BENNETT PROPERTY

1997 ASSESSMENT REPORT DESCRIBING A DIAMOND DRILL PROGRAM ON THE LEW 1 TO 13 AND LQ MINERAL CLAIMS, BENNETT LAKE AREA, NORTHWESTERN BRITISH COLUMBIA

DATES WORKED: 14/08/97 TO 15/09/97

NTS MAP SHEET 104M/15W
59°55' N, 134°53' W
ATLIN MINING DIVISION

Prepared for:

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RPT/98-003

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1.0 INTRODUCTION

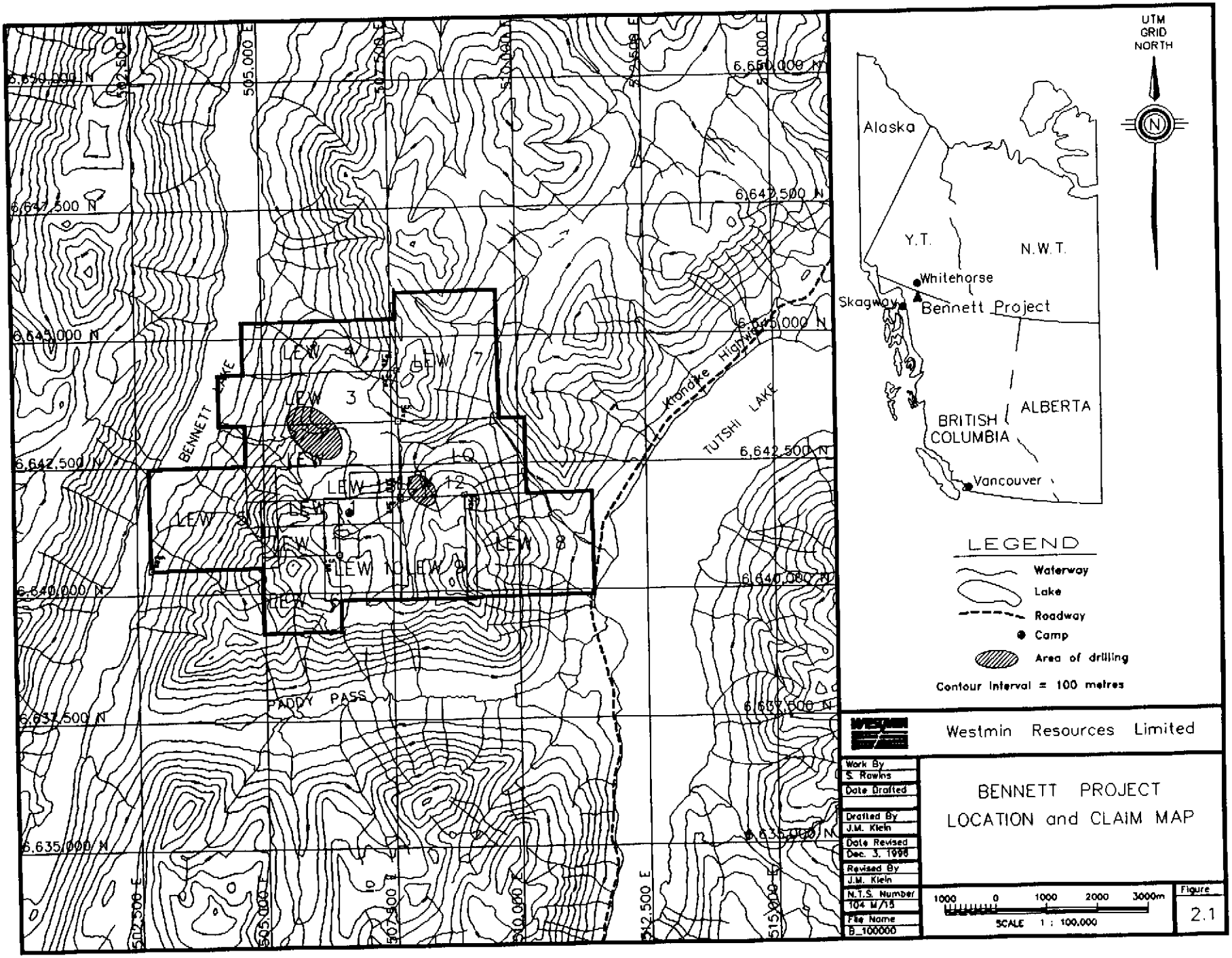
The primary purpose of the 1997 exploration program on the Bennett Property was to drill test two main target areas, the Bennett Grid and the Skarn Zone. These targets were selected based on geological and geophysical survey's completed on the property during the 1996 field season by Westmin Resources Limited (Rowins, 1997) and by compilation of previous work on the property.

2.0 Location and Access

The Bennett Property is located between Bennett and Tutshi Lakes in the Atlin Mining Division of northwestern British Columbia (see Figure 2.1). It lies approximately 28 km south of Carcross, Yukon and 55 km northeast of Skagway, Alaska. Skagway is a deep water port with an operational concentrate loading facility.

The property may be accessed from Highway 2 (Klondike Highway) which runs between Whitehorse, Yukon and Skagway, Alaska. A steep and rugged 4 wheel drive road constructed by Lodestar Explorations Inc. in 1990 leaves Highway 2 just south of the 68 kilometre marker and winds its way up to the central portion of the property and the camp site, a distance of approximately 9 km. The property may also be accessed by helicopter from either Whitehorse or Atlin in approximately 0.5 hours flying time. The White Pass railway which connects Whitehorse to Skagway crosses the extreme western portion of the property along the eastern shore of Bennett Lake.

The Bennett Property lies in a mountainous region with a relief of approximately 1500 metres produced by alpine glaciation. The central portion of the property is occupied by a large gently rolling plateau covered by 30 to 40 metres of coarse alluvial material. Most of the property is above tree-line and


UTM GRID NORTH
N
Alaska
Y.T.
N.W.T.
Whitehorse
Skagway
Bennett Project
BRITISH COLUMBIA
ALBERTA
Vancouver
LEGEND
Waterway
Lake
Roadway
Camp
Area of drilling
Contour Interval = 100 metres
Westmin Resources Limited
BENNETT PROJECT
LOCATION and CLAIM MAP
Work By
S. Rawlins
Date Drafted
Drafted By
J.M. Klein
Date Revised
Dec. 3, 1996
Revised By
J.M. Klein
N.T.S. Number
104 M/15
File Name
B_100000
1000 0 1000 2000 3000m
SCALE 1 : 100,000
Figure
2.1
BENNETT LAKE
TUTSHI LAKE
Klondike Highway
PADDY PASS
LEW 1
LEW 2
LEW 3
LEW 4
LEW 5
LEW 6
LEW 7
LEW 8
LEW 9
LEW 10
LEW 11
LEW 12
LEW 13
LEW 14
6,650,000 N
6,647,500 N
6,645,000 N
6,642,500 N
6,640,000 N
6,637,500 N
6,635,000 N
502,500 E
505,000 E
507,500 E
510,000 E
512,500 E
515,000 E

therefore vegetation comprises alpine scrub spruce, balsam, and alpine grasses and mosses. Several glaciers are present on the north-facing slope of an east-trending ridge which parallels the southern property boundary.

3.0 CLAIMS AND TENURE

The Bennett Property consists of 14 contiguous mineral claims (167 units). The claim information is given in Table 1 and the layout of the claims is shown in Figure 2.1. The claims are all owned by Westmin Resources Limited of Vancouver, B.C.. Brett Resources Inc. has an option to acquire a minimum 60% interest in the property and an additional option to increase to a 75% interest pursuant to certain terms and conditions of an agreement between Westmin and Brett.

Table 3.1 Bennett Property Claim Information

Claim Name	Tenure No.	No of Units	Record Date	Expiry Date
LQ	202412	15	24/07/1996	24/07/2005
LEW 1	342440	6	18/11/1995	18/11/2004
LEW 2	342441	18	18/11/1995	18/11/2004
LEW 3	343442	14	18/11/1995	18/11/2004
LEW 4	342443	12	18/11/1995	18/11/2001
LEW 5	342860	20	13/12/1995	13/12/2001
LEW 6	342861	9	20/12/1995	20/12/2001
LEW 7	342862	20	20/12/1995	20/12/2001
LEW 8	342863	20	12/12/1995	12/12/2001
LEW 9	347981	12	05/07/1996	05/07/2005
LEW 10	347982	12	05/07/1996	05/07/2005
LEW 11	347983	6	05/07/1996	05/07/2005
LEW 12	349361	1	11/08/1996	11/08/2005
LEW 13	349362	2	11/08/1996	11/08/2005

4.0 PREVIOUS WORK

Mineral exploration work in the Bennett Lake area dates back to the time of the Klondike gold rush in the 1890's. Thousands of gold-seekers passed just to the west of the Bennett property on the Chilkoot Trail or the White Pass railroad enroute to the goldfields around Dawson in the Yukon. There are numerous old trenches and adits on the property, especially along the steep slopes leading down to Bennett Lake from the plateau area in the center of the property. None of this work, however, is recorded in assessment records or Ministry of Mines reports.

Several explorations programs by various companies have been carried out on the Bennett property since the early 1980's. A summary of this work is given in Rowins (1997). The most comprehensive work program to date, and the only one involving diamond drilling, was done by Lodestar Explorations Inc. (Blanchflower, 1990).

5.0 REGIONAL GEOLOGY

The regional geology of the Bennett and Tutshi lakes area has been documented in detail by Mihalynuk et al. (1989), Mihalynuk and Rouse (1988b), Blanchflower (1990), and is described in Rowins (1997). The following discussion summarizes, and is based on, these studies.

The Bennett Property lies to the west of the NW-striking Llewellyn Fault, a major dextral transcurrent structure which generally separates the strongly deformed rocks of the pre-Permian "Boundary Range Metamorphics" of the Nisling terrane to the west, and the volcanic and sedimentary rocks of the Upper Triassic Stuhini Group of the Intermontane Belt to the east (Figure 5.1). The presence of Stuhini Group rocks on the eastern edge of the Bennett property, west of the Llewellyn Fault, however, implies that the Llewellyn Fault is actually a

YUKON TERRITORY

135°00'

60°00'

55'

50'

LEW 4

LEW 7

LEW 3

LEW 2

LEW 13

LEW 12

LEW LQ

LEW 1

LEW 5

LEW 11

LEW 9

LEW 8

LEW 10

LEW 6

BENNETT LAKE

TAGISH LAKE

NB

PASSAGE

MAP UNITS DEFINED IN FIGURE 3 *ALSO*

Miles 1 0 1 2 3

Metres 1000 0 1000 2000 3000 4000 Metres

Work By	Westmin Resources Limited
Date Drafted	
Drafted By	BENNETT PROJECT
Date Revised	REGIONAL GEOLOGY
Revised By	(Mihaylynuk and Rouse, 1988b)
N.T.S. Number 104 M/15	Part of NTS 104 M/15
File Name B_100000	SCALE 1 : 50,000
	Figure 5.1

Legend for Figure 5.1

LAYERED ROCKS

QUATERNARY

Qal — *Unconsolidated glacial till and poorly sorted alluvium*

MIDDLE TO UPPER JURASSIC (?)

muJv — *Variegated pyroclastic lapilli tuffs; bladed feldspar porphyry flows*

muJc — *Clast-supported conglomerate derived primarily from Inklin Formation siltstones and argillites*

LOWER JURASSIC

LABERGE GROUP, INKLIN FORMATION (where undivided denoted as lJi)

lJiJg — *Siltstones, arenaceous wackes (greywackes); may contain macrofossils*

lJiJa — *Argillites (may be silty)*

lJiJc — *Conglomerates; rarely contain macrofossils*

UPPER TRIASSIC

STUHINI GROUP (where undivided denoted as uTs)

uTsv — *Variegated feldspar-phyric tuffs and lesser flows*

uTsp — *Green pyroxene-feldspar porphyry tuffs and breccias characteristic of this group*

uTsc — *Conglomerates and associated sediments*

PALEOZOIC TO PROTEROZOIC (?)

BOUNDARY RANGES METAMORPHICS (where undivided denoted as PPM)

PPM — *A polydeformed metamorphic terrane of uncertain origin; variably metamorphosed to upper greenschist grade within the map area, and reported up to amphibolite grade to the south.** Protoliths in approximate order of abundance are:*

PPMs — *Argillaceous siltstones, feldspathic wackes and lesser felsic pyroclasts and carbonates (carbonate bands diagonally hatched).*

PPMp — *Altered pyroxenites, foliated gabbros and mafic flow successions*

INTRUSIVE ROCKS

UPPER CRETACEOUS

COAST INTRUSIONS (where undivided denoted as uKg)

uKg1 — *Medium to coarse-grained hornblende and biotite granites are most characteristic of the Coast intrusive rocks; with local gradations to potassium metasomatized alkaline granite (denoted "A") and lesser granodiorite (uKgd). Rare zones with diffuse boundaries contain medium grained garnet (grt) ± muscovite (mus). Typically containing 2 to 5 centimetre, perthitic potassium feldspar megacrysts. Chilled contacts are quartz-eye feldspar porphyries. K-Ar dated at 89.5 ± 2.6 Ma and 77.9 ± 1.6 Ma***.*

uKg2 — *Equigranular uKg1 – lacking megacrystalline potassium feldspar with minor localized exceptions*

uKgd, qm, d — *Granodiorite, quartz monzonite and diorite as compositional variants of uKg1,2*

CRETACEOUS

Kgd, qm g,d — *Granodiorite, quartz monzonite, granite and diorite. Medium to coarse grained and typically more altered than uKg; may rarely be crosscut by ?uKg1,2. Commonly grades rapidly from one phase to another*

TRIASSIC (?)

Tgd, qm — *Porphyritic granodiorite to quartz monzonite; foliated with potassium feldspar phenocrysts and hornblende up to 20 per cent. Minor secondary chlorite, epidote and quartz*

MESOZOIC

Mgd — *Granodiorite; altered, sheared and brecciated felsic intrusive rocks primarily confined to the Llewellyn fault zone. May in part include rocks of PTgd*

PALEOZOIC? TO TRIASSIC

PTgd — *Altered and deformed intrusives. Typically altered and/or deformed weakly to strongly. Composition variable to leucogranite and quartz-diorite; may be silicified.*

2 to 3 km wide fault zone comprising several NW-striking splays in this part of northwestern British Columbia. The NNW-striking Paddy Fault, which hosts an auriferous amphibole skarn on the eastern side of the Bennett property, is an example of such a splay off the Llewellyn Fault.

LANDSAT-TM imagery (1:100,000 scale) shows that a 10 km wide, NNE-trending set of linears extends 50 km from the Bennett Property south to Skagway, Alaska (Westmin Resources Limited, unpublished data). The Bennett Property thus lies at the intersection of two pronounced sets of linears. This structural coincidence may, in part, explain the abundance of precious metal showings and stream sediment gold, silver, antimony, arsenic, bismuth, and copper anomalies on the property (e.g., Open file BC RGS 37) (Rowins, 1997).

Regionally the Nisling terrane, comprising the Boundary Range Metamorphics, marks the transition between the hornblende-biotite granites and granodiorites of the Cretaceous and earliest Tertiary Coast Crystalline Complex to the west, from the Intermontane Belt to the east (Rowins, 1997). Miogeosynclinal sedimentary rocks of the Lower Jurassic Inklin Formation, a subdivision of the Laberge Group, unconformably overlie the Boundary Range Metamorphics within the Nisling terrane. Both the basement rocks and the Laberge Group were extensively deformed sometime between the middle Jurassic to late Cretaceous (Mihalynuk and Rouse, 1988b).

6.0 PROPERTY GEOLOGY

Previous assessment reports by Lhotka and Olsen (1983), Blanchflower (1990), and Rowins (1997) in addition to studies by the British Columbian Geological Survey (Schroeter, 1986; Mihalynuk and Rouse, 1988a; 1988b) describe the geology, structure, alteration, and mineralization of the Bennett Property. The following discussion is based mainly on these studies and the assessment report by Rowins (1997).

6.1 Lithology

The oldest rocks on the property, the Boundary Ranges Metamorphics, underlie the central portion of the property as a NW-trending, tight to open, gently plunging synclinal sequence metamorphosed to upper greenschist facies (Figure 6.1). The suite is comprised dominantly of argillaceous siltstones and greywackes with lesser basalts, felsic volcaniclastics, pyroclastics, and carbonates. Prior to final deformation, these strata were intruded by pyroxenites and gabbros.

The Stuhini Group rocks outcrop on the eastern edge of the property, separated from the Boundary Ranges Metamorphics by the NNW-striking Paddy Fault (Figure. 3). Mihalynuk and Rouse (1988b) recognized five distinct lithologies in the Stuhini Group: (1) variegated tuffs and sedimentary rocks, (2) green pyroxene porphyries, (3) conglomerates, (4) hornblende-phyric tuffs and epiclastic rocks, and (5) argillaceous to conglomeratic limestones (Rowins, 1997).

Both the Stuhini Group and the Boundary Ranges Metamorphics are unconformably overlain by sedimentary rocks of the Lower Laberge Group (Inklin Formation). The Inklin Formation comprises conglomerates, greywacke, diamictite, immature sandstone and siltstone, and non-calcareous to weakly calcareous argillite (Mihalynuk and Rouse, 1988b). The conglomerates and greywackes tend to form massive beds, whereas the finer grained sedimentary rocks are typically thinly bedded to laminated. These sedimentary rocks are, in turn, overlain by un-named Middle to Upper Jurassic felsic/intermediate volcaniclastic rocks and flows.

Altered and deformed late Triassic calc-alkaline granodiorite and alkali-granite dated at 215 ± 5 Ma (Mihalynuk and Rouse, 1988b) outcrop in both the southwest and the northwest corners of the property. They commonly host

several volume percent pyrite, pyrrhotite, and chalcopyrite. Cretaceous to early Tertiary granite and granodiorite of the Coast Crystalline Plutonic Complex intrude all lithologies and are particularly abundant west of the property (Mihalynuk and Rouse, 1988a).

6.2 Structure

Numerous N, NW, NNW, and NE-striking faults with differing senses of displacement are present on the property, and localize gold, silver, antimony, arsenic and copper mineralization. The Llewellyn fault is the dominant structural feature in the region and it occurs along eastern edge of the claim block. It has a west-side-up motion at its southern end southeast of the property, and a contrasting east-side-up motion at its northern end, within, and north of the property (Mihalynuk and Rouse, 1988b).

Lhotka and Olsen (1983) identified two major NNW-striking faults within the current LEW 9 and LEW 10 mineral claims (Figure. 3). The more westerly fault was called the Ben Fault, and the more easterly fault, the Paddy fault. The Ben Fault separates the folded and sheared gneisses of the Boundary Ranges Metamorphics on the east, from sheared argillites of the Inklin Formation to the west (Figure. 3). Blanchflower (1990), however, proposes that the displacement between the rock units on either side of the Ben and Paddy faults are related to coincident shearing superimposed on stratigraphic angular unconformities. The latter interpretation is in part supported by observations of the Paddy fault in drill core during the program described in this report.

6.3 Mineralization

The regional metallogenic studies by Schroeter (1986) and Mihalynuk and Rouse (1988b) indicate that the known precious and base metal occurrences of the Tutshi and Bennett lakes area are hosted mainly in the Boundary Ranges

Metamorphics. Past exploration in the region has focussed on: (1) stibnite and/or pyrite, galena, sphalerite, and arsenopyrite-bearing veins within dilatant zones with or without concomitant shearing in metamorphic rocks; and (2) sheared quartz-carbonate altered zones with attendant galena and sphalerite within mafic-rich Triassic volcaniclastic rocks of the Stuhini Group (Mihalynuk and Rouse, 1988b).

Blanchflower (1990) notes that past exploration work has identified four types of precious and base metal-bearing mineralization on the property. They are (in order of their significance):

(1) *Quartz+arsenopyrite+/-pyrite+/-sphalerite+/-galena veins.* These N to NE-striking veins typically are hosted by dilatant shear or fault zones and range in thickness from several centimetres up to 3 metres, but are generally on the order of 0.5 metres. They are particularly common in the West Gully and Skarn Zone.

(2) *Quartz+stibnite+arsenopyrite+/-galena+/-sphalerite+/-chalcopyrite veins.* These NNW-striking veins are commonly locallized in dilatant shear or fault zones and varying in thickness from a few centimetres up to 1 metre. In some veins, coarse-bladed stibnite and fine-grained arsenopyrite form massive to semi-massive clots in buck white quartz.

(3) *Chalcopyrite and magnetite veins.* These veins have only been identified in shear zones on the west-facing cliffs of the current LEW 2, LEW 3 and LEW 4 mineral claims. According to Neelands and Holmgren (1982), disseminated and massive chalcopyrite and magnetite occur over 10 metres as a 30 centimetres wide band within a 4 metre wide sheared and altered section of granodiorite. Rock grab samples from an old adit driven 7 metres easterly on the vein/shear structure returned 3.3 to 9.5% Cu Blanchflower (1990).

(4) *Pyrrhotite and pyrrhotite+chalcopyrite-bearing amphibole (calcite) skarn.* This type of mineralization characterizes the "Skarn Zone" which is located on the LEW 9 claim. Here pyrrhotite+chaclopyrite+actinolite+/-calcite form fracture-controlled veinlets and pervasive replacements of both the Boundary Range Metamorphics and the Stuhini Group lithologies proximal to the trace of the Paddy fault and in the area intruded by amphibole-feldspar porphyry dikes up to 10 metres thick. Values of up to 10 ppm Au are associated with this type of mineralization.

7.0 1997 DRILLING PROGRAM

Falcon Drilling Ltd. of Prince George, B.C. was contracted to carry out the 1997 drill program on the Bennett Property using a Falcon 1000 hydraulic diamond drill. To mob the drill in from the road and to move it around the first target area, the Bennett grid/Plateau Zone, a D6D bulldozer owned and operated by Dan Connolly of Atlin, B.C. was utilized. For the second phase of diamond drilling on the Skarn Zone a Jet Ranger helicopter from Discovery Helicopters based in Atlin, B.C. was used with Norm Graham as the pilot.

The 1997 program began on August 15 with camp construction. The drill arrived and commenced drilling on August 21. In total 1073 metres of BTW core was drilled at an average rate of 41 metres/shift. The drill was demobilized on September 4 and camp was torn down on September 10 after the remainder of the core was logged, split, and sampled. All split core from the 1997 drilling is dead-stacked and stored at the location of the exploration camp near the terminus of the gravel road leading up from Highway 2. All hole locations are marked by orange-painted pickets with dymo-tape labels describing the hole azimuth and inclination.

A total of nine diamond drill holes were completed on the Bennett Property in 1997. One hole was drilled on the Bennett Grid/Plateau Zone (BN-97-02) while

the remaining eight (BN-97-03 to 10) were drilled on the Skarn Zone. One hole on the Bennett Grid/Plateau Zone (BN-97-01) was abandoned due to poor drilling conditions.

The drilling on the Bennett Grid/Plateau Zone was designed to test an extensive high chargability/low resistivity IP anomaly. BN-97-02 on the Bennett Grid was drilled to intersect the center of this anomaly at a depth of approximately 70 metres below the surface. In total 165 metres was drilled on the Bennett Grid IP anomaly at an average rate of 16 metres per shift.

The aim of the drilling program in the Skarn Zone area included: 1) testing the northerly trending Paddy Fault along several hundred metres of its length for structurally controlled gold mineralization; and 2) extending the zone of gold mineralization intersected by Lodestar Explorations Inc. and reported on in Blanchflower (1990). Prior to spotting any holes it was observed that the grid established over the Skarn Zone by Noranda in 1993 was not slope corrected despite the fact that much of the grid is over slopes of approximately 30 degrees (i.e. Rowins, 1997). The error created by this was unacceptable and so a north-south oriented slope corrected baseline was established starting at the drill pad where Lodestar's holes 90-01 to 90-07 were drilled from (grid point 5000E/5000N). All drill pads were located in a slope corrected fashion from this baseline and east-west slope corrected lines were run along sections where holes were drilled to provide good control and a topographic profile.

Drill holes BN-97-03, BN-97-04, BN-97-08, BN-97-09, and BN-97-10 were designed to test the down-dip extent of randomly oriented discontinuous auriferous quartz-arsenopyrite veins and veinlets which occur along the trace of the north-south striking Paddy fault zone on the surface over approximately 300 metres of strike length. Shallowly dipping holes were drilled from the both the north and the south in order to account for possible dip reversals of the Paddy fault.

A three hole fence (BN-97-05, BN-97-06, and BN-97-07) was drilled at 4970E/4950N in order to test the southern extent of a gold bearing quartz carbonate vein system which was intersected in seven drill holes by Lodestar Exploration in 1990. These three holes were drilled at inclinations of 45, 65 and 90 degrees and targeted a feldspar amphibole porphyry dike thought to be related to proximal skarnification and gold mineralization. In total 909 metres were drilled on the Skarn Zone at an average rate of 57 metres per shift.

Table 7.1 summarizes the drill hole locations, orientations and hole depths for all of the 1997 drill holes on the Bennett property. The UTM coordinates are based on differentially corrected GPS positions.

Table 7.1 Drill Hole Location Data

Hole #	Azimuth	Dip	Easting Grid	Northing Grid	Easting UTM	Northing UTM	Elev. (m)	Depth (m)
BN-97-01	55	-45	10300	10825	506730	6642805	1482	21.6
BN-97-02	55	-50	10300	10835	506741	6642817	1484	141.7
BN-97-03	90	-45	4900	4992	508148	6641802	1523	130.5
BN-97-04	270	-45	5022	4883	508280	6641696	1572	89.9
BN-97-05	90	-65	4970	4950	508227	6641769	1573	122.2
BN-97-06	90	-45	4970	4950	508227	6641769	1573	124.1
BN-97-07	90	90	4970	4950	508227	6641769	1573	124.4
BN-97-08	270	-45	5020	4825	508288	6641648	1587	119.7
BN-97-09	270	-65	5020	4825	508288	6641648	1587	114.0
BN-97-10	90	-45	4920	4720	508170	6641536	1641	84.4

7.1 Drill Results

The Bennett Grid/Plateau Zone and the Skarn Zone drill hole locations are shown on Figures 6.1 and 6.2, respectively, located in Appendix G. Diamond drill sections for all of the 1997 drill holes (Figures 7.1 to 7.6) are also included in Appendix G. A summary of the most anomalous gold values intersected during this drill program is given below in Table 7.2.

Hole BN-97-02 on the Plateau zone cored 33.2 metres of coarse boulder-ridden overburden before intersecting a very deformed and tectonically brecciated sedimentary package comprising strongly graphitic black argillite and fine grained light grey siltstone. No significant mineralization was observed. Assays show that the interval between 33.2 metres (the depth at which bedrock was cored) and 88.5 metres contains numerous geochemically anomalous gold values of up to 355 ppb Au with 13 of 23 analyses above 100 ppb. Since the geophysical anomaly had been successfully explained by the large quantities of graphite the drill was immediately moved to the Skarn Zone.

Table 7.2 Summary of Anomalous Au Intersections

Hole	Sample	From	To	Interval (m)	Au (g/t)
BN97-02	300011	61.90	64.00	2.10	0.25
BN97-02	300012	66.00	68.50	2.50	0.36
BN97-02	300019	79.60	81.40	1.80	0.22
BN97-02	300023	86.50	88.50	2.00	0.29
BN97-05	300206	79.10	79.60	0.50	0.44
BN97-06	300247	38.00	40.00	2.00	0.23
BN97-08	300357	11.80	13.00	1.20	0.28
BN97-08	300358	13.00	15.00	2.00	**1.95**
BN97-08	300367	28.70	29.30	0.60	0.21
BN97-09	300425	14.55	16.00	1.45	**4.28**
BN97-09	300426	16.00	18.00	2.00	**10.08**
BN97-09	300435	30.50	30.78	0.28	**1.32**
BN97-10	300500	30.00	31.50	1.50	**5.96**

Holes BN-97-03, BN-97-04, BN-97-08, BN-97-09, and BN-97-10 were successful in intersecting the Paddy fault, and BN-97-08 and BN-97-09, drilled from the same setup at inclinations of 45 and 65 degrees, respectively, contained arsenopyrite vein-hosted mineralization. In each case the fault was near but not necessarily coincident with an unconformable contact between the Paleozoic Boundary Range Metamorphics and the Triassic Stuhini Group Volcanics. Late

feldspar amphibole porphyritic dikes intrude both of these units and were intersected in all but two of the drill holes. Actinolite+calcite+sulphide skarn is abundant and is likely related to the injection of porphyritic intrusions. Skarn zones within the Boundary Range Metamorphics and the Stuhini andesites contain abundant pyrrhotite mineralization and locally up to several percent chalcopyrite and arsenopyrite. Unfortunately, these zones are not consistently associated with gold mineralization.

Hole BN-97-04 was drilled from east to west to intersect the Paddy fault below a pit with abundant float of massive coarse-grained arsenopyrite vein material (identified as the "Stibnite Pit" on the map of Rowins (1997). The Paddy fault was intersected however no arsenopyrite mineralization was observed in the hole.

Holes BN-97-08 and BN-97-09 intersected the most interesting mineralization of the drill program. At and below the transition between the andesitic Stuhini volcanics and the polydeformed Boundary Range metamorphics locally strong *actinolite+pyrrhotite+chalcopyrite* mineralization occurs over more then 40 metres in both holes. This same interval also contains a greater frequency and thickness of quartz-carbonate veining, hosting chalcopyrite-pyrrhotite mineralization, than observed in previous holes. As well, at, or just below, the contact with the Boundary Range rocks in both holes several quartz-arsenopyrite veins up to 10 cm thick and containing up to 60% medium-grained to coarse-grained subhedral to euhedral arsenopyrite occur. Even on the scale of the core, however, these veins appear to pinch out over short distances. In hole BN-97-08 1.95 g/t Au over 2.0 metres is associated with localized *actinolite+pyrrhotite+chalcopyrite* veinlets within andesitic lapilli tuff breccia. Lower down in the hole 0.21 g/t Au over 0.6 metres is associated with vein-controlled coarse-grained arsenopyrite mineralization. In hole BN-97-09 a weighted average of 7.64 g/t Au over 3.45 metres was returned from a bleached domain containing *pyrrhotite+pyrite+/-chalcopyrite* mineralization associated with hairline actinolite-

lined fractures in an andesitic lapilli tuff breccia. Lower in this hole 1.32 g/t Au over 0.28 metres was associated with vein-controlled coarse-grained arsenopyrite mineralization near the contact between the overlying Stuhini volcanics and the Boundary Range Metamorphics.

The Paddy fault zone in Hole BN-97-10 was manifested as a strongly carbonitized, gouged, and oxidized interval. A 1.5 metre sample within this fault zone returned 5.96 g/t Au. Weakly skarnified andesites of the Stuhini Group were intersected below the Paddy fault. No significant mineralization was observed in the hole.

Holes BN-97-05, BN-97-06, and BN-97-07 were drilled from a single setup located 50 metres south of the array of holes in which significant gold mineralization (up to 3.43 g/t over 8.0 metres in hole 90-08 and a high value of 14.64 g/t Au over 1.0 metres in hole 90-03) was detected by Lodestar in 1990. All of these holes successfully intersected the feldspar amphibole porphyry dike spatially associated with the gold mineralization in Lodestar's drill holes. The local *actinolite+pyrrhotite+chalcopyrite* association was the dominant manifestation of mineralization observed in these holes. Sparse disseminations and veinlets of arsenopyrite were also observed. In hole BN-97-05 0.55 g/t Au over 0.5 metres was intersected in andesite porphyry containing coarse buckshot pyrrhotite-pyrite with lesser chalcopyrite associated with actinolite skarn, 1.8 metres above the feldspar-amphibole porphyritic sill. In hole BN-97-06 0.22 g/t Au over 2.0 metres was detected in an andesitic unit containing fracture-controlled grey bleached (quartz-sericite) zones and cross-cutting ankerite/calcite veinlets.

8.0 CONCLUSIONS AND RECOMMENDATIONS

The first phase of the drill program on the Bennett Grid/Plateau Zone succeeded in explaining the large IP chargeability anomaly. The anomalous gold values near the top of the hole are interesting but not themselves of economic

significance. In order to justify further drilling in this area either a new interpretation of the relationship of known structural and geochemical data to the IP anomaly is required. One possibility would be to place a hole further along the trend of the IP anomaly to the northwest (~500 metres) closer to the mineralized porphyry with anomalous As-Au in silts from streams draining off it to the west, described in Rowins (1997). A second option would be to drill a scissor hole from the next line to the southeast (10400E) to ensure that BN-97-02 was not drilled parallel to, or below, a mineralized structure dipping the same direction as the hole.

In the Skarn Zone area the fence of drill holes (BN-97-05, 06, and 07) located south of Lodestar's fan of holes which intersected gold mineralization, failed to intersect significant mineralization. These holes confirm the observations made from surface outcrops that the auriferous quartz-veins associated with the mineralization both in the main trench and in Lodestar's first seven holes are narrow and discontinuous. The hypothesis that this mineralization may have been related in whole or in part to the pyrrhotite+chalcopyrite+actinolite skarn mineralization on the upper margin of the flat-lying feldspar-amphibole porphyry does not hold up. There is little further potential for extending this mineralization beyond what was defined by Lodestar in 1990. One final possibility would be to drill a hole on the overburden-covered slope several hundred metres north of Lodestar's holes to test for a possible northern extension to the mineralization. The likelihood of this is remote, however, as the gold-bearing quartz veins intersected in Lodestar's drill holes and in the trench immediately to the north of the drill pad do not extend past the hornblende feldspar porphyry dike exposed at the northern end of the trench. As well, in the drill holes gold mineralization does not extend below the dike into the andesitic rocks below.

The series of spaced holes drilled along a 265 metre strike extent of the Paddy fault proved to be of more interest. While holes BN-97-03 and BN-97-04

did not encounter significant mineralization, holes 8, 9, and 10 intersecting intriguing intervals of gold mineralization and local zones of strong quartz-calcite veining and sulphide mineralization (including arsenopyrite). It is impossible to tie the gold mineralization encountered in these holes together into a zone with continuity due to the current drill spacing and, more importantly, the apparent erratic distribution of gold values. However, the results of the 1997 drilling program on the Skarn Zone shows that the Paddy fault is an auriferous system. The erratic gold values may be a high level expression of a deeper level, more continuously mineralized, mesothermal lode gold system. In addition, a significant un-tested strike length of the Paddy fault lies to the south on the Bennett Property. Much of the surface manifestation of the fault to the south is characterized by strong Fe-stained zones. The trace of the fault should be walked out and prospected and a series of contour soil lines at 100 metre line spacing and 25 metre sample intervals should be run over the extent of the structure. If a gradient in gold values or continuity of Au-As anomalies increases to the south, or if a surface form of mineralization with greater continuity is observed then several more drill holes would be warranted along the southern portion of the fault. Due to topography these holes would have to be drilled from west to east and therefore as shallow an angle as possible should be used to pierce the structure at approximately 100 metres below its surface expression.

A useful exercise would be to thoroughly digitally compile all of the former work and the location of all precious metal showings onto one map. This will assist in guiding future exploration surveys aimed at defining new targets on the property.

The cost estimate for the digital compilation and a modest exploration program along the southern trace of the Paddy fault, and possibly elsewhere on the property, is $65,000. After this work has been carried out, an evaluation of all of the data will determine whether further drilling is required to test the extension of the Paddy fault or another target on the property.

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APPENDIX A

STATEMENT OF EXPENDITURES

STATEMENT OF EXPENDITURES

I, David A. Terry as agent for Westmin Resources Limited, #904-1055 Dunsmuir Street, Vancouver, B.C. do believe that a drill program comprising 10 diamond drill holes was carried out on the Bennett Project between August 14 and September 15, 1997.

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

Diamond Drill Contractor	$107,532
Bulldozer Contractor	$10,981
Independent Contractors	$12,105
Helicopter	$13,895
Camp Expense	$14,111
Equipment Rentals	$2,245
Fuel	$11,821
Shipping	$6,004
Geochemistry	$8,773
Permanent Salaries	$12,212
Temporary Salaries	$14,940
Travel Costs	$3,973
Gasoline	$371
Truck Rental	$1,192
Telephone	$2,659
Report Preparation Costs	$1,670
Miscellaneous	$989
Total Expenditures	**$225,473**

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 21 day of January, 1998.

David A. Terry , Project Geologist

RPT/98-003

APPENDIX B

LIST OF PERSONNEL

LIST OF PERSONNEL:

Elizabeth A. Blois (Cook/First Aid Attendant)
P.O. Box 5695
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Y1A 5L5

Geoffrey D.Bradshaw (Geologist)
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V0N 3A0

Dan Connolly (CAT Operator)
Box 53 Atlin, B.C.
V0W 1A0

Megan B. Segsworth (Core Splitter)
5101 Francisco Court
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V7K 3K4

David A. Terry (Project Geologist)
Westmin Resources Limited
#904-1055 Dunsmuir Street, Vancouver, B.C.
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Bob Wagner (Camp Helper/Pad Builder)
Site 1, Box 7
Keno City, Yukon
V6B 1N2

APPENDIX C

GEOLOGIST CERTIFICATE

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, and Argentina 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 August 14 and September 15, 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 21 day of January, 1998.

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

APPENDIX D

DRILL LOGS (BN97-01-10)

Westmin Resources

DRILL LOG

PROJECT BENNETT	**GROUND ELEV.**
HOLE NO. BN97-02	**BEARING** 055° (010° GRID)
LOCATION PLATEAU ZONE - BENNETT GRID 10300E, 10835N	**DIP** -50
	TOTAL LENGTH 141.7 m
LOGGED BY G. BRADSHAW	**HORIZONTAL PROJECT**
DATE AUG. 25th / 1997	**VERTICAL PROJECT**
CONTRACTOR FALCON DRILLING	**ALTERATION SCALE**
CORE SIZE BTW	
DATE STARTED AUG 23th / 1997	
DATE COMPLETED AUG 26th / 1997	**TOTAL SULPHIDE SCALE**
DIP TESTS 35.7 m - 49° 141.7 m - 46°	

COMMENTS

PURPOSE - second hole on the Plateau zone the first to reach bedrock. Testing the center of a high chargability, low resistivity IP anomaly.

SUMMARY - 33.2 m of overburden covers a very deformed and tectonically brecciated sedimentary package consisting of strongly graphitic black argillite and a fine grey siltstone. Contains ~1% disseminated pyrite. Successfully explains geophysical anomaly, no further drilling on the Plateau.

LEGEND

PAGE 1 OF 11 | PROJECT: | HOLE NO. BN97-02

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (CO_3)	ALTERATION B (CHL)	ALTERATION C (SER)	ALTERATION D (ACT)	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.	VEINS/METER
31	DHOB			0 - 33.2 OVERBURDEN - mixture of massive looking boulders, pebbles of varying lithologies and brown sand and clay. DHOB								
32				33.2 - 99.6 BLACK - GREY MASSIVE GRAPHITIC ARGILLITE / ARGR								
33				TECTONIC FAULT BRECCIA - approximate upper contact, pebbly argillite w/ minor fault gouge to 35.8m. - Unit is black strongly graphitic argillite with abundant quartz / carbonate veins							0%	0
34											0%	0
35				- most of unit is intact but strongly fault gouged - laminae (orientation) are only rarely visible (veining unable + contorted							0%	0
36											30%	4
37				- Quartz + carbonate veins are mainly breccia fragments subangular to rounded, irregular,							15%	2
38				sizes ranging from 1mm to 10 cm, typically occupying 30-40% of rock.							10%	2
39				Vein fragments occasionally contain chlorite septae.							25%	2
40											0%	0
41											30%	1
42			30°								10%	1
43											0%	0
44											15%	3
45											5%	1
46											15%	2
47											0%	0
48											0%	0
49											15%	3
50											100%	4
51			tightly folded and contorted bedding								3%	1
52			30°								0%	0
53												

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PAGE 2 OF 11 | PROJECT: | HOLE NO. BJV97-02

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
- Trace - 1% fine disseminated pyrite within the argillite, on fracture surfaces and within fault gouge. Local coarser grained pyrite ass'd w/ qtz-CO_3 veins.		33.2	36.0	2.8	300001	
		36.0	38.7	2.7	300002	
		38.7	41.8	3.1	300003	
		41.8	46.9	5.1	300004	
		46.9	50.4	3.5	300005	
		50.4	52.8	2.4	300006	
		52.8	56.0	3.2	300007	

PAGE 3 OF 11 | PROJECT: | HOLE NO. BN97-02

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A CO_3	B CHL	C SER	D ACT	E	FRACTURE INTENSITY	% VEIN QTZ	VEINS //
54		ARGR		ARGR (cont.)							0	0
55											0	0
56											0	0
57											20%	0
58			30°								40%	0
59				Layering (bedding) parallel to core axis							5%	25
60											5%	60
61											5%	60
62				61.9-65.7 - well developed breccia texture, wide variety of quartz-CO_3 clasts in an argillite mtx. ~40-50% fragments							0	0
63											0	0
64				well developed breccia texture							0	0
65											0	0
66											0	0
67											0	0
68			30°								0	0
69				69.0-71.0 - uniformly black graphitic gouge							0	0
70											0	0
71											0	0
72											0	0
73				73.6-76.0 - strongly graphitic black gouge							0	0
74											0	0
75											0	0
76											0	0

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PAGE 4 OF 11	PROJECT:	HOLE NO. BN97-02

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		56.0	57.8	1.8	300008	
		57.8	59.7	1.9	300009	
		59.7	61.9	2.2	300010	
61.9 - 65.7 + 2-3% medium grained dull brown pyrite within a well developped breccia texture.		51.9	64.0	2.1	300011	
		64.0	66.0	2.0	300012	
		66.0	68.5	2.5	300013	
		68.5	70.9	2.4	300014	
		70.9	73.5	2.6	300015	
		73.5	75.4	1.9	300016	

PAGE 5 OF 11 | PROJECT: | HOLE NO. BN97-02

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A CO3	B CHL	C SER	D ACT	m	FRACTURE INTENSITY	% VEIN QTZ.	veins/m
77		ARGR (STRB)		ARGR (cont)							5%	8
78				ob qtz-Ca. vein fragments continue to persist							0	0
79											40	6
80			50°								20	4
81											0	0
82											0	0
83				well-mineralized breccia texture							0	0
84											0	0
85											0	0
86											0	
87											0	0
88											0	0
89											0	0
90			75°								0	0
91											0	0
92											0	0
93											0	0
94											0	0
95				sharp lower contact at ~60°, appears depositional.							0	0
96											0	
97											0	
98											0	0
99												

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PAGE 6 OF 11	PROJECT:	HOLE NO. BN97-02

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS			
		75.4	77.5	2.1	300017				
		77.5	79.6	2.1	300018				
		79.6	81.4	1.8	300019				
		81.4	83.2	1.8	300020				
		83.2	84.9	1.7	300021				
		84.9	86.5	1.6	300022				
		86.5	88.5	2.0	300023				
		88.5	90.3	1.8	300024				
		90.3	92.3	2.0	300025				
		92.3	94.3	2.0	300026				
		94.3	96.2	1.9	300027				
		96.2	98.0	1.8	300028				
		98.0	99.6	1.6	300029				

PAGE 7 OF 11 | PROJECT: | HOLE NO. BN97-02

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A CO_3	B CHL	C SER	D ACT	E	FRACTURE INTENSITY	% VEIN QTZ.	Veins/m
				99.6 - 117.8 LIGHT GREY FINE GRAINED WEAKLY LAMINATED								
100			35°	SLST SILTSTONE.								
101				- fairly uniform, massive looking fine grained sediment (contains several % ser/musc.								
102				- soft, fizzes slightly when powdered (weakly calcareous) (CO_3 cement?)								
103				- faint layering (bedding?) visible throughout most of unit. Typically very light grey to white. 0.5 - 2 mm wide oriented either parallel to or at very low angles to the core axis. Sometimes discontinuous. Rarely black and graphitic.								
104												
105			20°									
106				- some folding and deformation of sedimentary layering.								
107			35°	- minor cross cutting veins + blebs of qtz + CO_3, randomly oriented 1 mm wide.								
108				- traces of bright green non-micaceous mineral (same as below.)								
109												
110												
111												
				layering parallel to core axis.								
112												
113												
114												
115												
				115.7 - 117.7 - fault gouge + fault breccia								
116												
				broken core obscures l. ct. very sharp contact within broken core.								
117												
118				117.8 - 134.0 BLACK MASSIVE GRAPHITIC ARGILLITE / FAULT								
				ARGR GOUGE.								
119				- similar to above, but mainly just								
				strongly graphitic broken + gouged argillite. broken pieces of graphitic argillite, minor								
120				qtz-carbonate vein fragments, frequent								
				fault gouge zones								
121				- tightly folded and contorted fine laminations occ. visible.								
122												

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PAGE 8 OF 11	PROJECT:	HOLE NO. BN97-02

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS			
- Traces of disseminated fine grained pyrite.		99.6	101.2	1.6	300030				
		101.2	103.0	1.8	300031				
		103.0	104.8	1.8	300032				
		104.8	106.6	1.8	300033				
		106.6	108.5	1.9	300034				
		108.5	110.2	1.7	300035				
		110.2	112.2	2.0	300036				
		112.2	114.2	2.0	300037				
		114.2	115.3	1.1	300038				
		115.3	117.8	2.5	300039				
		117.8	120.7	2.9	300040				
Trace to 1% fine disseminated pyrite distributed thr. unit.									
		120.7	123.4	2.7	300041				

PAGE 9 OF 11 | PROJECT: | HOLE NO. BN97-02

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (CO_3)	ALTERATION B (CHL)	ALTERATION C (SER)	ALTERATION D (ACT)	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.	VEINS/M
123	ARGR			ARGR (cont.)							0	0
124											0	0
125				125.0-125.6 ⇒ fault breccia w/ qtz-CO_3 fragments as above. Qtz vein fragments and sub-mm stringers common.							0	0
126				local interbeds (up to 2cm thick) of a greenish micaceous rock (sediment?)							0	0
127											0	0
128				128.0-134.0 - intact core w/ folded and contorted laminae visible							0	0
129											0	0
130				layers at very low angles to core axis (~10°)							0	0
131				greenish interbeds							0	0
132				134.0-135.6 SLST: MIXED ZONE OF QUARTZ VEINS, GREY TO GREENISH FINE GRAINED SILTSTONE, GRAPHITIC ARGILLITE AND AN UNIDENTIFIED BRIGHT GREEN MINERAL							0	0
133				- broken core fault zone							0	0
134	SLST			sharp cts sel bc. - dominantly (~40%) fine grained grey siltstone (similar to SLST obv.) but with a greenish tinge. (calcareous)							30	2
135				- ~20% quartz veins with minor CO_3							20	3
136	ARGR			- ~10% overall of a bright green mineral (fuchsite?) - not consistently micaceous - seems to coat fractures in siltstone and quartz veins							0	0
137											0	0
138				graphitic gouge							0	0
139				135.5 ⇒ tiny crystals of tourmaline?							0	0
140				135.6-140.5 ARGR: BLACK-GREY GRAPHITIC ARGILLITE / FAULT GOUGE - same as above, very broken up.							0	0
141	SLST			- occ 1-3 mm x-cutting qtz stringers - layering is very contorted flt and generally at very low angles to C.A.							0	0
142				- sharp lower contact.								
143				EOH - 141.7								
144				139.8 - 1cm wide bed? of grey SLST w/ bright green fuchsite as above. Oriented ~10° to C.A.								
145												

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PAGE 10 OF 11	PROJECT:	HOLE NO. BN97 02

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		123.4	125.6	2.2	300042	
		125.6	128.0	2.4	300043	
		128.0	130.0	2.0	300044	
		130.0	132.2	2.2	300045	
Tr diss. py within quartz veins. Tiny amounts of grey sulphides - possibly arsenopyrite? (-135.5)		132.2	134.0	1.8	300046	
		134.0	135.6	1.6	300047	
		135.6	137.8	2.2	300048	
		137.8	140.5	2.7	300049	
Traces of fine disseminated pyrite.		140.5	141.7	1.2	300050	

PAGE 11 OF 11 | PROJECT: | HOLE NO. BN97-02

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.
				140.5-141.7 SLST	GREY FINE GRAINED MASSIVE SILTSTONE - similar to SLST above, calcareous with frequent qtz+CO_2 stringers in seemingly random orientations. Faint layering is visible - angle varies from 20° to c.a. near upper ct to 70° to c.a. near lower ct.							
					contains tr - 1% fine diss py.							
					141.7 - EOH.							

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DRILL LOG

PROJECT: BENNETT	GROUND ELEV.: 1510 m
HOLE NO.: BN 97-03	BEARING: 090°
LOCATION: SKARN ZONE 4992N, 4900E.	DIP: -45°
	TOTAL LENGTH: 130.5 m
LOGGED BY: G. BRADSHAW	HORIZONTAL PROJECT:
DATE: AUG 28	VERTICAL PROJECT:
CONTRACTOR: FALCON DRILLING	
CORE SIZE: BTW	
DATE STARTED: AUG 26	
DATE COMPLETED: AUG 27	
DIP TESTS: 112.2 m ⇒ -43°	

ALTERATION SCALE

absent
slight
moderate
intense

TOTAL SULPHIDE SCALE

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

COMMENTS

PURPOSE - drilling east to test possible mineralization on the supposedly steeply west dipping Paddy Fault.

SUMMARY - Deformed metasediments of the Boundary Range metamorphic package down to 22.8 m. An abrupt contact separates this unit from a more massive fine grained unit (possibly metamorphosed volcanics of the Stikinni Gp?). According to surface mapping this contact is the Paddy Fault, but no evidence for faulting in the core.

- Actinolite - carbonate - sulphide skarn zones are common in this lower unit, occurring as irregular patches and veinlets. Most mineralization (abundant po with minor cpy, py, asp) is associated with these zones.
- Lower unit continues to EOH but a distinct Feldspar, hornblende porphyritic dike interupts the stratigraphy from 42.8-60.2 m.

