REPORT ON UNDERGROUND DIAMOND DRILLING TUNNEL 3 GROUP

Claims: Debbie 1 (451); Debbie 3 (453); Lucy 2 (373)
Oets 2 (507); Stokes (1306)

Mining Division: Alberni & Nanaimo (Lucy 2)

NTS: 92F/2E & 92F/7E

Longitude: 49° 12'N Latitude: 124° 39'W

Owners : Westmin Resources Limited (50%)
Nexus Resource Corporation (50%)

Operators: Westmin Resources Limited (50%)
Nexus Resource Corporation (50%)

Author: Heather Oiye
Edward M. Lyons

Submitted: July 31, 1989

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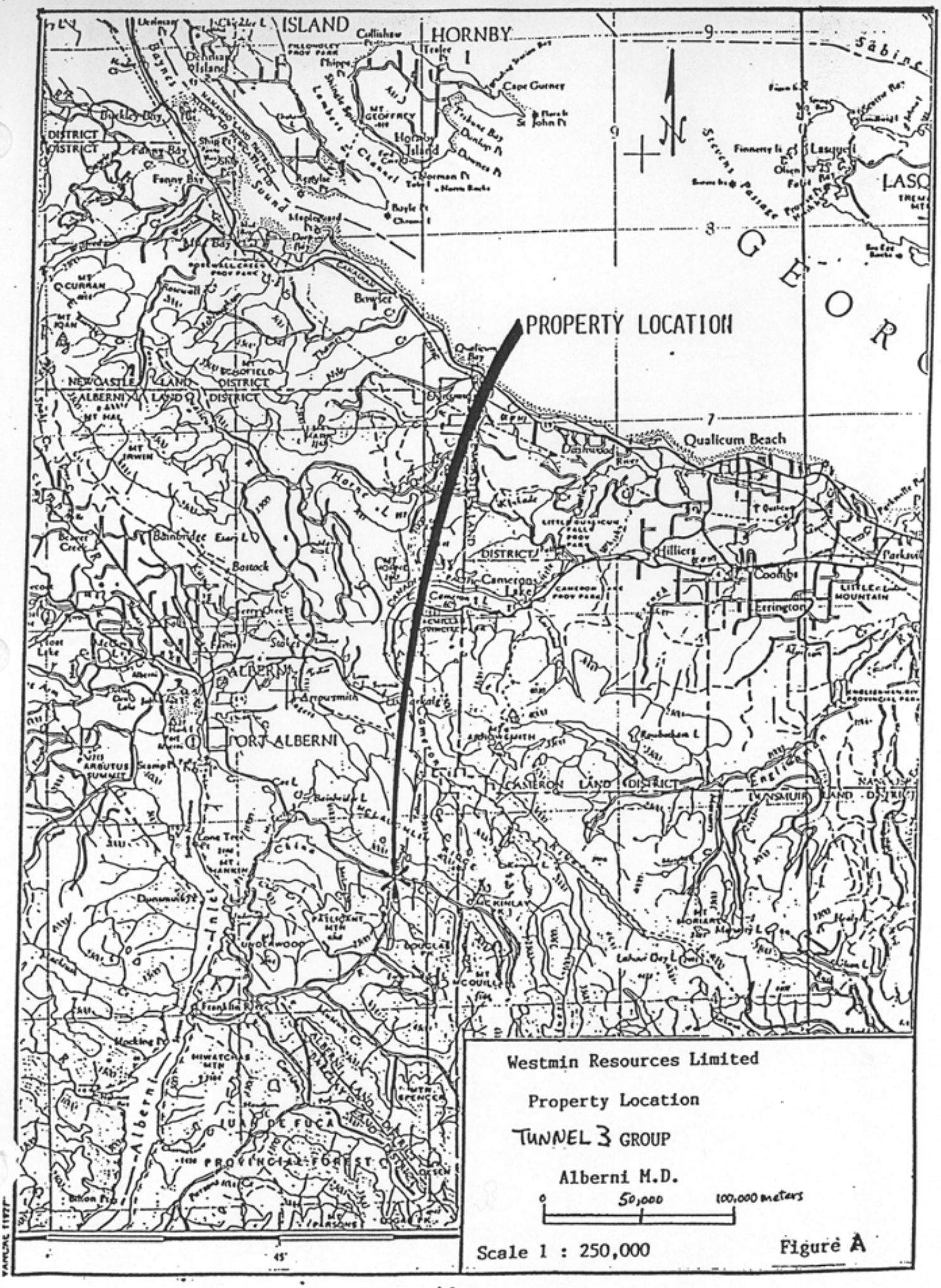
1 Summary

Underground drilling in the Debbie-Yellow exploration tunnel was conducted between 25 November 1988 and 18 January 1989. During this period, four drillholes totalling 1228.06 metres, were completed.

The purpose of drilling was to test the Mineral Creek/Yellow Creeks fault zone for gold mineralization and to intersect areas of anomalous gold values first encountered in the 1987 surface drilling program.

Gold values ranged from <100 ppb to a high of 0.577 oz/ton. No significant assay results were returned from the fault zone. Anomalous gold values were found to be associated with quartz veins in "argillaceous" cherts lying near the fault zone. Visible gold was observed in a moderately altered, "argillaceous" chert intersected in DU159-88.

The underground drill program shut down before completion because of environmental reasons.


PROPERTY LOCATION
Westmin Resources Limited
Property Location
TUNNEL 3 GROUP
Alberni M.D.
0 50,000 100,000 meters
Scale 1 : 250,000
Figure A

