.2	1000
20	8	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
578	8	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	8	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	8	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	8	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	8	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	8	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	8	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	8	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	8	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	8	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	8	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	8	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	8	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	8	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	8	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	8	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	8	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	8	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	8	Pb ppm: 24 element, rock & core	AAS	2	10000
582	8	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	8	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	8	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	8	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	8	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 : 6409 TAK
Comments: ATTN: DAVID TERRY - VANCOUVER OFFICE

Page : 1-A
Total Pages : 1
Certificate Date: 05-OCT-97
Invoice No. : I9744494
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9744494

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)
DGTK-14	205	226	< 5	2	0.2	< 10	< 0.2	2.70	690	0.5	< 2	0.07	< 0.5	7	115	14
DGTK-15	205	226	< 5	1	0.2	< 10	< 0.2	7.73	230	0.5	< 2	3.87	0.5	25	43	71
DGTK-16	205	226	< 5	1	0.2	< 10	< 0.2	7.06	220	0.5	< 2	5.66	< 0.5	39	270	60
DGTK-17	205	226	< 5	2	0.2	< 10	< 0.2	0.26	100	< 0.5	< 2	0.11	< 0.5	1	148	8
DGTK-18	205	226	< 5	1	0.2	340	< 0.2	3.93	1660	0.5	< 2	0.03	< 0.5	< 1	78	19
DGTK-19	205	226	< 5	1	< 0.2	< 10	< 0.2	8.55	530	0.5	< 2	4.54	0.5	13	45	93
DGTK-20	205	226	< 5	1	< 0.2	< 10	< 0.2	1.03	40	< 0.5	< 2	0.15	< 0.5	8	121	4
DGTK-21	205	226	< 5	2	1.6	10	< 0.2	7.91	1140	0.5	4	0.64	< 0.5	12	52	85

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 : 6409 TAK
Comments: ATTN: DAVID TERRY - VANCOUVER OFFICE

Page : 1-B
Total Pages : 1
Certificate Date: 05-OCT-97
Invoice No. : I9744494
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9744494

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)
DGTK-14	205	226	1.65	0.70	0.82	295	< 1	0.39	24	300	< 2	14	0.12	37	< 10	44
DGTK-15	205	226	7.21	0.76	2.55	1490	< 1	3.13	11	430	< 2	242	0.28	245	< 10	100
DGTK-16	205	226	6.92	0.55	4.36	1105	< 1	2.59	107	800	< 2	170	0.99	250	< 10	84
DGTK-17	205	226	0.35	0.10	0.09	530	1	0.04	4	50	< 2	7	< 0.01	5	< 10	2
DGTK-18	205	226	1.35	1.21	0.56	50	< 1	0.47	8	120	6	39	0.19	83	< 10	30
DGTK-19	205	226	4.91	1.08	1.73	935	< 1	2.18	11	900	< 2	384	0.49	199	< 10	80
DGTK-20	205	226	1.00	0.03	1.20	330	1	0.03	12	250	< 2	4	0.07	11	< 10	26
DGTK-21	205	226	4.34	1.55	1.42	550	< 1	3.01	17	560	< 2	190	0.24	124	< 10	68

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

A9744496

Comments: ATTN: DAVID TERRY

CERTIFICATE A9744496

(GP W) - WESTMIN RESOURCES LTD.

Project: 6409
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 13-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
299	12	Pulp; prepped on other workorder
200	12	Whole rock fusion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
594	12	Al2O3 %: Whole rock	ICP-AES	0.01	100.00
588	12	CaO %: Whole rock	ICP-AES	0.01	100.00
590	12	Cr2O3 %: Whole Rock	ICP-AES	0.01	100.00
586	12	Fe2O3(total) %: Whole rock	ICP-AES	0.01	100.00
821	12	K2O %: Whole rock	ICP-AES	0.01	100.00
593	12	MgO %: Whole rock	ICP-AES	0.01	100.00
596	12	MnO %: Whole rock	ICP-AES	0.01	100.00
599	12	Na2O %: Whole rock	ICP-AES	0.01	100.00
597	12	P2O5 %: Whole rock	ICP-AES	0.01	100.00
592	12	SiO2 %: Whole rock	ICP-AES	0.01	100.00
595	12	TiO2 %: Whole rock	ICP-AES	0.01	100.00
475	12	L.O.I. %: @ 1000 deg.C	FURNACE	0.01	99.99
540	12	Total %	CALCULATION	0.01	105.00

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 : 6409
Comments: ATTN: DAVID TERRY

Certificate Date: 13-OCT-97
Invoice No. : I9744496
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9744496

SAMPLE	PREP CODE		Al2O3 %	CaO %	Cr2O3 %	Fe2O3 %	K2O %	MgO %	MnO %	Na2O %	P2O5 %	SiO2 %	TiO2 %	LOI %	TOTAL %	
DGTK97-01	299	200	14.80	3.24	< 0.01	8.46	1.80	3.66	0.16	2.84	0.36	59.29	0.52	3.47	98.60	
DGTK97-03	299	200	15.49	4.20	< 0.01	9.84	0.42	3.73	0.17	4.59	0.19	56.35	1.10	3.63	99.71	
DGTK97-04	299	200	16.62	3.48	0.01	7.52	1.96	2.48	0.13	3.65	0.19	60.47	0.89	2.76	100.15	
DGTK97-05	299	200	2.75	0.10	0.02	1.07	0.98	0.42	< 0.01	0.26	0.01	93.00	0.17	1.10	99.88	
DGTK97-06	299	200	14.35	4.24	0.01	7.05	2.12	1.81	0.13	2.63	0.20	63.13	0.42	2.63	98.72	
DTTK97-01	299	200	15.06	3.58	0.01	7.96	3.07	3.15	0.15	3.49	0.11	60.74	0.42	2.83	100.55	
DTTK97-02	299	200	< 0.01	0.18	0.04	0.98	0.04	0.05	0.01	0.18	0.03	97.00	0.01	0.81	99.33	
DTTK97-05	299	200	10.20	2.93	0.01	7.35	0.95	3.04	0.19	2.75	0.15	67.19	0.73	2.71	98.20	
DTTK97-06	299	200	15.80	9.96	0.07	10.36	1.00	7.35	0.16	3.32	0.12	48.00	1.34	2.62	100.10	
GBTK97-02	299	200	6.46	0.23	0.03	2.50	0.68	1.10	0.02	1.93	0.06	84.00	0.41	1.26	98.68	
GBTK97-03	299	200	15.55	5.71	0.02	7.99	1.06	3.52	0.14	3.73	0.30	56.16	1.07	4.05	99.30	
GBTK97-04	299	200	0.39	12.90	0.30	5.81	0.05	28.96	0.07	0.09	0.01	31.53	< 0.01	18.99	99.10	

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

A9744499

Comments: ATTN: DAVID TERRY

CERTIFICATE A9744499

(GP W) - WESTMIN RESOURCES LTD.

Project: 6409
P.O. # :

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

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
299	12	Pulp; prepped on other workorder
297	12	Meta-borate fusion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
2855	12	Ba ppm: ICP-MS	ICP-MS	0.5	10000
2501	12	Ce ppm: ICP-MS	ICP-MS	0.5	10000
2858	12	Cs ppm: ICP-MS	ICP-MS	0.1	10000
2859	12	Co ppm: ICP-MS	ICP-MS	0.5	10000
2860	12	Cu ppm: ICP-MS	ICP-MS	5	10000
2502	12	Dy ppm: ICP-MS	ICP-MS	0.1	1000
2503	12	Er ppm: ICP-MS	ICP-MS	0.1	1000
2504	12	Eu ppm: ICP-MS	ICP-MS	0.1	1000
2505	12	Gd ppm: ICP-MS	ICP-MS	0.1	1000
2861	12	Ga ppm: ICP-MS	ICP-MS	1	1000
2842	12	Hf ppm: ICP-MS	ICP-MS	1	10000
2506	12	Ho ppm: IPC-MS	ICP-MS	0.1	1000
2507	12	La ppm: ICP-MS	ICP-MS	0.5	10000
2862	12	Pb ppm: ICP-MS	ICP-MS	5	10000
2508	12	Lu ppm: ICP-MS	ICP-MS	0.1	1000
2509	12	Nd ppm: ICP-MS	ICP-MS	0.5	1000
2863	12	Ni ppm: ICP-MS	ICP-MS	5	10000
2844	12	Nb ppm: ICP-MS	ICP-MS	1	10000
2510	12	Pr ppm: ICP-MS	ICP-MS	0.1	1000
2864	12	Rb ppm: ICP-MS	ICP-MS	0.2	10000
2511	12	Sm ppm: ICP-MS	ICP-MS	0.1	1000
2865	12	Ag ppm: ICP-MS	ICP-MS	1	1000
2867	12	Sr ppm: ICP-MS	ICP-MS	0.1	10000
2868	12	Ta ppm: ICP-MS	ICP-MS	0.5	10000
2512	12	Tb ppm: ICP-MS	ICP-MS	0.1	1000
2869	12	Tl ppm: ICP-MS	ICP-MS	0.5	1000
2550	12	Th ppm: ICP-MS	ICP-MS	1	1000
2513	12	Tm ppm: ICP-MS	ICP-MS	0.1	1000
2870	12	Sn ppm: ICP-MS	ICP-MS	1	10000
2871	12	W ppm: ICP-MS	ICP-MS	1	10000
2549	12	U ppm: ICP-MS	ICP-MS	0.5	1000
2872	12	V ppm: ICP-MS	ICP-MS	5	10000
2514	12	Yb ppm: ICP-MS	ICP-MS	0.1	1000
2873	12	Y ppm: ICP-MS	ICP-MS	0.5	10000
2874	12	Zn ppm: ICP-MS	ICP-MS	5	10000
2875	12	Zr ppm: ICP-MS	ICP-MS	0.5	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 : 6409
Comments: ATTN: DAVID TERRY

Page : 1-A
Total Pages : 1
Certificate Date: 13-OCT-97
Invoice No. : I9744499
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9744499

SAMPLE	PREP CODE		Ba ppm	Ce ppm	Cs ppm	Co ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ga ppm	Hf ppm	Ho ppm	La ppm	Pb ppm	Lu ppm	Nd ppm	Ni ppm	Nb ppm	Pr ppm
DGTK97-01	299	297	891	68.5	3.5	10.0	25	4.7	2.6	1.7	6.6	15	1	0.8	34.0	15	0.4	26.5	< 5	11	8.2
DGTK97-03	299	297	654	23.5	1.2	19.0	115	4.3	3.1	1.5	4.8	19	3	1.0	10.0	< 5	0.5	13.5	10	5	3.8
DGTK97-04	299	297	1700	36.5	1.6	15.5	150	5.6	3.4	1.5	5.3	18	4	1.2	17.5	< 5	0.6	20.5	15	7	5.4
DGTK97-05	299	297	2160	14.5	0.8	< 0.5	35	1.3	0.9	0.5	1.4	7	< 1	0.4	8.5	< 5	0.2	6.5	10	3	2.0
DGTK97-06	299	297	1305	68.0	1.8	4.5	40	4.2	2.7	1.5	5.0	16	3	0.8	36.0	10	0.4	28.0	< 5	9	8.2
DTTK97-01	299	297	1255	34.0	1.6	10.5	65	3.4	2.3	1.4	3.6	18	1	0.8	18.5	15	0.4	15.5	15	5	4.4
DTTK97-02	299	297	84.5	3.5	< 0.1	< 0.5	15	0.3	0.2	< 0.1	0.3	< 1	< 1	< 0.1	1.5	< 5	< 0.1	1.0	5	< 1	0.4
DTTK97-05	299	297	1095	30.5	0.9	22.0	70	3.9	2.5	1.4	4.0	14	3	0.9	11.5	< 5	0.4	16.5	15	5	4.2
DTTK97-06	299	297	983	18.0	0.4	34.0	85	3.9	2.1	1.4	3.7	18	1	0.8	8.5	< 5	0.3	10.0	100	10	2.6
GBTK97-02	299	297	473	48.0	1.2	< 0.5	5	2.8	1.4	0.8	3.3	7	6	0.6	23.5	< 5	0.3	17.5	20	10	5.7
GBTK97-03	299	297	1440	48.5	1.1	17.5	70	4.9	3.1	2.1	5.4	18	4	1.0	23.0	< 5	0.5	24.0	25	18	6.4
GBTK97-04	299	297	24.0	0.5	0.1	86.0	< 5	< 0.1	< 0.1	< 0.1	< 0.1	< 1	< 1	< 0.1	< 0.5	< 5	< 0.1	< 0.5	1700	< 1	< 0.1

CERTIFICATION: Stuart Bridden

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

A9745534

Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

CERTIFICATE A9745534

(GP W) - WESTMIN RESOURCES LTD.

Project: 6409
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 13-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	161	Dry, sieve to -80 mesh
202	161	save reject
285	161	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	161	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	161	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	161	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	161	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	161	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	161	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	161	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	161	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	161	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	161	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	161	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	161	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	161	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	161	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	161	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	161	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	161	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	161	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	161	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	161	Pb ppm: 24 element, rock & core	AAS	2	10000
582	161	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	161	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	161	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	161	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	161	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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 13-OCT-97
Invoice No. : I9745534
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9745534

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)
JTK97-250	201	202	< 10	0.6	6.47	900	2.0	< 2	2.65	< 0.5	9	66	46	3.03	1.85	0.68
JTK97-251	201	202	< 5	< 0.2	5.61	950	1.5	< 2	2.06	< 0.5	7	42	32	2.13	1.34	0.56
JTK97-252	201	202	< 5	< 0.2	7.03	1190	1.5	< 2	0.64	< 0.5	9	84	17	3.05	2.25	0.84
JTK97-253	201	202	< 5	< 0.2	6.45	990	1.5	< 2	0.68	< 0.5	8	92	15	2.72	2.07	0.83
JTK97-254	201	202	< 5	< 0.2	6.46	1020	1.5	< 2	0.96	< 0.5	6	64	18	2.79	1.79	0.60
JTK97-255	201	202	< 5	< 0.2	5.54	1220	1.0	< 2	0.61	< 0.5	6	77	22	2.57	1.65	0.66
JTK97-256	201	202	< 5	< 0.2	6.01	1280	1.5	< 2	0.59	0.5	7	88	26	3.61	1.66	0.72
JTK97-257	201	202	< 5	< 0.2	6.85	940	1.0	< 2	1.11	< 0.5	3	64	17	1.88	2.10	0.55
JTK97-258	201	202	< 5	0.8	6.48	1220	1.5	< 2	0.51	< 0.5	14	121	39	3.76	1.71	0.99
JTK97-259	201	202	< 5	< 0.2	6.18	930	1.0	< 2	0.65	< 0.5	3	61	14	1.85	1.72	0.53
JTK97-260	201	202	< 5	< 0.2	6.10	910	1.0	< 2	0.68	< 0.5	2	53	19	1.59	2.02	0.46
JTK97-261	201	202	< 5	< 0.2	6.12	850	1.0	< 2	1.05	< 0.5	4	31	19	1.79	1.72	0.49
JTK97-262	201	202	< 5	< 0.2	6.37	1040	1.5	< 2	0.64	< 0.5	8	81	27	2.75	1.69	0.78
JTK97-263	201	202	< 5	< 0.2	5.54	930	1.5	< 2	0.63	< 0.5	9	91	20	2.65	1.54	0.79
JTK97-264	201	202	< 5	< 0.2	6.41	960	1.5	< 2	0.92	< 0.5	3	44	22	1.91	1.74	0.51
JTK97-265	201	202	< 5	< 0.2	5.73	890	1.5	< 2	0.48	< 0.5	6	71	17	2.44	1.52	0.66
JTK97-266	201	202	< 5	< 0.2	5.98	980	1.5	< 2	0.59	< 0.5	8	94	20	2.71	1.80	0.81
JTK97-267	201	202	< 5	< 0.2	5.93	890	1.0	< 2	1.06	< 0.5	6	55	20	2.07	1.49	0.52
JTK97-268	201	202	125	< 0.2	6.37	1250	1.5	< 2	1.32	< 0.5	7	90	20	2.43	1.54	0.72
JTK97-269	201	202	< 5	< 0.2	5.93	870	1.5	< 2	1.19	< 0.5	6	48	33	2.42	1.39	0.52
JTK97-270	201	202	< 5	< 0.2	6.24	990	1.5	< 2	0.82	< 0.5	8	81	17	2.52	1.84	0.72
JTK97-271	201	202	< 5	< 0.2	7.04	1170	1.5	< 2	0.74	< 0.5	8	90	29	3.29	2.04	0.66
JTK97-272	201	202	< 5	< 0.2	6.39	1030	1.5	< 2	0.94	0.5	9	66	23	2.88	1.69	0.54
JTK97-273	201	202	< 5	< 0.2	6.19	960	1.5	< 2	0.76	< 0.5	10	93	19	2.51	1.89	0.71
JTK97-274	201	202	< 5	< 0.2	6.32	850	1.5	2	0.40	< 0.5	6	68	39	2.97	1.59	0.51
JTK97-275	201	202	< 5	< 0.2	5.62	910	1.5	< 2	0.33	< 0.5	8	79	34	3.56	1.77	0.52
JTK97-276	201	202	< 5	< 0.2	6.62	850	1.5	< 2	1.10	< 0.5	4	34	20	1.98	1.94	0.48
JTK97-277	201	202	< 5	< 0.2	6.38	950	1.5	< 2	0.62	< 0.5	6	61	34	2.98	1.92	0.50
JTK97-278	201	202	< 5	< 0.2	5.90	870	1.5	< 2	0.75	< 0.5	8	81	17	2.53	1.62	0.74
JTK97-279	201	202	< 5	< 0.2	6.81	970	1.5	< 2	0.83	< 0.5	6	59	27	2.69	1.94	0.56
JTK97-280	201	202	< 5	1.0	8.21	1470	2.0	< 2	0.75	< 0.5	16	115	38	4.59	2.06	0.87
JTK97-281	201	202	< 5	0.4	7.22	1170	1.5	< 2	0.67	< 0.5	11	93	34	3.72	1.73	0.72
JTK97-282	201	202	< 5	< 0.2	5.76	1000	1.5	< 2	0.91	< 0.5	7	57	20	2.34	1.81	0.63
JTK97-283	201	202	< 5	0.6	6.59	1350	1.5	< 2	0.62	0.5	32	85	47	3.89	1.53	0.77
JTK97-284	201	202	< 5	< 0.2	5.68	970	1.5	< 2	0.65	< 0.5	9	64	32	3.10	1.79	0.64
JTK97-285	201	202	< 5	0.8	7.06	2320	1.5	< 2	1.08	< 0.5	14	91	46	3.84	1.62	0.87
JTK97-286	201	202	< 5	< 0.2	9.01	1620	2.0	< 2	0.18	0.5	13	217	52	4.75	2.00	0.87
JTK97-287	201	202	< 5	< 0.2	8.36	1320	2.0	< 2	0.39	< 0.5	6	71	29	2.58	2.91	0.61
JTK97-288	201	202	< 5	0.4	7.06	1080	2.0	< 2	1.67	< 0.5	7	52	43	2.51	1.58	0.69
JTK97-289	201	202	< 5	< 0.2	5.91	830	1.5	< 2	0.68	< 0.5	5	52	29	2.08	1.51	0.49

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 13-OCT-97
Invoice No. : I9745534
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9745534

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)			
JTK97-250	201	202	520	< 1	0.63	30	1860	28	293	0.19	75	< 10	84			
JTK97-251	201	202	500	< 1	1.16	20	1660	10	341	0.19	61	< 10	56			
JTK97-252	201	202	325	< 1	1.17	27	370	14	133	0.37	106	< 10	72			
JTK97-253	201	202	270	< 1	1.24	31	420	10	118	0.41	98	< 10	60			
JTK97-254	201	202	270	< 1	1.49	21	400	4	236	0.33	96	< 10	74			
JTK97-255	201	202	235	< 1	1.11	29	660	8	125	0.33	113	< 10	72			
JTK97-256	201	202	295	< 1	1.11	30	670	12	137	0.36	138	< 10	96			
JTK97-257	201	202	265	< 1	1.93	11	570	8	336	0.30	92	< 10	50			
JTK97-258	201	202	320	< 1	1.08	56	530	6	110	0.42	153	< 10	90			
JTK97-259	201	202	245	< 1	1.29	12	550	6	190	0.38	100	< 10	42			
JTK97-260	201	202	195	< 1	1.33	8	710	6	227	0.29	112	< 10	54			
JTK97-261	201	202	275	< 1	1.85	10	860	8	326	0.24	57	< 10	42			
JTK97-262	201	202	325	< 1	1.13	29	1200	8	155	0.31	112	< 10	78			
JTK97-263	201	202	340	< 1	1.12	32	410	10	117	0.35	106	< 10	58			
JTK97-264	201	202	265	< 1	1.62	13	970	8	287	0.28	81	< 10	44			
JTK97-265	201	202	260	< 1	1.09	21	1000	8	110	0.32	97	< 10	50			
JTK97-266	201	202	275	< 1	1.25	35	370	8	125	0.35	103	< 10	58			
JTK97-267	201	202	315	< 1	1.60	15	2400	6	296	0.23	78	< 10	48			
JTK97-268	201	202	335	< 1	1.13	31	1290	8	188	0.31	101	< 10	52			
JTK97-269	201	202	445	< 1	1.40	21	2600	10	279	0.21	70	< 10	48			
JTK97-270	201	202	370	< 1	1.31	29	680	10	134	0.32	85	< 10	60			
JTK97-271	201	202	660	< 1	0.85	31	2020	10	135	0.33	122	< 10	86			
JTK97-272	201	202	1395	< 1	1.18	23	2820	10	222	0.23	87	< 10	74			
JTK97-273	201	202	585	< 1	1.17	33	540	14	120	0.32	91	< 10	56			
JTK97-274	201	202	320	< 1	0.77	25	2990	10	127	0.34	105	< 10	78			
JTK97-275	201	202	635	< 1	0.58	31	2000	6	84	0.36	130	< 10	104			
JTK97-276	201	202	435	< 1	2.01	11	1320	4	367	0.24	65	< 10	58			
JTK97-277	201	202	375	< 1	1.19	24	1690	4	193	0.32	97	< 10	84			
JTK97-278	201	202	370	< 1	1.43	30	530	4	146	0.31	94	< 10	60			
JTK97-279	201	202	545	< 1	1.43	19	1640	6	260	0.38	100	< 10	70			
JTK97-280	201	202	1105	< 1	0.60	51	1530	6	121	0.28	146	< 10	118			
JTK97-281	201	202	650	< 1	0.94	37	1980	8	167	0.28	146	< 10	108			
JTK97-282	201	202	425	< 1	1.43	23	860	< 2	223	0.33	94	< 10	68			
JTK97-283	201	202	2660	< 1	0.57	43	2410	12	126	0.21	152	< 10	116			
JTK97-284	201	202	500	< 1	1.08	31	820	4	151	0.37	97	< 10	82			
JTK97-285	201	202	2200	4	0.66	60	3100	< 2	187	0.23	203	< 10	154			
JTK97-286	201	202	1310	< 1	0.41	62	3120	4	71	0.30	553	< 10	190			
JTK97-287	201	202	230	< 1	0.84	18	1180	4	137	0.36	110	< 10	80			
JTK97-288	201	202	490	< 1	1.22	31	1690	< 2	314	0.16	71	< 10	58			
JTK97-289	201	202	385	< 1	1.20	15	2280	4	203	0.27	91	< 10	48			

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Page Number :2-A
Total Pages :5
Certificate Date: 13-OCT-97
Invoice No. :I9745534
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9745534

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)
JTK97-290	201	202	5	< 0.2	5.74	1080	1.5	< 2	0.54	< 0.5	4	66	32	2.12	1.63	0.46
JTK97-291	201	202	< 5	< 0.2	5.38	860	1.0	< 2	0.48	< 0.5	10	66	22	2.44	1.82	0.45
JTK97-292	201	202	< 5	< 0.2	6.23	940	1.0	< 2	0.80	< 0.5	3	48	28	1.84	1.84	0.43
JTK97-293	201	202	< 5	< 0.2	6.40	1090	1.5	< 2	0.58	< 0.5	4	70	26	2.18	1.97	0.54
JTK97-294	201	202	< 5	< 0.2	6.11	920	1.5	< 2	0.42	< 0.5	8	77	27	2.92	2.16	0.66
JTK97-295	201	202	< 5	< 0.2	6.74	990	1.5	< 2	0.74	< 0.5	8	106	18	3.03	2.28	0.76
JTK97-296	201	202	< 5	< 0.2	6.06	900	1.5	< 2	0.67	< 0.5	9	86	40	2.92	1.79	0.68
JTK97-297	201	202	< 5	< 0.2	5.97	740	1.5	< 2	0.53	< 0.5	7	57	33	2.66	1.96	0.56
JTK97-298	201	202	< 5	< 0.2	5.70	810	1.0	< 2	0.68	< 0.5	4	60	24	2.46	1.68	0.57
JTK97-299	201	202	< 5	< 0.2	5.73	760	0.5	2	0.42	< 0.5	5	71	31	2.36	1.74	0.42
JTK97-300	201	202	< 5	< 0.2	5.80	920	1.5	< 2	0.68	< 0.5	7	54	27	2.45	1.93	0.49
JTK97-301	201	202	< 5	< 0.2	5.69	1060	1.5	< 2	0.99	< 0.5	12	135	25	3.65	2.20	0.81
JTK97-302	201	202	< 5	< 0.2	6.49	850	1.0	< 2	1.14	< 0.5	5	42	19	1.99	1.90	0.51
JTK97-303	201	202	< 5	< 0.2	5.79	1150	1.5	< 2	1.49	< 0.5	14	157	34	4.09	2.07	1.05
JTK97-304	201	202	< 5	< 0.2	6.02	980	1.5	< 2	0.75	< 0.5	15	139	46	4.33	1.93	1.18
JTK97-305	201	202	< 5	0.4	6.28	940	1.5	< 2	0.82	< 0.5	4	54	24	1.99	1.55	0.56
JTK97-306	201	202	< 5	< 0.2	6.57	1050	1.5	< 2	1.04	< 0.5	6	51	25	2.47	1.85	0.55
JTK97-307	201	202	< 5	< 0.2	5.87	1110	1.5	< 2	1.00	1.0	6	51	30	2.03	1.69	0.50
JTK97-308	201	202	< 5	< 0.2	5.82	930	1.5	< 2	0.28	< 0.5	8	80	46	3.23	1.67	0.57
JTK97-309	201	202	< 5	< 0.2	5.75	780	1.5	< 2	0.25	< 0.5	5	72	29	2.72	1.71	0.49
JTK97-310	201	202	< 5	< 0.2	5.65	710	1.5	< 2	0.40	0.5	4	57	56	2.32	1.44	0.40
JTK97-311	201	202	< 5	< 0.2	4.95	740	1.0	< 2	0.87	< 0.5	31	858	11	3.45	1.31	5.14
JTK97-312	201	202	< 5	< 0.2	3.98	520	0.5	< 2	0.57	< 0.5	79	1350	9	4.70	0.93	7.60
JTK97-313	201	202	< 5	< 0.2	3.99	570	0.5	2	0.49	< 0.5	84	1435	20	5.07	0.93	8.13
JTK97-314	201	202	< 5	< 0.2	3.00	460	0.5	< 2	0.38	< 0.5	158	2110	17	5.76	0.69	11.10
JTK97-315	201	202	< 5	< 0.2	3.26	840	0.5	2	0.76	< 0.5	113	1150	24	3.72	0.76	8.50
JTK97-316	201	202	< 5	< 0.2	4.27	580	0.5	< 2	0.89	< 0.5	74	1235	14	4.79	0.99	7.58
JTK97-317	201	202	< 5	< 0.2	1.57	110	< 0.5	< 2	0.12	< 0.5	203	2060	11	6.00	0.21	>15.00
JTK97-318	201	202	< 5	< 0.2	6.07	860	0.5	< 2	1.14	< 0.5	27	400	26	4.07	1.47	2.42
JTK97-319	201	202	< 5	1.0	6.67	1020	1.5	< 2	0.72	0.5	16	100	47	4.77	2.03	1.01
JTK97-320	201	202	< 5	< 0.2	5.78	950	1.0	< 2	0.47	0.5	9	78	22	3.48	1.67	0.71
JTK97-321	201	202	< 5	< 0.2	4.78	750	0.5	< 2	0.38	< 0.5	4	55	10	2.01	1.31	0.39
JTK97-322	201	202	< 5	< 0.2	5.53	770	1.0	< 2	0.55	< 0.5	8	97	18	4.42	1.56	0.81
JTK97-323	201	202	< 5	4.0	5.88	1140	1.0	< 2	0.51	< 0.5	8	86	17	1.88	1.50	0.57
JTK97-324	201	202	< 5	0.4	4.73	840	0.5	< 2	0.29	< 0.5	6	68	12	2.99	1.27	0.49
JTK97-325	201	202	< 5	< 0.2	5.52	850	0.5	< 2	0.66	< 0.5	12	139	17	3.00	1.43	1.12
JTK97-326	201	202	< 5	< 0.2	4.83	910	0.5	< 2	0.30	0.5	6	63	11	3.11	1.35	0.54
JTK97-327	201	202	< 5	< 0.2	5.88	990	1.0	< 2	0.58	< 0.5	9	73	13	3.12	1.58	0.72
JTK97-328	201	202	< 5	< 0.2	6.54	940	1.0	< 2	1.07	< 0.5	5	39	18	2.12	1.88	0.53
JTK97-329	201	202	< 5	< 0.2	6.08	1650	0.5	< 2	0.98	< 0.5	4	45	21	1.65	1.77	0.46

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 13-OCT-97
Invoice No. : I9745534
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9745534

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)			
JTK97-290	201	202	480	< 1	0.93	16	3080	20	163	0.30	115	< 10	72			
JTK97-291	201	202	1195	< 1	0.96	14	1610	12	154	0.31	120	< 10	52			
JTK97-292	201	202	275	< 1	1.49	12	1660	4	276	0.25	93	< 10	50			
JTK97-293	201	202	260	< 1	1.07	15	1190	6	173	0.30	107	< 10	50			
JTK97-294	201	202	430	< 1	0.81	25	630	8	133	0.33	97	< 10	68			
JTK97-295	201	202	400	< 1	1.10	23	720	8	215	0.40	126	< 10	64			
JTK97-296	201	202	480	< 1	1.04	26	770	8	211	0.30	122	< 10	64			
JTK97-297	201	202	770	< 1	0.98	18	1190	6	197	0.29	86	< 10	58			
JTK97-298	201	202	240	< 1	1.12	16	460	10	230	0.32	106	< 10	40			
JTK97-299	201	202	300	< 1	0.90	15	1080	6	168	0.41	110	< 10	56			
JTK97-300	201	202	525	< 1	1.20	16	1260	8	206	0.30	101	< 10	62			
JTK97-301	201	202	1630	< 1	0.94	27	1420	8	233	0.35	144	< 10	78			
JTK97-302	201	202	380	< 1	1.86	10	1100	4	367	0.27	74	< 10	52			
JTK97-303	201	202	1210	< 1	1.12	35	2480	6	320	0.34	163	< 10	84			
JTK97-304	201	202	715	< 1	0.85	43	930	12	215	0.37	147	< 10	82			
JTK97-305	201	202	350	< 1	1.34	13	3430	4	256	0.23	76	< 10	44			
JTK97-306	201	202	1090	< 1	1.52	15	2810	6	313	0.21	105	< 10	60			
JTK97-307	201	202	740	< 1	1.28	15	2650	6	258	0.31	80	< 10	72			
JTK97-308	201	202	295	< 1	0.58	31	1460	14	150	0.35	143	< 10	78			
JTK97-309	201	202	290	< 1	0.59	19	2150	8	81	0.38	105	< 10	70			
JTK97-310	201	202	410	< 1	0.80	15	3810	8	127	0.27	92	< 10	50			
JTK97-311	201	202	495	< 1	1.29	546	340	8	166	0.25	85	< 10	62			
JTK97-312	201	202	825	< 1	0.88	600	370	< 2	100	0.20	79	< 10	50			
JTK97-313	201	202	1065	< 1	0.88	863	460	< 2	99	0.19	80	< 10	58			
JTK97-314	201	202	2030	< 1	0.59	1375	660	< 2	74	0.14	62	< 10	70			
JTK97-315	201	202	2280	< 1	0.73	1180	630	< 2	72	0.15	62	< 10	64			
JTK97-316	201	202	955	< 1	1.04	461	370	< 2	135	0.18	74	< 10	72			
JTK97-317	201	202	1105	< 1	0.29	1295	300	< 2	25	0.04	54	< 10	38			
JTK97-318	201	202	610	< 1	1.63	111	570	< 2	227	0.29	108	< 10	64			
JTK97-319	201	202	2330	< 1	1.28	36	1760	10	222	0.43	155	< 10	94			
JTK97-320	201	202	625	< 1	0.94	27	1860	10	112	0.32	149	< 10	84			
JTK97-321	201	202	205	< 1	0.95	13	950	8	116	0.25	111	< 10	48			
JTK97-322	201	202	495	< 1	1.01	34	2530	16	125	0.28	128	< 10	72			
JTK97-323	201	202	620	< 1	1.20	17	310	8	143	0.34	111	< 10	54			
JTK97-324	201	202	355	< 1	0.80	19	1030	10	79	0.27	148	< 10	70			
JTK97-325	201	202	1000	< 1	1.31	50	760	10	184	0.27	119	< 10	86			
JTK97-326	201	202	395	< 1	0.78	19	910	8	69	0.24	132	< 10	66			
JTK97-327	201	202	810	< 1	1.10	22	910	10	129	0.29	125	< 10	76			
JTK97-328	201	202	415	< 1	1.98	14	650	6	337	0.23	77	< 10	52			
JTK97-329	201	202	300	< 1	1.73	16	310	6	279	0.19	80	< 10	70			