LEGEND

PAGE 1 OF 12 | PROJECT: | HOLE NO. BM97-03

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A CO_3	B CHL	C SER	D ACT	E	FRACTURE INTENSITY	% VEIN QTZ	VEINS/m
0				0-1.5 CASING DHCS								
1												
2				1.5-22.8 BCATI BLACK VERY FINE GRAINED FINELY LAMINATED ARGILLITE (ASH TUFF?)							5	1
3				- very deformed unit - part of the Paleozoic to Proterozoic Boundary Range metamorphic package							0	0
4				- Black very fine grained rock - interpreted to be an argillite or a highly strained and metamorphosed crystal-ash tuff.							5	1
5				- Fine laminations (interpreted to be S1 foliation) visible throughout unit at very low angles to the core axis.							0	0
6			38°	- Typically <1mm - 2mm wide often							0	0
7			23°	defined by grey quartzose material or stringers often folded and contorted.							0	0
8				- 1-3mm qtz blebs and stringers common, irregularly shaped and randomly oriented.							0	0
9											0	0
10				3.7-4.6 - light green fine grained massive andesite dike - sharp contacts are discordant to foliation. Contains Chl + actinolite.							0	0
11											0	0
12				- 1-2% patches + stringers of light brown ankerite and white calcite (w/ qtz) along foln. thr. unit.							0	0
13											0	0
14			30°	Very abrupt, irregular lower contact but no evidence of faulting observed.							0	0
15				(Fault contact between Boundary Range metamorphics and Stuhini Grp. volcanics expected from surface mapping.)							0	0
16			15°								40	13
17											0	0
18			27°								0	0
19											0	0
20											0	0
21			sharp int. ct. no evidence of faulting.								5	1
22			55°								0	0
23												

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PAGE 2 OF 12	PROJECT:	HOLE NO. BN97-03

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		1.5	3.7	2.2	300051	
~ 2% pyrite, typically fine dissemination and stringers on foliation. Also occurs as stringers ass/ w/ qtz veins						
~ 1% dark brown to bronze pyrrhotite patches and stringers (up to several mm) ass w/ qtz + CO_3 veins.		3.7	4.6	0.9	300052	
		4.6	6.4	1.8	300053	
Local traces of fine disseminated arsenopyrite - in quartz veins and clotted on foln.		6.4	8.3	1.9	300054	
5.0 m → coarse xtls of asp w/ tr cpy						
8.8 m → patchy arsenopyrite		8.3	10.3	2.0	300055	
		10.3	12.2	1.9	300056	
		12.2	14.3	2.1	300057	
		14.3	16.0	1.7	300058	
16.1 - 17.1 → zone of quartz veining w/ med.-coarse diss-stringer py.		16.0	17.1	1.1	300059	
Minor py stringers and traces of diss asp. (Minor CO_3 veining w/ qtz)		17.1	19.1	2.0	300060	
		19.1	21.0	1.9	300061	
		21.0	22.8	1.8	300062	

 PROJECT: HOLE NO. BN97-03

DEPTH (m) | % CORE REC | LITHOLOGY | STRUCTURE | GEOLOGICAL DESCRIPTION | ALTERATION: A CO_3, B CHL, C SER, D ACT, E | FRACTURE INTENSITY | % VEIN QTZ. | VEINS/M

Lithology column: AMSK (22.8–42.8 m); FAP (42.8 m onward)

22.8-42.8 ANST

GREY-BLACK VERY FINE GRAINED MASSIVE ANDESITIC TUFF / GREEN-BROWN ACTINOLITE-CARBONATE-SULPHIDE SKARN

- competent massive looking rock with no visible layering or foliation.
- uniformly very fine grained
- very dark grey to black colour, fairly siliceous (glassy) - possibly result of high T. meta.
- Interpreted to be a strongly metamorphosed or skarnified part of the Stuhini Grp. andesites because of the fine grained, massive texture. (massive flows or f.g tuffs?)

Faint layering occ. visible. S_0?

- Most of the rock is very altered (skarnified) and original volcanic textures are not visible.

← bedding? (30°)

- Skarn mineralization appears in irr. veins and patches size ranging from several mm to several tens of cm.
- Dominated by light green actinolite as radiating elongate prismatic crystals or massive crystalline aggregates.
- Pyrrhotite is also very common tht. as fine grained skeletal disseminations and lesser mm scale stringers. (see mineralization descriptions) lesser py + cpy + asp. Qtz blebs to ~1cm also common.
- A light brown mineral (possibly ankerite) is also common forming erratic irr. patches (rare stringers + veins) in the skarnified zones.

30.5-30.9 - zone dotted w/ angular-rounded 1-2 mm quartz "nippers" xtals?

- Approx 20% of entire unit is "skarnified"
- Qtz veins/patches infrequent and irregular - occupy ~ 2-3% of rock. (up to 5cm)
- Gradational lower contact.

(structure: 35°)

42.8-60.2 FAP

LIGHT GREY MASSIVE FELDSPAR-HORNBLENDE PORPHYRITIC DIKE.

- dark brown-black matrix to 43.6 m. gradational contact (or chill margin?)
- remainder of unit is a uniform light

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
Abundant sulphides. po > py > cpy > asp. ~ 8-10% po, ass/ wl skarnified zones. Occurs as fine disseminations and in stringers + veins w/ actinolite. ~ 2-3% py ass/ w/ po.		22.8	24.9	2.1	300063	
		24.9	26.8	1.9	300064	
Ld traces of asp + cpy also usu. occur w/ po within actinolite skarn zones.		26.8	28.8	2.0	300065	
		28.8	30.8	2.0	300066	
		30.8	32.2	1.4	300067	
		32.2	33.5	1.3	300068	
		33.5	35.3	1.8	300069	
		35.3	36.7	1.4	300070	
		36.7	38.7	2.0	300071	
		38.7	40.8	2.1	300072	
		40.8	42.8	2.0	300073	
		42.8	43.7	0.9	300074	
1-2% Fine diss. po Hst unit. traces of diss pyrite + arsenopy. Fairly uniform hst. unit.		43.7	45.7	2.0	300075	
		45.7	47.7	2.0	300076	

PROJECT:

HOLE NO. BN97-03

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A CO_2	B CHL	C SER	D ACT	E	FRACTURE INTENSITY	% VEIN QTZ.	VEINS
47–60		FAP			FAP (cont.) grey crowded feldspar-hbl. porphyry with a felsic composition. - contains ~20% subangular 1-2 mm feldspar crystals and ~15% smaller (~0.5×1 mm) lath shaped hornblende crystals. - grey aphanitic s[illegible]ceous groundmass. - fractures common, randomly oriented often oxidized. - lower contact similar to upper contact. gradual decrease in number of phenocrysts and [illegible] of matrix. - Interpreted to be [illegible] intrusive dike (probably Cretaceous) - may be related to skarn[illegible] zones in the Stuhini Gp.							0	0
60–68		AMSK	40°, 40°	60.2-1[illegible] ANST	BROWN-BLACK VERY FINE GRAINED ANDESITIC TUFF / GREEN-BROWN ACTINOLITE-CARBONATE -SULPHIDE SKARN. - similar unit to 22.8-42.8 above. - dominantly dark brown-black massive rock - patchy - stringer like green actinolite present tht. unit (~20%). Coarse prismatic crystals uncommon - usually massive fine grained aggregates. Intervals up to 30 cm. Veins typically 1-2 mm. - A patchy light brown mineral is ass/w/ actinolite - possibly a carbonate. Occurs as irregular patches 5-10 cm. - Fine layering (1-2 mm) sometimes visible - original bedding ?? - Quartz veins occur infrequently. (≥3% overall) randomly oriented. irregular 1-2 mm stringers to 10 cm veins. Often ass/w/ act.							0	0

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		47.7	49.6	1.9	300077	
		49.6	51.7	2.1	300078	
		51.7	53.7	2.0	300079	
		53.7	56.0	2.3	300080	
		56.0	58.4	2.4	300081	
		58.4	60.2	1.8	300082	
- 5-7 % py almost exclusively clotted within actinolite rich skarn zones. Typically aggregates of fine crystals in irregular patches. 1-2 % py, Tr cpy and local traces of asp. Mineralization clearly associated w/ actinolite skarn - ie. sulphides are more abundant in actinolite rich areas.		60.2	62.1	1.9	300083	
		62.1	63.8	1.7	300084	
		63.8	65.2	1.4	300085	
		65.2	66.5	1.3	300086	
		66.5	68.5	2.0	300087	

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A IO_3	ALTERATION B CHL	ALTERATION C SER	ALTERATION D ACT	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.	VEINS/m
70		AMSK		AMSK (cont.)							0	0
71											0	0
72											0	0
73			35°								0	0
74											0	0
75											0	0
76				75.2 - 76.0 ≈ 20cm qtz veins w/ numerous cross cutting actinolite laminae (subparallel). Tr po + py.							10	2
77											0	0
78											0	0
79											0	
80											0	0
81											0	0
82				81.8 - 82.1 - minor broken core, sand, oxidation + alteration, possible fault? some actinolite laminations + qv. - minor po.							0	0
83											10	1
84											0	0
85											0	0
86											0	0
87											0	0
88											0	0
89											0	0
90			45°	91.2 - 92.8 - ~15% irregular patchy qtz veins							0	0
91											0	0
92											15	1

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		68.5	70.5	2.0	300088	
		70.5	72.5	2.0	300089	
		72.5	74.3	1.8	300090	
		74.3	76.3	2.0	300091	
		76.3	78.3	2.0	300092	
		78.3	80.3	2.0	300093	
		80.3	82.3	2.0	300094	
		82.3	83.8	1.5	300095	
		83.8	85.7	1.9	300096	
		85.7	87.7	2.0	300097	
		87.7	89.4	1.7	300098	
		89.4	91.2	1.8	300099	
91.2 - coarse crystalline zsp in qtz vein - w/ min py		91.2	92.8	1.6	300100	

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (CO_3)	ALTERATION B (CHL)	ALTERATION C (SER)	ALTERATION D (ACT)	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.	VEINS/m
93		AMSK		AMSK (cont.)								
94				continues to alternate between green actinolite-sulphide skarn zones and dark green to brownish fine grained rock.								
95				(Patches to veinlets of green prismatic actinolite crystals w/ PO + min cpy.)								
96												
97												
98												
99												
100												
101												
102												
103			45°									
104				103.4 - 105 - dominated by purple brown skarn mineral.								
105				105.5 - minor calcite appears and persists to EOH. Very fine grained patchy, light grey colour. Assl w/ skarn zones (CO_3 alteration?) local grey-green alternating calcite actinolite bands.								
107												
108			35°	108.1 - 108.2 - broken core oxidation zone?								
109				108.4 - 10 cm of fault breccia.								
110												
111												
112												
113												
114												
115												

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		92.8	94.1	1.3	300101	
		94.1	95.9	1.8	300102	
95.0 - Traces of fine disseminated arsenopyrite.		95.9	97.4	1.5	300103	
		97.4	99.2	1.8	300104	
		99.2	101.4	2.2	300105	
		101.4	103.4	2.0	300106	
102.1 → veinlets po+cpy+qtz up to 1 cm wide.		103.4	105.0	1.6	300107	
102.23 → act vein 2 cm wide w/ po + cpy.		105.0	106.9	1.9	300108	
		106.9	108.9	2.0	300109	
		108.9	110.9	2.0	300110	
109.5 - patchy qtz w/i act. skarn + tr diss. cpy 111.4 - coarse asp. xt/s ass/w act skarn zone. 112.2-112.4 → randomly oriented sub-mm po veinlets w/ tr. diss cpy.		110.9	112.9	2.0	300111	
		112.9	115.0	2.1	300112	

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (CO_3)	ALTERATION B (CHL)	ALTERATION C (SER)	ALTERATION D (ACT)	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.
116	AMSK			AMSK (cont.)							
117											
118											
119											
120											
121				121.2 - 130.5 actinolite-quartz skarn							
122				continues to EOH.							
123											
124											
125											
126				126.2 - 126.6 : broken core + qtz carbonate							
127				infilling. Fault?							
128											
129											
130											
131				130.5 - EOH							
132											
133											
134											
135											
136											
137											
138											

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		116.0	116.5	1.5	300113	
		116.5	118.0	1.5	300114	
		118.0	119.4	1.4	300115	
118.9 - needle like po in minor diss cpy interstitial to prismatic actinolite crystals.		119.4	121.2	1.8	300116	
		121.2	123.2	2.0	300117	
		123.2	125.2	2.0	300118	
		125.2	127.2	2.0	300119	
		127.2	129.0	1.8	300120	
		129.0	130.5	1.5	300121	

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DRILL LOG

PROJECT: BENNETT	GROUND ELEV.: 1550m
HOLE NO.: BN97-04	BEARING: 270
LOCATION: SKARN ZONE 4883N, 5022E	DIP: -45
	TOTAL LENGTH: 89.9 m.
LOGGED BY: G. BRADSHAW	HORIZONTAL PROJECT:
DATE: AUG 30 / 1997	VERTICAL PROJECT:
CONTRACTOR: FALCON	
CORE SIZE: BTW	
DATE STARTED: AUG 28	
DATE COMPLETED: AUG 28	
DIP TESTS: 64.6m ⇒ -40.5°	

ALTERATION SCALE

absent
slight
moderate
intense

TOTAL SULPHIDE SCALE

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

COMMENTS

PURPOSE - Drilling west to test the possibility for mineralization on the steeply east dipping Paddy Fault, directly below the "Stibnite Pit".

SUMMARY -
- A fine grained, massive amygdaloidal rock: probably Stuhini Group Andesite, was encountered in the top of the hole, extending down to 41.7m.
- A mixed zone of altered + skarned andesite and carbonated fault breccia likely marks the Paddy Fault.
- This is followed by a fine layered carbonaceous rock of the Boundary Range Metamorphics.
- Skarn type mineralization is common in the Lower Boundary Range unit, with several % po with traces of cpy associated with actinolite - CO_3 alteration. No significant quartz veining or arsenopyrite mineralization.

LEGEND

PAGE 1 OF 8 | PROJECT: | HOLE NO. BN97-04

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A CO_3	B CHL	C SER	D ACT	E	FRACTURE INTENSITY	% VEIN QTZ.	VEIN/m
0				0-1.5 CASING							0	0
1				DHCS							0	0
2				1.5-13.5 DARK BROWN-BLACK MASSIVE AMYGDALOIDAL							0	0
3		ADMS	45°	ANST ANDESITE MIXED WITH LIGHT GREEN QUARTZ FELDSPAR PORPHYRY DIKES.							0	0
4				- dominantly a dark brown coloured, massive, very fine grained rock containg 3-5% rounded to subrounded qtz filled amygdules, some of which are calcareous.							0	0
5				- this rock is infiltrated by cross cutting light green massive fine grained intrusive dikes in random							0	0
6				dikes or possibly alteration zones? orientations - size ranging from 2mm to 1.5m.							0	0
7				- Dikes contain sparse (1-2%) small (~1mm) qtz + feldspar crystals and sparse rounded							0	0
8				qtz/calcite amygdules.							0	0
9				- Cross cutting CO_3 stringers/veinlets common thin. (1-5mm wide) - up to 5%.							0	0
10				- contacts between dikes and w.r. are diffuse and irregular (possible alteration zones??)							3	1
11				10.3-10.5 minor broken and oxidized core, abundant carbonate.							0	0
12											0	0
13											0	0
14		STFL		13.5-19.7 GREY/GREEN - LIGHT RUSTY BROWN CARBONATED FAULT ZONE.							0	0
15				- lithology appears to be mainly the light green intrusive described above. This zone							0	0
16				is dominated by a rusty light brown "ankerite" and the core is fairly broken up. Minor fault breccia.							0	0
17				- numerous cross cutting CO_3 veinlets (calcite ankerite)							0	0
18				PADDY FAULT?							0	0
19				18.1 - 10 cm qtz-CO_3 vein.							10	1
20											0	0
21				19.7-27.1 BLACK - DARK BROWN MASSIVE AMYGDALOIDAL							0	0
22		ADMS	45°	ANST ANDESITE							0	0
23				- same as the dark fine grained rock described in 1.5-13.5 m above.							0	0
				20.5-20.6 some broken and carbonated core.							0	0

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PAGE 2 OF 8	PROJECT:	HOLE NO. BN97-04

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	WIDTH	SAMPLE NUMBER	ASSAYS			
- Tr-1% py+pø, usually ass/wl cross cutting veinlets or patches of qtz/CO$_2$.		1.5	3.4	1.9	300122				
Dikes contain traces of diss py, pø and aspy.		3.4	5.5	2.1	300123				
		5.5	7.5	2.0	300124				
		7.5	9.7	2.2	300125				
10.9 . Tr. diss. aspy within qfp dike.									
		9.7	11.9	2.2	300126				
		11.9	13.5	1.6	300127				
- Traces of py+pø in cross-cutting veinlets.		13.5	15.6	2.1	300128				
		15.6	17.7	2.1	300129				
		17.7	19.7	2.0	300130				
- Trace diss py + pø.		19.7	21.7	2.0	300131				
		21.7	23.7	2.0	300132				

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (CO_3)	ALTERATION B (CHL)	ALTERATION C (SER)	ALTERATION D (ACT)	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.	VEINS/M
24	ADMS			ADMS (cont.)							0	0
25											0	0
26				27.1-28.1 FQP: LIGHT GREEN MASSIVE FINE GRAINED FELDSPAR QUARTZ PORPHYRY DIKE. - as described in 1.5-13.5 above. Cross cutting calcite veinlets common tint 0.25-5 mm. Diffuse contacts suggest this could be an alteration rather than a dike?							0	0
27			sharp irr. contacts								0	0
28	FQP										0	0
29	ADMS			28.1-41.7 ANST: DARK BROWN MASSIVE FINE GRAINED AMYGDALOIDAL ANDESITE. - same as 19.7-27.1 above. - abundant fractures at low angles to CA - minor chl on fracture surfaces. - locally very crowded wt qtz amygdules - 36.5-40.0 m ~ 10-15% round-subangular qtz filled amygdules up to 5 mm diam.							0	0
30											0	0
31											0	0
32											0	0
33											0	
34											0	0
35											0	0
36											0	0
37											0	0
38			abundant amygdules.								0	0
39				40.0-40.7 - FQP dike. Feldspar xtals tint ~5%, up to 4 mm. Sparse qtz xtls. laced w/ carbonate (calcite + dolomite) veins typically 5 mm wide ~ 30% of 70 cm unit. Sharp but diffuse contacts.							0	0
40											0	0
41											0	0
42				41.1 - 15 cm dike as above.							0	0
43	STFL			41.7-58.5 STFL: BROWN-GREY CARBONATED, BRECCIATED FAULT ZONE							0	0
44				Mixed zone - dominated by patchy light brown (carbonate?) mineral - sometimes massive. Cross cutting CO_3 (calcite dolomite ankerite) veinlets (stronger) common tint. (~20-30%)							0	0
45											0	0
46												

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PAGE 4 OF 8	PROJECT:	HOLE NO. BN97-04

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		23.7	25.4	1.7	300133	
		25.4	27.1	1.7	300134	
- Tr - 1% fine disseminated py + aspy.						
		27.1	28.1	1.0	300135	
		28.1	30.1	2.0	300136	
- Traces of F.g. disseminated py + pø.						
		30.1	32.1	2.0	300137	
		32.1	34.1	2.0	300138	
		34.1	36.3	2.2	300139	
		36.3	38.3	2.0	300140	
		38.3	40.0	1.7	300141	
		40.0	41.7	1.7	300142	
		41.7	43.7	2.0	300143	
- Only traces of sulphide mineralization: <1% py+pø distributed thr. unit. often ass/ wl CO_2 veinlets. Traces of cpy. Local traces of Arsenopyrite. 42.3-42.5 Tr aspy wl py+pø		43.7	46.1	2.4	300144	

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION
47	STFL			STFL (cont.)
48				47.5 - 48.4 - fault breccia zone, angular frags of WR. in a CO_3 mtx. (veinlets up to 3mm)
49				49.4 - 50.0 - actinolite - CO_3 skarn zone
50				50.4 - 51.7 - patchy light brown CO_3 mineral some anhedral along fractures. (possibly a skarn mineral)
51				
52				lower contact approximate.
53	BCATI			52.5 - 89.9 BCATI: BLACK FINELY LAMINATED FINE GRAINED CARBONACEOUS ARGILLITE.
54				- well foliated deformed meta-sediment -
55				- part of the Paleozoic - Proterozoic Boundary Range metamorphic package
56				- mm scale laminations thr unit - probably S_1 foliation. - Defined by qtz + lesser CO_3 often deformed and highly folded.
57				- abundant cross cutting CO_3 veinlets and patches (2-3%)
58			50°	- local actinolite - CO_3 skarn zones - contain patches - bands of light green massive actinolite, patchy brown CO_3 mineral and a light grey sugary t.g. cc.
59				- 1-5 mm actinolite veins present thr much of unit.
60				- Qtz veins small and infrequent, typically 1-2 cm wide.
61				
62			90°	62.8 - 63.2 - white qv with numerous cross-cutting actinolite veinlets (0.5-3 mm) in random orientations
63				
64				
65				
66				66.6 66.8 - 3-4 cm qvs with ab. actinolite veinlets within as above.
67			35°	
68				
69				

ALTERATION: A CO_3 | B CHL | C SER | D ACT | E

FRACTURE INTENSITY | % VEIN QTZ. | VEINS/M

Westmin Resources

PAGE 6 OF 8 | PROJECT: | HOLE NO. BN97-04

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		46.1	48.4	2.3	300145	
48.3 - trace of diss aspy		48.4	50.4	2.0	300146	
		50.4	52.5	2.1	300147	
- 3-5% diss py + Pø. Pø esp.		52.5	54.5	2.0	300148	
ass w/ skarn zones. Tr. Cpy within skarn zones. Local traces of aspy.		54.5	55.6	1.1	300149	
		55.6	57.5	1.9	300150	
		57.5	60.2	2.7	300151	
		60.2	61.7	1.5	300152	
		61.7	63.3	1.6	300153	
		63.3	65.3	2.0	300154	
		65.3	67.0	1.7	300155	
		67.0	69.0	2.0	300156	

PAGE 7 OF 8 | PROJECT: | HOLE NO. BN97-04

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A CO_3	B CHL	C SER	D ACT	E	FRACTURE INTENSITY	% VEIN QTZ.	VEINS/m
70				BCATI (cont.)							0	0
71			60°								1	11
72											0	0
73											0	0
74											0	0
75											0	0
76											0	0
77											0	0
78			65°								0	0
79											2	
80											0	0
81											0	0
82											2	6
83				83.7-85.3 - light grey-brownish zone. contains patchy brown CO_3 altn, ob. quartz + actinolite stringers. biss pyrite and tr cpy ass/w/ act.							0	0
84											2	
85											20	6
86			70°								0	0
87												
88												
89												
90				89.9 - EOH								
91												
92												

Westmin Resources

PAGE 8 OF 8	PROJECT:	HOLE NO. BN97-04

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		69.0	71.0	2.0	300157	
70.9 1cm qv w/ disc. pø.		71.0	73.0	2.0	300158	
		73.0	75.0	2.0	300159	
75.1 - 75.3 - pø + py stars in act. vlts.		75.0	76.9	1.9	300160	
77.2 - fracture (7mm wide) filled w/ py + aspy. (coarse xtls)		76.9	78.7	1.8	300161	
		78.7	80.7	2.0	300162	
		80.7	82.3	1.6	300163	
		82.3	83.7	1.4	300164	
		83.7	85.5	1.8	300165	
		85.5	87.5	2.0	300166	
		87.5	89.9	2.4	300167	

Westmin Resources

DRILL LOG

PROJECT: BENNETT	GROUND ELEV.: 1573 (GPS)
HOLE NO.: BN-97-05	BEARING: 090°
LOCATION: SKARN ZONE 4970E 4950N	DIP: -65
	TOTAL LENGTH: 122.2 m
LOGGED BY: G. BRADSHAW	HORIZONTAL PROJECT:
DATE: SEPT. 2/97	VERTICAL PROJECT:
CONTRACTOR: FALCON DRILLING	
CORE SIZE: BTW	
DATE STARTED:	
DATE COMPLETED:	
DIP TESTS: 106.7 ⇒ -61.5	

ALTERATION SCALE

absent
slight
moderate
intense

TOTAL SULPHIDE SCALE

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

COMMENTS

PURPOSE - To test for possible gold mineralization related to the feldspar amphibole porphyry dike intersected in the 1990 drilling. This hole will test ~50m down dip to the South.

SUMMARY - Hole is entirely within massive, fine grained volcanics of the Stuhini Group.
Augite phenocrysts are occasionally observed.
- Actinolite and CO_3 skarn type alteration is present throughout the unit. contains several % py with traces of cpy + aspy.
- Intersected the feldspar-hornblende porphyry dike (as expected) from 81.4-90.9 m. (Contains ~ 2-3% diss py + py.)
- 2 cm wide arsenopyrite rich quartz vein present at 79.5 m.

LEGEND

PAGE 1 OF 11 | PROJECT: | HOLE NO. BN97-05

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION (Ox A, CHL B, SER C, ACT D, E)	FRACTURE INTENSITY	% VEIN QTZ.	VEINS/M
0				0-1.5 CASING DHCS			0	0
1							0	0
2				1.5-81.4 GREEN MASSIVE FINE GRAINED APHYRIC ANST - AUGITE PORPHYRITIC ANDESITE FLOW.			0	0
3				(local APF) - dark green finely crystalline andesitic flow with local intervals (up to ~30 cm) containing ~10% 1-2 mm dark green sub-angular to angular augite phenocrysts.			0	0
4							0	0
5				- bulk of unit is massive and aphyric - no visible lowering of any kind.			0	0
6				- 10-20% patchy qtz + calcite occurs thr. unit. The minerals are associated and appear as irregularly shaped net-mesh patches and 0.5-2mm angular nodules (crystals?)			0	0
7							0	0
8				- Angular needle-like to rectangular calcite crystals locally present. (~ 3-5%)			0	0
9				- Lcl weak-moderate silicified zones with calcite and actinolite veins to ~5mm. weak-moderate patchy act. alteration occurs through much of unit. ("Hornfelsing")			0	0
10							0	0
11							0	0
12							0	0
13							0	0
14							0	0
15							0	0
16							0	0
17							0	0
18							0	0
19							0	0
20							0	0
21							0	0
22							0	0
23								

ANST

Westmin Resources

PAGE 2 OF 11	PROJECT:	HOLE NO. BN97-05

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		1.5	4.0	2.5	300168	
- Trace - 1% py + po ass w/ actinolite patches and veins. Local traces of cpy						
		4.0	6.0	2.0	300169	
		6.0	8.0	2.0	300170	
		8.0	10.0	2.0	300171	
		10.0	12.0	2.0	300172	
		12.0	14.0	2.0	300173	
		14.0	16.0	2.0	300174	
		16.0	18.0	2.0	300175	
		18.0	20.0	2.0	300176	
18.6 - Trace cpy (with po) in actinolite veinlets (2-3 mm wide)						
		20.0	22.0	2.0	300177	
		22.0	24.0	2.0	300178	

PAGE 3 OF 11 | PROJECT: | HOLE NO. BN97-05

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (CO3)	ALTERATION B (CHL)	ALTERATION C (SER)	ALTERATION D (ACT)	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.	VEIN/VN
24				AMST (cont.)								
25												
26												
27												
28												
29												
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
41												
42												
43												
44												
45												
46												

AMST

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PAGE 4 OF 11 | PROJECT: | HOLE NO. BN97-05

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		24.0	26.0	2.0	300179	
		26.0	28.0	2.0	300180	
27.2 - 27.3 traces of pos within actinolite alteration.		28.0	30.0	2.0	300181	
		30.0	32.0	2.0	300182	
		32.0	34.0	2.0	300183	
		34.0	36.0	2.0	300184	
		36.0	38.0	2.0	300185	
		38.0	40.0	2.0	300186	
		40.0	42.0	2.0	300187	
42.5 - diss. gtz + cpy within actinolite skarn		42.0	44.0	2.0	300188	
		44.0	46.0	2.0	300189	

PAGE 5 OF 11 | PROJECT: | HOLE NO. BN97-05

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (CO3)	ALTERATION B (CHL)	ALTERATION C (SER)	ALTERATION D (ACT)	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ
47	ANST			ANST (cont.)							0
48											0
49											0
50											0
51											0
52				51.5 → ab cross-cutting 1-2mm actinolite veinlets.							0
53											0
54				54.5 - 54.9 → minor rusty looking alteration							0
55				qtz-CO3 vein 60° to c.a.							0
				qtz-CO3 vein - 30° to c.a.							1
56				56.1 - 56.2 → minor rusty alterate + broken core.							5
57				- qtz-CO3 vein 15° to core axis							3
58				- qtz-CO3 vein 20° to c.a.							1
59				58.1 → qtz-CO3 vein - 20° to c.a.							0
60				59.0 - 59.5 → broken up core rusty alterate some lost core. fault?							0
61											0
62											0
63											0
64											0
65				~65.0-67.4 - good mottled actinolite-calcite skarn texture.							0
66											0
67											0
68											0
69											0

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PAGE 6 OF 11	PROJECT:	HOLE NO. BN97-05

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		46.0	48.0	2.0	300190	
46.6 - py, po mineralization w/ qtz within actinolite skarn.						
48.3 - 48.4 - coarse po + py mineralization within patchy actinolite.		48.0	50.0	2.0	300191	
		50.0	52.0	2.0	300192	
		52.0	54.0	2.0	300193	
		54.0	56.0	2.0	300194	
		56.0	58.0	2.0	300195	
57.1 - traces of aspy within 4mm wide qtz-CO_3 vein (~10° to c.a.)		58.0	60.0	2.0	300196	
58.1 - aspy clots up to 2mm within qtz-CO_3 veinlet 1 cm wide.		60.0	62.0	2.0	300197	
		62.0	64.0	2.0	300198	
		64.0	66.0	2.0	300199	
		66.0	68.0	2.0	300200	
		68.0	70.0	2.0	300201	

PAGE 7 OF 11 | PROJECT: | HOLE NO. BN97-05

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (CO3)	B (CHL)	C (SER)	D (ACT)	E	FRACTURE INTENSITY	% VEIN QTZ.	VEINS/m
70	ANST			ANST (cont.)								
				- brown massive fine grained rock continues with local actinolite-calcite skarnification.								
71												
				- 76.2 – 80.0 brown fine grained rock but w/ tiny light coloured speckles and 1-2% peppery coarse (~2mm) round PO dissemination. Lesser py. in the same habit, with traces of very fine diss. cpy.								
72												
73												
74												
75												
76												
77												
78				- 80.8 - 81.0 = cross cutting actinolite veins, patches.								
79			Ashy Vn. 55°									
80			81.4-90.9 FAP	LIGHT-DARK GREY FELDSPAR HORNBLENDE PORPHYRITIC DIKE.								
81	FAP	~25°		- colour varies from a light greenish grey to a dark grey. (lighter possibly due to sericite?)								
82			- cross cutting cc stars at 40°	- ~10% sub rounded to angular grey feldspar phenocrysts typically 1-2mm wide.								
83				- ~5% black needle-like to irregularly shaped hornblende phenocrysts - typically 0.5×2 mm								
84				- Very fine grained - aphanitic groundmass. moderately - highly siliceous.								
85				- Very massive texture, irregular fracturing								
86				- Rare cross-cutting calcite stars - (up to 1mm)								
87				- contacts gradual - dark coloured chill margins for ~40-60 cm.								
88												
89												
90				89.3-90.1 – broken - oxidized core								
91		~30°										
92												

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PAGE 8 OF 11	PROJECT:	HOLE NO. BN97-05

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		70.0	72.0	2.0	300202	
-76.2-80.0 coarse (~2mm) blackshot rounded po+py w/ traces of fine disseminated cpy within.		72.0	74.3	2.3	300203	
		74.3	76.7	2.4	300204	
		76.7	79.1	2.4	300205	
		79.1	79.6	0.5	300206	
79.5 - 1-2 cm wide massive arsenopyrite vein w/ minor qtz+py.		79.6	81.4	1.8	300207	
- 2-3% fine-coarse disseminated py+po thr. unit. Uniformly distributed often euhedral xtls.		81.4	83.1	1.7	300208	
		83.1	85.0	1.9	300209	
		85.0	87.2	2.2	300210	
		87.2	89.0	1.8	300211	
		89.0	90.9	1.9	300212	
		90.9	93.0	2.1	300213	

PAGE 9 OF 11 | PROJECT: | HOLE NO. BN97-05

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION
				90.9 - 122.2 GREEN MASSIVE FINE GRAINED APHYRIC
93				ANST ANDESITE FLOW. (FINE TUFF?)
				· same as 1.5-81.4, but quartz phenocrysts
94				rarely visible · mainly massive aphyric.
				· Actinolite - calcite steam zones common
95				that as irregular veinlets + patches
				(see altn' chart →)
96				
97				
				98.9 - 99.4 → several qtz-CO3 stars (up
98				to 3 mm - 25° to c.a.
				- qtz-CO3 veins 25° to c.a.
99				
100				
101				cc. vein, 30°
				101.6 - 2 cm cc. vein @ 30° to c.a
102				
				101.9 - 104.0 · dark brown massive rock
103				w/ no steam zones - contains several %
				round - angular ~1mm white feldspar
104				crystals - irregular feldspathic
				domains - coarser grained crystals in
105				matrix surrounded by fine grained rock.
				breccia fragments?
106				
107				
108				
109				109.0 - 111.0 · numerous irregular, randomly
				oriented cc. veins up to 1 cm wide.
110				
111				111.7 - 114.5 · feldspathic domains thin.
				interval as above.
112				
113				
114				
115				

ALTERATION: A (CO_3) | B (CHL) | C (SER) | D (ACT) | E

FRACTURE INTENSITY

% VEIN QTZ.

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PAGE 10 OF 11	PROJECT:	HOLE NO. BN97-05

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
~ 2-3% fine disseminated - stringer PO is common but within act. skarn zones. Traces of py + cpy.		93.0	95.0	2.0	300214	
		95.0	97.0	2.0	300215	
		97.0	99.0	2.0	300216	
		99.0	101.0	2.0	300217	
		101.0	103.0	2.0	300218	
		103.0	105.0	2.0	300219	
		105.0	107.0	2.0	300220	
		107.0	109.0	2.0	300221	
		109.0	111.0	2.0	300222	
		111.0	113.0	2.0	300223	
		113.0	115.0	2.0	300224	

PAGE 1 OF 1 | PROJECT: | HOLE NO. BN97-05

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A CO_3	B CHL	C SER	D ACT	E	FRACTURE INTENSITY	% VEIN QTZ.
116	ANST			ANST (cont.)							0
117				Feldspar xtl. rich domains continue to occur sporadically to end of hole. Possibly a fine xtal tuff?							0
118											0
119											0
120											0
121											0
122				122.2 - EOH							0

SAMPLES

115.0 - 117.0	2.0	300225
117.0 - 119.0	2.0	300226
119.0 - 120.5	1.5	300227
120.5 - 122.2	1.7	300228

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DRILL LOG

PROJECT: BENNETT	GROUND ELEV.: 1573 m (GPS)
HOLE NO.: BN-97-06	BEARING: 090°
LOCATION: SKARN ZONE 4970E 4950N	DIP: -45°
	TOTAL LENGTH: 124.1 m
LOGGED BY: G. BRADSHAW	HORIZONTAL PROJECT:
DATE: SEPT 2/97	VERTICAL PROJECT:
CONTRACTOR: FALCON DRILLING	
CORE SIZE: BTW	
DATE STARTED:	
DATE COMPLETED:	
DIP TESTS: 105.5 ⇒ -44°	

ALTERATION SCALE

absent
slight
moderate
intense

TOTAL SULPHIDE SCALE

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

COMMENTS

PURPOSE - Same as BN97-05, but hole shallowed to 45° - about 30 m separation at the target depth.

SUMMARY - Cored Stuhini Group andesites with local skarn zones (actinolite, calcite) containing up to 2% disseminated pø+py with trace cpy.
- Intersected feldspar-amphibole porphyry dike 93.6-103.6 m. Contains 1-2% pø with local traces of arsenopyrite.

LEGEND

PAGE 1 OF 11 | PROJECT: | HOLE NO. BN97-06

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A CO_3	B CHL	C SER	D ACT	E	FRACTURE INTENSITY	% VEIN QTZ.	VEINS/M.
0				0 - 1.5 CASING.							0	0
1				DHCS							0	0
2		V		1.5 - 93.6 GREEN-DARK BROWN MASSIVE FINE GRAINED ANST ANDESITE FLOW / ASH TUFF							0	0
3		V		- massive andesite of the Stuhini group							0	0
4		V		- dark green 1-2 mm sub-angular augite phenocrysts rarely visible							0	0
5		V		- irregular patches (10-20% overall) of qtz/feldspar + calcite throughout unit.							0	0
6				hydrothermal breccia? angular nodules in a net-mesh texture, often with irregular and diffuse boundaries. Possibly crystals? Patches are non-rounded.							0	0
7			30°	microfractures filled w/ calcite occur throughout unit. Typically 35-50° to core axis.							0	0
8				qtz-CO_3 microveins 10-35° - coarse bedding (flow contacts?) rarely visible - much of original textures obscured by secondary hornfelsing.							0	0
9				- generally greenschist facies metamorphism							0	0
10				ccc. dark brown massive intervals prob. due to addition of biotite through later contact metamorphism.							0	0
11				- weak-moderate patchy actinolite + calcite skarn-type alteration occurs throughout unit (see chart →)						2M	0	0
12											0	0
13		V		- Actinolite veinlets (up to 1/4in) common and randomly oriented. Calcite occurs typically as fine grey disseminations. (effervesses briskly w 10% HCl)							0	0
14											0	0
15											0	0
16				- Interpreted to be a mixture of andesitic augite phyric to aphyric flows and ash tuffs.							0	0
17											0	0
18			35°								0	0
19											0	0
20											0	
21											0	0
22			25°	1.5 cm. qtz-CO_3 vein 22.5 - 1.5 cm wide qtz-CO_3 vein 25° to c.a.							2	1
23												

Westmin Resources

PAGE 2 OF 11	PROJECT:	HOLE NO. BN97-06

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS			
- <1% suphides. Fine grained diss. po + py in trace amounts thr unit. Very fine stars (<1mm) within actinolite veinlets.		1.5	4.0	2.5	300229				
		4.0	6.0	2.0	300230				
		6.0	8.0	2.0	300231				
		8.0	10.0	2.0	300232				
		10.0	12.0	2.0	300233				
		12.0	14.0	2.0	300234				
		14.0	16.0	2.0	300235				
		16.0	18.0	2.0	300236				
		18.0	20.0	2.0	300237				
		20.0	22.0	2.0	300238				
		22.0	24.0	2.0	300239				

PROJECT:

HOLE NO. BN97-06

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A CO_3	B CHL	C SER	D ACT	E	FRACTURE INTENSITY	% VEIN QTZ.	VEIN/M
24				ANST (cont.)							0	0
				- calcite + actinolite stain mineralization								
25				continues..							0	0
26											0	0
27											0	0
				27.0 - 27.5 - abundant ankerite + biotite							1	1
28				rare, sugary cc. veining (up to 1 cm)							0	0
29											0	0
30											0	0
31											0	0
32											0	0
33											0	0
34			atz-CO_3 vein 30°	34.3 - 10 cm atz-CO_3 vein, 30° to c.a							10	1
35			20° cc veinlets	34.4 - grey felsic dike, 40 cm long, aphyric,							0	0
36				massive texture, cross cutting cc. veinlets.							0	0
				Fracture controlled pyrite mineralization (Tr-1%)								
37				rusty ankerite alteration (halos along							0	0
				fractures) - may be just a bleached								
38				alteration zone.							0	0
				38.4 - 39.1 - light grey "bleached" zone as							0	0
39			ankerite altn. fault zone?	above							0	0
				38.4 - 40.7 - intervals to 90 cm of								
40				rusty brown ankerite altn. and minor							0	0
				fault breccia - (Fault zone?)								
41											0	0
42											0	0
43				44.0 - 44.8 - several bleached zones as							0	0
				above, up to 30 cm w/ numerous late								
44			30° CO_3 vein.	calcite microveins.							0	0
				44.7 - 1.5 cm CO_3 vein.							10	1
45			45° CO_3-atz vein.	45.3 - 6 cm creamy CO_3-atz vein (~45°)							0	0
				paragenetic sequence CO_3 → sulphides + atz.								
46												

Westmin Resources

PAGE 4 OF 11	PROJECT:	HOLE NO. BN97-06

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS	
- Same as above, <1% sulphides overall. diss po + py often concentrated in actinolite/calcite pods.		24.0	26.0	2.0	300240		
		26.0	28.0	2.0	300241		
		28.0	30.0	2.0	300242		
		30.0	32.0	2.0	300243		
		32.0	34.0	2.0	300244		
		34.0	36.0	2.0	300245		
		36.0	38.0	2.0	300246		
		38.0	40.0	2.0	300247		
		40.0	42.0	2.0	300248		
		42.0	44.0	2.0	300249		
		44.0	46.0	2.0	300250		some fr. asply within qtz-CO3
44.7 - traces of pyrite + asply in qtz-CO3 vein 45.3 - traces of pyrite + asply in qtz-CO3 vein.							

PAGE 5 OF 11 | PROJECT: | HOLE NO. BN97-06

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (CO3)	ALTERATION B (CHL)	ALTERATION C (SER)	ALTERATION D (ACT)	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.	VEINS
47		ANST		ANST (cont.) - dark brown very fine tuff unit, patchy mottled skarn alteration texture.								
48												
49												
50												
51				51.3 - 53.8 - numerous randomly oriented cross-cutting actinolite microveinlets within dark brown v. fine mtx.								
52												
53				52.9 - 53.7 - broken core. Fe-ox + chlorite staining ab calcite brecciated texture. Possible fault.								
54												
55												
56			35°	2-3 mm cc. veinlets.								
57			10°									
58				57.3 - Tr diss po + cpy in a 3mm act veinlet. (45° to c.a.)								
59												
60												
61				61.4 - 63.8 - brown hornfelsed 'cherty' interval w/ ab actinolite microveins + pods. (ash tuff)								
62												
63												
64												
65												
66												
67												
68				69.0 - 73.0 - v.f.g. grey calcareous interval ab actinolite cc patches/veins. Locally has a breccia texture (cc + actinolite mtx).								
69												

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PAGE 6 OF 11 | PROJECT: | HOLE NO. BN97-06

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		46.0	48.0	2.0	300251	
		48.0	50.0	2.0	300252	
		50.0	52.0	2.0	300253	
		52.0	54.0	2.0	300254	
		54.0	56.0	2.0	300255	
		56.0	58.0	2.0	300256	
		58.0	60.0	2.0	300257	
59.5 - disseminated - stringer cpy > po in a fracture controlled cc veinlet. (within skarn area)		60.0	62.0	2.0	300258	
61.4 - 63.8 ⇒ 1-2% diss po w/ <1% cpy.		62.0	64.0	2.0	300259	
		64.0	66.0	2.0	300260	
		66.0	67.0	1.0	300261	
66.8 - 5 cm interval of disseminated stibnite within actinolite; no ass/veining. Soft, elongate crystals suggest mineral is stibnite rather than arsenopyrite.		67.0	68.0	1.0	300262	
		68.0	70.0	2.0	300263	

PAGE 7 OF 11 | PROJECT: | HOLE NO. BN97-06

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (CO3)	B (CHL)	C (SER)	D (ACT)	E	FRACTURE INTENSITY	% VEIN QTZ.	VEINS
70	ANST			ANST (cont.)								
71												
72				72.0 - 75.3 - augite porphyry - well developed. ~15% subrounded - subangular augite phenocrysts. ab. patches of nodular qtz as described on Page 1 - may be silica hydrothermal breccia.								
73												
74												
75												
76				75.3 - 77.2 - broken core ab FeOx + alteration. Minor brecciation. Possibly a fault zone								
77												
78				77.2 - 86.3 - mottled actinolite - cc stain ~2% diss py + cpy.								
79												
80												
81												
82												
83												
84			40°	qv (2cm)								
85												
86												
87												
88			40°	± qtz-CO3 vn.								
89				88.1 - 20 cm qtz zone w/ qtz-CO3 veining - 40° to c.a. Minor actinolite + limonite.								
90												
91				93.3-93.6 - patchy brown biotite. hornfelsing near intrusive contact? patchy calcite ± veins.								
92												

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PAGE 8 OF 11 | PROJECT: | HOLE NO. BN97-01

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		70.0	72.0	2.0	300264	
		72.0	74.0	2.0	300265	
		74.0	76.0	2.0	300266	
		76.0	78.0	2.0	300267	
		78.0	80.0	2.0	300268	
		80.0	82.0	2.0	300269	
		82.0	84.0	2.0	300270	
83.0 - 83.1 - fracture controlled crystalline po > py. Med - coarse grained.						
		84.0	86.0	2.0	300271	
		86.0	88.0	2.0	300272	
		88.0	90.0	2.0	300273	
		90.0	92.0	2.0	300274	

PAGE 9 OF 11 | PROJECT: | HOLE NO. BN97-06

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A (CO₂)	ALTERATION B (CHL)	ALTERATION C (EPI)	ALTERATION D (ACT)	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.	VEINS /m
93		FAP	~65°	93.6-103.6 FAP	LIGHT GREY FELDSPAR-HORNBLENDE PORPHYRY DIKE. - 50cm chill margin (dark coloured), but otherwise sharp upper contact. - aphanitic groundmass with ~20% 1-3 mm sub-rounded - angular euhedral plagioclase phenocrysts and 10-15% 0.5-2mm needle shaped black hornblende phenocrysts. - massive texture - occ. calcite microveins - interpreted to be a young (Cretaceous) dike - possibly apophysis of a larger granodiorite pluton								
104		ANST	60°	103.6-124.1 ANST	GREEN-BROWN MASSIVE FINE ANDESITE FLOWS / TUFFS. massive undeformed skarnified rocks of the Stuhini Group as above.								
107					103.6-104.3 numerous cc microveins, all oriented 40° to c.a. spaced 5-10 mm apart. (avg 0.25 mm wide) Larger veinlets have cores of green actinolite (calcite + actinolite para. sequence)								
110					106.25-106.55 - 'Pyrrhotite Breccia' black angular (argillite?) fragments with ab pervasive internal calcite filled microfractures within a fine grained pd matrix. 50-60% pd over interval.								
113					Strong skarning. diss pd + py (2-3%) abundant cc. veining throughout unit.								
114			60°	← CO₂ vein (1cm)									
115													

Westmin Resources

PAGE 10 OF 11	PROJECT:	HOLE NO. BN97-06

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
- 1-2% pø replacing hbl hnt. unit, pø+py often fill microfractures. tr. arsenopyrite. Up to 1% locally. (disseminated)		92.0	93.6	1.6	300275	
		93.6	95.6	2.0	300276	
		95.6	97.6	2.0	300277	
		97.6	99.6	2.0	300278	
101.2 - dotted aspy within cm irregular discontinuous 3 mm qV.		99.6	101.6	2.0	300279	
		101.6	103.6	2.0	300280	
		103.6	106.0	2.4	300281	
		106.0	108.0	2.0	300282	
		108.0	110.0	2.0	300283	
106.25-106.55 m 50-60% pø (see sup. page)		110.0	112.0	2.0	300284	
		112.0	114.0	2.0	300285	
		114.0	116.0	2.0	300286	

 PROJECT: HOLE NO. BN97-06

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A CO3	B CHL	C SER	D ACT	E	FRACTURE INTENSITY	% VEIN QTZ.	VEINS
		ANST		ANST (cont.)								
116				~116.0-121.0 patchy dark brown biotitization (hornfelsing)								
117												
118												
119												
120												
121				120.9 - 121.3 + abundant irregularly shaped qtz blebs ([illegible]?)								
122												
123												
124				124.1 @ EOH.								
125												

SAMPLES:

116.0 - 118.0	2.0	300287
118.0 - 120.0	2.0	300288
120.0 - 122.0	2.0	300289
122.0 - 124.1	2.1	300290

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DRILL LOG

PROJECT: BENNETT	GROUND ELEV.: 1573 m (GPS)
HOLE NO.: BN-97-07	BEARING: 090°
LOCATION: SKARN ZONE 4970E 4950N	DIP: -90°
	TOTAL LENGTH: 124.4
LOGGED BY: G. BRADSHAW	HORIZONTAL PROJECT
DATE: SEPT 2/97	VERTICAL PROJECT
CONTRACTOR: FALCON DRILLING	
CORE SIZE: BTW	
DATE STARTED	
DATE COMPLETED	
DIP TESTS: No Tests.	

ALTERATION SCALE

absent
slight
moderate
intense

TOTAL SULPHIDE SCALE

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

COMMENTS

PURPOSE - Final hole in a 3 hole fence testing the downdip potential of the precious metal vein system encountered in the 1990 drilling.

SUMMARY - Intersected an upper and lower feldspar amphibole porphyry from
- 74.6 - 78.0 m and 94.3 - 99.4 m respectively.
- Massive Stuhini Group andesites (cherty tuffs, flows) continue to 111.3.
- Boundary Range metamorphics start at 111.3 (angular unconformity?).
- consist of a biotite/quartz gneiss, well foliated - possibly after an ash tuff and fine grained siliciclastic metasediments
- Only Tr-1% diss pø + py with lcl traces of cpy in the Stuhini Group. BR is more mineralized w/ 1-2% py+pø and Tr. cpy+sfy

LEGEND

PAGE	OF 11	PROJECT:	HOLE NO. BN97-07

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A CO_3	B CHL	C SER	D ACT	E	FRACTURE INTENSITY	% VEIN QTZ.	VEINS/M

0 - 1.5 CASING
OHCS

1.5 - 74.6 DARK BROWN - GREEN MASSIVE FINE
ANST GRAINED ANDESITIC TUFFS / FLOWS.

- mixed lithic tuffs, aphyric and augite phyric flows of the Stuhini Group andesites.
- skarnification common, results in patchy actinolite biotite calcite alteration.
- Unit is massive and competent no visible layering, but coarse bedding rarely visible (contacts between different flows or tuffaceous units)
- irregular net-like patches of quartz occur periodically - consist of angular to subrounded nodules with diffuse boundaries. Hydrothermal silica breccia?

1.5 - 18.4 dark grey very fine grained cherty ash tuff. Local coarser intervals contain subrounded quartz grains with diffuse boundaries. (lapilli?)

18.4 - 74.6 - interbedded fine ash tuff and augite porphyry. Strong actinolite-calcite skarn alteration for most of this interval.

- Fine ash tuff (as above) up to 1m.
- Mainly (60-70%) mottled green actinolite-calcite rich unit. Dark green, subangular to sub-rounded 1-3mm augite phenocrysts appear locally in clusters.
- minor patches of dark brown biotite.

Lithology column: ANST

% VEIN QTZ. / VEINS/M (0 - 23 m): 0 / 0 throughout.