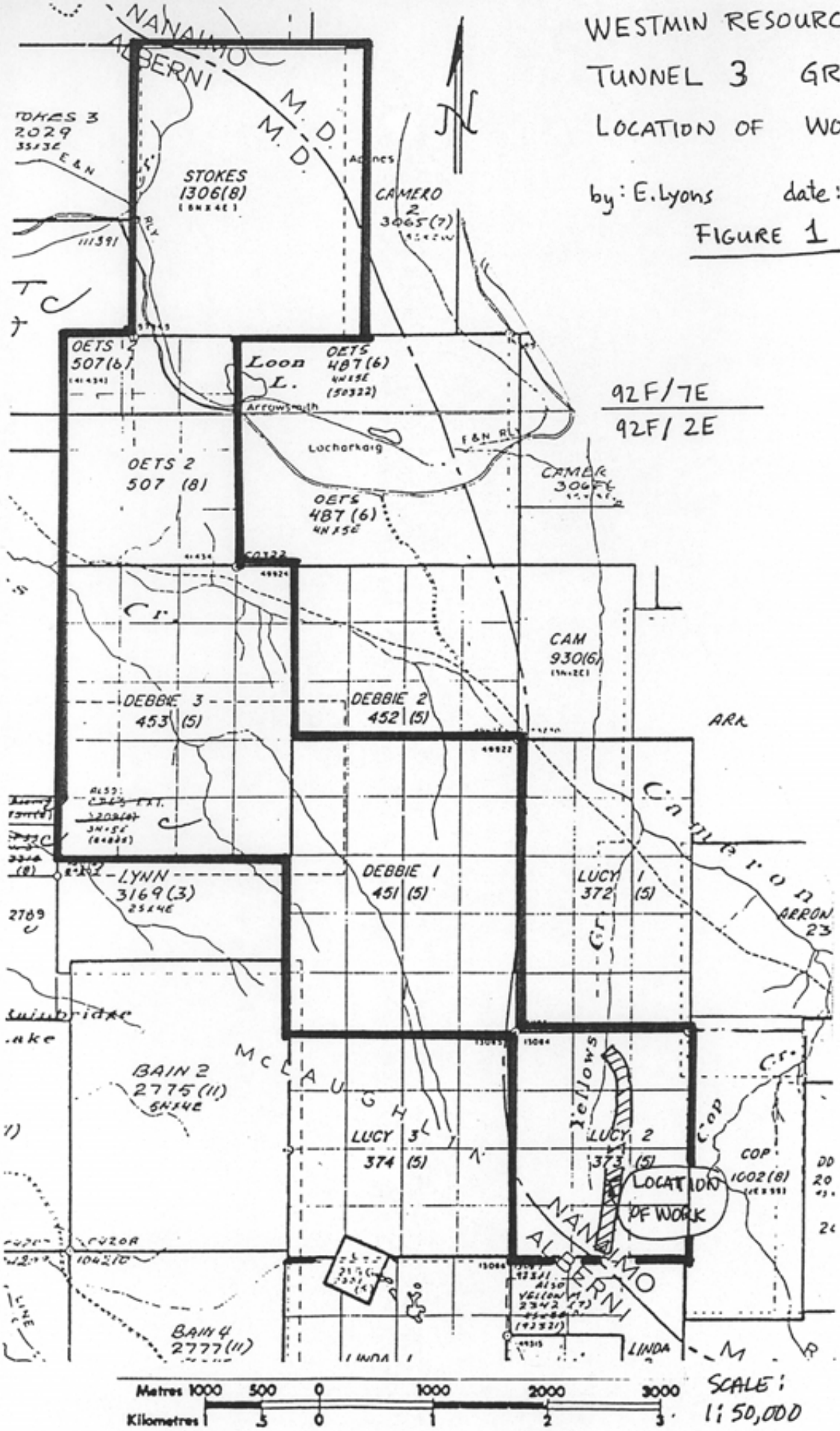
WESTMIN RESOURCES LIMITED

TUNNEL 3 GROUP

LOCATION OF WORK

by: E. Lyons date: 8 April, 1989

FIGURE 1



2 Introduction

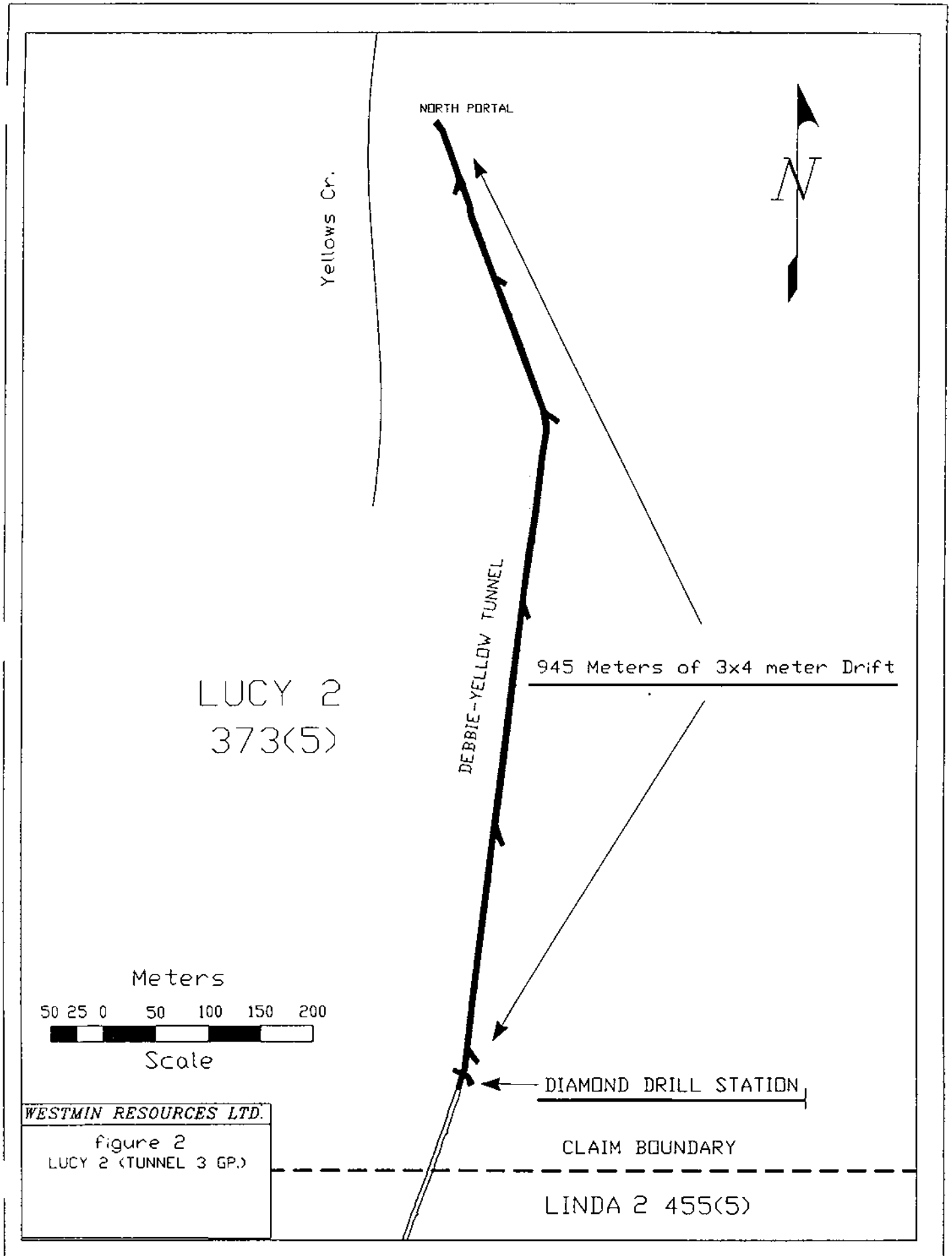
From 25 November - 15 December 1988 and 16 - 18 January 1989, an underground diamond drill program was conducted in the Debbie-Yellow exploration tunnel. Drilling was done by Connors Drilling Ltd. of Kamloops, B.C.. A 75 hp Connors 20HH underground electric/hydraulic drill, producing NQ sized core, was used. Four drillholes were drilled from a single setup, approximately 950 metres into the tunnel. A total of 1228.06 metres has been drilled. Drillhole locations and a plan view of the tunnel are included as figures 2 and 3.

3 Purpose

The underground drill program was designed to test anomalous gold values discovered during the 1987 surface drilling program. High gold values were returned from two intervals of interbedded tuff and chert intersected by D87-107 (figure 5). A value of 0.405 oz/t was returned from a sequence intersected at a drill depth of 332.0 metres (798 metres elevation). A second high assay of 0.120 oz/t was returned from cherts and "argillaceous" cherts at a drill depth of 531 metres (599 metres elevation). Both chert intersections display contorted bedding and lie 10-40 metres east of the Mineral Creek/Yellows Creek Fault zone.

The intersection of these high gold values suggests a possible northern extension of mineralization along the Mineral Creek Fault. Similar high gold intersections were found in the Mineral Creek zone on the Debbie-Yellow claims 780 metres to the south.

A fan of four drillholes, was drilled from a single setup located at 10790E, 10780E. All holes were drilled to the west and lie within the 10780N section. The holes were designed to penetrate the north striking, steeply east dipping Mineral Creek/Yellows Creek Fault at 100 metre intervals on the plane of the structure to delineate and test the fault zone for gold mineralization and to test the hangingwall stratigraphy.


NORTH PORTAL
Yellows Cr.
N
DEBBIE-YELLOW TUNNEL
945 Meters of 3x4 meter Drift
LUCY 2
373(5)
Meters
50 25 0 50 100 150 200
Scale
DIAMOND DRILL STATION
CLAIM BOUNDARY
LINDA 2 455(5)
WESTMIN RESOURCES LTD.
figure 2
LUCY 2 (TUNNEL 3 GP.)