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 13-OCT-97
Invoice No. : I9745534
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9745534

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)
JTK97-330	201	202	< 5	0.4	6.23	1050	0.5	< 2	0.71	0.5	5	52	13	1.49	1.76	0.55
JTK97-331	201	202	< 5	< 0.2	6.26	1020	1.5	< 2	0.69	< 0.5	8	75	15	2.67	1.72	0.83
JTK97-332	201	202	< 5	< 0.2	5.96	870	0.5	< 2	0.48	< 0.5	5	53	15	3.20	1.59	0.51
JTK97-333	201	202	< 5	< 0.2	6.47	1240	1.5	< 2	0.70	< 0.5	16	148	32	3.46	1.64	1.45
JTK97-334	201	202	< 5	< 0.2	6.20	1270	1.0	< 2	0.41	< 0.5	8	105	21	4.45	1.53	0.89
JTK97-335	201	202	< 5	1.4	6.78	1650	1.5	< 2	0.69	< 0.5	8	80	22	2.60	1.90	0.82
JTK97-336	201	202	< 5	< 0.2	6.27	1430	1.0	< 2	0.91	0.5	7	58	17	2.24	1.87	0.75
JTK97-337	201	202	< 5	< 0.2	8.32	2200	2.0	< 2	0.21	< 0.5	28	177	90	4.59	2.84	1.93
JTK97-338	201	202	< 5	< 0.2	7.09	1680	1.5	< 2	0.42	0.5	14	153	54	4.32	2.20	1.36
JTK97-339	201	202	< 5	< 0.2	8.81	2110	2.0	< 2	0.32	0.5	13	129	33	4.67	2.82	1.40
JTK97-340	201	202	< 5	0.4	7.74	1660	1.5	< 2	0.38	< 0.5	8	98	13	2.98	2.41	1.23
JTK97-341	201	202	< 5	< 0.2	6.03	980	1.0	< 2	0.55	< 0.5	6	85	18	2.39	1.67	0.58
JTK97-342	201	202	< 5	< 0.2	7.39	1490	1.5	< 2	1.10	0.5	14	75	19	3.14	2.43	0.92
JTK97-343	201	202	< 5	< 0.2	8.47	1810	2.5	< 2	0.49	< 0.5	15	104	27	4.10	3.20	1.12
JTK97-344	201	202	< 5	< 0.2	5.17	900	0.5	< 2	0.27	< 0.5	5	58	14	1.79	1.62	0.35
JTK97-345	201	202	< 5	< 0.2	7.98	1310	2.0	< 2	0.18	0.5	7	104	21	4.93	2.66	0.79
JTK97-346	201	202	< 5	< 0.2	4.61	1000	0.5	< 2	0.29	< 0.5	4	64	16	1.61	1.42	0.29
JTK97-347	201	202	< 5	< 0.2	5.92	1300	1.0	< 2	0.56	0.5	7	67	15	2.40	1.69	0.56
JTK97-348	201	202	< 5	< 0.2	5.21	890	0.5	< 2	0.32	0.5	6	68	10	2.78	1.29	0.50
JTK97-349	201	202	< 5	< 0.2	5.23	840	1.0	< 2	0.35	< 0.5	4	56	11	3.29	1.44	0.46
JTK97-350	201	202	< 5	1.4	6.35	1010	1.5	< 2	0.47	0.5	27	391	25	5.09	1.57	2.80
JTK97-351	201	202	< 5	0.4	6.49	2240	1.5	2	0.13	0.5	4	100	45	3.05	1.78	0.52
JTK97-352	201	202	< 5	< 0.2	8.32	2450	2.5	< 2	0.12	0.5	21	128	62	4.05	3.07	0.59
JTK97-353	201	202	< 5	0.4	7.43	3290	2.0	< 2	0.49	2.0	15	98	53	4.08	2.41	0.63
JTK97-354	201	202	< 5	< 0.2	7.57	2370	1.5	< 2	0.20	< 0.5	9	105	36	2.87	2.12	0.58
JTK97-355	201	202	< 5	< 0.2	7.39	1990	2.0	< 2	0.38	0.5	7	92	45	2.34	2.34	0.53
JTK97-356	201	202	< 5	< 0.2	8.21	1830	1.5	< 2	0.69	< 0.5	11	99	44	2.72	2.55	0.64
JTK97-357	201	202	< 5	< 0.2	9.62	1720	2.5	< 2	0.25	0.5	15	95	49	3.62	3.09	0.82
JTK97-358	201	202	< 5	< 0.2	7.41	1620	1.5	< 2	0.41	0.5	6	106	30	2.49	2.27	0.60
JTK97-359	201	202	< 5	< 0.2	6.75	1620	1.0	< 2	0.37	0.5	8	88	35	2.49	2.09	0.46
JTK97-360	201	202	< 5	< 0.2	7.24	2050	1.5	< 2	0.22	< 0.5	8	109	35	2.57	2.26	0.58
JTK97-361	201	202	< 5	< 0.2	5.54	1900	1.5	< 2	0.33	0.5	12	200	80	3.54	1.74	1.03
JTK97-362	201	202	< 5	< 0.2	5.66	1410	1.0	< 2	0.52	0.5	4	66	9	1.76	1.80	0.43
JTK97-363	201	202	< 5	< 0.2	6.48	2130	1.5	< 2	0.64	2.5	16	153	46	3.76	1.73	1.17
JTK97-364	201	202	< 5	< 0.2	5.32	1500	1.0	< 2	0.40	0.5	5	83	17	1.98	1.81	0.52
JTK97-365	201	202	< 5	< 0.2	6.33	1800	1.5	< 2	0.28	0.5	8	98	31	3.69	2.08	0.70
JTK97-366	201	202	< 5	< 0.2	6.73	2780	2.0	< 2	0.98	0.5	14	103	23	3.04	1.97	0.96
JTK97-367	201	202	< 5	< 0.2	6.15	3000	1.5	< 2	1.28	2.0	16	115	41	2.86	1.82	1.00
JTK97-368	201	202	< 5	< 0.2	6.59	1450	1.5	< 2	0.55	< 0.5	7	86	29	3.29	1.96	0.63
JTK97-369	201	202	< 5	< 0.2	5.90	940	1.0	< 2	0.80	< 0.5	5	53	17	1.91	1.76	0.42

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 13-OCT-97
Invoice No. :I9745534
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9745534

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)			
JTK97-330	201	202	335	< 1	1.61	10	210	8	219	0.28	110	< 10	48			
JTK97-331	201	202	485	< 1	1.24	28	330	10	144	0.28	113	< 10	72			
JTK97-332	201	202	260	< 1	1.18	15	870	8	124	0.27	122	< 10	60			
JTK97-333	201	202	580	< 1	1.12	81	520	10	125	0.30	125	< 10	78			
JTK97-334	201	202	395	< 1	0.87	43	450	12	94	0.30	141	< 10	94			
JTK97-335	201	202	360	< 1	1.18	32	360	8	134	0.32	111	< 10	72			
JTK97-336	201	202	360	< 1	1.47	22	300	6	229	0.25	96	< 10	60			
JTK97-337	201	202	2810	< 1	0.44	108	530	12	37	0.21	153	< 10	110			
JTK97-338	201	202	450	< 1	0.91	70	590	12	103	0.29	169	< 10	112			
JTK97-339	201	202	750	< 1	0.90	54	1470	20	78	0.32	159	< 10	120			
JTK97-340	201	202	400	< 1	1.04	44	520	8	114	0.31	106	< 10	78			
JTK97-341	201	202	375	< 1	1.44	22	1000	8	181	0.34	107	< 10	46			
JTK97-342	201	202	1650	< 1	1.04	34	1200	14	152	0.31	89	< 10	90			
JTK97-343	201	202	450	< 1	0.99	49	810	10	79	0.45	114	< 10	98			
JTK97-344	201	202	185	< 1	0.82	13	590	8	89	0.31	115	< 10	50			
JTK97-345	201	202	345	< 1	0.66	30	2190	16	59	0.40	144	< 10	80			
JTK97-346	201	202	160	< 1	0.82	15	450	8	88	0.30	114	< 10	50			
JTK97-347	201	202	275	< 1	1.21	20	410	10	164	0.27	126	< 10	60			
JTK97-348	201	202	225	< 1	0.83	17	670	10	89	0.25	120	< 10	48			
JTK97-349	201	202	290	< 1	0.86	16	2280	10	110	0.22	123	< 10	64			
JTK97-350	201	202	810	< 1	1.02	103	1190	16	131	0.32	140	< 10	122			
JTK97-351	201	202	115	< 1	0.34	20	710	10	85	0.41	205	< 10	120			
JTK97-352	201	202	295	< 1	0.37	48	1260	12	70	0.31	222	< 10	170			
JTK97-353	201	202	895	< 1	0.89	43	1450	10	135	0.32	184	< 10	130			
JTK97-354	201	202	340	< 1	0.63	28	550	6	103	0.33	195	< 10	116			
JTK97-355	201	202	165	< 1	0.90	22	720	12	175	0.27	188	< 10	98			
JTK97-356	201	202	275	< 1	1.20	22	580	10	242	0.38	187	< 10	82			
JTK97-357	201	202	645	< 1	0.62	30	630	26	94	0.35	153	< 10	112			
JTK97-358	201	202	190	< 1	1.01	23	690	10	150	0.31	200	< 10	92			
JTK97-359	201	202	465	< 1	0.99	20	530	10	149	0.36	160	< 10	92			
JTK97-360	201	202	215	< 1	0.55	28	510	10	78	0.43	201	< 10	86			
JTK97-361	201	202	255	1	0.66	104	1460	12	173	0.26	179	< 10	138			
JTK97-362	201	202	415	< 1	1.12	13	490	10	140	0.31	132	< 10	46			
JTK97-363	201	202	555	< 1	0.75	75	880	12	104	0.24	157	< 10	88			
JTK97-364	201	202	230	< 1	0.84	23	800	8	131	0.25	142	< 10	62			
JTK97-365	201	202	285	< 1	0.63	33	1430	10	78	0.23	179	< 10	92			
JTK97-366	201	202	700	< 1	0.95	54	990	10	174	0.25	139	< 10	98			
JTK97-367	201	202	1880	< 1	1.15	68	1010	8	237	0.24	114	< 10	108			
JTK97-368	201	202	360	< 1	1.08	27	1010	8	159	0.33	152	< 10	86			
JTK97-369	201	202	290	< 1	1.58	12	670	6	263	0.35	95	< 10	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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 13-OCT-97
Invoice No. : I9745534
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9745534

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)
JTK97-370	201	202	< 5	< 0.2	5.06	880	1.0	< 2	0.30	0.5	5	69	12	3.74	1.30	0.47
JTK97-371	201	202	< 5	< 0.2	4.60	800	0.5	< 2	0.43	< 0.5	3	45	14	1.23	1.38	0.26
JTK97-372	201	202	< 5	< 0.2	5.31	1290	1.0	< 2	0.39	< 0.5	5	77	22	1.57	1.67	0.38
JTK97-373	201	202	< 5	< 0.2	5.98	1280	1.0	< 2	0.52	< 0.5	6	72	18	2.99	1.67	0.63
JTK97-374	201	202	< 5	< 0.2	6.07	1810	1.0	2	0.58	< 0.5	6	85	23	1.98	1.79	0.68
JTK97-375	201	202	< 5	0.8	6.37	1490	1.5	< 2	0.69	0.5	6	71	23	2.28	1.89	0.69
JTK97-376	201	202	< 5	0.6	6.82	1390	1.5	< 2	0.76	0.5	6	62	22	2.14	2.16	0.56
JTK97-377	201	202	< 5	< 0.2	6.82	1390	1.5	< 2	0.54	< 0.5	9	93	22	3.17	1.94	0.85
JTK97-378	201	202	< 5	< 0.2	6.75	1170	1.0	< 2	0.79	< 0.5	4	54	17	1.35	1.88	0.46
JTK97-379	201	202	< 5	< 0.2	6.75	1750	1.5	< 2	0.63	< 0.5	6	85	21	1.96	2.16	0.62
JTK97-380	201	202	< 5	< 0.2	5.42	1390	1.0	< 2	0.39	< 0.5	3	60	15	1.22	1.73	0.37
JTK97-381	201	202	< 5	< 0.2	6.01	1500	1.0	< 2	0.46	< 0.5	7	84	31	3.18	1.82	0.56
JTK97-382	201	202	< 5	< 0.2	5.82	1380	1.0	< 2	0.71	0.5	5	54	24	1.80	1.77	0.39
JTK97-383	201	202	< 5	< 0.2	5.91	1790	1.0	< 2	0.36	0.5	5	62	27	2.03	1.79	0.44
JTK97-384	201	202	< 5	1.2	5.98	1400	1.0	< 2	0.51	< 0.5	3	63	23	1.65	1.62	0.55
JTK97-385	201	202	< 5	0.2	6.76	1390	1.5	< 2	0.49	< 0.5	7	71	24	3.37	1.73	0.70
JTK97-386	201	202	< 5	1.0	6.31	1140	1.0	< 2	0.84	0.5	3	53	24	1.78	1.82	0.47
JTK97-387	201	202	< 5	< 0.2	7.68	1800	1.5	< 2	0.39	0.5	9	124	26	3.86	1.85	0.86
JTK97-388	201	202	< 5	< 0.2	5.33	1600	0.5	< 2	0.48	< 0.5	3	44	21	1.20	1.65	0.31
JTK97-389	201	202	< 5	1.4	5.83	1290	0.5	< 2	0.39	0.5	3	56	15	1.44	1.52	0.38
JTK97-390	201	202	< 5	0.2	5.55	1300	1.0	< 2	0.49	0.5	5	71	18	2.58	1.75	0.51
JTK97-391	201	202	< 5	< 0.2	5.75	1300	1.0	< 2	0.34	< 0.5	5	87	15	2.16	1.70	0.50
JTK97-392	201	202	< 5	< 0.2	7.18	2680	1.5	< 2	0.82	0.5	14	153	35	3.00	1.85	1.04
JTK97-393	201	202	10	0.6	8.83	3190	2.0	< 2	0.66	< 0.5	12	226	54	3.52	2.41	1.08
JTK97-394	201	202	< 5	< 0.2	4.93	2500	1.0	< 2	0.86	2.5	14	73	74	2.24	1.08	0.70
JTK97-395	201	202	< 5	< 0.2	5.60	1190	1.0	< 2	0.60	< 0.5	10	282	15	2.64	1.59	1.31
JTK97-396	201	202	< 5	< 0.2	6.90	2000	1.0	< 2	0.89	0.5	11	74	36	2.39	1.58	0.78
JTK97-397	201	202	< 5	< 0.2	6.45	2860	1.5	< 2	0.92	< 0.5	13	180	59	2.70	1.38	1.65
JTK97-398	201	202	< 5	< 0.2	5.92	1660	1.0	< 2	0.69	< 0.5	28	584	26	4.29	1.50	3.19
JTK97-399	201	202	< 5	< 0.2	5.45	1240	1.0	< 2	0.57	0.5	22	408	23	3.24	1.35	2.63
JTK97-400	201	202	< 5	< 0.2	5.95	950	0.5	< 2	0.70	< 0.5	9	202	10	2.54	1.41	1.38
JTK97-401	201	202	< 5	< 0.2	4.75	1650	1.0	< 2	0.54	< 0.5	16	138	58	3.08	1.24	1.25
JTK97-402	201	202	< 5	< 0.2	4.99	720	0.5	< 2	1.39	< 0.5	42	775	38	3.85	1.15	6.09
JTK97-403	201	202	< 5	< 0.2	4.18	690	0.5	< 2	1.84	< 0.5	54	517	16	2.42	0.92	4.93
JTK97-404	201	202	< 5	< 0.2	5.69	820	1.0	< 2	1.41	< 0.5	41	567	16	3.05	1.31	3.94
JTK97-405	201	202	< 5	< 0.2	5.28	680	0.5	< 2	1.12	< 0.5	38	646	10	2.86	1.12	4.52
JTK97-406	201	202	< 5	< 0.2	5.17	830	0.5	< 2	0.68	< 0.5	62	880	11	3.50	1.25	6.47
JTK97-407	201	202	< 5	< 0.2	6.07	1080	1.5	< 2	0.75	< 0.5	29	390	14	2.95	1.52	2.75
JTK97-408	201	202	< 5	< 0.2	5.89	1000	1.0	< 2	0.69	< 0.5	30	543	13	3.14	1.47	3.46
JTK97-409	201	202	< 5	< 0.2	5.04	880	0.5	< 2	0.58	< 0.5	52	719	12	3.71	1.25	4.83

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 13-OCT-97
Invoice No. : I9745534
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9745534

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)			
JTK97-370	201	202	305	< 1	0.69	20	1730	16	79	0.33	155	< 10	64			
JTK97-371	201	202	170	< 1	1.04	11	320	8	144	0.29	89	< 10	46			
JTK97-372	201	202	180	< 1	0.90	19	420	10	127	0.39	134	< 10	66			
JTK97-373	201	202	265	< 1	1.02	24	460	6	143	0.28	137	< 10	64			
JTK97-374	201	202	285	< 1	1.32	23	430	6	167	0.40	140	< 10	62			
JTK97-375	201	202	305	< 1	1.29	26	310	10	183	0.30	133	< 10	68			
JTK97-376	201	202	320	1	1.50	22	550	10	242	0.30	126	< 10	72			
JTK97-377	201	202	365	< 1	1.10	38	380	10	142	0.34	148	< 10	76			
JTK97-378	201	202	230	< 1	1.55	10	450	6	268	0.36	102	< 10	44			
JTK97-379	201	202	270	< 1	1.21	25	310	8	183	0.32	145	< 10	64			
JTK97-380	201	202	150	< 1	0.94	14	280	6	122	0.36	120	< 10	46			
JTK97-381	201	202	295	< 1	0.90	28	1470	10	129	0.35	183	< 10	100			
JTK97-382	201	202	235	< 1	1.40	21	740	6	246	0.31	116	< 10	72			
JTK97-383	201	202	185	< 1	0.85	18	710	6	118	0.31	151	< 10	80			
JTK97-384	201	202	185	1	0.94	15	260	8	132	0.32	153	< 10	46			
JTK97-385	201	202	335	< 1	1.03	30	780	8	136	0.31	146	< 10	88			
JTK97-386	201	202	345	< 1	1.54	12	570	10	256	0.32	102	< 10	46			
JTK97-387	201	202	365	< 1	0.81	44	720	10	113	0.43	192	< 10	96			
JTK97-388	201	202	165	< 1	1.11	8	530	6	180	0.30	116	< 10	44			
JTK97-389	201	202	230	< 1	0.92	13	390	6	114	0.37	119	< 10	70			
JTK97-390	201	202	245	< 1	0.93	18	1250	8	131	0.30	166	< 10	62			
JTK97-391	201	202	235	< 1	0.77	25	720	10	97	0.33	138	< 10	54			
JTK97-392	201	202	815	< 1	1.10	80	960	10	186	0.32	186	< 10	96			
JTK97-393	201	202	1060	< 1	0.87	93	850	8	140	0.38	267	< 10	104			
JTK97-394	201	202	3770	< 1	0.74	43	2050	8	107	0.22	91	< 10	114			
JTK97-395	201	202	450	< 1	1.15	84	250	8	128	0.36	122	< 10	50			
JTK97-396	201	202	2020	< 1	1.15	21	680	12	180	0.40	144	< 10	92			
JTK97-397	201	202	500	< 1	1.28	117	430	10	192	0.26	105	< 10	76			
JTK97-398	201	202	755	< 1	1.11	200	430	8	158	0.30	133	< 10	80			
JTK97-399	201	202	620	< 1	0.93	219	510	8	117	0.26	120	< 10	90			
JTK97-400	201	202	375	< 1	1.37	75	270	8	134	0.31	121	< 10	54			
JTK97-401	201	202	590	4	0.68	161	780	8	75	0.33	139	< 10	104			
JTK97-402	201	202	650	< 1	0.94	695	480	4	118	0.20	97	< 10	68			
JTK97-403	201	202	615	< 1	0.89	633	480	6	129	0.18	76	< 10	48			
JTK97-404	201	202	565	< 1	1.36	435	360	8	206	0.22	93	< 10	60			
JTK97-405	201	202	480	< 1	1.23	540	260	10	164	0.23	84	< 10	62			
JTK97-406	201	202	660	< 1	1.23	502	170	6	155	0.24	95	< 10	64			
JTK97-407	201	202	480	< 1	1.36	307	180	10	173	0.31	111	< 10	72			
JTK97-408	201	202	500	< 1	1.33	447	170	8	165	0.29	107	< 10	70			
JTK97-409	201	202	775	< 1	1.11	608	230	6	132	0.23	94	< 10	78			

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Page Number :5-A
Total Pages :5
Certificate Date: 13-OCT-97
Invoice No. :I9745534
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9745534

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)
JTK97-410	201	202	< 5	< 0.2	2.15	360	< 0.5	< 2	0.29	< 0.5	121	2180	15	5.73	0.55	12.55

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Certificate Date: 13-OCT-97
Invoice No. : I9745534
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9745534

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)			
JTK97-410	201	202	1200	< 1	0.63	1405	540	< 2	77	0.10	58	< 10	140			

CERTIFICATION: Stewart Bamber

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 : 6409
Comments: ATTN: DAVID TERRY

Page Number : 1-B
Total Pages : 1
Certificate Date: 13-OCT-97
Invoice No. : I9744499
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9744499

SAMPLE	PREP CODE		Rb ppm	Sm ppm	Ag ppm	Sr ppm	Ta ppm	Tb ppm	Tl ppm	Th ppm	Tm ppm	Sn ppm	W ppm	U ppm	V ppm	Yb ppm	Y ppm	Zn ppm	Zr ppm
DGTK97-01	299	297	53.4	6.0	< 1	715	1.0	1.1	< 0.5	6	0.4	1	1	3.5	85	2.4	20.5	120	104.5
DGTK97-03	299	297	6.2	3.8	< 1	129.5	0.5	0.9	< 0.5	1	0.6	1	1	0.5	220	3.2	25.0	100	99.5
DGTK97-04	299	297	39.6	5.1	< 1	141.0	1.0	1.1	< 0.5	2	0.6	1	1	1.5	155	3.5	29.5	85	154.0
DGTK97-05	299	297	35.0	1.8	< 1	16.3	< 0.5	0.3	< 0.5	< 1	0.1	< 1	< 1	2.0	45	0.9	7.0	25	30.0
DGTK97-06	299	297	61.8	5.2	< 1	1145	0.5	0.8	< 0.5	6	0.5	1	< 1	4.0	55	2.8	20.5	100	106.0
DTTK97-01	299	297	54.4	4.2	< 1	282	< 0.5	0.8	< 0.5	2	0.5	1	< 1	1.5	130	2.7	19.0	90	58.5
DTTK97-02	299	297	1.0	0.4	< 1	6.7	< 0.5	< 0.1	< 0.5	< 1	< 0.1	1	< 1	1.5	< 5	0.4	2.5	5	4.5
DTTK97-05	299	297	24.4	4.7	< 1	199.0	0.5	0.7	< 0.5	< 1	0.4	1	< 1	0.5	180	2.5	19.5	75	91.0
DTTK97-06	299	297	20.4	3.2	< 1	438	1.0	0.7	< 0.5	< 1	0.4	1	< 1	< 0.5	215	2.2	18.0	80	66.5
GBTK97-02	299	297	23.0	3.5	< 1	60.4	1.5	0.5	< 0.5	4	0.4	1	1	2.0	50	1.8	13.0	35	222
GBTK97-03	299	297	22.6	5.6	< 1	291	2.0	1.1	< 0.5	2	0.6	1	< 1	1.5	205	2.9	25.0	80	147.0
GBTK97-04	299	297	0.4	0.1	< 1	220	< 0.5	< 0.1	< 0.5	< 1	< 0.1	< 1	< 1	0.5	20	< 0.1	< 0.5	30	2.5

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

A9744501

Comments: ATTN: DAVID TERRY - VANCOUVER OFFICE

CERTIFICATE A9744501

(GP W) - WESTMIN RESOURCES LTD.

Project: 6409 TAK
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 13-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
299	8	Pulp; prepped on other workorder
200	8	Whole rock fusion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
594	8	Al2O3 %: Whole rock	ICP-AES	0.01	100.00
588	8	CaO %: Whole rock	ICP-AES	0.01	100.00
590	8	Cr2O3 %: Whole Rock	ICP-AES	0.01	100.00
586	8	Fe2O3(total) %: Whole rock	ICP-AES	0.01	100.00
821	8	K2O %: Whole rock	ICP-AES	0.01	100.00
593	8	MgO %: Whole rock	ICP-AES	0.01	100.00
596	8	MnO %: Whole rock	ICP-AES	0.01	100.00
599	8	Na2O %: Whole rock	ICP-AES	0.01	100.00
597	8	P2O5 %: Whole rock	ICP-AES	0.01	100.00
592	8	SiO2 %: Whole rock	ICP-AES	0.01	100.00
595	8	TiO2 %: Whole rock	ICP-AES	0.01	100.00
475	8	L.O.I. %: @ 1000 deg.C	FURNACE	0.01	99.99
540	8	Total %	CALCULATION	0.01	105.00

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 : 6409 TAK
Comments: ATTN: DAVID TERRY - VANCOUVER OFFICE

Certificate Date: 13-OCT-97
Invoice No. : I9744501
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9744501

SAMPLE	PREP CODE		Al2O3 %	CaO %	Cr2O3 %	Fe2O3 %	K2O %	MgO %	MnO %	Na2O %	P2O5 %	SiO2 %	TiO2 %	LOI %	TOTAL %
DGTK-14	299	200	5.61	0.01	0.01	2.68	1.21	1.42	0.04	0.85	0.06	86.00	0.24	1.42	99.55
DGTK-15	299	200	15.73	5.88	< 0.01	12.20	1.21	4.63	0.22	5.04	0.16	51.00	0.54	3.17	99.78
DGTK-16	299	200	12.64	8.14	0.05	10.76	0.95	7.41	0.15	3.72	0.22	50.16	1.66	2.27	98.13
DGTK-17	299	200	0.51	0.11	0.01	0.44	0.24	0.14	0.07	0.12	0.01	95.50	0.01	0.67	97.83
DGTK-18	299	200	7.38	< 0.01	< 0.01	1.83	1.61	0.92	< 0.01	0.68	0.04	83.00	0.33	2.18	97.97
DGTK-19	299	200	16.23	7.05	0.01	7.70	1.18	2.73	0.14	2.90	0.21	58.00	0.88	2.53	99.56
DGTK-20	299	200	2.28	0.12	0.01	1.58	0.60	2.12	0.04	0.34	0.09	90.50	0.12	1.14	98.94
DGTK-21	299	200	14.72	0.77	< 0.01	6.03	2.32	2.41	0.07	4.86	0.20	63.00	0.38	3.19	97.95

CERTIFICATION: Stan 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

A9744503

Comments: ATTN: DAVID TERRY - VANCOUVER OFFICE

CERTIFICATE A9744503

(GP W) - WESTMIN RESOURCES LTD.