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PAGE 2 OF 11	PROJECT:	HOLE NO. BN97-07

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		1.5	4.0	2.5	300291	
- 1-2% Fine-medium grained diss. pyrite bht. unit Minor pø + traces of cpy common in skarnified zones						
		4.0	6.0	2.0	300292	
		6.0	8.0	2.0	300293	
		8.0	10.0	2.0	300294	
		10.0	12.0	2.0	300295	
		12.0	14.0	2.0	300296	
		14.0	16.0	2.0	300297	
		16.0	18.0	2.0	300298	
		18.0	20.0	2.0	300299	
		20.0	22.0	2.0	300300	
		22.0	24.0	2.0	300301	

PAGE 3 OF 11 | PROJECT: | HOLE NO. BN97-07

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (CO3)	ALTERATION B (CHL)	ALTERATION C (SER)	ALTERATION D (ACT)	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.	VEINS/M
24	ANST			ANST (cont.)							0	0
25				- cross cutting calcite microveins common							0	0
26				- ab patches of net textured alt. grains.							0	0
27											0	0
28											0	0
29											0	0
30											0	0
31											0	0
32											0	0
33											0	0
34											0	0
35											0	0
36											0	0
37				37.3 - 38.2 ⇒ broken core minor fox + ankerite.							0	0
38											0	0
39				38.2 - 43.0 ⇒ dark brown patchy biotite dominates. still ~10% diffuse patchy veinlike actinolite.							0	0
40											0	0
41											0	0
43											0	0
43				44.6 - 49.8 ⇒ mottled green + white augite porphyry. Ab calcite - often forming a blebby matrix for augite phenocrysts.							0	0
44											0	0
45				45.9 - 1cm CO_3 vein 35° to c.a., 2mm light brown alteration halo.							0	0
46												

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PAGE 4 OF 11	PROJECT:	HOLE NO. BN97-07

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS			
		24.0	26.0	2.0	300302				
		26.0	28.0	2.0	300303				
		28.0	30.0	2.0	300304				
		30.0	32.0	2.0	300305				
		32.0	34.0	2.0	300306				
		34.0	36.0	2.0	300307				
		36.0	38.0	2.0	300308				
		38.0	40.0	2.0	300309				
		40.0	42.0	2.0	300310				
		42.0	44.0	2.0	300311				
		44.0	46.0	2.0	300312				

PAGE 5 OF 11 | PROJECT: | HOLE NO. BN97-07

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (CO_3)	B (CHL)	C (SER)	D (ACT)	E	FRACTURE INTENSITY	% VEIN QTZ.	VEINS
47	ANST			ANST (cont.)							0	0
48											0	0
49											0	0
50				49.3 - 74.6 ± dark brown biotitic fine grained ash tuff with occ. lit. patches of act + cc. Subrounded 1-2 mm qtz grains possibly lapilli.							0	0
51											0	0
52											0	0
53				51.3 - 51.5 ± altered zone (blk rock) with minor calcite veining - up to 1 cm.							0	0
54				qtz microveins @ 30° to c.a.							0	0
55				54.5 - 58.0 : abundant qtz microveinlets up to 0.5 mm wide oriented at 30-35° to c.a. about 3 cm apart.							0	0
56											2	1
57											0	0
58											0	0
59											0	0
60											0	0
61				54.5 - 55.0 } strange alternating light to dark brn							0	0
62				57.0 - 58.1 } fine grained to coarse bands - ~1 cm							0	0
63				62.2 - 63.4 } wide, ~80° to core axis							0	0
64				63.6 - 1.5 cm rusty cc + ank vein.							0	0
65											0	0
66											0	0
67				67.0 - 68.0 ⇒ ~5% random calcite veins (up to 5 mm) with minor act.							0	0
68												
69												

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PAGE 6 OF 11	PROJECT:	HOLE NO. BN97-07

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		46.0	48.0	2.0	300313	
		48.0	50.0	2.0	300314	
		50.0	52.0	2.0	300315	
		52.0	54.0	2.0	300316	
		54.0	56.0	2.0	300317	
		56.0	58.0	2.0	300318	
		58.0	60.0	2.0	300319	
		60.0	62.0	2.0	300320	
		62.0	64.0	2.0	300321	
62.2 - 62.5 ab coarse disseminated pyrite. Assl w/ actinolite vein.						
		64.0	66.0	2.0	300322	
		66.0	68.0	2.0	300323	
		68.0	70.0	2.0	300324	

 PROJECT: HOLE NO. BN97-07

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	INTERVAL	GEOLOGICAL DESCRIPTION
69–74.6		ANST			ANST (cont.)
					- fairly sharp lower contact w/ FAP. ~70°
					72.5 - 73.0 m randomly oriented irregular calcite veins discontinuous up to ~5mm. min actinolite on margins.
74.6–78.0		FAP	~70°	74.6-78.0 FAP	LIGHT GREY FELDSPAR-HORNBLENDE PORPHYRY DIKE.
					- aphanitic quartzo feldspathic groundmass with ~30% 1-3mm sub-rounded - angular euhedral plagioclase phenocrysts and 10-15% black 0.5-2mm needle like hornblende phenocrysts
					- massive texture. Minor x-cutting qtz veins to 5mm
					- 40 cm chill margin precedes sharp lower contact.
78.0–92		ANST	~70°	78.0-94.3 ANST	BROWN MASSIVE FINE GRAINED ANDESITIC ASH TUFF
				- qtz-CO₂ veins up to 1cm. 30-45°	- massive, and fine grained siliceous looking unit. (Part of Stuhini Andesites)
					- Dark brown and hard - due to late biotitization? (hornfelsing)
					- Ab. calcite/actinolite random discontinuous veinlets. up to ~ 1cm.
					85.9 - 86.8 - abundant CO₂ alteration calcite veining ankerite. Minor broken core + brecciation.
					sharp lower contact at 94.3

ALTERATION: A = CO_3, B = CHL, C = SER, D = ACT, E; FRACTURE INTENSITY; % VEIN QTZ.; VEINS/M

% VEIN QTZ.	VEINS/M
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	
0	0
0	0
0	0
2	2
0	0
0	0
0	0
0	5
0	0
0	0
0	
3	2
0	0

Depth scale: 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92

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PAGE 8 OF 11 | PROJECT: | HOLE NO. BN97-07

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
69.7 - Trace po ass/ w/ actinolite vein						
		70.0	72.0	2.0	300325	
71.2 - trace po ass/ w/ actinolite vein.						
		72.0	74.6	2.6	300326	
- ~2% disseminated po w/ tr. py. Typically in round crystalline aggregates - 2mm diam.		74.6	76.2	1.6	300327	
		76.2	78.0	1.8	300328	
		78.0	80.0	2.0	300329	
- tr-1% disseminated po. lesser py. No sulphides ass/ w/ numerous calcite/qtz veins.		80.0	82.0	2.0	300330	
		82.0	84.0	2.0	300331	
		84.0	86.0	2.0	300332	
		86.0	88.0	2.0	300333	
		88.0	90.0	2.0	300334	
		90.0	92.0	2.0	300335	

PAGE 9 OF 11 | PROJECT: | HOLE NO. BN97-07

DEPTH (m)	INTERVAL / CODE	GEOLOGICAL DESCRIPTION
93–94		APF (cont)
		sharp but diffuse lower contact (~ 50° to c.a.)
94.3–99.4	94.3-99.4 FAP	LIGHT GREY FELDSPAR-HORNBLENDE PORPHYRY DIKE
		same as 74.6 - 78.0 above.
		Both are possibly apophyses of a larger granodiorite pluton?
		~30 cm chill margin precedes sharp lower contact.
99.4–111.3	99.4-111.3 ANST	BROWN MASSIVE FINE GRAINED ANDESITIC ASH TUFF
		same as above (78.0 - 94.3)
		massive dark brown unit
		2-3% cross cutting calcite veinlets - patches. Random orientations most < 1cm.
	1cm cc-act ← vein. (30°)	- Actinolite-calcite skarn offshoot towards base of unit.
	← 2cm CO3 vein. (30°)	
111.3–124.4	111.3-124.4 BCAT	BROWN WELL FOLIATED FINE GRAINED BIOTITE-QUARTZ GNEISS / ASH TUFF?
	(40°, ~75)	- brown very fine grained highly deformed rock of the Boundary Range metamorphics
		- contact very subtle no evidence of faulting.
		- finely laminated tuff. (s, foliation) layers often folded / contorted
	(60°)	- Mainly brown biotite with ~ 10% interlayered qtz + calcite.

ALTERATION columns: A CO_3, B CHL, C SER, D ACT, E; FRACTURE INTENSITY; % VEIN QTZ.

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PAGE 10 OF 11	PROJECT:	HOLE NO. BN97-07

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		93.0	94.3	2.3	300336	
- ~2% disseminated py with traces of pyrite.		94.3	96.9	2.6	300337	
		96.9	99.4	2.5	300338	
		99.4	102.0	2.6	300339	
- Traces of py along fractures - 1% po. within actinolite cc skarn. Traces of associated cpy.		102.0	106.0	4.0	300341	
		NO SAMPLE 300340 - combined into 300341				
		106.0	108.0	2.0	300342	
		108.0	110.0	2.0	300343	
109.1 + 5cm patch of actinolite skarn w/ ab diss po + tr cpy.						
- 1-2% po - lesser py both diss + clotted in quartz veins and diss thr unit. Local mesopyrite - fine crystals ass/w albite veins and stringers.		110.0	111.3	1.3	300344	
Diss po w/ tr cpy common in calcite/actinolite skarn zones.		111.3	112.8	1.5	300345	
		112.8	114.4	1.6	300346	
		114.4	116.4	2.0	300347	

PROJECT:

HOLE NO. BN97-07

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (CO_3)	B (CHL)	C (SER)	D (ACT)	E	FRACTURE INTENSITY	% VEIN QTZ.	VEINS/
116–125		BCAT	60°, 25°	- actinolite-calcite skarn common (114.3-118.0 m)							0	0
				- quartz veins common often irregularly shaped and discontinuous along foliation. calcite often occurs w/ quartz veins.							0	0
				116.44 - 1cm of bright green "fuchsite" ass w/ qtz veining.							0	0
				118.0 - 124.4 - ab diss + clotted py within quartz veins.							7	3
				121.5 - clotted cpy within 1cm actinolite patch.							5	3
				124.15 - coarse clots of py.							2	2
				124.4 - EOH							2	2
											0	0
											1	1
											0	

SAMPLES

116.4 - 118.0	1.6	300348
118.0 - 120.0	2.0	300349
120.0 - 122.0	2.0	300350
122.0 - 124.4	2.4	300351

Westmin Resources

DRILL LOG

PROJECT: BENNETT	GROUND ELEV.: 1575 MASL 1587m (GPS)
HOLE NO.: BN97-08	BEARING: 270°
LOCATION: SKARN ZONE GRID: 5020E/4825N	DIP: -45° TOTAL LENGTH: 119.7m
LOGGED BY: DAVID A. TERRY	HORIZONTAL PROJECT
DATE: SEPTEMBER 6, 1997	VERTICAL PROJECT
CONTRACTOR: FALCON DRILLING LTD.	ALTERATION SCALE: 0 1 2 3 — absent; slight; moderate; intense
CORE SIZE: BTW	
DATE STARTED: AUGUST 31, 1997	TOTAL SULPHIDE SCALE: 0 1 2 3 4 — traces only; < 1%; 1% – 3%; 3% – 10%; > 10%
DATE COMPLETED: SEPTEMBER 1, 1997	
DIP TESTS: ACID ETCH @ 68.28 -41.5 119.48 -41.5	

COMMENTS

Hole was drilled to test the Paddy Fault separating the Boundary Range Metamorphics from the Stuhini Volcanics -- for structurally controlled gold mineralization. Skattered occurrences of arsenopyrite vein mineralization along the trace of the Paddy Fault assayed up to 5 grams Au/tonne.

The hole collared in Andesitic tuffs & dark Cherts of the Stuhini Group and Passed into Boundary Range type lithologies at 28 metres depth. No significant fault zone was observed, however, an interval of strongly broken core occurs @ 36m depth.

The contact is marked by a distinct Pink Cherty tuff unit. At the contact and below it veins of coarse-grained arsenopyrite are associated with quartz and up to 6 cm.

Pyrite-pyrrhotite-chalcopyrite mineralization is present throughout the hole -- commonly associated w/ garnets and actinolite-calcite alteration.

LEGEND

PAGE 1 OF 12 | PROJECT: BENNETT | HOLE NO. BN97-08

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A CO_3	B CHL	C SER	D ACT	E	FRACTURE INTENSITY	% VEIN QTZ	VEINS / M

0.00-1.52 OVERBURDEN

1.52-5.50 BROWN TO MAUVE ANDESITIC LITHIC ASH TUFF.
- Light brown to incipiently mauve.
- fine-grained cherty baked appearance.
- local cm-scale bands of lithic clast mate to 1cm in size sub-rounded - sub angular.
- moderate cc both disseminated throughout matrix and in fracture veinlets @ 70-80° to c/a.
- sparse cc>qz veinlets are 3-4mm
- FeOx fractures ⊥ to c/a.

5.50-11.80 BLACK CHERT
- jet black coloured
- fine-grained w/ locally interbeds of brownish silty matl (2-4 cm)
- riddled w/ cc veinlets @ 20-40° c/a locally @ 70-90° to c/a.

8.6m Light grey-green siliceous [illegible]
8.75-9.85 - light yellow/green col. [illegible] which has anastomosing sol'n ?? veinlets w/ blk ch'y angular fragments and minor cc. = alt'd zones. Local spotty emerald green staining
10.5-11.35 bxd/brown blk chert w/ siliceous mx w/ cc fractures.

11.80-26.15 GREEN-BROWN ANDESITIC ASH-LITHIC LAPPILI TUFF/BRECCIA
- Medium green to mauvey brown col.
- fg + cly - mosaicy - lapilli size frags.
- overall displays a mottled & heterogeneous aspect.
- localized subangular to subrounded lithic clasts to 4cm.
- only locally w/ cc fractures

19.2-20.0
- <1-3cm mottled and frags in fg brown mx.

22.5-24.5 - mauve-brown coloured And tuff bx.

Depth (m): 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23

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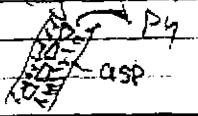
PAGE 2 OF 12 | PROJECT: BENNETT | HOLE NO. BN97-08

MINERALIZATION DESCRIPTION	FROM	TO	WIDTH	SAMPLE NUMBER	Au
-overall 1-2% fraccon & dissd py (fg-mg sub-euhedral) 3.75-4.00 fracden veinlets to 4mm comprising py (sub-euhedral, mg-fg) & aspy. (fg-mg sub-euhedral)	1.52	4.00		300352	
- py after sb - @ 15° & 70° to C/a. 	4.00	5.50		300353	
	5.50	8.00		300354	
-trace to 1% vfg py-po	8.00	10.00		300355	
8.75-9.85 - fg-mg sub-euhedral py, po, asp associated w qz-cc stringers cutting through alt'd interval. 9.85-11.80 - tr-1% fg py	10.00	11.80		300356	
	11.80	13.00		300357	285
	13.00	15.00		300358	1945
14.0-15.0 local 3-7mm act po×py veinlets @ 20-30° to C/a.	15.00	17.00		300359	
@ 17.25 - 8mm qz act. veinlet w 3% mg py. 17.20-17.65 - brown coloured interval w localized mg sub & fg fracwn silvery aspy & tr-1% fraccon & dissd py/po (mg-fg sub-euhedral)	17.00	19.00		300360	
19.20-19.6 - interval w fraccon & diqid fg-mg subhedral aspy-pq assoc w cc-act veinlets.	19.00	21.00		300361	
	21.00	23.00		300362	
	23.00	24.00		300363	

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (CO3)	ALTERATION B (CHL)	ALTERATION C (SER)	ALTERATION D (ACT)	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.
24				23.0-24.0 - brown stained interval containing several qz-cc veinlets @ 50°-70° to c/a							0
25											0
26				26.15-27.65 GREY-GREEN CALCAREOUS TUFFACEOUS SAND (ANDESITIC)							0
27				- grey green coloured - sandy to contorted texture. - patches of feathery actinolite up to 1cm in size.						A	0
28											
29				27.65-28.04 BROWN-BANDED SILICEOUS TUFFACEOUS ARGILLITE							
30				- mulim brownish red col.							
31				- banding(s) @ 70°-80° to c/a. - rock is quite hard & siliceous and is likely a mixed siliceous argillite.							
32											
33				- sandy local pockets of cc.							
34				28.04-30.63 GREY-PINK BANDED CHERTY TUFF - light grey to light pink coloured - laminated, fine-grained and v. cherty w/ clasts of qz							
35				- locally a sandy grey texture.							
36				- local fine (2-3mm) x-cutting qz carb veinlets @ 10-30° to c/a.							
37				* Beginning of Boundary Ranges Suite? 28.04-29.3 - light pink coloured matl.							
38				29.3-30.63 - light grey coloured - CHL- sandy interval							
39											
40				30.63-66.45 BLACK-BROWN LAMINATED CHERTY TUFFACEOUS ARGILLITE - black to locally dark brown							
41				- fine-grained; locally light col. bands							
42				- v. hard & CHL; sparse qz carb veinlets - similar to interval btwn 27.65 and 28.04							
43				- local cc assoc'd w/ fine qz-carb veinlets							
44				- foliation/layering @ ~ 65° to c/a.							
45				36.0-37.0 - broken & FeO coated core; qz/cc veinlet @ 70° to c/a							
46											

STIKINIA GROUP

BOUNDARY RANGES

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PAGE 4 OF 12	PROJECT: BENNETT	HOLE NO. BN97-08

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS			
23.0-24.0 fg py & trace fg aspy associated w/ cc contacts.		24.00	25.00		300416				
23.0-26.15 - trace po-py, aspy diss'd throughout core.		25.00	26.15		300364				
		26.15	27.65		300365				
- trace fg py/po		27.65	28.70		300366				
*Sample 300367 contains most sig aspy min'n.		28.70	29.30	0.60	300367				
- fracture mg sub py along fractures @ 25°-30° to c/a.		29.30	30.63	1.33	300368				
- diss'd fg py-po (1-2%).		30.63	32.00		300369				
*Sample 300417 contains 3 >1cm aspy blebs.		32.00	33.20		300370				
28.04-28.7 diss & fracture fg po-py.		33.20	34.20	1.00	300417				
28.7-29.3 contains 5-7% mg sub-euhedral aspy assoc'd w/ irregular milky white fg qz veining; fg aspy also coating fine fracts.		34.20	35.00		300371				
		35.00	36.00		300418				
- aspy and mass aggregates.		36.00	38.00		300372				
33.32 - 1.5 cm aspy ≥ qz vein @ 60° to ca; cg sub aspy		38.00	40.00		300373				
33.8 - aa. 34.14 - aa - qz-aspy vn can be seen to pinch down from 4.5cm to 2cm w/in the width of the core boudinaged(?)		40.00	42.00		300374				
30.63-50.0 local w/ aspy veinlets containing fg po-py-cpy (act-cc) and local fine fracture conc of aspy		42.00	44.00		300375				
39.0 - 8mm qz aspy veinlets. 43.7-44.2 - diss'd bands of 1-2mm sub aspy xtls (up to 20% over 2cm) // to fabric in blocky rock. (2-3% over interval)		44.00	46.00		300376				
- aspy xtls randomly oriented.		46.00	48.00		300377				

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A CO_3	ALTERATION B CHL	ALTERATION C SER	ALTERATION D ACT	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.	qv/m
				45.35 qz act vein @ 50° to C/a.								
47			60	47.0-48.0 interval of abundant milky white qz - act veins up to 11cm in thickness parallel to the fabric in the rock. - locally veins are qz-cc							20	3
48												
49												
50				50.90- cc act bands up to 10 cm in thickness, // to fabric,								
51				52.0 - cc veinlet @ 30° to C/a.								
52			30	52.6-53.1 - light grey coloured siliceous interval.								
53												
54												
55												
56				56.43 - 10cm qz vein @ 65° to C/a w fracture py mica.							10	1
57				57.9 - 5cm qz vein @ 75° to C/a.								
58												
59			30	58.67 - 13 cm qz w py > aspy on X-cutting fractures.								
60				60.0-61.0 several 1cm wide qv's w fracture py + aspy							2	3
61												
62				61-66.45 - contains cm scale bands of turquoise-green coloured actinolite >> cc w diss'd po-py mica (to-1%)								
63												
64			25									
65												
66				66.45-69.20 QUARTZ BANDED BROWN CHERTY TUFF							10	
67			70	- Red-brown to green coloured - abundant milky white qz ribbons giving striped appearance							15	10
68											2	
69												

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PAGE 6 OF 12 | PROJECT: BENNETT | HOLE NO. BN97-08

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS			
		48.00	50.00		300378				
		50.00	52.00		300379				
51.65 1-2cm qz>py veinlet w trace aspy. 51.65-52.6 - 1-2% diss'd & stringer py-po min'n.									
53.1 - tr - locally 1% fg py-po-aspy as diss'n or fabric // stringers.		52.00	54.00		300380				
55.4 - 1cm qz vein w trace fg aspy needles @ 60° to c/a.		54.00	56.00		300381				
56.4 - fg po in veinlet ~1cm on margin of qv.		56.00	58.00		300382				
57.9 - fg fracture py assoc'd w qv.		58.00	60.00		300383				
58.67 - py & aspy in qv.		60.00	62.00		300384				
60-61 - py & aspy (fg) assoc'd w qv.									
66.0-66.45 - tr - 1% diss'd po py		62.00	64.00		300385				
		64.00	66.45		300386				
66.5 fg py+po-cpy-aspy associated w qz veining & act. patches; sulphides occur along fractures; py-fg sub-euhedral		66.45	67.70		300387				
67.7-68.1 cg veinlets of po>py>cpy sub parallel to c/a and as fracture fillings in milky white qv; fg agg. sub-anhedral		67.70	68.10		300388				
- cpy after po - paragenesis.		68.10	69.20		300389				

 PROJECT: BENNETT HOLE NO. BN97-08

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A CO3	B CHL	C SER	D ACT	E	FRACTURE INTENSITY	% VEIN QTZ.	qv/m
					66.45-66.60 – interval w abundant							10	
70					milky white fg qz.								
					66.9-67.0 – fabric ... & ‖ to (fa.								
					67.7-68.1 – 50% ...								
71				69.20-80.05	DARKGREY GREEN CHERTY								
					ASH TUFF –								
72					– similar to unit between 30.63 & 66.45								
					– varies from reddish brown to green								
73					to grey coloured.								
					– generally strongly banded w light								
74			80		coloured siliceous bands								
					– fg cherty texture.								
75					– 73.9-75.7 – interval w moderate								
					... of milky qz's ‖ to fabric								
76					w ... green act to brn.								
77					78.7-80.05 – as above.								
78					– ... in the whole								
					interval.								
79			90										
80				80.05-82.10	LIGHT GREY GREEN CHERTY								
81					FELSIC VOLCANIC / TUFF								
					– mass ... grey bands (cm scale)								
82					– fine grained								
					– contorted patchy brown ... altn								
83				82.10-88.60	DARKBROWN QUARTZ-BANDED								
					CHERTY TUFF – BRECCIATED.								
84					– reddish brown to light green coloured								
					– overall fine-grained & highly								
85					contorted.								
					– abundant light coloured calcareous								
86			90		domains 5mm to 7cm in size								
					as well as irregularly shaped								
87					actinolitic green domains in								
					a fine-grained brownish mx.								
88					86.9-87.8 – light coloured silica-carbonate								
					rich domains.								
89				88.60-91.00	TIGER STRIPED GNEISS							1	
90					– 50/50 dark fg bands striped ...								
					yellowish raggedy edged carbonate								
91			85		domains ~ 2-4 mm in width.								
					– moderate Rxn w HCL								
92					89.8 · 7 cm interval w 75% qv								

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PAGE 8 OF 12	PROJECT: BENNETT	HOLE NO. BN97-08

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		69.20	71.00		300390	
		71.00	73.00		300391	
- overall Tr-1% fg-mg sub-euhedral po-py as fabric // veinlets and & disseminations						
		73.00	75.00		300392	
73.7 - 2cm act po>py veinlet // fabric.						
75.1 1cm fracture controlled Po @ 45°						
75.2 1cm wide po-act veinlet @ 45° to C/a.		75.00	77.00		300393	
76.9 po associated w 2cm quartz vein.						
		77.00	78.50		300394	
		78.50	80.05		300395	
		80.05	82.10		300396	
		82.10	84.00		300397	
		84.00	86.00		300398	
		86.00	88.60		300399	
		88.60	91.00		300400	
		91.00	93.00		300401	

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION
				91.00-95.80 BROWN-BLACK LAMINATED CHERTY TUFFACEOUS ARGILLITE
93			85	- reddish brown to black
94				- banded on a sub-mm scale to light coloured siliceous bands ~1mm to thicker.
95			65	91.1 4cm qz act vein // foliation @ 70° to ca
96				93.35-94.13 - sericite-quartz rich interval w qz-ca vns // foliation
97				
				95.80-102.85 LIGHT GREY GREEN QUARTZ-SERICITE BEARING VOLCANIC-TUFF
98	cc			- light yellowy grey green colour
99			60	- fg mod banding
100				- intensely foliated tuffaceous protolith
				- locally clay gouge zones.
101	cc			- irregularly dist'd veinlets locally up to 1cm in size.
102				96.0-97.6 ~ 60% brownish coloured fg banded bands similar to setting of above interval.
103				98.1-98.65 ca
				99.2-100.35 - fg ch'y light grey col interval similar to portions of above unit.
104				
105				
				102.85-110.9 BROWN-GREEN CRYSTAL LITHIC ASH LAPILLI TUFF
106			55	- dark reddish brown to red green
107				- massive domains to crowded heterogeneously dist'd rock frags & qtz interspersed to lesser banded light-dark foliated domains
108				- cc alt'n wk-absent.
109				- ash mx -- prob. intermediate protolith.
110				- brown colouration due to fine bio?
111				106.0-106.15 interval dominated by 1cm wide light coloured silic bands w yellowish ser-ep. & deformed-cc domains to minor po
112				
113				
114				
115				

ALTERATION: A CO_3 | B CHL | C SER | D ACT | E

FRACTURE INTENSITY | % VEIN QTZ. | qv/m

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PAGE 10 OF 12	PROJECT: BENNETT	HOLE NO. BN97-08

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
94.0 - minor py associated w qz-cc vn.		93.00	94.50		300402	
94.3 - 2 cm interval w 20% po>py in fabric // stringers - fg - mg sub.		94.50	95.80		300403	
95.0-95.2 - py-po bands to 6mm // to fabric -		95.80	98.00		300404	
- locally minor po-py associated w fracture qz-cc stringers,		98.00	100.00		300405	
		100.00	102.85		300406	
		102.85	105.00		300407	
		105.00	107.00		300408	
- overall 1- 1% disst py-po-cpy associated to actinolitic dom.						
106.75-106.87 - interval containing several fine, course patches of po>cpy up to 1cm in width.		107.00	109.00		300409	
		109.00	110.90		300410	
		110.90	113.00		300411	
		113.00	115.00		300412	
		115.00	117.17		300413	

PROJECT: BENNETT

HOLE NO. BN97-08

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION		ALTERATION A	B	C	D	E	FRACTURE INTENSITY	% VEIN QTZ.	
				1109-117.17	TIGER-STRIPED GNEISS								
116					- similar in appearance to unit between								
					88.60 and 91.00.								
					- mm-cm scale bands of light (straw) yellowish								
117					coloured fu-mafic interbanded w darker							1	1
					green bi & actinolite bands								
118												2	1
			70		- only wk cc associated w sparse							3	2
119					qz-cc veinlets.								
					- rock likely protolithed in intermediate								
					siliceous sed?								
					- coarser-grained intervals look less								
					banded than finer-grained areas								
				117.17-119.7	BROWN-GREEN CRYSTAL ASH TUFF								
					- similar in appearance to unit								
					between 102.85 and 110.9 but lacking								
					larger lapilli sized clasts.								
					- overall a strong banded appearance								
					between brown coloured (bio) bands								
					and lighter green coloured qz-act (cc)								
					domains.								
					- occ milky white qz's to 1cm wide.								
					parallel to layering in rock.								
					118.35 - 2 1cm milky white qz's.								
					119.05 - 5 cm ccc								
				119.7	END OF HOLE								

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PAGE 12 OF 12	PROJECT: BENNETT	HOLE NO. BN97-08

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS			
- tr-1% po-py-cpy diss'd throughout - locally greater conc associated w patches of act-cc		117.17	118.5		300414				
		118.5	119.70		300415				
- overall tr-1% po-py-(cpy) throughout - po-py-cpy more conc'd in qvs where they can comprise up to several % over 2-3 cm.									

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DRILL LOG

PROJECT: BENNETT	GROUND ELEV.: 1575 MASL 1587m (GPS)
HOLE NO.: BN97-09	BEARING: 270°
LOCATION: SKARN ZONE GRID 5020E/4825N	DIP: -65°
	TOTAL LENGTH: 114.0 m
LOGGED BY: DAVID A. TERRY	HORIZONTAL PROJECT:
DATE: SEPTEMBER 7, 1997	VERTICAL PROJECT:
CONTRACTOR: FALCON DRILLING LTD.	
CORE SIZE: BTW	
DATE STARTED: SEPTEMBER 1, 1997	
DATE COMPLETED: SEPTEMBER 2, 1997	
DIP TESTS: ACID ETCH @ 49.07m => -64° 99.10m => NO ETCH	

ALTERATION SCALE

absent
slight
moderate
intense

TOTAL SULPHIDE SCALE

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

COMMENTS

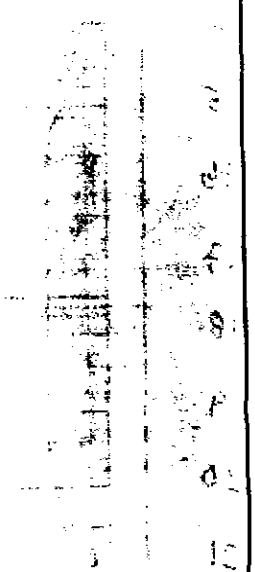
Hole 9 was drilled to test the dip extent of the mineralization intersected in hole BN97-08 and to see if it improved @ all with depth.

Similar lithologies to hole 8 were observed in this hole and many directly correlate. As well similar styles and localization of arsenopyrite, pyrite - pyrrhotite - chalcopyrite mineralization were observed.

The main difference between this hole & hole 8 are: 1) Hole 9 contained more -- and thicker quartz veins @ associated sulphide mineralization and chl-act. slips.

2) Hole 9 ended in a massive Feldspar-Amphibole Porphyry dike/sill -- a lithology not observed in hole BN97-08

LEGEND



PAGE 1 OF 11 | PROJECT: BENNETT | HOLE NO. BN97-09

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A CO3	B CHL	C SER	D ACT	E	FRACTURE INTENSITY	% VEIN QTZ.	VEINS (M
0				0.00-3.05 OVER BURDEN								
1												
2												
3			55	3.05-3.70 BROWN AMYGDALOIDAL ANDESITE - reddish-brown colour - 15% irregularly shaped amyg to 8mm filled w/ qz								
4												
5				3.70-8.55 BROWN-BLACK ANDESITIC ASH TUFF - dark coloured, fg & rel homogeneously tex'd, - hornfelsed and ash tuff - locally pockets of fg cc in mx 7.2-8.55 - cut by 5-10% irregularly oriented cc filled veinlets								
6												
7												
8												
9				8.55-14.55 BLACK CHERT - jet black fg cryptocrystalline rock w/ local intervals of fg brownish tuffaceous ash matrix, - overall homogeneously textured - cut by many (~10%) cc filled tension gashes - @ irregular angles - commonly 45° to c/a, up to 1cm thick - general, rel. well defined upper and lower contacts, 10.8-11.25 - light brown coloured Px ϕc tuff/flow.								
10												
11												
12												
13												
14												
15				14.55-23.10 GREEN-BROWN ASH/LITHIC LAPILLI ANDESITIC TUFF/BRECCIA. - Pale green to reddish brown coloured, - fine-grained homogeneously textured intervals up to several meters thick - interlayered w/ chaotic heterogeneously textured intervals (commonly fine brownish coloured domains) w/ cg white silica domains cut by a network of fine cut lined hairline fractures, - such intervals commonly have a very mottled appearance, - texturally likely a result of steady dep of Andesitic ash w/ occasional coarser-grained debris slides/volcaniclastic breccia deposits being laid down intermittently,								
16												
17												
18												
19												
20												
21												
22												
23												

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PAGE 2 OF 11	PROJECT: BENNETT	HOLE NO. BN97-09

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au			
- trace - 1% fg diss po-py		3.05	5.00		300419				
- overall 1-2% fg diss'd py-po = local conc'g of 5-7% my sub py-po.		5.00	7.00		300420				
		7.00	8.55		300421				
		8.55	10.00		300422				
		10.00	12.00		300423				
		12.00	14.55		300424				
		14.55	16.00		300425	4080			
- tr-1% fg diss'd po-py									
		16.00	18.00		300426	10080			
		18.00	20.00		300427				
		20.00	21.50		300428				
		21.50	23.10		300429				
22.7-22.8 - 3-5% diss'd my sub py assoc'd w act-cc patchy alt'n.									

PAGE 3 OF 11 | PROJECT: BENNETT | HOLE NO. BN97-09

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A CO3	B CHL	C SER	D ACT	E	FRACTURE INTENSITY	% VEIN QTZ.	qv/r

23.10-26.8 GREEN AUGITE PORPHYRY FLOW/BRECCIA
- pale green coloured ω distinct spots (inhomogeneously dist'd) where former px crys's have been alt'd to fg Chl-Act (~20% of rock)
- overall massive but becoming more contorted & brown coloured near base
- minor cc throughout.

26.8-32.40 BROWN ANDESITIC ASH TUFF
- gradational c/c ω above unit
- fine-grained & grainy-textured
- heterogeneously distributed cc veinlets & patches of cc to actinolite
- locally qz-actinolite associated ω cy aspy min'n → ser-qz alt'n.
- lower portion of unit comprises broken Fe-stained core - FZ?

32.40-34.44 PINK CHERTY TUFF
- diffuse contact ω above unit into a siliceous-cherty lithology ω a pinkish hue - comparable to the lithology assoc'd ω the aspy min'n in hole BN97-08

34.44-36.65 GREY GREEN-QUARTZ-CARBONATE-ACTINOLITE zone
- possibly occupying a fault zone (Eddy?)
- moderate-strong rxn ω HCl.
- highly contorted
- fabric @ 35°-40° to the c/a.

36.65-41.46 DARK BROWN LAMINATED CHERTY TUFF
- dark brown-blue'c coloured
- fair no cc
- 38.8-39.32 - zone of broken core ω fracture FeO

41.46-42.16 ACTINOLITE-CALCITE ALTERED ANDESITIC TUFF/VOLCANIC
- medium green-brown coloured.
- mod to strong rxn ω HCl
- dark banding @ 65° to c/a
- locally brownish biotitic alt'n

Depth scale: 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46

BOUNDARY RANGES STOHLNI

Core angles: 40°, 50°, 55°, 55°, 25°

% Vein Qtz: 1, 2, 2, 1 ; qv/r: 3, 3

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PAGE 4 OF 11	PROJECT: BENNETT	HOLE NO. BN97-09

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
-Trace-1% fg diss'd py-po		23.10	26.02		300430	
		25.02	26.80		300431	
		26.80	27.50		300432	
		27.50	27.80		300433	
-overall tr-1% fg diss'd py-po		27.80	30.50		300434	
* 27.5-27.8 interval containing ~20% cg sub aggregates of silvery aspy associated w/ irregular K-enriched qz-actinolite filled veins up to 4cm in thickness; individual xls to 1cm(?)		30.50	30.78		300435	
		30.78	31.30		300436	
		31.30	33.30		300437	
27.8-30.50 - sparse fg aspy needles associated w/ anastomosing qz's		33.30	34.44		300438	
* 30.50-30.78 - silvery aspy vein similar to above (27.5-27.8) comprising 15% of interval; mg-cg subhedral w/ qz vein gangue, @ ~15° to c/a		34.44	35.49		300439	
* 30.78-31.30 - similar to above w/ mod amount of qz's (to 5mm) w/ several aspy veins up to 12mm in thickness (31.25m) @ ~35° to c/a		35.49	36.65		300440	
		36.65	38.65		300441	
32.40-34.44 - tr-1% fg py, local py conc. on fractures		38.65	41.46		300442	
34.44 - tr fg py						
36.65-41.46 - tr-1% py2po w/ local diss'd fg-mg sus py						
		41.46	42.16		300443	
41.46-42.16 - 3-5% fg diss'd po>py		42.16	44.00		300444	
		44.00	46.00		300445	
		46.00	47.5		300446	

 PROJECT: BENNETT HOLE NO. BN97-09

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION		ALTERATION: A CO_3	B CHL	C SER	D ACT	E	FRACTURE INTENSITY	% VEIN QTZ.	W/M
				42.16-48.75	GREY - QUARTZ - SERICITE to PINK CHERTY FELSIC TUFF								
47	35				- varies from an upper siliceous brown coloured cherty lithology to a lower quartz-sericite unit to grey colour.							20	6
48												5	7
49					- abundant qz veining from several mm to 20 cm @ usually ~40° to c/a but some display random orientation								
50													
51					- usually later - more randomly oriented [illegible] qz-cc.								
52			70		- Sharp lower ctc @ 35° to c/a.							1	
					42.16 - 10 cm qv @ upper ctc.								
53					45.6-46.0 - 50-60% qv [illegible] up to 14 cm wide [illegible] fracture [illegible]							1	
54					46.50 - 7 cm qv // fabric [illegible] fracture py-po-cpy [illegible] // to [illegible] in [illegible] core [illegible] vein selvages.							1	
55												10	
56					46.80 - emerald green stained fracture ~1 cm wide fracture(?)							2	
57	60				47.0-47.20 - [illegible] abundant light green (act?) inclusions.								
58					47.30-48.0 - sericitic [illegible] interval similar to that btwn 41.96-42.16 m [illegible] 5-9% disseminated py-po.							1	
59					48.16 - 7 cm qv [illegible] fracture green act.								
60				48.75-72.00	BLACK CHERTY TUFFACEOUS ARGILLITE							10	
61					- predominantly black fine-grained & cherty [illegible] fine [illegible] however locally [illegible] are disrupted in restricted bed zones.								
62													
63			60		- local interbeds of intermediate tuffaceous unit (?) within [illegible] core to [illegible] -cc assemblage							15	
64													
65					- the unit contains a significant percentage of quartz veins & knots up to 30 cm thick & also contains an anomalously high concentration of sulphides overall (py-po-cpy)								
66													
67					52.5-52.8 light green [illegible]								
68					53.15 - 4 cm qv.								
69					54.0 - 7 cm qv [illegible] po-cpy & chl-act [illegible] @ 55° to c/a.								

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PAGE 6 OF 11 | PROJECT: BENNETT | HOLE NO. BN97-09

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS			
42.16-48.75									
- overall tr-1% fg-mg diss py po									
- locally larger concentrations associated		47.5	48.0		300447				
@ the margins of qv's or annealed									
fractures in qv's; here can get		48.0	48.75		300448				
po-py-cpy in core up to several cm.		48.75	51.00		300449				
44.15: 3cm band of cg po>cpy									
// to C/a.									
45.6-46.0 - white coloured qv's have									
1-3% fg-mg sus aspy along		51.00	53.00		300450				
internal fracs; also minor po-cpy.									
		53.0	55.0		300451				
47.3-48.0 5-7% fg diss'd py-po									
		55.0	57.0		300452				
		57.0	59.0		300453				
		59.0	61.0		300454				
48.75-72.00									
- unit overall contains 1-3% diss to		61.0	62.5		300455				
fracture-controlled fg-mg sus									
py>po min'l'n; however much									
larger concentrations of py-po-cpy		62.5	64.0		300456				
are found locally, especially									
associated w/ quartz veining - both		64.0	65.0		300457				
along qtz lined fractures w/in veins									
and concentrated near vein selvages.									
		65.0	67.0		300458				
66.6-67.0 interval w/ 3-5% py as									
fg euhedral stringers.									
		67.0	69.0		300459				
		69.0	70.5		300460				

 PROJECT: BENNETT HOLE NO. BN97-09

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A CO_3	B CHL	C SER	D ACT	E	FRACTURE INTENSITY	% VEIN QTZ.	qv/m
			65		54.49-55.60 - [illegible]								
70					55.4-56.1 - [illegible] to 30% [illegible] to 10cm							2	
					[illegible] fracture & [illegible] py-po								
71					56.47-56.57 - 10cm [illegible] (@ 60° to ca)							1	
	60				[illegible]								
72					58.1 2cm [illegible] 7-10% fg py							1	
					58.52 - 6cm qv [illegible] minor fg py [illegible]								
73					60.1 - 3cm qv							11	
					60.4-60.7 - [illegible] white qv [illegible]								
74					[illegible] po-cpy								
					60.7-61.0 } Pale green act-co alt'd and T								
75			67		61.2-61.5 } [illegible] 1-2% fg dissem po-py.								
					63.1-63.33 - [illegible] white qv [illegible]								
76					[illegible] sulphides, chl-								
					act (po-cpy) @ 30° to ca								
77					64.0-65.0 [illegible] ~30% quartz								
					[illegible] - upto 10 cm in thickness								
78					[illegible]								
	65				[illegible]								
79					[illegible] subhedral [illegible]								
					65.0-66.0 - contorted [illegible] 3-5%								
80					fg [illegible] (po-cpy) [illegible]							1	
					[illegible] @ various angles to ca								
81			60		[illegible]								
					76.0-76.3 - 80% qv [illegible] green chl-act [illegible]								
82					[illegible]								
					70.0 - green [illegible] - Minor.								
83				72.0-78.5	TRANSITION BETWEEN ABOVE UNIT								
					& UNDERLYING TIGER STRIPED GNEISS,								
84					- interlayered lithologies over the								
					scale of 0.5 m or less [illegible]								
85			60		aspects of both overlying & underlying								
					units								
86					- occasional qv's up to 5cm								
					- overall tr-1% fg po-py assoc'd w qv's.								
87					- wk-no ca								
88				78.5-93.0	GREY-GREEN TIGER-STRIPED BANDED								
					ACTINOLITE - QUARTZ GNEISS								
89					- alternating light coloured siliceous								
					bands and light-med green actinolite								
90					bands generally < 5m in width.								
					- minor brown (bio) component								
91			20		- wk-no ca - locally [illegible] ca								
					bands to 1cm								
92													

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PAGE 8 OF 11 | PROJECT: BENNETT | HOLE NO. BN97-09

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS			
		70.5	72.0		300461				
		72.0	74.0		300462				
		74.0	76.0		300463				
		76.0	78.0		300464				
		78.0	80.0		300465				
		80.0	82.0		300466				
		82.0	84.0		300467				
83.05 - 7cm wide domain w 8-10% po±cpy min'n in a feathery act-cc mx.		84.0	86.0		300468				
		86.0	88.0		300469				
87.25 - 2cm qz-vein w actinolite & epidote core; 88.0-88.6 - interval w overall 3-5% po-cpy as fg-mg diss'ns		88.0	90.0		300470				
89.4-89.5 - interval w 3-5% cg concentrations (1cm) of po aggregates		90.0	91.5		300471				
		91.5	93.0		300472				

PROJECT: BENNETT

HOLE NO. BN97-09

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION A CO_3	B CHL	C SER	D ACT	E	FRACTURE INTENSITY	% VEIN QTZ.
					81.73 – 10 cm qv @ 80° to c/a w 2-3% fg py-po + abundant incl of chl-act.							
93	c.c. 30°		30		87.0-89.5 – fabric in gneiss is becoming contorted, more quartz veining and minor [illegible] veining – green actinolitic domains [illegible] interspersed w brown bio.							
94	30°				89.5-91.0 – gneiss is predominated by brown-SiO2 > Act interbanded w lighter siliceous bands. – occ qz veinlets both // + subparallel to fabric up to 2 cm wide.							
95	30				91.0-93.0 – unit becomes more CH'y and has pale green colour due to actinolite clusters, + fabric twists // to c/a for 30-40cm							
96					92.8 – 15cm qz veinlet w act along fracs + mg conc of po							
97												
98			65									
99												
100	65											
101			80									
102				93.0 – 94.4	BROWN ASH TUFF							
103					– relatively homogeneously textured fine-grained grainy unit after an int- felsic tuff ?? w a distinct reddish brown colour.							
104					– gradational ctc w overlying unit.							
105												
106			75	94.4-95.5	GREY LAMINATED CHERTY TUFF							
107					– dominated by grey fg CH'y silica w seams of green chl-act defining fabric.							
108					– locally cut by qz-[illegible] veins to 1cm. – layering-lam generally @ 30°-90° to c/a.							
109					– displays a gradational boundary w overlying unit.							
				95.5-100.0	BROWN-GREEN CRYSTAL ASH TUFF							
110					– similar to unit between 93.0 and 94.4 m. w exception that it locally has 3-5% dissd 2-3mm qz xtls							
111					– weak to moderate [illegible]							
112					97.76-100 – the unit becomes strongly laminated and very fine-grained to ashy.							
113					99.0 – brilliant emerald green (fuchsite) – lining fabric // fracture							
	EOH				– occ qz veinlet up to 5mm wide generally parallel to fabric @ 65° tc/a.							

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PAGE 10 OF 11	PROJECT: BENNETT	HOLE NO. BN97-09

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
92.8 - mg po in qv.		93.0	94.4		300473	
94.4-95.5 - overall 2-3% py-po as fracture infills & local disins.		94.4	95.5		300474	
95.5-100.0 +/- 1% fg py-po overall		95.5	97.0		300475	
96.1 - 5cm band of 5-7% Po in stringers // to qv.		97.0	98.5		300476	
100-108.9 - +/- 1% py-po-cpy overall - Locally higher concentrations associated with quartz veins & alt-act fracture fillings.		98.5	100.0		300477	
		100.0	102.0		300478	
		102.0	104.0		300479	
		104.0	106.0		300480	
105.9 - 3-5% po-cpy w/in 8cm qv.						
		106.0	107.5		300481	
106.87-107.1 - 5-7% py-po-cpy associated w/ qv as fracture fillings & disins.		107.5	108.9		300482	
108.9 - 113.99 1-3% fg-mg py-po-cpy - diss throughout grn & locally seam replacing hbl xtls; locally sulphides form thin 1-2mm fracture fillings @ 60° to C/a.		108.9	111.0		300483	
		111.0	112.5		300484	
		112.5	113.99		300485	

PROJECT: BENNETT

HOLE NO. BN97-09

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A CO_3	B CHL	C SER	D ACT	E	FRACTURE INTENSITY	% VEIN QTZ.

100.0-108.9 BROWN-GREEN CRENULATED CRYSTAL TUFF

- predominantly reddish brown coloured due to fg bio? defining a planar gneissocity-fabric which has been kinked by later def.
- locally inter bands of green act-chl assemblage.
- contains 1-3 qv's w chl-act slips per every meter.
- weak to nil cc.
- 105.5-108.9 - unit takes on an aspect of the brown crystal-ash tuff described above for the interval between 95.5 and 100.0; local heterogeneously distributed clomming with 5-7% rounded gren ac's.

104.1 - 5cm qv w chl-act partings.
105.9 - 8cm qv w chl-act partings.
106.57-107.1 50% qv matl w 5-7% py-po±cpy min'l'n. associated w chl-act fraction

108.9-113.99 FELDSPAR-AMPHIBOLE PORPHYRY

- upper ctc sharply defined @ 70° to c/a.
- medium grey to slightly pinkish siliceous fg groundmass w 25% plagioclase xts (sub-euhedral) homogeneously distributed; 7-10% homogeneously distributed black prismatic sub-euhedral hornblende crystals show no preferred orientation.

* plagioclase - lighter white than gm.
- dark fg glassy chill over the upper 0.5m.
- unit is massive & non-fol'd.
- weakly mt'c - trace mt obs.
(as I-type granitoid)

113.99 END OF HOLE

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DRILL LOG

PROJECT: BENNETT	GROUND ELEV.: 1641 m (GPS)
HOLE NO.: BN97-10	BEARING: 090°
LOCATION: SKARN ZONE 4920E 4720N	DIP: -45
	TOTAL LENGTH: 84.4 m.
LOGGED BY: G. BRADSHAW	HORIZONTAL PROJECT:
DATE: SEPT 8	VERTICAL PROJECT:
CONTRACTOR: FALCON	**ALTERATION SCALE**
CORE SIZE: BTW	
DATE STARTED:	**TOTAL SULPHIDE SCALE**
DATE COMPLETED:	
DIP TESTS:	

COMMENTS

PURPOSE - Test for gold mineralization along the Paddy Fault.

SUMMARY -
- Collared in a finely laminated tuff of the Boundary Range Metamorphic Package containg up to 3% diss. po+py ± tr cpy.
- Intersected lengthy very rusty carbonated fault zone from 27.6 - 39.9. No mineralization observed.
- Altered felsic dike (similar to FAP in previous holes) intersected from 39.9 - 46.7m, only relict ghostly feldspars present. Much of the hornblende replaced by po.
- Hole ended in massive Stuhini Gp. andesites. (Augite porphyry flows ash tuffs). Minor quartz veining + skarn mineralization.