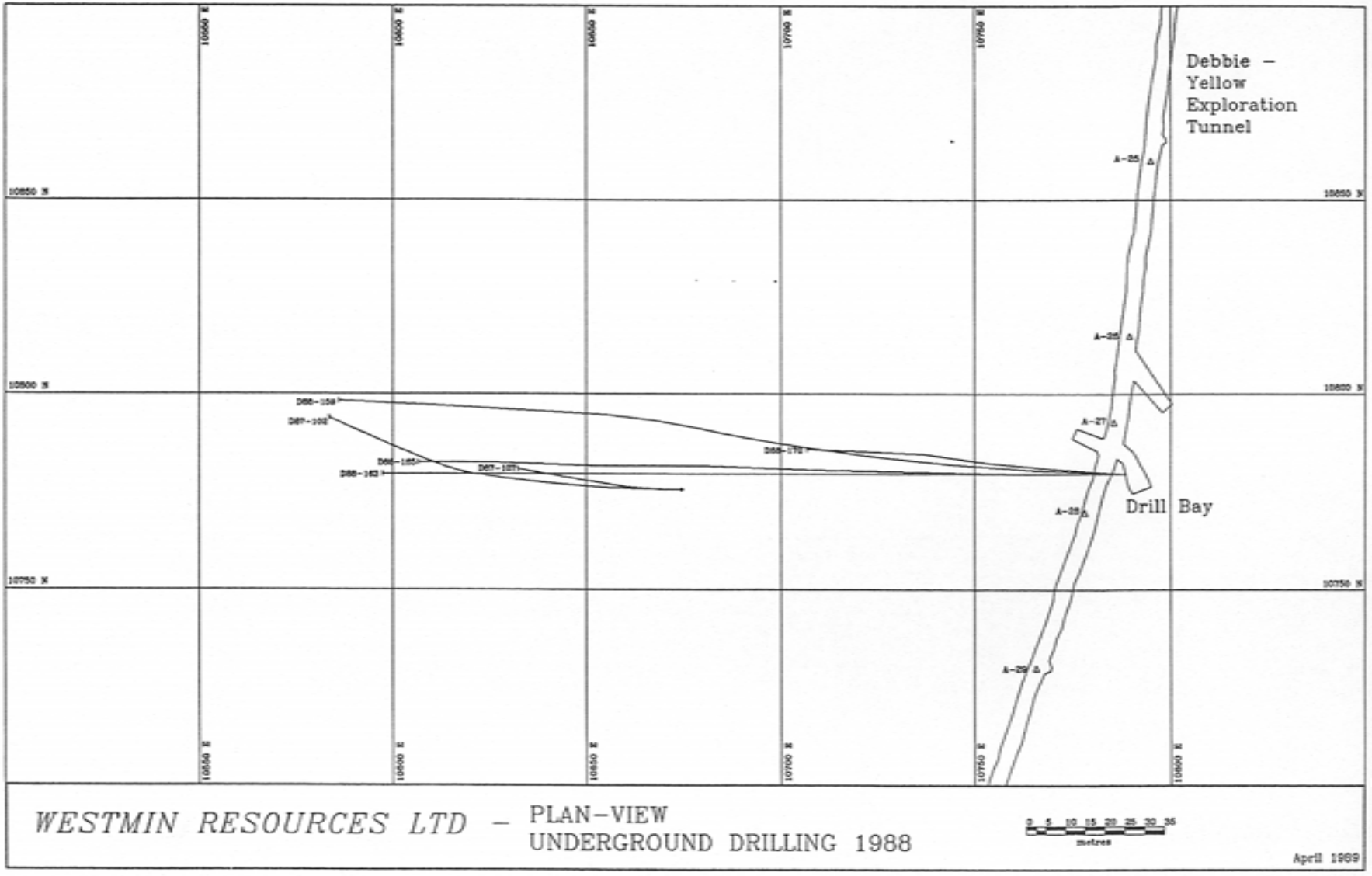

Debbie – Yellow Exploration Tunnel
Drill Bay
A-25
A-26
A-27
A-28
A-29
10650 N
10700 N
10750 N
10800 N
10850 N
10900 N
10950 N
10000 N
10050 N
10100 N
10150 N
10200 N
D86-159
D87-102
D86-155
D86-163
D87-107
D88-170
WESTMIN RESOURCES LTD – PLAN–VIEW
UNDERGROUND DRILLING 1988
0 5 10 15 20 25 30 35
metres
April 1989

Figure 3

4 Drill Statistics

HOLE NO.	MAP GRID NORTHING	EASTING	ELEVATION (M)	HOLE LENGTH	DIP	AZIMUTH	CONTRACTOR	CORE SIZE	DRILLED
DU159-88	10779.5	10788.5	859.9	227.08	-25	270	CONNORS	NQ	25 - 29 Nov 88
DU163-88	10779.5	10788.5	859.9	294.74	-48	270	CONNORS	NQ	29 Nov-4 Dec 88
DU165-88	10779.5	10788.5	859.9	410.89	-62	270	CONNORS	NQ	4 - 11 Dec 88
DU170-88	10779.5	10788.5	859.9	295.35	-72	270	CONNORS	NQ	11 - 15 Dec 88 16 - 18 Jan 89

5 Technical Problems

Environmental problems caused the underground drill program to end prematurely. High levels of fine sediment were observed in Yellows Creek over the Christmas shut down period. This condition was further aggravated when both mining and underground drilling started up again in the new year. As 80% of the underground drilling had been completed by 18 January 1989, further drilling was cancelled. At the time of shutdown, 1228.06 metres of the proposed 1500 metres had been drilled.

6 Discussion of Drill Results

6.1 Geology

Detailed downhole geology, plotted at a scale of 1:500, is included as Figure 5. In addition, the downhole geology of holes D87-102 and D87-107, correlated geology and significant assay values (>500 ppb Au) are also included in this figure.

All drillholes plot on section 10780N. The width of influence for this section is +/-20 metres to accommodate the length of DU165-88 which deviated about 7-10° to the northeast.

A generalized stratigraphic column of the drillhole geology is included as Figure 4. Data from holes D87-102 and D87-107 has also been added, allowing the geology to be projected to surface. Detailed drill logs for each hole are included in Appendix A.

The following is a discussion of the geology for each drillhole.

6.1.1 DU159-88 (10779.5N; 10788.5E; 859.9m elev; 227.08m length; -25° @ 270°) Figure 5

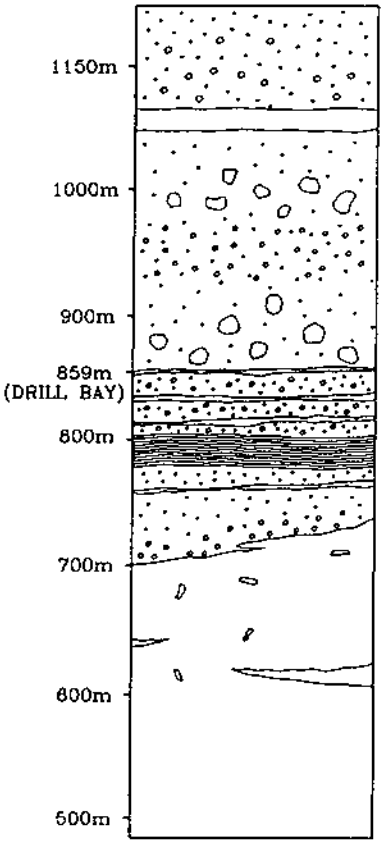
This hole intersected thick-bedded basalt tuffs interbedded with banded cherts and pyrite-bearing "argillaceous" cherts. The "argillaceous" cherts occurred between 89.70-101.30 metres and 185.00-211.50 metres. Bedding measurements throughout the hole ranged from 10° to 60° to core axis but were most variable within 30 metres of the fault zone. Narrow faults and fold noses were also observed in this interval.

The fault zone is represented by a narrow interval of well developed, strong ankerite + sericite + calcite altered cataclasite (1.75 metres true thickness). Intersection with the fault was expected at 195 metres but occurred between 211-213 metres, suggesting a more steeply dipping fault zone (80-85°).

6.1.2 DU163-88 (10779.5N; 10788.5E; 859.9m elev.; 294.74m length; -48° @ 270°) Figure 5

DU163-88 penetrated a thick sequence of interbedded basalt tuffs, heterolithic lapilli tuffs and cherts, and massive, plagioclase + pyroxene-phyric basalts. Pyrite-bearing "argillaceous" cherts occur between 36.80-84.70 metres and correlate with the chert and "argillaceous" chert unit intersected in DU159-88.

Graded bedding was observed in the coarser epiclastics (lapilli tuff grading into tuff and occasionally cherty-tuff beds) indicating tops uphole.



Basalt – epiclastic, fine to medium grained, plagioclase – phyric, sorted.

Basalt – flow interbed, plagioclase – phyric.

Basalt tuff – agglomerate epiclastics, pyroxene + plagioclase – phyric, unsorted, massive, tuffaceous matrix.

Basalt tuff – thick bedded, heterolithic, interbedded with banded chert.

Chert – finely bedded, argillaceous (10–90%), pyrite–bearing.

Basalt – epiclastics, heterolithic, 2% siliceous fragments, graded bedding tops up.

Basalt – andesite flows, massive, amygdaloidal, plagioclase + pyroxene – phyric.

Intrusive rocks: Plagioclase – phyric dykes fine grained basalt dykes.