Project: 6409 TAK
P.O. # :

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

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
299	8	Pulp; prepped on other workorder
297	8	Meta-borate fusion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
2855	8	Ba ppm: ICP-MS	ICP-MS	0.5	10000
2501	8	Ce ppm: ICP-MS	ICP-MS	0.5	10000
2858	8	Cs ppm: ICP-MS	ICP-MS	0.1	10000
2859	8	Co ppm: ICP-MS	ICP-MS	0.5	10000
2860	8	Cu ppm: ICP-MS	ICP-MS	5	10000
2502	8	Dy ppm: ICP-MS	ICP-MS	0.1	1000
2503	8	Er ppm: ICP-MS	ICP-MS	0.1	1000
2504	8	Eu ppm: ICP-MS	ICP-MS	0.1	1000
2505	8	Gd ppm: ICP-MS	ICP-MS	0.1	1000
2861	8	Ga ppm: ICP-MS	ICP-MS	1	1000
2842	8	Hf ppm: ICP-MS	ICP-MS	1	10000
2506	8	Ho ppm: IPC-MS	ICP-MS	0.1	1000
2507	8	La ppm: ICP-MS	ICP-MS	0.5	10000
2862	8	Pb ppm: ICP-MS	ICP-MS	5	10000
2508	8	Lu ppm: ICP-MS	ICP-MS	0.1	1000
2509	8	Nd ppm: ICP-MS	ICP-MS	0.5	1000
2863	8	Ni ppm: ICP-MS	ICP-MS	5	10000
2844	8	Nb ppm: ICP-MS	ICP-MS	1	10000
2510	8	Pr ppm: ICP-MS	ICP-MS	0.1	1000
2864	8	Rb ppm: ICP-MS	ICP-MS	0.2	10000
2511	8	Sm ppm: ICP-MS	ICP-MS	0.1	1000
2865	8	Ag ppm: ICP-MS	ICP-MS	1	1000
2867	8	Sr ppm: ICP-MS	ICP-MS	0.1	10000
2868	8	Ta ppm: ICP-MS	ICP-MS	0.5	10000
2512	8	Tb ppm: ICP-MS	ICP-MS	0.1	1000
2869	8	Tl ppm: ICP-MS	ICP-MS	0.5	1000
2550	8	Th ppm: ICP-MS	ICP-MS	1	1000
2513	8	Tm ppm: ICP-MS	ICP-MS	0.1	1000
2870	8	Sn ppm: ICP-MS	ICP-MS	1	10000
2871	8	W ppm: ICP-MS	ICP-MS	1	10000
2549	8	U ppm: ICP-MS	ICP-MS	0.5	1000
2872	8	V ppm: ICP-MS	ICP-MS	5	10000
2514	8	Yb ppm: ICP-MS	ICP-MS	0.1	1000
2873	8	Y ppm: ICP-MS	ICP-MS	0.5	10000
2874	8	Zn ppm: ICP-MS	ICP-MS	5	10000
2875	8	Zr ppm: ICP-MS	ICP-MS	0.5	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 : 6409 TAK
Comments: ATTN: DAVID TERRY - VANCOUVER OFFICE

Page Number : 1-A
Total Pages : 1
Certificate Date: 13-OCT-97
Invoice No. : 19744503
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9744503

SAMPLE	PREP CODE		Ba ppm	Ce ppm	Cs ppm	Co ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ga ppm	Hf ppm	Ho ppm	La ppm	Pb ppm	Lu ppm	Nd ppm	Ni ppm	Nb ppm	Pr ppm
DGTK-14	299	297	769	27.5	1.8	< 0.5	15	2.4	2.0	1.0	3.6	10	1	0.6	12.5	< 5	0.5	12.0	20	5	3.3
DGTK-15	299	297	301	15.5	0.8	30.5	75	2.6	1.9	0.8	2.1	16	< 1	0.6	7.5	< 5	0.3	8.0	10	4	2.3
DGTK-16	299	297	282	35.0	0.5	35.0	60	5.2	2.8	1.7	5.9	15	1	1.0	15.0	< 5	0.4	17.5	120	16	4.8
DGTK-17	299	297	105.5	2.5	0.2	< 0.5	5	0.3	0.1	< 0.1	0.3	1	< 1	< 0.1	1.0	< 5	< 0.1	1.5	< 5	< 1	0.3
DGTK-18	299	297	1870	26.5	2.4	< 0.5	20	2.7	1.6	0.8	2.7	10	3	0.6	14.5	< 5	0.3	10.5	10	8	3.6
DGTK-19	299	297	616	34.0	0.9	16.5	95	4.9	3.0	1.8	4.5	19	4	1.1	15.5	< 5	0.5	19.5	20	6	5.1
DGTK-20	299	297	67.0	15.0	0.1	< 0.5	5	2.0	1.4	0.5	2.7	3	< 1	0.5	9.5	< 5	0.2	7.5	5	2	2.3
DGTK-21	299	297	1335	26.5	1.8	4.0	80	2.5	1.8	0.7	3.2	14	1	0.7	15.5	< 5	0.5	12.0	5	4	4.0

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 : 6409 TAK
Comments: ATTN: DAVID TERRY - VANCOUVER OFFICE

Page Number :1-B
Total Pages :1
Certificate Date: 13-OCT-97
Invoice No. :I9744503
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9744503

SAMPLE	PREP CODE		Rb ppm	Sm ppm	Ag ppm	Sr ppm	Ta ppm	Tb ppm	Tl ppm	Th ppm	Tm ppm	Sn ppm	W ppm	U ppm	V ppm	Yb ppm	Y ppm	Zn ppm	Zr ppm
DGTK-14	299	297	30.0	2.9	< 1	17.8	< 0.5	0.7	< 0.5	3	0.6	4	3	1.5	35	2.1	10.0	40	91.0
DGTK-15	299	297	16.6	2.9	< 1	270	1.0	0.6	< 0.5	1	0.3	1	1	< 0.5	275	1.8	12.5	105	26.0
DGTK-16	299	297	14.2	6.2	1	184.5	3.5	0.9	1.5	1	0.5	2	1	< 0.5	260	2.0	22.0	85	63.0
DGTK-17	299	297	4.8	0.3	< 1	7.1	< 0.5	< 0.1	< 0.5	< 1	< 0.1	< 1	< 1	< 0.5	< 5	0.1	1.0	< 5	7.5
DGTK-18	299	297	54.2	2.5	< 1	42.5	1.5	0.5	< 0.5	3	0.3	1	1	2.0	85	1.7	14.0	30	123.0
DGTK-19	299	297	25.6	4.9	< 1	384	1.0	1.0	< 0.5	1	0.5	4	< 1	1.0	205	2.7	24.0	80	117.0
DGTK-20	299	297	2.0	2.2	< 1	6.8	< 0.5	0.5	< 0.5	< 1	0.2	< 1	1	0.5	5	1.6	11.0	25	49.0
DGTK-21	299	297	40.4	3.4	< 1	217	< 0.5	0.6	< 0.5	2	0.4	< 1	2	2.0	120	2.2	15.5	65	66.0

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

A9745433

Comments: ATTN: DAVID TERRY

CERTIFICATE A9745433

(GP W) - WESTMIN RESOURCES LTD.

Project: 6409
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 9-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	1	Geochem ring to approx 150 mesh
226	1	0-3 Kg crush and split
3202	1	Rock - save entire reject
285	1	ICP - HF digestion charge
287	1	Special dig'n with organic ext'n

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	1	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
13	1	As ppm: HNO3-aqua regia digest	AAS-HYDRIDE/EDL	1	10000
22	1	Sb ppm: HCl-KClO3 digest, extrac	AAS-BKGD CORR	0.2	1000
20	1	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
578	1	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	1	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	1	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	1	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	1	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	1	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	1	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	1	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	1	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	1	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	1	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	1	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	1	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	1	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	1	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	1	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	1	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	1	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	1	Pb ppm: 24 element, rock & core	AAS	2	10000
582	1	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	1	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	1	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	1	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	1	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 : 6409
Comments: ATTN: DAVID TERRY

Certificate Date: 09-OCT-97
Invoice No. : I9745433
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9745433

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)
271222	205	226	< 5	6	< 0.2	170	< 0.2	5.31	400	< 0.5	< 2	0.07	< 0.5	< 1	108	7

CERTIFICATION: Stewart Borchardt

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 : 6409
Comments: ATTN: DAVID TERRY

Page Number :1-B
Total Pages :1
Certificate Date: 09-OCT-97
Invoice No. :19745433
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9745433

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)
271222	205	226	2.10	0.84	0.16	35	< 1	2.82	1	90	< 2	31	0.15	47	< 10	12

CERTIFICATION: David Chen

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

A9745547

Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

CERTIFICATE A9745547

(GP W) - WESTMIN RESOURCES LTD.

Project: 6410
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 13-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	51	Dry, sieve to -80 mesh
202	51	save reject
251	51	Pulp splitting charge
285	51	ICP - HF digestion charge
287	51	Special dig'n with organic ext'n
287	51	Special dig'n with organic ext'n

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	50	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
13	51	As ppm: HNO3-aqua regia digest	AAS-HYDRIDE/EDL	1	10000
22	50	Sb ppm: HCl-KClO3 digest, extrac	AAS-BKGD CORR	0.2	1000
20	51	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
578	51	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	51	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	51	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	51	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	51	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	51	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	51	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	51	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	51	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	51	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	51	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	51	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	51	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	51	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	51	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	51	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	51	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	51	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	51	Pb ppm: 24 element, rock & core	AAS	2	10000
582	51	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	51	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	51	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	51	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	51	Zn ppm: 24 element, rock & core	ICP-AES	2	10000
16	50	Se ppm: HCl-KClO3 digest, ext	AAS-BKGD CORR	0.2	100.0

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.
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: 13-OCT-97
Invoice No. : I9745547
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9745547

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)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)	Mo ppm (ICP)
DM97 212CM TK	201	202	10	1	0.2	< 10	< 0.2	6.24	990	2.0	< 2	0.86	0.5	4	37	13	1.55	2.56	0.53	255	1
DM97 213CM TK	201	202	< 5	2	< 0.2	< 10	< 0.2	7.91	1140	2.0	< 2	1.56	0.5	9	37	23	2.34	2.44	0.77	520	< 1
DM97 214CM TK	201	202	< 5	2	0.2	10	< 0.2	7.03	1140	1.5	< 2	2.44	1.5	5	26	22	1.77	2.29	0.62	535	3
DM97 215CM TK	201	202	< 5	4	< 0.2	< 10	< 0.2	6.63	1160	2.5	< 2	0.71	0.5	4	41	6	1.74	2.94	0.65	230	1
DM97 216CM TK	201	202	< 5	1	< 0.2	< 10	< 0.2	7.76	1000	1.0	< 2	2.78	1.5	6	7	19	1.63	2.31	0.63	530	< 1
DM97 217CM TK	201	202	< 5	2	< 0.2	< 10	< 0.2	7.79	1080	2.5	< 2	1.54	1.5	4	16	14	1.18	3.29	0.54	275	< 1
DM97 218CM TK	201	202	< 5	1	< 0.2	< 10	< 0.2	7.58	900	1.0	< 2	1.98	< 0.5	5	6	17	1.47	2.23	0.61	370	< 1
DM97 219CM TK	201	202	< 5	4	0.6	10	< 0.2	8.29	1190	2.5	< 2	1.57	2.5	12	49	41	3.04	2.43	0.79	805	6
DM97 220CM TK	201	202	< 5	2	< 0.2	< 10	< 0.2	7.21	880	1.5	< 2	1.76	1.0	4	8	19	1.40	2.17	0.54	390	< 1
DM97 221CM TK	201	202	< 5	2	< 0.2	< 10	< 0.2	6.91	1150	1.5	< 2	1.37	< 0.5	3	19	12	1.14	2.22	0.49	285	< 1
DM97 222CM TK	201	202	< 5	1	< 0.2	< 10	< 0.2	7.58	930	1.5	< 2	1.62	< 0.5	3	8	17	1.41	2.38	0.53	340	< 1
DM97 223CM TK	201	202	< 5	2	< 0.2	10	< 0.2	6.55	910	1.5	< 2	1.10	< 0.5	2	19	12	1.16	2.41	0.44	245	< 1
DM97 224CM TK	201	202	< 5	1	< 0.2	< 10	< 0.2	6.36	970	2.0	< 2	0.89	< 0.5	3	56	4	1.32	2.47	0.49	295	< 1
DM97 225CM TK	201	202	< 5	1	< 0.2	< 10	< 0.2	7.39	900	1.5	< 2	1.51	< 0.5	5	16	14	1.32	2.32	0.51	345	< 1
DM97 226CM TK	201	202	< 5	1	< 0.2	< 10	< 0.2	7.61	910	1.0	< 2	1.85	< 0.5	5	7	18	1.57	2.26	0.59	375	< 1
DM97 227CM TK	201	202	< 5	1	< 0.2	10	< 0.2	7.39	890	1.0	< 2	1.54	< 0.5	4	7	20	1.32	2.26	0.45	335	< 1
DM97 228CM TK	201	202	< 5	1	< 0.2	10	< 0.2	6.61	920	2.0	< 2	0.93	< 0.5	2	23	7	0.94	2.56	0.42	200	< 1
DM97 229CM TK	201	202	< 5	1	< 0.2	< 10	< 0.2	6.65	830	2.0	2	0.76	< 0.5	2	18	6	0.85	2.91	0.39	170	< 1
DM97 230CM TK	201	202	< 5	2	< 0.2	< 10	< 0.2	7.01	980	3.0	< 2	0.35	< 0.5	1	23	3	1.66	2.51	0.48	125	< 1
DM97 231CM TK	201	202	< 5	2	< 0.2	10	< 0.2	7.27	910	1.0	< 2	1.78	< 0.5	4	6	18	1.40	2.25	0.53	355	< 1
DM97 232CM TK	201	202	< 5	1	< 0.2	< 10	< 0.2	6.79	1290	2.0	< 2	0.69	0.5	1	19	7	0.97	2.45	0.41	155	< 1
DM97 233CM TK	201	202	< 5	1	< 0.2	< 10	< 0.2	7.64	980	1.0	< 2	1.71	0.5	4	9	20	1.40	2.36	0.53	355	< 1
DM97 234CM TK	201	202	< 5	12	< 0.2	190	2.8	5.19	1050	2.5	< 2	1.88	4.5	8	20	85	1.89	1.33	0.51	760	4
DM97 235CM TK	201	202	< 5	2	< 0.2	10	0.6	7.14	990	1.5	2	1.79	0.5	4	18	24	1.44	2.12	0.58	310	< 1
DM97 236CM TK	201	202	< 5	2	< 0.2	40	< 0.2	7.54	1940	2.0	< 2	1.36	0.5	4	8	17	1.35	2.33	0.55	285	< 1
DM97 237CM TK	201	202	< 5	2	< 0.2	20	0.4	7.15	920	1.5	< 2	1.69	0.5	6	10	23	1.44	2.18	0.61	325	< 1
DM97 238CM TK	201	202	< 5	2	< 0.2	< 10	< 0.2	7.57	960	1.0	< 2	1.68	< 0.5	4	13	18	1.54	2.25	0.57	355	< 1
DM97 239CM TK	201	202	< 5	4	< 0.2	10	< 0.2	7.59	920	1.0	< 2	1.76	< 0.5	4	8	18	1.45	2.27	0.54	360	< 1
DM97 240CM TK	201	202	< 5	2	< 0.2	80	< 0.2	6.17	1010	2.0	< 2	1.19	1.5	6	21	31	1.74	2.01	0.54	605	1
DM97 241CM TK	201	202	< 5	2	not/ss	150	0.4	3.96	780	1.5	< 2	2.08	3.5	4	31	30	1.25	1.36	0.66	255	< 1
DM97 242CM TK	201	202	< 5	8	0.2	140	0.6	6.77	1130	2.0	< 2	1.40	2.0	6	49	22	2.37	2.32	0.85	450	< 1
DM97 243CM TK	201	202	< 5	2	0.2	120	0.4	8.03	1400	2.5	< 2	1.05	0.5	12	55	20	3.11	2.54	0.93	1215	< 1
DM97 244CM TK	201	202	< 5	1	< 0.2	10	< 0.2	7.15	880	1.0	< 2	1.55	< 0.5	4	6	16	1.31	2.22	0.49	335	< 1
DM97 245CM TK	201	202	< 5	6	< 0.2	120	< 0.2	4.97	1130	1.5	< 2	2.32	4.0	8	52	29	1.85	1.46	1.06	1000	3
DM97 246CM TK	201	202	< 5	1	< 0.2	< 10	< 0.2	7.32	880	1.0	< 2	1.83	< 0.5	4	7	17	1.50	2.15	0.58	360	< 1
DM97 247CM TK	201	202	< 5	2	< 0.2	80	< 0.2	5.46	1410	2.0	< 2	1.63	3.0	10	58	53	2.47	1.49	0.90	515	3
DM97 248CM TK	201	202	< 5	2	< 0.2	< 10	< 0.2	6.56	1460	1.5	< 2	0.63	< 0.5	3	49	6	1.34	2.25	0.50	145	< 1
DM97 249CM TK	201	202	< 5	1	< 0.2	< 10	< 0.2	7.40	930	1.0	< 2	1.69	< 0.5	4	6	18	1.44	2.27	0.51	360	< 1
DM97 250CM TK	201	202	< 5	1	< 0.2	< 10	< 0.2	7.39	900	1.0	< 2	1.70	< 0.5	4	6	17	1.45	2.24	0.53	355	< 1
DM97 251CM TK	201	202	< 5	1	< 0.2	< 10	< 0.2	7.64	980	1.5	< 2	1.68	< 0.5	5	8	18	1.56	2.31	0.54	375	< 1

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 :2
Certificate Date: 13-OCT-97
Invoice No. :I9745547
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9745547

SAMPLE	PREP CODE		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)	Se ppm
DM97 212CM TK	201	202	1.45	11	660	8	201	0.22	74	< 10	60	< 0.2
DM97 213CM TK	201	202	2.14	19	390	14	380	0.25	81	< 10	214	< 0.2
DM97 214CM TK	201	202	2.28	10	580	12	412	0.24	74	< 10	204	< 0.2
DM97 215CM TK	201	202	1.32	13	530	14	125	0.26	86	< 10	112	< 0.2
DM97 216CM TK	201	202	2.92	4	580	6	620	0.22	44	< 10	114	< 0.2
DM97 217CM TK	201	202	1.78	4	380	6	311	0.21	54	< 10	100	< 0.2
DM97 218CM TK	201	202	2.87	5	270	8	603	0.20	39	< 10	52	< 0.2
DM97 219CM TK	201	202	1.83	23	520	40	335	0.26	107	< 10	314	< 0.2
DM97 220CM TK	201	202	2.69	4	470	12	535	0.19	37	< 10	62	< 0.2
DM97 221CM TK	201	202	2.33	3	270	10	405	0.21	66	< 10	56	< 0.2
DM97 222CM TK	201	202	2.78	4	240	4	526	0.20	39	< 10	52	< 0.2
DM97 223CM TK	201	202	1.96	5	1220	12	328	0.22	42	< 10	42	< 0.2
DM97 224CM TK	201	202	1.46	11	340	20	173	0.38	79	< 10	48	< 0.2
DM97 225CM TK	201	202	2.53	5	250	10	463	0.24	43	< 10	48	< 0.2
DM97 226CM TK	201	202	2.92	4	480	6	591	0.20	41	< 10	50	< 0.2
DM97 227CM TK	201	202	2.73	3	450	8	516	0.18	31	< 10	48	< 0.2
DM97 228CM TK	201	202	1.81	6	270	12	262	0.26	45	< 10	30	< 0.2
DM97 229CM TK	201	202	1.66	4	240	10	209	0.22	32	< 10	24	< 0.2
DM97 230CM TK	201	202	1.24	6	170	16	82	0.22	44	< 10	32	< 0.2
DM97 231CM TK	201	202	2.77	4	270	4	542	0.19	35	< 10	58	< 0.2
DM97 232CM TK	201	202	1.76	4	150	8	192	0.24	44	< 10	48	< 0.2
DM97 233CM TK	201	202	2.85	4	270	4	551	0.21	39	< 10	56	< 0.2
DM97 234CM TK	201	202	1.42	34	1880	64	308	0.15	48	< 10	248	< 0.2
DM97 235CM TK	201	202	2.42	8	390	20	481	0.24	64	< 10	64	< 0.2
DM97 236CM TK	201	202	2.17	5	590	20	425	0.19	35	< 10	62	< 0.2
DM97 237CM TK	201	202	2.56	6	530	10	491	0.20	41	< 10	56	< 0.2
DM97 238CM TK	201	202	2.80	5	570	8	542	0.21	45	< 10	54	< 0.2
DM97 239CM TK	201	202	2.87	4	620	12	568	0.19	35	< 10	52	< 0.2
DM97 240CM TK	201	202	1.47	16	1020	22	267	0.17	52	< 10	84	< 0.2
DM97 241CM TK	201	202	0.52	23	1080	12	115	0.13	55	< 10	186	not/ss
DM97 242CM TK	201	202	0.92	25	1330	24	132	0.23	92	< 10	252	< 0.2
DM97 243CM TK	201	202	1.21	26	1510	26	162	0.27	108	< 10	184	< 0.2
DM97 244CM TK	201	202	2.68	4	470	6	498	0.18	34	< 10	46	< 0.2
DM97 245CM TK	201	202	0.87	48	1590	16	156	0.18	124	< 10	550	< 0.2
DM97 246CM TK	201	202	2.80	5	430	6	561	0.20	40	< 10	54	< 0.2
DM97 247CM TK	201	202	1.08	30	1320	36	150	0.24	120	< 10	112	< 0.2
DM97 248CM TK	201	202	1.58	8	310	8	132	0.38	131	< 10	34	< 0.2
DM97 249CM TK	201	202	2.86	4	340	4	555	0.19	35	< 10	52	< 0.2
DM97 250CM TK	201	202	2.83	4	310	6	559	0.18	35	< 10	48	< 0.2
DM97 251CM TK	201	202	2.98	3	290	6	567	0.21	43	< 10	52	< 0.2

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: 13-OCT-97
Invoice No. : I9745547
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9745547

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)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)	Mo ppm (ICP)
DM97 252CM TK	201	202	< 5	2	< 0.2	10	< 0.2	6.19	1190	1.5	< 2	1.34	< 0.5	6	43	13	1.72	2.12	0.80	255	< 1
DM97 253CM TK	201	202	< 5	1	< 0.2	80	< 0.2	2.12	450	0.5	< 2	3.81	< 0.5	2	8	24	0.61	0.47	0.41	105	< 1
DM97 254CM TK	201	202	< 5	1	< 0.2	90	< 0.2	3.50	720	0.5	< 2	3.03	1.0	4	33	19	1.14	1.00	0.69	255	< 1
DM97 255CM TK	201	202	< 5	2	< 0.2	70	< 0.2	4.95	830	1.0	< 2	2.64	< 0.5	4	12	32	1.27	1.30	0.50	340	1
DM97 256CM TK	201	202	< 5	1	< 0.2	70	< 0.2	1.00	370	< 0.5	< 2	4.23	1.5	< 1	7	26	0.36	0.23	0.34	65	< 1
DM97 257CM TK	201	202	< 5	1	< 0.2	40	< 0.2	4.67	600	0.5	< 2	2.84	0.5	4	7	23	1.06	1.29	0.55	370	1
DM97 258CM TK	201	202	< 5	1	< 0.2	< 10	< 0.2	7.46	1210	1.0	< 2	1.77	< 0.5	5	17	16	1.54	2.25	0.64	350	< 1
DM97 259CM TK	201	202	not/ss	2	< 0.2	150	< 0.2	1.46	420	< 0.5	< 2	3.45	10.5	1	14	31	0.53	0.46	0.51	295	2
DM97 260CM TK	201	202	< 5	1	< 0.2	10	< 0.2	7.47	920	1.0	< 2	1.72	< 0.5	4	18	18	1.48	2.22	0.52	360	< 1
DM97 261CM TK	201	202	< 5	1	< 0.2	10	< 0.2	7.13	880	1.0	< 2	1.62	< 0.5	4	6	17	1.45	2.11	0.50	370	< 1
DM97 262CM TK	201	202	< 5	1	< 0.2	10	< 0.2	7.48	920	1.0	< 2	1.74	< 0.5	5	6	18	1.61	2.26	0.57	390	< 1

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: 13-OCT-97
Invoice No. : I9745547
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9745547

SAMPLE	PREP CODE		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)	Se ppm
DM97 252CM TK	201	202	1.68	18	790	10	198	0.28	92	< 10	50	< 0.2
DM97 253CM TK	201	202	0.58	12	710	< 2	260	0.07	16	< 10	20	< 0.2
DM97 254CM TK	201	202	0.76	21	940	< 2	189	0.15	70	< 10	98	< 0.2
DM97 255CM TK	201	202	1.65	15	950	4	396	0.14	36	< 10	50	< 0.2
DM97 256CM TK	201	202	0.26	15	760	< 2	198	0.03	16	< 10	26	< 0.2
DM97 257CM TK	201	202	1.73	9	610	< 2	425	0.14	30	< 10	50	< 0.2
DM97 258CM TK	201	202	2.78	5	230	4	513	0.23	78	< 10	50	< 0.2
DM97 259CM TK	201	202	0.33	27	1020	< 2	147	0.05	28	< 10	300	< 0.2
DM97 260CM TK	201	202	2.87	5	830	6	565	0.19	36	< 10	50	< 0.2
DM97 261CM TK	201	202	2.73	4	720	4	536	0.19	35	< 10	50	< 0.2
DM97 262CM TK	201	202	2.89	4	410	6	569	0.20	40	< 10	50	< 0.2

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

A9745491

Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME

CERTIFICATE A9745491

(GP W) - WESTMIN RESOURCES LTD.

Project: 6409
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 13-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	151	Dry, sieve to -80 mesh
202	151	save reject
285	151	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	122	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	151	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	151	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	151	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	151	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	151	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	151	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	151	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	151	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	151	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	151	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	151	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	151	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	151	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	151	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	151	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	151	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	151	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	151	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	151	Pb ppm: 24 element, rock & core	AAS	2	10000
582	151	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	151	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	151	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	151	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	151	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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME

Page Number : 1-A
Total Pages : 4
Certificate Date: 13-OCT-97
Invoice No. : I9745491
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9745491

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)
DMTK97-01	201	202	< 5	< 0.2	6.48	2000	1.5	< 2	1.49	< 0.5	39	227	113	5.17	1.37	1.85
DMTK97-02	201	202	5	< 0.2	6.25	1650	1.5	< 2	1.89	0.5	39	290	116	5.03	1.31	2.26
DMTK97-03	201	202	not/ss	< 0.2	5.07	970	0.5	< 2	2.60	< 0.5	56	660	123	5.52	0.70	4.80
DMTK97-04	201	202	< 5	< 0.2	5.90	1100	0.5	< 2	1.25	< 0.5	8	72	32	2.26	1.48	0.86
DMTK97-05	201	202	< 5	< 0.2	7.04	1940	1.0	< 2	1.66	< 0.5	29	240	78	4.83	1.69	2.18
DMTK97-06	201	202	< 5	< 0.2	6.45	1830	1.0	< 2	1.78	< 0.5	72	919	123	7.38	1.02	5.07
DMTK97-07	201	202	< 5	< 0.2	6.30	820	1.0	< 2	2.04	< 0.5	18	191	54	2.92	1.47	1.68
DMTK97-08	201	202	< 5	< 0.2	6.82	820	1.0	< 2	1.93	< 0.5	12	107	37	2.24	1.88	1.17
DMTK97-09	201	202	< 5	< 0.2	7.29	2580	2.0	< 2	0.84	< 0.5	36	157	101	5.36	2.51	1.73
DMTK97-10	201	202	15	< 0.2	6.46	2220	1.5	< 2	0.72	0.5	21	124	69	4.61	2.00	1.20
DMTK97-11	201	202	< 5	< 0.2	6.60	1510	1.5	< 2	1.47	< 0.5	8	46	41	3.14	1.82	0.75
DMTK97-12	201	202	10	1.0	4.67	2360	0.5	< 2	0.58	1.0	15	133	36	3.96	0.93	1.08
DMTK97-13	201	202	not/ss	< 0.2	5.07	1290	0.5	< 2	2.21	< 0.5	6	12	16	1.76	1.07	0.74
DMTK97-14	201	202	25	< 0.2	7.22	1200	1.0	< 2	1.94	< 0.5	8	20	27	2.10	1.97	0.78
DMTK97-15	201	202	< 5	< 0.2	6.73	3330	1.5	< 2	0.68	1.0	9	84	75	3.35	1.82	1.04
DMTK97-16	201	202	not/ss	< 0.2	4.42	1650	1.0	< 2	1.78	< 0.5	11	115	53	2.88	0.98	1.00
DMTK97-17	201	202	not/ss	< 0.2	6.74	2460	1.5	< 2	0.75	0.5	24	228	54	5.58	1.77	1.73
DMTK97-18	201	202	not/ss	0.6	2.77	1830	0.5	< 2	0.95	1.5	14	85	86	2.16	0.65	0.72
DMTK97-19	201	202	< 5	0.6	5.88	4280	1.5	< 2	0.68	1.0	18	179	56	4.36	1.71	1.56
DMTK97-20A	201	202	10	< 0.2	6.75	3650	2.0	< 2	0.39	0.5	31	294	94	5.84	1.85	2.91
DMTK97-20B	201	202	< 5	< 0.2	6.36	1220	0.5	< 2	1.95	< 0.5	30	369	80	4.63	1.09	3.10
DMTK97-21	201	202	not/ss	< 0.2	6.68	1830	1.5	< 2	0.32	< 0.5	7	135	65	4.65	2.47	1.06
DMTK97-22	201	202	< 5	< 0.2	6.79	2490	1.5	< 2	1.37	0.5	20	134	42	4.68	1.69	1.58
DMTK97-23	201	202	< 5	< 0.2	6.42	4040	1.5	< 2	1.35	1.0	25	229	55	4.89	1.96	1.86
DMTK97-24	201	202	10	< 0.2	7.65	5540	2.0	< 2	0.36	1.5	11	179	95	5.54	1.96	1.43
DMTK97-25	201	202	not/ss	< 0.2	6.40	5680	2.0	< 2	0.93	1.5	16	155	71	4.89	1.96	1.56
DMTK97-26	201	202	10	< 0.2	6.84	5310	1.5	< 2	1.15	1.5	16	92	62	4.26	1.97	1.03
DMTK97-27	201	202	< 5	< 0.2	6.24	5020	2.0	< 2	0.50	2.0	29	153	91	5.61	1.91	1.49
DMTK97-28	201	202	< 5	< 0.2	6.99	1910	1.5	< 2	1.47	0.5	34	324	80	6.33	1.47	3.68
DMTK97-29	201	202	< 5	< 0.2	6.68	2310	1.0	< 2	1.46	0.5	53	475	74	6.33	1.36	4.14
DMTK97-30	201	202	not/ss	< 0.2	5.67	3410	1.5	< 2	1.36	1.5	38	429	89	6.31	1.20	3.48
DMTK97-31	201	202	not/ss	< 0.2	7.06	3860	2.0	< 2	0.63	0.5	28	308	90	6.22	1.65	2.42
DMTK97-32	201	202	not/ss	0.8	5.32	4410	1.5	< 2	0.35	3.5	18	123	62	4.85	1.40	0.98
DMTK97-33	201	202	10	0.6	6.34	7470	2.0	< 2	0.29	4.0	39	143	122	6.51	1.95	1.09
DMTK97-34	201	202	< 5	< 0.2	6.22	6940	2.0	< 2	0.35	3.5	29	164	92	5.81	2.09	0.93
DMTK97-35	201	202	< 5	< 0.2	6.38	1530	1.5	< 2	1.04	< 0.5	10	92	38	3.21	1.78	0.93
DMTK97-36	201	202	not/ss	< 0.2	6.75	1780	1.5	< 2	0.63	0.5	14	102	52	4.44	1.79	1.11
DMTK97-37	201	202	< 5	< 0.2	7.04	1660	1.5	< 2	1.10	< 0.5	42	264	97	5.87	1.72	2.50
DMTK97-38	201	202	not/ss	< 0.2	7.23	930	1.0	< 2	1.81	< 0.5	11	55	23	2.61	1.89	1.01
DMTK97-39	201	202	< 5	< 0.2	5.96	1010	1.0	< 2	0.81	< 0.5	14	90	37	4.18	1.58	1.10

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME

Page Number :1-B
Total Pages :4
Certificate Date: 13-OCT-97
Invoice No. :19745491
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9745491

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)			
DMTK97-01	201	202	665	< 1	1.45	192	3020	90	165	0.66	206	< 10	136			
DMTK97-02	201	202	835	< 1	1.37	206	2340	26	167	0.72	178	< 10	132			
DMTK97-03	201	202	1015	< 1	0.77	385	1790	8	100	0.51	174	< 10	104			
DMTK97-04	201	202	310	< 1	1.78	29	1790	14	315	0.34	89	< 10	48			
DMTK97-05	201	202	670	< 1	1.61	131	2090	10	255	0.63	172	< 10	108			
DMTK97-06	201	202	1210	< 1	0.78	702	2500	6	119	0.61	214	< 10	154			
DMTK97-07	201	202	495	< 1	1.93	118	1320	8	396	0.31	75	< 10	58			
DMTK97-08	201	202	405	< 1	2.46	80	820	8	504	0.24	52	< 10	54			
DMTK97-09	201	202	1410	< 1	0.86	97	1240	24	121	0.41	197	< 10	126			
DMTK97-10	201	202	440	< 1	0.75	87	1230	18	129	0.37	171	< 10	156			
DMTK97-11	201	202	375	< 1	1.97	23	1530	14	487	0.25	150	< 10	68			
DMTK97-12	201	202	605	< 1	0.76	76	3130	10	97	0.45	126	< 10	88			
DMTK97-13	201	202	265	< 1	1.72	9	700	8	493	0.20	54	< 10	40			
DMTK97-14	201	202	395	< 1	2.44	13	640	6	562	0.22	71	< 10	68			
DMTK97-15	201	202	425	2	1.24	51	1720	12	251	0.19	173	< 10	162			
DMTK97-16	201	202	345	< 1	0.69	68	2130	50	167	0.20	97	< 10	66			
DMTK97-17	201	202	740	< 1	0.80	113	2340	8	96	0.47	223	< 10	142			
DMTK97-18	201	202	380	< 1	0.23	82	1990	4	63	0.12	106	< 10	76			
DMTK97-19	201	202	540	< 1	0.63	78	2520	8	100	0.53	259	< 10	118			
DMTK97-20A	201	202	850	2	0.50	156	1860	10	79	0.33	299	< 10	192			
DMTK97-20B	201	202	550	< 1	1.57	193	1580	< 2	196	0.69	164	< 10	76			
DMTK97-21	201	202	365	1	0.46	32	2090	12	94	0.50	264	< 10	102			
DMTK97-22	201	202	785	< 1	1.27	71	2400	6	213	0.55	148	< 10	126			
DMTK97-23	201	202	890	< 1	0.97	94	2500	6	168	0.58	279	< 10	136			
DMTK97-24	201	202	440	4	0.41	62	3320	10	99	0.34	323	< 10	150			
DMTK97-25	201	202	535	< 1	0.53	86	1720	6	129	0.47	251	< 10	192			
DMTK97-26	201	202	505	< 1	1.57	58	1710	6	352	0.41	173	< 10	164			
DMTK97-27	201	202	875	1	0.63	96	1940	10	138	0.54	313	< 10	202			
DMTK97-28	201	202	885	< 1	1.10	147	1780	4	126	0.85	214	< 10	130			
DMTK97-29	201	202	1510	< 1	0.91	234	1600	< 2	188	0.61	254	< 10	166			
DMTK97-30	201	202	1030	< 1	0.39	235	1960	4	91	0.49	248	< 10	176			
DMTK97-31	201	202	915	< 1	0.67	157	2100	10	149	0.27	310	< 10	178			
DMTK97-32	201	202	735	2	0.74	72	3230	6	109	0.31	194	< 10	194			
DMTK97-33	201	202	1210	7	0.58	139	2300	20	135	0.38	296	< 10	416			
DMTK97-34	201	202	990	2	0.59	119	2120	10	120	0.51	303	< 10	342			
DMTK97-35	201	202	575	< 1	1.17	38	1790	8	234	0.28	117	< 10	74			
DMTK97-36	201	202	625	< 1	1.24	45	1030	10	124	0.32	188	< 10	102			
DMTK97-37	201	202	3720	< 1	1.52	122	930	14	125	0.35	146	< 10	124			
DMTK97-38	201	202	565	< 1	2.55	25	890	8	525	0.23	68	< 10	58			
DMTK97-39	201	202	645	< 1	1.45	34	680	10	149	0.30	112	< 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