LEGEND

PAGE | OF 7 | PROJECT: | HOLE NO. BN97-10

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (CO3)	ALTERATION B (CHL)	ALTERATION C (SER)	ALTERATION D (ACT)	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.	VEINS/M
0				0-1.5 CASING DHCS								
1												
2		//		1.5-27.6 LIGHT TO DARK GREY FINE GRAINED LAMINATED ASH TUFF. BCAT							0	0
3				- fine to v.f.g. fine grained deformed rock of the Boundary Range metamorphics. Interpreted to be a fine ash tuff.							0	0
4			35°	- finely laminated (S1 fol'n.) - bands often defined by blebby discontinuous qtz w/ lesser calcite.							0	0
5				- irregularly shaped sub-angular qtz vein							0	0
6				"patches" (fragments?) common often cut by (or included by) green actinolite veinlets/patches. up to several mm wide.							10	2
7				- patchy - pervasive actinolite alteration (skarnification) common thru unit ~5-15%							0	0
8				overall patches are irregular up to several cm wide veinlets typically 1-2 mm.							20	5
9			15°	← minor bc + silicification.							0	0
10											0	6
11				11.5-12.0 ⇒ qtz + actinolite stockwork" type zone - criss crossing 1-2 mm actinolite veinlets within lenses (5-30 mm) sub angular qtz veined fragments.							10	3
12											0	0
13			15°								0	0
14											0	0
15											0	0
16				15.55 ⇒ 1 cm vein of green "fuchsite" oriented ~10° to core axis.							0	0
17			25°	16.0-18.6 - zone of weak-moderate CO_3 altn. - brown - pale green rock w/ rusty orange ankerite along fractures. (fault?)							15	1
18			45°	calcite vein							3	3
19				17.6-17.7 ⇒ 15 cm CO_3 (calcite) vein with inclusions of rusty ankerite (45° to c.a.)							2	2
20											0	0
21			40°									
22				22.0-22.3 ⇒ zone of CO_3 (ankerite/cc) alteration rusty, b.c., calcite veining.							1	1
23											10	1

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PAGE 2 OF 7	PROJECT:	HOLE NO. BN97-10

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
		1.5	4.0	2.5	300486	
- 2-3% fine- med grained po+py. Both disseminated within actinolite skarn zone. Traces of cpy also ass'd with these zones.		4.0	6.0	2.0	300487	
		6.0	8.0	2.0	300488	
7.8 - pyrite + tr. cpy within patchy actinolite.		8.0	9.4	1.5	300489	
		9.4	11.0	1.6	300490	
13.5 - ab po w tr cpy (atscpy) within actinolite veinlets.		11.0	13.0	2.0	300491	
		13.0	14.5	1.5	300492	
		14.5	16.0	1.5	300493	
		16.0	18.6	2.6	300494	
		18.6	21.1	2.5	300495	
		21.1	23.1	2.0	300496	

PAGE 3 OF 7 | PROJECT: | HOLE NO. BM97-10

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (CO3)	ALTERATION B (CHL)	ALTERATION C (SER)	ALTERATION D (ACT)	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.	VEINS/m.
24	BCAT	45	qv	BCAT (cont.)							0	0
				23.45 - 5cm qtz vein · 60° to c.a.								
25		60°									0	0
				26.2 - 27.0 · qtz irregular discontinuous actinolite + qtz veins, typical size · 5mm.							0	0
26												
27											0	0
28		60°		27.6 - 39.9 STFL RUSTY BROWN-GREY CARBONATIZED FAULT ZONE.							0	0
	STFL			- grey fine grained unit w/ local black graphitic zones							1	2
29				- very broken up with brown-orange rusty antenae / iron oxide throughout unit.							0	2
30				- carbonate veining / stockwork common. 5mm - 1cm veinlets.							6	4
31											0	0
32												
33				33.0 - 34.5 → broken up + brecciated graphitic zone							0	0
34												
				34.5 - 35.7 ⇒ CO3 altered sandy andesitic crystal tuff: contains sparse round qtz + feldspar crystals up to 1mm diam.							0	0
35												
36				35.7 - 36.4 → broken + brecciated graphitic zone.							0	0
				36.4 - 37.3 ⇒ massive white calcite vein. sheared + broken up. contains qtz. rusty orange antenae.							65	4
37			calcite vein								30	1
38				sharp lower contact - irregular.							0	0
39												
				39.9 - 46.7 FAP LIGHT GREY MASSIVE FELDSPAR HORNBLENDE PORPHYRITIC DIKE.							0	0
40												
41				- sharp contact but oxidation / carbonatization continues to ~46.0.							0	0
42				- similar unit to FAP in previous holes: but strongly altered: sparse (1-2%) relict feldspar phenocrysts (ghosty with poorly defined boundaries) ~5% hornblende phenos. most partially replaced by py.							0	0
43	FAP											
44											0	0
45				- fine siliceous groundmass								
				- sharp irregular lower contact							0	0
46												

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PAGE 4 OF 7 | PROJECT: | HOLE NO. BN97-10

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au
		23.1	25.0	1.9	300497	
		25.0	27.6	2.6	300498	
- Traces of disseminated py.		27.6	30.0	2.4	300499	
		30.0	31.5	1.5	300500	5960
		31.5	33.0	1.5	203851	
		33.0	34.5	1.5	203852	
		34.5	36.4	1.9	203853	
		36.4	37.4	1.0	203854	
		37.4	39.9	2.5	203855	
1-2% pos - typically 0.5-1mm disseminations replacing hornblende.		39.9	42.0	2.1	203856	
		42.0	44.4	2.4	203857	
		44.4	46.7	2.3	203858	

PAGE 5 OF 7 | PROJECT: | HOLE NO. BN97-10

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (CO3)	ALTERATION B (CHL)	ALTERATION C (SER)	ALTERATION D (ACT)	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.	VEIN...
47	ANST	ANST		46.7-84.4 ANST BROWN-GREEN MASSIVE FINE GRAINED AUGITE PORPHYRITIC ANDESITE / ANDESITIC TUFF - massive andesites of the Stuhini Group, interbedded qm. augite porphyry flows and dark brown (bleached?) ash tuffs. - minor skarning - ~5-7% actinolite veins and patches (up to several cm) with associated calcite. - long intervals of augite porphyry - well developed - 10-20% square to hexagonal dark green augite phenocrysts in a green fine grained matrix. - continues to EOH.								
48												
49												
50												
51												
52												
53												
54				46.7-51.6 - very fine grained brown tuffaceous looking unit - baked zone? bleaching? Ab. skarnification - patches of act up to 3cm minor calcite.								
55												
56				51.6-60.1 - green massive APF (augite porphyry flow)								
57				60.1-62.3 - brown tuff as above.								
58				- sub-1mm calcite stringers common this unit in random orientations (2-3%)								
59			40 cc vein									
60				59.7 - 5mm cc vein 40° to ca.								
61				62.3-84.4 - APF to end of hole.								
62												
63												
64												
65												
66												
67												
68			80 cc veining	68.2-68.4 ⇒ 1-2 cm calcite veins ~60° to c.a.								
69												

Westmin Resources

PAGE 6 OF 7	PROJECT:	HOLE NO. BN97-10

MINERALIZATION DESCRIPTION	TOTAL SULPHIDES	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS
Tr- 1% po w/ lesser py - usually diss. within act/cc. vein zones. Tr Traces of cpy.		46.7	49.0	2.3	203859	
		49.0	51.0	2.0	203860	
		51.0	53.0	2.0	203861	
		60.1	62.8	2.7	203862	
		67.7	69.6	1.9	203863	

PAGE 7 OF 7 | PROJECT: | HOLE NO. BN97-10

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (CO_3)	ALTERATION B (CHL)	ALTERATION C (SER)	ALTERATION D (ACT)	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.
70	ANST			ANST (cont.)							0
71											0
72											0
73											0
74											0
75											0
76											0
77				76.6 ± 3-5 mm cc stringers w/ diss py and trace cpy.							0
78				78.0 - 78.2 ⇒ white calcite vein, ab dusty ankerite							0
79											0
80											0
81											0
82											0
83											0
84				84.4 - EOH							0
85				SAMPLES 76.5 - 78.3 - 1.8 203864 82.6 - 84.4 1.8 203865							

APPENDIX E

ASSAY CERTIFICATES

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

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

INVOICE NUMBER I9740352

BILLING INFORMATION

Date: 3-SEP-97
Project: BENNETT
P.O. No.: 6109
Account: GP W

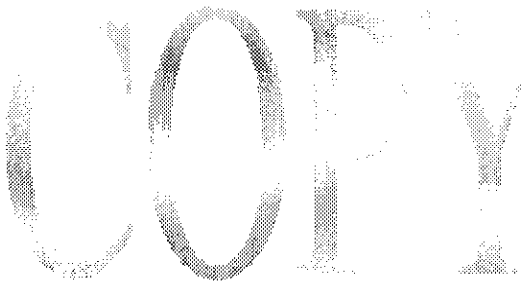
Comments:

Billing: For analysis performed on Certificate A9740352

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

Please Remit Payments to:

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



# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
1	255 - RUSH Geo ring to approx 150 mesh	3.75		
	295 - RUSH crush and split (0-3 Kg)	3.90		
	3202 - Rock - save entire reject	0.50		
	ICP-32	10.50		
	991 - Au ppb RUSH	14.65	33.30	33.30

Total Cost $	33.30
Client Discount (25%) $	-8.33
Net Cost $	24.97
(Reg# R100938885) GST $	1.75
TOTAL PAYABLE (CDN) $	**26.72**

Chemex Labs Ltd.

Analytical Chemists * Geochemists * 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

A9740352

Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

CERTIFICATE A9740352

(GP W) - WESTMIN RESOURCES LTD.

Project: BENNETT
P.O. # : 6109

Samples submitted to our lab in Vancouver, BC.
This report was printed on 3-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
255	1	RUSH Geo ring to approx 150 mesh
295	1	RUSH crush and split (0-3 Kg)
3202	1	Rock - save entire reject
229	1	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
991	1	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	1	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	1	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	1	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	1	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	1	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	1	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	1	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	1	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	1	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	1	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	1	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	1	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	1	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	1	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	1	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	1	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	1	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	1	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	1	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	1	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	1	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	1	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	1	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	1	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	1	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	1	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	1	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	1	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	1	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	1	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	1	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	1	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

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

Project : BENNETT
Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

Page .ber : 1-A
Total Pages : 1
Certificate Date: 03-SEP-97
Invoice No. : I9740352
P.O. Number : 6109
Account : GP W

CERTIFICATE OF ANALYSIS A9740352

SAMPLE	PREP CODE		Au ppb RUSH	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
N300047	255	295	< 5	< 0.2	2.70	88	30	< 0.5	< 2	4.65	< 0.5	9	159	7	3.31	< 10	< 1	0.15	< 10	1.94	720

CERTIFICATION: Mark Vinh

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

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

Project : BENNETT
Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

Page Number : 1-B
Total Pages : 1
Certificate Date: 03-SEP-97
Invoice No. : I9740352
P.O. Number : 6109
Account : GP W

CERTIFICATE OF ANALYSIS A9740352

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
N300047	255	295	< 1	0.07	50	580	< 2	< 2	7	179	< 0.01	< 10	< 10	41	< 10	46

CERTIFICATION: Thanh Vinh

Chemex Labs Ltd.

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

.o: WESTMIN RESOURCES LTD.

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

INVOICE NUMBER I 9 7 4 1 6 2 6

BILLING INFORMATION

Date: 16-SEP-97
Project: BENNETT
P.O. No.: 6109
Account: GP W

Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Billing: For analysis performed on Certificate A9741626

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

Please Remit Payments to:

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

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
49	205 - Geochem ring to approx 150 mesh	2.50		
	294 - 4-7 Kg crush and split	3.50		
	3202 - Rock - save entire reject	0.50		
	ICP-32	7.00		
	983 - Au ppb FA+AA	9.75	23.25	1139.25

Total Cost	$	1139.25
Client Discount (25%)	$	-284.81
Net Cost	$	854.44
(Reg# R100938885) GST	$	59.81
TOTAL PAYABLE (CDN)	$	**914.25**

Vend...
Checked
Entered
SEP 19 1997
Account Code Amount
PAID
Approvals

Chemex Labs Ltd.

Analytical Chemists * Geochemists * 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

A9741626

Comments: ATTN:DAVID TERRY FAX : CHRIS ROCKINGHAM

CERTIFICATE A9741626

(GP W) - WESTMIN RESOURCES LTD.

Project: BENNETT
P.O. # : 6109

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

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	49	Geochem ring to approx 150 mesh
294	49	4-7 Kg crush and split
3202	49	Rock - save entire reject
229	49	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	49	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	49	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	49	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	49	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	49	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	49	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	49	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	49	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	49	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	49	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	49	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	49	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	49	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	49	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	49	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	49	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	49	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	49	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	49	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	49	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	49	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	49	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	49	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	49	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	49	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	49	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	49	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	49	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	49	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	49	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	49	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	49	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	49	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

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

Project : BENNETT
Comments: ATTN:DAVID TERRY FAX : CHRIS ROCKINGHAM

Page ber : 1-A
Total Pages : 2
Certificate Date: 15-SEP-97
Invoice No. : I9741626
P.O. Number : 6109
Account : GP W

CERTIFICATE OF ANALYSIS A9741626

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
300001	205	294	20	0.2	4.17	48	50	< 0.5	< 2	2.56	< 0.5	16	40	46	5.66	< 10	< 1	0.09	< 10	1.96	965
300002	205	294	165	0.2	3.30	200	40	< 0.5	< 2	5.39	< 0.5	14	68	48	4.81	< 10	< 1	0.11	< 10	2.15	1100
300003	205	294	190	0.2	3.15	84	60	< 0.5	< 2	5.07	< 0.5	13	51	52	4.75	< 10	< 1	0.15	< 10	1.68	1025
300004	205	294	130	0.2	2.78	164	40	< 0.5	< 2	3.70	< 0.5	20	54	87	4.64	< 10	< 1	0.14	< 10	1.47	860
300005	205	294	50	0.6	2.45	196	40	< 0.5	< 2	6.90	< 0.5	12	50	82	4.24	< 10	< 1	0.13	< 10	1.48	1245
300006	205	294	20	1.2	3.28	84	40	< 0.5	< 2	4.25	0.5	16	39	76	5.37	< 10	< 1	0.14	< 10	1.63	915
300007	205	294	60	0.2	2.77	108	30	< 0.5	< 2	6.68	< 0.5	13	38	66	5.27	< 10	< 1	0.11	< 10	2.12	1300
300008	205	294	65	0.8	2.61	94	30	< 0.5	< 2	7.88	0.5	14	31	80	4.67	< 10	< 1	0.10	< 10	2.15	1300
300009	205	294	20	0.4	3.14	116	40	< 0.5	< 2	3.59	< 0.5	20	32	104	5.55	< 10	< 1	0.17	< 10	1.56	785
300010	205	294	110	0.2	2.76	134	50	< 0.5	< 2	5.21	0.5	15	39	74	4.65	< 10	< 1	0.15	< 10	1.50	935
300011	205	294	250	1.0	2.94	182	50	< 0.5	< 2	4.39	< 0.5	21	52	145	4.90	< 10	< 1	0.11	< 10	1.77	775
300012	205	294	355	1.2	3.42	152	190	< 0.5	< 2	6.13	0.5	18	30	115	5.13	< 10	< 1	0.08	< 10	2.12	920
300013	205	294	20	0.6	2.21	118	510	< 0.5	< 2	2.87	< 0.5	14	36	86	3.91	< 10	< 1	0.14	< 10	1.17	470
300014	205	294	115	0.4	2.34	182	210	< 0.5	< 2	4.51	0.5	17	31	89	4.17	< 10	< 1	0.11	< 10	1.41	690
300015	205	294	160	0.6	2.60	130	40	< 0.5	< 2	5.92	< 0.5	16	33	107	4.36	< 10	< 1	0.11	< 10	1.56	810
300016	205	294	85	0.2	3.08	154	40	< 0.5	< 2	4.60	< 0.5	18	30	108	5.06	< 10	< 1	0.14	< 10	1.77	780
300017	205	294	70	1.4	2.91	318	40	< 0.5	< 2	4.71	< 0.5	17	41	138	4.90	< 10	< 1	0.15	< 10	1.66	830
300018	205	294	170	0.6	3.21	372	180	< 0.5	< 2	6.63	< 0.5	17	32	113	4.81	< 10	< 1	0.14	< 10	2.10	975
300019	205	294	220	1.0	3.17	134	70	< 0.5	< 2	6.80	0.5	18	42	121	4.78	< 10	< 1	0.12	< 10	2.10	1035
300020	205	294	120	0.2	2.62	90	100	< 0.5	< 2	6.79	< 0.5	14	43	79	4.98	< 10	< 1	0.09	< 10	2.04	1050
300021	205	294	90	0.2	3.01	94	200	< 0.5	< 2	6.77	0.5	15	29	82	4.83	< 10	< 1	0.09	< 10	2.04	1035
300022	205	294	125	0.6	2.91	100	30	< 0.5	< 2	5.40	0.5	18	41	117	4.73	< 10	< 1	0.11	< 10	1.81	895
300023	205	294	290	0.8	2.98	76	30	< 0.5	< 2	6.34	< 0.5	14	45	89	4.80	< 10	< 1	0.10	< 10	2.03	1040
300024	205	294	90	0.2	2.31	56	100	< 0.5	< 2	5.46	< 0.5	14	45	70	4.51	< 10	< 1	0.11	< 10	1.88	930
300025	205	294	50	0.6	2.44	60	40	< 0.5	< 2	3.60	< 0.5	16	45	102	4.73	< 10	< 1	0.13	< 10	1.36	645
300026	205	294	40	0.6	2.60	88	50	< 0.5	< 2	5.06	0.5	15	43	100	4.84	< 10	< 1	0.15	< 10	1.79	805
300027	205	294	75	0.4	2.81	88	60	< 0.5	< 2	4.59	< 0.5	16	43	92	4.68	< 10	< 1	0.18	< 10	1.75	830
300028	205	294	45	0.2	2.93	64	40	< 0.5	< 2	4.83	0.5	14	45	66	4.66	< 10	< 1	0.13	< 10	1.71	775
300029	205	294	30	0.2	2.67	96	40	< 0.5	< 2	4.42	< 0.5	17	55	106	4.84	< 10	< 1	0.13	< 10	1.55	745
300030	205	294	< 5	0.2	2.53	56	80	< 0.5	< 2	4.13	< 0.5	17	29	66	4.44	< 10	< 1	0.13	< 10	1.72	950
300031	205	294	< 5	0.2	2.89	32	60	< 0.5	< 2	5.31	< 0.5	15	23	44	5.25	< 10	< 1	0.11	< 10	2.21	1145
300032	205	294	< 5	< 0.2	3.12	14	50	< 0.5	< 2	4.57	< 0.5	19	21	52	5.20	< 10	< 1	0.09	< 10	1.86	1030
300033	205	294	< 5	< 0.2	3.42	16	60	< 0.5	< 2	5.77	< 0.5	20	33	42	5.47	< 10	< 1	0.08	< 10	2.58	1245
300034	205	294	< 5	< 0.2	3.84	10	50	< 0.5	< 2	4.94	< 0.5	21	20	58	5.64	< 10	< 1	0.11	< 10	2.35	1160
300035	205	294	< 5	< 0.2	3.82	10	280	< 0.5	< 2	4.90	< 0.5	20	20	69	5.51	< 10	< 1	0.12	< 10	2.18	1100
300036	205	294	< 5	< 0.2	4.11	6	50	< 0.5	< 2	5.64	< 0.5	18	16	41	5.40	10	< 1	0.09	< 10	2.78	1155
300037	205	294	< 5	< 0.2	4.11	14	40	< 0.5	< 2	4.81	< 0.5	21	23	55	5.76	< 10	< 1	0.09	< 10	2.74	1145
300038	205	294	< 5	< 0.2	2.31	2	70	< 0.5	< 2	6.57	< 0.5	16	27	36	4.55	< 10	< 1	0.15	< 10	2.50	1690
300039	205	294	< 5	< 0.2	2.96	18	60	< 0.5	< 2	5.90	< 0.5	16	43	35	4.61	< 10	< 1	0.12	< 10	2.32	1305
300040	205	294	85	0.2	2.45	122	50	< 0.5	< 2	3.77	0.5	19	45	90	4.66	< 10	< 1	0.16	< 10	1.50	905

CERTIFICATION: Stan Bubbles

Chemex Labs Ltd.

Analytical Chemists * Geochemists * 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 : BENNETT
Comments: ATTN:DAVID TERRY FAX : CHRIS ROCKINGHAM

Certificate Date: 15-SEP-97
Invoice No. : I9741626
P.O. Number :6109
Account : GP W

CERTIFICATE OF ANALYSIS A9741626

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
300001	205	294	1	0.03	17	630	4	< 2	10	55	< 0.01	< 10	< 10	73	< 10	106
300002	205	294	1	0.03	22	550	2	2	10	79	< 0.01	< 10	< 10	73	< 10	80
300003	205	294	1	0.03	17	560	2	2	10	96	< 0.01	< 10	< 10	71	< 10	84
300004	205	294	1	0.01	18	730	6	2	8	70	< 0.01	< 10	< 10	50	< 10	70
300005	205	294	< 1	0.01	11	470	24	8	7	133	< 0.01	< 10	< 10	41	< 10	64
300006	205	294	2	0.02	17	500	26	2	9	87	< 0.01	< 10	< 10	60	< 10	112
300007	205	294	1	0.02	13	530	6	2	9	127	< 0.01	< 10	< 10	66	< 10	78
300008	205	294	1	0.01	14	510	6	< 2	10	133	< 0.01	< 10	< 10	65	< 10	110
300009	205	294	1	0.03	17	840	8	< 2	7	73	< 0.01	< 10	< 10	57	< 10	108
300010	205	294	1	0.03	16	710	14	6	8	104	< 0.01	< 10	< 10	57	< 10	90
300011	205	294	1	0.04	23	560	14	6	10	72	< 0.01	< 10	< 10	73	< 10	92
300012	205	294	1	0.03	16	600	14	2	12	115	< 0.01	< 10	< 10	90	< 10	112
300013	205	294	1	0.02	15	680	6	2	6	74	< 0.01	< 10	< 10	35	< 10	68
300014	205	294	1	0.01	18	540	10	6	7	110	< 0.01	< 10	< 10	46	< 10	74
300015	205	294	1	0.01	14	490	2	6	8	137	< 0.01	< 10	< 10	58	< 10	74
300016	205	294	4	0.01	19	570	20	4	9	123	< 0.01	< 10	< 10	63	< 10	82
300017	205	294	5	0.02	14	530	36	2	8	121	< 0.01	< 10	< 10	62	< 10	76
300018	205	294	1	0.02	12	450	10	< 2	10	133	< 0.01	< 10	< 10	78	< 10	86
300019	205	294	1	0.03	13	480	16	2	10	132	< 0.01	< 10	< 10	75	< 10	108
300020	205	294	1	0.03	12	420	6	2	10	135	< 0.01	< 10	< 10	68	< 10	72
300021	205	294	3	0.03	11	510	14	< 2	10	118	< 0.01	< 10	< 10	74	< 10	96
300022	205	294	1	0.03	14	570	18	4	11	105	< 0.01	< 10	< 10	73	< 10	86
300023	205	294	1	0.03	13	470	14	< 2	11	103	< 0.01	< 10	< 10	77	< 10	80
300024	205	294	1	0.03	14	450	10	< 2	8	94	< 0.01	< 10	< 10	52	< 10	70
300025	205	294	1	0.05	16	500	14	2	8	81	< 0.01	< 10	< 10	48	< 10	72
300026	205	294	2	0.05	15	530	12	6	9	121	< 0.01	< 10	< 10	60	< 10	118
300027	205	294	2	0.05	15	680	10	< 2	9	108	< 0.01	< 10	< 10	53	< 10	70
300028	205	294	3	0.05	17	580	10	6	10	116	< 0.01	< 10	< 10	65	< 10	96
300029	205	294	1	0.04	26	600	10	8	8	153	< 0.01	< 10	< 10	52	< 10	74
300030	205	294	1	0.04	11	600	< 2	< 2	6	98	< 0.01	< 10	< 10	49	< 10	64
300031	205	294	1	0.05	9	680	< 2	< 2	8	163	< 0.01	< 10	< 10	69	< 10	74
300032	205	294	1	0.07	8	660	< 2	< 2	12	200	< 0.01	< 10	< 10	99	< 10	72
300033	205	294	< 1	0.06	13	820	< 2	< 2	13	184	< 0.01	< 10	< 10	110	< 10	80
300034	205	294	1	0.08	9	780	< 2	< 2	14	179	< 0.01	< 10	< 10	133	< 10	78
300035	205	294	< 1	0.08	8	780	< 2	2	14	203	< 0.01	< 10	< 10	139	< 10	72
300036	205	294	1	0.06	12	610	< 2	2	13	174	< 0.01	< 10	< 10	124	< 10	88
300037	205	294	1	0.06	14	740	< 2	< 2	12	190	< 0.01	< 10	< 10	118	< 10	92
300038	205	294	1	0.07	8	710	< 2	< 2	10	262	< 0.01	< 10	< 10	84	< 10	68
300039	205	294	< 1	0.05	10	630	6	< 2	11	282	< 0.01	< 10	< 10	98	< 10	72
300040	205	294	1	0.04	18	610	14	6	7	181	< 0.01	< 10	< 10	40	< 10	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 : BENNETT
Comments: ATTN:DAVID TERRY FAX : CHRIS ROCKINGHAM

Page Number :2-A
Total Pages :2
Certificate Date: 15-SEP-97
Invoice No. :I9741626
P.O. Number :6109
Account :GP W

CERTIFICATE OF ANALYSIS A9741626

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
300041	205	294	10	0.4	3.10	76	40	< 0.5	< 2	2.95	0.5	16	60	78	5.15	< 10	< 1	0.14	< 10	1.43	720
300042	205	294	50	0.4	2.98	112	40	< 0.5	< 2	3.34	0.5	16	47	69	5.22	< 10	< 1	0.14	< 10	1.59	800
300043	205	294	40	0.6	3.31	84	50	< 0.5	< 2	0.77	< 0.5	17	41	56	5.44	< 10	< 1	0.19	< 10	1.59	585
300044	205	294	85	0.6	2.72	42	60	< 0.5	< 2	0.79	< 0.5	14	37	20	4.43	< 10	< 1	0.20	10	1.43	440
300045	205	294	20	< 0.2	2.69	28	60	< 0.5	< 2	0.87	< 0.5	15	69	< 1	3.98	< 10	< 1	0.20	10	1.35	380
300046	205	294	20	0.6	2.78	64	50	< 0.5	< 2	1.58	< 0.5	17	77	7	4.38	< 10	< 1	0.19	10	1.45	490
300048	205	294	10	< 0.2	2.61	42	50	< 0.5	< 2	1.59	< 0.5	14	48	19	3.84	< 10	< 1	0.21	10	1.26	485
300049	205	294	5	0.2	2.98	94	40	< 0.5	< 2	2.76	< 0.5	18	69	45	4.55	< 10	< 1	0.18	< 10	1.83	705
300050	205	294	10	0.4	4.66	152	30	< 0.5	< 2	5.46	< 0.5	24	187	51	5.53	< 10	< 1	0.16	< 10	3.56	1200

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 : BENNETT
Comments: ATTN:DAVID TERRY FAX : CHRIS ROCKINGHAM

Certificate Date: 15-SEP-97
Invoice No. :19741626
P.O. Number :6109
Account :GP W

CERTIFICATE OF ANALYSIS A9741626

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
300041	205	294	1	0.05	18	670	8	6	9	137	< 0.01	< 10	< 10	54	< 10	136
300042	205	294	2	0.02	18	700	20	2	9	217	< 0.01	< 10	< 10	55	< 10	100
300043	205	294	1	0.03	16	740	< 2	< 2	7	72	< 0.01	< 10	< 10	49	< 10	66
300044	205	294	2	0.02	16	760	< 2	< 2	6	75	< 0.01	< 10	< 10	41	< 10	52
300045	205	294	1	0.02	25	1070	< 2	< 2	6	63	< 0.01	< 10	< 10	47	< 10	46
300046	205	294	1	0.03	25	790	< 2	< 2	7	90	< 0.01	< 10	< 10	47	< 10	42
300048	205	294	7	0.04	17	690	< 2	< 2	7	114	< 0.01	< 10	< 10	41	< 10	36
300049	205	294	4	0.03	37	530	< 2	4	7	151	< 0.01	< 10	< 10	49	< 10	48
300050	205	294	2	0.03	73	430	14	< 2	10	176	< 0.01	< 10	< 10	117	< 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

o: WESTMIN RESOURCES LTD.

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

INVOICE NUMBER I 9 7 4 1 9 4 4

BILLING INFORMATION

Date: 18-SEP-97
Project: BENNETT
P.O. No.: 6109
Account: GP W

Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Billing: For analysis performed on Certificate A9741944

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

Please Remit Payments to:

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

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
71	205 - Geochem ring to approx 150 mesh	2.50		
	294 - 4-7 Kg crush and split	3.50		
	3202 - Rock - save entire reject	0.50		
	ICP-32	7.00		
	983 - Au ppb FA+AA	9.75	23.25	1650.75

Total Cost	$ 1650.75
Client Discount (25%)	$ -412.69
Net Cost	$ 1238.06
(Reg# R100938885) GST	$ 86.66
TOTAL PAYABLE (CDN)	**$ 1324.72**

Chemex Labs Ltd.

Analytical Chemists * Geochemists * 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: BENNETT
Comments: ATTN:DAVID TERRY FAX: CHRIS ROCKINGHAN

QC F : 1-A
Tot QC Pg: 1
Date: 17-SEP-97
Invoice #: I9741944
P.O. #: 6109
GP W

QC DATA OF CERTIFICATE A9741944

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
ADS-1	Std1	1	470	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ADS-1	Std1	2	480	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	470	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BL-C	Blnk	1	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
G96-1GM	Std1	1	-----	4.6	3.65	66	490	< 0.5	< 2	1.55	0.5	16	64	184	4.21	< 10	< 1	0.29	10	0.80	935
G96-1GM	Std2	1	-----	4.0	3.48	64	520	< 0.5	< 2	1.49	0.5	15	57	180	4.10	< 10	< 1	0.28	10	0.79	920
G96-1GM	Std1	2	-----	4.0	3.57	66	560	< 0.5	2	1.48	0.5	15	59	176	4.04	< 10	< 1	0.28	10	0.78	900
G96-1GM	Std2	2	-----	5.2	3.89	66	590	< 0.5	< 2	1.58	0.5	16	65	189	4.29	< 10	< 1	0.31	10	0.82	945
CHEMEX MEAN	---	---	-----	4.4	3.65	64	601	< 0.5	< 2	1.60	1.0	16	66	177	4.41	< 10	< 1	0.30	10	0.80	927
SIO2-B3	Blnk	1	-----	< 0.2	0.06	< 2	20	< 0.5	< 2	0.01	< 0.5	< 1	1	1	0.05	< 10	< 1	< 0.01	< 10	< 0.01	< 5
CHEMEX MEAN	---	---	-----	< 0.2	0.06	< 2	< 10	< 0.5	< 2	0.01	< 0.5	< 1	2	1	0.05	< 10	< 1	-----	< 10	< 0.01	-----
TC-97	Std2	1	200	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TC-97	Std2	2	195	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	201	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
300051	Dup	1-01	65	0.6	7.46	702	220	< 0.5	< 2	4.60	< 0.5	17	321	85	3.61	< 10	< 1	1.32	< 10	2.33	505
	Orig	1-01	60	0.6	7.76	684	220	< 0.5	< 2	4.90	< 0.5	18	340	91	3.83	< 10	< 1	1.37	< 10	2.45	530
300091	Dup	2-01	25	< 0.2	7.85	8	220	< 0.5	< 2	3.82	< 0.5	20	68	113	3.30	< 10	< 1	0.89	< 10	1.38	295
	Orig	2-01	20	< 0.2	7.84	6	220	< 0.5	< 2	3.80	< 0.5	19	70	108	3.26	< 10	< 1	0.88	< 10	1.36	295

CERTIFICATION: Stuart Buchan

Chemex Labs Ltd.

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

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

Project: BENNETT
Comments: ATTN:DAVID TERRY FAX: CHRIS ROCKINGHAN

QC Pa : 1-B
Tot QC Pg: 1
Date: 17-SEP-97
Invoice #: I9741944
P.O. #: 6109
GP W

QC DATA OF CERTIFICATE A9741944

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
ADS-1	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ADS-1	Std1	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BL-C	Blnk	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
G96-1GM	Std1	1	7	0.06	20	490	122	< 2	9	100	0.04	< 10	< 10	91	< 10	196
G96-1GM	Std2	1	7	0.06	19	490	114	2	9	99	0.04	< 10	< 10	88	< 10	190
G96-1GM	Std1	2	7	0.06	20	460	114	< 2	9	98	0.04	< 10	< 10	88	< 10	188
G96-1GM	Std2	2	7	0.06	23	500	118	< 2	9	106	0.05	< 10	< 10	96	< 10	196
CHEMEX MEAN	---	---	9	0.07	20	520	120	4	10	102	0.06	< 10	-----	102	< 10	186
SIO2-B3	Blnk	1	< 1	< 0.01	< 1	70	2	< 2	1	28	< 0.01	< 10	< 10	1	< 10	< 2
CHEMEX MEAN	---	---	< 1	< 0.01	< 1	94	< 2	< 2	1	34	< 0.01	< 10	< 10	1	< 10	< 2
TC-97	Std2	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TC-97	Std2	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
300051	Dup	1-01	< 1	0.29	212	670	2	< 2	10	355	0.08	< 10	< 10	109	< 10	60
	Orig	1-01	< 1	0.31	217	690	2	2	11	372	0.09	< 10	< 10	113	< 10	62
300091	Dup	2-01	< 1	0.75	22	350	< 2	2	5	546	0.13	< 10	< 10	121	< 10	34
	Orig	2-01	< 1	0.77	21	330	2	2	6	535	0.13	< 10	< 10	120	< 10	34

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

A9741944

Comments: ATTN:DAVID TERRY FAX: CHRIS ROCKINGHAN

CERTIFICATE A9741944

(GP W) - WESTMIN RESOURCES LTD.

Project: BENNETT
P.O. # : 6109

Samples submitted to our lab in Vancouver, BC.
This report was printed on 17-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	71	Geochem ring to approx 150 mesh
294	71	4-7 Kg crush and split
3202	71	Rock - save entire reject
229	71	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	71	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	71	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	71	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	71	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	71	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	71	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	71	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	71	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	71	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	71	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	71	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	71	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	71	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	71	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	71	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	71	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	71	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	71	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	71	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	71	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	71	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	71	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	71	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	71	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	71	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	71	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	71	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	71	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	71	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	71	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	71	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	71	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	71	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

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

Project : BENNETT
Comments: ATTN:DAVID TERRY FAX: CHRIS ROCKINGHAN

Page Number :1-A
Total Pages :2
Certificate Date: 17-SEP-97
Invoice No. :I9741944
P.O. Number :6109
Account :GP W

CERTIFICATE OF ANALYSIS A9741944

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
300051	205	294	60	0.6	7.76	684	220	< 0.5	< 2	4.90	< 0.5	18	340	91	3.83	< 10	< 1	1.37	< 10	2.45	530
300052	205	294	150	< 0.2	3.48	2130	< 10	< 0.5	< 2	2.64	< 0.5	36	840	7	2.56	< 10	< 1	0.04	< 10	3.72	605
300053	205	294	110	1.0	7.27	2370	210	< 0.5	< 2	2.79	< 0.5	18	115	134	4.45	< 10	< 1	1.16	< 10	2.44	395
300054	205	294	20	0.2	6.46	1255	220	< 0.5	< 2	2.76	< 0.5	20	175	103	3.97	< 10	< 1	1.16	< 10	1.73	320
300055	205	294	15	0.2	8.01	1235	220	< 0.5	< 2	3.54	< 0.5	13	38	85	3.52	10	< 1	1.41	< 10	1.47	250
300056	205	294	< 5	0.4	6.70	1110	160	< 0.5	< 2	2.77	< 0.5	19	29	137	5.03	< 10	< 1	0.93	< 10	1.38	255
300057	205	294	< 5	0.2	5.82	644	120	< 0.5	< 2	2.37	< 0.5	14	23	95	4.27	< 10	< 1	0.71	< 10	1.29	245
300058	205	294	15	0.2	5.02	532	120	< 0.5	< 2	3.01	< 0.5	12	33	92	3.77	< 10	< 1	0.59	< 10	1.36	340
300059	205	294	165	0.6	1.76	2560	30	< 0.5	< 2	3.09	< 0.5	16	31	104	4.56	< 10	< 1	0.21	< 10	1.17	745
300060	205	294	70	0.6	5.52	1060	110	< 0.5	< 2	2.70	< 0.5	15	23	105	4.15	< 10	< 1	0.60	< 10	1.23	280
300061	205	294	< 5	0.2	7.89	1000	200	< 0.5	< 2	3.84	< 0.5	14	37	112	4.76	< 10	< 1	1.03	< 10	1.50	335
300062	205	294	< 5	0.2	6.13	554	140	< 0.5	< 2	2.56	< 0.5	15	46	102	4.36	< 10	< 1	0.61	< 10	1.09	380
300063	205	294	< 5	< 0.2	9.61	382	110	< 0.5	< 2	3.82	< 0.5	21	15	35	4.94	10	< 1	0.51	< 10	1.59	1015
300064	205	294	< 5	1.0	8.65	152	180	< 0.5	< 2	4.17	< 0.5	15	18	172	5.00	10	< 1	0.72	< 10	1.79	1020
300065	205	294	< 5	1.8	9.95	90	280	< 0.5	2	4.63	< 0.5	16	22	321	4.11	10	< 1	1.06	< 10	1.71	780
300066	205	294	15	0.8	10.70	14	300	< 0.5	< 2	5.31	< 0.5	19	21	239	3.42	10	< 1	1.02	< 10	1.19	550
300067	205	294	10	0.4	9.97	86	390	< 0.5	< 2	4.61	< 0.5	17	15	148	4.25	10	< 1	1.40	< 10	1.66	655
300068	205	294	5	1.0	7.43	30	110	< 0.5	< 2	3.87	< 0.5	38	18	321	5.32	< 10	< 1	0.46	< 10	0.73	285
300069	205	294	< 5	0.2	10.35	116	290	< 0.5	< 2	4.71	< 0.5	16	19	150	4.14	10	< 1	1.17	< 10	1.77	640
300070	205	294	< 5	0.2	10.65	80	220	< 0.5	< 2	4.73	< 0.5	13	27	90	3.93	10	< 1	0.86	< 10	2.03	765
300071	205	294	< 5	< 0.2	8.59	54	60	< 0.5	< 2	3.65	< 0.5	12	16	34	3.26	10	< 1	0.20	< 10	1.67	945
300072	205	294	10	2.0	9.43	58	90	< 0.5	< 2	3.79	< 0.5	16	14	235	4.16	10	< 1	0.35	< 10	2.02	1100
300073	205	294	25	1.8	8.08	220	250	< 0.5	< 2	3.36	< 0.5	21	20	556	5.17	< 10	< 1	1.48	< 10	1.73	575
300074	205	294	< 5	0.2	4.94	26	190	0.5	< 2	2.48	< 0.5	9	20	117	3.49	< 10	< 1	0.70	< 10	0.96	300
300075	205	294	100	0.2	1.28	526	50	< 0.5	< 2	0.88	< 0.5	3	26	16	1.98	< 10	< 1	0.15	10	0.31	175
300076	205	294	10	< 0.2	0.97	16	80	< 0.5	< 2	1.23	< 0.5	3	28	33	1.74	< 10	< 1	0.18	10	0.24	185
300077	205	294	90	< 0.2	0.99	28	110	< 0.5	< 2	1.33	< 0.5	5	37	58	1.61	< 10	< 1	0.19	10	0.26	180
300078	205	294	15	< 0.2	1.01	206	90	< 0.5	< 2	0.98	< 0.5	6	45	70	1.74	< 10	< 1	0.17	10	0.26	140
300079	205	294	< 5	< 0.2	0.88	16	70	< 0.5	< 2	0.96	< 0.5	3	30	40	1.70	< 10	< 1	0.15	10	0.26	165
300080	205	294	< 5	< 0.2	1.14	112	60	< 0.5	< 2	0.87	< 0.5	4	34	35	1.81	< 10	< 1	0.15	10	0.30	160
300081	205	294	10	< 0.2	1.57	20	60	< 0.5	< 2	1.19	< 0.5	5	33	42	1.61	< 10	< 1	0.12	10	0.33	160
300082	205	294	< 5	0.2	4.04	2	50	0.5	< 2	2.28	< 0.5	11	39	157	3.41	< 10	< 1	0.13	< 10	0.93	290
300083	205	294	< 5	< 0.2	8.45	28	300	< 0.5	< 2	4.04	< 0.5	16	96	39	3.26	< 10	< 1	1.32	< 10	1.68	400
300084	205	294	< 5	< 0.2	9.68	96	410	< 0.5	< 2	3.92	< 0.5	21	88	61	4.57	10	< 1	1.82	< 10	2.43	500
300085	205	294	< 5	< 0.2	8.28	224	260	< 0.5	< 2	3.84	< 0.5	21	44	141	3.93	< 10	< 1	1.25	< 10	1.75	330
300086	205	294	35	0.2	8.26	80	230	< 0.5	< 2	4.33	< 0.5	26	34	233	4.57	< 10	< 1	1.03	< 10	1.73	355
300087	205	294	< 5	< 0.2	9.39	32	240	< 0.5	< 2	4.63	< 0.5	18	79	37	2.70	10	< 1	1.05	< 10	1.54	270
300088	205	294	< 5	< 0.2	9.66	28	170	< 0.5	< 2	4.06	< 0.5	16	28	44	4.31	10	< 1	0.67	< 10	2.37	490
300089	205	294	25	< 0.2	7.89	14	130	< 0.5	< 2	3.75	< 0.5	20	56	49	2.89	< 10	< 1	0.52	< 10	1.62	300
300090	205	294	10	< 0.2	8.11	26	160	< 0.5	< 2	3.71	< 0.5	21	80	69	3.17	< 10	< 1	0.66	< 10	1.45	295

CERTIFICATION: [illegible]

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

Project : BENNETT
Comments: ATTN:DAVID TERRY FAX: CHRIS ROCKINGHAN

Certificate Date: 17-SEP-97
Invoice No. : I9741944
P.O. Number : 6109
Account : GP W

CERTIFICATE OF ANALYSIS A9741944

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
300051	205	294	< 1	0.31	217	690	2	2	11	372	0.09	< 10	< 10	113	< 10	62
300052	205	294	< 1	< 0.01	1270	600	< 2	< 2	3	39	0.03	< 10	< 10	58	< 10	50
300053	205	294	< 1	0.27	75	550	4	< 2	13	265	0.09	< 10	< 10	96	< 10	52
300054	205	294	< 1	0.27	163	690	2	< 2	12	176	0.10	< 10	< 10	94	< 10	44
300055	205	294	< 1	0.48	13	530	4	2	16	266	0.09	< 10	< 10	123	< 10	44
300056	205	294	< 1	0.25	15	600	8	< 2	12	193	0.07	< 10	< 10	94	< 10	34
300057	205	294	1	0.22	12	500	4	< 2	9	179	0.04	< 10	< 10	73	< 10	32
300058	205	294	< 1	0.20	15	710	2	2	10	151	0.03	< 10	< 10	79	< 10	32
300059	205	294	2	< 0.01	12	480	< 2	4	5	129	< 0.01	< 10	< 10	39	< 10	28
300060	205	294	3	0.32	14	580	6	< 2	9	205	0.03	< 10	< 10	72	< 10	28
300061	205	294	< 1	0.40	16	910	6	< 2	12	268	0.09	< 10	< 10	112	10	36
300062	205	294	13	0.30	20	620	6	2	11	192	0.05	< 10	< 10	80	< 10	32
300063	205	294	1	0.52	9	570	4	2	13	339	0.04	< 10	< 10	179	< 10	60
300064	205	294	< 1	0.43	11	470	6	2	14	389	0.07	< 10	< 10	179	< 10	78
300065	205	294	5	0.52	10	470	12	2	12	477	0.11	< 10	< 10	169	< 10	72
300066	205	294	2	0.77	8	510	8	2	6	642	0.12	< 10	< 10	138	< 10	56
300067	205	294	6	0.47	8	430	4	2	7	446	0.11	< 10	< 10	159	< 10	62
300068	205	294	24	0.46	18	490	16	2	7	368	0.07	< 10	< 10	102	< 10	32
300069	205	294	< 1	0.63	5	490	6	< 2	12	592	0.10	< 10	< 10	197	< 10	60
300070	205	294	< 1	0.50	7	530	6	< 2	15	457	0.08	< 10	< 10	211	< 10	64
300071	205	294	< 1	0.38	6	520	6	< 2	12	296	0.02	< 10	< 10	168	< 10	54
300072	205	294	< 1	0.35	6	510	2	2	14	283	0.03	< 10	< 10	186	< 10	74
300073	205	294	< 1	0.41	21	550	2	2	11	273	0.09	< 10	< 10	168	< 10	68
300074	205	294	< 1	0.40	2	980	4	< 2	5	223	0.14	< 10	< 10	63	< 10	36
300075	205	294	2	0.10	1	370	8	2	1	55	0.05	< 10	< 10	10	< 10	22
300076	205	294	2	0.05	1	340	4	< 2	1	44	0.06	< 10	< 10	9	< 10	14
300077	205	294	2	0.06	1	360	8	2	1	54	0.04	< 10	< 10	7	< 10	22
300078	205	294	1	0.08	1	340	8	< 2	1	49	0.03	< 10	< 10	7	< 10	18
300079	205	294	2	0.05	1	340	6	< 2	1	43	0.04	< 10	< 10	8	< 10	18
300080	205	294	2	0.08	1	350	6	< 2	1	58	0.04	< 10	< 10	9	< 10	20
300081	205	294	2	0.13	1	360	8	2	1	80	0.05	< 10	< 10	11	< 10	18
300082	205	294	< 1	0.34	2	950	6	< 2	3	185	0.14	< 10	< 10	53	< 10	28
300083	205	294	< 1	0.25	25	340	< 2	2	3	242	0.15	< 10	< 10	130	< 10	54
300084	205	294	< 1	0.29	20	390	4	< 2	10	296	0.13	< 10	< 10	229	< 10	68
300085	205	294	< 1	0.31	19	400	2	< 2	10	277	0.11	< 10	< 10	153	< 10	42
300086	205	294	< 1	0.32	30	390	< 2	< 2	7	413	0.10	< 10	< 10	117	< 10	44
300087	205	294	< 1	0.32	27	510	< 2	< 2	4	374	0.09	< 10	< 10	114	< 10	42
300088	205	294	< 1	0.37	15	540	2	< 2	11	297	0.08	< 10	< 10	167	< 10	76
300089	205	294	< 1	0.48	17	400	< 2	2	6	386	0.07	< 10	< 10	149	< 10	46
300090	205	294	< 1	0.57	29	290	< 2	< 2	7	405	0.09	< 10	< 10	138	< 10	44

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

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

Project : BENNETT
Comments: ATTN:DAVID TERRY FAX: CHRIS ROCKINGHAN

Page Number :2-A
Total Pages :2
Certificate Date: 17-SEP-97
Invoice No. :19741944
P.O. Number :6109
Account :GP W

CERTIFICATE OF ANALYSIS A9741944

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
300091	205	294	20	< 0.2	7.84	6	220	< 0.5	< 2	3.80	< 0.5	19	70	108	3.26	< 10	< 1	0.88	< 10	1.36	295
300092	205	294	15	0.2	8.40	10	440	< 0.5	< 2	3.37	< 0.5	14	45	43	3.65	< 10	< 1	1.42	< 10	1.87	345
300093	205	294	40	< 0.2	8.41	2	300	< 0.5	< 2	3.59	< 0.5	15	34	33	3.65	10	< 1	1.03	< 10	2.14	360
300094	205	294	< 5	0.2	7.48	16	150	< 0.5	< 2	4.11	< 0.5	20	50	51	4.18	< 10	< 1	0.50	< 10	1.99	555
300095	205	294	< 5	< 0.2	8.43	22	260	< 0.5	< 2	3.53	< 0.5	20	34	73	3.95	10	< 1	0.83	< 10	1.73	440
300096	205	294	< 5	0.2	5.96	2	300	< 0.5	< 2	2.31	< 0.5	12	28	37	3.89	< 10	< 1	0.83	< 10	1.68	505
300097	205	294	< 5	< 0.2	6.93	14	350	< 0.5	< 2	2.77	< 0.5	17	26	75	4.06	< 10	< 1	1.20	< 10	1.63	370
300098	205	294	< 5	0.2	8.60	76	370	< 0.5	< 2	3.36	< 0.5	15	22	41	4.19	10	< 1	1.08	< 10	1.75	530
300099	205	294	< 5	0.2	8.72	414	440	< 0.5	< 2	3.83	< 0.5	15	50	106	4.07	10	< 1	1.47	< 10	1.70	370
300100	205	294	< 5	< 0.2	6.73	174	360	< 0.5	< 2	2.89	< 0.5	6	24	40	3.19	< 10	< 1	1.28	< 10	1.66	280
300101	205	294	< 5	< 0.2	7.52	256	280	< 0.5	< 2	3.66	< 0.5	18	26	70	3.76	< 10	< 1	1.05	< 10	1.75	350
300102	205	294	< 5	< 0.2	7.26	132	160	< 0.5	< 2	3.85	< 0.5	16	23	69	2.90	< 10	< 1	0.67	< 10	1.32	290
300103	205	294	< 5	< 0.2	6.43	6	100	< 0.5	< 2	5.12	< 0.5	11	17	49	1.97	< 10	< 1	0.49	< 10	0.92	325
300104	205	294	< 5	< 0.2	7.89	76	330	< 0.5	< 2	5.16	< 0.5	15	32	31	3.61	10	< 1	1.46	< 10	1.89	575
300105	205	294	< 5	< 0.2	8.36	442	360	< 0.5	< 2	4.03	< 0.5	6	29	35	3.28	10	< 1	1.60	< 10	1.87	380
300106	205	294	35	0.6	8.82	2020	310	< 0.5	< 2	3.94	< 0.5	19	57	103	3.96	10	< 1	1.66	< 10	2.00	380
300107	205	294	5	0.2	6.11	62	170	< 0.5	< 2	3.89	< 0.5	7	34	49	3.38	< 10	< 1	1.07	< 10	2.03	480
300108	205	294	< 5	0.4	1.93	712	50	< 0.5	< 2	10.80	< 0.5	8	23	133	3.33	< 10	< 1	0.34	< 10	2.37	1210
300109	205	294	< 5	0.6	2.37	840	20	< 0.5	< 2	10.25	< 0.5	10	72	133	2.62	< 10	< 1	0.14	< 10	2.18	1040
300110	205	294	< 5	0.6	4.51	614	70	< 0.5	< 2	6.71	< 0.5	17	159	92	1.62	< 10	< 1	0.47	< 10	1.12	585
300111	205	294	5	1.6	8.11	400	370	0.5	< 2	4.19	< 0.5	18	56	263	3.95	10	< 1	1.89	< 10	1.75	555
300112	205	294	< 5	< 0.2	5.61	68	370	< 0.5	< 2	1.83	< 0.5	14	27	34	4.40	< 10	< 1	1.56	< 10	1.50	520
300113	205	294	< 5	0.2	7.15	22	350	< 0.5	< 2	3.09	< 0.5	9	27	30	3.88	10	< 1	1.58	< 10	1.67	490
300114	205	294	< 5	< 0.2	6.26	22	210	< 0.5	< 2	2.80	< 0.5	8	33	30	3.31	< 10	< 1	1.25	< 10	1.56	370
300115	205	294	< 5	1.0	2.33	< 2	30	< 0.5	< 2	6.49	< 0.5	16	18	213	3.70	< 10	< 1	0.17	< 10	1.71	730
300116	205	294	< 5	< 0.2	7.31	16	210	< 0.5	< 2	3.68	< 0.5	11	56	9	2.75	10	< 1	1.44	< 10	1.51	365
300117	205	294	< 5	0.6	2.63	8	80	< 0.5	< 2	9.89	< 0.5	10	56	131	2.53	< 10	< 1	0.97	< 10	2.08	1095
300118	205	294	5	0.6	1.39	2	70	< 0.5	< 2	10.10	< 0.5	6	32	87	2.21	< 10	< 1	0.88	< 10	2.08	1060
300119	205	294	< 5	< 0.2	1.03	14	10	< 0.5	< 2	8.72	< 0.5	7	49	59	1.73	< 10	< 1	0.09	< 10	1.25	775
300120	205	294	< 5	0.2	0.91	264	10	< 0.5	< 2	7.93	< 0.5	23	127	20	0.92	< 10	< 1	0.23	< 10	0.93	730
300121	205	294	< 5	< 0.2	1.17	14	50	< 0.5	< 2	10.75	< 0.5	6	52	47	2.23	< 10	< 1	0.56	< 10	2.76	1330

CERTIFICATION: [signature]

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Page Number :2-B
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CERTIFICATE OF ANALYSIS A9741944

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
300091	205	294	< 1	0.77	21	330	2	2	6	535	0.13	< 10	< 10	120	< 10	34
300092	205	294	< 1	0.83	11	470	< 2	< 2	7	906	0.14	< 10	< 10	148	< 10	44
300093	205	294	< 1	0.74	13	460	< 2	< 2	6	766	0.15	< 10	< 10	147	< 10	44
300094	205	294	< 1	0.56	17	350	< 2	< 2	9	457	0.09	< 10	< 10	145	< 10	64
300095	205	294	5	0.82	16	450	< 2	< 2	8	517	0.11	< 10	< 10	149	< 10	52
300096	205	294	< 1	0.53	7	530	< 2	< 2	7	570	0.12	< 10	< 10	130	< 10	54
300097	205	294	< 1	0.70	8	550	< 2	< 2	7	506	0.13	< 10	< 10	126	< 10	42
300098	205	294	< 1	0.79	6	510	< 2	< 2	11	580	0.10	< 10	< 10	147	< 10	56
300099	205	294	4	0.58	20	470	< 2	< 2	18	356	0.14	< 10	< 10	171	< 10	50
300100	205	294	< 1	0.32	6	600	< 2	< 2	12	269	0.13	< 10	< 10	66	< 10	42
300101	205	294	< 1	0.24	18	700	< 2	< 2	8	349	0.13	< 10	< 10	208	< 10	46
300102	205	294	< 1	0.29	18	860	< 2	< 2	6	308	0.09	< 10	< 10	90	< 10	40
300103	205	294	4	0.26	17	880	< 2	< 2	3	284	0.09	< 10	< 10	73	< 10	28
300104	205	294	< 1	0.22	24	890	< 2	< 2	7	282	0.16	< 10	< 10	91	< 10	62
300105	205	294	< 1	0.31	13	790	4	< 2	15	287	0.16	< 10	< 10	90	< 10	52
300106	205	294	22	0.37	27	460	6	2	22	293	0.17	< 10	< 10	196	< 10	58
300107	205	294	5	0.24	20	630	2	< 2	11	243	0.15	< 10	< 10	77	< 10	56
300108	205	294	9	< 0.01	46	410	< 2	< 2	1	99	0.04	< 10	< 10	30	< 10	34
300109	205	294	11	0.03	80	520	< 2	8	1	147	0.05	< 10	< 10	52	< 10	36
300110	205	294	13	0.10	192	740	6	2	2	227	0.07	< 10	< 10	40	< 10	44
300111	205	294	2	0.31	30	300	2	< 2	14	306	0.12	< 10	< 10	116	< 10	60
300112	205	294	< 1	0.16	18	270	< 2	< 2	11	205	0.15	< 10	< 10	62	< 10	48
300113	205	294	< 1	0.32	11	400	< 2	2	14	357	0.15	< 10	< 10	75	< 10	54
300114	205	294	< 1	0.27	14	520	< 2	< 2	11	233	0.15	< 10	< 10	50	< 10	52
300115	205	294	1	0.07	16	230	24	< 2	1	117	0.05	< 10	< 10	14	< 10	38
300116	205	294	< 1	0.43	26	540	2	< 2	11	346	0.13	< 10	< 10	60	< 10	46
300117	205	294	< 1	0.07	41	340	< 2	2	3	173	0.07	< 10	< 10	28	< 10	40
300118	205	294	3	< 0.01	33	370	< 2	2	1	107	0.07	< 10	< 10	21	< 10	34
300119	205	294	6	< 0.01	43	320	< 2	2	< 1	89	0.06	< 10	< 10	14	< 10	26
300120	205	294	3	0.01	112	280	< 2	2	< 1	120	0.04	< 10	< 10	11	< 10	18
300121	205	294	3	< 0.01	33	270	< 2	< 2	1	152	0.06	< 10	< 10	20	< 10	38

CERTIFICATION:

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

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

INVOICE NUMBER I9741945

BILLING INFORMATION

Date: 17-SEP-97
Project: BENNETT
P.O. No.:
Account: GP W

Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Billing: For analysis performed on Certificate A9741945

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

Please Remit Payments to:

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

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
46	205 - Geochem ring to approx 150 mesh	2.50		
	294 - 4-7 Kg crush and split	3.50		
	3202 - Rock - save entire reject	0.50		
	ICP-32	7.00		
	983 - Au ppb FA+AA	9.75	23.25	1069.50

Total Cost	$ 1069.50
Client Discount (25%)	$ -267.38
Net Cost	$ 802.12
(Reg# R100938885) GST	$ 56.15
TOTAL PAYABLE (CDN)	**$ 858.27**

Chemex Labs Ltd.