Westmin Resources Limited
EXPLORATION DIVISION

WORK BY: MD	SCHEMATIC STRATIGRAPHIC COLUMN DEBBIE–UNDERGROUND EAST OF YELLOW CREEK FAULT
DATE DRAFTED: 04-20-89	
DRAFTED BY: MN	
DATE REVISED:	
REVISED BY:	
N.T.S. NUMBER 92F /2E	NOT TO SCALE.
FILE REFERENCE: DCRSTRAT	FIGURE 4

The fault zone occurs between 265.22 to 271.15 metres (5 metres true thickness) and consists of a well developed cataclasite and a strongly altered, crackle brecciated "fels". This "fels" unit resembles a similar unit observed during the 1988-89 Yellow claim drill program (see McDonald, 1989).

6.1.3 DU165-88 (10779.5N; 10788.5E; 859.9m elev; 410.89m length; -62° @ 270°) Figure 5

This hole penetrated the same interbedded sequence of heterolithic lapilli tuffs, basalt tuffs, cherts and plagioclase + pyroxene-phyric basalts as the previous drillhole. Narrow intervals of amygdaloidal basalt were also intersected in the upper 25 metres of the hole.

Graded bedding in the lapilli tuffs and tuffs indicates tops up.

The Mineral Creek/Yellows Creek fault zone is narrower and more poorly defined here than in the previous two holes. It was intersected between 353.30 and 358.25 metres (3.5 metres true thickness) and consists of a poorly developed cataclasite and crushed "fels".

6.1.4 DU170-88 (10779.5N; 10788.5E; 859.9m elev; 295.35m length; -72° @ 270°) Figure 5

A thick sequence of interbedded heterolithic tuffs, tuff and cherts followed by massive, plagioclase + pyroxene-phyric basalts was intersected by this hole.

Pyrite-bearing chert and "argillaceous" chert interbeds are narrower and less abundant in this hole. These beds occurred between 26.00-33.60 metres, 61.75-65.50 metres and 286.40-294.40 metres. Narrow beds of tuff and chert

occur in the underlying basalts.

Intersection of the fault was anticipated at about 450 metres, however drilling was stopped at 295.35 metres because of the program cancellation.

6.2 Mineralization

Sample intervals and assay values for all drill holes were plotted at 1:500 scale and are shown in Figure 6. Geochemical analysis and assay certificates are found in Appendix C. Geochemical/assay values and their corresponding sample intervals are found in Appendix B. Gold values greater than 500 ppb Au are highlighted.

Mineralization for each drillhole is discussed in the following section.

6.2.1 DU159-88 (10779.5N; 10788.5E; 859.9m elev.; 227.08m length; -25° @ 270° - Figures 6

DU159-88 was drilled to locate and test the fault zone for gold mineralization, and to intersect an area of anomalous gold values previously outlined in D87-107. Gold is hosted by narrow quartz veins cutting the interbedded sequence of cherts and "argillaceous" cherts near the fault zone. No significant gold values were intersected in the area of D87-107. DU159-88 passed 5-10 metres below the original gold intersection and because of a 5° deflection in azimuth, lies about 15 metres north of D87-107.

A moderately ankeritized sequence of interbedded cherts, tuffs and "argillaceous" cherts (20%) was intersected between 192.72-195.00 metres. Forty-three grains of visible gold were observed in narrow (0.5 - 2mm), light grey quartz veins. Gold grains range in size from 0.25 to 1mm. An assay value of 0.577 oz/t gold over a 1 metre sample length was returned from this interval.

Chert beds are contorted and disrupted by small scale faults and veins. This zone lies 15 metres east of the fault.

Gold values across the fault zone range from 40-57 ppb.

6.2.2 **DU163-88** (10779.5N; 10788.5E; 859.9m elev.; 294.74m length; -48° @ 270°) - Figure 6

This hole was drilled to delineate the fault zone, and to test the gold-bearing "argillaceous" chert sequence penetrated by DU159-88. Intersection of this sequence was expected at about 48-50 metres.

Moderately to strongly ankeritized, interbedded cherts and pyrite-bearing "argillaceous"cherts were intersected between 36.80-84.70 metres. Gold assays ranged from 3-89 ppb for this interval.

A 30 cm wide stockwork zone between 109.50 and 110.07 metres returned a gold value of 805 ppb. The stockwork is composed of narrow (2-4mm) white to light grey quartz veins (7-8%) and lies within interbedded basalt tuffs and cherts. This zone occurs 10-20 metres below the gold-bearing tuffs and cherts of DU159-88.

Gold values returned from the cataclasite varied from 40-51 ppb. The "fels" unit is essentially barren.

6.2.3 **DU165-88** (10779.5N; 10788.5E; 859.9m elev; 410.89m length; -62° @ 270°) - Figure 6

This hole was drilled to help delineate and test the Mineral Creek/Yellows Creek fault zone.

Ankerite + calcite + pyrite altered cherts and "argillaceous" cherts were intersected at two locations. The first lies between 26.67 and 53.16 metres and correlates with the gold-bearing zone in DU159-89. Values in this sequence varied from 1-18 ppb Au and 3-61 ppm As. Between 59.57 and 81.98 metres, a second sequence of cherts was intersected and returned values of 2-325 ppb Au and 3-113 ppm As.

Values along the Mineral Creek/Yellows Creek Fault zone range from 2-38 ppb Au and 12-39 ppm As. The "fels" unit is esseentially barren.

6.2.4 DU170-88 (10779.5N; 10788.5E; 859.9m elev.; 295.35m length; -72° @ 270°) - Figure 6

Three ankerite + calcite + pyrite altered sequences of interbedded cherts and "argillaceous" cherts were intersected. Values of 1-15 ppb Au and 17-71 ppm As were returned for and interval between 26.00 and 33.60 metres. This correlates to the gold-bearing cherts of DU159-88. The zone between 61.75 and 65.50 metres corresponds to the lower sequence of cherts in DU165-88 and returned values of 17-32 ppb Au and 19-49 ppm As. A deeper chert zone between 286.75 and 294.4 metres assayed 7-210 ppb Au and 11-327 ppm As.

The projected depth of intersection of the fault was approximately 450m. DU170-88 was shut down at 295.35 metres for environmental reasons.

7 Conclusions

The underground drilling program consisted of a fan of four drillholes drilled from a single set up located at 10790E,10780N. Drillholes were designed to test anomalous gold values previously intersected by drillhole D87-107 and to delineate and test the Mineral Creek/Yellows Creek Fault zone for gold mineralization.

Three of the four holes were completed. The last hole did not penetrate the fault, ending prematurely because of the early program shutdown.

Results from the drill program are as follows:

1) The fan of holes intersected a shallow, west dipping sequence of gently folded epiclastics underlain by massive basalt flows. Lithologies follow from top to bottom:

a) Fine to medium grained heterolithic basalt tuffs, lapilli tuff (30%) and banded cherts. Cherts are frequently interbedded with pyrite-bearing "argillaceous" cherts, locally 10 to 90%. Bedding is gently folded and frequently disrupted by small scale faults. Graded bedding observed in the tuff beds indicates tops uphole.

b) Massive basalt (amygdaloidal,plagioclase and pyroxene-phyric), minor chert and/or tuff interbeds.

2) Previously discovered gold mineralization was confirmed in this program. Anomalous gold values were found to be spatially associated with quartz veins. Gold was observed in narrow (1-4mm) veins within moderate to strongly ankerite +

calcite + pyrite altered "argillaceous" chert beds. High gold assays (up to 0.577 oz/ton) were returned from beds occurring close (5 - 50m) to the Mineral Creek/ Yellows Creek fault zone. These beds were disjointed and contorted, and contained a higher percentage of quartz veining and shearing. Moderate gold values were returned from quartz veins in basalt tuff (805 ppb Au).

3) The Mineral Creek/Yellows Creek fault was found to be steeper in this section then predicted. Drilling revealed the fault to be dipping east 80 - 85°.
In addition, the width of the associated cataclasite was found to be very narrow ,1.75 to 5 metres true thickness, compared to a true fault thickness of 10 to 15 metres south of 10350N.

8 Recommendations

The 10780N drill section was the first of a series planned along the exploration tunnel.

Fourteen (14) holes are recommended south of 10780N on sections 100 meters apart. These would initially be drilled west at moderate to steep dips and would test the downdip area of the Mineral Creek fault at 100-meter intervals on section along the fault plane below 770 meter elevation. Seven drill stations have been established during tunnelling; two holes per section are recommended. Total proposed drilling is 7700 meters.
Four drill stations at 200-meter intervals have been established north of 10780N.