Project : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME

Page Number :2-A
Total Pages :4
Certificate Date: 13-OCT-97
Invoice No. :I9745491
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9745491

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)
DMTK97-40	201 202	not/ss	< 0.2	5.35	1400	1.0	< 2	1.42	0.5	17	104	59	3.33	1.31	1.23
DMTK97-41	201 202	< 5	< 0.2	6.68	2190	2.0	< 2	0.77	< 0.5	16	89	71	4.05	2.05	0.98
DMTK97-42	201 202	< 5	< 0.2	7.47	820	1.0	< 2	2.00	< 0.5	7	12	17	1.95	2.03	0.71
DMTK97-43	201 202	< 5	< 0.2	7.75	750	1.0	< 2	2.45	< 0.5	9	15	15	2.31	1.91	0.94
DMTK97-44	201 202	< 5	< 0.2	7.16	760	1.0	< 2	2.01	< 0.5	7	21	17	2.24	1.73	0.83
DMTK97-45	201 202	not/ss	< 0.2	5.37	1120	0.5	< 2	0.24	< 0.5	5	49	20	2.06	1.37	0.43
DMTK97-46	201 202	70	< 0.2	5.98	990	1.0	< 2	0.28	< 0.5	7	69	25	3.68	1.63	0.80
DMTK97-47	201 202	< 5	< 0.2	4.70	870	0.5	< 2	0.19	< 0.5	7	51	20	2.78	1.38	0.43
DMTK97-48	201 202	< 5	< 0.2	7.12	780	1.0	< 2	1.76	< 0.5	5	7	15	1.62	2.02	0.56
DMTK97-49	201 202	< 10	1.4	2.10	360	0.5	< 2	0.31	< 0.5	4	17	13	1.37	0.39	0.14
DMTK97-50	201 202	< 5	< 0.2	5.65	1090	1.0	< 2	0.27	< 0.5	6	67	21	3.73	1.79	0.64
DMTK97-51	201 202	< 5	0.4	4.89	590	0.5	< 2	1.19	< 0.5	7	16	17	1.91	1.20	0.48
DMTK97-52	201 202	< 5	< 0.2	6.53	1190	1.5	< 2	0.87	< 0.5	8	59	25	3.58	1.80	0.87
DMTK97-53	201 202	< 5	< 0.2	7.06	840	1.0	< 2	1.54	< 0.5	5	10	16	1.45	2.10	0.46
DMTK97-54	201 202	< 5	< 0.2	6.85	1250	1.5	< 2	0.59	< 0.5	11	106	22	3.75	1.73	0.97
DMTK97-55	201 202	< 5	< 0.2	6.81	870	1.0	< 2	1.47	< 0.5	4	17	15	1.61	2.01	0.48
DMTK97-56	201 202	< 5	< 0.2	6.90	860	1.0	< 2	1.48	< 0.5	6	21	16	1.92	2.00	0.58
DMTK97-57	201 202	not/ss	< 0.2	6.07	860	1.5	< 2	1.46	0.5	17	49	57	2.23	1.39	0.69
DMTK97-58	201 202	< 5	< 0.2	6.58	840	1.0	< 2	1.38	< 0.5	10	85	25	2.99	1.63	0.93
DMTK97-59A	201 202	< 5	< 0.2	6.07	770	0.5	< 2	1.15	< 0.5	10	144	17	3.02	1.48	1.39
DMTK97-59B	201 202	< 5	< 0.2	5.37	640	0.5	< 2	1.01	< 0.5	24	346	33	4.65	0.95	2.86
DMTK97-61	201 202	< 5	< 0.2	7.10	820	1.0	< 2	1.69	< 0.5	5	11	17	1.59	2.13	0.53
DMTK97-62	201 202	< 5	< 0.2	5.87	680	0.5	< 2	2.14	< 0.5	7	17	23	1.73	1.52	0.60
DMTK97-63	201 202	< 5	< 0.2	6.01	800	1.0	< 2	1.47	< 0.5	16	116	40	3.75	1.33	1.26
DMTK97-64	201 202	< 5	< 0.2	6.32	760	1.0	< 2	1.42	< 0.5	6	33	18	2.24	1.78	0.58
DMTK97-65	201 202	< 5	< 0.2	6.35	790	1.0	< 2	1.40	< 0.5	5	34	17	1.80	1.77	0.57
DMTK97-66A	201 202	< 5	< 0.2	6.24	1100	1.0	< 2	1.75	< 0.5	15	215	31	2.66	1.23	1.24
DMTK97-66B	201 202	< 5	< 0.2	6.00	790	1.0	< 2	1.11	< 0.5	10	91	15	3.21	1.55	0.97
DMTK97-67	201 202	< 5	< 0.2	5.61	820	1.0	< 2	1.62	< 0.5	15	186	32	2.86	1.17	1.69
DMTK97-68	201 202	< 5	< 0.2	6.87	820	1.0	< 2	1.59	< 0.5	5	13	16	1.59	2.06	0.52
DMTK97-69	201 202	not/ss	< 0.2	0.29	480	< 0.5	< 2	0.89	1.0	1	4	6	0.12	0.15	0.13
DMTK97-70	201 202	not/ss	< 0.2	5.78	820	1.0	< 2	1.13	0.5	4	30	17	1.55	1.71	0.44
DMTK97-71	201 202	not/ss	< 0.2	5.17	1310	1.5	< 2	1.07	0.5	23	234	38	3.10	1.64	1.59
DMTK97-72	201 202	< 5	0.4	5.88	1510	1.5	< 2	0.83	0.5	13	91	35	2.38	1.48	0.87
DMTK97-73	201 202	not/ss	< 0.2	6.22	1070	1.0	< 2	1.03	0.5	4	55	18	1.38	1.78	0.50
DMTK97-74	201 202	< 5	< 0.2	5.70	1180	1.5	< 2	0.68	< 0.5	9	105	31	3.00	1.74	0.85
DMTK97-75	201 202	< 5	< 0.2	5.54	1040	1.0	< 2	0.81	< 0.5	6	73	23	2.23	1.57	0.64
DMTK97-76	201 202	not/ss	< 0.2	4.30	890	0.5	< 2	1.62	0.5	16	51	39	2.47	0.96	0.79
DMTK97-77	201 202	< 5	< 0.2	7.56	800	1.0	< 2	1.97	< 0.5	6	9	23	1.77	2.02	0.62
DMTK97-78	201 202	not/ss	< 0.2	6.39	810	1.5	< 2	0.43	0.5	21	53	50	4.23	2.13	0.75

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME

Certificate Date: 13-OCT-97
Invoice No. :I9745491
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9745491

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)
DMTK97-40	201 202	1230	< 1	0.96	53	1250	10	155	0.18	98	< 10	72
DMTK97-41	201 202	695	< 1	0.85	35	780	16	115	0.37	157	< 10	86
DMTK97-42	201 202	440	< 1	2.83	6	470	6	611	0.21	49	< 10	48
DMTK97-43	201 202	425	< 1	2.92	6	370	4	717	0.26	66	< 10	52
DMTK97-44	201 202	370	< 1	2.50	8	840	6	572	0.26	68	< 10	48
DMTK97-45	201 202	295	< 1	1.29	12	1510	4	79	0.26	98	< 10	48
DMTK97-46	201 202	350	< 1	1.14	23	860	12	76	0.27	103	< 10	70
DMTK97-47	201 202	540	< 1	0.65	11	1750	6	51	0.22	83	< 10	62
DMTK97-48	201 202	365	< 1	2.65	3	730	4	578	0.19	36	< 10	44
DMTK97-49	201 202	480	< 1	0.26	7	6050	4	49	0.06	26	< 10	20
DMTK97-50	201 202	510	< 1	0.88	19	910	12	72	0.26	101	< 10	64
DMTK97-51	201 202	485	< 1	1.54	7	3110	10	331	0.16	47	< 10	38
DMTK97-52	201 202	570	< 1	1.12	24	2420	16	197	0.22	86	< 10	84
DMTK97-53	201 202	335	< 1	2.65	3	430	6	521	0.18	35	< 10	42
DMTK97-54	201 202	365	< 1	1.05	41	600	10	124	0.34	128	< 10	82
DMTK97-55	201 202	350	< 1	2.58	5	760	6	493	0.22	44	< 10	48
DMTK97-56	201 202	445	< 1	2.47	7	670	6	490	0.24	56	< 10	50
DMTK97-57	201 202	1425	1	1.89	29	1340	8	382	0.24	82	< 10	56
DMTK97-58	201 202	500	< 1	2.09	30	1150	6	346	0.35	91	< 10	56
DMTK97-59A	201 202	440	< 1	1.73	61	650	6	250	0.47	135	< 10	48
DMTK97-59B	201 202	880	< 1	1.29	207	1120	4	150	0.47	142	< 10	76
DMTK97-61	201 202	360	< 1	2.76	4	460	6	552	0.19	38	< 10	48
DMTK97-62	201 202	525	< 1	2.07	10	1070	6	461	0.18	43	< 10	40
DMTK97-63	201 202	830	< 1	1.43	56	1780	6	236	0.30	119	< 10	72
DMTK97-64	201 202	405	< 1	2.10	11	1050	10	393	0.25	70	< 10	54
DMTK97-65	201 202	370	< 1	2.15	12	1430	8	385	0.25	61	< 10	46
DMTK97-66A	201 202	640	< 1	1.67	94	1560	4	305	0.24	91	< 10	72
DMTK97-66B	201 202	435	< 1	1.46	31	880	8	171	0.37	117	< 10	58
DMTK97-67	201 202	415	< 1	1.51	100	1610	6	268	0.27	87	< 10	56
DMTK97-68	201 202	365	< 1	2.55	5	390	8	512	0.21	42	< 10	50
DMTK97-69	201 202	125	< 1	0.09	6	670	4	79	0.01	3	< 10	30
DMTK97-70	201 202	285	< 1	1.86	7	970	6	342	0.22	62	< 10	56
DMTK97-71	201 202	835	< 1	0.91	131	1110	8	142	0.29	134	< 10	106
DMTK97-72	201 202	500	< 1	0.94	45	1350	6	159	0.27	122	< 10	94
DMTK97-73	201 202	270	< 1	1.76	15	800	< 2	313	0.26	84	< 10	46
DMTK97-74	201 202	425	< 1	1.02	36	650	4	133	0.36	129	< 10	78
DMTK97-75	201 202	280	< 1	1.27	21	620	6	191	0.30	98	< 10	54
DMTK97-76	201 202	1175	< 1	0.92	28	2280	4	153	0.23	83	< 10	62
DMTK97-77	201 202	370	< 1	2.82	4	740	2	620	0.20	42	< 10	46
DMTK97-78	201 202	1795	< 1	0.76	28	850	24	58	0.15	78	< 10	86

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME

Certificate Date: 13-OCT-97
Invoice No. :19745491
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9745491

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)
DMTK97-79	201	202	not/ss	< 0.2	7.25	910	1.5	< 2	0.63	0.5	16	56	52	4.98	2.15	0.85
DMTK97-80	201	202	< 5	< 0.2	7.46	790	1.0	< 2	2.10	< 0.5	8	10	17	2.04	1.96	0.77
DMTK97-81	201	202	< 5	< 0.2	7.20	870	1.0	< 2	2.11	< 0.5	16	38	50	3.23	1.48	0.95
DMTK97-82	201	202	< 5	< 0.2	6.65	850	1.0	< 2	1.69	< 0.5	18	29	45	2.63	1.68	0.68
DMTK97-83	201	202	< 5	< 0.2	5.89	790	0.5	< 2	2.03	0.5	17	23	41	2.30	1.34	0.72
DMTK97-84	201	202	< 5	< 0.2	7.43	750	0.5	< 2	2.59	< 0.5	19	43	68	3.95	1.29	1.02
DMTK97-85	201	202	< 5	< 0.2	7.26	910	1.0	< 2	1.98	< 0.5	16	28	44	3.33	1.53	0.86
DMTK97-86	201	202	< 5	< 0.2	7.22	810	0.5	< 2	2.78	< 0.5	19	50	51	4.27	1.14	1.08
DMTK97-87	201	202	< 5	< 0.2	6.02	1020	0.5	< 2	2.51	1.5	21	29	58	3.27	0.95	0.92
DMTK97-88	201	202	< 5	< 0.2	6.80	780	0.5	< 2	1.84	0.5	17	19	29	2.81	1.45	0.66
DMTK97-89	201	202	< 5	< 0.2	5.37	1240	0.5	< 2	2.30	2.0	19	26	44	2.57	1.11	0.72
DMTK97-90	201	202	not/ss	< 0.2	4.41	660	0.5	< 2	1.95	0.5	76	516	54	3.75	0.88	4.54
DMTK97-91	201	202	< 5	< 0.2	7.29	820	1.0	< 2	1.72	< 0.5	27	96	20	2.47	1.94	1.39
DMTK97-92	201	202	< 5	< 0.2	5.90	680	0.5	< 2	1.60	< 0.5	13	100	23	1.71	1.54	0.92
DMTK97-93	201	202	< 5	< 0.2	5.99	1010	1.0	< 2	1.02	< 0.5	14	78	104	3.76	1.25	0.94
DMTK97-94	201	202	< 5	< 0.2	5.84	770	0.5	< 2	1.66	< 0.5	17	81	39	1.90	1.60	0.95
DMTK97-95	201	202	< 5	< 0.2	6.51	1060	1.5	< 2	1.08	< 0.5	15	71	47	3.76	1.80	0.86
DMTK97-96	201	202	< 5	< 0.2	6.95	890	0.5	< 2	1.73	0.5	16	58	42	4.25	1.31	1.01
DMTK97-97	201	202	< 5	< 0.2	7.17	800	0.5	< 2	1.84	2.0	12	39	32	2.27	1.40	0.57
DMTK97-98	201	202	< 5	< 0.2	7.40	850	1.0	< 2	1.77	< 0.5	8	18	20	1.63	2.19	0.59
DMTK97-99	201	202	< 5	< 0.2	5.73	890	1.0	< 2	1.14	< 0.5	28	285	27	2.97	1.31	2.77
DMTK97-100	201	202	< 5	< 0.2	6.56	810	1.0	< 2	1.61	< 0.5	14	132	30	1.89	1.85	1.19
DMTK97-101	201	202	< 5	< 0.2	6.29	630	0.5	< 2	1.60	< 0.5	10	48	26	3.86	1.11	0.65
DMTK97-102	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
DMTK97-103	201	202	< 5	< 0.2	6.59	890	2.5	< 2	1.61	1.5	9	45	17	2.21	2.10	0.72
DMTK97-104	201	202	< 5	< 0.2	7.54	1070	3.0	< 2	1.46	< 0.5	8	54	19	2.52	2.31	0.87
DMTK97-105	201	202	< 5	< 0.2	7.40	1120	2.0	< 2	1.24	< 0.5	5	36	12	1.66	2.53	0.59
DMTK97-106	201	202	< 5	< 0.2	7.23	910	2.5	< 2	1.34	< 0.5	6	50	13	2.08	2.36	0.77
DMTK97-107	201	202	< 5	< 0.2	6.46	940	2.5	< 2	0.93	< 0.5	6	60	6	1.84	2.41	0.66
DMTK97-108	201	202	< 5	< 0.2	7.97	920	2.0	< 2	1.73	< 0.5	8	23	23	2.30	2.15	0.67
DMTK97-109	201	202	< 5	< 0.2	7.31	1000	3.0	< 2	1.31	< 0.5	13	60	19	2.83	2.21	0.91
DMTK97-110	201	202	not/ss	< 0.2	2.07	450	2.5	< 2	3.20	0.5	3	15	25	0.95	0.44	0.28
DMTK97-111	201	202	not/ss	< 0.2	7.64	890	2.5	< 2	1.73	< 0.5	15	43	22	3.00	1.94	0.87
DMTK97-112	201	202	< 5	< 0.2	6.52	910	3.5	< 2	1.18	0.5	10	65	14	2.51	2.39	0.88
DMTK97-113	201	202	not/ss	< 0.2	4.88	770	3.5	< 2	2.32	2.0	7	44	31	2.22	1.36	0.67
DMTK97-114	201	202	< 5	0.8	7.63	1070	4.5	< 2	1.02	0.5	11	61	37	3.70	2.17	0.86
DMTK97-115	201	202	not/ss	0.6	6.33	860	3.0	< 2	1.43	1.0	12	44	30	2.90	1.54	0.67
DMTK97-116	201	202	< 5	0.4	7.07	1020	3.0	< 2	1.18	< 0.5	9	59	20	2.46	2.24	0.87
DMTK97-117	201	202	< 5	< 0.2	8.09	1010	3.5	< 2	1.13	0.5	11	68	25	3.51	2.42	0.97
DMTK97-118	201	202	not/ss	0.6	6.75	990	4.0	< 2	1.41	1.0	12	59	34	3.51	1.73	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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME

Page Number :3-B
Total Pages :4
Certificate Date: 13-OCT-97
Invoice No. :I9745491
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9745491

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)			
DMTK97-79	201	202	765	< 1	1.02	27	2580	22	105	0.19	102	< 10	114			
DMTK97-80	201	202	455	< 1	2.72	5	950	6	621	0.22	52	< 10	50			
DMTK97-81	201	202	765	< 1	2.14	17	1990	6	417	0.32	105	< 10	70			
DMTK97-82	201	202	880	< 1	1.98	13	1660	6	399	0.27	78	< 10	66			
DMTK97-83	201	202	995	< 1	1.84	12	1840	4	358	0.24	73	< 10	66			
DMTK97-84	201	202	860	< 1	2.00	18	1140	4	370	0.38	145	< 10	62			
DMTK97-85	201	202	965	< 1	2.16	11	1210	4	390	0.32	102	< 10	62			
DMTK97-86	201	202	970	< 1	1.74	17	1070	4	358	0.43	163	< 10	68			
DMTK97-87	201	202	2210	< 1	1.64	20	1890	4	349	0.31	105	< 10	100			
DMTK97-88	201	202	855	< 1	2.19	9	1740	6	408	0.30	90	< 10	102			
DMTK97-89	201	202	3530	< 1	1.54	21	2390	6	320	0.24	77	< 10	116			
DMTK97-90	201	202	1805	< 1	0.81	697	1000	6	125	0.18	73	< 10	44			
DMTK97-91	201	202	815	< 1	2.50	117	430	8	505	0.23	61	< 10	52			
DMTK97-92	201	202	460	< 1	2.06	175	830	6	425	0.18	44	< 10	38			
DMTK97-93	201	202	615	< 1	1.20	35	690	6	165	0.37	115	< 10	64			
DMTK97-94	201	202	970	< 1	2.09	50	1870	4	426	0.18	45	< 10	44			
DMTK97-95	201	202	780	< 1	1.32	29	1330	6	166	0.31	112	< 10	78			
DMTK97-96	201	202	915	< 1	1.54	25	1460	4	186	0.34	138	< 10	90			
DMTK97-97	201	202	600	< 1	2.18	34	1450	4	365	0.32	102	< 10	62			
DMTK97-98	201	202	420	< 1	2.96	23	370	4	590	0.17	34	< 10	46			
DMTK97-99	201	202	580	< 1	1.49	290	620	6	205	0.28	95	< 10	58			
DMTK97-100	201	202	465	< 1	2.38	248	710	6	479	0.18	42	< 10	46			
DMTK97-101	201	202	785	< 1	1.68	12	1460	< 2	238	0.48	161	< 10	60			
DMTK97-102	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd			
DMTK97-103	201	202	640	< 1	1.70	19	700	16	271	0.25	59	< 10	130			
DMTK97-104	201	202	425	< 1	1.81	24	580	14	288	0.27	68	< 10	88			
DMTK97-105	201	202	290	< 1	2.17	10	350	12	326	0.25	66	< 10	56			
DMTK97-106	201	202	365	< 1	2.19	18	310	14	340	0.26	55	< 10	60			
DMTK97-107	201	202	270	< 1	1.72	19	330	16	196	0.29	66	< 10	42			
DMTK97-108	201	202	430	< 1	2.62	16	450	8	530	0.21	55	< 10	74			
DMTK97-109	201	202	655	< 1	1.64	31	790	18	225	0.26	78	< 10	86			
DMTK97-110	201	202	160	1	0.28	22	1130	4	120	0.05	16	< 10	40			
DMTK97-111	201	202	620	< 1	1.80	26	830	8	384	0.25	74	< 10	88			
DMTK97-112	201	202	490	< 1	1.57	30	970	16	140	0.28	62	< 10	84			
DMTK97-113	201	202	505	< 1	0.58	33	780	12	136	0.14	58	< 10	136			
DMTK97-114	201	202	525	< 1	0.94	46	1250	22	169	0.21	86	< 10	186			
DMTK97-115	201	202	630	< 1	1.11	37	1140	20	239	0.18	66	< 10	118			
DMTK97-116	201	202	350	< 1	1.60	29	900	14	245	0.25	71	< 10	82			
DMTK97-117	201	202	500	< 1	1.63	35	760	14	262	0.29	89	< 10	128			
DMTK97-118	201	202	760	2	1.00	40	1240	24	185	0.21	75	< 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 FAX: 604-984-0218

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

Project : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME

Page Number :4-A
Total Pages :4
Certificate Date: 13-OCT-97
Invoice No. :I9745491
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9745491

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)
DMTK97-119	201	202	< 5	0.8	6.99	1090	4.5	< 2	1.59	< 0.5	16	70	50	3.83	1.76	0.83
DMTK97-120	201	202	10	< 0.2	6.58	1150	2.5	< 2	1.49	0.5	5	52	39	1.85	1.95	0.55
DMTK97-121	201	202	< 5	< 0.2	6.94	940	1.5	< 2	1.22	1.0	4	27	15	1.43	2.18	0.44
DMTK97-122	201	202	10	< 0.2	6.45	910	3.5	< 2	1.45	2.0	8	67	16	2.52	2.21	0.88
DMTK97-123	201	202	5	< 0.2	6.69	860	3.5	< 2	1.14	< 0.5	8	72	11	2.29	2.31	0.87
DMTK97-124	201	202	10	0.4	7.19	1090	4.5	< 2	1.43	< 0.5	15	70	45	3.66	2.07	0.90
DMTK97-125	201	202	< 5	< 0.2	7.67	870	1.5	< 2	1.97	< 0.5	9	14	19	2.03	2.18	0.66
DMTK97-126	201	202	< 5	< 0.2	7.28	940	3.0	< 2	1.14	0.5	11	66	13	2.63	2.48	0.78
DMTK97-127	201	202	< 5	< 0.2	7.49	900	1.5	< 2	1.69	< 0.5	5	10	15	1.64	2.27	0.55
DMTK97-128	201	202	< 5	< 0.2	7.14	970	4.0	< 2	0.95	0.5	11	76	12	2.94	2.34	0.89
DMTK97-129	201	202	< 5	< 0.2	8.87	1130	4.0	< 2	0.97	0.5	18	78	27	4.27	2.43	1.01
DMTK97-130	201	202	< 5	< 0.2	7.50	980	3.5	< 2	1.25	0.5	13	87	20	3.19	2.36	1.08
DMTK97-131	201	202	< 5	< 0.2	7.78	1120	4.5	< 2	0.98	1.0	14	64	23	3.58	2.37	0.98
DMTK97-132	201	202	< 5	0.4	8.25	1280	4.5	< 2	1.42	2.5	24	92	25	4.52	2.38	0.92
DMTK97-133	201	202	< 5	< 0.2	7.58	940	2.0	< 2	1.85	< 0.5	8	25	30	2.22	2.07	0.63
DMTK97-134	201	202	< 5	< 0.2	7.38	1030	3.5	< 2	0.94	< 0.5	13	86	13	2.96	2.53	1.03
DMTK97-135	201	202	< 5	< 0.2	5.58	740	2.0	< 2	2.43	< 0.5	6	18	27	1.65	1.56	0.51
DMTK97-136	201	202	< 5	< 0.2	7.52	900	3.0	< 2	1.67	< 0.5	9	47	18	2.59	2.14	0.88
DMTK97-137	201	202	< 5	< 0.2	6.66	940	3.5	< 2	1.11	< 0.5	9	65	14	2.58	2.40	0.88
DMTK97-138	201	202	< 5	< 0.2	6.32	920	3.5	< 2	1.73	< 0.5	10	63	19	2.59	2.01	0.90
DMTK97-139	201	202	< 5	< 0.2	6.99	840	3.0	< 2	1.41	< 0.5	7	49	10	1.97	2.35	0.75
DMTK97-140	201	202	< 5	< 0.2	12.90	1600	6.5	< 2	2.08	< 0.5	16	129	17	4.11	4.72	1.57
DMTK97-141	201	202	not/ss	< 0.2	4.97	590	2.5	< 2	2.13	0.5	11	52	29	2.89	1.21	0.79
DMTK97-142	201	202	< 5	< 0.2	6.37	750	2.5	< 2	2.04	< 0.5	7	32	14	1.99	2.10	0.75
DMTK97-143	201	202	< 5	< 0.2	6.37	820	3.5	< 2	1.41	< 0.5	9	73	13	2.51	2.27	0.80
DMTK97-144	201	202	< 5	< 0.2	6.81	900	3.0	< 2	1.62	< 0.5	12	58	27	2.83	2.00	0.81
DMTK97-145	201	202	< 5	< 0.2	7.23	940	3.0	< 2	1.31	1.5	12	48	28	2.86	2.06	0.69
DMTK97-146	201	202	< 5	< 0.2	7.68	860	1.5	< 2	1.91	< 0.5	9	14	19	2.12	2.13	0.70
DMTK97-147	201	202	< 5	< 0.2	7.24	890	2.5	< 2	1.52	< 0.5	7	40	13	1.89	1.97	0.67
DMTK97-148	201	202	< 5	< 0.2	7.18	1020	4.0	< 2	0.95	0.5	10	95	13	2.98	2.56	1.04
DMTK97-149	201	202	< 5	< 0.2	6.68	1060	3.5	< 2	1.01	< 0.5	11	100	5	2.26	2.61	0.83
DMTK97-150	201	202	< 5	< 0.2	7.17	980	4.0	< 2	1.16	0.5	12	84	14	2.66	2.27	1.03

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME

Certificate Date: 13-OCT-97
Invoice No. :I9745491
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9745491

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)			
DMTK97-119	201	202	610	1	1.13	45	1510	30	193	0.24	84	< 10	94			
DMTK97-120	201	202	230	< 1	1.61	26	590	14	242	0.23	70	< 10	60			
DMTK97-121	201	202	300	< 1	2.28	5	410	8	368	0.26	51	< 10	64			
DMTK97-122	201	202	415	< 1	1.31	31	1230	20	147	0.25	61	< 10	260			
DMTK97-123	201	202	395	< 1	1.75	28	510	10	195	0.27	59	< 10	72			
DMTK97-124	201	202	815	2	0.98	40	1260	32	163	0.25	104	< 10	144			
DMTK97-125	201	202	500	< 1	2.79	9	370	6	592	0.22	49	< 10	64			
DMTK97-126	201	202	485	< 1	1.87	21	570	20	263	0.31	74	< 10	102			
DMTK97-127	201	202	390	< 1	2.82	5	310	4	575	0.19	37	< 10	58			
DMTK97-128	201	202	445	< 1	1.62	31	430	22	174	0.30	77	< 10	124			
DMTK97-129	201	202	645	2	1.28	51	590	30	215	0.26	101	< 10	160			
DMTK97-130	201	202	450	< 1	1.62	46	440	20	232	0.29	84	< 10	112			
DMTK97-131	201	202	580	< 1	1.52	35	860	20	157	0.30	84	< 10	136			
DMTK97-132	201	202	2750	< 1	1.15	44	560	40	161	0.36	111	< 10	250			
DMTK97-133	201	202	720	1	2.43	23	690	10	479	0.19	48	< 10	66			
DMTK97-134	201	202	465	< 1	1.49	35	410	18	140	0.33	82	< 10	84			
DMTK97-135	201	202	515	< 1	1.78	15	980	8	383	0.14	34	< 10	42			
DMTK97-136	201	202	375	< 1	2.08	24	860	10	377	0.26	63	< 10	72			
DMTK97-137	201	202	390	< 1	1.27	27	560	14	138	0.26	68	< 10	84			
DMTK97-138	201	202	550	< 1	1.20	30	920	12	167	0.25	64	< 10	92			
DMTK97-139	201	202	345	< 1	2.06	16	620	10	301	0.26	50	< 10	52			
DMTK97-140	201	202	730	< 1	3.18	44	1430	30	337	0.56	111	< 10	116			
DMTK97-141	201	202	460	1	0.45	38	1230	14	128	0.16	67	< 10	90			
DMTK97-142	201	202	335	< 1	1.80	16	750	12	342	0.21	47	< 10	44			
DMTK97-143	201	202	465	< 1	1.54	26	770	16	165	0.33	63	< 10	62			
DMTK97-144	201	202	640	< 1	1.66	29	920	24	264	0.26	68	< 10	86			
DMTK97-145	201	202	505	< 1	1.77	29	1470	26	331	0.27	72	< 10	104			
DMTK97-146	201	202	480	< 1	2.76	9	640	10	600	0.22	50	< 10	62			
DMTK97-147	201	202	420	< 1	2.37	12	310	12	433	0.27	52	< 10	54			
DMTK97-148	201	202	385	< 1	1.54	36	530	18	139	0.35	77	< 10	72			
DMTK97-149	201	202	495	< 1	1.65	26	410	18	156	0.34	64	< 10	76			
DMTK97-150	201	202	510	< 1	1.66	43	780	22	153	0.31	67	< 10	96			

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

A9745492

Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME

CERTIFICATE A9745492

(GP W) - WESTMIN RESOURCES LTD.