Analytical Chemists * Geochemists * 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: BENNETT
Comments: ATTN:DAVID TERRY FAX: CHRIS ROCKINGHAM

QC P 1-A
Tot QC rg: 1
Date: 16-SEP-97
Invoice #: 19741945
P.O. #:
GP W

QC DATA OF CERTIFICATE A9741945

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
ADS-1	Std2	1	500	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	470	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BL-C	Blnk	1	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CR-1	Std1	1	925	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	923	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
G96-1GM	Std1	1	-----	3.8	3.25	56	410	< 0.5	< 2	1.52	0.5	16	58	174	4.21	< 10	1	0.25	10	0.78	910
G96-1GM	Std2	1	-----	4.0	3.68	60	600	0.5	< 2	1.69	0.5	16	64	183	4.61	< 10	< 1	0.29	10	0.83	955
G96-1GM	Std1	2	-----	4.0	3.71	68	600	0.5	< 2	1.75	0.5	16	68	179	4.73	< 10	< 1	0.28	10	0.84	970
CHEMEX MEAN	---	---	-----	4.4	3.65	64	601	< 0.5	< 2	1.60	1.0	16	66	177	4.41	< 10	< 1	0.30	10	0.80	927
SIO2-B3	Blnk	1	-----	< 0.2	0.07	< 2	10	< 0.5	< 2	0.01	< 0.5	< 1	1	1	0.06	< 10	< 1	0.01	< 10	< 0.01	< 5
CHEMEX MEAN	---	---	-----	< 0.2	0.06	< 2	< 10	< 0.5	< 2	0.01	< 0.5	< 1	2	1	0.05	< 10	< 1	-----	< 10	< 0.01	-----
300122	Dupl	1-01	< 5	0.2	4.10	32	560	< 0.5	< 2	2.80	< 0.5	17	127	16	3.84	< 10	< 1	1.52	< 10	2.24	755
	Orig	1-01	< 5	0.4	4.70	34	620	< 0.5	< 2	3.12	< 0.5	18	142	17	4.02	< 10	< 1	1.60	< 10	2.34	795

CERTIFICATION: Stuart Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

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

QC F . 1-B
Tot QC Pg: 1
Date: 16-SEP-97
Invoice #: I9741945
P.O. #: GP W

Project: BENNETT
Comments: ATTN:DAVID TERRY FAX: CHRIS ROCKINGHAM

QC DATA OF CERTIFICATE A9741945

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
ADS-1	Std2	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BL-C	Blnk	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CR-1	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
G96-1GM	Std1	1	7	0.06	20	460	118	2	9	94	0.03	< 10	< 10	83	< 10	176
G96-1GM	Std2	1	6	0.06	21	470	126	< 2	10	107	0.05	< 10	< 10	91	< 10	178
G96-1GM	Std1	2	6	0.06	22	490	132	2	10	105	0.06	< 10	< 10	92	< 10	182
CHEMEX MEAN	---	---	9	0.07	20	520	120	4	10	102	0.06	< 10	-----	102	< 10	186
SIO2-B3	Blnk	1	< 1	< 0.01	< 1	90	2	< 2	1	34	< 0.01	< 10	< 10	1	< 10	< 2
CHEMEX MEAN	---	---	< 1	< 0.01	< 1	94	< 2	< 2	1	34	< 0.01	< 10	< 10	1	< 10	< 2
300122	Dup	1-01	< 1	0.26	48	820	8	4	8	246	0.16	< 10	< 10	87	< 10	74
	Orig	1-01	< 1	0.35	51	870	10	2	9	309	0.18	< 10	< 10	93	< 10	80

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

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

A9741945

Comments: ATTN:DAVID TERRY FAX: CHRIS ROCKINGHAM

CERTIFICATE A9741945

(GP W) - WESTMIN RESOURCES LTD.

Project: BENNETT
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 16-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	46	Geochem ring to approx 150 mesh
294	46	4-7 Kg crush and split
3202	46	Rock - save entire reject
229	46	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	46	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	46	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	46	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	46	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	46	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	46	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	46	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	46	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	46	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	46	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	46	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	46	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	46	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	46	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	46	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	46	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	46	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	46	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	46	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	46	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	46	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	46	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	46	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	46	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	46	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	46	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	46	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	46	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	46	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	46	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	46	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	46	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	46	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

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

Project : BENNETT
Comments: ATTN:DAVID TERRY FAX: CHRIS ROCKINGHAM

Page Number :1-A
Total Pages :2
Certificate Date: 16-SEP-97
Invoice No. :I9741945
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9741945

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
300122	205	294	< 5	0.4	4.70	34	620	< 0.5	< 2	3.12	< 0.5	18	142	17	4.02	< 10	< 1	1.60	< 10	2.34	795
300123	205	294	< 5	0.2	5.36	40	460	< 0.5	< 2	3.92	< 0.5	18	158	24	4.29	< 10	< 1	1.34	< 10	2.48	905
300124	205	294	< 5	0.2	4.15	70	340	< 0.5	< 2	4.07	< 0.5	20	121	29	4.26	< 10	< 1	1.09	< 10	2.17	900
300125	205	294	< 5	0.4	3.89	38	320	< 0.5	< 2	4.38	< 0.5	23	129	39	4.62	< 10	< 1	1.08	< 10	2.37	945
300126	205	294	< 5	0.2	2.23	112	120	0.5	< 2	4.82	< 0.5	22	87	24	4.12	< 10	1	0.58	< 10	1.93	940
300127	205	294	< 5	0.4	2.84	80	150	< 0.5	< 2	4.24	< 0.5	22	130	34	4.26	< 10	< 1	0.70	< 10	2.37	765
300128	205	294	< 5	0.2	1.80	248	100	0.5	< 2	5.19	< 0.5	12	22	33	3.41	< 10	< 1	0.58	< 10	1.32	1065
300129	205	294	20	0.2	1.47	884	60	< 0.5	< 2	6.48	1.0	21	58	45	4.53	< 10	< 1	0.37	< 10	1.69	2250
300130	205	294	10	< 0.2	1.50	430	70	< 0.5	< 2	7.22	< 0.5	16	48	26	4.57	< 10	< 1	0.41	< 10	2.24	2350
300131	205	294	< 5	0.4	6.75	52	700	0.5	< 2	4.28	< 0.5	20	159	55	4.86	10	< 1	2.05	< 10	2.60	835
300132	205	294	10	0.4	6.92	60	650	< 0.5	< 2	4.08	< 0.5	25	138	79	4.96	10	< 1	1.65	< 10	2.62	780
300133	205	294	< 5	0.6	6.52	36	730	< 0.5	< 2	3.55	< 0.5	22	147	45	4.59	10	< 1	1.50	< 10	2.47	675
300134	205	294	< 5	0.6	4.94	32	580	< 0.5	< 2	3.45	< 0.5	18	135	24	4.09	< 10	< 1	1.39	< 10	2.33	715
300135	205	294	20	0.4	1.25	1060	70	< 0.5	< 2	6.04	< 0.5	19	39	12	3.35	< 10	< 1	0.52	< 10	1.75	1755
300136	205	294	25	0.4	4.06	476	230	0.5	< 2	4.73	< 0.5	19	25	105	4.88	< 10	< 1	0.96	< 10	2.07	1590
300137	205	294	< 5	0.2	5.31	30	620	< 0.5	< 2	3.39	< 0.5	18	108	32	4.48	< 10	< 1	1.56	10	2.39	750
300138	205	294	< 5	0.2	3.94	40	600	< 0.5	< 2	2.60	< 0.5	16	135	17	3.98	< 10	< 1	1.38	< 10	2.56	735
300139	205	294	5	0.2	4.26	56	500	< 0.5	< 2	4.86	< 0.5	20	174	35	3.82	< 10	< 1	1.40	< 10	2.45	855
300140	205	294	10	0.2	3.92	94	300	< 0.5	< 2	2.23	< 0.5	13	101	17	3.34	< 10	1	1.21	< 10	1.84	675
300141	205	294	< 5	0.2	3.80	118	180	< 0.5	< 2	2.83	< 0.5	13	95	23	3.29	< 10	1	1.12	< 10	1.76	660
300142	205	294	10	< 0.2	2.21	414	120	< 0.5	< 2	3.74	< 0.5	12	48	13	2.88	< 10	< 1	0.74	10	1.60	1140
300143	205	294	100	1.4	1.97	7100	60	0.5	< 2	4.41	< 0.5	18	14	159	4.70	< 10	< 1	0.51	10	1.70	545
300144	205	294	20	0.8	2.85	1010	110	0.5	< 2	4.98	< 0.5	13	5	102	4.21	< 10	< 1	0.62	30	1.97	675
300145	205	294	< 5	0.2	3.27	144	90	0.5	< 2	5.97	< 0.5	19	51	109	4.78	< 10	< 1	0.56	< 10	2.40	875
300146	205	294	15	0.2	3.45	1345	140	0.5	< 2	5.80	< 0.5	34	177	110	4.88	< 10	< 1	1.09	< 10	2.56	970
300147	205	294	20	0.2	2.83	258	60	< 0.5	< 2	7.49	< 0.5	22	77	97	5.00	< 10	< 1	0.47	< 10	2.62	1210
300148	205	294	10	< 0.2	4.05	10	250	< 0.5	< 2	2.18	< 0.5	15	33	12	4.75	< 10	< 1	1.36	< 10	1.65	960
300149	205	294	5	< 0.2	1.77	38	90	0.5	< 2	2.91	< 0.5	19	26	48	3.24	< 10	< 1	0.48	< 10	0.98	840
300150	205	294	10	1.6	6.05	46	190	0.5	< 2	6.19	0.5	18	54	268	4.43	< 10	< 1	1.51	< 10	2.02	990
300151	205	294	15	1.4	6.56	70	70	0.5	< 2	6.10	2.0	20	80	332	3.84	< 10	< 1	1.39	< 10	2.08	880
300152	205	294	< 5	< 0.2	3.29	266	150	< 0.5	< 2	9.08	< 0.5	12	112	47	3.01	< 10	< 1	1.06	< 10	2.25	1020
300153	205	294	< 5	< 0.2	6.48	22	260	< 0.5	< 2	4.86	< 0.5	9	75	30	2.47	< 10	< 1	1.24	< 10	1.66	530
300154	205	294	< 5	< 0.2	8.78	34	200	< 0.5	< 2	4.62	< 0.5	16	57	40	3.94	10	1	1.01	< 10	1.80	555
300155	205	294	< 5	< 0.2	9.03	34	240	0.5	< 2	4.20	< 0.5	18	90	54	5.29	10	2	1.13	< 10	2.10	640
300156	205	294	10	< 0.2	8.30	14	130	< 0.5	< 2	4.26	< 0.5	19	69	57	4.37	10	1	0.72	< 10	1.99	445
300157	205	294	< 5	< 0.2	5.78	78	190	< 0.5	< 2	3.30	< 0.5	17	33	53	4.90	< 10	< 1	0.79	< 10	1.90	595
300158	205	294	< 5	0.2	9.20	58	260	0.5	< 2	4.62	< 0.5	18	19	106	4.72	10	1	1.30	< 10	1.80	420
300159	205	294	10	0.2	8.27	26	220	< 0.5	< 2	4.15	< 0.5	15	24	105	4.17	10	< 1	1.07	< 10	1.52	420
300160	205	294	10	0.2	7.81	974	240	< 0.5	< 2	3.55	< 0.5	20	41	126	4.91	10	1	1.29	< 10	1.69	380
300161	205	294	< 5	< 0.2	7.03	1490	200	< 0.5	< 2	3.32	< 0.5	15	31	101	4.55	< 10	< 1	1.20	< 10	1.74	320

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 : BENNETT
Comments: ATTN:DAVID TERRY FAX: CHRIS ROCKINGHAM

Page Number :1-B
Total Pages :2
Certificate Date: 16-SEP-97
Invoice No. :I9741945
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9741945

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
300122	205	294	< 1	0.35	51	870	10	2	9	309	0.18	< 10	< 10	93	< 10	80
300123	205	294	< 1	0.43	52	890	14	2	10	352	0.15	< 10	< 10	99	< 10	92
300124	205	294	< 1	0.23	52	940	10	8	10	264	0.08	< 10	< 10	80	< 10	78
300125	205	294	< 1	0.18	55	990	8	8	11	300	0.09	< 10	< 10	87	< 10	84
300126	205	294	< 1	0.03	56	1140	4	16	10	243	0.01	< 10	< 10	54	< 10	76
300127	205	294	< 1	0.05	57	1180	14	14	11	216	0.03	< 10	< 10	72	< 10	70
300128	205	294	1	0.06	27	900	< 2	8	6	132	< 0.01	< 10	< 10	34	< 10	74
300129	205	294	< 1	< 0.01	46	1140	< 2	10	7	172	< 0.01	< 10	< 10	38	< 10	138
300130	205	294	< 1	< 0.01	45	1100	< 2	8	7	253	< 0.01	< 10	< 10	31	< 10	38
300131	205	294	< 1	0.42	59	1100	4	2	12	328	0.17	< 10	< 10	126	< 10	96
300132	205	294	< 1	0.48	51	1250	6	< 2	9	409	0.22	< 10	< 10	145	< 10	96
300133	205	294	< 1	0.57	48	1080	4	< 2	13	515	0.17	< 10	< 10	150	< 10	90
300134	205	294	< 1	0.39	53	880	6	< 2	8	334	0.14	< 10	< 10	95	< 10	94
300135	205	294	1	< 0.01	55	940	< 2	12	9	251	< 0.01	< 10	< 10	23	< 10	36
300136	205	294	3	0.19	21	1410	< 2	6	9	278	0.06	< 10	< 10	104	< 10	74
300137	205	294	< 1	0.35	41	1570	2	< 2	11	329	0.15	< 10	< 10	113	< 10	82
300138	205	294	< 1	0.22	49	800	< 2	< 2	9	231	0.17	< 10	< 10	100	< 10	80
300139	205	294	< 1	0.27	48	800	< 2	< 2	11	301	0.15	< 10	< 10	108	< 10	74
300140	205	294	< 1	0.31	24	730	6	< 2	9	190	0.13	< 10	< 10	76	< 10	62
300141	205	294	< 1	0.28	23	690	8	< 2	8	152	0.11	< 10	< 10	68	< 10	60
300142	205	294	< 1	0.06	21	680	8	6	5	184	0.02	< 10	< 10	36	< 10	42
300143	205	294	1	0.05	11	2370	12	16	8	322	0.01	< 10	< 10	49	< 10	64
300144	205	294	1	0.01	15	2570	8	12	10	475	< 0.01	< 10	< 10	79	< 10	60
300145	205	294	2	0.03	44	1340	4	10	10	199	0.03	< 10	< 10	110	< 10	64
300146	205	294	1	0.01	100	870	2	16	16	211	0.08	< 10	< 10	142	< 10	66
300147	205	294	1	< 0.01	57	680	2	10	15	274	0.01	< 10	< 10	112	< 10	76
300148	205	294	< 1	0.07	15	220	2	< 2	13	153	0.07	< 10	< 10	65	< 10	82
300149	205	294	< 1	0.01	13	170	6	6	11	177	< 0.01	< 10	< 10	29	< 10	72
300150	205	294	3	0.21	35	290	6	4	13	218	0.08	< 10	< 10	120	< 10	96
300151	205	294	9	0.32	48	270	8	6	15	259	0.09	< 10	< 10	104	< 10	118
300152	205	294	13	0.06	81	690	< 2	4	4	142	0.08	< 10	< 10	48	< 10	54
300153	205	294	< 1	0.26	17	600	< 2	< 2	8	236	0.12	< 10	< 10	76	< 10	52
300154	205	294	< 1	0.49	28	630	2	< 2	5	415	0.12	< 10	< 10	130	< 10	60
300155	205	294	< 1	0.49	28	620	2	4	9	463	0.11	< 10	< 10	159	< 10	64
300156	205	294	< 1	0.40	23	470	2	< 2	8	380	0.10	< 10	< 10	148	< 10	48
300157	205	294	< 1	0.26	16	590	2	2	15	175	0.04	< 10	< 10	136	< 10	50
300158	205	294	< 1	0.66	10	450	< 2	2	9	427	0.16	< 10	< 10	167	< 10	46
300159	205	294	< 1	0.86	7	440	2	< 2	9	321	0.16	< 10	< 10	171	< 10	42
300160	205	294	< 1	0.54	17	660	2	< 2	15	341	0.11	< 10	< 10	132	< 10	36
300161	205	294	< 1	0.39	14	880	2	< 2	15	434	0.08	< 10	< 10	122	< 10	38

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

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

Project : BENNETT
Comments: ATTN:DAVID TERRY FAX: CHRIS ROCKINGHAM

Page ber :2-A
Total Pages :2
Certificate Date: 16-SEP-97
Invoice No. :19741945
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9741945

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
300162	205	294	20	0.2	7.51	518	160	< 0.5	< 2	3.63	< 0.5	28	265	142	4.86	10	< 1	1.28	< 10	2.61	430
300163	205	294	< 5	0.2	7.01	394	160	< 0.5	< 2	3.56	< 0.5	18	65	146	4.67	< 10	< 1	1.10	< 10	2.30	450
300164	205	294	10	0.2	4.96	18	180	< 0.5	< 2	2.45	< 0.5	11	31	56	4.15	< 10	< 1	0.77	< 10	1.37	415
300165	205	294	< 5	< 0.2	3.89	30	210	< 0.5	< 2	1.81	< 0.5	8	47	90	2.79	< 10	< 1	0.63	< 10	1.00	270
300166	205	294	< 5	0.2	8.84	38	440	0.5	< 2	4.01	< 0.5	17	19	49	6.04	10	2	1.40	< 10	1.79	980
300167	205	294	< 5	< 0.2	7.33	38	300	0.5	< 2	4.02	< 0.5	13	40	41	4.59	< 10	1	1.04	< 10	1.73	610

CERTIFICATION:

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

Project : BENNETT
Comments: ATTN:DAVID TERRY FAX: CHRIS ROCKINGHAM

Page Number :2-B
Total Pages :2
Certificate Date: 16-SEP-97
Invoice No. :I9741945
P.O. Number :
Account :GP W

CERTIFICATE OF ANALYSIS A9741945

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
300162	205	294	< 1	0.33	192	820	< 2	< 2	14	306	0.14	< 10	< 10	145	< 10	56
300163	205	294	< 1	0.29	25	430	< 2	< 2	11	426	0.15	< 10	< 10	155	< 10	52
300164	205	294	< 1	0.19	5	550	< 2	< 2	10	149	0.10	< 10	< 10	76	< 10	38
300165	205	294	< 1	0.21	3	370	< 2	< 2	4	234	0.05	< 10	< 10	38	< 10	30
300166	205	294	< 1	0.48	5	770	4	< 2	16	242	0.12	< 10	< 10	172	< 10	62
300167	205	294	< 1	0.46	10	740	< 2	< 2	14	226	0.11	< 10	< 10	141	< 10	50

CERTIFICATION: Ian Bachles

Chemex Labs Ltd.

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

.o: WESTMIN RESOURCES LTD.

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

INVOICE NUMBER I9741951

BILLING INFORMATION

Date: 18-SEP-97
Project: BENET
P.O. No.: 6109
Account: GP W

Comments: ATTN:DAVID TERRY-VANCOUVER OFFICE

Billing: For analysis performed on Certificate A9741951

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

Please Remit Payments to:

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

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
61	205 - Geochem ring to approx 150 mesh	2.50		
	294 - 4-7 Kg crush and split	3.50		
	3202 - Rock - save entire reject	0.50		
	ICP-32	7.00		
	983 - Au ppb FA+AA	9.75	23.25	1418.25

Total Cost $	1418.25
Client Discount (25%) $	-354.56
Net Cost $	1063.69
(Reg# R100938885) GST $	74.46
TOTAL PAYABLE (CDN) $	**1138.15**

Chemex Labs Ltd.

Analytical Chemists * Geochemists * 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

QC Pag: 1-A
Tot QC Pg: 1
Date: 17-SEP-97
Invoice #: I9741951
P.O. #: 6109 GP W

Project: BENET
Comments: ATTN:DAVID TERRY FAX : CHRIS ROCKINGHAM

QC DATA OF CERTIFICATE A9741951

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
ADS-1	Std1	1	440	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ADS-1	Std1	2	450	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	470	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BL-C	Blnk	1	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
G96-1GM	Std1	1	-----	5.2	3.53	62	510	< 0.5	< 2	1.62	0.5	16	64	171	4.43	< 10	< 1	0.27	10	0.80	915
G96-1GM	Std2	1	-----	4.0	3.84	60	550	< 0.5	< 2	1.63	0.5	15	64	185	4.47	< 10	< 1	0.29	10	0.82	940
G96-1GM	Std1	2	-----	4.2	3.59	56	480	< 0.5	< 2	1.61	0.5	16	63	185	4.41	< 10	< 1	0.27	10	0.82	945
CHEMEX MEAN	---	---	-----	4.4	3.65	64	601	< 0.5	< 2	1.60	1.0	16	66	177	4.41	< 10	< 1	0.30	10	0.80	927
SIO2-B3	Blnk	1	-----	< 0.2	0.06	< 2	10	< 0.5	< 2	0.01	< 0.5	< 1	1	1	0.06	< 10	< 1	< 0.01	< 10	< 0.01	< 5
CHEMEX MEAN	---	---	-----	< 0.2	0.06	< 2	< 10	< 0.5	< 2	0.01	< 0.5	< 1	2	1	0.05	< 10	< 1	-----	< 10	< 0.01	-----
TC-97	Std2	1	195	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	201	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
300168	Dup	1-01	10	0.8	3.16	2	150	< 0.5	< 2	2.55	< 0.5	18	46	107	3.62	< 10	< 1	0.72	< 10	1.66	545
	Orig	1-01	< 5	0.8	3.06	< 2	150	< 0.5	< 2	2.69	< 0.5	17	46	105	3.87	< 10	< 1	0.72	< 10	1.69	555
300208	Dup	2-01	< 5	0.2	1.79	142	70	< 0.5	< 2	1.79	< 0.5	6	34	24	2.58	< 10	< 1	0.28	10	0.57	370
	Orig	2-01	< 5	0.2	1.81	144	70	< 0.5	< 2	1.80	< 0.5	6	35	24	2.57	< 10	< 1	0.30	10	0.56	365

CERTIFICATION: Stan Pocklan

Chemex Labs Ltd.

Analytical Chemists * Geochemists * 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: BENET
Comments: ATTN:DAVID TERRY FAX : CHRIS ROCKINGHAM

QC Page #: 1-B
Tot QC Pg: 1
Date: 17-SEP-97
Invoice #: I9741951
P.O. #: 6109
GP W

QC DATA OF CERTIFICATE A9741951

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
ADS-1	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ADS-1	Std1	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BL-C	Blnk	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
G96-1GM	Std1	1	6	0.06	20	460	126	2	9	100	0.05	< 10	< 10	87	< 10	172
G96-1GM	Std2	1	6	0.06	21	460	122	2	10	109	0.05	< 10	< 10	92	< 10	184
G96-1GM	Std1	2	6	0.06	22	470	122	2	9	103	0.04	< 10	< 10	87	< 10	188
CHEMEX MEAN	---	---	9	0.07	20	520	120	4	10	102	0.06	< 10	-----	102	< 10	186
SIO2-B3	Blnk	1	< 1	< 0.01	< 1	80	2	< 2	1	31	< 0.01	< 10	< 10	1	< 10	< 2
CHEMEX MEAN	---	---	< 1	< 0.01	< 1	94	< 2	< 2	1	34	< 0.01	< 10	< 10	1	< 10	< 2
TC-97	Std2	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
300168	Dup	1-01	< 1	0.20	14	1190	2	< 2	5	189	0.16	< 10	< 10	122	< 10	44
	Orig	1-01	< 1	0.19	15	1200	< 2	2	5	182	0.16	< 10	< 10	121	< 10	42
300208	Dup	2-01	1	0.13	2	610	14	4	2	123	0.05	< 10	< 10	28	< 10	38
	Orig	2-01	2	0.14	2	600	16	6	2	124	0.07	< 10	< 10	28	< 10	36

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

A9741951

Comments: ATTN:DAVID TERRY FAX : CHRIS ROCKINGHAM

CERTIFICATE A9741951

(GP W) - WESTMIN RESOURCES LTD.

Project: BENET
P.O. # : 6109

Samples submitted to our lab in Vancouver, BC.
This report was printed on 17-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	61	Geochem ring to approx 150 mesh
294	61	4-7 Kg crush and split
3202	61	Rock - save entire reject
229	61	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	61	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	61	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	61	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	61	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	61	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	61	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	61	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	61	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	61	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	61	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	61	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	61	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	61	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	61	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	61	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	61	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	61	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	61	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	61	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	61	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	61	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	61	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	61	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	61	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	61	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	61	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	61	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	61	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	61	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	61	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	61	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	61	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	61	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

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

Project : BENET
Comments: ATTN:DAVID TERRY FAX : CHRIS ROCKINGHAM

Page Number :1-A
Total Pages :2
Certificate Date: 17-SEP-97
Invoice No. :19741951
P.O. Number :6109
Account :GP W

CERTIFICATE OF ANALYSIS A9741951

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
300168	205	294	< 5	0.8	3.06	< 2	150	< 0.5	< 2	2.69	< 0.5	17	46	105	3.87	< 10	< 1	0.72	< 10	1.69	555
300169	205	294	< 5	< 0.2	3.01	14	40	< 0.5	< 2	4.83	< 0.5	27	418	26	2.92	< 10	< 1	0.22	< 10	1.90	610
300170	205	294	< 5	0.2	3.53	2	100	< 0.5	< 2	7.29	< 0.5	22	249	28	3.68	< 10	< 1	0.83	< 10	2.61	860
300171	205	294	< 5	0.8	4.35	4	130	< 0.5	< 2	6.19	< 0.5	18	110	97	3.30	< 10	< 1	1.05	< 10	1.83	675
300172	205	294	< 5	0.2	7.34	14	260	< 0.5	< 2	4.70	< 0.5	15	59	51	4.17	10	1	1.61	< 10	1.72	565
300173	205	294	< 5	0.8	5.48	8	260	< 0.5	< 2	2.90	< 0.5	16	8	126	4.24	10	< 1	1.33	< 10	1.60	600
300174	205	294	5	1.0	4.48	4	180	< 0.5	< 2	2.71	< 0.5	19	5	180	4.56	< 10	< 1	1.16	< 10	1.64	625
300175	205	294	10	1.0	3.38	4	120	< 0.5	< 2	2.52	< 0.5	14	6	138	3.89	< 10	< 1	0.70	< 10	1.38	575
300176	205	294	< 5	0.8	3.13	6	50	< 0.5	< 2	2.63	< 0.5	14	5	132	3.62	< 10	< 1	0.29	< 10	1.38	545
300177	205	294	15	1.6	4.06	52	70	< 0.5	< 2	2.88	< 0.5	21	5	239	4.73	10	< 1	0.50	< 10	1.93	650
300178	205	294	< 5	< 0.2	4.36	10	50	< 0.5	< 2	3.08	< 0.5	16	56	17	3.59	< 10	< 1	0.32	< 10	1.61	475
300179	205	294	< 5	< 0.2	3.70	< 2	20	< 0.5	< 2	3.65	< 0.5	13	56	10	2.98	< 10	< 1	0.08	< 10	1.39	520
300180	205	294	20	1.8	3.38	44	90	< 0.5	< 2	2.23	< 0.5	44	8	243	4.56	< 10	< 1	0.63	< 10	1.49	470
300181	205	294	< 5	0.2	4.08	8	40	< 0.5	< 2	4.34	< 0.5	15	169	36	2.91	< 10	< 1	0.20	< 10	1.39	520
300182	205	294	55	1.4	3.37	14	30	< 0.5	< 2	4.32	< 0.5	15	19	280	3.56	< 10	< 1	0.18	< 10	1.62	785
300183	205	294	10	1.0	5.27	< 2	140	< 0.5	< 2	4.20	< 0.5	16	129	143	3.16	< 10	< 1	0.74	< 10	1.41	465
300184	205	294	< 5	0.6	4.33	< 2	130	< 0.5	< 2	4.42	< 0.5	13	29	124	2.71	< 10	< 1	0.59	< 10	1.32	470
300185	205	294	10	0.8	5.01	6	110	< 0.5	< 2	3.89	< 0.5	15	29	134	3.12	< 10	1	0.39	< 10	1.41	440
300186	205	294	< 5	0.6	3.95	8	30	< 0.5	< 2	4.27	< 0.5	13	45	81	2.12	< 10	< 1	0.06	< 10	1.16	425
300187	205	294	20	1.2	4.45	52	70	< 0.5	< 2	4.23	< 0.5	23	93	181	3.24	< 10	< 1	0.33	< 10	1.64	550
300188	205	294	100	1.2	5.39	342	40	< 0.5	< 2	4.49	< 0.5	18	37	158	2.74	< 10	< 1	0.07	< 10	1.38	495
300189	205	294	10	0.2	6.39	100	100	< 0.5	< 2	3.80	< 0.5	30	147	110	3.90	10	< 1	0.32	< 10	1.62	480
300190	205	294	< 5	0.4	7.63	112	80	< 0.5	< 2	3.50	< 0.5	37	83	253	6.21	10	1	0.18	< 10	1.90	555
300191	205	294	10	0.2	8.80	76	160	0.5	< 2	4.25	< 0.5	26	109	147	5.62	10	< 1	0.39	< 10	2.05	545
300192	205	294	10	0.6	7.71	106	110	0.5	< 2	4.10	< 0.5	28	107	152	5.50	10	< 1	0.32	< 10	1.93	630
300193	205	294	< 5	0.2	7.10	82	140	0.5	< 2	4.60	< 0.5	33	112	140	4.53	10	< 1	0.58	< 10	1.74	510
300194	205	294	30	0.6	4.43	278	40	< 0.5	< 2	5.36	< 0.5	28	126	148	4.16	< 10	< 1	0.15	< 10	1.70	735
300195	205	294	30	0.2	2.56	474	60	< 0.5	< 2	6.99	< 0.5	21	144	75	5.51	< 10	1	0.19	< 10	2.64	1355
300196	205	294	30	0.4	3.10	624	50	< 0.5	< 2	5.73	< 0.5	54	63	209	4.45	< 10	< 1	0.22	< 10	1.80	895
300197	205	294	10	0.8	5.53	50	30	0.5	< 2	4.87	< 0.5	43	105	244	4.63	< 10	< 1	0.14	< 10	1.74	590
300198	205	294	10	0.2	8.61	84	100	0.5	< 2	4.30	< 0.5	33	109	228	6.05	10	< 1	0.51	< 10	2.15	485
300199	205	294	5	0.2	4.82	66	30	< 0.5	< 2	5.58	< 0.5	29	119	222	5.33	< 10	< 1	0.22	< 10	2.30	720
300200	205	294	5	0.2	4.63	22	40	< 0.5	< 2	6.43	< 0.5	21	55	154	3.82	< 10	< 1	0.33	< 10	1.65	625
300201	205	294	< 5	0.8	7.83	6	130	0.5	< 2	4.13	< 0.5	19	42	142	4.36	10	1	0.89	< 10	1.50	325
300202	205	294	< 5	0.8	7.00	28	220	0.5	< 2	5.07	< 0.5	21	94	83	3.80	10	< 1	1.30	< 10	1.72	525
300203	205	294	< 5	0.8	6.44	8	170	0.5	< 2	4.51	< 0.5	21	61	94	3.58	< 10	< 1	0.92	< 10	1.53	450
300204	205	294	< 5	0.4	7.65	20	430	0.5	< 2	5.18	< 0.5	17	60	109	4.89	10	< 1	1.96	< 10	2.18	655
300205	205	294	< 5	0.4	8.21	44	510	0.5	< 2	4.09	< 0.5	11	8	75	4.83	10	< 1	2.04	10	2.06	510
300206	205	294	440	4.0	7.42	>10000	100	0.5	4	3.61	< 0.5	73	6	74	6.64	10	< 1	1.81	10	2.03	470
300207	205	294	< 5	0.2	7.18	260	480	0.5	< 2	5.05	< 0.5	16	83	80	4.84	10	< 1	2.09	< 10	2.30	695

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 : BENET
Comments: ATTN:DAVID TERRY FAX : CHRIS ROCKINGHAM

Page Number :1-B
Total Pages :2
Certificate Date: 17-SEP-97
Invoice No. : I9741951
P.O. Number :6109
Account :GP W

CERTIFICATE OF ANALYSIS A9741951

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
300168	205	294	< 1	0.19	15	1200	< 2	2	5	182	0.16	< 10	< 10	121	< 10	42
300169	205	294	< 1	0.16	102	1390	< 2	2	4	247	0.10	< 10	< 10	63	< 10	36
300170	205	294	< 1	0.10	79	1160	< 2	< 2	7	274	0.11	< 10	< 10	88	< 10	48
300171	205	294	< 1	0.27	33	1120	< 2	< 2	6	270	0.11	< 10	< 10	93	< 10	38
300172	205	294	< 1	0.66	14	1400	6	< 2	7	484	0.16	< 10	< 10	145	< 10	52
300173	205	294	< 1	0.57	5	1270	< 2	< 2	5	410	0.19	< 10	< 10	135	< 10	56
300174	205	294	< 1	0.41	6	1320	2	< 2	4	247	0.20	< 10	< 10	139	< 10	58
300175	205	294	< 1	0.29	5	1280	6	< 2	3	173	0.18	< 10	< 10	110	< 10	50
300176	205	294	< 1	0.24	5	1330	16	2	3	245	0.17	< 10	< 10	105	< 10	54
300177	205	294	< 1	0.31	6	1270	32	2	5	220	0.22	< 10	< 10	146	< 10	70
300178	205	294	< 1	0.41	20	1270	< 2	< 2	3	270	0.18	< 10	< 10	117	< 10	42
300179	205	294	< 1	0.33	20	1200	6	< 2	4	202	0.13	< 10	< 10	89	< 10	32
300180	205	294	< 1	0.27	19	1200	2	< 2	4	129	0.16	< 10	< 10	110	< 10	38
300181	205	294	< 1	0.42	46	1380	2	< 2	5	240	0.12	< 10	< 10	88	< 10	30
300182	205	294	< 1	0.28	14	1110	< 2	2	8	258	0.12	< 10	< 10	112	< 10	44
300183	205	294	< 1	0.57	35	1070	2	< 2	4	628	0.15	< 10	< 10	96	< 10	36
300184	205	294	< 1	0.51	13	1080	2	2	4	639	0.13	< 10	< 10	78	< 10	36
300185	205	294	< 1	0.53	15	1080	4	< 2	3	875	0.14	< 10	< 10	84	< 10	40
300186	205	294	< 1	0.45	15	980	4	< 2	3	472	0.10	< 10	< 10	65	< 10	28
300187	205	294	< 1	0.36	32	1050	4	6	6	447	0.12	< 10	< 10	103	< 10	40
300188	205	294	< 1	0.42	23	1000	2	2	4	518	0.11	< 10	< 10	89	< 10	38
300189	205	294	< 1	0.34	42	1270	< 2	4	10	541	0.12	< 10	< 10	136	< 10	44
300190	205	294	< 1	0.32	55	1440	< 2	< 2	12	552	0.09	< 10	< 10	182	< 10	58
300191	205	294	< 1	0.30	39	1320	< 2	< 2	12	537	0.16	< 10	< 10	195	< 10	62
300192	205	294	< 1	0.28	37	1380	< 2	< 2	15	419	0.15	< 10	< 10	196	< 10	68
300193	205	294	< 1	0.22	36	1330	< 2	< 2	8	365	0.12	< 10	< 10	140	< 10	48
300194	205	294	< 1	0.11	58	1130	< 2	6	12	263	0.06	< 10	< 10	106	< 10	42
300195	205	294	< 1	0.02	51	1090	< 2	22	20	301	0.01	< 10	< 10	116	< 10	50
300196	205	294	6	0.09	52	1260	< 2	12	14	258	0.02	< 10	< 10	102	< 10	36
300197	205	294	< 1	0.22	61	1230	4	4	11	350	0.10	< 10	< 10	130	< 10	42
300198	205	294	< 1	0.32	41	1490	< 2	< 2	14	467	0.15	< 10	< 10	218	< 10	50
300199	205	294	< 1	0.10	41	1360	2	4	11	249	0.10	< 10	< 10	155	< 10	56
300200	205	294	5	0.21	35	960	< 2	2	5	342	0.07	< 10	< 10	88	< 10	40
300201	205	294	< 1	0.52	19	1100	6	< 2	3	578	0.12	< 10	< 10	97	< 10	42
300202	205	294	1	0.45	31	1070	< 2	< 2	3	587	0.13	< 10	< 10	94	< 10	48
300203	205	294	< 1	0.40	28	1070	2	< 2	4	450	0.13	< 10	< 10	94	< 10	44
300204	205	294	< 1	0.53	30	1760	2	< 2	11	706	0.21	< 10	< 10	170	< 10	62
300205	205	294	< 1	0.45	8	2800	12	< 2	12	494	0.28	< 10	< 10	147	< 10	58
300206	205	294	< 1	0.35	8	2520	6	8	11	296	0.03	< 10	< 10	112	< 10	54
300207	205	294	< 1	0.38	21	2000	6	< 2	13	342	0.21	< 10	< 10	142	< 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

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

Project : BENET
Comments: ATTN:DAVID TERRY FAX : CHRIS ROCKINGHAM

Certificate Date: 17-SEP-97
Invoice No. :19741951
P.O. Number :6109
Account :GP W

CERTIFICATE OF ANALYSIS A9741951

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
300208	205	294	< 5	0.2	1.81	144	70	< 0.5	< 2	1.80	< 0.5	6	35	24	2.57	< 10	< 1	0.30	10	0.56	365
300209	205	294	< 5	0.2	1.37	282	70	< 0.5	< 2	0.63	1.5	3	33	13	1.57	< 10	< 1	0.36	10	0.22	250
300210	205	294	< 5	0.2	1.28	260	90	< 0.5	< 2	0.98	1.5	3	43	8	1.60	< 10	< 1	0.39	10	0.20	430
300211	205	294	5	0.2	1.13	232	90	< 0.5	< 2	0.99	0.5	3	48	5	1.72	< 10	< 1	0.37	10	0.21	385
300212	205	294	< 5	< 0.2	1.98	216	100	0.5	< 2	1.19	0.5	4	35	6	2.33	< 10	< 1	0.46	10	0.53	405
300213	205	294	< 5	0.6	6.19	62	200	< 0.5	< 2	5.36	< 0.5	26	77	147	5.38	10	< 1	1.39	< 10	2.30	900
300214	205	294	< 5	0.4	6.96	20	180	0.5	< 2	4.94	< 0.5	26	127	151	4.72	10	< 1	1.51	< 10	1.85	580
300215	205	294	< 5	0.2	6.76	40	180	< 0.5	< 2	5.76	< 0.5	24	92	83	4.22	10	1	1.55	< 10	1.96	685
300216	205	294	< 5	0.6	6.84	74	130	0.5	< 2	5.04	< 0.5	25	106	130	3.89	10	< 1	1.03	< 10	1.70	540
300217	205	294	< 5	0.8	6.97	14	90	0.5	< 2	4.11	< 0.5	22	86	121	3.55	10	< 1	0.68	< 10	1.53	385
300218	205	294	< 5	1.6	7.99	18	220	0.5	< 2	4.51	< 0.5	17	63	98	3.93	10	1	1.28	< 10	1.93	430
300219	205	294	< 5	1.2	8.74	6	300	0.5	< 2	4.37	< 0.5	13	64	83	4.00	10	< 1	1.72	< 10	2.08	440
300220	205	294	< 5	0.2	8.58	< 2	340	0.5	< 2	5.20	< 0.5	14	36	59	4.48	10	< 1	1.99	< 10	2.23	615
300221	205	294	< 5	0.2	8.51	< 2	390	0.5	< 2	4.68	< 0.5	13	32	70	4.58	10	1	2.02	< 10	2.16	570
300222	205	294	< 5	< 0.2	7.17	20	340	< 0.5	< 2	6.54	< 0.5	21	103	87	5.00	10	< 1	2.25	< 10	2.55	865
300223	205	294	< 5	< 0.2	7.95	8	280	0.5	< 2	4.42	< 0.5	14	49	52	4.60	10	1	1.95	< 10	2.10	575
300224	205	294	< 5	< 0.2	8.31	2	370	0.5	< 2	3.92	< 0.5	12	35	25	4.61	10	1	2.07	< 10	2.07	565
300225	205	294	< 5	< 0.2	8.89	6	330	0.5	< 2	4.34	< 0.5	11	30	23	4.06	10	< 1	1.97	< 10	2.13	530
300226	205	294	< 5	< 0.2	6.98	< 2	230	0.5	< 2	3.25	< 0.5	9	47	21	4.04	10	1	1.80	< 10	2.10	485
300227	205	294	< 5	< 0.2	7.69	< 2	230	0.5	< 2	3.60	< 0.5	6	32	7	3.26	10	< 1	1.44	< 10	1.64	410
300228	205	294	< 5	< 0.2	7.27	2	260	0.5	< 2	3.24	< 0.5	6	41	5	3.01	10	< 1	1.43	< 10	1.58	360

CERTIFICATION: Ian Pochler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * 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 : BENET
Comments: ATTN:DAVID TERRY FAX : CHRIS ROCKINGHAM

Page Number :2-B
Total Pages :2
Certificate Date: 17-SEP-97
Invoice No. : I9741951
P.O. Number :6109
Account : GP W

CERTIFICATE OF ANALYSIS A9741951

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
300208	205	294	2	0.14	2	600	16	6	2	124	0.07	< 10	< 10	28	< 10	36
300209	205	294	1	0.12	1	340	16	8	< 1	49	0.03	< 10	< 10	4	< 10	102
300210	205	294	1	0.08	1	330	50	16	< 1	58	0.02	< 10	< 10	4	< 10	148
300211	205	294	2	0.05	1	340	36	8	1	71	0.01	< 10	< 10	4	< 10	94
300212	205	294	2	0.14	1	490	8	2	2	88	0.06	< 10	< 10	21	< 10	112
300213	205	294	< 1	0.24	37	890	2	2	8	300	0.16	< 10	< 10	135	< 10	72
300214	205	294	< 1	0.29	47	1080	< 2	2	5	370	0.18	< 10	< 10	135	< 10	56
300215	205	294	< 1	0.33	40	980	< 2	< 2	4	351	0.16	< 10	< 10	117	< 10	60
300216	205	294	< 1	0.46	42	1140	2	2	3	513	0.15	< 10	< 10	109	< 10	54
300217	205	294	< 1	0.50	50	1090	2	< 2	3	588	0.15	< 10	< 10	81	< 10	48
300218	205	294	< 1	0.55	21	1230	< 2	2	7	601	0.17	< 10	< 10	116	< 10	54
300219	205	294	< 1	0.55	16	1290	4	< 2	6	715	0.17	< 10	< 10	118	< 10	62
300220	205	294	< 1	0.49	14	1470	< 2	< 2	7	875	0.17	< 10	< 10	122	< 10	72
300221	205	294	< 1	0.50	7	1500	< 2	2	10	850	0.17	< 10	< 10	137	< 10	68
300222	205	294	< 1	0.35	34	1400	< 2	< 2	8	646	0.16	< 10	< 10	149	< 10	80
300223	205	294	< 1	0.58	10	1330	< 2	< 2	10	521	0.15	< 10	< 10	139	< 10	72
300224	205	294	< 1	0.72	5	1390	2	< 2	11	672	0.17	< 10	< 10	139	< 10	74
300225	205	294	< 1	0.65	6	980	< 2	< 2	7	762	0.12	< 10	< 10	95	< 10	72
300226	205	294	< 1	0.45	8	1640	< 2	< 2	8	586	0.12	< 10	< 10	89	< 10	68
300227	205	294	< 1	0.68	4	900	2	< 2	7	547	0.11	< 10	< 10	86	< 10	58
300228	205	294	< 1	0.69	4	800	< 2	< 2	8	780	0.12	< 10	< 10	85	< 10	52

CERTIFICATION: [signature]

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

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

INVOICE NUMBER I9742806

BILLING INFORMATION

Date: 24-SEP-97
Project: BENNETT
P.O. No.: 6109
Account: GP W

Comments: ATTN: DAVID TERRY VANCOUVER OFFICE

Billing: For analysis performed on Certificate A9742806

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

Please Remit Payments to:

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

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
57	205 - Geochem ring to approx 150 mesh	2.50		
	0-3 Kg crush and split	2.60		
	ICP-32	7.00		
	983 - Au ppb FA+AA	9.75	21.85	1245.45

Total Cost $	1245.45
Client Discount (25%) $	-311.36
Net Cost $	934.09
(Reg# R100938885) GST $	65.39
TOTAL PAYABLE (CDN) $	**999.48**

Chemex Labs Ltd.

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

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

Project: BENNETT
Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

QC Page #: 1-A
Tot QC Pg: 1
Date: 23-SEP-97
Invoice #: I9742806
P.O. #: 6109
GP W

QC DATA OF CERTIFICATE A9742806

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
ADS-1	Std1	1	455	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ADS-1	Std1	2	475	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	470	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BL-C	Blnk	1	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
G96-1GM	Std1	1	-----	4.8	3.44	52	510	< 0.5	2	1.68	0.5	16	59	181	4.62	< 10	< 1	0.28	10	0.83	975
G96-1GM	Std2	1	-----	4.4	3.88	56	670	0.5	< 2	1.68	0.5	17	67	191	4.64	< 10	< 1	0.31	10	0.85	990
G96-1GM	Std1	2	-----	4.4	3.95	64	640	0.5	2	1.76	0.5	18	74	197	4.85	< 10	< 1	0.32	10	0.88	1035
CHEMEX MEAN	---	---	-----	4.4	3.65	64	601	< 0.5	< 2	1.60	1.0	16	66	177	4.41	< 10	< 1	0.30	10	0.80	927
SIO2-B3	Blnk	1	-----	< 0.2	0.07	< 2	20	< 0.5	< 2	0.01	< 0.5	< 1	2	2	0.07	< 10	< 1	0.01	< 10	< 0.01	< 5
CHEMEX MEAN	---	---	-----	< 0.2	0.06	< 2	< 10	< 0.5	< 2	0.01	< 0.5	< 1	2	1	0.05	< 10	< 1	-----	< 10	< 0.01	-----
TC-97	Std2	1	200	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	201	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
N300352	Dup	1-01	30	1.8	6.36	752	290	0.5	< 2	5.00	< 0.5	29	186	133	5.96	10	< 1	1.89	< 10	2.61	1330
	Orig	1-01	40	1.6	6.25	730	280	0.5	< 2	4.95	< 0.5	27	182	131	5.79	10	< 1	1.84	< 10	2.55	1290
N300400	Dup	2-01	< 5	< 0.2	4.15	12	50	< 0.5	< 2	4.44	< 0.5	20	225	38	2.50	< 10	< 1	0.46	< 10	1.73	505
	Orig	2-01	< 5	< 0.2	4.31	12	50	< 0.5	< 2	4.55	< 0.5	21	232	39	2.54	< 10	1	0.48	< 10	1.78	530

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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V7X 1C4

Project: BENNETT
Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

QC Pa : 1-B
Tot QC Pg: 1
Date: 23-SEP-97
Invoice #: I9742806
P.O. #: 6109
GP W

QC DATA OF CERTIFICATE A9742806

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
ADS-1	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ADS-1	Std1	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BL-C	Blnk	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
G96-1GM	Std1	1	8	0.06	21	500	122	< 2	9	102	0.04	< 10	< 10	95	< 10	188
G96-1GM	Std2	1	8	0.07	21	500	126	2	10	109	0.06	< 10	< 10	101	< 10	194
G96-1GM	Std1	2	8	0.07	23	550	132	< 2	10	111	0.06	< 10	< 10	106	< 10	208
CHEMEX MEAN	---	---	9	0.07	20	520	120	4	10	102	0.06	< 10	-----	102	< 10	186
SIO2-B3	Blnk	1	< 1	< 0.01	< 1	90	< 2	< 2	1	34	< 0.01	< 10	< 10	2	< 10	< 2
CHEMEX MEAN	---	---	< 1	< 0.01	< 1	94	< 2	< 2	1	34	< 0.01	< 10	< 10	1	< 10	< 2
TC-97	Std2	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
N300352	Dup	1-01	< 1	0.31	61	1270	4	6	11	302	0.19	< 10	< 10	186	< 10	158
	Orig	1-01	< 1	0.31	59	1220	2	< 2	12	297	0.23	< 10	< 10	183	< 10	152
N300400	Dup	2-01	< 1	0.42	93	760	2	< 2	5	212	0.15	< 10	< 10	64	< 10	44
	Orig	2-01	< 1	0.44	92	780	4	4	6	229	0.16	< 10	< 10	67	< 10	46

CERTIFICATION:

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

A9742806

Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

CERTIFICATE A9742806

(GP W) - WESTMIN RESOURCES LTD.