Five (5) shallow to moderate-dipping holes drilled to the west in the most northerly station are recommended to test the Yellows Creek end of the Mineral Creek fault zone. Total proposed drilling is 800 meters.

Depending on the results of the initial program, additional drilling may be required.

CORE STORED TOMS BROTHERS WAREHOUSE, PORT ALBERNI, B.C.

9 References

1988-89 Drill Program on Yellow claim, Port Alberni, B.C.,
NTS 92F/2E by Cathy E. McDonald, B.Sc.

McDonald, Cathy E. (1989)
1988-89 Drill Report on the Yellow Claim, Westmin in house report.
35 pages.

Statement of Qualifications

I, Heather Oiye, of 6350 Malvern Avenue, Burnaby, B.C., do hereby certify that:

1. I graduated from the University of Toronto in 1979 with a B.Sc. in Geology and that I have been practising my profession since graduation.

2. I have been involved as a geologist in mineral exploration on Vancouver Island since 1987.

3. The majority of the work performed on this drill project was done under my direct supervision. The remaining work has been reviewed and considered to be of professional quality.

4. I have no direct or indirect legal or financial interest in the claims worked on, nor in Westmin Resources Ltd., nor in Nexus Resources Corp..

April 1989

H. Oiye

STATEMENT OF QUALIFICATIONS

I, Edward Lyons of Courtenay, British Columbia, do hereby certify that:

1. I am a consulting geologist residing at 3963 5th Avenue in Port Alberni, B.C.

2. I am a graduate of the University of Missouri at Rolla with a Bachelor of Science in Geology (1970).

3. I have been active in the metals mining industry since graduation.

4. I am a Fellow in the Geological Association of Canada and am a member of the Association of Exploration Geochemists.

5. I have been involved in mineral exploration on Vancouver Island since 1979 and have supervised the above work.

6. I have no financial interest at present, nor do I expect to receive any, in either Westmin Mines, Ltd. or Nexus Resource Corp.

Ed Lyons 23/07/89

Edward M. Lyons

Consulting Geologist

APPENDIX A

ITEMIZED COST STATEMENT

ITEMIZED COST STATEMENT

The costs for the 1988-9 underground drilling program in the Debbie exploration tunnel include site preparation and tunnelling costs necessary to develope the drill station. Only costs incurred on or after 2 May, 1988, the anniversary date of the TUNNEL 3 group, are listed.

		COST
1.	Westmin Professional & Labour personnel	
	(details on Table 1)	$ 85,105
2.	Site Preparation (Various Contractors)	
	(details on Table 2)	$ 69,135
3.	Tunnelling Contractor - Main Street Mining,Ltd.	
	(details on Table 3)	$1,560,712
4.	Diamond Drilling - Connors Drilling, Ltd. Period: 25 Nov/88 - 18 Jan/89 1228 meters @ $66.80/m	$ 82,030
5.	Equipment Rental - surveying transit kit Period: 2 May - 18 Oct/88 5.5 months @ $750/mo	$ 4,125
6.	Transportation Period: 2 May/88 - 18 Jan/89 One 4WD Pick-up Truck 8.5 months @ $1400/mo	$ 11,900
7.	Analyses	
	376 30-element ICP + Au geochems @ $14.25 ea	$ 5,438
	3 Au metallics fire assays @ $26.50 ea	$ 80
8.	Report Preparation	$ 1,200
9.	**TOTAL COST**	**$1,819,725**

(Note: Cost statement prepared by E. Lyons, Project Manager.)

TABLE 1

COST STATEMENT - WESTMIN PROFESSIONAL & LABOUR

Person	Position	Day Rate ($/day)	Housing Period ($/day)	Days Worked	Cost Total
E. Lyons	Project Mgr	$265.00	$25.00 2-31 May	10	$2,900.00
		$265.00	$25.00 1-30 June	11	$3,190.00
		$265.00	$25.00 1-31 July	10	$2,900.00
		$265.00	$25.00 1-31 Aug	9	$2,610.00
		$265.00	$25.00 1-30 Sept	4	$1,160.00
		$265.00	$25.00 1-31 Oct	5	$1,450.00
		$265.00	$25.00 1-30 Nov	4	$1,160.00
		$265.00	$25.00 1-31 Dec	4	$1,160.00
		$265.00	$25.00 1-18 Jan	3	$870.00
N. Berg	Mine Manager	$210.00	$25.00 2-31 May	15	$3,525.00
		$210.00	$25.00 1-30 June	20	$4,700.00
		$210.00	$25.00 1-31 July	26	$6,110.00
		$210.00	$25.00 1-31 Aug	25	$5,875.00
		$210.00	$25.00 1-30 Sept	25	$5,875.00
		$210.00	$25.00 1-31 Oct	12	$2,820.00
		$210.00	$25.00 1-30 Nov	3	$705.00
		$210.00	$25.00 1-31 dec	3	$705.00
		$210.00	$25.00 1-18 Jan	3	$705.00
H. Oiye	Geologist	$170.00	$25.00 20-31 Nov	7	$1,365.00
		$170.00	$25.00 1-31 Dec	16	$3,120.00
		$170.00	$25.00 1-31 Jan	15	$2,925.00
D. Mitchell	Surveyor	$115.00	$25.00 2-31 May	21	$2,940.00
		$115.00	$25.00 1-30 June	10	$1,400.00
		$115.00	$25.00 1-31 July	10	$1,400.00
		$115.00	$25.00 1-31 Aug	11	$1,540.00
		$115.00	$25.00 1-30 Sept	8	$1,120.00
		$115.00	$25.00 1-31 Oct	8	$1,120.00
		$115.00	$25.00 26-30 Nov	2	$230.00
K. Gaudet	As't surveyr	$106.00	$0.00 2-31 May	21	$2,226.00
		$106.00	$0.00 1-30 June	10	$1,060.00
		$106.00	$0.00 1-31 July	10	$1,060.00
		$106.00	$0.00 1-31 Aug	11	$1,166.00
		$106.00	$0.00 1-30 Sept	8	$848.00
		$106.00	$0.00 1-31 Oct	8	$848.00
		$106.00	$0.00 26-30 Nov	2	$262.00
D. McKibben	Field Superv	$110.00	$25.00 2-31 May	24	$3,240.00
		$110.00	$25.00 1-30 June	22	$2,420.00
B. Simpson	Labourer	$96.90	$0.00 2-31 May	24	$2,325.60
		$96.90	$0.00 1-30 June	22	$2,131.80
D. Boyd	Labourer	$96.90	$0.00 1-16 Dec	8	$775.20
		$96.90	$0.00 4-31 Jan	12	$1,162.80
				TOTAL	$85,105.40

TABLE 2

COST STATEMENT - SITE PREPARATION (CONTRACTORS)

Contractor	Equipment	Period	Rate $/hr	Time hr	Cost
Alberni Septic	gravel haul	9 May	$52.00	4	$208.00
Art Smith	faller	12 May	$25.00	8	$200.00
W. Crowley	skidder	20-30 May	$60.00	62	$3,720.00
Seymour Haulage	excavator UH07	2-7 May	$72.00	40	$2,880.00
Rayner & Bracht	compressor & airtrac drill	2-31 May	$65.00	102	$6,630.00
" (Dallas Bird)	operator	2-31 May	$32.82	135	$4,430.70
"	grader	6 June	$55.00	8.5	$467.50
Johoe, Inc.	climbing backhoe	2-13 May	$110.00	20	$2,200.00
					$0.00
"	"	16-27 May	$110.00	95	$10,450.00
"	"	30 May-2 June	$110.00	32	$3,520.00
Seymour Haulage	excavator UH123	7-31 May	$95.00	174	$16,530.00
Seymour Haulage	excavator UH07	2-10 June	$72.00	70.5	$5,076.00
"	excavator UH123	1-15 June	$95.00	101.5	$9,642.50
Seymour Haulage	excavator UH07	4-8 July	$72.00	39	$2,808.00
"	lowbed	"	$60.00	6.2	$372.00
				TOTAL=>	$69,134.70

TABLE 3

COST STATEMENT - MAIN STREET MINING LTD (Tunnelling Contractor)