Project: 6409
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 11-OCT-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	210	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

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME

Certificate Date: 11-OCT-97
Invoice No. : I9745492
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9745492

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)
CMTK97-01	201 202	< 5	< 0.2	6.98	1200	1.5	< 2	1.23	< 0.5	18	124	29	3.43	1.76	1.57
CMTK97-02	201 202	< 5	< 0.2	7.00	1310	1.5	< 2	0.63	< 0.5	7	58	19	2.91	2.01	1.05
CMTK97-03	201 202	< 5	0.4	7.42	1380	1.5	< 2	1.07	< 0.5	9	53	23	2.64	1.98	1.02
CMTK97-04	201 202	< 5	< 0.2	5.92	1080	1.0	< 2	1.81	< 0.5	6	23	21	1.82	1.46	0.68
CMTK97-05	201 202	< 5	< 0.2	6.70	1310	1.0	< 2	0.66	< 0.5	7	58	18	2.79	1.73	1.30
CMTK97-06	201 202	< 5	< 0.2	5.78	1060	0.5	< 2	0.63	< 0.5	8	58	17	3.00	1.59	1.01
CMTK97-07	201 202	< 5	< 0.2	5.70	1150	1.0	< 2	0.44	< 0.5	5	55	14	2.68	1.66	0.70
CMTK97-08	201 202	< 5	< 0.2	6.61	970	1.0	< 2	1.02	< 0.5	8	33	17	2.26	1.74	0.68
CMTK97-09	201 202	< 5	< 0.2	5.69	820	1.0	< 2	1.22	< 0.5	7	35	19	2.47	1.37	0.79
CMTK97-10	201 202	< 5	< 0.2	5.01	800	0.5	< 2	0.58	< 0.5	5	47	22	2.62	1.23	0.68
CMTK97-11	201 202	< 5	< 0.2	6.73	780	1.0	< 2	1.58	< 0.5	5	10	17	1.73	1.92	0.57
CMTK97-12	201 202	< 5	< 0.2	4.66	910	0.5	< 2	0.42	0.5	8	39	19	2.60	1.26	0.71
CMTK97-13	201 202	< 5	1.8	5.42	1070	1.0	< 2	0.59	< 0.5	9	47	22	3.30	1.45	0.72
CMTK97-14	201 202	< 5	< 0.2	0.76	200	< 0.5	< 2	4.84	0.5	1	7	13	0.36	0.16	0.16
CMTK97-15	201 202	< 5	< 0.2	5.55	970	1.0	< 2	1.77	0.5	7	32	21	2.48	1.47	0.61
CMTK97-16	201 202	< 5	< 0.2	4.96	930	1.0	< 2	1.31	0.5	10	54	16	2.63	1.19	0.66
CMTK97-17	201 202	< 5	< 0.2	6.20	900	1.0	< 2	1.84	0.5	5	16	22	1.73	1.58	0.60
CMTK97-18	201 202	< 5	< 0.2	4.36	810	0.5	< 2	0.74	< 0.5	3	48	12	1.89	1.10	0.60
CMTK97-19	201 202	< 5	< 0.2	2.84	610	0.5	< 2	1.91	1.5	4	30	14	1.50	0.71	0.44
CMTK97-20	201 202	< 5	< 0.2	2.22	300	< 0.5	< 2	2.96	1.5	3	9	9	0.75	0.48	0.28
CMTK97-21	201 202	< 5	< 0.2	2.52	560	0.5	< 2	2.40	1.5	4	28	13	1.35	0.60	0.48
CMTK97-22	201 202	< 5	< 0.2	4.09	900	1.0	< 2	1.23	0.5	10	43	23	2.28	1.04	0.97
CMTK97-23	201 202	< 5	< 0.2	1.30	320	< 0.5	< 2	3.24	2.0	3	13	9	0.63	0.26	0.22
CMTK97-24	201 202	< 5	< 0.2	4.68	1330	0.5	< 2	1.28	0.5	7	53	23	2.63	1.27	0.91
CMTK97-25	201 202	< 5	< 0.2	4.71	1240	1.0	< 2	1.16	< 0.5	7	58	18	2.42	1.24	0.93
CMTK97-26	201 202	< 5	< 0.2	3.82	890	0.5	< 2	2.02	0.5	7	36	24	1.88	0.96	0.84
CMTK97-27	201 202	< 5	< 0.2	3.99	740	0.5	< 2	1.57	2.0	8	15	16	1.45	1.03	0.42
CMTK97-28	201 202	< 5	< 0.2	4.28	860	1.0	< 2	1.63	0.5	6	46	16	2.07	1.14	0.69
CMTK97-29	201 202	< 5	< 0.2	1.72	460	< 0.5	< 2	0.46	0.5	5	16	10	1.07	0.38	0.29
CMTK97-30	201 202	< 5	< 0.2	6.67	760	1.0	< 2	1.69	< 0.5	6	8	17	1.74	1.81	0.57
CMTK97-31	201 202	< 5	< 0.2	3.31	700	0.5	< 2	0.67	0.5	7	33	14	1.99	0.83	0.45
CMTK97-32	201 202	< 5	< 0.2	2.09	400	< 0.5	< 2	0.28	0.5	3	23	10	1.40	0.57	0.29
CMTK97-33	201 202	< 5	< 0.2	4.58	1090	1.0	< 2	0.88	< 0.5	7	52	15	2.27	1.18	0.77
CMTK97-34	201 202	< 5	< 0.2	3.40	970	0.5	< 2	1.77	< 0.5	5	32	16	1.75	0.77	0.54
CMTK97-35	201 202	< 5	< 0.2	4.30	830	0.5	< 2	0.35	0.5	7	44	17	2.65	1.11	0.44
CMTK97-36	201 202	< 5	< 0.2	4.85	1420	1.0	< 2	0.81	0.5	7	50	21	2.57	1.25	0.63
CMTK97-37	201 202	< 5	< 0.2	7.56	2410	1.5	< 2	0.42	< 0.5	1	113	17	1.96	2.42	0.48
CMTK97-38	201 202	< 5	< 0.2	3.96	830	0.5	< 2	0.40	< 0.5	3	40	12	1.73	0.98	0.44
CMTK97-39	201 202	< 5	< 0.2	6.66	850	1.0	< 2	1.46	< 0.5	5	8	21	1.60	1.91	0.48
CMTK97-40	201 202	< 5	< 0.2	2.40	1400	< 0.5	< 2	1.76	1.5	7	21	14	0.85	0.66	0.29

CERTIFICATION: Ian Pamlan

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME

Page Number :1-B
Total Pages :6
Certificate Date: 11-OCT-97
Invoice No. :19745492
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9745492

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)			
CMTK97-01	201	202	490	< 1	1.38	62	960	10	159	0.44	134	< 10	76			
CMTK97-02	201	202	285	< 1	1.29	24	630	10	127	0.25	105	< 10	80			
CMTK97-03	201	202	470	< 1	1.74	21	820	10	260	0.23	93	< 10	84			
CMTK97-04	201	202	515	< 1	1.68	11	1750	8	347	0.17	54	< 10	48			
CMTK97-05	201	202	300	< 1	1.51	21	560	8	117	0.27	97	< 10	70			
CMTK97-06	201	202	350	< 1	1.29	23	690	12	111	0.24	96	< 10	60			
CMTK97-07	201	202	405	< 1	1.09	15	400	8	98	0.31	116	< 10	54			
CMTK97-08	201	202	1005	< 1	1.88	10	1240	12	295	0.26	80	< 10	46			
CMTK97-09	201	202	540	< 1	1.44	13	1870	10	276	0.25	83	< 10	48			
CMTK97-10	201	202	345	< 1	1.24	21	400	12	113	0.24	89	< 10	48			
CMTK97-11	201	202	380	< 1	2.53	4	600	8	504	0.18	41	< 10	44			
CMTK97-12	201	202	900	< 1	0.99	18	1940	14	86	0.19	82	< 10	108			
CMTK97-13	201	202	915	< 1	1.02	19	1510	16	115	0.23	95	< 10	92			
CMTK97-14	201	202	550	< 1	0.15	5	1340	6	68	0.03	11	< 10	114			
CMTK97-15	201	202	1720	< 1	1.40	18	1280	12	276	0.20	64	< 10	96			
CMTK97-16	201	202	935	< 1	1.03	23	970	12	144	0.28	94	< 10	114			
CMTK97-17	201	202	570	< 1	1.94	8	1800	8	400	0.19	48	< 10	66			
CMTK97-18	201	202	480	< 1	0.88	13	1520	8	104	0.28	80	< 10	58			
CMTK97-19	201	202	1295	< 1	0.45	12	2570	10	75	0.16	51	< 10	114			
CMTK97-20	201	202	1115	< 1	0.62	5	1590	4	163	0.09	24	< 10	38			
CMTK97-21	201	202	1550	< 1	0.48	13	1550	8	78	0.12	46	< 10	78			
CMTK97-22	201	202	1590	< 1	0.74	28	970	10	90	0.17	81	< 10	86			
CMTK97-23	201	202	1260	< 1	0.23	6	1470	4	75	0.07	22	< 10	56			
CMTK97-24	201	202	910	< 1	0.68	27	1200	14	91	0.24	86	< 10	132			
CMTK97-25	201	202	630	< 1	0.99	31	1030	10	133	0.27	92	< 10	78			
CMTK97-26	201	202	950	< 1	0.65	25	1190	8	101	0.16	65	< 10	98			
CMTK97-27	201	202	3450	< 1	1.15	8	1630	6	237	0.16	42	< 10	106			
CMTK97-28	201	202	670	< 1	0.90	23	1420	8	135	0.22	78	< 10	68			
CMTK97-29	201	202	1695	< 1	0.27	8	1040	6	25	0.09	33	< 10	66			
CMTK97-30	201	202	595	< 1	2.38	5	970	6	493	0.20	44	< 10	46			
CMTK97-31	201	202	2070	< 1	0.57	14	1520	10	75	0.17	66	< 10	88			
CMTK97-32	201	202	580	< 1	0.46	8	740	8	35	0.14	44	< 10	90			
CMTK97-33	201	202	595	< 1	1.00	24	730	10	120	0.25	87	< 10	64			
CMTK97-34	201	202	1200	< 1	0.53	16	2450	6	84	0.16	56	< 10	56			
CMTK97-35	201	202	1010	< 1	0.73	14	2500	14	79	0.25	84	< 10	114			
CMTK97-36	201	202	805	< 1	0.80	18	3560	10	107	0.25	100	< 10	88			
CMTK97-37	201	202	115	5	0.91	11	1060	10	173	0.25	175	< 10	54			
CMTK97-38	201	202	170	< 1	0.87	11	1050	8	85	0.25	92	< 10	36			
CMTK97-39	201	202	365	< 1	2.47	3	880	8	481	0.17	39	< 10	42			
CMTK97-40	201	202	1240	< 1	0.16	9	2530	6	73	0.06	31	< 10	44			

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME

Certificate Date: 11-OCT-97
Invoice No. : I9745492
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9745492

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)
CMTK97-41	201	202	< 5	< 0.2	6.64	860	1.0	< 2	1.80	< 0.5	5	6	18	1.57	1.88	0.53
CMTK97-42	201	202	< 5	< 0.2	5.11	2090	1.0	< 2	0.47	1.0	64	52	20	4.34	1.58	0.38
CMTK97-43	201	202	< 5	< 0.2	4.08	1030	1.0	< 2	0.58	0.5	18	39	25	2.51	1.00	0.50
CMTK97-44	201	202	< 5	< 0.2	5.30	1110	0.5	< 2	0.53	0.5	11	55	22	3.16	1.34	0.84
CMTK97-45	201	202	< 5	< 0.2	5.97	2330	1.0	< 2	0.61	0.5	12	61	24	3.10	1.92	0.87
CMTK97-46	201	202	< 5	< 0.2	5.06	1180	0.5	< 2	0.37	0.5	7	47	22	3.16	1.49	0.76
CMTK97-47	201	202	< 5	< 0.2	5.81	1220	0.5	< 2	0.37	< 0.5	12	42	27	3.53	1.53	1.17
CMTK97-48	201	202	< 5	< 0.2	6.78	1890	1.0	< 2	0.36	< 0.5	11	57	33	3.54	1.86	1.34
CMTK97-49	201	202	10	< 0.2	5.56	1220	1.0	< 2	0.35	< 0.5	6	74	19	3.01	1.81	0.92
CMTK97-50	201	202	< 5	< 0.2	4.83	920	0.5	< 2	0.28	0.5	6	47	37	2.61	1.29	0.57
CMTK97-51	201	202	< 5	< 0.2	5.61	910	0.5	< 2	0.82	< 0.5	7	85	20	2.85	1.38	0.71
CMTK97-52	201	202	< 5	< 0.2	6.35	970	1.0	< 2	1.46	< 0.5	8	52	22	2.21	1.60	0.70
CMTK97-53	201	202	< 5	< 0.2	5.95	1040	1.5	< 2	1.74	< 0.5	10	95	19	2.90	1.50	1.12
CMTK97-54	201	202	< 5	< 0.2	3.58	700	0.5	< 2	3.14	< 0.5	5	20	23	1.21	0.84	0.47
CMTK97-55	201	202	< 5	< 0.2	5.22	1000	0.5	< 2	2.36	< 0.5	6	26	20	1.66	1.33	0.72
CMTK97-56	201	202	< 5	< 0.2	5.91	1130	1.5	< 2	1.26	< 0.5	10	97	17	2.89	1.56	1.05
CMTK97-57	201	202	< 5	< 0.2	6.33	1210	1.5	< 2	1.66	< 0.5	9	59	22	2.60	1.67	0.85
CMTK97-58	201	202	< 5	< 0.2	5.13	1000	1.0	< 2	1.86	< 0.5	10	67	29	2.40	1.25	0.94
CMTK97-59	201	202	< 5	< 0.2	5.72	1040	1.0	< 2	2.16	< 0.5	9	60	45	2.40	1.41	0.96
CMTK97-60	201	202	< 5	< 0.2	4.64	770	0.5	< 2	2.17	< 0.5	7	37	28	1.65	1.17	0.71
CMTK97-61	201	202	< 5	< 0.2	5.65	850	1.0	< 2	2.42	< 0.5	7	36	26	1.94	1.49	0.75
CMTK97-62	201	202	< 5	< 0.2	6.73	1210	1.5	< 2	1.88	< 0.5	10	93	61	2.76	1.62	0.97
CMTK97-63	201	202	< 5	< 0.2	6.88	820	1.0	< 2	2.06	< 0.5	4	7	19	1.54	1.98	0.57
CMTK97-64	201	202	< 5	< 0.2	6.76	900	0.5	< 2	1.24	0.5	9	72	20	2.93	1.57	0.90
CMTK97-65	201	202	< 5	< 0.2	5.64	1040	1.5	< 2	1.96	0.5	11	93	83	2.74	1.36	1.05
CMTK97-66	201	202	< 5	0.4	6.56	990	1.0	< 2	1.35	< 0.5	14	81	33	3.14	1.64	1.04
CMTK97-67	201	202	< 5	0.4	6.89	980	1.0	< 2	1.54	0.5	6	55	19	2.04	1.97	0.79
CMTK97-68	201	202	< 5	0.8	6.28	810	1.0	< 2	1.65	1.0	7	18	43	1.57	1.82	0.53
CMTK97-69	201	202	< 5	< 0.2	6.44	850	1.0	< 2	1.39	0.5	4	17	19	1.50	1.89	0.47
CMTK97-70	201	202	< 5	< 0.2	7.00	910	1.0	< 2	1.48	< 0.5	5	25	17	1.90	2.06	0.56
CMTK97-71	201	202	< 5	< 0.2	7.05	1140	1.0	< 2	1.33	< 0.5	13	165	25	3.73	1.67	1.69
CMTK97-72	201	202	< 5	< 0.2	7.03	970	1.0	< 2	1.33	< 0.5	7	77	25	2.88	1.98	0.89
CMTK97-73	201	202	< 5	0.4	6.88	950	1.0	< 2	1.51	< 0.5	7	23	20	1.98	1.98	0.58
CMTK97-74	201	202	< 5	0.4	6.60	1090	1.0	< 2	1.00	1.0	8	60	25	2.62	1.80	0.57
CMTK97-75	201	202	< 5	< 0.2	6.92	880	1.0	< 2	1.38	< 0.5	4	17	19	1.70	1.74	0.47
CMTK97-76	201	202	< 5	< 0.2	6.90	1280	1.5	< 2	1.25	< 0.5	6	52	24	2.38	1.94	0.77
CMTK97-77	201	202	< 5	< 0.2	6.54	1340	1.5	< 2	1.04	< 0.5	9	83	23	3.21	1.82	0.96
CMTK97-78	201	202	< 5	< 0.2	6.57	1400	1.5	< 2	0.87	< 0.5	10	81	24	3.22	1.86	0.95
CMTK97-79	201	202	< 5	< 0.2	6.49	1490	1.5	< 2	0.81	< 0.5	11	87	21	3.65	1.95	0.84
CMTK97-80	201	202	< 5	< 0.2	7.37	960	1.5	< 2	1.71	0.5	8	20	18	2.03	2.15	0.64

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME

Certificate Date: 11-OCT-97
Invoice No. : 19745492
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9745492

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)			
CMTK97-41	201	202	385	< 1	2.49	5	960	6	498	0.18	36	< 10	42			
CMTK97-42	201	202	765	1	0.60	181	2760	14	98	0.16	105	< 10	166			
CMTK97-43	201	202	2880	< 1	0.64	22	4550	14	76	0.17	61	< 10	58			
CMTK97-44	201	202	930	< 1	1.15	33	1030	12	95	0.25	80	< 10	70			
CMTK97-45	201	202	2010	< 1	0.78	29	830	14	71	0.24	93	< 10	74			
CMTK97-46	201	202	680	< 1	1.00	18	1060	10	67	0.21	102	< 10	78			
CMTK97-47	201	202	720	< 1	1.12	22	560	14	65	0.21	84	< 10	78			
CMTK97-48	201	202	315	< 1	1.25	32	680	12	74	0.24	103	< 10	78			
CMTK97-49	201	202	290	< 1	1.14	34	480	12	81	0.26	102	< 10	62			
CMTK97-50	201	202	430	< 1	0.87	19	2410	10	61	0.18	88	< 10	62			
CMTK97-51	201	202	435	< 1	1.22	28	1610	8	171	0.31	124	< 10	58			
CMTK97-52	201	202	520	< 1	1.85	26	1680	8	347	0.23	70	< 10	54			
CMTK97-53	201	202	640	< 1	1.44	43	850	10	224	0.33	106	< 10	68			
CMTK97-54	201	202	575	< 1	0.92	13	1350	6	250	0.12	36	< 10	34			
CMTK97-55	201	202	485	< 1	1.42	14	1000	8	293	0.16	50	< 10	52			
CMTK97-56	201	202	525	< 1	1.21	34	550	10	137	0.32	113	< 10	60			
CMTK97-57	201	202	555	< 1	1.47	28	710	14	245	0.25	90	< 10	74			
CMTK97-58	201	202	550	< 1	1.04	35	840	12	169	0.24	86	< 10	64			
CMTK97-59	201	202	485	< 1	1.39	30	970	8	287	0.22	82	< 10	70			
CMTK97-60	201	202	325	< 1	1.29	20	640	8	255	0.17	52	< 10	48			
CMTK97-61	201	202	535	< 1	1.70	24	670	10	350	0.21	61	< 10	52			
CMTK97-62	201	202	415	< 1	1.57	114	610	10	305	0.21	91	< 10	92			
CMTK97-63	201	202	385	< 1	2.70	6	580	6	573	0.18	34	< 10	42			
CMTK97-64	201	202	500	< 1	1.76	19	470	12	290	0.35	116	< 10	100			
CMTK97-65	201	202	500	< 1	0.97	67	1170	34	177	0.21	97	< 10	204			
CMTK97-66	201	202	775	< 1	1.79	40	580	16	293	0.31	103	< 10	82			
CMTK97-67	201	202	435	< 1	2.24	13	500	10	386	0.29	81	< 10	72			
CMTK97-68	201	202	465	< 1	2.20	12	550	40	445	0.18	44	< 10	70			
CMTK97-69	201	202	355	< 1	2.43	6	580	12	454	0.21	46	< 10	68			
CMTK97-70	201	202	500	< 1	2.47	8	550	16	474	0.25	61	< 10	84			
CMTK97-71	201	202	545	< 1	1.71	61	340	18	218	0.41	140	< 10	96			
CMTK97-72	201	202	425	< 1	2.03	24	670	30	330	0.29	96	< 10	100			
CMTK97-73	201	202	515	< 1	2.34	10	520	20	448	0.25	60	< 10	88			
CMTK97-74	201	202	630	< 1	1.71	15	1030	50	261	0.33	106	< 10	134			
CMTK97-75	201	202	335	< 1	2.57	6	580	20	467	0.22	50	< 10	62			
CMTK97-76	201	202	365	< 1	1.88	19	710	50	319	0.32	87	< 10	76			
CMTK97-77	201	202	495	< 1	1.29	29	660	28	186	0.41	130	< 10	96			
CMTK97-78	201	202	570	< 1	1.26	28	530	30	161	0.40	121	< 10	82			
CMTK97-79	201	202	780	< 1	1.14	27	850	36	156	0.43	141	< 10	136			
CMTK97-80	201	202	500	< 1	2.66	8	510	12	519	0.25	57	< 10	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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME

Page Number :3-A
Total Pages :6
Certificate Date: 11-OCT-97
Invoice No. :I9745492
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9745492

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)
CMTK97-81	201	202	< 5	< 0.2	6.64	1350	1.5	< 2	1.04	0.5	10	67	20	2.74	1.86	0.77
CMTK97-82	201	202	< 5	< 0.2	6.64	830	1.0	< 2	1.53	< 0.5	6	22	17	1.83	1.90	0.55
CMTK97-83	201	202	< 5	< 0.2	6.55	1010	1.0	< 2	1.36	1.5	9	45	22	2.08	1.93	0.53
CMTK97-84	201	202	< 5	< 0.2	6.70	960	1.0	< 2	1.37	< 0.5	7	26	17	1.89	1.98	0.54
CMTK97-85	201	202	< 5	< 0.2	6.44	930	1.0	< 2	1.34	< 0.5	5	26	17	1.80	1.94	0.48
CMTK97-86	201	202	< 5	0.4	5.80	1150	1.0	< 2	1.55	2.0	14	79	60	2.61	1.42	0.63
CMTK97-87	201	202	< 5	< 0.2	7.22	910	1.5	< 2	1.66	< 0.5	7	17	24	1.79	2.09	0.54
CMTK97-88	201	202	< 5	< 0.2	6.83	840	1.0	< 2	1.74	< 0.5	6	9	17	1.69	2.02	0.59
CMTK97-89	201	202	< 5	< 0.2	6.59	820	1.0	< 2	1.67	< 0.5	6	9	16	1.57	1.96	0.52
CMTK97-90	201	202	< 5	< 0.2	6.32	1040	1.0	< 2	1.26	< 0.5	8	41	14	1.66	1.91	0.50
CMTK97-91	201	202	< 5	< 0.2	7.17	900	1.0	< 2	1.55	< 0.5	4	14	17	1.58	2.18	0.50
CMTK97-92	201	202	< 5	< 0.2	6.23	780	0.5	< 2	1.30	< 0.5	5	43	16	1.92	1.76	0.49
CMTK97-93	201	202	< 5	< 0.2	6.56	860	0.5	< 2	1.32	< 0.5	5	54	15	2.19	1.81	0.60
CMTK97-94	201	202	< 5	< 0.2	5.78	1170	1.5	< 2	0.77	< 0.5	5	63	13	2.56	1.67	0.57
CMTK97-95	201	202	< 5	< 0.2	5.25	980	1.0	< 2	0.61	< 0.5	6	81	14	2.63	1.32	0.58
CMTK97-96	201	202	< 5	< 0.2	5.80	910	1.0	< 2	0.78	< 0.5	10	147	21	4.22	1.40	1.06
CMTK97-97	201	202	< 5	< 0.2	5.70	880	1.0	< 2	0.66	< 0.5	6	81	18	2.91	1.34	0.57
CMTK97-98	201	202	< 5	< 0.2	6.14	830	1.0	< 2	0.98	< 0.5	5	65	17	2.27	1.66	0.54
CMTK97-99	201	202	< 5	< 0.2	5.65	930	1.0	< 2	0.88	< 0.5	7	59	17	2.01	1.65	0.39
CMTK97-100	201	202	< 5	< 0.2	6.35	830	1.0	< 2	1.26	< 0.5	8	57	23	2.73	1.75	0.68
CMTK97-101	201	202	< 5	< 0.2	6.42	810	1.0	< 2	1.25	< 0.5	7	30	18	2.04	1.80	0.58
CMTK97-102	201	202	< 5	< 0.2	6.50	810	1.0	< 2	1.41	< 0.5	8	17	14	2.09	1.84	0.72
CMTK97-103	201	202	< 5	< 0.2	7.07	1130	1.5	< 2	0.60	0.5	18	77	17	3.48	2.22	0.74
CMTK97-104	201	202	< 5	< 0.2	0.80	400	< 0.5	< 2	2.35	19.5	3	6	23	0.33	0.28	0.25
CMTK97-105	201	202	< 5	< 0.2	6.85	870	1.0	< 2	1.70	3.5	7	15	22	1.79	2.01	0.55
CMTK97-106	201	202	< 5	2.0	6.91	860	1.0	< 2	1.00	11.0	11	73	55	3.24	2.11	0.52
CMTK97-107	201	202	< 5	< 0.2	6.67	760	1.0	< 2	1.59	< 0.5	5	12	23	1.69	1.84	0.55
CMTK97-108	201	202	not/ss	0.2	1.14	240	< 0.5	< 2	2.56	< 0.5	1	6	19	0.42	0.13	0.20
CMTK97-109	201	202	< 5	0.2	5.87	720	0.5	< 2	1.62	0.5	5	13	23	1.48	1.65	0.48
CMTK97-110	201	202	< 5	0.4	6.26	820	1.0	< 2	1.66	< 0.5	5	26	138	1.92	1.72	0.50
CMTK97-111	201	202	< 5	0.2	5.80	970	1.0	< 2	0.47	0.5	5	78	23	2.48	1.81	0.60
CMTK97-112	201	202	< 5	< 0.2	7.37	870	1.0	< 2	2.10	< 0.5	5	14	40	1.87	2.07	0.70
CMTK97-113	201	202	< 5	< 0.2	5.08	780	0.5	< 2	2.11	< 0.5	5	11	47	1.37	1.28	0.45
CMTK97-114	201	202	< 5	< 0.2	5.11	710	1.0	< 2	1.77	< 0.5	4	16	64	1.35	1.35	0.43
CMTK97-115	201	202	< 5	< 0.2	5.98	790	1.0	< 2	0.86	< 0.5	8	69	26	2.44	1.69	0.61
CMTK97-116	201	202	< 5	< 0.2	4.96	770	1.0	< 2	1.16	< 0.5	6	45	22	2.05	1.23	0.50
CMTK97-117	201	202	< 5	< 0.2	5.28	750	1.0	< 2	0.84	< 0.5	5	59	17	2.76	1.60	0.51
CMTK97-118	201	202	< 5	< 0.2	5.88	840	1.0	< 2	0.60	< 0.5	10	101	24	3.88	1.61	0.73
CMTK97-119	201	202	< 5	< 0.2	5.88	710	1.0	< 2	1.20	< 0.5	9	32	29	2.13	1.49	0.58
CMTK97-120	201	202	< 5	< 0.2	5.68	1010	0.5	< 2	1.16	0.5	14	51	13	2.74	1.21	0.92

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME

Certificate Date: 11-OCT-97
Invoice No. : 19745492
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9745492

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)			
CMTK97-81	201	202	710	< 1	1.55	22	750	22	257	0.37	105	< 10	88			
CMTK97-82	201	202	505	< 1	2.44	9	1240	12	469	0.22	57	< 10	60			
CMTK97-83	201	202	970	< 1	2.22	15	720	16	394	0.27	72	< 10	78			
CMTK97-84	201	202	665	< 1	2.29	8	700	16	443	0.25	60	< 10	54			
CMTK97-85	201	202	440	< 1	2.24	8	890	10	426	0.22	56	< 10	50			
CMTK97-86	201	202	2180	< 1	1.48	54	1360	16	261	0.29	88	< 10	168			
CMTK97-87	201	202	905	< 1	2.71	10	730	10	543	0.19	38	< 10	58			
CMTK97-88	201	202	420	< 1	2.70	5	490	8	536	0.20	42	< 10	46			
CMTK97-89	201	202	860	< 1	2.58	6	600	8	500	0.19	37	< 10	44			
CMTK97-90	201	202	780	< 1	2.05	9	950	12	381	0.29	64	< 10	44			
CMTK97-91	201	202	425	< 1	2.69	4	910	8	523	0.22	43	< 10	46			
CMTK97-92	201	202	380	< 1	2.33	10	820	8	399	0.27	77	< 10	52			
CMTK97-93	201	202	580	< 1	2.16	13	850	20	373	0.34	89	< 10	56			
CMTK97-94	201	202	395	< 1	1.22	17	530	16	172	0.39	110	< 10	62			
CMTK97-95	201	202	670	< 1	1.01	19	2070	12	129	0.33	108	< 10	62			
CMTK97-96	201	202	510	< 1	1.11	42	1160	12	113	0.40	148	< 10	76			
CMTK97-97	201	202	745	< 1	1.35	18	2140	12	146	0.36	109	< 10	70			
CMTK97-98	201	202	450	< 1	1.81	13	1270	10	284	0.33	90	< 10	54			
CMTK97-99	201	202	2040	< 1	1.65	11	1630	10	261	0.29	80	< 10	64			
CMTK97-100	201	202	580	< 1	1.84	20	1270	12	355	0.27	85	< 10	76			
CMTK97-101	201	202	340	< 1	2.07	7	1000	10	391	0.23	59	< 10	42			
CMTK97-102	201	202	950	< 1	2.14	6	840	10	406	0.27	64	< 10	56			
CMTK97-103	201	202	970	< 1	1.04	16	640	28	101	0.39	128	< 10	92			
CMTK97-104	201	202	1005	< 1	0.19	6	1620	10	121	0.03	9	< 10	1125			
CMTK97-105	201	202	580	< 1	2.49	6	960	14	502	0.22	49	< 10	236			
CMTK97-106	201	202	1075	< 1	1.42	13	1140	120	239	0.25	95	< 10	650			
CMTK97-107	201	202	295	< 1	2.30	5	890	12	477	0.20	41	< 10	44			
CMTK97-108	201	202	65	< 1	0.12	6	1580	6	134	0.02	7	< 10	12			
CMTK97-109	201	202	310	< 1	2.03	5	1200	8	444	0.17	36	< 10	48			
CMTK97-110	201	202	425	< 1	1.94	7	1200	44	400	0.19	49	< 10	64			
CMTK97-111	201	202	205	< 1	1.09	15	1270	16	111	0.34	102	< 10	72			
CMTK97-112	201	202	390	< 1	2.78	6	800	8	597	0.23	51	< 10	50			
CMTK97-113	201	202	480	< 1	1.71	6	980	8	397	0.16	35	< 10	30			
CMTK97-114	201	202	240	< 1	1.76	7	1360	6	371	0.14	34	< 10	36			
CMTK97-115	201	202	500	< 1	1.50	13	1500	22	223	0.28	99	< 10	74			
CMTK97-116	201	202	425	< 1	1.11	14	1940	8	202	0.18	62	< 10	40			
CMTK97-117	201	202	345	< 1	1.27	14	1600	10	206	0.24	86	< 10	48			
CMTK97-118	201	202	670	< 1	1.03	23	2390	10	135	0.30	122	< 10	84			
CMTK97-119	201	202	600	< 1	1.76	11	2140	12	338	0.21	65	< 10	54			
CMTK97-120	201	202	1105	< 1	1.61	13	1140	8	172	0.35	122	< 10	56			

CERTIFICATION: Ian Bradden

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME

Certificate Date: 11-OCT-97
Invoice No. : I9745492
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9745492