Project: BENNETT
P.O.#: 6109

Samples submitted to our lab in Vancouver, BC.
This report was printed on 23-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	57	Geochem ring to approx 150 mesh
226	57	0-3 Kg crush and split
3202	57	Rock - save entire reject
229	57	ICP - AQ Digestion charge
* NOTE	1:	

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	57	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	57	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	57	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	57	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	57	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	57	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	57	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	57	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	57	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	57	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	57	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	57	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	57	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	57	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	57	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	57	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	57	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	57	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	57	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	57	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	57	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	57	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	57	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	57	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	57	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	57	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	57	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	57	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	57	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	57	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	57	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	57	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	57	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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Page Number :1-A
Total Pages :2
Certificate Date: 23-SEP-97
Invoice No. :I9742806
P.O. Number :6109
Account :GP W

CERTIFICATE OF ANALYSIS A9742806

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
N300352	205	226	40	1.6	6.25	730	280	0.5	< 2	4.95	< 0.5	27	182	131	5.79	10	< 1	1.84	< 10	2.55	1290
N300353	205	226	60	1.6	5.55	1090	250	< 0.5	< 2	4.02	< 0.5	21	118	103	5.10	10	< 1	1.65	< 10	2.13	1185
N300354	205	226	10	1.6	2.83	106	50	< 0.5	< 2	5.88	< 0.5	10	60	79	3.04	< 10	< 1	0.59	< 10	2.04	715
N300355	205	226	30	0.6	1.27	1115	30	< 0.5	< 2	10.30	< 0.5	16	109	82	3.57	< 10	< 1	0.18	< 10	2.78	1325
N300356	205	226	20	0.4	2.53	216	30	< 0.5	2	5.72	< 0.5	11	32	153	2.20	< 10	< 1	0.15	< 10	1.18	495
N300357	205	226	285	0.4	4.48	178	10	< 0.5	10	4.19	< 0.5	30	114	96	2.68	< 10	< 1	0.08	< 10	1.10	410
N300358	205	226	1945	1.6	6.74	1605	80	0.5	44	4.39	< 0.5	79	134	47	3.46	10	2	1.09	< 10	1.94	450
N300359	205	226	20	0.2	5.55	272	60	< 0.5	2	3.94	< 0.5	28	101	129	3.62	< 10	< 1	0.76	< 10	1.76	485
N300360	205	226	50	0.4	5.87	984	70	< 0.5	< 2	4.22	< 0.5	33	45	104	3.10	< 10	< 1	0.56	< 10	1.34	400
N300361	205	226	35	0.6	6.59	1260	90	0.5	2	5.79	< 0.5	28	41	126	3.45	10	< 1	0.80	< 10	1.49	590
N300362	205	226	< 5	0.6	5.91	190	80	0.5	< 2	6.31	< 0.5	30	142	81	3.19	< 10	< 1	0.74	< 10	1.84	610
N300363	205	226	10	0.8	9.14	298	340	0.5	< 2	8.01	< 0.5	27	59	73	4.73	10	< 1	2.85	< 10	2.85	1055
N300372	205	226	< 5	0.2	5.47	2040	100	< 0.5	< 2	3.47	< 0.5	17	83	135	4.31	< 10	< 1	0.90	< 10	1.82	440
N300373	205	226	< 5	0.4	5.22	724	130	< 0.5	< 2	2.31	6.5	25	18	149	5.47	< 10	< 1	1.18	< 10	1.61	355
N300374	205	226	< 5	0.2	8.92	372	150	< 0.5	4	4.30	< 0.5	16	24	89	5.10	10	< 1	1.19	< 10	2.11	540
N300375	205	226	10	< 0.2	5.36	7220	120	< 0.5	< 2	2.09	< 0.5	10	49	72	4.18	< 10	< 1	1.27	< 10	1.90	340
N300376	205	226	10	0.2	7.80	2230	250	< 0.5	< 2	3.17	< 0.5	18	128	140	5.17	10	< 1	1.84	< 10	2.07	405
N300377	205	226	30	0.4	7.05	2790	160	< 0.5	< 2	3.04	< 0.5	14	103	182	4.77	10	< 1	1.66	< 10	2.11	365
N300378	205	226	20	0.2	6.71	1835	240	< 0.5	< 2	2.48	< 0.5	21	122	184	5.20	10	1	2.08	< 10	2.43	410
N300379	205	226	40	0.4	6.22	902	240	< 0.5	< 2	3.41	< 0.5	23	255	158	4.53	< 10	1	1.13	< 10	2.15	425
N300380	205	226	5	< 0.2	5.46	852	140	< 0.5	< 2	2.56	< 0.5	10	47	52	3.16	< 10	< 1	0.93	< 10	1.56	250
N300381	205	226	< 5	0.2	5.96	1190	170	< 0.5	2	2.58	< 0.5	13	26	104	3.73	< 10	< 1	1.25	< 10	1.71	255
N300382	205	226	< 5	0.2	7.13	1095	230	0.5	< 2	2.65	< 0.5	20	43	79	5.68	10	< 1	1.66	< 10	1.79	425
N300383	205	226	55	0.2	5.69	1645	200	< 0.5	< 2	2.55	< 0.5	17	43	71	4.26	< 10	< 1	1.37	< 10	1.57	310
N300384	205	226	10	0.6	7.94	732	270	< 0.5	< 2	3.85	< 0.5	21	126	151	4.85	10	< 1	1.47	< 10	1.88	370
N300385	205	226	< 5	< 0.2	8.77	< 2	390	0.5	< 2	4.51	< 0.5	18	19	86	4.23	10	< 1	1.44	< 10	1.69	410
N300386	205	226	< 5	0.2	8.60	< 2	200	0.5	< 2	4.43	< 0.5	18	27	144	5.11	10	< 1	1.29	< 10	1.90	465
N300387	205	226	< 5	< 0.2	6.18	4	180	< 0.5	< 2	2.89	< 0.5	9	40	44	3.58	10	< 1	1.27	< 10	1.69	360
N300388	205	226	25	2.2	3.96	< 2	60	< 0.5	96	1.63	< 0.5	90	33	1220	8.13	< 10	< 1	0.53	< 10	1.40	410
N300389	205	226	< 5	< 0.2	3.45	186	40	< 0.5	4	3.27	< 0.5	14	38	99	3.96	< 10	< 1	0.29	< 10	1.65	430
N300390	205	226	< 5	0.2	8.25	14	180	0.5	2	4.23	< 0.5	14	19	131	4.31	10	1	0.94	< 10	1.76	410
N300391	205	226	< 5	0.2	8.92	2	340	0.5	< 2	4.15	< 0.5	17	35	76	4.91	10	1	1.16	< 10	1.73	500
N300392	205	226	< 5	0.2	6.84	< 2	200	0.5	< 2	3.31	< 0.5	14	57	106	4.42	10	< 1	1.02	< 10	1.58	390
N300393	205	226	< 5	0.2	6.39	100	190	< 0.5	< 2	3.30	< 0.5	13	34	81	3.92	< 10	< 1	0.59	< 10	1.20	425
N300394	205	226	< 5	< 0.2	4.48	2	390	< 0.5	< 2	2.27	< 0.5	8	46	60	2.81	< 10	< 1	0.72	< 10	0.97	300
N300395	205	226	< 5	0.2	4.33	< 2	410	0.5	< 2	2.33	< 0.5	7	51	38	3.06	< 10	< 1	0.77	< 10	1.29	360
N300396	205	226	< 5	0.2	2.67	2	50	< 0.5	< 2	7.77	< 0.5	34	84	130	4.47	< 10	< 1	0.36	< 10	2.05	870
N300397	205	226	< 5	< 0.2	6.04	28	270	0.5	< 2	4.46	< 0.5	32	286	30	5.09	10	1	1.66	< 10	3.02	780
N300398	205	226	< 5	< 0.2	5.93	< 2	320	2.0	< 2	3.35	< 0.5	21	224	27	3.62	10	< 1	1.80	10	1.90	610
N300399	205	226	< 5	< 0.2	4.57	< 2	100	0.5	< 2	5.83	< 0.5	13	34	16	3.17	< 10	< 1	0.58	< 10	1.52	700

CERTIFICATION: Stewart Sandeman

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SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
N300352	205	226	< 1	0.31	59	1220	2	< 2	12	297	0.23	< 10	< 10	183	< 10	152
N300353	205	226	< 1	0.25	36	1180	6	8	16	231	0.18	< 10	< 10	192	< 10	126
N300354	205	226	4	0.03	29	1200	30	14	5	149	0.06	< 10	< 10	102	< 10	58
N300355	205	226	4	< 0.01	65	950	4	44	9	578	< 0.01	< 10	< 10	77	< 10	58
N300356	205	226	5	0.06	35	1040	38	14	1	138	0.04	< 10	< 10	39	< 10	28
N300357	205	226	< 1	0.14	83	1110	8	4	1	269	0.09	< 10	< 10	70	< 10	38
N300358	205	226	< 1	0.38	92	1290	28	2	4	337	0.12	< 10	< 10	110	< 10	66
N300359	205	226	< 1	0.34	45	1270	2	< 2	5	289	0.15	< 10	< 10	117	< 10	50
N300360	205	226	< 1	0.32	28	950	< 2	2	5	275	0.14	< 10	< 10	101	< 10	50
N300361	205	226	< 1	0.36	36	1130	2	2	3	324	0.14	< 10	< 10	107	< 10	54
N300362	205	226	< 1	0.23	78	1090	4	2	4	319	0.13	< 10	< 10	86	< 10	58
N300363	205	226	< 1	0.38	38	920	2	< 2	12	493	0.18	< 10	< 10	181	< 10	104
N300372	205	226	< 1	0.38	45	640	8	6	12	284	0.12	< 10	< 10	114	< 10	64
N300373	205	226	1	0.37	27	540	8	2	11	263	0.09	< 10	< 10	154	< 10	452
N300374	205	226	< 1	0.83	8	450	8	2	13	446	0.13	< 10	< 10	189	< 10	76
N300375	205	226	< 1	0.46	26	600	2	2	16	175	0.10	< 10	< 10	144	< 10	60
N300376	205	226	< 1	0.62	67	770	2	6	16	219	0.10	< 10	< 10	135	< 10	68
N300377	205	226	1	0.53	64	820	2	2	15	303	0.10	< 10	< 10	129	< 10	68
N300378	205	226	1	0.48	57	700	2	2	17	189	0.12	< 10	< 10	143	< 10	76
N300379	205	226	1	0.40	185	750	< 2	2	11	222	0.09	< 10	< 10	109	< 10	56
N300380	205	226	1	0.44	18	690	< 2	< 2	12	220	0.06	< 10	< 10	110	< 10	38
N300381	205	226	1	0.48	16	800	4	< 2	11	215	0.08	< 10	< 10	101	< 10	42
N300382	205	226	1	0.45	20	630	2	< 2	14	225	0.09	< 10	< 10	127	< 10	60
N300383	205	226	1	0.37	16	730	8	2	14	184	0.10	< 10	< 10	135	< 10	48
N300384	205	226	1	0.59	37	790	< 2	< 2	15	293	0.14	< 10	< 10	158	< 10	60
N300385	205	226	< 1	0.91	6	780	2	< 2	9	474	0.14	< 10	< 10	167	< 10	56
N300386	205	226	< 1	0.95	7	850	< 2	< 2	12	461	0.16	< 10	< 10	179	< 10	66
N300387	205	226	< 1	0.59	9	770	< 2	< 2	13	293	0.14	< 10	< 10	117	< 10	50
N300388	205	226	< 1	0.30	15	610	4	< 2	8	146	0.11	< 10	< 10	108	< 10	56
N300389	205	226	< 1	0.16	12	580	2	< 2	9	92	0.10	< 10	< 10	96	< 10	46
N300390	205	226	< 1	0.85	9	790	2	< 2	12	387	0.12	< 10	< 10	166	< 10	60
N300391	205	226	< 1	0.91	9	830	2	< 2	14	368	0.11	< 10	< 10	184	< 10	60
N300392	205	226	< 1	0.62	12	670	6	< 2	12	220	0.13	< 10	< 10	133	< 10	58
N300393	205	226	< 1	0.44	14	620	6	< 2	8	192	0.07	< 10	< 10	75	< 10	46
N300394	205	226	< 1	0.25	16	390	2	2	6	138	0.07	< 10	< 10	44	< 10	32
N300395	205	226	2	0.23	24	370	2	< 2	7	165	0.06	< 10	< 10	57	< 10	38
N300396	205	226	4	0.04	81	330	< 2	10	8	159	0.02	< 10	< 10	46	< 10	58
N300397	205	226	< 1	0.23	98	650	< 2	< 2	12	414	0.12	< 10	< 10	148	< 10	82
N300398	205	226	< 1	0.40	51	460	< 2	2	9	271	0.12	< 10	< 10	111	< 10	66
N300399	205	226	< 1	0.42	21	740	2	< 2	7	234	0.08	< 10	< 10	87	< 10	60

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

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

Project : BENNETT
Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

Page Number :2-A
Total Pages :2
Certificate Date: 23-SEP-97
Invoice No. :I9742806
P.O. Number :6109
Account :GP W

CERTIFICATE OF ANALYSIS A9742806

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
N300400	205	226	< 5	< 0.2	4.31	12	50	< 0.5	< 2	4.55	< 0.5	21	232	39	2.54	< 10	1	0.48	< 10	1.78	530
N300401	205	226	< 5	< 0.2	5.87	< 2	200	< 0.5	< 2	2.13	< 0.5	24	129	58	4.96	< 10	< 1	1.52	< 10	2.53	525
N300402	205	226	45	0.2	4.69	< 2	150	< 0.5	< 2	2.83	< 0.5	26	77	114	5.37	< 10	< 1	1.03	< 10	2.07	580
N300403	205	226	10	0.6	4.43	< 2	290	< 0.5	< 2	2.22	< 0.5	27	89	168	4.92	< 10	< 1	1.32	< 10	2.16	635
N300404	205	226	< 5	0.2	4.12	< 2	150	< 0.5	< 2	4.27	< 0.5	24	58	118	5.76	< 10	< 1	0.80	< 10	2.42	775
N300405	205	226	< 5	< 0.2	3.69	< 2	120	< 0.5	< 2	4.02	< 0.5	20	108	80	4.78	< 10	1	0.53	< 10	2.08	765
N300406	205	226	< 5	0.2	2.29	6	30	0.5	< 2	6.25	< 0.5	16	80	82	4.79	< 10	< 1	0.20	< 10	2.33	940
N300407	205	226	< 5	< 0.2	3.39	< 2	100	< 0.5	< 2	2.14	< 0.5	20	80	72	3.45	< 10	< 1	0.79	< 10	1.75	405
N300408	205	226	< 5	0.2	3.21	< 2	60	< 0.5	< 2	2.40	< 0.5	20	54	104	3.37	< 10	1	0.43	< 10	1.51	410
N300409	205	226	< 5	< 0.2	3.66	< 2	70	< 0.5	< 2	1.76	< 0.5	18	153	23	4.09	< 10	< 1	0.71	< 10	2.52	505
N300410	205	226	< 5	< 0.2	4.25	< 2	120	< 0.5	< 2	2.05	< 0.5	21	85	39	3.86	< 10	< 1	0.93	< 10	2.44	430
N300411	205	226	< 5	0.6	4.31	< 2	110	< 0.5	< 2	2.48	< 0.5	27	53	202	5.12	< 10	< 1	0.76	< 10	1.88	560
N300412	205	226	< 5	< 0.2	2.77	< 2	50	< 0.5	< 2	3.25	< 0.5	20	43	45	3.02	< 10	< 1	0.34	< 10	1.46	500
N300413	205	226	< 5	0.2	1.97	< 2	30	< 0.5	< 2	3.59	< 0.5	18	41	60	2.50	< 10	< 1	0.19	< 10	1.11	460
N300414	205	226	< 5	< 0.2	4.21	< 2	110	< 0.5	< 2	3.60	< 0.5	18	58	74	3.98	< 10	< 1	0.90	< 10	1.96	585
N300415	205	226	< 5	< 0.2	3.38	< 2	180	< 0.5	< 2	2.01	< 0.5	22	57	49	3.47	< 10	< 1	1.41	< 10	1.90	440
N300418	205	226	< 5	0.2	2.37	2290	130	< 0.5	< 2	1.08	< 0.5	11	41	77	2.75	< 10	< 1	0.78	< 10	0.83	175

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 : BENNETT
Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

Page Number :2-B
Total Pages :2
Certificate Date: 23-SEP-97
Invoice No. :I9742806
P.O. Number :6109
Account :GP W

CERTIFICATE OF ANALYSIS A9742806

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
N300400	205	226	< 1	0.44	92	780	4	4	6	229	0.16	< 10	< 10	67	< 10	46
N300401	205	226	< 1	0.48	48	450	2	< 2	10	164	0.18	< 10	< 10	112	< 10	76
N300402	205	226	< 1	0.34	38	430	2	6	12	184	0.10	< 10	< 10	104	< 10	74
N300403	205	226	< 1	0.26	45	480	< 2	< 2	8	136	0.14	< 10	< 10	104	< 10	78
N300404	205	226	< 1	0.16	47	770	2	12	12	251	0.08	< 10	< 10	98	< 10	80
N300405	205	226	< 1	0.21	48	670	< 2	2	15	201	0.09	< 10	< 10	125	< 10	68
N300406	205	226	< 1	0.03	46	630	< 2	26	17	390	< 0.01	< 10	< 10	81	< 10	70
N300407	205	226	< 1	0.23	44	670	< 2	< 2	5	126	0.10	< 10	< 10	85	< 10	50
N300408	205	226	< 1	0.21	31	830	2	< 2	4	107	0.09	< 10	< 10	74	< 10	46
N300409	205	226	< 1	0.16	51	920	2	< 2	7	94	0.16	< 10	< 10	107	< 10	68
N300410	205	226	< 1	0.25	58	840	< 2	< 2	5	133	0.14	< 10	< 10	83	< 10	64
N300411	205	226	< 1	0.23	31	1140	4	< 2	9	146	0.20	< 10	< 10	150	< 10	78
N300412	205	226	< 1	0.12	26	930	4	< 2	6	91	0.19	< 10	< 10	87	< 10	60
N300413	205	226	< 1	0.06	24	960	6	< 2	4	70	0.15	< 10	< 10	71	< 10	42
N300414	205	226	< 1	0.33	31	760	8	< 2	10	111	0.15	< 10	< 10	141	< 10	74
N300415	205	226	< 1	0.15	38	580	< 2	< 2	5	81	0.14	< 10	< 10	92	< 10	56
N300418	205	226	< 1	0.17	17	1020	4	2	14	82	0.11	< 10	< 10	129	< 10	30

CERTIFICATION:

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

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

INVOICE NUMBER I9742808

BILLING INFORMATION

Date: 24-SEP-97
Project: BENNETT
P.O. No.: 6109
Account: GP W

Comments: ATTN: DAVID TERRY VANCOUVER OFFICE

Billing: For analysis performed on Certificate A9742808

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

Please Remit Payments to:

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

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
30	205 - Geochem ring to approx 150 mesh	2.50		
	0-3 Kg crush and split	2.60		
	ICP-32	7.00		
	983 - Au ppb FA+AA	9.75	21.85	655.50

Total Cost $	655.50
Client Discount (25%) $	-163.88
Net Cost $	491.62
(Reg# R100938885) GST $	34.41
TOTAL PAYABLE (CDN) $	**526.03**

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

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

Project: BENNETT
Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

QC Page: 1-A
Tot QC Pg: 1
Date: 23-SEP-97
Invoice #: 19742808
P.O. #: 6109 GP W

QC DATA OF CERTIFICATE A9742808

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
ADS-1	Std1	1	470	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	470	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
G96-1GM	Std1	1	-----	4.8	3.59	62	630	< 0.5	2	1.62	0.5	17	57	184	4.51	< 10	1	0.28	10	0.82	945
G96-1GM	Std2	1	-----	4.0	3.38	66	560	< 0.5	2	1.64	0.5	17	65	177	4.50	< 10	< 1	0.26	10	0.80	940
CHEMEX MEAN	---	---	-----	4.4	3.65	64	601	< 0.5	< 2	1.60	1.0	16	66	177	4.41	< 10	< 1	0.30	10	0.80	927
TC-97	Std2	1	205	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	201	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
N203851	Dup	1-01	5	0.4	2.15	168	60	< 0.5	< 2	3.33	< 0.5	10	56	68	3.02	< 10	2	0.32	10	1.62	730
	Orig	1-01	< 5	0.4	2.37	160	60	< 0.5	< 2	3.61	< 0.5	10	69	69	3.23	< 10	1	0.38	10	1.72	785

CERTIFICATION: Stan Pandalai

Chemex Labs Ltd.

Analytical Chemists * Geochemists * 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: BENNETT
Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

QC P... : 1-B
Tot QC rg: 1
Date: 23-SEP-97
Invoice #: 19742808
P.O. #: 6109
GP W

QC DATA OF CERTIFICATE A9742808

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
ADS-1	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
G96-1GM	Std1	1	7	0.06	21	480	124	< 2	9	105	0.05	< 10	< 10	95	< 10	184
G96-1GM	Std2	1	7	0.06	21	480	124	2	9	100	0.05	< 10	< 10	92	< 10	182
CHEMEX MEAN	---	---	9	0.07	20	520	120	4	10	102	0.06	< 10	-----	102	< 10	186
TC-97	Std2	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
N203851	Dup	1-01	1	< 0.01	22	770	10	12	3	158	< 0.01	< 10	< 10	32	< 10	60
	Orig	1-01	1	< 0.01	24	820	8	10	4	163	< 0.01	< 10	< 10	34	< 10	66

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

A9742808

Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

CERTIFICATE A9742808

(GP W) - WESTMIN RESOURCES LTD.

Project: BENNETT
P.O. #: 6109

Samples submitted to our lab in Vancouver, BC.
This report was printed on 23-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	30	Geochem ring to approx 150 mesh
226	30	0-3 Kg crush and split
3202	30	Rock - save entire reject
229	30	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

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

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V7X 1C4

Project : BENNETT
Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

Page Number :1-A
Total Pages :1
Certificate Date: 23-SEP-97
Invoice No. :19742808
P.O. Number :6109
Account :GP W

CERTIFICATE OF ANALYSIS A9742808

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
N203851	205	226	< 5	0.4	2.37	160	60	< 0.5	< 2	3.61	< 0.5	10	69	69	3.23	< 10	1	0.38	10	1.72	785
N203852	205	226	10	0.4	1.46	166	40	< 0.5	< 2	6.75	< 0.5	11	95	43	3.54	< 10	< 1	0.27	< 10	2.39	955
N203853	205	226	< 5	0.4	1.20	44	170	0.5	< 2	9.05	< 0.5	12	38	20	3.88	< 10	< 1	0.19	< 10	2.84	865
N203854	205	226	< 5	0.6	0.39	20	40	< 0.5	< 2	>15.00	< 0.5	10	8	20	2.72	< 10	< 1	0.19	< 10	2.39	820
N203855	205	226	< 5	0.8	1.24	208	100	0.5	< 2	6.76	< 0.5	26	56	78	5.19	< 10	< 1	0.21	< 10	2.19	990
N203856	205	226	15	< 0.2	0.74	28	50	< 0.5	< 2	1.35	< 0.5	4	30	32	1.83	< 10	< 1	0.18	10	0.28	240
N203857	205	226	10	0.2	0.43	26	60	< 0.5	< 2	1.55	< 0.5	6	32	65	1.78	< 10	1	0.19	10	0.19	250
N203858	205	226	5	1.2	0.83	10	70	< 0.5	< 2	2.20	< 0.5	21	35	225	2.98	< 10	< 1	0.20	10	0.48	335
N203859	205	226	< 5	0.2	5.98	24	440	< 0.5	< 2	4.05	< 0.5	18	143	26	4.13	10	< 1	1.79	< 10	2.26	590
N203860	205	226	< 5	1.4	5.12	48	300	< 0.5	< 2	5.52	< 0.5	23	199	160	3.62	< 10	< 1	1.40	< 10	2.08	635
N203861	205	226	< 5	0.6	4.33	56	210	< 0.5	< 2	6.88	< 0.5	33	230	96	4.86	< 10	2	0.55	< 10	2.67	910
N203862	205	226	10	0.8	5.10	30	310	< 0.5	< 2	5.53	< 0.5	23	99	119	4.13	< 10	< 1	1.21	< 10	2.22	770
N203863	205	226	< 5	0.4	3.85	10	230	< 0.5	< 2	4.51	< 0.5	23	47	85	4.58	< 10	< 1	1.06	< 10	1.97	830
N203864	205	226	10	1.0	2.31	42	160	< 0.5	< 2	4.59	< 0.5	24	119	156	3.24	< 10	< 1	0.38	< 10	1.74	570
N203865	205	226	35	0.6	2.55	14	80	< 0.5	< 2	3.76	< 0.5	18	82	82	3.00	< 10	< 1	0.50	< 10	1.53	530
N300486	205	226	< 5	< 0.2	6.29	< 2	80	< 0.5	< 2	4.42	< 0.5	10	157	12	2.85	< 10	< 1	0.35	< 10	1.65	505
N300487	205	226	< 5	< 0.2	5.39	< 2	80	0.5	< 2	3.92	< 0.5	9	101	6	2.29	< 10	< 1	0.32	< 10	1.45	430
N300488	205	226	5	0.2	7.38	< 2	220	0.5	< 2	4.16	< 0.5	14	45	54	3.02	10	1	0.89	< 10	1.86	415
N300489	205	226	< 5	< 0.2	3.36	60	160	0.5	< 2	7.74	< 0.5	15	34	29	4.16	< 10	1	0.39	< 10	1.92	820
N300490	205	226	20	< 0.2	6.66	< 2	600	0.5	< 2	3.31	< 0.5	14	43	65	4.87	10	< 1	1.12	< 10	2.50	595
N300491	205	226	< 5	0.2	4.52	< 2	610	0.5	< 2	2.37	< 0.5	12	58	82	3.09	< 10	< 1	0.48	< 10	1.29	370
N300492	205	226	< 5	< 0.2	3.56	< 2	390	< 0.5	< 2	1.57	< 0.5	5	56	33	2.35	< 10	1	0.47	< 10	0.95	265
N300493	205	226	< 5	< 0.2	3.04	8	470	< 0.5	< 2	1.22	< 0.5	5	62	28	2.20	< 10	3	0.47	< 10	0.85	380
N300494	205	226	< 5	0.2	1.69	30	120	< 0.5	< 2	3.92	< 0.5	11	68	36	2.96	< 10	1	0.30	10	1.00	530
N300495	205	226	< 5	0.2	6.27	22	370	< 0.5	< 2	3.35	< 0.5	20	22	70	5.33	< 10	1	0.38	< 10	1.71	860
N300496	205	226	10	0.2	4.72	8	450	0.5	< 2	4.92	< 0.5	18	19	53	5.18	< 10	1	0.50	< 10	1.64	1060
N300497	205	226	< 5	0.4	4.93	8	900	< 0.5	< 2	4.02	< 0.5	16	21	31	3.86	< 10	< 1	0.54	< 10	1.44	810
N300498	205	226	< 5	0.6	4.22	100	610	< 0.5	< 2	5.62	< 0.5	20	60	52	4.48	< 10	< 1	0.67	< 10	1.74	1065
N300499	205	226	10	0.6	1.83	822	60	0.5	< 2	8.21	1.0	23	102	64	5.07	< 10	1	0.27	< 10	2.48	1360
N300500	205	226	5960	59.2	1.42	>10000	200	< 0.5	2	4.30	8.0	17	47	340	5.10	< 10	< 1	0.37	< 10	1.50	740

CERTIFICATION: David Pochlen

Chemex Labs Ltd.

Analytical Chemists * Geochemists * 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 : BENNETT
Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

Page Number :1-B
Total Pages :1
Certificate Date: 23-SEP-97
Invoice No. :19742808
P.O. Number :6109
Account :GP W

CERTIFICATE OF ANALYSIS A9742808

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
N203851	205	226	1	< 0.01	24	820	8	10	4	163	< 0.01	< 10	< 10	34	< 10	66
N203852	205	226	3	< 0.01	55	590	12	16	7	442	< 0.01	< 10	< 10	41	< 10	70
N203853	205	226	4	< 0.01	35	1020	< 2	16	5	568	< 0.01	< 10	< 10	33	< 10	80
N203854	205	226	1	< 0.01	25	480	< 2	26	5	1690	< 0.01	< 10	< 10	15	< 10	60
N203855	205	226	1	< 0.01	77	890	12	50	12	462	< 0.01	< 10	< 10	64	< 10	116
N203856	205	226	3	0.03	3	350	6	4	1	83	< 0.01	< 10	< 10	4	< 10	32
N203857	205	226	2	0.04	2	320	6	4	1	96	< 0.01	< 10	< 10	2	< 10	22
N203858	205	226	4	0.04	3	530	10	2	3	113	< 0.01	< 10	< 10	17	< 10	30
N203859	205	226	< 1	0.50	46	1090	6	< 2	10	393	0.17	< 10	< 10	143	< 10	94
N203860	205	226	1	0.40	51	1090	6	< 2	5	393	0.16	< 10	< 10	118	< 10	82
N203861	205	226	< 1	0.25	54	1080	8	< 2	15	540	0.11	< 10	< 10	160	< 10	86
N203862	205	226	< 1	0.42	29	930	6	2	10	349	0.16	< 10	< 10	174	< 10	88
N203863	205	226	< 1	0.31	19	910	18	< 2	10	238	0.20	< 10	< 10	167	< 10	80
N203864	205	226	< 1	0.15	36	990	4	4	8	249	0.12	< 10	< 10	95	< 10	60
N203865	205	226	16	0.18	25	910	6	< 2	6	129	0.13	< 10	< 10	93	< 10	54
N300486	205	226	< 1	0.27	31	990	4	< 2	7	406	0.14	< 10	< 10	118	< 10	54
N300487	205	226	< 1	0.24	24	800	6	< 2	6	302	0.14	< 10	< 10	95	< 10	48
N300488	205	226	< 1	0.42	31	890	6	< 2	8	404	0.13	< 10	< 10	118	< 10	56
N300489	205	226	< 1	0.07	18	640	2	12	11	459	0.02	< 10	< 10	96	< 10	72
N300490	205	226	< 1	0.27	15	830	4	< 2	13	253	0.11	< 10	< 10	140	< 10	92
N300491	205	226	14	0.23	17	450	12	2	7	190	0.10	< 10	< 10	84	< 10	50
N300492	205	226	< 1	0.21	10	260	2	< 2	4	142	0.06	< 10	< 10	27	< 10	32
N300493	205	226	< 1	0.14	25	400	2	2	3	98	0.05	< 10	< 10	17	< 10	42
N300494	205	226	5	0.01	24	490	2	12	6	237	< 0.01	< 10	< 10	26	< 10	46
N300495	205	226	< 1	0.38	7	820	6	2	11	289	0.06	< 10	< 10	149	< 10	76
N300496	205	226	< 1	0.25	6	780	12	4	12	439	0.02	< 10	< 10	121	< 10	70
N300497	205	226	< 1	0.39	5	710	20	2	9	419	0.11	< 10	< 10	133	< 10	82
N300498	205	226	< 1	0.29	33	740	14	14	11	413	0.10	< 10	< 10	138	< 10	98
N300499	205	226	< 1	< 0.01	70	610	16	64	16	476	< 0.01	< 10	< 10	64	< 10	174
N300500	205	226	< 1	< 0.01	29	720	70	58	8	334	< 0.01	< 10	< 10	37	< 10	262

CERTIFICATION: _____

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

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

INVOICE NUMBER I9742809

BILLING INFORMATION

Date: 24-SEP-97
Project: BENNETT
P.O. No.: 6109
Account: GP W

Comments: ATTN: DAVID TERRY VANCOUVER OFFICE

Billing: For analysis performed on Certificate A9742809

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

Please Remit Payments to:

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

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
62	205 - Geochem ring to approx 150 mesh	2.50		
	0-3 Kg crush and split	2.60		
	ICP-32	7.00		
	983 - Au ppb FA+AA	9.75	21.85	1354.70

Total Cost $	1354.70
Client Discount (25%) $	-338.68
Net Cost $	1016.02
(Reg# R100938885) GST $	71.12
TOTAL PAYABLE (CDN) $	**1087.14**

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

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

Project: BENNETT
Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

QC F : 1-A
Tot QC rg: 1
Date: 23-SEP-97
Invoice #: 19742809
P.O. #: 6109
GP W

QC DATA OF CERTIFICATE A9742809

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
ADS-1	Std1	1	470	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ADS-1	Std1	2	460	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	470	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BL-C	Blnk	1	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
G96-1GM	Std1	1	-----	5.0	3.63	64	600	< 0.5	2	1.58	1.0	17	65	183	4.34	< 10	2	0.29	10	0.81	940
G96-1GM	Std2	1	-----	6.2	3.91	62	630	0.5	< 2	1.62	0.5	17	67	193	4.48	< 10	< 1	0.31	10	0.84	965
G96-1GM	Std1	2	-----	4.4	3.50	50	580	< 0.5	< 2	1.69	0.5	16	61	179	4.63	< 10	1	0.29	10	0.83	970
CHEMEX MEAN	---	---	-----	4.4	3.65	64	601	< 0.5	< 2	1.60	1.0	16	66	177	4.41	< 10	< 1	0.30	10	0.80	927
SIO2-B3	Blnk	1	-----	< 0.2	0.05	< 2	10	< 0.5	< 2	0.01	< 0.5	< 1	1	1	0.05	< 10	< 1	< 0.01	< 10	< 0.01	< 5
CHEMEX MEAN	---	---	-----	< 0.2	0.06	< 2	< 10	< 0.5	< 2	0.01	< 0.5	< 1	2	1	0.05	< 10	< 1	-----	< 10	< 0.01	-----
TC-97	Std2	1	190	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	201	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
N300229	Dup	1-01	< 5	0.8	2.95	< 2	140	< 0.5	< 2	2.00	< 0.5	16	40	107	3.39	< 10	< 1	0.74	< 10	1.55	460
	Orig	1-01	10	0.8	3.05	< 2	140	< 0.5	< 2	2.24	< 0.5	17	41	115	3.75	< 10	< 1	0.75	< 10	1.64	500
N300269	Dup	2-01	< 5	0.4	5.17	< 2	10	0.5	< 2	4.52	< 0.5	23	29	192	3.30	< 10	1	0.04	< 10	1.38	425
	Orig	2-01	< 5	0.2	4.93	< 2	10	< 0.5	< 2	3.81	< 0.5	21	26	174	2.82	< 10	1	0.04	< 10	1.26	380

CERTIFICATION: Ian Pitcher

Chemex Labs Ltd.

Analytical Chemists * Geochemists * 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: BENNETT
Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

QC F : 1-B
Tot QC . g: 1
Date: 23-SEP-97
Invoice #: I9742809
P.O. #: 6109
GP W

QC DATA OF CERTIFICATE A9742809

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
ADS-1	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ADS-1	Std1	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BL-C	Blnk	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
G96-1GM	Std1	1	8	0.06	21	490	120	2	9	105	0.05	< 10	< 10	94	< 10	188
G96-1GM	Std2	1	7	0.06	21	500	128	2	10	112	0.06	< 10	< 10	99	< 10	192
G96-1GM	Std1	2	7	0.06	20	480	120	< 2	9	103	0.05	< 10	< 10	96	< 10	186
CHEMEX MEAN	---	---	9	0.07	20	520	120	4	10	102	0.06	< 10	-----	102	< 10	186
SIO2-B3	Blnk	1	< 1	< 0.01	< 1	70	2	< 2	< 1	26	< 0.01	< 10	< 10	1	< 10	< 2
CHEMEX MEAN	---	---	< 1	< 0.01	< 1	94	< 2	< 2	1	34	< 0.01	< 10	< 10	1	< 10	< 2
TC-97	Std2	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
N300229	Dup	1-01	< 1	0.21	10	1270	2	< 2	4	165	0.17	< 10	< 10	109	< 10	42
	Orig	1-01	< 1	0.23	11	1330	2	< 2	4	176	0.18	< 10	< 10	116	< 10	44
N300269	Dup	2-01	< 1	0.19	33	1240	6	2	3	417	0.09	< 10	< 10	66	< 10	38
	Orig	2-01	< 1	0.18	28	1160	2	< 2	3	393	0.11	< 10	< 10	66	< 10	34

CERTIFICATION: Stan B. Shaw

Chemex Labs Ltd.

Analytical Chemists * Geochemists * 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

A9742809

Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

CERTIFICATE A9742809

(GP W) - WESTMIN RESOURCES LTD.

Project: BENNETT
P.O.#: 6109

Samples submitted to our lab in Vancouver, BC.
This report was printed on 23-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	62	Geochem ring to approx 150 mesh
226	62	0-3 Kg crush and split
3202	62	Rock - save entire reject
229	62	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	62	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	62	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	62	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	62	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	62	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	62	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	62	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	62	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	62	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	62	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	62	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	62	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	62	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	62	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	62	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	62	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	62	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	62	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	62	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	62	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	62	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	62	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	62	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	62	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	62	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	62	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	62	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	62	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	62	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	62	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	62	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	62	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	62	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

Project : BENNETT
Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

Certificate Date: 23-SEP-97
Invoice No. : I9742809
P.O. Number : 6109
Account : GP W

CERTIFICATE OF ANALYSIS A9742809

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
N300229	205	226	10	0.8	3.05	< 2	140	< 0.5	< 2	2.24	< 0.5	17	41	115	3.75	< 10	< 1	0.75	< 10	1.64	500
N300230	205	226	< 5	0.4	2.94	< 2	50	< 0.5	< 2	3.36	< 0.5	21	316	58	3.13	< 10	< 1	0.28	< 10	1.91	570
N300231	205	226	5	2.0	3.38	< 2	70	< 0.5	< 2	5.21	< 0.5	17	104	273	4.02	< 10	< 1	0.49	< 10	2.01	730
N300232	205	226	10	0.2	3.06	< 2	60	< 0.5	< 2	2.63	< 0.5	11	20	45	2.94	< 10	< 1	0.23	< 10	1.38	445
N300233	205	226	20	0.8	6.37	< 2	300	< 0.5	< 2	3.68	< 0.5	17	68	118	3.80	10	< 1	1.29	< 10	1.67	470
N300234	205	226	5	< 0.2	6.08	< 2	120	< 0.5	< 2	4.05	< 0.5	12	167	12	2.95	10	< 1	0.66	< 10	1.49	415
N300235	205	226	10	2.0	7.85	14	200	< 0.5	< 2	4.19	< 0.5	19	12	223	3.64	10	< 1	1.32	< 10	1.85	430
N300236	205	226	195	1.4	6.16	2	80	< 0.5	< 2	5.49	< 0.5	18	31	209	3.32	10	2	0.65	< 10	1.69	555
N300237	205	226	15	1.2	8.20	26	160	< 0.5	< 2	4.20	< 0.5	25	8	243	4.66	10	< 1	1.02	< 10	1.88	485
N300238	205	226	5	0.4	4.54	8	60	< 0.5	< 2	3.93	< 0.5	15	125	62	3.29	< 10	< 1	0.37	< 10	1.84	605
N300239	205	226	10	0.6	3.12	< 2	30	< 0.5	< 2	5.29	< 0.5	18	223	53	3.34	< 10	< 1	0.10	< 10	2.09	790
N300240	205	226	< 5	0.2	3.28	< 2	30	< 0.5	< 2	5.74	< 0.5	15	171	27	3.02	< 10	< 1	0.08	< 10	1.86	745
N300241	205	226	< 5	0.2	3.92	16	60	< 0.5	< 2	5.58	< 0.5	20	238	45	4.30	< 10	< 1	0.15	< 10	1.92	740
N300242	205	226	10	1.6	5.26	8	110	< 0.5	< 2	3.91	< 0.5	22	96	220	3.66	< 10	< 1	0.47	< 10	1.76	495
N300243	205	226	< 5	0.8	7.11	< 2	120	< 0.5	< 2	3.79	< 0.5	22	15	89	3.58	10	1	0.77	< 10	1.63	435
N300244	205	226	25	0.4	4.76	152	50	< 0.5	< 2	4.45	< 0.5	15	105	50	3.16	< 10	< 1	0.16	< 10	1.62	610
N300245	205	226	20	< 0.2	4.74	242	110	< 0.5	< 2	4.49	< 0.5	18	20	32	3.83	< 10	< 1	0.54	< 10	1.73	920
N300246	205	226	15	0.6	7.99	14	220	< 0.5	< 2	3.77	< 0.5	26	14	170	5.05	10	< 1	1.17	< 10	2.02	495
N300247	205	226	230	1.2	2.74	2300	90	< 0.5	< 2	5.96	< 0.5	33	23	199	4.79	< 10	< 1	0.59	< 10	1.91	1130
N300248	205	226	20	1.6	4.73	74	110	< 0.5	< 2	5.05	< 0.5	19	83	214	3.40	< 10	< 1	0.37	< 10	1.51	625
N300249	205	226	< 5	1.2	3.68	20	40	< 0.5	< 2	5.19	< 0.5	20	154	161	3.33	< 10	< 1	0.09	< 10	1.62	685
N300250	205	226	30	0.4	4.31	482	100	< 0.5	< 2	5.56	< 0.5	22	114	72	4.60	< 10	< 1	0.56	< 10	2.17	1030
N300251	205	226	15	1.0	7.77	< 2	280	< 0.5	< 2	4.06	< 0.5	22	8	194	4.08	10	< 1	1.50	< 10	1.48	415
N300252	205	226	5	0.8	7.62	4	290	< 0.5	< 2	3.78	< 0.5	17	7	138	3.68	10	< 1	1.50	< 10	1.46	370
N300253	205	226	10	0.4	8.28	24	400	< 0.5	< 2	3.92	< 0.5	22	8	139	4.95	10	< 1	1.71	< 10	1.83	565
N300254	205	226	5	0.4	7.12	40	280	< 0.5	< 2	3.47	< 0.5	18	7	144	4.84	10	< 1	1.36	< 10	1.85	525
N300255	205	226	< 5	0.8	8.67	20	370	0.5	< 2	4.62	< 0.5	20	7	140	4.32	10	< 1	1.63	< 10	1.76	560
N300256	205	226	< 5	1.8	8.08	54	280	< 0.5	2	4.45	< 0.5	26	67	238	3.78	10	< 1	1.26	< 10	1.54	540
N300257	205	226	< 5	0.6	6.22	138	180	0.5	< 2	3.94	< 0.5	43	242	83	3.13	< 10	< 1	0.70	< 10	1.28	485
N300258	205	226	25	1.0	7.44	278	240	0.5	< 2	4.84	< 0.5	28	83	184	3.18	10	< 1	1.02	< 10	1.47	455
N300259	205	226	< 5	0.2	8.93	212	340	0.5	< 2	4.22	< 0.5	23	51	165	4.43	10	< 1	1.44	< 10	1.93	425
N300260	205	226	< 5	0.8	6.84	474	130	0.5	2	4.67	< 0.5	29	81	230	3.07	10	< 1	0.85	< 10	1.27	355
N300261	205	226	< 5	0.2	7.47	2030	40	< 0.5	2	5.14	< 0.5	34	15	82	1.54	10	< 1	0.20	< 10	0.59	165
N300262	205	226	5	< 0.2	6.03	606	30	< 0.5	< 2	5.74	< 0.5	15	28	86	1.58	< 10	< 1	0.20	< 10	0.62	275
N300263	205	226	< 5	< 0.2	4.46	580	70	< 0.5	< 2	4.62	< 0.5	13	62	98	1.90	< 10	< 1	0.57	< 10	0.93	315
N300264	205	226	5	0.2	4.91	68	40	< 0.5	< 2	5.07	< 0.5	30	83	173	2.63	< 10	< 1	0.19	< 10	0.80	350
N300265	205	226	< 5	< 0.2	5.47	638	80	< 0.5	< 2	4.61	< 0.5	13	71	110	2.17	< 10	< 1	0.62	< 10	1.14	320
N300266	205	226	30	0.2	3.95	50	20	< 0.5	< 2	4.21	< 0.5	26	87	116	2.69	< 10	< 1	0.11	< 10	1.06	395
N300267	205	226	45	0.8	4.73	110	20	< 0.5	< 2	3.65	< 0.5	41	42	319	3.91	< 10	< 1	0.07	< 10	1.22	435
N300268	205	226	10	0.8	4.77	< 2	< 10	< 0.5	< 2	4.42	< 0.5	33	55	262	4.15	< 10	< 1	0.03	< 10	1.60	525

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 : BENNETT
Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

Page Number :1-B
Total Pages :2
Certificate Date: 23-SEP-97
Invoice No. :19742809
P.O. Number :6109
Account :GP W

CERTIFICATE OF ANALYSIS A9742809

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
N300229	205	226	< 1	0.23	11	1330	2	< 2	4	176	0.18	< 10	< 10	116	< 10	44
N300230	205	226	< 1	0.17	75	1260	< 2	< 2	4	186	0.13	< 10	< 10	79	< 10	38
N300231	205	226	< 1	0.22	37	1200	2	< 2	7	181	0.15	< 10	< 10	121	< 10	50
N300232	205	226	< 1	0.30	14	1350	2	< 2	5	156	0.15	< 10	< 10	111	< 10	32
N300233	205	226	< 1	0.67	35	1370	< 2	< 2	7	393	0.20	< 10	< 10	153	< 10	48
N300234	205	226	< 1	0.48	44	1370	< 2	< 2	4	408	0.14	< 10	< 10	96	< 10	38
N300235	205	226	1	0.66	25	1310	2	2	6	571	0.17	< 10	< 10	140	< 10	52
N300236	205	226	< 1	0.48	19	1300	< 2	< 2	3	482	0.16	< 10	< 10	112	< 10	48
N300237	205	226	< 1	0.75	9	1400	4	2	5	605	0.21	< 10	< 10	172	< 10	60
N300238	205	226	< 1	0.33	28	1220	< 2	< 2	5	359	0.12	< 10	< 10	108	< 10	48
N300239	205	226	< 1	0.12	44	1210	2	< 2	7	160	0.07	< 10	< 10	103	< 10	48
N300240	205	226	< 1	0.15	40	1210	< 2	< 2	4	193	0.07	< 10	< 10	84	< 10	42
N300241	205	226	< 1	0.17	58	1350	< 2	6	9	254	0.06	< 10	< 10	115	< 10	54
N300242	205	226	< 1	0.44	44	1390	< 2	< 2	4	269	0.13	< 10	< 10	109	< 10	44
N300243	205	226	< 1	0.66	16	1320	2	< 2	3	389	0.19	< 10	< 10	136	< 10	48
N300244	205	226	1	0.43	32	1320	2	< 2	5	327	0.15	< 10	< 10	115	< 10	38
N300245	205	226	< 1	0.35	10	1180	< 2	8	6	329	0.14	< 10	< 10	129	< 10	54
N300246	205	226	< 1	0.76	9	1320	< 2	< 2	9	469	0.24	< 10	< 10	194	< 10	60
N300247	205	226	< 1	0.13	22	1220	< 2	20	13	282	0.02	< 10	< 10	85	< 10	52
N300248	205	226	< 1	0.37	31	1300	4	4	5	336	0.11	< 10	< 10	102	< 10	42
N300249	205	226	< 1	0.18	57	1280	4	< 2	5	263	0.11	< 10	< 10	92	< 10	38
N300250	205	226	< 1	0.23	33	1230	4	6	9	361	0.08	< 10	< 10	121	< 10	56
N300251	205	226	< 1	0.55	6	1360	6	< 2	5	729	0.14	< 10	< 10	152	< 10	54
N300252	205	226	< 1	0.45	6	1320	6	< 2	4	697	0.13	< 10	< 10	139	< 10	50
N300253	205	226	< 1	0.48	9	1400	8	< 2	10	760	0.13	< 10	< 10	192	< 10	78
N300254	205	226	< 1	0.32	10	1380	2	< 2	9	532	0.10	< 10	< 10	162	< 10	72
N300255	205	226	< 1	0.36	6	1320	2	< 2	6	757	0.20	< 10	< 10	164	< 10	66
N300256	205	226	< 1	0.29	20	1470	8	< 2	4	730	0.19	< 10	< 10	135	< 10	72
N300257	205	226	< 1	0.17	63	1350	12	< 2	5	500	0.17	< 10	< 10	104	< 10	58
N300258	205	226	< 1	0.20	34	1120	8	< 2	8	469	0.15	< 10	< 10	137	< 10	54
N300259	205	226	< 1	0.26	23	1220	2	< 2	11	538	0.15	< 10	< 10	187	< 10	56
N300260	205	226	< 1	0.22	39	1060	2	< 2	4	506	0.15	< 10	< 10	113	< 10	40
N300261	205	226	4	0.25	23	1150	18	< 2	1	478	0.11	< 10	< 10	40	< 10	20
N300262	205	226	4	0.21	22	1160	4	< 2	1	402	0.12	< 10	< 10	42	< 10	20
N300263	205	226	3	0.14	28	990	< 2	< 2	1	273	0.12	< 10	< 10	65	< 10	22
N300264	205	226	< 1	0.17	60	1150	2	< 2	2	341	0.11	< 10	< 10	56	< 10	26
N300265	205	226	4	0.17	26	1090	2	4	3	348	0.13	< 10	< 10	85	< 10	30
N300266	205	226	< 1	0.13	42	920	4	< 2	3	267	0.10	< 10	< 10	65	< 10	30
N300267	205	226	< 1	0.14	45	1410	8	6	4	354	0.16	< 10	< 10	74	< 10	36
N300268	205	226	< 1	0.09	47	1080	10	2	5	279	0.16	< 10	< 10	96	< 10	48

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

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

Project : BENNETT
Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

Page N ber :2-A
Total Pages :2
Certificate Date: 23-SEP-97
Invoice No. :19742809
P.O. Number :6109
Account :GP W

CERTIFICATE OF ANALYSIS A9742809

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
N300269	205	226	< 5	0.2	4.93	< 2	10	< 0.5	< 2	3.81	< 0.5	21	26	174	2.82	< 10	1	0.04	< 10	1.26	380
N300270	205	226	5	0.4	6.61	< 2	10	< 0.5	< 2	4.05	< 0.5	28	49	186	2.98	10	1	0.05	< 10	1.03	260
N300271	205	226	20	0.2	5.34	22	20	< 0.5	< 2	4.07	< 0.5	30	76	150	3.29	< 10	< 1	0.05	< 10	1.23	380
N300272	205	226	10	0.2	6.63	< 2	60	0.5	< 2	3.96	< 0.5	30	59	190	3.41	10	< 1	0.43	< 10	1.24	280
N300273	205	226	10	0.2	5.55	< 2	40	< 0.5	< 2	3.95	< 0.5	28	77	173	3.46	< 10	< 1	0.27	< 10	1.44	330
N300274	205	226	5	0.2	5.31	14	20	0.5	< 2	3.42	< 0.5	33	73	176	2.41	< 10	< 1	0.08	< 10	0.68	180
N300275	205	226	10	0.2	3.88	6	50	< 0.5	< 2	5.29	< 0.5	19	47	106	1.67	< 10	< 1	0.29	< 10	0.79	390
N300276	205	226	10	< 0.2	2.40	316	100	< 0.5	< 2	1.38	< 0.5	5	17	28	2.15	< 10	< 1	0.41	< 10	0.56	230
N300277	205	226	< 5	< 0.2	1.22	202	40	< 0.5	< 2	0.60	< 0.5	3	31	26	1.57	< 10	< 1	0.24	< 10	0.26	105
N300278	205	226	< 5	< 0.2	1.31	< 2	40	< 0.5	< 2	0.74	< 0.5	2	22	8	1.42	< 10	< 1	0.21	< 10	0.26	215
N300279	205	226	5	< 0.2	1.08	380	40	< 0.5	< 2	1.31	< 0.5	3	34	20	1.46	< 10	< 1	0.23	10	0.29	175
N300280	205	226	10	< 0.2	1.85	10	40	0.5	< 2	1.58	0.5	3	45	10	1.71	< 10	< 1	0.21	10	0.33	300
N300281	205	226	< 5	0.2	6.40	318	230	0.5	2	6.83	< 0.5	23	208	86	4.19	10	< 1	1.91	< 10	2.09	725
N300282	205	226	5	0.8	4.33	1905	90	< 0.5	< 2	6.36	< 0.5	26	181	195	7.28	< 10	< 1	1.49	< 10	1.95	660
N300283	205	226	< 5	0.4	8.50	192	140	0.5	< 2	5.40	< 0.5	6	51	54	3.21	10	< 1	1.46	< 10	2.15	465
N300284	205	226	60	3.4	3.76	114	10	< 0.5	< 2	4.79	< 0.5	32	194	557	2.28	< 10	< 1	0.07	< 10	1.04	340
N300285	205	226	< 5	< 0.2	6.28	8	20	< 0.5	< 2	4.49	< 0.5	22	129	89	2.24	< 10	< 1	0.05	< 10	0.96	220
N300286	205	226	< 5	< 0.2	5.05	< 2	10	< 0.5	< 2	4.55	< 0.5	32	45	172	3.44	< 10	< 1	0.05	< 10	0.84	260
N300287	205	226	< 5	0.2	5.82	752	70	< 0.5	< 2	5.16	< 0.5	18	93	100	3.28	< 10	< 1	0.81	< 10	1.16	350
N300288	205	226	< 5	0.2	7.30	22	130	< 0.5	< 2	5.50	< 0.5	15	58	77	3.07	10	< 1	0.96	< 10	1.32	370
N300289	205	226	< 5	< 0.2	6.43	32	150	< 0.5	2	6.09	< 0.5	11	48	62	2.90	10	< 1	1.18	< 10	1.43	445
N300290	205	226	< 5	< 0.2	4.36	< 2	10	< 0.5	< 2	5.45	< 0.5	11	44	47	1.24	< 10	< 1	0.06	< 10	0.55	270

CERTIFICATION: [illegible]

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

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

Project : BENNETT
Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

Page Number :2-B
Total Pages :2
Certificate Date: 23-SEP-97
Invoice No. :I9742809
P.O. Number :6109
Account :GP W

CERTIFICATE OF ANALYSIS A9742809

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
N300269	205	226	< 1	0.18	28	1160	2	< 2	3	393	0.11	< 10	< 10	66	< 10	34
N300270	205	226	< 1	0.24	35	1350	< 2	< 2	2	548	0.17	< 10	< 10	72	< 10	28
N300271	205	226	< 1	0.23	45	1280	6	2	4	377	0.12	< 10	< 10	78	< 10	34
N300272	205	226	< 1	0.25	38	1430	< 2	< 2	1	548	0.17	< 10	< 10	93	< 10	34
N300273	205	226	< 1	0.18	42	1200	< 2	4	5	398	0.17	< 10	< 10	114	< 10	40
N300274	205	226	< 1	0.19	52	1280	< 2	2	1	389	0.12	< 10	< 10	63	< 10	22
N300275	205	226	< 1	0.14	40	940	< 2	< 2	1	292	0.07	< 10	< 10	45	< 10	20
N300276	205	226	3	0.20	2	570	6	< 2	2	214	0.07	< 10	< 10	30	< 10	24
N300277	205	226	3	0.12	1	340	< 2	< 2	1	57	0.03	< 10	< 10	6	< 10	14
N300278	205	226	1	0.11	1	320	4	< 2	1	83	0.05	< 10	< 10	8	< 10	30
N300279	205	226	2	0.07	1	360	10	2	1	43	0.03	< 10	< 10	7	< 10	20
N300280	205	226	2	0.13	1	350	6	< 2	1	179	0.08	< 10	< 10	10	< 10	74
N300281	205	226	< 1	0.19	49	1030	< 2	< 2	7	633	0.18	< 10	< 10	149	< 10	62
N300282	205	226	1	0.16	54	810	2	< 2	5	381	0.11	< 10	< 10	117	< 10	56
N300283	205	226	< 1	0.43	20	910	< 2	< 2	5	856	0.16	< 10	< 10	123	< 10	68
N300284	205	226	< 1	0.11	65	1030	< 2	< 2	2	247	0.10	< 10	< 10	53	< 10	38
N300285	205	226	3	0.29	61	1060	< 2	< 2	2	617	0.16	< 10	< 10	56	< 10	40
N300286	205	226	1	0.32	53	930	< 2	2	2	589	0.13	< 10	< 10	51	< 10	20
N300287	205	226	1	0.22	40	870	4	< 2	3	663	0.11	< 10	< 10	89	< 10	40
N300288	205	226	1	0.26	25	870	10	< 2	3	806	0.15	< 10	< 10	107	< 10	48
N300289	205	226	1	0.24	23	790	2	2	3	585	0.10	< 10	< 10	99	< 10	46
N300290	205	226	2	0.20	26	890	2	< 2	1	431	0.04	< 10	< 10	35	< 10	14

CERTIFICATION:

Chemex Labs Ltd.