DESCRIPTION	Unit Rate	16-30 June	1-15 July	16-31 July	1-15 August	16-31 August	1-15 Sept	16-30 Sept	1-15 October	16-31 October	TOTAL
Mobilization		$52,220.00									$52,220.00
Drift Advance	$1340/m	$45,962.00	$211,318.00	$204,350.00	$198,320.00	$218,420.00	$92,460.00	$215,740.00	$159,594.00	$79,730.00	$1,425,894.00
Slashing:	$125/cu m										
Sump			$15,596.00								$15,596.00
Electric Stn									$8,125.00		$8,125.00
Drill Station									$34,220.00	$2,250.00	$36,470.00
Field Cost Items:											
Labour	$39.00/hr	$4,641.00	$2,631.00	$1,560.00		$19.50		$117.00	$39.00	$273.00	$9,280.50
Scooptram	$82.50/hr	$975.00	$1,485.00					$165.00		$247.50	$2,872.50
Compressor	$38.00/hr	$1,278.75	$190.00							$76.00	$1,544.75
Jumbo drill	$50.00/hr	$893.00	$100.00							$50.00	$1,043.00
4WD Truck	$ 7.00/hr	$196.00	$70.00	$154.00							$420.00
HIAB Truck	$30.69/hr						$122.76			$61.38	$184.14
Explosives		$1,206.30	$108.32							$100.17	$1,414.79
Water & Air Pipe		$283.30				$143.15		$140.85	$280.47		$847.77
Ground Support:											
Screen	$121.00/roll			$121.00							$121.00
Rock bolts	$33.00 ea									$2,541.00	$2,541.00
Straps	$10.00 ea									$220.00	$220.00
Timber	cost+10%	$1,743.85	$173.25								$1,917.10
										TOTAL =====)	$1,560,711.55

APPENDIX B

DRILL LOGS

WESTMIN RESOURSES LTD
DEBBIE PROJECT

DRILLHOLE: D88DU159

DATE PRINTED: April 19, 1989

SURVEYED BY : COLLAR ELEV. : 859.9 AZIMUTH(DEGREES) : 270.00 GEOLOGGED BY : HO
TOTAL LENGTH : 227.08 NORTHING : 10779.5 VERTICAL ANGLE : -25.0 DATE(Y/M/DY) : 89 01 31
CORE DIAMETER: NQ EASTING : 10788.5 COORD SYSTEM : GRID TRAVERSE ATTRIB:
DRILLED BY : CONNORS HOLE STARTED : 88 11 25 HOLE ENDED : 11 29 DRILLING HOURS :

SURVEY PT NUMBER	DEPTH METRES	AZIMUTH DEGREES	ANGLE DEGREES	NORTH COORD METRES	EAST COORD METRES	ELEVATION METRES
S	0.00	270.00	-25.0	10779.5	10788.5	859.9
S	123.44	282.00	-26.5			
S	184.40	283.00	-27.0			

REMARK := SVY 0.00 0.00 Compass

REMARK := SVY 123.44 123.44 Sperry sun

REMARK := SVY 184.40 184.40 Sperry sun

0.00 89.70 BASALTIC TUFF medium , green; 5% cherty ; interbedded;
90% 0.50 - 1.00 mm intermediate basalt, aphyric fragments;
5% 2.00 - 3.00 mm (barren) quartz-calcite as dominant vein;
2.5% quartz in veins
2.5% calcite as pervasive disseminated > veins, selvages and envelopes;
1% epidote as pervasive disseminated < veins, selvages and envelopes;
0.3% pyrite as euhedral crystals;
low chlorite-calcite as dominant alteration;

REMARK := 0.00 89.70 Thick bedded sequence of interbedded cherts and tuffs,

REMARK := 0.00 89.70 tuff beds are massive, fine grained.

0.00 2.00 100% CHERT/TUFF medium light , green; banded; bedding at 60 degrees to core axis;

0.00 4.57 0 % SAME AS 0.00 89.70 broken core;

17.02 24.30 100% BASALTIC TUFF medium , green; medium grained; massive;
20% 2.00 - 3.00 mm intermediate basalt, aphyric fragments;
2.5% calcite as pervasive disseminated > veins, selvages and envelopes;
5% epidote in micro veins, in hairline fractures;

DRILLHOLE: D88DU159

REMARK := 17.02 24.30 Basalt fragments quite hard - resembles phenocrysts in

REMARK := 17.02 24.30 occurrence

24.30 27.08 100% BASALT MASSIVE medium , greyish-green; 1% amygdaloidal ;
amygdules 2-4 mm in diameter; porphyritic;
2.5% epidote in micro veins, in hairline fractures;

REMARK := 24.30 27.08 Feldspar porphyritic (5-7%), chlorite phenocryst (1-2%)

REMARK := 24.30 27.08 Sample Au(ppb) Au(oz/t) Au(met) Ag(ppm) Ag(oz/t) As(ppm)

REMARK := 26.08 27.08 U9361 1 0.1 5

27.08 28.50 100% CHERT/TUFF medium light , greyish-green; 80% cherty ; banded; interbedded;
5% 0.25 - 0.50 mm (barren) calcite as dominant veln;
0.50 - 1.00 mm banding at 40 degrees to core axis;
2.00 - 3.00 mm banding at 60 degrees to core axis; 5% calcite in veins
2.5% epidote as laminations or beds; 1% pyrite as disseminations;

REMARK := 27.08 28.50 Chert interbedded with narrow beds of cherty tuff (10%)

REMARK := 27.08 28.50 bands represent a range

REMARK := 27.08 28.50 Bands disrupted by calcite veining

REMARK := 27.08 28.50 Sample Au(ppb) Au(oz/t) Au(met) Ag(ppm) Ag(oz/t) As(ppm)

REMARK := 27.08 28.08 U9362 2 0.1 2

REMARK := 28.08 28.50 U9363 1 0.1 2

REMARK := 28.50 29.50 U9364 1 0.1 3

41.60 49.17 100% BASALT MASSIVE medium , greyish-green; massive; porphyritic;
5% 0.50 - 1.00 mm feldspar phenocrysts;
1% 1.00 - 2.00 mm (barren) quartz-calcite as dominant vein;
1.00 - 2.00 mm veins at 25 degrees to core axis;
1.00 - 2.00 mm veins at 50 degrees to core axis;
2.5% calcite as veins;
5% epidote in micro veins, in hairline fractures;
1% pyrite as euhedral crystals;
low chlorite-calcite as secondary alteration;

51.75 56.90 40% CHERT/TUFF medium light , green; interbedded;
2.5% 1.00 - 2.00 mm (barren) quartz-calcite as dominant vein;
1.00 - 2.00 mm bedding at 10 degrees to core axis;
1.00 - 2.00 mm bedding at 20 degrees to core axis;
5% epidote in micro veins, in hairline fractures;
1% pyrite as disseminations;

REMARK := 51.75 56.90 Bedding represents a range

REMARK := 51.75 56.90 Cherts interbedded with cherty-tuff beds

60.70 66.48 70% CHERT/TUFF light, green; interbedded;
10% 1.00 - 2.00 mm (barren) quartz-calcite as dominant vein; tops up
0.50 - 1.00 mm bedding at 30 degrees to core axis;
1.00 - 2.00 mm bedding at 35 degrees to core axis;
10% epidote in micro veins, in hairline fractures;

REMARK := 60.70 66.48 Interbedded finely banded chert and tuff,and cherty tuff.

REMARK := 60.70 66.48 Soft sediment deformation observed in chert beds

REMARK := 60.70 66.48 - slump features and possible flame structures.