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)
CMTK97-121	201	202	< 5	< 0.2	6.69	830	0.5	< 2	1.52	< 0.5	6	16	15	2.10	1.77	0.67
CMTK97-122	201	202	< 5	< 0.2	6.41	880	1.0	< 2	1.81	< 0.5	6	12	17	1.71	1.81	0.63
CMTK97-123	201	202	< 5	< 0.2	6.65	1460	1.5	< 2	0.73	< 0.5	10	79	19	3.70	1.94	1.20
CMTK97-124	201	202	< 5	< 0.2	6.89	1340	1.0	< 2	1.30	< 0.5	12	33	16	2.53	2.01	0.77
CMTK97-125	201	202	< 5	< 0.2	6.17	1150	1.0	< 2	0.63	0.5	17	58	16	3.44	1.94	0.85
CMTK97-126	201	202	< 5	< 0.2	7.28	1050	1.0	< 2	1.28	1.5	8	31	19	2.54	2.32	0.71
CMTK97-127	201	202	< 5	< 0.2	7.41	890	1.0	< 2	1.80	< 0.5	5	6	17	1.63	2.29	0.57
CMTK97-128	201	202	< 5	< 0.2	7.16	820	1.0	< 2	1.70	< 0.5	4	7	19	1.62	2.07	0.57
CMTK97-129	201	202	< 5	< 0.2	7.12	840	1.0	< 2	1.76	< 0.5	4	5	16	1.59	2.16	0.57
CMTK97-130	201	202	< 5	< 0.2	5.92	720	0.5	< 2	1.41	0.5	4	6	17	1.36	1.80	0.45
CMTK97-131	201	202	< 5	< 0.2	6.40	1300	1.0	< 2	0.91	1.0	18	105	15	4.98	1.57	1.97
CMTK97-132	201	202	< 5	< 0.2	6.22	1100	1.5	< 2	1.41	< 0.5	16	135	34	3.98	1.75	1.92
CMTK97-133	201	202	< 5	< 0.2	7.19	910	1.0	< 2	1.60	< 0.5	4	15	16	1.58	2.21	0.54
CMTK97-134	201	202	< 5	< 0.2	5.66	1850	1.0	< 2	0.58	4.0	10	52	17	2.02	1.84	0.48
CMTK97-135	201	202	< 5	< 0.2	4.65	830	0.5	< 2	0.47	< 0.5	1	41	5	0.92	1.59	0.29
CMTK97-136	201	202	< 5	< 0.2	6.01	870	1.0	< 2	1.05	< 0.5	4	33	14	2.01	1.75	0.59
CMTK97-137	201	202	< 5	< 0.2	6.70	830	1.0	< 2	1.33	< 0.5	4	15	15	1.43	2.09	0.44
CMTK97-138	201	202	< 5	< 0.2	6.71	850	1.0	< 2	1.41	< 0.5	4	9	16	1.46	2.10	0.45
CMTK97-139	201	202	< 5	< 0.2	5.50	930	1.0	< 2	0.56	< 0.5	2	42	15	1.29	1.61	0.37
CMTK97-140	201	202	< 5	< 0.2	6.90	860	1.0	< 2	1.64	< 0.5	4	10	16	1.47	2.12	0.50
CMTK97-141	201	202	< 5	< 0.2	6.31	890	1.0	< 2	0.83	< 0.5	4	39	20	1.62	1.82	0.47
CMTK97-142	201	202	< 5	< 0.2	5.70	860	1.0	< 2	0.65	< 0.5	6	73	20	2.48	1.65	0.92
CMTK97-143	201	202	< 5	< 0.2	6.26	780	1.0	< 2	1.18	< 0.5	4	29	13	1.46	1.81	0.58
CMTK97-144	201	202	< 5	< 0.2	5.96	710	1.0	< 2	1.30	< 0.5	5	23	19	1.86	1.66	0.56
CMTK97-145	201	202	< 5	< 0.2	5.86	890	1.0	< 2	1.23	< 0.5	7	35	20	2.19	1.55	0.60
CMTK97-146	201	202	< 5	< 0.2	6.18	1420	1.5	< 2	0.58	< 0.5	9	51	33	2.79	1.33	0.59
CMTK97-147	201	202	< 5	< 0.2	6.07	950	1.0	< 2	0.66	< 0.5	4	41	15	2.33	1.77	0.49
CMTK97-148	201	202	< 5	< 0.2	7.03	850	1.0	< 2	1.59	< 0.5	3	6	18	1.46	2.19	0.48
CMTK97-149	201	202	< 5	< 0.2	6.41	1000	1.0	< 2	0.44	< 0.5	5	49	17	3.60	1.78	0.60
CMTK97-150	201	202	< 5	< 0.2	6.65	820	1.0	< 2	1.46	< 0.5	4	11	16	1.47	2.03	0.50
CMTK97-151	201	202	< 5	< 0.2	6.67	980	1.0	< 2	1.03	0.5	8	32	17	2.42	2.04	0.53
CMTK97-152	201	202	< 5	< 0.2	7.11	790	1.0	< 2	1.90	< 0.5	5	7	15	1.72	2.10	0.67
CMTK97-153	201	202	< 5	< 0.2	7.42	800	1.0	< 2	1.64	< 0.5	5	14	17	1.81	2.27	0.58
CMTK97-154	201	202	< 5	< 0.2	7.27	830	1.0	< 2	1.71	< 0.5	3	7	16	1.56	2.25	0.55
CMTK97-155	201	202	< 5	< 0.2	6.93	810	1.0	< 2	0.52	< 0.5	6	74	15	2.61	1.96	0.52
CMTK97-156	201	202	< 5	< 0.2	6.56	730	1.5	< 2	0.38	< 0.5	7	82	16	3.32	2.07	0.66
CMTK97-157	201	202	< 5	< 0.2	6.53	980	1.0	< 2	0.56	< 0.5	16	162	39	4.21	1.47	1.23
CMTK97-158	201	202	< 5	< 0.2	7.63	830	1.0	< 2	1.61	< 0.5	4	11	16	1.57	2.30	0.50
CMTK97-159	201	202	< 5	< 0.2	6.07	760	1.0	< 2	0.56	< 0.5	5	65	11	2.47	1.78	0.60
CMTK97-160	201	202	< 5	< 0.2	7.22	870	1.5	< 2	0.62	< 0.5	4	51	17	2.15	2.12	0.42

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME

Page Number :4-B
Total Pages :6
Certificate Date: 11-OCT-97
Invoice No. : I9745492
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9745492

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)			
CMTK97-121	201	202	420	< 1	2.42	7	950	10	436	0.27	66	< 10	60			
CMTK97-122	201	202	1300	< 1	2.44	6	1040	8	482	0.20	46	< 10	58			
CMTK97-123	201	202	460	< 1	1.39	23	940	12	137	0.37	127	< 10	66			
CMTK97-124	201	202	1285	< 1	2.08	9	780	10	346	0.26	72	< 10	54			
CMTK97-125	201	202	2220	< 1	1.13	14	1100	12	117	0.33	108	< 10	70			
CMTK97-126	201	202	635	< 1	2.03	9	1220	10	384	0.25	72	< 10	72			
CMTK97-127	201	202	395	< 1	2.94	3	340	8	582	0.20	38	< 10	52			
CMTK97-128	201	202	380	< 1	2.73	5	540	8	537	0.20	38	< 10	44			
CMTK97-129	201	202	345	< 1	2.79	3	480	8	576	0.20	37	< 10	44			
CMTK97-130	201	202	315	< 1	2.28	3	890	10	456	0.17	31	< 10	42			
CMTK97-131	201	202	830	< 1	1.57	24	1100	14	169	0.44	159	< 10	114			
CMTK97-132	201	202	505	< 1	1.49	40	730	10	210	0.37	146	< 10	66			
CMTK97-133	201	202	355	< 1	2.70	5	490	4	505	0.22	49	< 10	44			
CMTK97-134	201	202	1595	< 1	1.10	13	570	6	120	0.29	104	< 10	90			
CMTK97-135	201	202	165	< 1	1.08	6	300	4	111	0.33	78	< 10	26			
CMTK97-136	201	202	290	< 1	1.81	11	680	4	304	0.24	74	< 10	46			
CMTK97-137	201	202	290	< 1	2.44	4	560	4	440	0.21	48	< 10	40			
CMTK97-138	201	202	315	< 1	2.52	3	740	4	488	0.18	38	< 10	42			
CMTK97-139	201	202	185	< 1	1.07	8	1660	6	149	0.22	85	< 10	28			
CMTK97-140	201	202	325	< 1	2.78	4	570	< 2	534	0.18	35	< 10	42			
CMTK97-141	201	202	215	< 1	1.69	9	1230	6	258	0.23	80	< 10	38			
CMTK97-142	201	202	275	< 1	1.31	20	480	6	160	0.23	98	< 10	50			
CMTK97-143	201	202	255	< 1	2.09	8	590	4	365	0.21	56	< 10	38			
CMTK97-144	201	202	330	< 1	1.95	8	1960	4	382	0.19	58	< 10	42			
CMTK97-145	201	202	475	< 1	1.46	14	2040	8	278	0.21	75	< 10	52			
CMTK97-146	201	202	690	< 1	0.82	23	2680	14	132	0.22	109	< 10	62			
CMTK97-147	201	202	255	< 1	1.30	11	880	8	196	0.27	97	< 10	48			
CMTK97-148	201	202	330	< 1	2.71	3	550	4	543	0.19	34	< 10	44			
CMTK97-149	201	202	335	< 1	1.03	16	1740	8	140	0.27	115	< 10	76			
CMTK97-150	201	202	305	< 1	2.41	4	550	4	484	0.20	44	< 10	42			
CMTK97-151	201	202	965	< 1	1.84	10	850	8	320	0.29	82	< 10	94			
CMTK97-152	201	202	350	< 1	2.73	4	490	4	601	0.22	45	< 10	44			
CMTK97-153	201	202	325	< 1	2.64	6	540	6	525	0.22	48	< 10	50			
CMTK97-154	201	202	335	< 1	2.79	4	430	6	559	0.20	37	< 10	44			
CMTK97-155	201	202	315	< 1	1.14	24	540	8	118	0.26	100	< 10	58			
CMTK97-156	201	202	380	< 1	0.91	30	960	12	73	0.26	108	< 10	64			
CMTK97-157	201	202	440	< 1	1.05	106	450	10	90	0.31	131	< 10	82			
CMTK97-158	201	202	325	< 1	2.75	4	360	4	529	0.20	39	< 10	44			
CMTK97-159	201	202	240	< 1	1.26	22	330	8	129	0.25	87	< 10	46			
CMTK97-160	201	202	120	< 1	0.91	18	1630	10	121	0.13	66	< 10	44			

CERTIFICATION: Ian Bickler

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME

Certificate Date: 11-OCT-97
Invoice No. : I9745492
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9745492

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)
CMTK97-161	201 202	< 5	0.6	4.21	610	1.0	< 2	1.83	< 0.5	6	34	38	1.71	1.18	0.40
CMTK97-162	201 202	< 5	< 0.2	6.39	720	1.0	< 2	0.79	< 0.5	7	67	15	2.84	1.63	0.60
CMTK97-163	201 202	< 5	< 0.2	6.29	780	1.0	< 2	0.75	< 0.5	6	71	13	2.47	1.75	0.65
CMTK97-164	201 202	< 5	< 0.2	6.64	950	1.0	< 2	0.82	< 0.5	9	137	16	3.43	1.73	0.88
CMTK97-165	201 202	< 5	< 0.2	6.37	1120	1.0	< 2	1.44	< 0.5	23	179	46	4.15	1.31	2.10
CMTK97-166	201 202	< 5	< 0.2	4.80	860	0.5	< 2	1.35	< 0.5	13	135	19	2.48	1.15	1.57
CMTK97-167	201 202	< 5	< 0.2	6.81	840	1.0	< 2	1.60	< 0.5	5	29	16	1.71	1.99	0.62
CMTK97-168	201 202	< 5	< 0.2	5.84	800	1.0	< 2	0.90	< 0.5	6	81	17	2.33	1.55	0.76
CMTK97-169	201 202	< 5	< 0.2	6.02	850	1.0	< 2	0.79	< 0.5	10	112	18	3.34	1.55	1.00
CMTK97-170	201 202	< 5	< 0.2	6.48	900	1.5	< 2	0.96	< 0.5	13	115	24	3.17	1.71	1.17
CMTK97-171	201 202	< 5	< 0.2	6.02	770	0.5	< 2	0.97	< 0.5	6	73	14	2.29	1.50	0.74
CMTK97-172	201 202	< 5	< 0.2	6.53	790	1.0	< 2	1.23	< 0.5	4	46	17	1.89	1.86	0.64
CMTK97-173	201 202	< 5	< 0.2	6.16	930	1.0	< 2	1.25	< 0.5	7	45	13	2.00	1.76	0.59
CMTK97-174	201 202	< 5	< 0.2	6.42	820	0.5	< 2	1.16	< 0.5	10	122	17	3.47	1.55	1.03
CMTK97-175	201 202	< 5	< 0.2	6.00	710	0.5	< 2	0.96	< 0.5	7	80	14	2.78	1.45	0.55
CMTK97-176	201 202	< 5	< 0.2	6.55	790	1.0	< 2	1.36	< 0.5	5	22	17	1.72	1.87	0.54
CMTK97-177	201 202	< 5	< 0.2	3.22	490	0.5	< 2	1.70	< 0.5	4	16	21	1.14	0.63	0.34
CMTK97-178	201 202	< 5	0.2	4.94	630	0.5	< 2	1.47	< 0.5	4	10	16	1.36	1.23	0.44
CMTK97-179	201 202	< 5	< 0.2	5.92	790	0.5	< 2	0.69	< 0.5	11	67	20	3.85	1.33	0.87
CMTK97-180	201 202	< 5	< 0.2	5.17	710	1.0	< 2	0.86	< 0.5	5	33	25	2.07	1.27	0.47
CMTK97-181	201 202	< 5	< 0.2	6.24	950	1.0	< 2	1.28	0.5	18	33	16	2.01	1.62	0.57
CMTK97-182	201 202	< 5	< 0.2	5.12	1190	0.5	< 2	0.86	< 0.5	5	57	14	2.00	1.18	0.74
CMTK97-183	201 202	< 5	0.8	5.82	1120	1.0	< 2	1.08	< 0.5	8	54	17	2.41	1.43	0.77
CMTK97-184	201 202	< 5	< 0.2	5.90	990	1.0	< 2	1.48	< 0.5	8	70	18	2.20	1.42	0.93
CMTK97-185	201 202	< 5	< 0.2	2.65	440	< 0.5	< 2	0.79	< 0.5	3	17	10	0.90	0.64	0.28
CMTK97-186	201 202	< 5	0.8	6.13	780	1.0	< 2	1.50	< 0.5	5	19	21	1.59	1.57	0.50
CMTK97-187	201 202	< 5	< 0.2	5.67	1020	1.0	< 2	1.10	< 0.5	9	95	19	2.60	1.35	1.07
CMTK97-188	201 202	< 5	< 0.2	6.56	860	1.0	< 2	1.50	< 0.5	4	15	17	1.50	1.97	0.51
CMTK97-189	201 202	< 5	< 0.2	6.11	940	1.0	< 2	1.34	< 0.5	6	30	17	1.66	1.70	0.53
CMTK97-190	201 202	< 5	< 0.2	5.35	890	1.0	< 2	1.64	0.5	6	29	28	2.11	1.21	0.56
CMTK97-191	201 202	< 5	< 0.2	5.85	1100	1.0	< 2	1.46	< 0.5	7	45	28	2.48	1.40	0.84
CMTK97-192	201 202	< 5	0.4	4.99	770	0.5	< 2	1.30	0.5	5	26	53	1.78	1.18	0.43
CMTK97-193	201 202	< 5	< 0.2	5.07	790	1.0	< 2	1.62	< 0.5	5	27	32	2.01	1.17	0.49
CMTK97-194	201 202	< 5	< 0.2	6.17	730	1.0	< 2	2.08	< 0.5	4	9	17	1.48	1.70	0.52
CMTK97-195	201 202	< 5	< 0.2	5.40	880	1.0	< 2	0.69	< 0.5	6	66	18	2.46	1.26	0.65
CMTK97-196	201 202	< 5	< 0.2	6.41	1020	1.0	< 2	0.98	< 0.5	5	19	21	2.32	1.90	0.62
CMTK97-197	201 202	< 5	< 0.2	7.16	890	1.0	< 2	1.63	< 0.5	5	6	17	1.61	2.21	0.51
CMTK97-198	201 202	< 5	< 0.2	6.76	810	1.0	< 2	1.56	< 0.5	4	8	17	1.56	2.02	0.51
CMTK97-199	201 202	< 5	0.4	6.58	830	1.0	< 2	1.36	< 0.5	4	27	21	1.98	1.82	0.56
CMTK97-200	201 202	< 5	< 0.2	6.41	1100	0.5	< 2	0.59	< 0.5	5	59	14	3.08	1.36	0.85

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME

Page Number :5-B
Total Pages :6
Certificate Date: 11-OCT-97
Invoice No. :I9745492
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9745492

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)			
CMTK97-161	201	202	520	< 1	0.61	26	1650	10	163	0.09	36	< 10	58			
CMTK97-162	201	202	330	< 1	1.63	19	560	10	207	0.29	99	< 10	58			
CMTK97-163	201	202	385	< 1	1.48	21	830	8	179	0.30	106	< 10	54			
CMTK97-164	201	202	475	< 1	1.47	35	730	8	152	0.39	143	< 10	66			
CMTK97-165	201	202	965	< 1	1.57	110	590	6	154	0.39	149	< 10	82			
CMTK97-166	201	202	455	< 1	1.42	67	580	8	154	0.32	106	< 10	54			
CMTK97-167	201	202	350	< 1	2.56	9	550	4	483	0.23	53	< 10	46			
CMTK97-168	201	202	300	< 1	1.49	28	660	10	196	0.29	103	< 10	52			
CMTK97-169	201	202	380	< 1	1.38	43	470	8	123	0.35	126	< 10	60			
CMTK97-170	201	202	485	< 1	1.49	54	470	10	148	0.35	117	< 10	62			
CMTK97-171	201	202	325	< 1	1.66	21	640	4	215	0.32	95	< 10	44			
CMTK97-172	201	202	300	< 1	2.09	14	810	8	345	0.24	68	< 10	42			
CMTK97-173	201	202	860	< 1	1.77	12	900	6	308	0.28	85	< 10	48			
CMTK97-174	201	202	765	< 1	2.00	36	1490	4	270	0.43	143	< 10	62			
CMTK97-175	201	202	335	< 1	1.87	18	1060	6	255	0.42	127	< 10	50			
CMTK97-176	201	202	310	< 1	2.29	8	1150	4	432	0.22	53	< 10	44			
CMTK97-177	201	202	340	< 1	0.78	12	1700	< 2	191	0.09	27	< 10	58			
CMTK97-178	201	202	310	< 1	1.63	6	2010	< 2	351	0.15	34	< 10	30			
CMTK97-179	201	202	730	< 1	1.65	23	1590	4	109	0.32	119	< 10	70			
CMTK97-180	201	202	520	< 1	1.45	12	2650	4	235	0.19	60	< 10	40			
CMTK97-181	201	202	2660	< 1	1.98	12	1750	4	354	0.24	69	< 10	44			
CMTK97-182	201	202	325	< 1	1.26	17	1010	6	154	0.26	93	< 10	40			
CMTK97-183	201	202	1150	< 1	1.57	19	1760	6	245	0.24	84	< 10	54			
CMTK97-184	201	202	520	< 1	1.76	28	930	4	278	0.26	82	< 10	48			
CMTK97-185	201	202	220	< 1	0.78	7	1270	< 2	142	0.09	25	< 10	24			
CMTK97-186	201	202	385	< 1	2.06	11	1860	4	408	0.16	38	< 10	42			
CMTK97-187	201	202	595	< 1	1.51	36	1180	4	179	0.26	102	< 10	58			
CMTK97-188	201	202	330	< 1	2.59	7	980	4	486	0.18	39	< 10	42			
CMTK97-189	201	202	1065	< 1	2.09	10	1440	6	369	0.19	56	< 10	40			
CMTK97-190	201	202	1275	< 1	1.34	15	3610	6	270	0.18	56	< 10	62			
CMTK97-191	201	202	730	< 1	1.58	24	1350	4	256	0.22	81	< 10	58			
CMTK97-192	201	202	1015	< 1	1.42	37	3060	6	282	0.15	49	< 10	46			
CMTK97-193	201	202	1100	< 1	1.45	16	3700	6	297	0.16	49	< 10	46			
CMTK97-194	201	202	515	< 1	2.29	4	1090	4	479	0.18	36	< 10	46			
CMTK97-195	201	202	675	< 1	1.18	19	2410	4	160	0.27	95	< 10	52			
CMTK97-196	201	202	720	< 1	1.76	6	1730	4	309	0.19	77	< 10	46			
CMTK97-197	201	202	360	< 1	2.90	3	710	4	571	0.21	38	< 10	44			
CMTK97-198	201	202	335	< 1	2.63	4	920	4	510	0.18	36	< 10	46			
CMTK97-199	201	202	560	< 1	2.23	8	2030	6	423	0.20	55	< 10	58			
CMTK97-200	201	202	340	< 1	1.19	18	370	6	125	0.31	131	< 10	56			

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME

Certificate Date: 11-OCT-97
Invoice No. : I9745492
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9745492

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)
CMTK97-201	201	202	< 5	< 0.2	2.86	610	< 0.5	< 2	2.87	0.5	2	6	14	0.74	0.68	0.31
CMTK97-202	201	202	< 5	< 0.2	5.33	1090	0.5	< 2	1.19	< 0.5	7	53	24	2.46	1.08	0.73
CMTK97-203	201	202	< 5	< 0.2	6.48	1030	0.5	< 2	0.75	< 0.5	9	72	20	3.36	1.51	1.47
CMTK97-204	201	202	< 5	0.8	4.39	1020	0.5	< 2	1.98	0.5	5	27	43	1.52	0.93	0.49
CMTK97-205	201	202	< 5	< 0.2	6.14	1400	1.0	< 2	1.50	< 0.5	9	62	37	2.68	1.46	1.20
CMTK97-206	201	202	< 5	< 0.2	6.72	850	1.0	< 2	1.60	< 0.5	7	18	22	1.86	1.84	0.65
CMTK97-207	201	202	< 5	0.4	6.03	920	0.5	< 2	1.14	< 0.5	13	37	30	3.13	1.46	0.77
CMTK97-208	201	202	< 5	< 0.2	6.38	1000	1.0	< 2	1.56	< 0.5	14	96	29	3.08	1.60	1.67
CMTK97-209	201	202	< 5	< 0.2	2.71	570	0.5	< 2	3.60	< 0.5	4	19	71	0.98	0.53	0.36
CMTK97-210	201	202	< 5	< 0.2	5.50	710	1.0	< 2	2.50	< 0.5	16	102	96	3.13	1.05	1.41
CMTK97-211	201	202	< 5	< 0.2	5.66	650	1.0	< 2	2.25	< 0.5	19	140	119	3.51	0.94	1.61

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 : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME

Certificate Date: 11-OCT-97
Invoice No. : I9745492
P.O. Number :
Account : GP W

CERTIFICATE OF ANALYSIS A9745492

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)
CMTK97-201	201 202	340	< 1	0.93	4	1720	< 2	256	0.08	18	< 10	28
CMTK97-202	201 202	570	< 1	1.11	19	1960	6	150	0.23	100	< 10	46
CMTK97-203	201 202	460	< 1	1.12	22	400	10	128	0.28	136	< 10	62
CMTK97-204	201 202	415	< 1	1.14	16	2180	6	262	0.15	47	< 10	36
CMTK97-205	201 202	375	< 1	1.24	35	1280	8	165	0.19	91	< 10	90
CMTK97-206	201 202	460	< 1	2.35	9	980	8	463	0.18	48	< 10	46
CMTK97-207	201 202	1145	< 1	1.59	18	2000	16	312	0.18	79	< 10	66
CMTK97-208	201 202	585	< 1	1.57	41	620	8	189	0.34	118	< 10	56
CMTK97-209	201 202	340	< 1	0.60	22	1620	4	271	0.07	24	< 10	22
CMTK97-210	201 202	880	< 1	1.07	46	2260	8	202	0.28	114	< 10	64
CMTK97-211	201 202	700	< 1	1.21	66	1470	6	203	0.31	120	< 10	78

CERTIFICATION: Stuart 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

A9745499

Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME ADDRESS

CERTIFICATE A9745499

(GP W) - WESTMIN RESOURCES LTD.

Project: 6409
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 11-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	150	Dry, sieve to -80 mesh
202	150	save reject
285	150	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	150	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	150	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	150	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	150	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	150	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	150	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	150	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	150	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	150	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	150	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	150	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	150	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	150	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	150	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	150	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	150	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	150	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	150	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	150	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	150	Pb ppm: 24 element, rock & core	AAS	2	10000
582	150	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	150	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	150	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	150	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	150	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

Page Number :1-A
Total Pages :4
Certificate Date: 11-OCT-97
Invoice No. :19745499
P.O. Number :
Account :GP W

Project : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME ADDRESS

CERTIFICATE OF ANALYSIS A9745499

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)
JTK97-100	201	202	< 5	< 0.2	6.33	1030	1.5	< 2	0.69	0.5	18	63	26	3.21	2.01	0.79
JTK97-101	201	202	< 5	0.4	7.05	1330	1.5	< 2	0.56	1.0	13	78	43	3.40	1.86	0.69
JTK97-102	201	202	< 5	< 0.2	6.55	980	1.0	< 2	1.29	0.5	4	29	23	1.72	1.93	0.51
JTK97-103	201	202	< 5	< 0.2	6.58	1380	1.5	2	0.42	< 0.5	6	75	25	3.04	1.99	1.00
JTK97-104	201	202	< 5	< 0.2	6.92	1500	1.5	2	1.17	0.5	10	84	34	3.02	2.08	1.04
JTK97-105	201	202	< 5	< 0.2	6.72	1080	1.5	< 2	0.58	0.5	5	65	19	3.16	1.81	0.74
JTK97-106	201	202	< 5	< 0.2	6.33	1240	1.5	2	0.46	0.5	7	65	23	3.10	1.93	0.90
JTK97-107	201	202	< 5	< 0.2	5.51	900	1.0	2	0.57	< 0.5	5	69	18	3.74	1.50	0.82
JTK97-108	201	202	< 5	< 0.2	6.32	1330	1.5	2	1.10	< 0.5	5	60	30	2.78	1.90	0.84
JTK97-109	201	202	< 5	< 0.2	6.51	1000	1.0	2	0.60	0.5	5	60	18	4.05	1.85	0.75
JTK97-110	201	202	< 5	< 0.2	5.82	890	1.0	2	0.63	< 0.5	3	53	16	3.71	1.67	0.58
JTK97-111	201	202	< 5	< 0.2	5.94	1170	1.0	< 2	0.44	< 0.5	1	52	15	1.88	1.68	0.56
JTK97-112	201	202	< 5	< 0.2	7.34	1580	1.5	< 2	0.56	0.5	5	76	28	3.09	2.57	0.77
JTK97-113	201	202	< 5	< 0.2	6.40	1290	1.5	2	0.23	< 0.5	3	74	20	5.07	2.03	0.77
JTK97-114	201	202	< 5	< 0.2	6.08	1190	1.5	< 2	0.60	0.5	9	63	28	4.13	1.75	0.76
JTK97-115	201	202	< 5	< 0.2	5.72	890	1.0	< 2	0.43	< 0.5	2	52	15	2.16	1.63	0.41
JTK97-116	201	202	< 5	0.4	5.84	1380	1.5	< 2	0.84	0.5	13	38	74	2.81	1.57	1.30
JTK97-117	201	202	< 5	< 0.2	7.02	1470	2.0	2	0.32	0.5	14	86	29	4.06	2.45	0.97
JTK97-118	201	202	< 5	< 0.2	5.99	1150	1.5	2	0.66	0.5	9	97	19	3.79	1.81	0.90
JTK97-119	201	202	< 5	< 0.2	6.61	1160	1.5	< 2	0.36	< 0.5	9	149	21	3.65	2.23	1.17
JTK97-120	201	202	< 5	< 0.2	6.19	1130	1.5	2	0.53	0.5	7	99	21	3.37	1.75	0.99
JTK97-121	201	202	< 5	< 0.2	6.42	1240	1.0	< 2	0.46	< 0.5	1	75	12	1.77	1.77	0.55
JTK97-122	201	202	< 5	< 0.2	7.12	1110	1.0	< 2	0.45	< 0.5	3	87	21	2.69	1.51	0.68
JTK97-123	201	202	< 5	< 0.2	6.06	1140	1.0	< 2	0.54	< 0.5	3	64	15	2.01	1.64	0.52
JTK97-124	201	202	< 5	< 0.2	6.61	1550	1.5	< 2	0.43	0.5	20	168	52	4.70	2.25	1.63
JTK97-125	201	202	< 5	< 0.2	6.04	1120	1.0	2	0.51	< 0.5	4	102	17	2.98	1.57	0.71
JTK97-126	201	202	< 5	< 0.2	5.68	970	1.0	< 2	0.36	< 0.5	8	139	19	5.15	1.56	0.92
JTK97-127	201	202	< 5	< 0.2	6.18	1050	1.5	< 2	0.31	< 0.5	4	66	18	3.82	1.90	0.65
JTK97-128	201	202	< 5	< 0.2	6.07	790	1.0	2	0.52	< 0.5	3	55	14	3.33	1.72	0.53
JTK97-129	201	202	< 5	< 0.2	6.59	740	1.0	< 2	0.90	< 0.5	4	46	19	3.93	1.68	0.62
JTK97-130	201	202	< 5	< 0.2	6.75	1070	1.5	< 2	0.30	< 0.5	5	64	20	3.99	2.09	0.70
JTK97-131	201	202	< 5	< 0.2	6.27	1020	0.5	< 2	0.76	< 0.5	7	84	30	4.37	1.48	0.99
JTK97-132	201	202	< 5	< 0.2	6.66	900	1.0	< 2	0.47	< 0.5	3	63	19	3.40	1.85	0.58
JTK97-133	201	202	< 5	< 0.2	7.84	1490	2.5	4	0.39	< 0.5	19	83	33	4.15	2.78	1.02
JTK97-134	201	202	< 5	< 0.2	7.28	1850	1.5	< 2	0.51	0.5	16	102	56	4.32	2.28	1.27
JTK97-135	201	202	< 5	< 0.2	6.48	1330	1.0	< 2	1.24	0.5	9	99	38	3.20	1.63	1.27
JTK97-136	201	202	< 5	< 0.2	6.22	1070	1.0	< 2	0.74	0.5	5	76	24	2.91	1.58	0.67
JTK97-137	201	202	< 5	< 0.2	6.16	1270	1.5	< 2	1.87	0.5	10	39	54	2.40	1.41	0.59
JTK97-138	201	202	< 5	< 0.2	8.28	1030	2.0	2	0.29	< 0.5	7	86	20	4.02	2.61	0.94
JTK97-139	201	202	< 5	< 0.2	6.25	1320	1.5	< 2	0.57	< 0.5	25	148	63	4.33	1.74	0.81

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

Page Number :1-B
Total Pages :4
Certificate Date: 11-OCT-97
Invoice No. :I9745499
P.O. Number :
Account :GP W

Project : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME ADDRESS

CERTIFICATE OF ANALYSIS A9745499

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)			
JTK97-100	201	202	725	< 1	1.42	32	1060	16	194	0.24	88	< 10	90			
JTK97-101	201	202	825	1	1.01	27	1810	20	128	0.26	124	< 10	94			
JTK97-102	201	202	410	1	2.55	12	920	8	440	0.20	46	< 10	44			
JTK97-103	201	202	300	1	1.20	28	510	10	131	0.27	107	< 10	80			
JTK97-104	201	202	650	1	1.41	41	1200	14	218	0.27	109	< 10	84			
JTK97-105	201	202	455	< 1	1.51	17	810	14	167	0.34	120	< 10	72			
JTK97-106	201	202	430	< 1	1.19	24	720	14	119	0.31	108	< 10	78			
JTK97-107	201	202	400	1	1.22	20	1010	12	104	0.30	113	< 10	64			
JTK97-108	201	202	290	< 1	1.14	24	830	12	180	0.25	105	< 10	92			
JTK97-109	201	202	385	< 1	1.42	17	1040	14	145	0.28	107	< 10	72			
JTK97-110	201	202	335	< 1	1.41	15	810	14	172	0.28	98	< 10	56			
JTK97-111	201	202	195	< 1	1.36	12	490	12	125	0.28	107	< 10	38			
JTK97-112	201	202	405	3	1.36	18	480	20	183	0.28	135	< 10	60			
JTK97-113	201	202	320	1	0.90	19	1120	18	73	0.25	136	< 10	66			
JTK97-114	201	202	635	< 1	1.27	24	920	16	145	0.30	113	< 10	76			
JTK97-115	201	202	200	1	1.22	11	740	10	140	0.29	103	< 10	40			
JTK97-116	201	202	955	< 1	1.06	32	890	10	133	0.26	95	< 10	102			
JTK97-117	201	202	840	1	0.92	37	720	20	78	0.25	117	< 10	100			
JTK97-118	201	202	775	1	1.23	38	880	20	131	0.27	104	< 10	74			
JTK97-119	201	202	335	< 1	1.14	62	490	18	88	0.31	105	< 10	72			
JTK97-120	201	202	355	1	1.33	41	500	14	130	0.34	108	< 10	72			
JTK97-121	201	202	235	< 1	1.38	17	410	10	138	0.38	120	< 10	40			
JTK97-122	201	202	250	< 1	1.30	21	610	12	125	0.45	159	< 10	66			
JTK97-123	201	202	255	< 1	1.55	13	410	8	156	0.52	120	< 10	46			
JTK97-124	201	202	840	< 1	1.04	87	1020	18	69	0.39	137	< 10	114			
JTK97-125	201	202	320	< 1	1.31	24	820	12	109	0.44	146	< 10	50			
JTK97-126	201	202	400	< 1	1.01	49	2020	14	87	0.30	125	< 10	64			
JTK97-127	201	202	470	1	0.93	20	1080	16	94	0.30	110	< 10	64			
JTK97-128	201	202	265	< 1	1.32	13	990	14	155	0.31	118	< 10	50			
JTK97-129	201	202	570	1	1.93	12	1310	10	260	0.28	104	< 10	54			
JTK97-130	201	202	270	1	0.97	20	530	12	81	0.30	127	< 10	68			
JTK97-131	201	202	550	< 1	1.74	28	1020	12	173	0.29	124	< 10	64			
JTK97-132	201	202	300	< 1	1.34	13	1420	12	105	0.35	110	< 10	50			
JTK97-133	201	202	945	< 1	0.99	33	850	32	88	0.39	97	< 10	94			
JTK97-134	201	202	1205	2	1.17	40	920	22	99	0.38	135	< 10	94			
JTK97-135	201	202	630	1	1.76	31	880	10	191	0.32	124	< 10	72			
JTK97-136	201	202	635	< 1	1.58	17	1430	12	144	0.37	142	< 10	64			
JTK97-137	201	202	1950	1	1.66	17	2090	10	328	0.20	67	< 10	88			
JTK97-138	201	202	345	< 1	1.06	29	630	18	78	0.34	98	< 10	80			
JTK97-139	201	202	1765	< 1	1.14	49	1320	18	152	0.43	147	< 10	80			