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

fo: WESTMIN RESOURCES LTD.

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

INVOICE NUMBER I9742810

BILLING INFORMATION

Date: 24-SEP-97
Project: BENNETT
P.O. No.: 6109
Account: GP W

Comments: ATTN: DAVID TERRY VANCOUVER OFFICE

Billing: For analysis performed on Certificate A9742810

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

Please Remit Payments to:

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

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
60	205 - Geochem ring to approx 150 mesh	2.50		
	0-3 Kg crush and split	2.60		
	ICP-32	7.00		
	983 - Au ppb FA+AA	9.75	21.85	1311.00

Total Cost	$ 1311.00
Client Discount (25%)	$ -327.75
Net Cost	$ 983.25
(Reg# R100938885) GST	$ 68.83
TOTAL PAYABLE (CDN)	**$ 1052.08**

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

Project: BENNETT
Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

QC Page #: 1-A
Tot QC Pg: 1
Date: 23-SEP-97
Invoice #: I9742810
P.O. #: 6109 GP W

QC DATA OF CERTIFICATE A9742810

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
BL-C	Blnk	1	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CR-1	Std2	1	925	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	923	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
G96-1GM	Std1	1	-----	5.2	3.84	66	670	0.5	< 2	1.66	1.0	16	67	182	4.54	< 10	< 1	0.31	10	0.84	970
G96-1GM	Std2	1	-----	4.8	3.43	60	540	0.5	< 2	1.60	0.5	16	63	179	4.39	< 10	< 1	0.28	10	0.81	945
G96-1GM	Std1	2	-----	4.2	3.86	66	700	0.5	< 2	1.64	0.5	16	64	187	4.58	< 10	< 1	0.32	10	0.85	970
CHEMEX MEAN	---	---	-----	4.4	3.65	64	601	< 0.5	< 2	1.60	1.0	16	66	177	4.41	< 10	< 1	0.30	10	0.80	927
SIO2-B3	Blnk	1	-----	< 0.2	0.03	2	10	< 0.5	< 2	0.03	< 0.5	< 1	1	1	0.05	< 10	< 1	< 0.01	< 10	< 0.01	< 5
CHEMEX MEAN	---	---	-----	< 0.2	0.06	< 2	< 10	< 0.5	< 2	0.01	< 0.5	< 1	2	1	0.05	< 10	< 1	-----	< 10	< 0.01	-----
TC-97	Std1	1	200	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TC-97	Std1	2	210	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	201	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
N300291	Dup	1-01	10	0.6	4.54	14	210	< 0.5	< 2	2.98	< 0.5	17	66	84	3.58	10	< 1	1.02	< 10	1.80	505
	Orig	1-01	40	0.6	3.82	8	200	< 0.5	< 2	2.56	< 0.5	16	58	77	3.32	< 10	< 1	0.95	< 10	1.65	460
N300331	Dup	2-01	10	1.4	7.92	98	570	0.5	< 2	5.01	< 0.5	22	74	177	5.09	10	< 1	2.72	< 10	2.76	890
	Orig	2-01	5	1.4	7.36	98	530	0.5	< 2	4.64	< 0.5	21	67	168	4.80	10	< 1	2.58	< 10	2.62	825

CERTIFICATION: Ian Pochlen

Chemex Labs Ltd.

Analytical Chemists * Geochemists * 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: BENNETT
Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

QC Page #: 1-B
Tot QC Pg: 1
Date: 23-SEP-97
Invoice #: I9742810
P.O. #: 6109
GP W

QC DATA OF CERTIFICATE A9742810

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
BL-C	Blnk	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CR-1	Std2	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
G96-1GM	Std1	1	9	0.07	22	550	128	< 2	11	106	0.06	< 10	10	103	< 10	188
G96-1GM	Std2	1	8	0.07	21	540	122	< 2	11	98	0.05	< 10	10	97	< 10	182
G96-1GM	Std1	2	8	0.07	21	550	124	< 2	12	107	0.06	< 10	< 10	104	< 10	188
CHEMEX MEAN	---	---	9	0.07	20	520	120	4	10	102	0.06	< 10	-----	102	< 10	186
SIO2-B3	Blnk	1	< 1	< 0.01	< 1	40	< 2	< 2	1	15	< 0.01	< 10	< 10	1	< 10	< 2
CHEMEX MEAN	---	---	< 1	< 0.01	< 1	94	< 2	< 2	1	34	< 0.01	< 10	< 10	1	< 10	< 2
TC-97	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TC-97	Std1	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
N300291	Dup	1-01	< 1	0.40	23	1400	< 2	< 2	5	247	0.19	< 10	< 10	131	< 10	42
	Orig	1-01	< 1	0.29	22	1340	< 2	< 2	4	189	0.12	< 10	< 10	118	< 10	38
N300331	Dup	2-01	1	0.34	24	1420	4	< 2	12	608	0.26	< 10	< 10	182	< 10	86
	Orig	2-01	1	0.30	23	1320	< 2	< 2	10	544	0.20	< 10	< 10	171	< 10	82

CERTIFICATION: [signature]

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

A9742810

Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

CERTIFICATE A9742810

(GP W) - WESTMIN RESOURCES LTD.

Project: BENNETT
P.O. # : 6109

Samples submitted to our lab in Vancouver, BC.
This report was printed on 23-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	60	Geochem ring to approx 150 mesh
226	60	0-3 Kg crush and split
3202	60	Rock - save entire reject
229	60	ICP - AQ Digestion charge
* NOTE	1:	

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	60	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	60	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	60	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	60	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	60	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	60	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	60	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	60	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	60	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	60	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	60	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	60	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	60	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	60	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	60	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	60	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	60	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	60	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	60	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	60	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	60	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	60	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	60	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	60	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	60	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	60	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	60	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	60	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	60	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	60	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	60	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	60	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	60	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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VANCOUVER, BC
V7X 1C4

Project : BENNETT
Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

Page Number :1-A
Total Pages :2
Certificate Date: 23-SEP-97
Invoice No. :I9742810
P.O. Number :6109
Account :GP W

CERTIFICATE OF ANALYSIS A9742810

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
N300291	205	226	40	0.6	3.82	8	200	< 0.5	< 2	2.56	< 0.5	16	58	77	3.32	< 10	< 1	0.95	< 10	1.65	460
N300292	205	226	20	1.0	4.63	14	320	< 0.5	< 2	2.53	< 0.5	18	25	139	3.83	10	< 1	1.54	< 10	1.70	480
N300293	205	226	< 5	0.2	7.95	14	540	0.5	< 2	4.06	< 0.5	21	32	65	5.06	10	< 1	2.60	< 10	2.42	710
N300294	205	226	< 5	< 0.2	8.78	28	470	0.5	< 2	3.95	< 0.5	19	24	81	4.84	10	< 1	2.29	< 10	2.29	680
N300295	205	226	< 5	< 0.2	9.34	10	620	0.5	< 2	3.89	< 0.5	9	41	< 1	3.52	10	< 1	1.93	< 10	1.90	460
N300296	205	226	< 5	0.2	9.37	6	470	0.5	< 2	4.29	< 0.5	21	16	99	5.39	10	< 1	2.32	< 10	2.38	665
N300297	205	226	< 5	0.4	7.05	8	290	0.5	< 2	2.90	< 0.5	22	19	140	4.84	10	< 1	1.41	< 10	2.01	425
N300298	205	226	< 5	< 0.2	8.54	6	360	0.5	< 2	3.34	< 0.5	17	22	96	4.82	10	< 1	1.97	< 10	2.35	440
N300299	205	226	< 5	0.6	7.32	22	250	0.5	< 2	2.97	< 0.5	30	59	150	5.08	10	< 1	1.43	< 10	2.28	430
N300300	205	226	< 5	< 0.2	7.68	16	250	0.5	< 2	3.50	< 0.5	7	37	5	2.02	10	< 1	0.90	< 10	1.40	240
N300301	205	226	< 5	< 0.2	6.09	32	80	0.5	< 2	3.83	< 0.5	19	144	68	2.55	10	< 1	0.45	< 10	1.21	325
N300302	205	226	< 5	0.8	5.70	36	60	0.5	< 2	3.99	< 0.5	18	108	140	3.02	10	< 1	0.42	< 10	1.44	410
N300303	205	226	10	1.2	6.26	22	70	0.5	< 2	3.48	1.0	20	48	184	3.11	10	< 1	0.36	< 10	1.62	350
N300304	205	226	10	< 0.2	5.64	20	30	0.5	< 2	4.54	< 0.5	12	42	29	3.10	10	< 1	0.08	< 10	1.70	525
N300305	205	226	40	< 0.2	7.69	6	20	0.5	< 2	5.07	< 0.5	11	29	12	3.34	10	< 1	0.08	< 10	1.76	505
N300306	205	226	50	< 0.2	5.94	18	30	0.5	< 2	5.46	< 0.5	9	41	18	1.70	10	< 1	0.14	< 10	1.20	365
N300307	205	226	50	0.2	4.35	80	20	0.5	< 2	5.57	< 0.5	21	46	80	1.90	< 10	< 1	0.08	< 10	1.17	375
N300308	205	226	40	< 0.2	5.71	70	130	0.5	< 2	4.54	< 0.5	28	64	54	2.66	< 10	< 1	0.56	< 10	1.55	400
N300309	205	226	< 5	0.2	8.12	28	350	0.5	< 2	4.83	< 0.5	17	48	70	3.74	10	< 1	1.51	< 10	2.15	435
N300310	205	226	< 5	0.4	10.80	26	370	1.0	< 2	5.23	< 0.5	18	56	77	4.10	10	< 1	1.74	< 10	2.38	410
N300311	205	226	10	0.8	6.54	82	90	0.5	< 2	5.62	< 0.5	27	120	168	2.96	10	< 1	0.50	< 10	1.93	500
N300312	205	226	40	0.8	4.36	130	10	0.5	< 2	5.21	< 0.5	28	144	130	2.57	10	< 1	0.09	< 10	1.66	550
N300313	205	226	20	1.2	3.74	88	10	< 0.5	< 2	3.68	< 0.5	32	115	211	2.12	< 10	< 1	0.10	< 10	1.18	400
N300314	205	226	< 5	0.8	7.92	96	220	0.5	< 2	5.28	< 0.5	33	126	172	3.70	10	< 1	1.13	< 10	2.04	505
N300315	205	226	< 5	0.2	6.96	44	190	0.5	< 2	5.06	< 0.5	13	53	45	2.95	10	< 1	1.20	< 10	2.20	500
N300316	205	226	90	0.6	7.73	294	180	1.0	< 2	5.26	0.5	15	87	116	3.17	10	< 1	1.27	< 10	2.08	545
N300317	205	226	< 5	< 0.2	7.49	24	240	1.0	< 2	3.90	< 0.5	10	31	9	3.07	10	< 1	1.62	< 10	2.11	445
N300318	205	226	< 5	0.2	7.27	28	270	0.5	< 2	3.32	< 0.5	12	23	8	3.08	10	< 1	1.58	< 10	1.79	375
N300319	205	226	< 5	0.6	7.10	94	270	1.0	< 2	4.79	< 0.5	22	143	111	4.04	10	< 1	1.70	< 10	2.21	560
N300320	205	226	10	0.2	8.89	134	400	0.5	< 2	5.65	< 0.5	25	64	128	5.44	10	< 1	2.54	< 10	2.86	730
N300321	205	226	< 5	0.4	7.45	222	290	0.5	< 2	3.95	< 0.5	32	249	157	5.30	10	< 1	1.85	< 10	2.41	555
N300322	205	226	< 5	1.0	6.32	50	310	0.5	< 2	4.46	0.5	26	105	157	3.77	10	< 1	1.37	< 10	1.48	550
N300323	205	226	10	1.4	6.35	76	190	0.5	< 2	4.02	2.5	24	75	163	3.32	10	< 1	0.90	< 10	1.41	500
N300324	205	226	5	0.6	7.54	38	480	0.5	< 2	4.33	< 0.5	20	69	124	4.72	10	< 1	2.19	< 10	2.07	615
N300325	205	226	< 5	0.4	8.06	70	640	0.5	< 2	3.80	< 0.5	25	77	144	5.48	10	< 1	2.37	< 10	2.21	585
N300326	205	226	< 5	0.4	7.34	34	510	0.5	< 2	3.37	< 0.5	20	71	102	5.51	10	< 1	2.49	< 10	2.65	630
N300327	205	226	< 5	0.2	1.83	22	80	< 0.5	< 2	1.01	< 0.5	5	29	41	2.44	< 10	< 1	0.30	10	0.60	220
N300328	205	226	15	0.2	1.40	874	120	< 0.5	< 2	0.71	< 0.5	9	49	22	1.30	< 10	< 1	0.34	10	0.36	115
N300329	205	226	15	0.4	4.05	32	150	0.5	< 2	5.61	< 0.5	15	54	137	4.93	10	< 1	0.73	< 10	2.13	825
N300330	205	226	10	0.4	4.85	284	290	0.5	< 2	4.54	< 0.5	31	398	40	3.26	10	< 1	1.14	< 10	2.07	680

CERTIFICATION:

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Project : BENNETT
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Page Number :1-B
Total Pages :2
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P.O. Number :6109
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CERTIFICATE OF ANALYSIS A9742810

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
N300291	205	226	< 1	0.29	22	1340	< 2	< 2	4	189	0.12	< 10	< 10	118	< 10	38
N300292	205	226	< 1	0.41	10	1260	2	< 2	5	309	0.18	< 10	< 10	145	< 10	44
N300293	205	226	< 1	0.64	18	1340	2	< 2	11	514	0.22	< 10	< 10	187	< 10	70
N300294	205	226	< 1	0.72	14	1290	< 2	< 2	12	428	0.20	< 10	< 10	173	< 10	68
N300295	205	226	< 1	1.00	9	1050	2	< 2	11	551	0.15	< 10	< 10	101	< 10	48
N300296	205	226	< 1	0.92	9	1540	< 2	< 2	14	438	0.25	< 10	< 10	209	< 10	60
N300297	205	226	< 1	0.76	8	1290	< 2	< 2	12	419	0.22	< 10	< 10	182	< 10	44
N300298	205	226	1	0.84	10	1230	< 2	< 2	12	537	0.20	< 10	< 10	182	< 10	46
N300299	205	226	1	0.55	26	1390	< 2	2	9	427	0.16	< 10	< 10	181	< 10	42
N300300	205	226	< 1	0.93	18	1160	< 2	< 2	9	740	0.09	< 10	< 10	83	< 10	22
N300301	205	226	< 1	0.46	61	1470	< 2	< 2	4	427	0.15	< 10	< 10	78	< 10	24
N300302	205	226	< 1	0.40	54	1370	< 2	< 2	7	333	0.13	< 10	< 10	114	< 10	28
N300303	205	226	1	0.49	40	940	< 2	< 2	6	453	0.12	< 10	< 10	78	< 10	32
N300304	205	226	< 1	0.33	16	1030	2	< 2	8	348	0.08	< 10	< 10	101	< 10	34
N300305	205	226	1	0.34	25	1170	< 2	< 2	3	431	0.08	< 10	< 10	99	< 10	38
N300306	205	226	< 1	0.32	18	900	< 2	< 2	4	539	0.09	< 10	< 10	56	< 10	22
N300307	205	226	1	0.17	36	790	< 2	< 2	4	352	0.12	< 10	< 10	76	< 10	24
N300308	205	226	1	0.17	62	1060	< 2	< 2	5	361	0.12	< 10	< 10	89	< 10	32
N300309	205	226	< 1	0.25	21	940	< 2	< 2	7	358	0.17	< 10	< 10	103	< 10	54
N300310	205	226	1	0.34	21	910	< 2	< 2	10	590	0.21	< 10	< 10	167	< 10	54
N300311	205	226	< 1	0.19	41	1070	< 2	< 2	5	396	0.17	< 10	< 10	114	< 10	44
N300312	205	226	< 1	0.10	51	1630	8	6	6	338	0.09	< 10	< 10	89	< 10	42
N300313	205	226	< 1	0.10	59	1390	6	2	4	307	0.10	< 10	< 10	60	< 10	30
N300314	205	226	< 1	0.29	47	1420	< 2	< 2	5	591	0.18	< 10	< 10	131	< 10	54
N300315	205	226	< 1	0.32	26	940	< 2	< 2	5	413	0.16	< 10	< 10	76	< 10	50
N300316	205	226	1	0.40	32	1130	6	< 2	8	526	0.15	< 10	< 10	118	< 10	58
N300317	205	226	1	0.41	14	1020	< 2	< 2	9	638	0.14	< 10	< 10	91	< 10	48
N300318	205	226	1	0.46	16	1090	< 2	< 2	11	378	0.14	< 10	< 10	97	< 10	44
N300319	205	226	1	0.43	51	910	< 2	< 2	9	466	0.15	< 10	< 10	144	< 10	50
N300320	205	226	< 1	0.51	50	1170	4	< 2	11	550	0.20	< 10	< 10	201	< 10	74
N300321	205	226	< 1	0.55	110	1840	6	2	8	566	0.19	< 10	< 10	176	< 10	60
N300322	205	226	1	0.66	48	1440	10	< 2	4	611	0.22	< 10	< 10	124	< 10	58
N300323	205	226	1	0.65	35	1520	36	2	3	582	0.20	< 10	< 10	109	< 10	140
N300324	205	226	1	0.68	20	1590	2	< 2	6	510	0.26	< 10	< 10	161	< 10	72
N300325	205	226	< 1	0.79	19	1780	6	< 2	9	467	0.26	< 10	< 10	199	< 10	76
N300326	205	226	1	0.72	30	1660	2	< 2	14	451	0.27	< 10	< 10	204	< 10	70
N300327	205	226	3	0.17	6	680	12	< 2	3	92	0.10	< 10	< 10	32	< 10	26
N300328	205	226	2	0.13	1	480	8	2	2	68	0.04	< 10	< 10	15	< 10	12
N300329	205	226	1	0.23	42	1230	< 2	6	8	326	0.10	< 10	< 10	101	< 10	64
N300330	205	226	< 1	0.27	158	1470	2	< 2	6	463	0.14	< 10	< 10	91	< 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 : BENNETT
Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

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Total Pages : 2
Certificate Date: 23-SEP-97
Invoice No. : I9742810
P.O. Number : 6109
Account : GP W

CERTIFICATE OF ANALYSIS A9742810

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
N300331	205	226	5	1.4	7.36	98	530	0.5	< 2	4.64	< 0.5	21	67	168	4.80	10	< 1	2.58	< 10	2.62	825
N300332	205	226	10	1.4	5.72	704	440	0.5	< 2	6.46	< 0.5	28	215	122	4.81	10	< 1	2.56	< 10	2.71	1220
N300333	205	226	5	1.4	6.66	250	360	0.5	< 2	5.97	< 0.5	21	47	130	5.65	10	< 1	2.37	< 10	3.10	1180
N300334	205	226	< 5	0.6	8.87	86	440	0.5	< 2	6.36	< 0.5	21	60	74	5.83	10	< 1	2.98	< 10	3.17	1170
N300335	205	226	5	1.2	9.04	70	410	0.5	< 2	6.00	< 0.5	26	81	157	5.68	10	< 1	2.91	< 10	2.76	980
N300336	205	226	< 5	< 0.2	9.28	62	430	0.5	< 2	4.70	< 0.5	20	134	41	5.41	10	< 1	2.88	< 10	2.74	805
N300337	205	226	< 5	0.2	1.78	256	70	0.5	< 2	1.28	< 0.5	6	38	66	2.28	< 10	< 1	0.24	10	0.61	215
N300338	205	226	5	< 0.2	2.51	348	110	0.5	< 2	1.60	< 0.5	6	39	20	2.45	< 10	< 1	0.48	10	0.66	290
N300339	205	226	10	1.0	9.91	52	450	1.0	< 2	4.88	< 0.5	25	65	128	6.50	20	< 1	2.78	< 10	2.74	845
N300341	205	226	< 5	1.4	8.76	54	360	0.5	< 2	5.16	< 0.5	20	69	135	4.73	10	< 1	2.39	< 10	2.25	770
N300342	205	226	45	1.0	8.09	64	290	0.5	< 2	4.82	< 0.5	30	131	144	4.43	10	< 1	1.78	< 10	1.87	665
N300343	205	226	15	0.6	6.76	178	310	0.5	< 2	3.66	< 0.5	30	209	74	3.68	10	< 1	1.63	< 10	1.73	510
N300344	205	226	< 5	0.2	2.53	294	100	< 0.5	< 2	8.77	< 0.5	10	82	95	2.92	< 10	< 1	0.57	< 10	1.41	1100
N300345	205	226	10	< 0.2	7.80	828	460	0.5	< 2	3.95	< 0.5	28	405	42	4.83	10	< 1	2.07	< 10	2.46	720
N300346	205	226	10	0.8	7.42	894	410	0.5	< 2	5.20	< 0.5	15	69	137	4.04	10	< 1	1.87	< 10	2.35	695
N300347	205	226	< 5	< 0.2	1.62	134	40	< 0.5	< 2	7.04	< 0.5	13	85	8	1.19	< 10	< 1	0.25	< 10	0.86	640
N300348	205	226	5	0.2	3.80	60	40	< 0.5	< 2	6.60	0.5	10	76	15	1.41	< 10	< 1	0.24	< 10	0.78	505
N300349	205	226	< 5	< 0.2	7.72	154	300	0.5	< 2	4.32	< 0.5	14	40	53	3.42	10	< 1	1.60	< 10	1.84	400
N300350	205	226	< 5	0.6	9.07	82	310	0.5	< 2	4.51	< 0.5	17	81	135	4.00	10	< 1	1.74	< 10	2.10	415
N300351	205	226	< 5	0.2	8.61	338	340	0.5	< 2	4.22	< 0.5	19	57	64	4.76	10	< 1	1.67	< 10	2.13	460

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 : BENNETT
Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

Page Number :2-B
Total Pages :2
Certificate Date: 23-SEP-97
Invoice No. :I9742810
P.O. Number :6109
Account :GP W

CERTIFICATE OF ANALYSIS A9742810

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
N300331	205	226	1	0.30	23	1320	< 2	< 2	10	544	0.20	< 10	< 10	171	< 10	82
N300332	205	226	< 1	0.19	46	1060	< 2	< 2	11	466	0.18	< 10	< 10	183	< 10	84
N300333	205	226	< 1	0.23	29	1050	2	< 2	19	395	0.18	< 10	< 10	199	< 10	86
N300334	205	226	< 1	0.31	29	960	6	< 2	24	529	0.24	< 10	< 10	230	< 10	94
N300335	205	226	< 1	0.26	38	880	14	< 2	23	441	0.25	< 10	< 10	222	< 10	92
N300336	205	226	1	0.44	42	1120	< 2	< 2	23	490	0.25	< 10	< 10	226	< 10	82
N300337	205	226	2	0.17	1	740	6	< 2	4	94	0.12	< 10	< 10	38	< 10	24
N300338	205	226	3	0.23	2	720	2	< 2	4	202	0.12	< 10	< 10	38	< 10	28
N300339	205	226	< 1	0.32	27	1530	< 2	< 2	24	493	0.35	< 10	< 10	270	< 10	86
N300341	205	226	< 1	0.44	35	1250	2	< 2	7	582	0.26	< 10	< 10	173	< 10	74
N300342	205	226	1	0.41	45	1110	< 2	< 2	6	700	0.23	< 10	< 10	163	< 10	66
N300343	205	226	28	0.30	96	620	< 2	2	14	597	0.23	< 10	< 10	161	< 10	56
N300344	205	226	8	0.07	25	450	< 2	< 2	3	200	0.12	< 10	< 10	46	< 10	32
N300345	205	226	1	0.35	114	710	< 2	10	22	351	0.21	< 10	< 10	135	< 10	72
N300346	205	226	5	0.34	37	430	< 2	< 2	17	348	0.16	< 10	< 10	146	< 10	64
N300347	205	226	19	0.08	57	610	< 2	6	1	109	0.04	< 10	< 10	20	< 10	18
N300348	205	226	6	0.26	65	850	12	12	2	235	0.05	< 10	< 10	41	< 10	32
N300349	205	226	6	0.43	21	990	< 2	< 2	18	305	0.15	< 10	< 10	134	< 10	42
N300350	205	226	1	0.50	32	860	< 2	< 2	17	323	0.13	< 10	< 10	138	< 10	46
N300351	205	226	6	0.49	26	610	< 2	< 2	21	353	0.18	< 10	< 10	182	< 10	48

CERTIFICATION:

Chemex Labs Ltd.

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To: WESTMIN RESOURCES LTD.

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

INVOICE NUMBER I 9 7 4 2 8 1 5

BILLING INFORMATION

Date: 25-SEP-97
Project: BENNETT
P.O. No.: 6109
Account: GP W

Comments: ATTN: DAVID TERRY VANCOUVER OFFICE

Billing: For analysis performed on Certificate A9742815

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

Please Remit Payments to:

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

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
57	205 - Geochem ring to approx 150 mesh	2.50		
	0-3 Kg crush and split	2.60		
	ICP-32	7.00		
	983 - Au ppb FA+AA	9.75	21.85	1245.45
1	205 - Geochem ring to approx 150 mesh	2.50		
	0-3 Kg crush and split	2.60		
	ICP-32	7.00		
	983 - Au ppb FA+AA	9.75		
	997 - Au FA g/t	11.75	33.60	33.60

Total Cost $	1279.05
Client Discount (25%) $	-319.76
Net Cost $	959.29
(Reg# R100938885) GST $	67.15
TOTAL PAYABLE (CDN) $	**1026.44**

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

A9742815

Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

CERTIFICATE A9742815

(GP W) - WESTMIN RESOURCES LTD.

Project: BENNETT
P.O.#: 6109

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

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	58	Geochem ring to approx 150 mesh
226	58	0-3 Kg crush and split
3202	58	Rock - save entire reject
229	58	ICP - AQ Digestion charge
* NOTE	1:	

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	58	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
997	1	Au g/t: 1 assay ton, grav.	FA-GRAVIMETRIC	0.07	1000.0
2118	58	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	58	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	58	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	58	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	58	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	58	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	58	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	58	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	58	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	58	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	58	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	58	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	58	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	58	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	58	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	58	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	58	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	58	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	58	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	58	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	58	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	58	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	58	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	58	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	58	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	58	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	58	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	58	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	58	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	58	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	58	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	58	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

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

Project : BENNETT
Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

Page Number :1-A
Total Pages :2
Certificate Date: 24-SEP-97
Invoice No. :19742815
P.O. Number :6109
Account :GP W

CERTIFICATE OF ANALYSIS A9742815

SAMPLE	PREP CODE		Au ppb FA+AA	Au FA g/t	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
N300419	205	226	15	-----	1.2	6.69	40	340	0.5	< 2	3.86	< 0.5	19	105	80	4.61	10	< 1	1.99	< 10	2.27
N300420	205	226	30	-----	2.0	6.79	386	370	0.5	< 2	4.10	< 0.5	26	92	139	5.69	10	< 1	1.99	< 10	2.45
N300421	205	226	20	-----	1.2	5.81	52	260	< 0.5	< 2	5.49	< 0.5	26	163	109	5.20	10	< 1	2.07	< 10	2.80
N300422	205	226	15	-----	0.4	4.87	154	150	0.5	< 2	4.69	< 0.5	16	32	51	3.74	< 10	< 1	1.28	< 10	2.36
N300423	205	226	15	-----	1.4	2.89	104	80	< 0.5	< 2	6.67	< 0.5	17	123	85	3.05	< 10	< 1	1.00	< 10	2.57
N300424	205	226	15	-----	3.6	2.36	132	30	< 0.5	< 2	7.06	0.5	12	30	129	2.23	< 10	1	0.23	< 10	1.52
N300425	205	226	4280	-----	2.0	3.16	5690	10	< 0.5	52	4.36	2.5	93	139	95	2.96	< 10	< 1	0.08	< 10	1.52
N300426	205	226	>10000	10.08	4.4	3.88	2430	30	0.5	102	3.70	2.0	190	324	51	2.60	< 10	< 1	0.24	< 10	1.48
N300427	205	226	30	-----	1.8	7.68	514	250	0.5	< 2	5.03	< 0.5	25	29	161	4.01	10	< 1	1.81	< 10	2.07
N300428	205	226	20	-----	1.0	6.50	344	90	0.5	< 2	4.91	0.5	30	63	140	3.53	< 10	< 1	0.77	< 10	1.86
N300429	205	226	20	-----	0.8	6.41	316	70	0.5	< 2	3.70	0.5	29	67	157	3.94	10	< 1	0.99	< 10	2.02
N300430	205	226	5	-----	1.0	3.69	106	10	< 0.5	< 2	4.20	0.5	32	127	110	2.79	< 10	< 1	0.18	< 10	1.21
N300440	205	226	< 5	-----	1.2	1.85	274	30	< 0.5	< 2	11.40	0.5	52	510	256	3.25	< 10	1	0.42	< 10	3.24
N300441	205	226	5	-----	< 0.2	2.96	128	70	< 0.5	< 2	0.53	< 0.5	20	43	66	5.03	< 10	< 1	0.90	< 10	1.16
N300442	205	226	< 5	-----	< 0.2	4.69	3030	130	< 0.5	< 2	1.70	0.5	21	43	140	5.29	10	< 1	1.35	< 10	1.61
N300443	205	226	< 5	-----	0.8	1.80	218	30	< 0.5	< 2	6.17	< 0.5	45	59	301	4.93	< 10	< 1	0.58	< 10	1.54
N300444	205	226	< 5	-----	0.2	5.46	88	170	< 0.5	< 2	2.44	< 0.5	14	39	79	3.55	< 10	< 1	1.27	< 10	1.78
N300445	205	226	< 5	-----	0.6	3.07	3360	50	< 0.5	24	1.33	< 0.5	23	91	144	4.64	< 10	< 1	0.43	< 10	1.74
N300446	205	226	35	-----	0.2	2.08	4980	50	< 0.5	2	2.41	0.5	21	47	161	4.19	< 10	1	0.31	< 10	1.23
N300447	205	226	40	-----	1.4	2.23	24	10	< 0.5	< 2	4.67	< 0.5	23	84	490	9.21	< 10	1	0.11	< 10	1.92
N300448	205	226	110	-----	0.6	3.60	102	20	< 0.5	< 2	6.70	< 0.5	12	75	188	5.69	< 10	1	0.13	< 10	2.27
N300449	205	226	25	-----	0.2	5.91	578	190	< 0.5	< 2	2.86	< 0.5	15	92	59	3.77	< 10	1	1.07	< 10	1.68
N300450	205	226	25	-----	0.2	7.30	410	280	< 0.5	< 2	3.69	< 0.5	28	359	110	4.26	10	< 1	1.42	< 10	2.67
N300451	205	226	10	-----	0.2	6.92	376	240	0.5	< 2	2.57	< 0.5	23	173	124	4.26	< 10	< 1	1.22	< 10	2.74
N300452	205	226	20	-----	0.6	5.74	530	170	< 0.5	< 2	2.47	< 0.5	18	58	147	5.17	< 10	< 1	0.72	< 10	1.75
N300453	205	226	20	-----	0.4	6.27	124	120	0.5	< 2	2.37	< 0.5	17	129	140	4.76	10	< 1	0.47	< 10	1.70
N300454	205	226	60	-----	0.2	6.17	950	140	< 0.5	< 2	2.23	< 0.5	26	247	117	4.75	10	< 1	0.65	< 10	2.62
N300455	205	226	20	-----	< 0.2	6.33	854	140	0.5	< 2	2.88	< 0.5	21	102	69	3.72	< 10	< 1	0.84	< 10	1.91
N300456	205	226	25	-----	0.2	4.57	784	90	< 0.5	< 2	1.66	< 0.5	19	52	129	4.92	< 10	1	0.51	< 10	1.29
N300457	205	226	20	-----	0.2	3.36	6150	70	< 0.5	< 2	2.09	< 0.5	23	79	58	4.23	< 10	1	0.52	< 10	1.97
N300458	205	226	10	-----	0.4	4.56	1150	150	0.5	< 2	2.27	< 0.5	17	42	124	4.75	< 10	1	1.08	< 10	1.47
N300459	205	226	15	-----	0.6	6.29	2210	120	0.5	< 2	3.57	< 0.5	16	81	125	4.32	10	1	1.00	< 10	1.69
N300460	205	226	< 5	-----	0.2	5.62	332	180	< 0.5	< 2	3.08	< 0.5	16	38	106	4.54	< 10	1	0.95	< 10	1.71
N300461	205	226	< 5	-----	0.2	7.18	2410	230	0.5	< 2	3.63	0.5	16	28	98	4.83	< 10	1	1.39	< 10	2.10
N300462	205	226	< 5	-----	< 0.2	7.56	270	320	0.5	< 2	3.35	< 0.5	13	24	95	4.63	10	< 1	1.71	< 10	2.24
N300463	205	226	< 5	-----	< 0.2	4.48	22	190	< 0.5	< 2	2.22	< 0.5	7	77	26	2.32	< 10	1	0.80	< 10	1.13
N300464	205	226	100	-----	< 0.2	3.96	>10000	110	< 0.5	< 2	1.72	5.0	39	56	30	3.80	< 10	< 1	0.88	< 10	1.29
N300465	205	226	< 5	-----	0.2	5.92	14	100	0.5	< 2	3.34	< 0.5	9	27	132	3.70	10	< 1	0.66	< 10	1.26
N300466	205	226	< 5	-----	0.2	3.97	6	100	< 0.5	< 2	2.92	< 0.5	10	33	102	3.02	< 10	< 1	0.31	< 10	0.88
N300467	205	226	< 5	-----	0.2	3.63	18	60	< 0.5	< 2	2.69	< 0.5	23	14	185	4.47	< 10	< 1	0.18	< 10	1.21

CERTIFICATION: J. Buchler

Chemex Labs Ltd.

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212 Brooksbank Ave., North Vancouver
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V7X 1C4

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P.O. Number :6109
Account :GP W

CERTIFICATE OF ANALYSIS A9742815

SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
N300419	205	226	975	1	0.41	31	1070	8	2	10	266	0.24	< 10	< 10	158	< 10	120
N300420	205	226	1240	2	0.43	29	1300	10	6	11	246	0.25	< 10	< 10	187	< 10	148
N300421	205	226	1355	2	0.23	51	1000	6	6	13	202	0.20	< 10	< 10	173	< 10	124
N300422	205	226	795	3	0.12	23	1060	6	10	9	194	0.13	< 10	< 10	128	< 10	90
N300423	205	226	935	4	0.04	51	1070	24	16	7	179	0.09	< 10	< 10	101	< 10	74
N300424	205	226	665	5	0.05	29	1160	20	20	4	181	0.03	< 10	< 10	67	< 10	40
N300425	205	226	510	2	0.10	116	1080	56	14	3	147	0.03	< 10	< 10	62	< 10	42
N300426	205	226	495	< 1	0.16	209	1310	106	12	2	147	0.05	< 10	< 10	46	< 10	46
N300427	205	226	720	1	0.64	18	1330	8	4	7	299	0.17	< 10	< 10	125	< 10	82
N300428	205	226	575	1	0.43	31	1000	14	6	3	268	0.18	< 10	< 10	102	< 10	72
N300429	205	226	425	1	0.44	39	1010	16	2	3	341	0.19	< 10	< 10	119	< 10	78
N300430	205	226	485	1	0.17	52	1120	16	4	3	187	0.15	< 10	< 10	80	< 10	60
N300440	205	226	1075	56	0.01	264	220	6	12	6	164	0.06	< 10	< 10	54	< 10	58
N300441	205	226	380	2	0.04	26	840	4	4	8	36	0.09	< 10	< 10	95	< 10	54
N300442	205	226	415	1	0.27	28	880	6	6	18	137	0.16	< 10	< 10	200	< 10	66
N300443	205	226	755	7	0.05	194	390	2	4	3	67	0.09	< 10	< 10	64	< 10	56
N300444	205	226	420	2	0.40	20	510	2	< 2	10	229	0.13	< 10	< 10	53	< 10	62
N300445	205	226	405	< 1	0.12	28	340	6	6	10	56	0.06	< 10	< 10	72	< 10	52
N300446	205	226	305	1	0.01	17	220	6	8	6	42	< 0.01	< 10	< 10	55	< 10	46
N300447	205	226	715	49	< 0.01	34	850	12	8	10	46	0.01	< 10	10	84	< 10	92
N300448	205	226	945	45	0.17	29	460	12	8	10	106	0.05	< 10	< 10	113	< 10	78
N300449	205	226	360	3	0.45	63	630	6	2	12	241	0.08	< 10	< 10	106	< 10	46
N300450	205	226	550	2	0.38	217	620	4	8	12	209	0.11	< 10	< 10	128	< 10	64
N300451	205	226	440	2	0.38	154	580	< 2	< 2	13	217	0.10	< 10	< 10	106	< 10	56
N300452	205	226	485	2	0.27	22	580	2	2	11	210	0.07	< 10	< 10	87	< 10	62
N300453	205	226	580	2	0.31	69	480	4	2	11	194	0.07	< 10	< 10	92	< 10	76
N300454	205	226	445	1	0.26	165	520	6	2	13	284	0.07	< 10	< 10	120	< 10	58
N300455	205	226	315	3	0.44	91	600	4	2	10	281	0.09	< 10	< 10	97	< 10	40
N300456	205	226	290	4	0.23	18	430	6	4	9	116	0.06	< 10	< 10	78	< 10	36
N300457	205	226	325	4	0.06	26	520	2	6	9	55	0.01	< 10	< 10	71	< 10	46
N300458	205	226	325	2	0.20	19	560	6	< 2	10	124	0.06	< 10	< 10	86	< 10	44
N300459	205	226	355	3	0.41	27	570	8	2	12	192	0.08	< 10	< 10	135	< 10	56
N300460	205	226	405	4	0.31	14	530	6	2	12	307	0.09	< 10	< 10	130	< 10	50
N300461	205	226	510	3	0.50	8	650	6	4	12	243	0.11	< 10	< 10	159	< 10	74
N300462	205	226	485	3	0.53	7	750	2	2	12	264	0.12	< 10	< 10	157	< 10	78
N300463	205	226	275	1	0.31	11	420	< 2	< 2	6	150	0.07	< 10	< 10	52	< 10	32
N300464	205	226	280	1	0.32	19	350	2	18	7	109	0.07	< 10	< 10	62	< 10	40
N300465	205	226	330	1	0.53	4	640	4	2	7	241	0.13	< 10	< 10	106	< 10	46
N300466	205	226	355	2	0.43	7	580	6	2	5	173	0.11	< 10	< 10	79	< 10	32
N300467	205	226	515	1	0.36	5	780	10	2	6	120	0.14	< 10	< 10	115	< 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 : BENNETT
Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

Page Number :2-A
Total Pages :2
Certificate Date: 24-SEP-97
Invoice No. :I9742815
P.O. Number :6109
Account :GP W

CERTIFICATE OF ANALYSIS A9742815

SAMPLE	PREP CODE		Au ppb FA+AA	Au FA g/t	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
N300468	205	226	< 5	-----	< 0.2	2.71	< 2	40	< 0.5	< 2	2.22	< 0.5	18	13	92	3.14	< 10	< 1	0.11	< 10	1.00
N300469	205	226	< 5	-----	0.2	3.46	16	80	< 0.5	< 2	2.80	< 0.5	18	39	109	3.08	< 10	< 1	0.28	< 10	0.95
N300470	205	226	< 5	-----	1.0	5.13	96	120	0.5	< 2	3.52	< 0.5	28	33	545	6.86	10	< 1	0.94	< 10	1.16
N300471	205	226	< 5	-----	< 0.2	5.54	8	150	0.5	< 2	5.99	< 0.5	12	22	38	3.61	< 10	< 1	1.14	< 10	1.09
N300472	205	226	< 5	-----	0.2	3.76	2	60	< 0.5	< 2	3.06	< 0.5	13	37	220	3.78	< 10	< 1	0.44	< 10	0.94
N300473	205	226	< 5	-----	0.2	4.58	34	240	< 0.5	< 2	4.53	< 0.5	17	39	115	4.85	10	< 1	1.14	< 10	1.91
N300474	205	226	< 5	-----	0.2	2.61	< 2	60	< 0.5	< 2	2.22	< 0.5	11	49	116	2.95	< 10	< 1	0.15	< 10	0.91
N300475	205	226	< 5	-----	0.2	4.48	416	170	< 0.5	< 2	2.81	< 0.5	16	39	96	4.10	< 10	< 1	0.74	< 10	1.34
N300476	205	226	< 5	-----	< 0.2	4.12	36	190	< 0.5	< 2	2.74	< 0.5	11	45	42	3.27	< 10	< 1	0.63	< 10	1.05
N300477	205	226	< 5	-----	< 0.2	3.25	6	130	< 0.5	< 2	1.95	< 0.5	6	73	54	2.62	< 10	< 1	0.45	< 10	1.03
N300478	205	226	< 5	-----	0.2	6.62	62	290	0.5	< 2	2.04	< 0.5	27	358	50	4.73	< 10	< 1	2.60	< 10	3.53
N300479	205	226	< 5	-----	0.2	8.30	30	330	< 0.5	< 2	2.10	< 0.5	35	374	57	6.19	10	< 1	3.22	< 10	4.58
N300480	205	226	< 5	-----	< 0.2	6.70	26	250	0.5	< 2	1.90	< 0.5	22	242	31	4.80	10	< 1	2.54	< 10	3.84
N300481	205	226	< 5	-----	< 0.2	4.36	6	190	< 0.5	< 2	1.51	< 0.5	15	100	34	3.72	10	< 1	1.69	< 10	2.45
N300482	205	226	10	-----	< 0.2	4.94	< 2	90	0.5	< 2	2.65	< 0.5	10	72	93	3.48	< 10	< 1	0.87	< 10	1.82
N300483	205	226	10	-----	0.2	1.62	8	80	0.5	< 2	1.68	< 0.5	5	26	12	2.29	< 10	< 1	0.40	10	0.50
N300484	205	226	10	-----	0.2	1.39	12	60	< 0.5	< 2	0.99	< 0.5	3	41	38	1.74	< 10	< 1	0.22	10	0.31
N300485	205	226	10	-----	0.2	1.64	64	60	< 0.5	< 2	0.92	< 0.5	3	53	40	1.28	< 10	< 1	0.22	10	0.34

CERTIFICATION: Stewart Buchan

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

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

Project : BENNETT
Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

Page Number :2-B
Total Pages :2
Certificate Date: 24-SEP-97
Invoice No. :19742815
P.O. Number :6109
Account :GP W

CERTIFICATE OF ANALYSIS A9742815

SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
N300468	205	226	435	1	0.29	5	780	2	2	4	94	0.15	< 10	< 10	88	< 10	36
N300469	205	226	385	1	0.36	33	860	6	< 2	6	127	0.11	< 10	< 10	86	< 10	34
N300470	205	226	435	1	0.47	10	630	6	2	9	158	0.10	< 10	< 10	107	< 10	48
N300471	205	226	805	1	0.47	8	680	6	2	11	165	0.09	< 10	< 10	108	< 10	60
N300472	205	226	330	2	0.31	10	540	2	2	6	111	0.08	< 10	< 10	80	< 10	32
N300473	205	226	780	1	0.42	14	700	4	2	14	113	0.15	< 10	< 10	155	< 10	66
N300474	205	226	305	6	0.25	18	470	6	< 2	7	63	0.09	< 10	< 10	70	< 10	36
N300475	205	226	480	1	0.50	7	610	4	2	9	115	0.13	< 10	< 10	81	< 10	52
N300476	205	226	510	2	0.50	9	580	4	< 2	9	100	0.16	< 10	< 10	83	< 10	46
N300477	205	226	285	1	0.29	18	430	2	2	8	81	0.10	< 10	< 10	42	< 10	34
N300478	205	226	500	< 1	0.40	102	670	2	2	17	179	0.17	< 10	< 10	99	< 10	76
N300479	205	226	640	1	0.50	98	310	4	2	22	347	0.19	< 10	< 10	138	< 10	92
N300480	205	226	655	< 1	0.37	53	600	< 2	2	16	151	0.17	< 10	< 10	135	< 10	88
N300481	205	226	440	1	0.31	50	990	< 2	< 2	6	92	0.13	< 10	< 10	76	< 10	64
N300482	205	226	430	2	0.50	38	1050	< 2	2	5	148	0.11	< 10	< 10	69	< 10	48
N300483	205	226	285	3	0.13	1	600	8	2	3	115	0.09	< 10	< 10	28	< 10	32
N300484	205	226	170	3	0.15	1	340	6	< 2	2	60	0.05	< 10	< 10	9	< 10	24
N300485	205	226	115	3	0.20	1	320	8	< 2	2	74	0.05	< 10	< 10	9	< 10	18

CERTIFICATION:

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

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

INVOICE NUMBER I9743224

BILLING INFORMATION

Date: 29-SEP-97
Project: BENNETT
P.O. No.: 6109
Account: GP W

Comments:

Billing: For analysis performed on Certificate A9743224

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

Please Remit Payments to:

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

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
19	205 - Geochem ring to approx 150 mesh	2.50		
	0-3 Kg crush and split	2.60		
	ICP-32	7.00		
	983 - Au ppb FA+AA	9.75	21.85	415.15

Total Cost $	415.15
Client Discount (25%) $	-103.79
Net Cost $	311.36
(Reg# R100938885) GST $	21.80
TOTAL PAYABLE (CDN) $	333.16

Chemex Labs Ltd.