REMARK := 60.70 66.48 Quartz-calcite veins 1-2mm wide cross-cut beds

REMARK := 60.70 66.48 (55'-70'), some are a light grey colour

REMARK := 60.70 66.48 Wider veins 0.5-1.5cm often contain vein breccia

REMARK :=	60.70	66.48	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	60.70	61.70	U9365	1			0.1		5
REMARK :=	61.70	62.48	U9366	1			0.1		3
REMARK :=	62.48	62.88	U9367	1			0.1		2
REMARK :=	62.88	63.88	U9368	1			0.1		2
REMARK :=	63.88	64.88	U9369	1			0.1		5
REMARK :=	64.88	65.88	U9370	2			0.1		2
REMARK :=	65.88	66.48	U9371	1			0.1		2
REMARK :=	66.48	67.48	U9372	1			0.1		4

68.84 72.04 90% CHERT/TUFF light, greyish-green; bedded;
1% 0.50 - 1.00 mm (barren) quartz-calcite as dominant vein;
1.00 - 2.00 mm bedding at 60 degrees to core axis; axis of any fold
60 degrees to core axis; 2.5% calcite as veins;

REMARK := 68.84 72.04 Finely bedded chert, gently folded, fold axis at 70.13m,

REMARK := 68.84 72.04 chert interbedded with cherty-tuff

REMARK :=	68.84	72.04	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	67.84	68.84	U9373	1			0.1		3
REMARK :=	68.84	69.84	U9374	1			0.1		3

		REMARK :=	69.84	70.84	U9375	1	0.2	6
		REMARK :=	70.84	72.04	U9376	4	0.1	6
		REMARK :=	72.04	73.04	U9377	8	0.1	9

76.75 76.83 100% ALTERATION ZONE medium light , yellowish-tan; 0.3% gouge ; 0.50 - 1.00 mm shear at 50 degrees to core axis;
30% calcite as pervasive disseminated > veins, selvages and envelopes;
10% ankerite pervasive;
fairly high ankerite-calcite as dominant alteration;

		REMARK :=	76.75	76.83	Narrow alteration zone cut by two narrow shears - graphitic			
		REMARK :=	76.75	76.83	gouge			
		REMARK :=	76.75	76.83	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
		REMARK :=	76.60	77.00	U9201	26			0.1		2

77.00 77.60 90% ALTERATION ZONE medium light , yellowish-tan; 10% vein breccia ;
10% 1.00 - 2.00 mm (barren) quartz-calcite as dominant vein;
0.50 - 1.00 mm shear at 45 degrees to core axis;
0.50 - 1.00 mm shear at 60 degrees to core axis;
0.3% pyrite as disseminations;
moderate ankerite-calcite as dominant alteration;

		REMARK :=	77.00	77.60	Quartz-calcite veining resembles a stockwork throughout			
		REMARK :=	77.00	77.60	the alteration zone			
		REMARK :=	77.00	77.60	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
		REMARK :=	77.00	77.60	U9202	68			0.1		9
		REMARK :=	77.60	78.10	U9203	51			0.1		2

80.20 81.20 100% ALTERATION ZONE light, yellowish-tan; 5% gouge ;
10% 2.00 - 3.00 mm (barren) calcite as dominant vein;
2.5% 0.25 - 0.50 mm (with arsenopyrite) quartz-calcite as secondary vein;
0.50 to 1.00 cm fault at 60 degrees to core axis; veins at
50 degrees to core axis; 1% pyrite as disseminations;
0.3% arsenopyrite as disseminations; 5% fuchsite as wisps;
high ankerite-fuchsite-calcite as dominant alteration;

		REMARK :=	80.20	81.20	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
		REMARK :=	79.80	80.20	U9204	7			0.2		2
		REMARK :=	80.20	81.20	U9205	3			0.1		6
		REMARK :=	81.20	81.60	U9206	6			0.3		2

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86.60 88.40 100% ALTERATION ZONE medium-dark , yellowish-tan; broken core;
5% 0.50 - 1.00 mm (with pyrite) quartz-calcite as dominant vein;
shear at 65 degrees to core axis; 0.3% pyrite as disseminations;
moderate ankerite-calcite as dominant alteration;

REMARK :=	86.60	88.40	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	86.60	87.60	U9207	5			0.1		4
REMARK :=	87.60	88.40	U9208	2			0.1		10
REMARK :=	88.40	89.70	U9209	8			0.2		13

89.70 101.30 BASALTIC TUFF light, greyish-green; 30% argillaceous ; interbedded; broken core;
0.25 - 0.50 mm fine fraction size;
0.25 - 0.50 mm coarse fraction size; 70% coarse fraction;
0.25 - 0.50 mm maximum particle size;
5% 3.00 - 4.00 mm (barren) quartz-calcite as dominant vein;
1.00 - 2.00 mm bedding at 20 degrees to core axis;
2.00 - 3.00 mm bedding at 30 degrees to core axis;
5% calcite as pervasive disseminated < veins, selvages and envelopes;
5% pyrite as laminations or beds;
low chlorite-calcite as dominant alteration;

REMARK :=	89.70	101.30	Interbedded basalt tuff and "argillaceous" chert						
REMARK :=	89.70	101.30	Bedding represents a range, pyrite laminations						
REMARK :=	80.70	101.30	associated with "argillaceous" chert beds.						
REMARK :=	80.70	101.30	Bedding frequently disrupted by small scale faults						
REMARK :=	80.70	101.30	Occurrence of argillaceous chert increases as move						
REMARK :=	80.70	101.30	down section.						
REMARK :=	80.70	101.30	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	89.70	90.60	U9378	4			0.2		16
REMARK :=	90.60	91.60	U9379	1			0.1		14
REMARK :=	91.60	92.30	U9210	210			0.8		55
REMARK :=	92.30	93.30	U9211	6			0.1		15
REMARK :=	93.30	94.40	U9212	210			0.9		49
REMARK :=	94.40	95.40	U9313	17			0.2		23
REMARK :=	95.40	96.00	U9314	230			2.0		99

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REMARK :=	96.00	97.00	U9315	250	0.1	26
REMARK :=	97.00	97.90	U9380	21	0.3	26
REMARK :=	97.90	98.80	U9381	2	0.1	19
REMARK :=	98.80	99.80	U9382	3	0.1	21
REMARK :=	99.80	101.30	U9216	42	0.7	31

101.30 185.00 BASALTIC TUFF light, greyish-green; 5% argillaceous ; 20% cherty ; interbedded;
0.25 - 0.50 mm fine fraction size;
0.25 - 0.50 mm coarse fraction size; 70% coarse fraction;
0.25 - 0.50 mm maximum particle size;
5% 1.00 - 2.00 mm (barren) quartz-calcite as dominant vein; tops up
tops up 1.00 - 2.00 mm bedding at 30 degrees to core axis;
3.00 - 4.00 mm bedding at 50 degrees to core axis;
2.5% calcite as pervasive disseminated < veins, selvages and envelopes;
1% pyrite as euhedral crystals;
low chlorite-calcite as dominant alteration;

REMARK :=	101.30	185.00	Bedding values represent a range. Fine grained basalt tuff
REMARK :=	101.30	185.00	interbedded with cherty tuff and occasional "argillaceous"
REMARK :=	101.30	185.00	chert beds.

117.70 119.20 90% CHERT/TUFF medium-dark , greyish-green; 20% argillaceous ; interbedded;
10% 2.00 - 3.00 mm (barren) quartz-calcite as dominant vein;
1.00 - 2.00 mm bedding at 50 degrees to core axis;
1% pyrite as fragments/clasts

REMARK :=	117.70	119.20	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	117.70	118.70	U9217	5		0.2			46
REMARK :=	118.70	119.20	U9218	21		0.2			67

118.70 128.56 20% SAME AS 101.30 185.00 broken core;

154.20 160.02 100% BASALTIC TUFF medium light , green; 30% argillaceous ; 2.5% silicified ;
interbedded; 0.25 - 0.50 mm fine fraction size;
1.00 - 2.00 mm coarse fraction size; 20% coarse fraction;
1.00 - 2.00 mm maximum particle size;

REMARK :=	154.20	160.02	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	152.40	153.40	U9219	7		0.1			81
REMARK :=	153.40	154.20	U9220	20		0.1			907
REMARK :=	154.20	155.00	U9221	9		0.2			142

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REMARK := 155.00 156.38 U9222 27 0.3 487

REMARK := 157.80 158.30 U9223 6 0.1 44

171.00 174.00 100% BASALTIC TUFF medium light , green; 10% argillaceous ; 30% cherty ; interbedded;
0.25 - 0.50 mm fine fraction size;
1.00 - 2.00 mm coarse fraction size; 10% coarse fraction;
1.00 - 2.00 mm maximum particle size;
2.5% 1.00 - 2.00 cm (barren) quartz-calcite as dominant vein;
bedding at 15 degrees to core axis; veins at
65 degrees to core axis;

REMARK := 171.00 174.00 Gently folded beds

REMARK := 171.00 174.00 Sample Au(ppb) Au(oz/t) Au(met) Ag(ppm) Ag(oz/t) As(ppm)