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

Page Number :2-A
Total Pages :4
Certificate Date: 11-OCT-97
Invoice No. :19745499
P.O. Number :
Account :GP W

Project : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME ADDRESS

CERTIFICATE OF ANALYSIS A9745499

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)
JTK97-140	201	202	20	< 0.2	5.75	1670	2.0	< 2	0.54	1.5	41	254	191	7.04	1.69	1.00
JTK97-141	201	202	< 5	< 0.2	5.94	1270	1.5	2	0.48	< 0.5	18	132	50	4.22	1.74	0.86
JTK97-142	201	202	< 5	< 0.2	6.23	1010	1.5	2	0.51	< 0.5	8	76	26	3.96	1.88	0.82
JTK97-143	201	202	< 5	< 0.2	5.93	880	1.0	< 2	0.55	< 0.5	5	72	22	3.46	1.46	0.78
JTK97-144	201	202	< 5	< 0.2	6.41	760	0.5	< 2	0.82	< 0.5	3	49	17	2.85	1.59	0.59
JTK97-145	201	202	< 5	< 0.2	6.16	830	1.0	2	0.56	< 0.5	3	57	19	2.93	1.74	0.54
JTK97-146	201	202	< 5	< 0.2	5.75	920	1.0	< 2	0.44	< 0.5	3	66	14	2.23	1.63	0.58
JTK97-147	201	202	< 5	< 0.2	5.69	1060	1.0	2	0.53	< 0.5	13	61	32	3.21	1.66	0.76
JTK97-148	201	202	< 5	< 0.2	5.95	1120	1.5	< 2	0.47	0.5	15	97	30	3.57	1.83	0.90
JTK97-149	201	202	< 5	< 0.2	5.84	880	1.0	< 2	0.78	0.5	6	69	36	2.34	1.60	0.60
JTK97-150	201	202	< 5	< 0.2	9.47	1940	3.0	< 2	0.11	0.5	26	100	53	4.87	3.58	1.13
JTK97-151	201	202	< 5	< 0.2	5.80	1000	1.5	< 2	0.66	< 0.5	14	80	30	3.22	1.62	0.89
JTK97-152	201	202	< 5	< 0.2	5.55	730	1.0	< 2	0.57	< 0.5	8	90	37	4.25	1.23	0.71
JTK97-153	201	202	< 5	< 0.2	6.13	1010	1.0	< 2	0.77	< 0.5	20	215	42	4.59	1.31	1.18
JTK97-154	201	202	< 5	< 0.2	5.64	1110	0.5	< 2	0.43	0.5	14	145	41	3.99	1.41	0.97
JTK97-155	201	202	< 5	< 0.2	5.88	1300	1.5	2	0.62	0.5	23	216	40	3.66	1.48	0.98
JTK97-156	201	202	< 5	< 0.2	5.75	890	1.5	< 2	0.54	0.5	12	105	25	3.10	1.57	0.87
JTK97-157	201	202	< 5	< 0.2	5.25	1020	0.5	2	0.63	< 0.5	6	105	24	2.76	1.24	0.81
JTK97-158	201	202	< 5	< 0.2	5.55	1010	1.0	< 2	0.56	0.5	7	101	27	3.21	1.24	0.80
JTK97-159	201	202	< 5	< 0.2	4.53	860	0.5	< 2	0.54	< 0.5	3	90	15	2.17	0.96	0.58
JTK97-160	201	202	< 5	< 0.2	5.85	1180	1.0	< 2	0.79	< 0.5	13	106	32	3.12	1.37	0.92
JTK97-161	201	202	< 5	< 0.2	5.97	1190	1.0	< 2	0.55	< 0.5	11	106	38	3.44	1.54	0.93
JTK97-162	201	202	< 5	< 0.2	5.97	1060	1.0	< 2	0.70	0.5	11	72	28	3.33	1.45	0.68
JTK97-163	201	202	< 5	< 0.2	6.46	1290	1.5	< 2	0.81	0.5	12	86	43	3.56	1.56	1.07
JTK97-164	201	202	< 5	< 0.2	5.78	810	1.0	< 2	0.73	0.5	3	57	13	2.31	1.46	0.63
JTK97-165	201	202	< 5	< 0.2	6.93	1170	1.5	< 2	0.70	0.5	8	72	23	3.96	2.00	0.91
JTK97-166	201	202	< 5	< 0.2	8.12	1550	2.0	< 2	0.55	< 0.5	5	73	23	3.03	2.93	0.61
JTK97-167	201	202	< 5	< 0.2	6.95	1110	2.0	< 2	0.43	< 0.5	17	106	28	4.04	2.10	0.92
JTK97-168	201	202	< 5	< 0.2	6.81	990	1.5	4	0.49	0.5	9	75	22	3.99	2.12	0.77
JTK97-169	201	202	< 5	< 0.2	6.88	920	1.5	< 2	0.52	< 0.5	4	74	15	2.23	1.96	0.55
JTK97-170	201	202	< 5	< 0.2	5.94	960	1.0	< 2	0.76	< 0.5	6	89	15	3.50	1.52	0.78
JTK97-171	201	202	< 5	< 0.2	5.73	890	1.0	< 2	0.70	< 0.5	10	100	20	3.60	1.43	0.85
JTK97-172	201	202	< 5	< 0.2	5.54	920	1.0	< 2	0.71	0.5	9	132	20	3.94	1.33	0.94
JTK97-173	201	202	< 5	< 0.2	6.24	840	1.0	< 2	0.82	< 0.5	6	87	14	3.24	1.58	0.82
JTK97-174	201	202	< 5	< 0.2	6.09	830	1.0	< 2	0.54	0.5	11	145	12	4.40	1.41	0.95
JTK97-175	201	202	< 5	< 0.2	5.74	810	1.0	< 2	0.70	< 0.5	6	85	15	2.94	1.51	0.78
JTK97-176	201	202	< 5	< 0.2	6.45	1070	1.5	< 2	0.69	< 0.5	11	101	18	4.18	1.63	0.94
JTK97-177	201	202	< 5	< 0.2	7.27	910	1.5	< 2	0.57	0.5	7	72	18	4.06	2.12	0.80
JTK97-178	201	202	< 5	< 0.2	6.29	770	1.0	2	0.55	< 0.5	3	61	14	2.97	1.76	0.53
JTK97-179	201	202	< 5	< 0.2	6.61	940	1.5	< 2	0.59	< 0.5	8	80	18	3.53	1.64	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

Certificate Date: 11-OCT-97
Invoice No. : I9745499
P.O. Number :
Account : GP W

Project : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME ADDRESS

CERTIFICATE OF ANALYSIS A9745499

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)			
JTK97-140	201	202	2580	12	0.47	100	3710	36	258	0.58	404	< 10	214			
JTK97-141	201	202	1160	1	1.13	43	1090	14	119	0.49	108	< 10	76			
JTK97-142	201	202	760	< 1	1.29	25	1700	12	138	0.34	116	< 10	74			
JTK97-143	201	202	465	1	1.31	19	890	10	122	0.38	116	< 10	56			
JTK97-144	201	202	425	< 1	1.84	11	920	10	230	0.35	112	< 10	48			
JTK97-145	201	202	315	1	1.53	13	960	8	191	0.32	100	< 10	48			
JTK97-146	201	202	270	1	1.20	14	600	10	114	0.39	108	< 10	40			
JTK97-147	201	202	940	3	1.32	24	1050	12	161	0.31	93	< 10	64			
JTK97-148	201	202	1180	1	1.17	32	810	18	112	0.29	116	< 10	72			
JTK97-149	201	202	375	1	1.71	22	1210	10	243	0.26	105	< 10	52			
JTK97-150	201	202	835	1	0.45	40	880	44	35	0.40	136	< 10	144			
JTK97-151	201	202	910	1	1.48	34	580	14	140	0.34	105	< 10	72			
JTK97-152	201	202	785	1	1.23	31	860	14	122	0.36	124	< 10	56			
JTK97-153	201	202	1110	< 1	1.51	84	800	12	112	0.36	140	< 10	88			
JTK97-154	201	202	1915	< 1	1.26	67	2070	12	97	0.28	122	< 10	92			
JTK97-155	201	202	1345	1	1.45	84	650	12	105	0.30	117	< 10	76			
JTK97-156	201	202	515	< 1	1.41	44	440	12	99	0.30	96	< 10	64			
JTK97-157	201	202	390	< 1	1.47	42	460	8	120	0.33	105	< 10	52			
JTK97-158	201	202	390	< 1	1.43	41	340	10	100	0.34	103	< 10	56			
JTK97-159	201	202	255	< 1	1.25	27	360	8	95	0.32	99	< 10	34			
JTK97-160	201	202	700	< 1	1.69	49	440	10	144	0.35	111	< 10	60			
JTK97-161	201	202	575	< 1	1.47	49	410	8	112	0.31	118	< 10	72			
JTK97-162	201	202	1015	< 1	1.68	22	1050	8	164	0.34	114	< 10	58			
JTK97-163	201	202	675	2	1.68	35	780	10	152	0.40	132	< 10	84			
JTK97-164	201	202	320	< 1	1.70	14	480	8	184	0.35	115	< 10	42			
JTK97-165	201	202	620	< 1	1.60	22	950	14	167	0.38	120	< 10	66			
JTK97-166	201	202	200	1	0.64	21	1000	20	95	0.34	116	< 10	94			
JTK97-167	201	202	875	< 1	1.07	43	590	24	88	0.33	107	< 10	80			
JTK97-168	201	202	375	< 1	1.27	28	560	20	123	0.35	95	< 10	74			
JTK97-169	201	202	220	< 1	1.27	16	650	14	133	0.35	97	< 10	44			
JTK97-170	201	202	400	1	1.51	29	550	12	152	0.35	124	< 10	56			
JTK97-171	201	202	690	< 1	1.40	41	850	18	136	0.31	118	< 10	60			
JTK97-172	201	202	655	< 1	1.32	48	750	12	124	0.34	123	< 10	70			
JTK97-173	201	202	385	< 1	1.66	30	470	12	187	0.34	109	< 10	52			
JTK97-174	201	202	465	< 1	1.21	42	910	10	97	0.35	138	< 10	64			
JTK97-175	201	202	395	< 1	1.40	26	1280	12	154	0.33	109	< 10	52			
JTK97-176	201	202	830	1	1.50	34	980	14	123	0.38	137	< 10	78			
JTK97-177	201	202	415	< 1	1.27	23	910	14	151	0.26	91	< 10	62			
JTK97-178	201	202	280	3	1.28	15	640	12	156	0.38	104	< 10	40			
JTK97-179	201	202	415	1	1.37	32	500	14	146	0.33	118	< 10	70			

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

Page Number :3-A
Total Pages :4
Certificate Date: 11-OCT-97
Invoice No. :19745499
P.O. Number :
Account :GP W

Project : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME ADDRESS

CERTIFICATE OF ANALYSIS A9745499

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)
JTK97-180	201	202	< 5	< 0.2	7.29	1840	2.0	< 2	1.49	0.5	7	71	50	3.13	1.82	0.80
JTK97-181	201	202	< 5	< 0.2	7.01	1490	1.5	< 2	1.57	< 0.5	4	31	26	2.14	1.87	0.63
JTK97-182	201	202	< 5	< 0.2	5.68	900	1.0	< 2	0.62	< 0.5	4	70	12	3.23	1.56	0.63
JTK97-183	201	202	< 5	< 0.2	7.03	1010	1.5	< 2	0.48	0.5	6	92	20	4.08	1.95	0.89
JTK97-184	201	202	< 5	< 0.2	5.86	1310	1.0	< 2	0.67	0.5	5	84	17	3.37	1.57	0.73
JTK97-185	201	202	< 5	< 0.2	6.10	1080	1.5	< 2	0.77	< 0.5	10	106	20	3.26	1.54	0.97
JTK97-186	201	202	< 5	< 0.2	5.28	3990	1.5	< 2	0.80	0.5	6	82	21	2.50	1.43	0.76
JTK97-187	201	202	< 5	< 0.2	5.47	1350	1.5	< 2	0.90	< 0.5	8	89	20	2.54	1.49	0.86
JTK97-188	201	202	< 5	< 0.2	6.57	1070	1.0	< 2	1.33	< 0.5	7	25	25	2.07	1.70	0.57
JTK97-189	201	202	< 5	< 0.2	5.95	1200	1.0	< 2	1.02	< 0.5	10	99	34	3.08	1.41	1.00
JTK97-190	201	202	< 5	< 0.2	5.75	1000	1.0	< 2	0.84	< 0.5	7	75	30	2.99	1.39	0.83
JTK97-191	201	202	< 5	< 0.2	5.76	860	1.0	< 2	0.68	< 0.5	4	67	24	3.20	1.39	0.62
JTK97-192	201	202	< 5	< 0.2	6.46	1080	1.0	< 2	0.87	0.5	4	57	19	2.86	1.63	0.78
JTK97-193	201	202	< 5	< 0.2	6.15	1010	1.0	< 2	0.86	< 0.5	13	99	33	4.43	1.43	1.05
JTK97-194	201	202	< 5	< 0.2	5.50	890	0.5	< 2	0.67	< 0.5	4	62	16	3.28	1.47	0.55
JTK97-195	201	202	< 5	< 0.2	6.20	1060	1.0	< 2	0.74	0.5	7	85	24	3.11	1.59	0.86
JTK97-196	201	202	< 5	0.6	5.67	830	1.0	< 2	0.90	0.5	12	130	18	4.32	1.31	1.22
JTK97-197	201	202	< 5	< 0.2	5.93	750	0.5	< 2	0.95	0.5	9	162	15	4.41	1.23	1.00
JTK97-198	201	202	< 5	< 0.2	5.72	800	1.0	< 2	1.15	< 0.5	10	110	18	3.51	1.43	1.15
JTK97-199	201	202	< 5	< 0.2	5.86	850	1.0	< 2	0.68	0.5	8	105	16	3.85	1.39	0.72
JTK97-200	201	202	< 5	< 0.2	5.76	990	1.5	< 2	0.98	< 0.5	11	109	20	3.23	1.48	1.22
JTK97-201	201	202	< 5	< 0.2	5.73	1030	1.5	< 2	0.74	0.5	7	80	20	2.98	1.72	0.76
JTK97-202	201	202	< 5	< 0.2	5.70	1020	1.5	< 2	0.59	0.5	6	74	19	2.79	1.48	0.62
JTK97-203	201	202	< 5	< 0.2	5.33	930	1.5	< 2	0.67	0.5	5	67	15	2.62	1.60	0.68
JTK97-204	201	202	< 5	< 0.2	5.77	880	1.5	< 2	0.71	< 0.5	7	94	16	2.93	1.53	0.79
JTK97-205	201	202	< 5	< 0.2	6.26	850	1.0	< 2	0.71	0.5	6	79	17	3.06	1.61	0.69
JTK97-206	201	202	< 5	< 0.2	6.24	870	1.5	< 2	0.60	0.5	7	104	22	3.60	1.43	0.77
JTK97-207	201	202	< 5	< 0.2	6.28	840	1.5	< 2	0.70	0.5	5	69	25	2.98	1.40	0.58
JTK97-208	201	202	< 5	< 0.2	5.51	940	1.5	< 2	0.86	< 0.5	9	91	21	2.65	1.54	0.89
JTK97-209	201	202	< 5	< 0.2	5.81	870	1.5	< 2	0.77	0.5	14	106	27	3.30	1.54	0.95
JTK97-210	201	202	< 5	< 0.2	5.68	920	1.5	< 2	0.80	0.5	9	88	18	2.64	1.54	0.89
JTK97-211	201	202	< 5	< 0.2	5.05	760	0.5	< 2	0.61	< 0.5	2	68	12	2.08	1.43	0.50
JTK97-212	201	202	< 5	< 0.2	6.18	870	1.5	< 2	0.74	0.5	7	96	15	3.28	1.55	0.90
JTK97-213	201	202	< 5	< 0.2	5.97	880	1.0	< 2	0.89	0.5	5	73	19	2.84	1.61	0.78
JTK97-214	201	202	< 5	< 0.2	6.01	920	1.5	< 2	1.01	< 0.5	8	80	13	2.95	1.62	0.86
JTK97-215	201	202	< 5	< 0.2	5.76	860	1.0	< 2	0.63	0.5	4	70	11	2.86	1.46	0.57
JTK97-216	201	202	< 5	< 0.2	6.02	970	1.5	< 2	0.67	0.5	5	84	17	2.99	1.54	0.68
JTK97-217	201	202	< 5	< 0.2	5.55	890	1.0	< 2	0.63	0.5	5	86	16	2.98	1.59	0.69
JTK97-218	201	202	< 5	< 0.2	5.79	1130	1.5	< 2	0.83	0.5	10	96	15	2.66	1.67	0.95
JTK97-219	201	202	< 5	< 0.2	6.79	1100	1.5	< 2	0.70	< 0.5	6	93	15	2.56	2.05	0.85

CERTIFICATION: Ian Pontier

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

Page Number :3-B
Total Pages :4
Certificate Date: 11-OCT-97
Invoice No. : I9745499
P.O. Number :
Account :GP W

Project : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME ADDRESS

CERTIFICATE OF ANALYSIS A9745499

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)			
JTK97-180	201	202	550	1	1.69	41	1360	16	325	0.20	115	< 10	76			
JTK97-181	201	202	475	2	2.49	20	1200	10	465	0.20	58	< 10	60			
JTK97-182	201	202	340	< 1	1.35	20	480	12	154	0.38	114	< 10	50			
JTK97-183	201	202	435	< 1	1.22	27	600	16	105	0.41	119	< 10	70			
JTK97-184	201	202	655	< 1	1.28	24	670	16	142	0.44	158	< 10	56			
JTK97-185	201	202	540	< 1	1.39	48	640	16	149	0.33	122	< 10	76			
JTK97-186	201	202	370	< 1	1.49	33	600	12	165	0.32	99	< 10	60			
JTK97-187	201	202	500	< 1	1.59	37	490	14	177	0.35	99	< 10	56			
JTK97-188	201	202	660	< 1	2.13	12	1790	10	403	0.22	60	< 10	50			
JTK97-189	201	202	550	< 1	1.66	34	680	12	168	0.39	120	< 10	68			
JTK97-190	201	202	465	< 1	1.53	27	980	12	170	0.36	113	< 10	60			
JTK97-191	201	202	370	< 1	1.45	17	1150	12	162	0.41	126	< 10	46			
JTK97-192	201	202	380	1	1.79	18	840	12	223	0.44	122	< 10	52			
JTK97-193	201	202	870	< 1	1.46	38	1980	18	162	0.40	137	< 10	74			
JTK97-194	201	202	360	< 1	1.53	16	1260	12	175	0.46	142	< 10	46			
JTK97-195	201	202	480	< 1	1.62	34	880	12	180	0.32	111	< 10	60			
JTK97-196	201	202	775	< 1	1.44	51	1350	12	141	0.39	143	< 10	72			
JTK97-197	201	202	665	< 1	1.82	36	1230	12	147	0.65	215	< 10	50			
JTK97-198	201	202	625	< 1	1.76	47	780	12	208	0.33	115	< 10	56			
JTK97-199	201	202	1240	< 1	1.55	28	1100	12	140	0.44	149	< 10	70			
JTK97-200	201	202	610	< 1	1.43	58	870	8	154	0.33	112	< 10	68			
JTK97-201	201	202	440	< 1	1.30	32	860	8	156	0.37	116	< 10	76			
JTK97-202	201	202	550	1	1.15	27	1570	8	144	0.31	122	< 10	70			
JTK97-203	201	202	350	< 1	1.25	22	650	8	146	0.31	105	< 10	56			
JTK97-204	201	202	400	< 1	1.38	31	820	8	146	0.34	113	< 10	60			
JTK97-205	201	202	400	1	1.42	25	1190	10	181	0.35	117	< 10	62			
JTK97-206	201	202	430	< 1	1.22	43	1280	10	126	0.34	121	< 10	68			
JTK97-207	201	202	705	< 1	1.43	20	3080	10	194	0.29	109	< 10	60			
JTK97-208	201	202	540	< 1	1.45	35	500	18	152	0.37	102	< 10	56			
JTK97-209	201	202	740	1	1.38	41	490	14	133	0.37	112	< 10	66			
JTK97-210	201	202	495	1	1.43	33	510	10	153	0.37	102	< 10	56			
JTK97-211	201	202	285	< 1	1.17	14	1250	10	138	0.35	107	< 10	38			
JTK97-212	201	202	430	< 1	1.36	30	1060	12	141	0.37	118	< 10	78			
JTK97-213	201	202	425	< 1	1.51	29	870	10	221	0.31	103	< 10	56			
JTK97-214	201	202	460	< 1	1.52	30	790	14	181	0.35	110	< 10	82			
JTK97-215	201	202	330	< 1	1.26	20	710	12	139	0.33	115	< 10	56			
JTK97-216	201	202	380	1	1.22	26	960	18	134	0.37	120	< 10	66			
JTK97-217	201	202	365	< 1	1.22	27	900	12	133	0.32	115	< 10	108			
JTK97-218	201	202	685	< 1	1.37	39	610	10	142	0.32	92	< 10	64			
JTK97-219	201	202	365	< 1	1.40	29	430	12	130	0.34	90	< 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

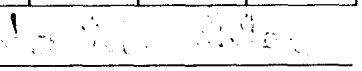
To: WESTMIN RESOURCES LTD.
PROJECT: WOLVERINE
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Page Number :4-A
Total Pages :4
Certificate Date: 11-OCT-97
Invoice No. :I9745499
P.O. Number :
Account :GP W

Project : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME ADDRESS

CERTIFICATE OF ANALYSIS A9745499

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)
JTK97-220	201	202	< 5	< 0.2	8.08	1090	1.5	< 2	1.62	0.5	4	80	21	2.12	2.31	0.65
JTK97-221	201	202	< 5	< 0.2	6.34	1100	1.5	< 2	0.75	< 0.5	6	85	11	2.55	1.89	0.85
JTK97-222	201	202	< 5	< 0.2	6.58	970	1.5	< 2	0.92	< 0.5	5	62	13	2.24	1.83	0.72
JTK97-223	201	202	< 5	< 0.2	8.41	1250	2.0	< 2	0.79	0.5	9	86	27	4.15	2.24	0.88
JTK97-224	201	202	< 5	< 0.2	7.29	1350	2.0	< 2	0.83	< 0.5	8	77	25	3.38	1.87	0.91
JTK97-225	201	202	< 5	< 0.2	6.77	1170	2.0	< 2	0.67	< 0.5	8	81	17	2.99	2.14	0.90
JTK97-226	201	202	< 5	< 0.2	6.91	1150	1.5	< 2	0.89	< 0.5	7	85	18	2.75	1.94	0.89
JTK97-227	201	202	< 5	< 0.2	6.47	1070	1.5	< 2	0.77	< 0.5	5	78	11	2.60	1.87	0.88
JTK97-228	201	202	< 5	< 0.2	6.55	1090	1.5	< 2	0.90	< 0.5	8	82	15	2.62	1.79	0.87
JTK97-229	201	202	< 5	< 0.2	6.27	1120	1.5	< 2	0.90	< 0.5	8	80	15	2.42	1.80	0.89
JTK97-230	201	202	< 5	< 0.2	6.69	1000	1.5	< 2	1.11	< 0.5	6	57	16	2.09	1.96	0.70
JTK97-231	201	202	< 5	< 0.2	6.31	1050	1.5	< 2	0.94	< 0.5	6	72	14	2.46	1.90	0.81
JTK97-232	201	202	< 5	< 0.2	6.03	960	1.5	< 2	0.77	< 0.5	6	72	13	2.64	1.81	0.78
JTK97-233	201	202	< 5	< 0.2	6.40	1010	1.5	< 2	0.75	0.5	9	78	20	3.14	1.84	0.89
JTK97-234	201	202	< 5	< 0.2	6.37	980	1.5	< 2	0.74	0.5	10	88	20	3.42	1.65	0.94
JTK97-235	201	202	< 5	< 0.2	6.94	1120	2.0	< 2	0.95	< 0.5	11	85	20	3.25	1.97	0.99
JTK97-236	201	202	< 5	< 0.2	6.18	1000	1.5	< 2	0.88	< 0.5	7	84	15	2.64	1.76	0.91
JTK97-237	201	202	< 5	< 0.2	6.42	970	1.5	< 2	0.66	0.5	8	99	17	2.88	2.00	0.86
JTK97-238	201	202	< 5	< 0.2	6.37	970	1.5	< 2	0.69	0.5	6	76	17	2.72	2.06	0.76
JTK97-239	201	202	< 5	< 0.2	6.30	940	1.5	< 2	0.75	< 0.5	5	65	15	2.79	1.90	0.75
JTK97-240	201	202	< 5	< 0.2	6.41	890	1.5	< 2	0.66	< 0.5	4	62	11	2.74	1.75	0.62
JTK97-241	201	202	< 5	< 0.2	6.71	910	1.5	< 2	0.75	0.5	4	65	14	2.87	1.87	0.67
JTK97-242	201	202	< 5	< 0.2	6.20	890	1.0	2	0.65	0.5	6	86	18	3.23	1.65	0.77
JTK97-243	201	202	< 5	< 0.2	6.37	930	1.5	2	0.72	0.5	9	93	18	4.03	1.74	0.91
JTK97-244	201	202	< 5	< 0.2	7.23	860	1.5	< 2	0.36	0.5	8	91	21	4.15	2.06	0.81
JTK97-245	201	202	< 5	< 0.2	5.83	890	0.5	< 2	0.62	1.5	3	77	17	1.95	1.34	0.50
JTK97-246	201	202	< 5	1.0	8.74	1510	2.5	< 2	1.15	< 0.5	16	134	84	4.90	2.09	1.17
JTK97-247	201	202	< 5	< 0.2	6.70	990	1.5	< 2	0.81	0.5	9	95	19	3.33	1.91	1.13
JTK97-248	201	202	< 5	< 0.2	6.60	990	1.5	< 2	0.87	0.5	11	119	25	3.41	1.71	1.11
JTK97-249	201	202	< 5	< 0.2	6.66	960	1.5	< 2	0.61	0.5	12	86	21	3.30	1.89	0.93

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

Page Number :4-B
Total Pages :4
Certificate Date: 11-OCT-97
Invoice No. :I9745499
P.O. Number :
Account :GP W

Project : 6409
Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE CC: SAME ADDRESS

CERTIFICATE OF ANALYSIS A9745499

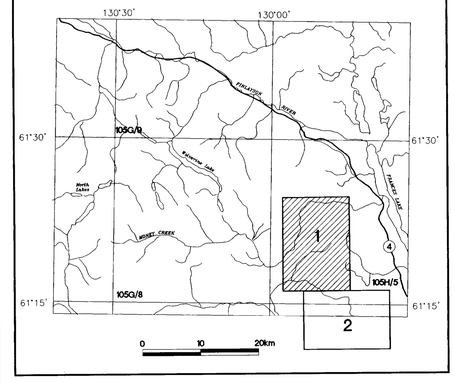
SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
JTK97-220	201	202	360	2	2.60	27	540	10	520	0.20	57	< 10	60			
JTK97-221	201	202	425	< 1	1.43	28	440	12	143	0.37	88	< 10	62			
JTK97-222	201	202	320	< 1	1.73	19	690	10	229	0.33	81	< 10	50			
JTK97-223	201	202	670	1	1.30	35	1660	16	204	0.28	133	< 10	118			
JTK97-224	201	202	455	1	1.32	34	1070	12	160	0.31	107	< 10	76			
JTK97-225	201	202	550	< 1	1.25	29	440	16	132	0.42	94	< 10	84			
JTK97-226	201	202	415	< 1	1.34	31	970	12	169	0.34	96	< 10	100			
JTK97-227	201	202	300	< 1	1.36	24	430	12	152	0.38	101	< 10	54			
JTK97-228	201	202	390	< 1	1.56	29	760	12	190	0.38	106	< 10	64			
JTK97-229	201	202	440	< 1	1.50	31	630	10	182	0.38	98	< 10	56			
JTK97-230	201	202	410	< 1	1.85	23	600	10	289	0.28	78	< 10	52			
JTK97-231	201	202	390	< 1	1.55	26	610	12	186	0.33	98	< 10	56			
JTK97-232	201	202	395	< 1	1.46	24	550	14	164	0.34	99	< 10	66			
JTK97-233	201	202	500	2	1.50	34	530	14	166	0.38	109	< 10	76			
JTK97-234	201	202	510	< 1	1.46	35	290	16	154	0.37	106	< 10	70			
JTK97-235	201	202	580	< 1	1.56	33	490	12	215	0.39	107	< 10	66			
JTK97-236	201	202	425	< 1	1.55	30	460	12	173	0.36	98	< 10	56			
JTK97-237	201	202	415	< 1	1.31	35	500	14	132	0.34	98	< 10	64			
JTK97-238	201	202	335	< 1	1.35	28	590	12	144	0.32	97	< 10	80			
JTK97-239	201	202	345	< 1	1.44	23	740	12	191	0.30	96	< 10	58			
JTK97-240	201	202	285	< 1	1.36	17	370	12	164	0.36	106	< 10	62			
JTK97-241	201	202	300	< 1	1.50	18	450	12	208	0.33	106	< 10	70			
JTK97-242	201	202	385	< 1	1.33	28	610	14	147	0.32	115	< 10	58			
JTK97-243	201	202	460	< 1	1.30	36	460	14	150	0.36	118	< 10	70			
JTK97-244	201	202	400	< 1	1.06	28	770	24	82	0.35	113	< 10	74			
JTK97-245	201	202	225	< 1	1.24	20	1010	12	152	0.30	106	< 10	58			
JTK97-246	201	202	1000	< 1	0.45	80	1580	22	131	0.20	139	< 10	120			
JTK97-247	201	202	465	< 1	1.49	34	440	14	154	0.35	112	< 10	70			
JTK97-248	201	202	455	< 1	1.41	60	460	12	166	0.37	116	< 10	68			
JTK97-249	201	202	495	< 1	1.36	38	380	16	131	0.37	103	< 10	322			

CERTIFICATION:

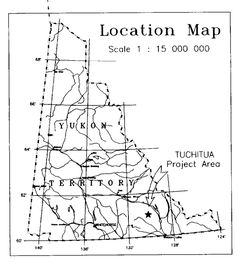
APPENDIX G

OVERSIZE FIGURES

INDEX MAP



UTM GRID NORTH



LEGEND

Symbols

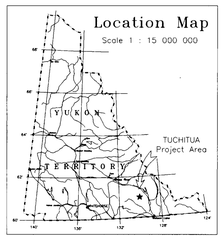
- Lake
- Creek
- 1200 Topographic Contours (100m intervals)

093799

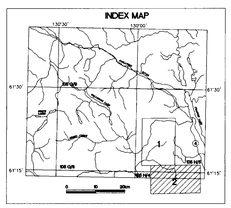
	Westmin Resources Limited
Work By: D. Terry	TUCHITUA PROJECT
Date Drafted: Nov. 29, 1996	Claim Map - Northern Tack
Drafted By: J.M. Klein	
Date Revised: Jan. 29, 1997	
Revised By: A. Turner	
N.T.S. Number: 105 H/5	400 0 400 800 1200m
File Name: SHEET_1.dwg	SCALE 1 : 20,000
	Figure 3.2



Location Map
Scale 1 : 15 000 000



INDEX MAP



UTM
GRID
NORTH

N

LEGEND

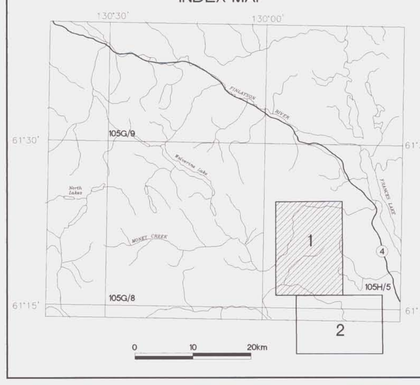
Symbols

Lake
Creek
1200 Topographic Contours (100m intervals)

WESTMIN	Westmin Resources Limited
Work By: D. Terry	TUCHITUA PROJECT
Date Drafted: Nov. 29, 1996	Claim Map - Southern Tack
Drafted By: J.M. Klein	SHEET 2
Date Revised: Dec. 2, 1997	093799
Revised By: J.K. & A.T.	400 0 400 800 1200m
N.T.S. Number: 105 H/4 & 5	SCALE 1 : 20,000
File Name: SHEET_2.dwg	Figure 3.3



INDEX MAP



UTM GRID NORTH

LEGEND

Symbols

- Lake
- Creek
- 1200 Topographic Contours (100m intervals)
- Lithological Contact (defined, inferred)
- Fault Contact (defined, inferred)
- Shear Zone
- Outcrop
- Talus, float
- Trench
- Bedding
- 080 Foliation
- Lineation
- Fold Axis
- Joint

Geological Symbols

Intrusive Rocks

UM	Ultramafic
DN	Dunite
GB	Gabbro
DI	Diorite
SY	Syenite
MZ	Monzonite
GD	Granodiorite
G	Granite

Volcanic Rocks

B	Basalt
A	Andesite
D	Dacite
RD	Rhyodacite
R	Rhyolite

Mineral Prefixes

q	quartz
qe	quartz-eye
s	sericite
c	chlorite
m	muscovite
b	biotite
gr	graphite
f	feldspar
serp	serpentine
cr	carbonaceous

Volcanic Modifiers

f	flow
t	tuff
xt	crystal tuff
lt	lapilli tuff
dt	dust tuff
bx	breccia
tbx	tuff breccia
amyg	amygdaloidal
aph	aphyric

Sedimentary Rocks

CG	Conglomerate
GT	Grit
SS	Sandstone
AR	Arenite
LS	Limestone
SH	Shale
MS	Mudstone
ARG	Argillite
J	Jasper
CH	Chert

Metamorphic Rocks

PH	Phyllite
S	Schist
GN	Gneiss
QTZ	Quartzite

Volcanic/Intrusive Modifiers

P	Porphyry

Mineralization

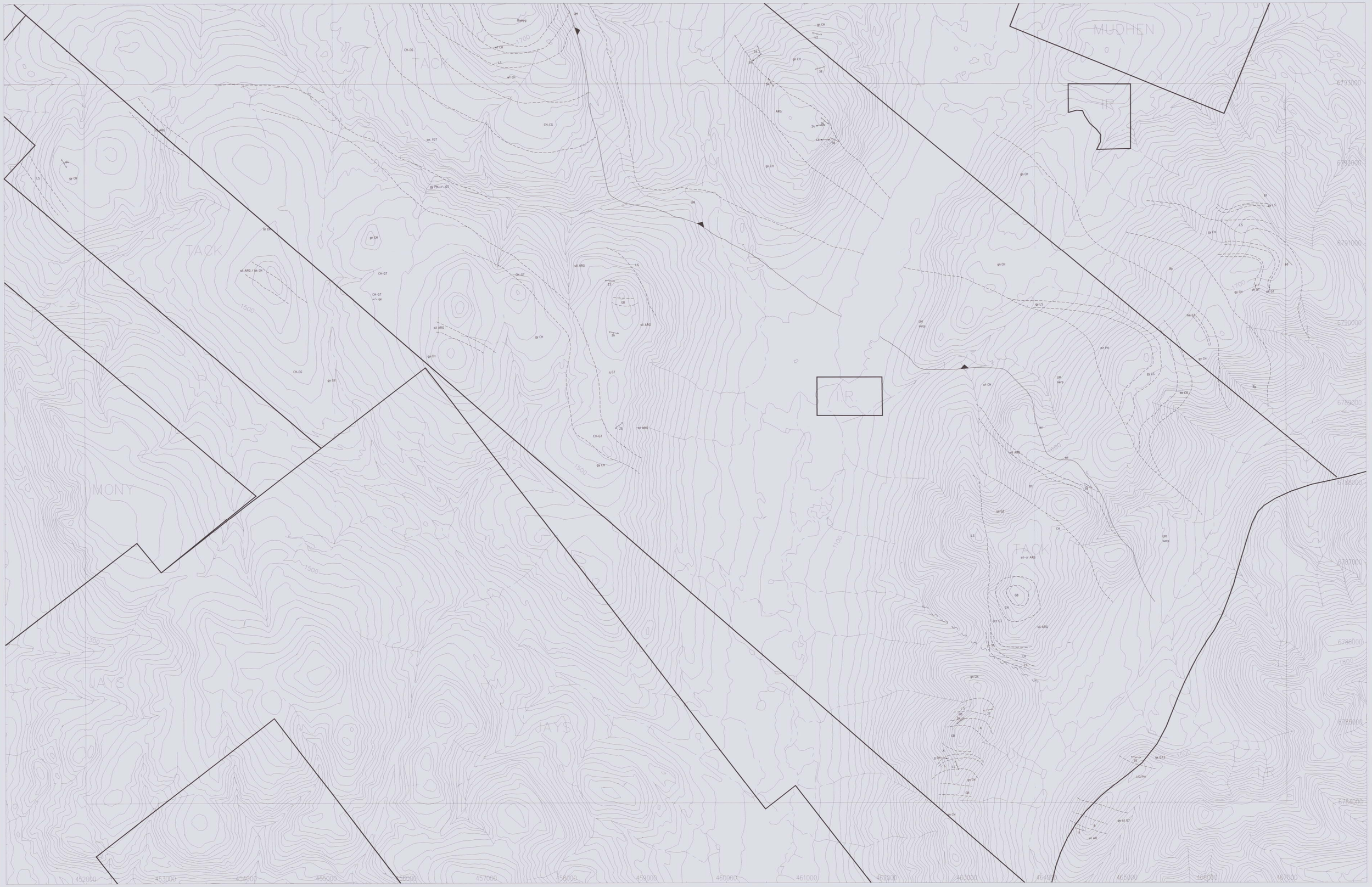
po	pyrrhotite
py	pyrite
cp	chalcopyrite
sp	sphalerite
gl	galena
az	azurite
mi	malachite
hm	hematite
mt	magnetite
rd	rhodonite
rc	rhodochrosite
Ba	Barite
Baex	Barite exhalite
Qex	Quartz exhalite
Mnox	Manganese oxide

Colours

gy	grey
bk	black
gn	green
bn	brown
bf	buff

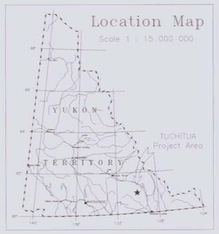
093799

WESTMIN	Westmin Resources Limited
Work By: D. Terry	TUCHITUA PROJECT
Date Drafted: Nov. 29, 1996	Dwg 3
Drafted By: J.M. Klein	Property Geology Map Northern Tack
Date Revised: Jan. 29, 1997	
Revised By: A. Turner	
N.T.S. Number: 105 H/5	400 0 400 800 1200m SCALE 1 : 20,000
File Name: SHEET_1.dwg	Figure 6.1



Location Map

Scale 1 : 15 000 000



INDEX MAP



UTM GRID NORTH



LEGEND

Symbols

- Lake
- Creek
- 1200 Topographic Contours (20m intervals)
- Lithological Contact (inferred)
- Fault Contact (inferred)
- Outcrop
- Talus, Float
- Bedding
- Foliation
- Lineation
- Fold Axis
- Joint
- Bedrock sample
- Thrust fault (inferred)

Intrusive Rocks

UM	Ultramafic
DN	Dunite
GB	Gabbro
DI	Diorite
SY	Syenite
MZ	Monzonite
QD	Granodiorite
G	Granite

Volcanic Rocks

B	Basalt
A	Andesite
D	Dacite
RD	Rhyodacite
R	Rhyolite

Mineral Prefixes

q	quartz
qe	quartz-eye
s	sericite
c	chlorite
m	muscovite
b	biotite
gr	graphite
f	feldspar
serp	serpentine
cr	carbonaceous
si	siliceous

Volcanic Modifiers

p	pillow
f	flow
t	tuff
xt	crystal tuff
lt	lapilli tuff
dt	dust tuff
bx	breccia
tbx	tuff breccia
amyg	amygdaloidal
aph	aphyric

Sedimentary Rocks

CG	Conglomerate
GT	Grit
SS	Sandstone
AR	Arenite
LS	Limestone
SH	Shale
MS	Mudstone
ARG	Argillite
J	Jasper
CH	Chert

Metamorphic Rocks

PH	Phyllite
S	Schist
GN	Gneiss
QTZ	Quartzite

Volcanic/Intrusive Modifiers

P	Porphyry

Mineralization

po	pyrrhotite
py	pyrite
cp	chalcopyrite
sp	sphalerite
gl	galena
az	azurite
ml	malachite
hm	hematite
mt	magnetite
rd	rhodonite
rc	rhodochrosite
Ba	Barite
Bxex	Barite exhalite
Qex	Quartz exhalite
Mnox	Manganese oxide

Colours

gy	grey	pk	pink
bk	black	wt	white
gn	green	bl	blue
brn	brown		
bf	buff		

WESTMIN

Westmin Resources Limited

TUCHITUA PROJECT

Property Geology and Rock Sample Location
Southern Tack

093799

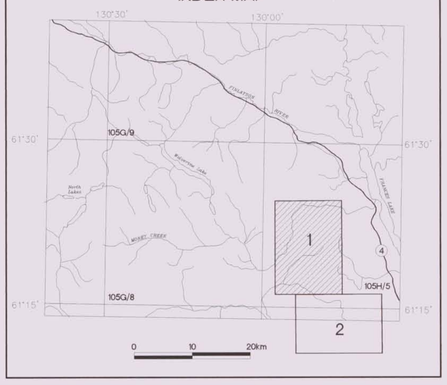
Work By	DT, Edit N.W.A. Dake
Date Drafted	Nov. 29, 1996
Drafted By	J.M. Klein
Date Revised	Dec. 2, 1997
Revised By	J.K. & A.T.
N.T.S. Number	105 H/4 & 5
File Name	SHEET_2.dwg

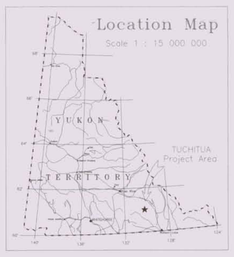
400 0 400 800 1200m

SCALE 1 : 20,000

Figure 6.2

INDEX MAP





UTM
GRID
NORTH

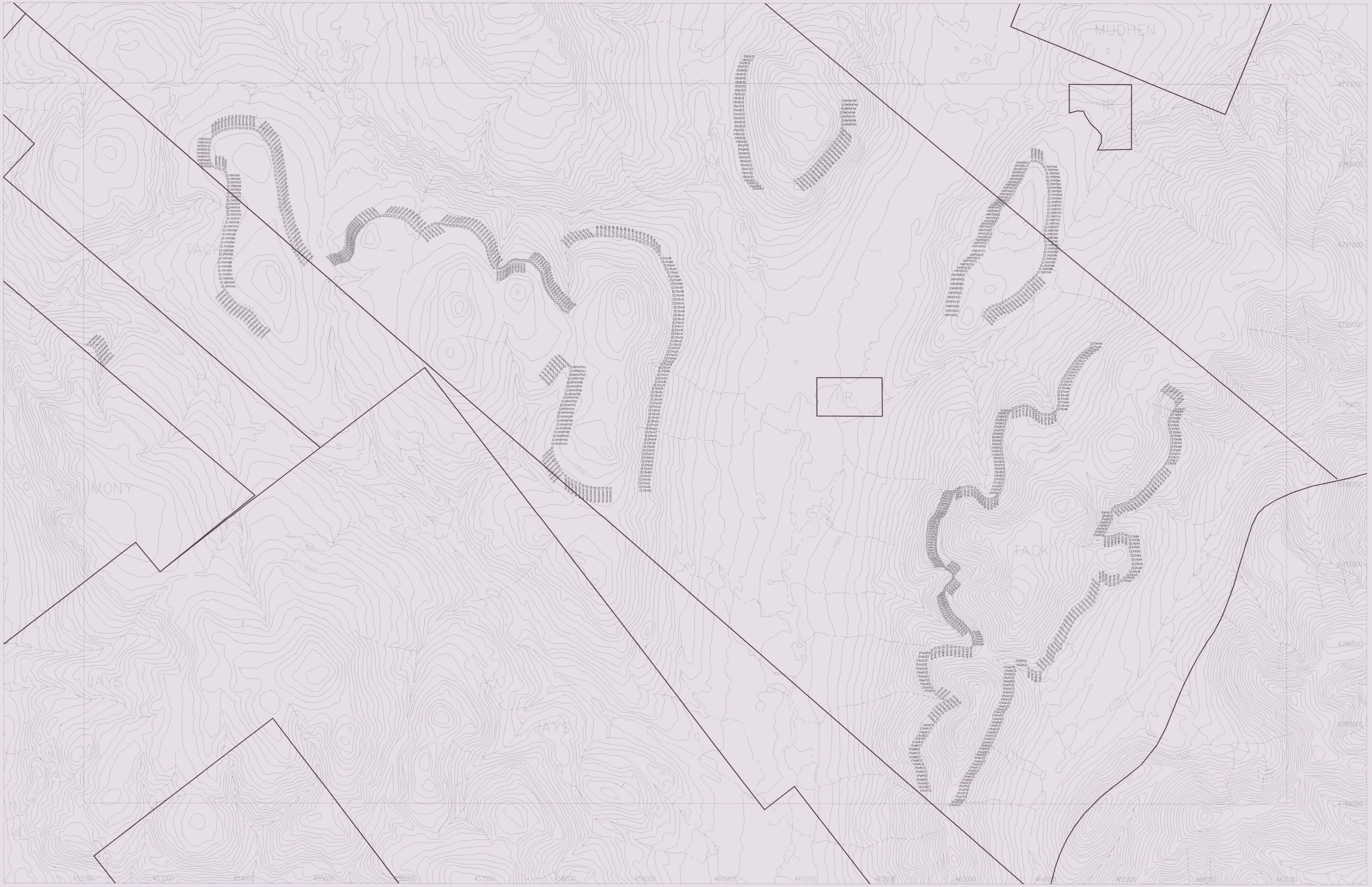
LEGEND

Symbols

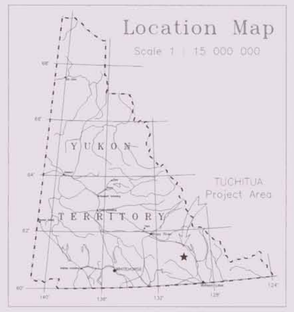
Lake
Creek
1200 Topographic Contours (100m intervals)

093799

	Westmin Resources Limited
Work By: D. Terry	TUCHITUA PROJECT
Date Drafted: Nov. 29, 1996	Sample Location Map
Drafted By: J.M. Klein	Dwg 6
Date Revised: Jan. 29, 1997	
Revised By: A. Turner	
N.T.S. Number: 105 H/5	400 0 400 800 1200m SCALE 1 : 20,000
File Name: SHEET_1.dwg	Figure 6.3a



Location Map
Scale 1 : 15 000 000



INDEX MAP



UTM GRID NORTH

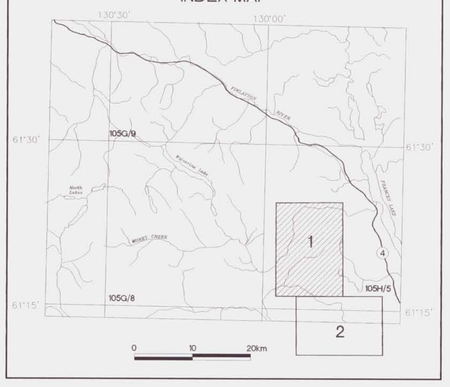
LEGEND

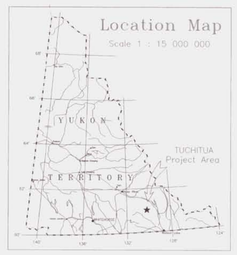
Symbols
Lake
Creek
1200 Topographic Contours (20m intervals)

WESTMIN	Westmin Resources Limited
Work By	TUCHITUA PROJECT
Date Drafted	093 799
Nov. 29, 1996	Soil Sample Location Map
Drafted By	Southern Tack
J.M. Klein	DWG 6
Date Revised	
Dec. 2, 1997	
Revised By	
J.K. & A.T.	
N.T.S. Number	Figure
105 H/4 & 5	6.3b
File Name	
SHEET_2.dwg	

400 0 400 800 1200m
SCALE 1 : 20,000

INDEX MAP





UTM
GRID
NORTH

LEGEND

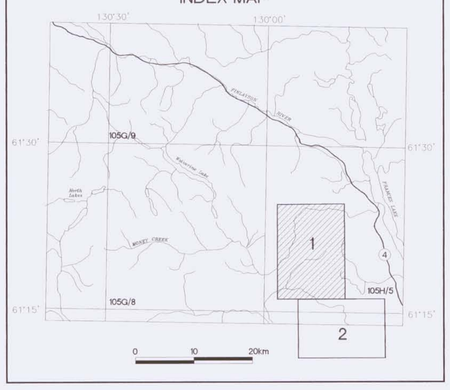
Symbols

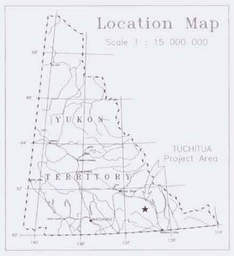
- Lake
- Creek
- 1200 Topographic Contours (100m intervals)

093799

WESTMIN	Westmin Resources Limited
Work By: D. Terry	TUCHITUA PROJECT
Date Drafted: Nov. 29, 1996	Au in Soil (ppb)
Drafted By: J.M. Klein	TACK claims - Northern Tack
Date Revised: Jan. 29, 1997	
Revised By: A. Turner	
N.T.S. Number: 105 H/5	400 0 400 800 1200m
File Name: SHEET_1.dwg	SCALE 1 : 20,000
	Figure: 6.4

INDEX MAP





UTM
GRID
NORTH

LEGEND

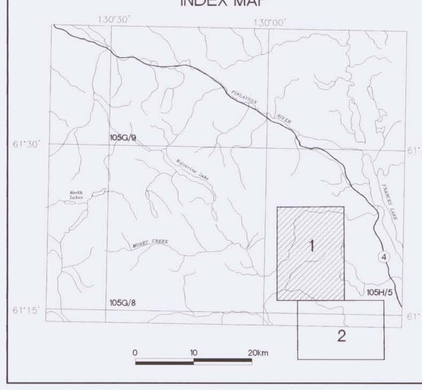
Symbols

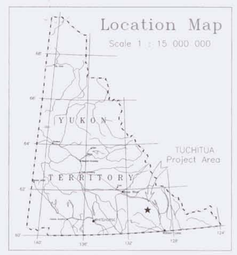
Lake
Creek
1200 Topographic Contours (100m intervals)

093799

WESTMIN	Westmin Resources Limited
Work By: D. Terry	TUCHITUA PROJECT
Date Drafted: Nov. 29, 1996	Ag in Soil (ppm)
Drafted By: J.M. Klein	TACK claims - Northern Tack
Date Revised: Jan. 29, 1997	
Revised By: A. Turner	
N.T.S. Number: 105 H/5	400 0 400 800 1200m
File Name: SHEET_1.dwg	SCALE 1 : 20,000
	Figure: 6.5

INDEX MAP





UTM
GRID
NORTH



LEGEND

Symbols

Lake

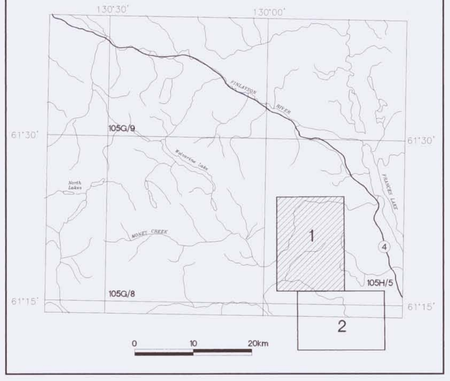
Creek

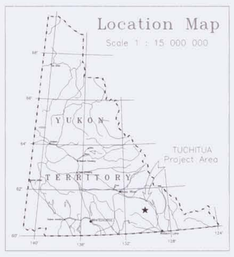
1200 Topographic Contours (100m intervals)

093799

WESTMIN	Westmin Resources Limited
Work By: D. Terry	TUCHITUA PROJECT
Date Drafted: Nov. 29, 1996	Cu in Soil (ppm)
Drafted By: J.M. Klein	TACK claims - Northern Tack
Date Revised: Jan. 29, 1997	
Revised By: A. Turner	
N.T.S. Number: 105 H/5	400 0 400 800 1200m
File Name: SHEET_1.dwg	SCALE 1 : 20,000
	Figure 6.6

INDEX MAP





UTM
GRID
NORTH

N

LEGEND

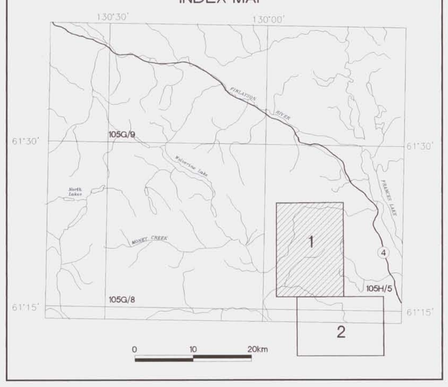
Symbols

Lake
Creek
1200 Topographic Contours (100m intervals)

093799

WESTMIN	Westmin Resources Limited
Work By: D. Terry	TUCHITUA PROJECT
Date Drafted: Nov. 29, 1996	Pb in Soil (ppm)
Drafted By: J.M. Klein	TACK claims - Northern Tack
Date Revised: Jan. 29, 1997	Dwg (10)
Revised By: A. Turner	
N.T.S. Number: 105 H/5	400 0 400 800 1200m
File Name: SHEET_1.dwg	SCALE 1 : 20,000
	Figure 6.7

INDEX MAP





UTM
GRID
NORTH

LEGEND

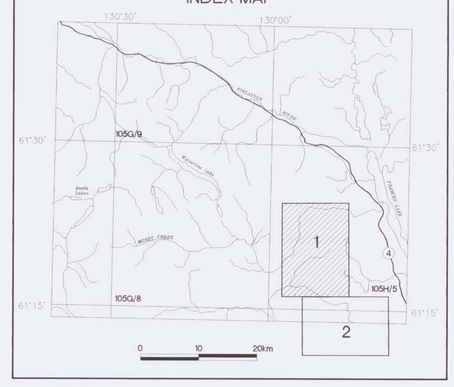
Symbols

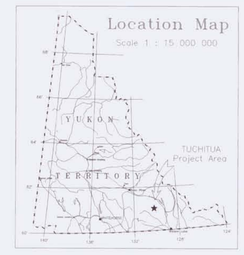
- Lake
- Creek
- 1200 Topographic Contours (100m intervals)

093799

WESTMIN	Westmin Resources Limited
Work By: D. Terry	TUCHITUA PROJECT
Date Drafted: Nov. 29, 1996	Zn in Soil (ppm)
Drafted By: J.M. Klein	TACK claims - Northern Tack
Date Revised: Jan. 29, 1997	
Revised By: A. Turner	
N.T.S. Number: 105 H/5	400 0 400 800 1200m
File Name: SHEET_1.dwg	SCALE 1 : 20,000
	Figure: 6.8

INDEX MAP





UTM
GRID
NORTH



LEGEND

Symbols

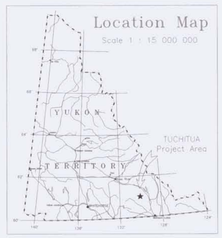
- Lake
- Creek
- 1200 Topographic Contours (100m intervals)

093799

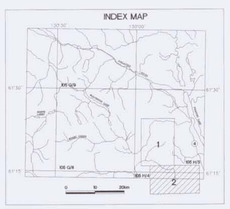
WESTMIN	Westmin Resources Limited
Work By: D. Terry	TUCHITUA PROJECT
Date Drafted: Nov. 29, 1996	Ba in Soil (ppm)
Drafted By: J.M. Klein	TACK claims - Northern Tack
Date Revised: Jan. 29, 1997	
Revised By: A. Turner	
N.T.S. Number: 105 H/5	400 0 400 800 1200m
File Name: SHEET_1.dwg	SCALE 1 : 20,000
	Figure: 6.9



Location Map
Scale 1 : 15 000 000



INDEX MAP



UTM
GRID
NORTH

N

Geochemical Legend

Soil Samples

MAX □

MIN ▫

Rock Samples

MAX △

MIN ▵

note: Statistics based upon the entire Wolverine regional geochemical database

LEGEND

Symbols

Lake

Creek

1200 Topographic Contours (20m intervals)

WESTMIN

Work By	G.F. Dale & N.A. Duke
Date Drafted	Nov. 29, 1996
Drafted By	J.M. Klein
Date Revised	Dec. 2, 1997
Revised By	J.K. & A.T.
N.T.S. Number	105 H/14 & 15
File Name	SHEET_2.dwg

Westmin Resources Limited

TUCHITUA PROJECT

Au (ppb) in Rock and Soil

Dwg 13

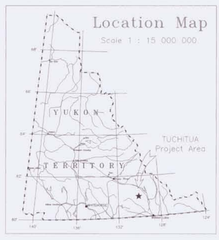
400 0 400 800 1200m

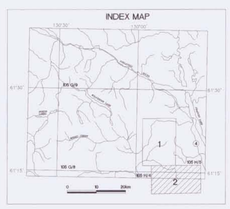
SCALE 1 : 20,000

Figure 6.10



Location Map
Scale 1 : 15 000 000





UTM GRID NORTH

N

Geochemical Legend

Soil Samples

MAX □

MIN ▫

Rock Samples

MAX △

MIN ▵

note: Statistics based upon the entire Wolverine regional geochemical database

LEGEND

Symbols

Lake

Creek

1200 Topographic Contours (20m intervals)

WESTMIN

Westmin Resources Limited

Work By	D.F. Cole & N.A. Duke
Date Drafted	Nov. 29, 1996
Drafted By	J.M. Klein
Date Revised	Dec. 2, 1997
Revised By	J.K. & A.T.
N.T.S. Number	105 H/4 & 5
File Name	SHEET_2.dwg

TUCHITUA PROJECT

093 H/4 & 5

Ag (ppm) in Rock and Soil

Duda (14)

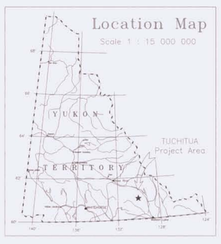
400 0 400 800 1200m

SCALE 1 : 20,000

Figure 6.11



Location Map
Scale 1 : 15 000 000



INDEX MAP



UTM
GRID
NORTH

Geochemical Legend

Soil Samples
MAX □
MIN ▫

Rock Samples
MAX △
MIN ▵

note: Statistics based upon the entire Wolverine regional geochemical database

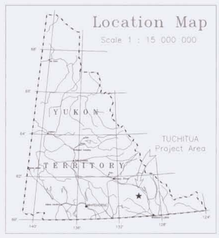
LEGEND

Symbols
Lake
Creek
1200 Topographic Contours (20m intervals)

	Westmin Resources Limited
Work By:	TUCHITUA PROJECT
D.F. Cole & N.A. Duke	
Date Drafted: Nov. 29, 1996	Cu (ppm) in Rock and Soil
Drafted By: J.M. Klein	
Date Revised: Dec. 2, 1997	
Revised By: J.K. & A.T.	
N.T.S. Number: 105 H/4 & 5	400 0 400 800 1200m
File Name: SHEET_2.dwg	SCALE 1 : 20,000
	Figure: 6.12



Location Map
Scale 1 : 15 000 000



INDEX MAP



UTM
GRID
NORTH

Geochemical Legend

Soil Samples
MAX □
MIN ▫

Rock Samples
MAX △
MIN ▵

note: Statistics based upon the entire Wolverine regional geochemical database

LEGEND

Symbols
Lake
Creek
1200 Topographic Contours (20m intervals)

WESTMIN

Westmin Resources Limited

Work By	DF. Dale & N.A. Duke
Date Drafted	Nov. 29, 1996
Drafted By	J.M. Klein
Date Revised	Dec. 2, 1997
Revised By	J.K. & A.T.
N.T.S. Number	105 H/4 & 5
File Name	SHEET_2.dwg

TUCHITUA PROJECT 093799

Pb (ppm) in Rock and Soil

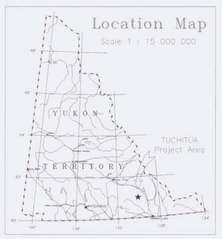
Dwg 10

400 0 400 800 1200m
SCALE 1 : 20,000

Figure 6.13



Location Map
Scale 1 : 15 000 000



INDEX MAP



UTM GRID NORTH

N

Geochemical Legend

Soil Samples

MAX □

MIN ▫

Rock Samples

MAX △

MIN ▵

note: Statistics based upon the entire Wolverine regional geochemical database

LEGEND

Symbols

Lake

Creek

1200 Topographic Contours (20m intervals)

WESTMIN

Westmin Resources Limited

Work By	DT Gale & NA Dale
Date Drafted	Nov. 29, 1996
Drafted By	J.M. Klein
Date Revised	Dec. 2, 1997
Revised By	J.K. & A.T.
N.T.S. Number	105 H/4 & 5
File Name	SHEET_2.dwg

TUCHITUA PROJECT 093789

Zn (ppm) in Rock and Soil

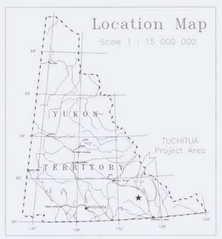
Dwg 17

400 0 400 800 1200m

SCALE 1 : 20,000

Figure 6.14







UTM
GRID
NORTH

Geochemical Legend

Soil Samples

MAX □

MIN ▫

Rock Samples

MAX △

MIN ▵

note: Statistics based upon the entire Wolverine regional geochemical database

LEGEND

Symbols

Lake

Creek

1200 Topographic Contours (20m intervals)

WESTMIN

Westmin Resources Limited

Work By	D.F. Ode & N.A. Duke
Date Drafted	Nov. 29, 1996
Drafted By	J.M. Klein
Date Revised	Dec. 2, 1997
Revised By	J.K. & A.T.
N.T.S. Number	105 H/4 & 5
File Name	SHEET_2.dwg

TUCHITUA PROJECT 093799

Ba (ppm) in Rock and Soil

Dwn 18

400 0 400 800 1200m

SCALE 1 : 20,000

Figure 6.15