Analytical Chemists * Geochemists * 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: BENNETT
Comments: ATTN:DAVID TERRY FAX CHRIS ROCKINGHAM

QC P. : 1-A
Tot QC Pg: 1
Date: 29-SEP-97
Invoice #: I9743224
P.O. #: 6109
GP W

QC DATA OF CERTIFICATE A9743224

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
G96-1GM	Std1	1	-----	4.6	3.62	70	560	0.5	< 2	1.62	1.5	16	63	181	4.42	< 10	< 1	0.30	10	0.81	935
CHEMEX MEAN	---	---	-----	4.4	3.65	64	601	< 0.5	< 2	1.60	1.0	16	66	177	4.41	< 10	< 1	0.30	10	0.80	927
TC-97	Std1	1	195	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	201	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
N300364	Dup	1-01	< 5	1.2	3.15	150	30	0.5	< 2	3.97	1.5	30	111	92	1.93	< 10	< 1	0.33	< 10	0.95	395
	Orig	1-01	< 5	1.2	3.05	158	30	0.5	< 2	3.74	1.5	29	106	88	1.84	< 10	< 1	0.32	< 10	0.92	375

CERTIFICATION: Stewart 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: BENNETT
Comments: ATTN:DAVID TERRY FAX CHRIS ROCKINGHAM

QC P. .r: 1-B
Tot QC Pg: 1
Date: 29-SEP-97
Invoice #: I9743224
P.O. #: 6109
GP W

QC DATA OF CERTIFICATE A9743224

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
G96-1GM	Std1	1	6	0.07	19	490	126	8	9	104	0.05	< 10	< 10	90	< 10	184
CHEMEX MEAN	---	---	9	0.07	20	520	120	4	10	102	0.06	< 10	< 10	102	< 10	186
TC-97	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
N300364	Dup	1-01	< 1	0.16	70	1660	28	8	3	209	0.09	< 10	< 10	59	< 10	54
	Orig	1-01	< 1	0.15	70	1610	24	6	3	210	0.10	< 10	< 10	59	< 10	50

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

A9743224

Comments: ATTN:DAVID TERRY FAX CHRIS ROCKINGHAM

CERTIFICATE A9743224

(GP W) - WESTMIN RESOURCES LTD.

Project: BENNETT
P.O. # : 6109

Samples submitted to our lab in Vancouver, BC.
This report was printed on 29-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	19	Geochem ring to approx 150 mesh
226	19	0-3 Kg crush and split
3202	19	Rock - save entire reject
229	19	ICP - AQ Digestion charge
* NOTE	1:	

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	19	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	19	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	19	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	19	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	19	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	19	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	19	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	19	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	19	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	19	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	19	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	19	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	19	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	19	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	19	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	19	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	19	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	19	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	19	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	19	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	19	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	19	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	19	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	19	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	19	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	19	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	19	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	19	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	19	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	19	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	19	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	19	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	19	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

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

Project : BENNETT
Comments: ATTN:DAVID TERRY FAX CHRIS ROCKINGHAM

Page Number :1-A
Total Pages :1
Certificate Date: 29-SEP-97
Invoice No. :I9743224
P.O. Number :6109
Account :GP W

CERTIFICATE OF ANALYSIS A9743224

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
N300364	205	226	< 5	1.2	3.05	158	30	0.5	< 2	3.74	1.5	29	106	88	1.84	< 10	< 1	0.32	< 10	0.92	375
N300365	205	226	< 5	1.4	1.25	332	< 10	< 0.5	< 2	8.53	1.5	40	235	130	1.78	< 10	< 1	0.26	< 10	1.66	760
N300366	205	226	< 5	1.4	5.99	292	100	< 0.5	< 2	3.06	1.5	23	89	333	6.64	10	< 1	1.52	< 10	2.66	705
N300367	205	226	205	1.8	2.45	>10000	30	< 0.5	< 2	1.67	8.5	69	30	66	7.79	10	< 1	0.15	< 10	1.82	605
N300368	205	226	10	0.2	1.43	2390	50	< 0.5	< 2	0.85	< 0.5	9	74	37	2.29	< 10	< 1	0.35	< 10	0.88	235
N300369	205	226	10	0.2	4.06	286	110	< 0.5	< 2	1.04	< 0.5	18	31	97	5.51	10	< 1	1.41	< 10	1.28	430
N300370	205	226	< 5	0.2	3.02	2790	110	< 0.5	< 2	0.79	< 0.5	13	86	131	4.44	10	< 1	1.45	< 10	1.67	390
N300371	205	226	< 5	0.6	5.00	770	120	< 0.5	< 2	1.65	< 0.5	21	263	248	5.91	10	< 1	1.70	< 10	1.94	445
N300416	205	226	15	1.4	5.36	356	110	0.5	< 2	5.35	1.0	21	137	150	3.30	10	< 1	1.03	< 10	1.78	695
N300417	205	226	70	< 0.2	5.59	>10000	120	< 0.5	< 2	1.82	< 0.5	27	66	15	6.37	10	< 1	1.84	< 10	2.42	525
N300431	205	226	5	0.6	7.19	1715	200	0.5	< 2	5.65	0.5	27	86	217	5.89	10	< 1	2.12	< 10	3.02	930
N300432	205	226	< 5	< 0.2	6.80	50	150	< 0.5	< 2	2.07	1.0	7	79	24	5.60	20	< 1	3.34	< 10	4.23	745
N300433	205	226	50	0.8	6.68	>10000	140	0.5	< 2	4.75	< 0.5	50	79	130	6.82	10	< 1	2.08	< 10	2.93	865
N300434	205	226	20	0.2	6.25	214	130	0.5	< 2	2.21	1.0	11	61	96	5.77	10	< 1	2.40	< 10	3.65	680
N300435	205	226	1320	30.4	2.41	>10000	10	< 0.5	212	2.35	>100.0	117	119	11	12.15	10	< 1	0.19	< 10	1.85	390
N300436	205	226	175	1.8	3.81	>10000	50	< 0.5	4	2.02	< 0.5	55	52	5	7.12	10	< 1	0.55	< 10	2.73	525
N300437	205	226	5	0.6	4.15	916	140	< 0.5	< 2	1.65	0.5	18	237	84	4.74	10	1	1.81	< 10	2.68	525
N300438	205	226	< 5	0.2	2.99	892	110	< 0.5	< 2	1.16	0.5	14	127	31	2.83	< 10	< 1	1.12	< 10	1.48	340
N300439	205	226	10	5.4	1.49	290	10	< 0.5	< 2	12.90	3.5	12	152	385	2.05	< 10	< 1	0.19	< 10	2.48	935

CERTIFICATION: Stan D.

Chemex Labs Ltd.

Analytical Chemists * Geochemists * 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 : BENNETT
Comments: ATTN:DAVID TERRY FAX CHRIS ROCKINGHAM

Certificate Date: 29-SEP-97
Invoice No. : I9743224
P.O. Number : 6109
Account : GP W

CERTIFICATE OF ANALYSIS A9743224

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
N300364	205	226	< 1	0.15	70	1610	24	6	3	210	0.10	< 10	< 10	59	< 10	50
N300365	205	226	8	0.01	282	260	12	6	1	112	0.05	< 10	< 10	25	< 10	36
N300366	205	226	< 1	0.44	45	830	14	4	16	191	0.23	< 10	< 10	210	< 10	110
N300367	205	226	< 1	0.03	30	670	16	130	12	26	0.04	< 10	< 10	133	< 10	136
N300368	205	226	5	0.04	23	530	6	10	5	56	0.04	< 10	< 10	58	< 10	34
N300369	205	226	< 1	0.19	20	940	6	2	16	118	0.13	< 10	< 10	159	10	60
N300370	205	226	< 1	0.13	30	870	2	2	16	73	0.14	< 10	< 10	161	10	62
N300371	205	226	< 1	0.33	58	1040	6	6	18	214	0.15	< 10	< 10	224	< 10	74
N300416	205	226	< 1	0.25	55	1170	16	6	4	287	0.11	< 10	< 10	118	< 10	74
N300417	205	226	< 1	0.44	24	780	2	20	19	228	0.06	< 10	< 10	231	< 10	86
N300431	205	226	< 1	0.38	42	1050	8	< 2	12	352	0.24	< 10	< 10	213	< 10	104
N300432	205	226	< 1	0.46	36	1330	6	2	19	191	0.27	< 10	< 10	248	< 10	140
N300433	205	226	< 1	0.40	55	970	12	24	9	297	0.05	< 10	< 10	188	< 10	104
N300434	205	226	< 1	0.41	38	1410	6	< 2	16	204	0.23	< 10	< 10	237	< 10	120
N300435	205	226	17	< 0.01	72	580	274	386	6	60	0.03	< 10	< 10	99	< 10	88
N300436	205	226	16	0.15	64	1370	24	96	10	111	0.06	< 10	< 10	174	< 10	88
N300437	205	226	33	0.19	72	1020	8	4	16	208	0.16	< 10	< 10	169	< 10	84
N300438	205	226	10	0.16	52	680	8	6	9	80	0.11	< 10	< 10	102	< 10	44
N300439	205	226	17	0.01	50	390	20	16	5	185	0.03	< 10	< 10	52	< 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

A9743224

Comments: ATTN:DAVID TERRY FAX CHRIS ROCKINGHAM

CERTIFICATE A9743224

(GP W) - WESTMIN RESOURCES LTD.

Project: BENNETT
P.O. # : 6109

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

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	19	Geochem ring to approx 150 mesh
226	19	0-3 Kg crush and split
3202	19	Rock - save entire reject
229	19	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	19	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	19	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	19	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	19	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	19	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	19	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	19	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	19	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	19	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	19	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	19	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	19	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	19	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	19	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	19	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	19	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	19	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	19	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	19	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	19	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	19	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	19	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	19	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	19	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	19	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	19	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	19	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	19	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	19	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	19	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	19	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	19	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	19	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

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

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

Project : BENNETT
Comments: ATTN:DAVID TERRY FAX CHRIS ROCKINGHAM

Page Number :1-A
Total Pages :1
Certificate Date: 29-SEP-97
Invoice No. :19743224
P.O. Number :6109
Account :GP W

* CORRECTED COPY

CERTIFICATE OF ANALYSIS A9743224

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
N300364	205	226	< 5	1.2	3.05	158	30	0.5	< 2	3.74	1.5	29	106	88	1.84	< 10	< 1	0.32	< 10	0.92	375
N300365	205	226	< 5	1.4	1.25	332	< 10	< 0.5	< 2	8.53	1.5	40	235	130	1.78	< 10	< 1	0.26	< 10	1.66	760
N300366	205	226	< 5	1.4	5.99	292	100	< 0.5	< 2	3.06	1.5	23	89	333	6.64	10	< 1	1.52	< 10	2.66	705
N300367	205	226	205	1.8	2.45	>10000	30	< 0.5	< 2	1.67	8.5	69	30	66	7.79	10	< 1	0.15	< 10	1.82	605
N300368	205	226	10	0.2	1.43	2390	50	< 0.5	< 2	0.85	< 0.5	9	74	37	2.29	< 10	< 1	0.35	< 10	0.88	235
N300369	205	226	10	0.2	4.06	286	110	< 0.5	< 2	1.04	< 0.5	18	31	97	5.51	10	< 1	1.41	< 10	1.28	430
N300370	205	226	< 5	0.2	3.02	2790	110	< 0.5	< 2	0.79	< 0.5	13	86	131	4.44	10	< 1	1.45	< 10	1.67	390
N300371	205	226	< 5	0.6	5.00	770	120	< 0.5	< 2	1.65	< 0.5	21	263	248	5.91	10	< 1	1.70	< 10	1.94	445
N300416	205	226	15	1.4	5.36	356	110	0.5	< 2	5.35	1.0	21	137	150	3.30	10	< 1	1.03	< 10	1.78	695
N300417	205	226	70	< 0.2	5.59	>10000	120	< 0.5	< 2	1.82	< 0.5	27	66	15	6.37	10	< 1	1.84	< 10	2.42	525
N300431	205	226	5	0.6	7.19	1715	200	0.5	< 2	5.65	0.5	27	86	217	5.89	10	< 1	2.12	< 10	3.02	930
N300432	205	226	< 5	< 0.2	6.80	50	150	< 0.5	< 2	2.07	1.0	7	79	24	5.60	20	< 1	3.34	< 10	4.23	745
N300433	205	226	50	0.8	6.68	>10000	140	0.5	< 2	4.75	< 0.5	50	79	130	6.82	10	< 1	2.08	< 10	2.93	865
N300434	205	226	20	0.2	6.25	214	130	0.5	< 2	2.21	1.0	11	61	96	5.77	10	< 1	2.40	< 10	3.65	680
N300435	205	226	1320	30.4	2.41	>10000	10	< 0.5	212	2.35	< 0.5	117	119	11	12.15	10	< 1	0.19	< 10	1.85	390
N300436	205	226	175	1.8	3.81	>10000	50	< 0.5	4	2.02	< 0.5	55	52	5	7.12	10	< 1	0.55	< 10	2.73	525
N300437	205	226	5	0.6	4.15	916	140	< 0.5	< 2	1.65	0.5	18	237	84	4.74	10	1	1.81	< 10	2.68	525
N300438	205	226	< 5	0.2	2.99	892	110	< 0.5	< 2	1.16	0.5	14	127	31	2.83	< 10	< 1	1.12	< 10	1.48	340
N300439	205	226	10	5.4	1.49	290	10	< 0.5	< 2	12.90	3.5	12	152	385	2.05	< 10	< 1	0.19	< 10	2.48	935

CERTIFICATION: [signature]

* FOR Cd on sample N300435

Chemex Labs Ltd.

Analytical Chemists * Geochemists * 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 : BENNETT
Comments: ATTN:DAVID TERRY FAX CHRIS ROCKINGHAM

Page ber :1-B
Total Pages :1
Certificate Date: 29-SEP-97
Invoice No. :19743224
P.O. Number :6109
Account :GP W

* CORRECTED COPY

CERTIFICATE OF ANALYSIS A9743224

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
N300364	205 226	< 1	0.15	70	1610	24	6	3	210	0.10	< 10	< 10	59	< 10	50
N300365	205 226	8	0.01	282	260	12	6	1	112	0.05	< 10	< 10	25	< 10	36
N300366	205 226	< 1	0.44	45	830	14	4	16	191	0.23	< 10	< 10	210	< 10	110
N300367	205 226	< 1	0.03	30	670	16	130	12	26	0.04	< 10	< 10	133	< 10	136
N300368	205 226	5	0.04	23	530	6	10	5	56	0.04	< 10	< 10	58	< 10	34
N300369	205 226	< 1	0.19	20	940	6	2	16	118	0.13	< 10	< 10	159	10	60
N300370	205 226	< 1	0.13	30	870	2	2	16	73	0.14	< 10	< 10	161	10	62
N300371	205 226	< 1	0.33	58	1040	6	6	18	214	0.15	< 10	< 10	224	< 10	74
N300416	205 226	< 1	0.25	55	1170	16	6	4	287	0.11	< 10	< 10	118	< 10	74
N300417	205 226	< 1	0.44	24	780	2	20	19	228	0.06	< 10	< 10	231	< 10	86
N300431	205 226	< 1	0.38	42	1050	8	< 2	12	352	0.24	< 10	< 10	213	< 10	104
N300432	205 226	< 1	0.46	36	1330	6	2	19	191	0.27	< 10	< 10	248	< 10	140
N300433	205 226	< 1	0.40	55	970	12	24	9	297	0.05	< 10	< 10	188	< 10	104
N300434	205 226	< 1	0.41	38	1410	6	< 2	16	204	0.23	< 10	< 10	237	< 10	120
N300435	205 226	17	< 0.01	72	580	274	386	6	60	0.03	< 10	< 10	99	< 10	88
N300436	205 226	16	0.15	64	1370	24	96	10	111	0.06	< 10	< 10	174	< 10	88
N300437	205 226	33	0.19	72	1020	8	4	16	208	0.16	< 10	< 10	169	< 10	84
N300438	205 226	10	0.16	52	680	8	6	9	80	0.11	< 10	< 10	102	< 10	44
N300439	205 226	17	0.01	50	390	20	16	5	185	0.03	< 10	< 10	52	< 10	72

CERTIFICATION: Stan Bridges

* FOR Cd on sample N300435

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

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

INVOICE NUMBER I9744217

BILLING INFORMATION

Date: 30-SEP-97
Project: BENNETT
P.O. No.: 6109
Account: GP W

Comments: ATTN: DAVID TERRY VANCOUVER OFFICE

Billing: For analysis performed on Certificate A9744217

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

Please Remit Payments to:

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

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
1	244 - Pulp; prev. prepared at Chemex	0.00		
	331 - As %	12.50	12.50	12.50

Total Cost $	12.50
Client Discount (25%) $	-3.13
Net Cost $	9.37
(Reg# R100938885) GST $	0.66
TOTAL PAYABLE (CDN) $	10.03

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

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

A9744217

Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

CERTIFICATE A9744217

(GP W) - WESTMIN RESOURCES LTD.

Project: BENNETT
P.O. # : 6109

Samples submitted to our lab in Vancouver, BC.
This report was printed on 29-SEP-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	1	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
331	1	As %: HClO4-HNO3 digestion	AAS	0.01	100.0

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

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

Page Number : 1
Total Pages : 1
Certificate Date: 29-SEP-97
Invoice No. : I9744217
P.O. Number : 6109
Account : GP W

Project : BENNETT
Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

CERTIFICATE OF ANALYSIS A9744217

SAMPLE	PREP CODE		As %
N300500	244	--	1.64

CERTIFICATION: [signature]

Chemex Labs Ltd.

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

To: WESTMIN RESOURCES LTD.

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

INVOICE NUMBER I9744841

BILLING INFORMATION

Date: 3-OCT-97
Project: BENNETT
P.O. No.: 6109
Account: GP W

Comments: ATTN: DAVID TERRY VANCOUVER OFFICE

Billing: For analysis performed on Certificate A9744841

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

Please Remit Payments to:

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

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
1	244 - Pulp; prev. prepared at Chemex 331 - As %	0.00 12.50	12.50	12.50

Total Cost $	12.50
Client Discount (25%) $	-3.13
Net Cost $	9.37
(Reg# R100938885) GST $	0.66
TOTAL PAYABLE (CDN) $	10.03

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

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

A9744841

Comments: ATTN: DAVID TERRY FAX: CHRIS ROCKINGHAM

CERTIFICATE A9744841

(GP W) - WESTMIN RESOURCES LTD.

Project: BENNETT
P.O.#: 6109

Samples submitted to our lab in Vancouver, BC.
This report was printed on 2-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	1	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
331	1	As %: HClO4-HNO3 digestion	AAS	0.01	100.0

Chemex Labs Ltd.

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Page . ber :1
Total Pages :1
Certificate Date: 02-OCT-97
Invoice No. :19744841
P.O. Number :6109
Account :GP W

CERTIFICATE OF ANALYSIS A9744841

SAMPLE	PREP CODE		As %
N300464	244	--	1.74

CERTIFICATION: Said Leinad

Chemex Labs Ltd.

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

S: WESTMIN RESOURCES LTD.

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

INVOICE NUMBER I 9 7 4 4 8 4 5

BILLING INFORMATION

Date: 8-OCT-97
Project: BENNETT
P.O. No.: 6109
Account: GP W

Comments:

Billing: For analysis performed on
Certificate A9744845

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

Please Remit Payments to:

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

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
5	244 - Pulp; prev. prepared at Chemex	0.00		
	331 - As %	12.50	12.50	62.50

Total Cost $	62.50
Client Discount (25%) $	-15.63
Net Cost $	46.87
(Reg# R100938885) GST $	3.28
TOTAL PAYABLE (CDN) $	50.15

Chemex Labs Ltd.

Analytical Chemists * Geochemists * 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

A9744845

Comments: ATTN:DAVID TERRY FAX CHRIS ROCKINGHAM

CERTIFICATE A9744845

(GP W) - WESTMIN RESOURCES LTD.

Project: BENNETT
P.O. # : 6109

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

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	5	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
331	5	As %: HClO4-HNO3 digestion	AAS	0.01	100.0

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

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

Project : BENNETT
Comments: ATTN:DAVID TERRY FAX CHRIS ROCKINGHAM

Page Number :1
Total Pages :1
Certificate Date: 08-OCT-97
Invoice No. :I9744845
P.O. Number :6109
Account :GP W

CERTIFICATE OF ANALYSIS A9744845

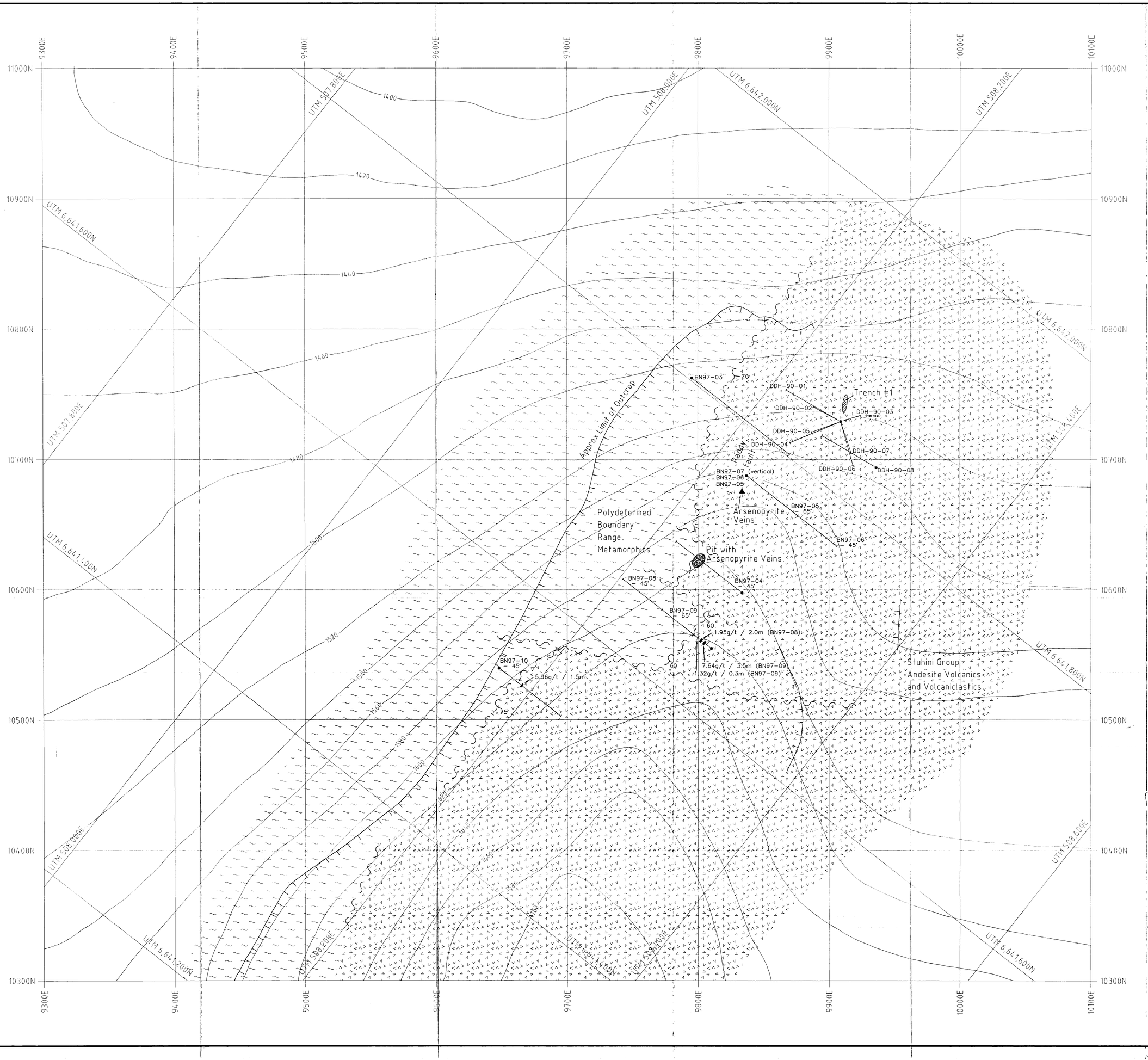
SAMPLE	PREP CODE		As %
N300367	244	--	5.63
N300417	244	--	3.56
N300433	244	--	2.33
N300435	244	--	15.00
N300436	244	--	4.20

CERTIFICATION: _____

APPENDIX F

OVERSIZE FIGURES

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
25,417
UTM GRID NORTH
BENNETT LAKE
TUTSHI LAKE
Bennett Grid
Moraine
Trace of IP Anomaly
ZONE OF STRONG DEFORMATION
Skarn Zone
Cowboy Zone
Camp
BEN FAULT
VIPER FAULT
PADDY FAULT
LLEWELLYN FAULT
PLATEAU CREEK
BEN CREEK
ROAD CROSS CREEK
COWBOY CREEK
Klondike Highway
PADDY PASS
BN-97-01
BN-97-02
BN-97-04
BN-97-05, 06, 07
BN-97-08, 09
BN-97-10
90-01, 07
90-08
90-09, 10
90-11
Au,Sb,Ag
LEGEND
LAYERED ROCKS
QUATERNARY
UPPER CRETACEOUS (?)
MONTANA MOUNTAIN VOLCANICS
MIDDLE TO UPPER JURASSIC (?)
LOWER JURASSIC
UPPER TRIASSIC
PALEOZOIC (?) TO UPPERMOST TRIASSIC
PALEOZOIC TO PROTEROZOIC (?)
MISSISSIPPIAN
NAKINA FORMATION (?)
INTRUSIVE ROCKS
UPPER CRETACEOUS
COAST INTRUSIONS
CRETACEOUS
MIDDLE TO UPPER JURASSIC
TRIASSIC (?)
MESOZOIC
PALEOZOIC TO TRIASSIC (?)
SYMBOLS
Sources of data:
Mihalynuk & Rouse (1998a,b); Davis (1989, Assess. Rep. 19, 527); Lhotka & Olsen (1983; Assess. Rep. 12, 554); Copland (1982; Assess. Rep. 11, 044); Neelands & Holmgren (1982; Assess. Rep. 10, 427); Blanchflower (1990; Assess. Rep. 20, 581); Duke (1993; Assess. Rep. 23, 218); Bidwell (1994; Assess. Rep. 23, 550)
WESTMIN
Westmin Resources Limited
Work By
S. Rowins & D. Terry
Date Drafted
Jan. 15, 1997
Drafted By
J.M. Klein
Date Revised
Revised By
N.T.S. Number
104 M/15
File Name
BENCOMP
BENNETT PROJECT
COMPILATION GEOLOGY and STRUCTURE
SCALE 1 : 10,000
Figure
6.1



DDH-90-08 Diamond Drill Hole

Fault/Fracture Zones

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,417

For Detailed Geology See Rohins (1990)

Westmin Resources Limited

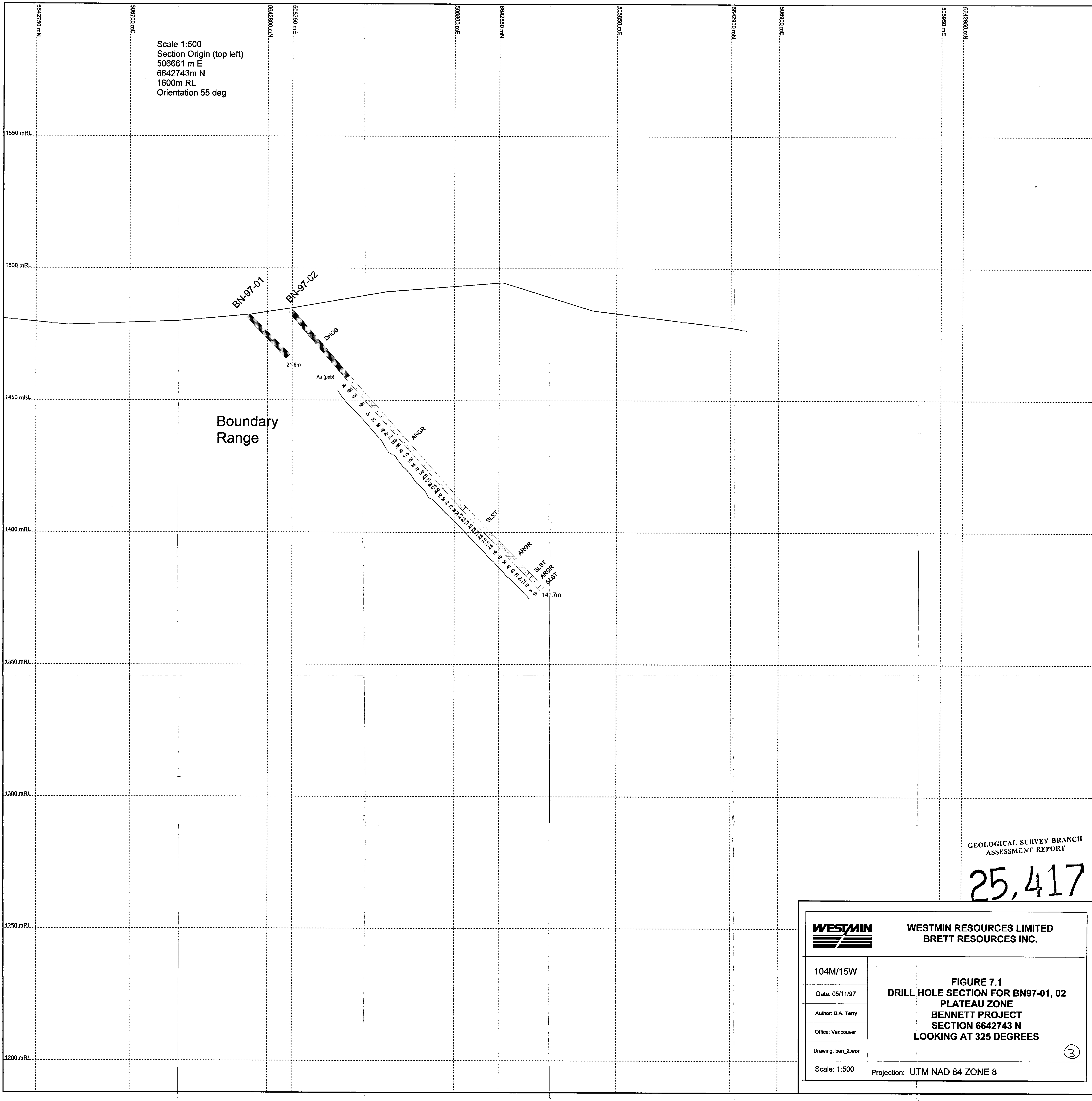
Work By	D. Terry & G-man
Date Drafted	Jan. 24, 1997
Drafted By	J.M. Klein
Date Revised	
Revised By	
N.T.S. Number	104 M/15
File Name	SKARNCMP

BENNETT PROJECT
SKARN ZONE

Compilation Map with
Drill Hole Locations (2)

20 0 20 40 60m
SCALE 1 : 1,000

Figure 6.2



GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

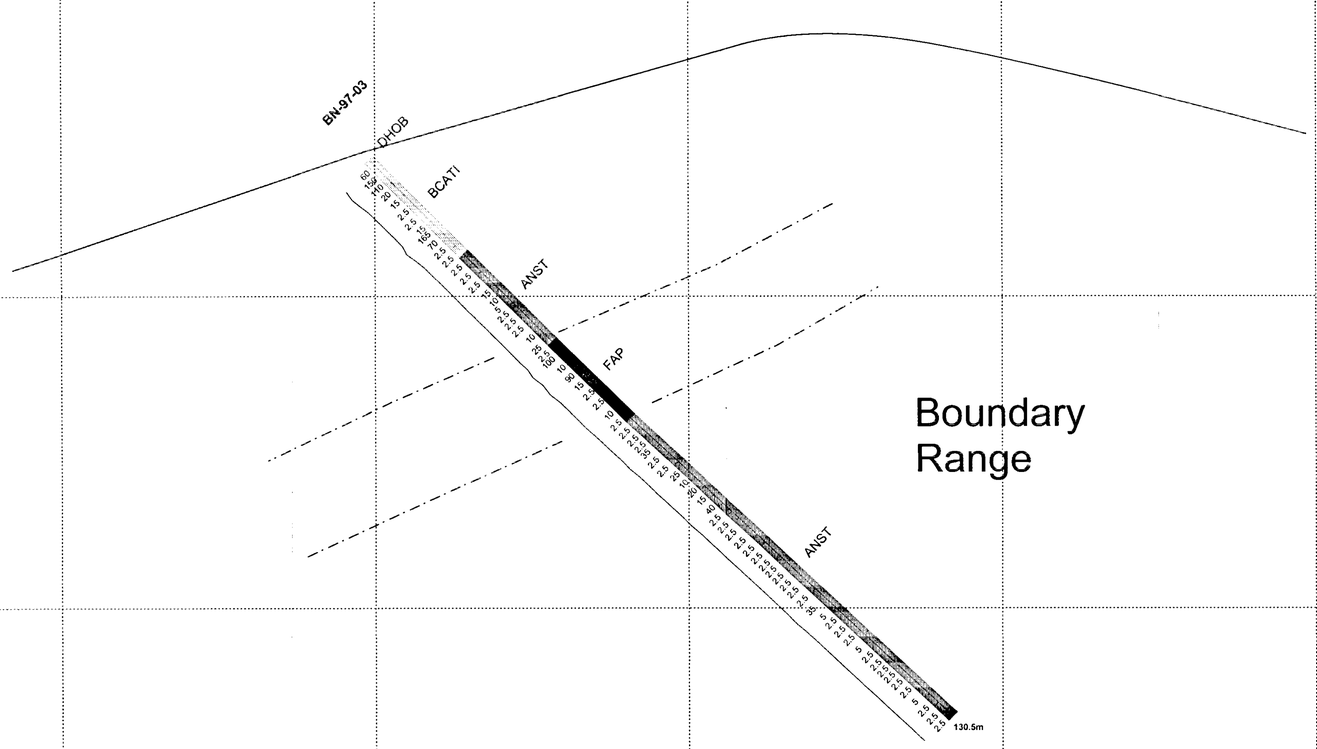
25,417

WESTMIN	WESTMIN RESOURCES LIMITED BRETT RESOURCES INC.
104M/15W	**FIGURE 7.1** **DRILL HOLE SECTION FOR BN97-01, 02** **PLATEAU ZONE** **BENNETT PROJECT** **SECTION 6642743 N** **LOOKING AT 325 DEGREES**
Date: 05/11/97	
Author: D.A. Terry	
Office: Vancouver	
Drawing: ben_2.wor	(3)
Scale: 1:500	Projection: UTM NAD 84 ZONE 8

Scale 1:500
Section Origin (top left)
508000 m E
6641800m N
1700m RL
Orientation 90 deg

508000 mE 508050 mE 508100 mE 508150 mE 508200 mE 508250 mE 508300 mE 508350 mE 508400 mE

1650 mRL
1600 mRL
1550 mRL
1500 mRL
1450 mRL
1400 mRL
1350 mRL
1300 mRL



Boundary
Range

WESTMIN

WESTMIN RESOURCES LIMITED
BRETT RESOURCES INC.

104M/15W

Date: 05/11/97

Author: D.A. Terry

Office: Vancouver

Drawing: ben_2.wor

Scale: 1:500

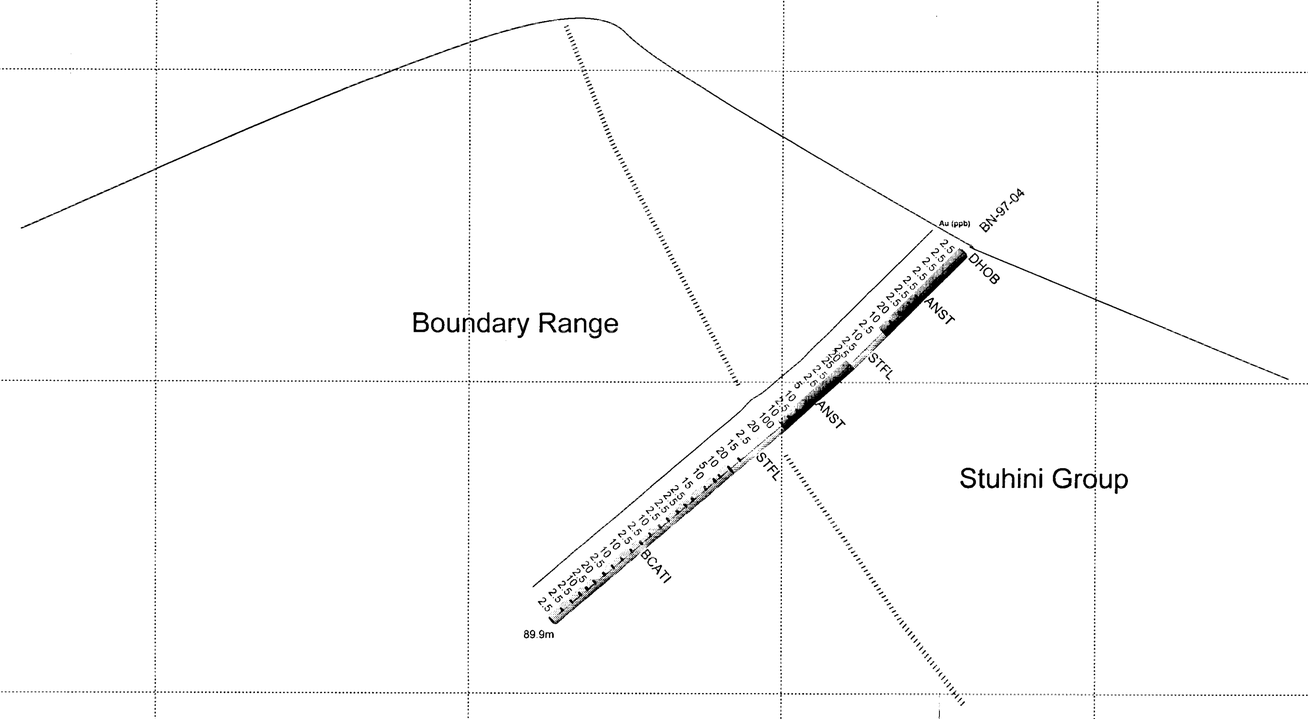
FIGURE 7.2
DRILL HOLE SECTION FOR BN97-03
SKARN ZONE
BENNETT PROJECT
SECTION 6641800 N
LOOKING NORTH

Projection: UTM NAD 84 ZONE 8

Scale 1:500
Section Origin (top left)
508000 m E
6641700m N
1700m RL
Orientation 90 deg

508000 mE | 508050 mE | 508100 mE | 508150 mE | 508200 mE | 508250 mE | 508300 mE | 508350 mE | 508400 mE

1650 mRL
1600 mRL
1550 mRL
1500 mRL
1450 mRL
1400 mRL
1350 mRL
1300 mRL



WESTMIN

WESTMIN RESOURCES LIMITED
BRETT RESOURCES INC.

104M/15W

Date: 05/11/97

Author: D.A. Terry

Office: Vancouver

Drawing: ben_2.wor

Scale: 1:500

FIGURE 7.3
DRILL HOLE SECTION FOR BN97-04
SKARN ZONE
BENNETT PROJECT
SECTION 6641700 N
LOOKING NORTH

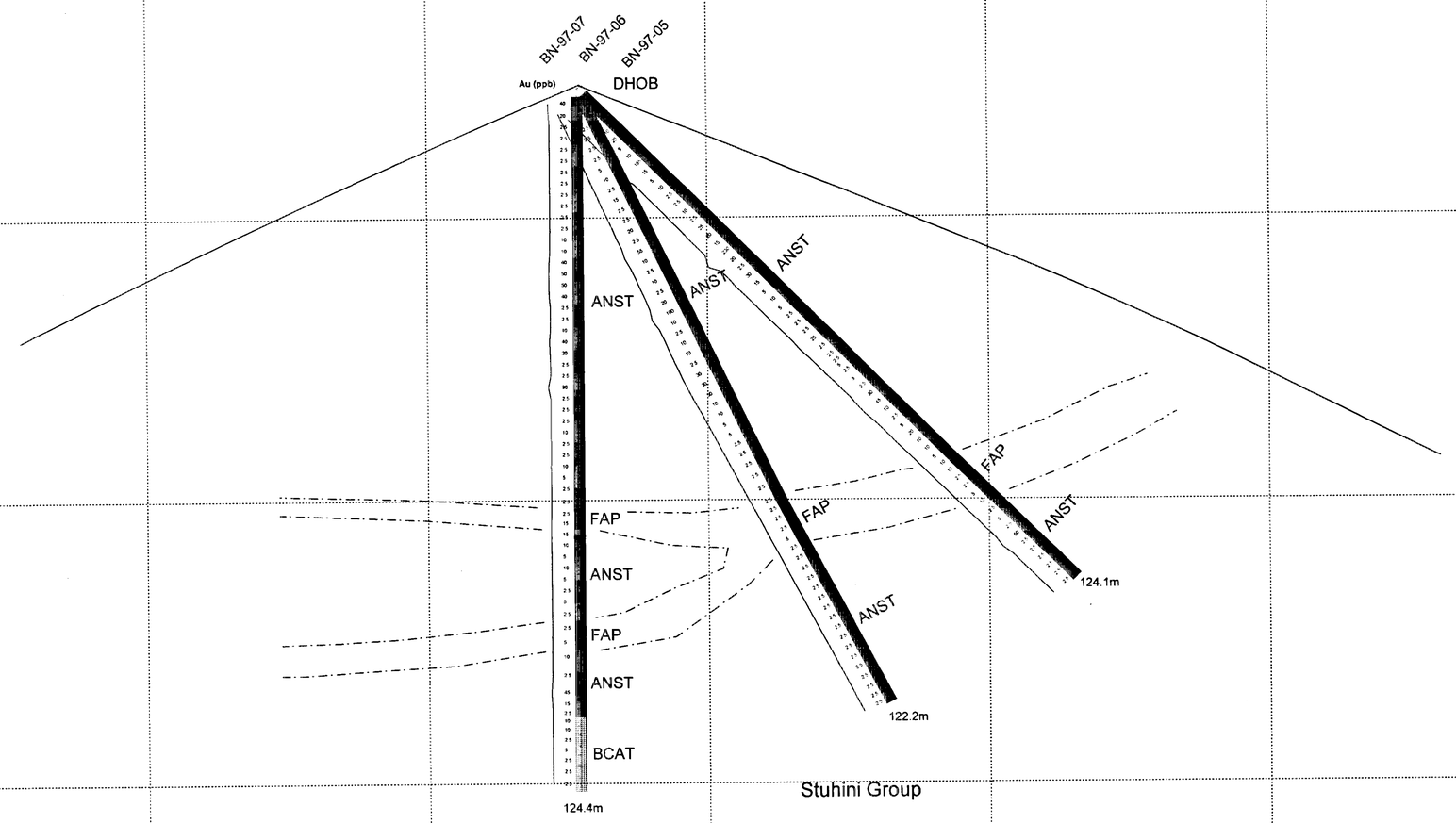
(5)

Projection: UTM NAD 84 ZONE 8

508000 mE | 508050 mE | 508100 mE | 508150 mE | 508200 mE | 508250 mE | 508300 mE | 508350 mE | 508400 mE

Scale 1:500
Section Origin (top left)
508000 m E
6641770m N
1700m RL
Orientation 90 deg

1650 mRL
1600 mRL
1550 mRL
1500 mRL
1450 mRL
1400 mRL
1350 mRL
1300 mRL



WESTMIN

WESTMIN RESOURCES LIMITED
BRETT RESOURCES INC.

104M/15W

Date: 05/11/97

Author: D.A. Terry

Office: Vancouver

Drawing: ben_2.wor

Scale: 1:500

Projection: UTM NAD 84 ZONE 8

FIGURE 7.4
DRILL HOLE SECTION FOR
BN97-05, 06, 07
SKARN ZONE
BENNETT PROJECT
SECTION 6641770 N
LOOKING NORTH

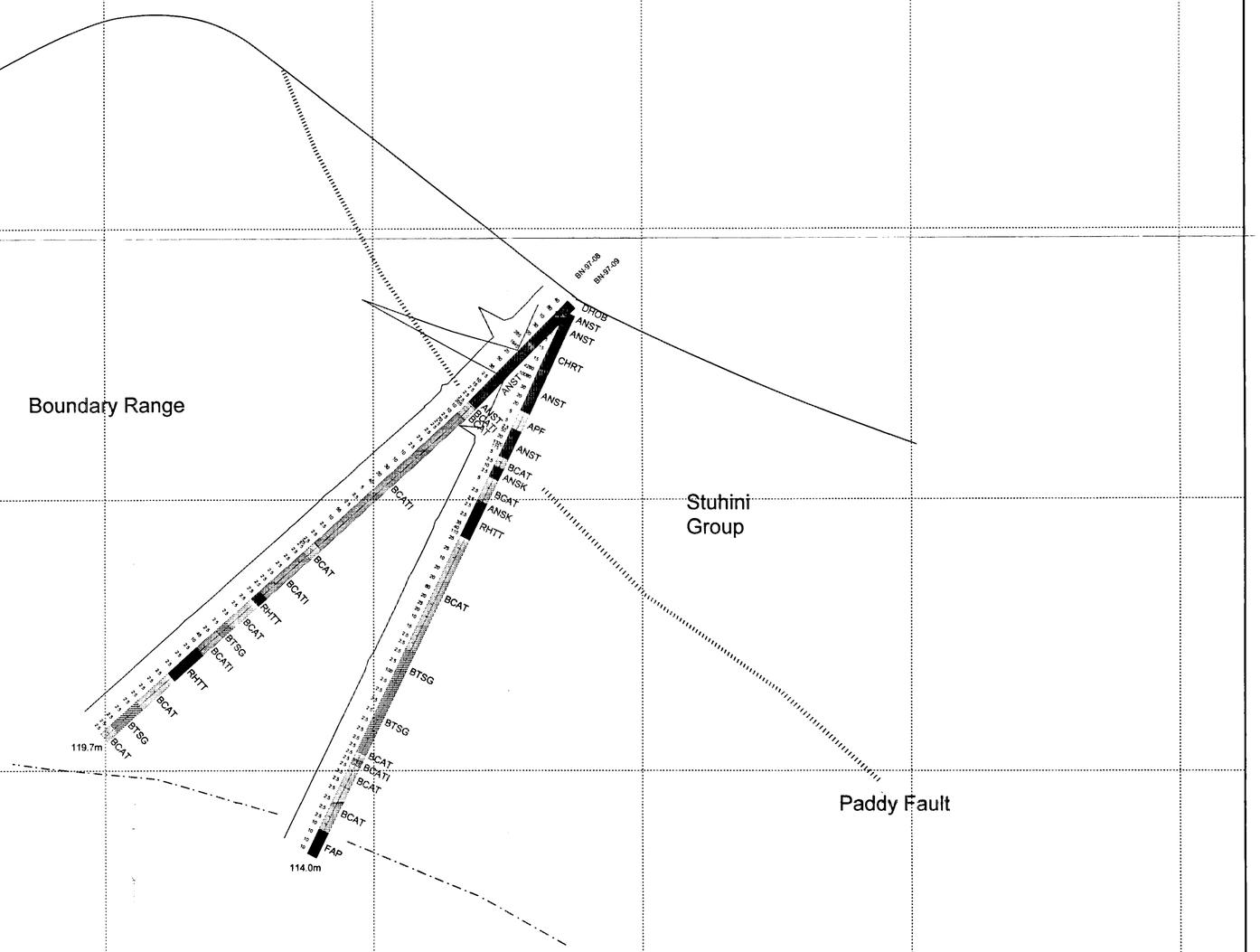
25,417

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

Scale 1:500
Section Origin (top left)
508000 m E
6641650m N
1700m RL
Orientation 90 deg

508000 mE | 508050 mE | 508100 mE | 508150 mE | 508200 mE | 508250 mE | 508300 mE | 508350 mE | 508400 mE

1650 mRL
1600 mRL
1550 mRL
1500 mRL
1450 mRL
1400 mRL
1350 mRL
1300 mRL



GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
25,417

WESTMIN

WESTMIN RESOURCES LIMITED
BRETT RESOURCES INC.

(7)

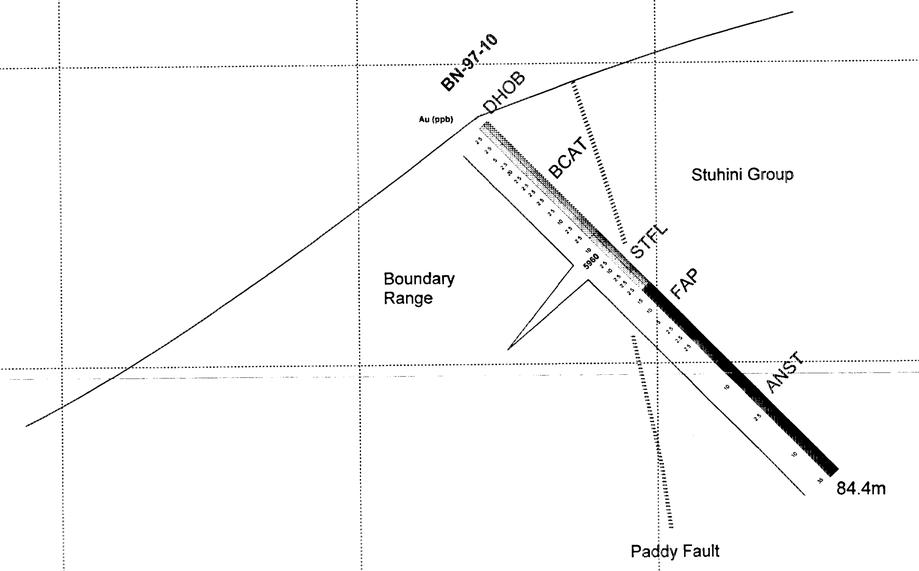
104M/15W

Date: 05/11/97
Author: D.A. Terry
Office: Vancouver
Drawing: ben_2.wor

FIGURE 7.5
DRILL HOLE SECTION FOR BN97-08, 09
SKARN ZONE
BENNETT PROJECT
SECTION 6641650 N
LOOKING NORTH

Scale: 1:500
Projection: UTM NAD 84 ZONE 8

Scale 1:500
Section Origin (top left)
508000 m E
6641540m N
1700m RL
Orientation 90 deg



508000 mE
508050 mE
508100 mE
508150 mE
508200 mE
508250 mE
508300 mE
508350 mE
508400 mE

1650 mRL
1600 mRL
1550 mRL
1500 mRL
1450 mRL
1400 mRL
1350 mRL
1300 mRL

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,417

WESTMIN

WESTMIN RESOURCES LIMITED
BRETT RESOURCES INC.

104M/15W

Date: 05/11/97

Author: D.A. Terry

Office: Vancouver

Drawing: ben_2 wor

FIGURE 7.6
DRILL HOLE SECTION FOR BN97-10
SKARN ZONE
BENNETT PROJECT
SECTION 6641540 N
LOOKING NORTH

(8)

Scale: 1:500

Projection: UTM NAD 84 ZONE 8