REMARK := 171.00 172.00 U9383 14 0.4 43

REMARK := 172.00 173.00 U9384 10 0.3 32

REMARK := 173.00 174.00 U9224 113 0.004 0.004 0.3 0.01 90

185.00 211.50 BASALTIC TUFF medium light , green; 10% argillaceous ; 30% cherty ; interbedded;
< 0.25 mm fine fraction size; 1.00 - 2.00 mm coarse fraction size;
10% coarse fraction; 1.00 - 2.00 mm maximum particle size;
5% 0.50 to 1.00 cm (barren) quartz-calcite as dominant vein;
bedding at 15 degrees to core axis;
5% calcite as pervasive disseminated < veins, selvages and envelopes;
2.5% pyrite as disseminations;

REMARK := 185.00 211.50 Soft sediment deformation - possible flame structures?,

REMARK := 185.00 211.50 small scale, gentle folds. Beds disrupted by small scale

REMARK := 185.00 211.50 dip-slip faults. Basalt tuff interbedded with cherty-

REMARK := 185.00 211.50 tuffs (30%)

REMARK := 185.00 211.50 Sample Au(ppb) Au(oz/t) Au(met) Ag(ppm) Ag(oz/t) As(ppm)

REMARK := 189.50 190.50 U9385 19 0.2 105

REMARK := 190.50 191.60 U9386 10 3.5 18

REMARK := 191.60 192.60 U9387 21 0.4 30

REMARK := 195.00 196.00 U9389 29 0.1 47

REMARK := 196.00 197.00 U9390 41 0.2 52

REMARK := 197.00 197.90 U9391 47 0.4 46

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REMARK := 197.90 198.90 U9227 95 0.4 51

REMARK := 198.90 199.90 U9228 71 0.2 48

REMARK := 199.90 200.40 U9229 108 0.2 51

192.72 195.00 70% BASALTIC TUFF light, greenish-tan; 10% argillaceous ; 20% cherty ; interbedded;
< 0.25 mm fine fraction size; 0.25 - 0.50 mm coarse fraction size;
20% coarse fraction; 0.25 - 0.50 mm maximum particle size;
2.5% 0.50 - 1.00 mm (with pyrite-gold).quartz-calcite as dominant vein;
bedding at 15 degrees to core axis; fault at 80 degrees to core axis;
2.5% pyrite in micro veins, in hairline fractures;
0.1% arsenopyrite as grains/crystal aggregates
0.3% visible gold as grains/crystal aggregates
moderate ankerite as dominant alteration;
low calcite as secondary alteration;

REMARK := 192.72 195.00 43 grains of visible gold observed, most(75%) are small

REMARK := 192.72 195.00 grains

REMARK := 192.72 195.00 < 0.25mm. Rest vary in size from 0.25-1mm, all gold within

REMARK := 192.72 195.00 narrow(0.5-1mm) quartz veins. Alteration occurs only along

REMARK := 192.72 195.00 selected chert beds and in the immediate vicinity of the

REMARK := 192.72 195.00 quartz veins and fractures. Bedding disrupted by dip-slip

REMARK := 192.72 195.00 faults (small scale) and quartz veins

REMARK := 192.72 195.00 Sample Au(ppb) Au(oz/t) Au(met) Ag(ppm) Ag(oz/t) As(ppm)

REMARK := 192.60 193.60 U9388 34 0.5 33

REMARK := 193.60 194.60 U9225 59200 0.577 11.7 0.06 133

REMARK := 194.60 195.00 U9226 110 0.019 1.8 0.01 42

205.20 205.40 100% ALTERATION ZONE medium light , yellowish-tan;
30% 1.00 - 2.00 cm (with pyrite) quartz-calcite as dominant vein;
veins at 75 degrees to core axis; 0.3% pyrite as disseminations;
moderate ankerite-sericite-calcite as dominant alteration;

REMARK := 205.20 205.40 Sample Au(ppb) Au(oz/t) Au(met) Ag(ppm) Ag(oz/t) As(ppm)

REMARK := 204.40 205.40 U9230 19 0.2 21

205.49 206.50 100% ALTERATION ZONE medium light , yellowish-tan; bedded; broken core;

2.5% 2.00 - 3.00 mm (with pyrite) quartz-calcite as dominant vein;
bedding at 15 degrees to core axis; 1% pyrite as disseminations;

moderate ankerite-sericite-calcite as dominant alteration;

REMARK := 205.49 206.50 Protolith - banded cherts and tuffs.

REMARK :=	205.49	206.50	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	205.40	206.50	U9231	27			0.1		20
REMARK :=	206.50	207.50	U9232	14			0.1		22
REMARK :=	207.50	208.50	U9233	11			0.1		21
REMARK :=	208.50	209.50	U9234	36			0.1		36

209.50 211.50 100% ALTERATION ZONE medium , yellowish-tan; 10% argillaceous ; interbedded;
2.5% 1.00 - 2.00 mm (with pyrite) quartz-calcite as dominant vein;
1% 1.00 - 2.00 mm (barren) calcite as secondary vein; bedding at
05 degrees to core axis; bedding at 15 degrees to core axis;
2.5% pyrite as disseminations;
fairly high ankerite-sericite-calcite as dominant alteration;

REMARK := 209.50 211.50 Protolith - banded cherts & tuffs. Bedding disrupted by

REMARK := 209.50 211.50 small shears and veining. Argillite shows small scale folding

REMARK :=	209.50	211.50	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	209.50	210.50	U9235	53			0.3		33
REMARK :=	210.5O	211.5O	U9236	57			0.2		46

211.50 213.50 CATACLASTITE palest , yellowish-tan; 20% gouge ; 40% bleached ; friable;
fragmented;
10% 0.50 to 1.00 cm (with pyrite) quartz-calcite as dominant vein;
contact at 55 degrees to core axis; 5% quartz as breccia fragments;
5% calcite as pervasive disseminated > veins, selvages and envelopes;
high ankerite-sericite-calcite as dominant alteration;

REMARK :=	211.50	213.50	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	211.50	212.50	U9237	57			0.5		50
REMARK :=	212.50	213.50	U9238	40			0.3		22

213.50 223.07 BASALT SCHIST medium , greyish-green;
5% 0.50 to 1.00 cm (barren) quartz-calcite as dominant vein;
high foliation at 45 degrees to 0.3% jasper as veins;
low chlorite-epidote-calcite as dominant alteration;

REMARK := 213.50 223.07 Protolith - possibly agglomerate tuff, agglomerate frag-

REMARK := 213.50 223.07 ments are pyroxene porphyry, pyroxene? phenos 2-5mm size

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REMARK :=	213.50	223.07	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	213.50	214.50	U9239	53			0.4		32
REMARK :=	214.50	215.50	U9240	27			0.3		22
REMARK :=	215.50	216.50	U9241	2			0.4		2
REMARK :=	216.50	217.50	U9242	2			0.1		7
REMARK :=	217.50	218.50	U9243	1			0.4		5

223.07 223.07 END OF HOLE

REMARK := SUM 223.07 223.07 Purpose:

REMARK := SUM To test the Mineral Creek/Yellows Creek fault

REMARK := SUM zone. Drillhole is part of a fan of holes intersecting the

REMARK := SUM fault zone at approximately 100m intervals.

REMARK := SUM Geol ogy and Mineralization:

REMARK := SUM 0.00 -89.70m Sequence of thick bedded, fine grained basalt

REMARK := SUM tuffs interbedded with banded cherts(5%) and massive

REMARK := SUM basalt(2-3%). Most chert beds are disrupted by small scale

REMARK := SUM localized faulting and gentle folding. The interval is cut

REMARK := SUM by several narrow alteration zones of moderate ankerite +

REMARK := SUM calcite alteration.

REMARK := SUM 89-70-101.30m Interbedded basalt tuff and "argillaceous"

REMARK := SUM chert(30%), cherts are finely banded and increase in abun-

REMARK := SUM dance as move downhole. Pyrite is present as fine

REMARK := SUM laminations running parallel to bedding.

REMARK := SUM 101.30-185.00m Interbedded basalt tuff and chert(20%) with

REMARK := SUM occasional beds of "argillaceous" chert(5%). Bedding

REMARK := SUM ranges from 30-50' with respect to core axis. Chert beds

REMARK := SUM are finely banded and display gentle folding.

DRILLHOLE: D88DU159

REMARK := SUM		185.00-211.50m Interbedded basalt tuff and "argillaceous"
REMARK := SUM		chert(20%) within this interval between 192.72-195.00m
REMARK := SUM		- zone of moderate ankerite and weak calcite alteration.
REMARK := SUM		43 grains of visible gold were observed. All gold was
REMARK := SUM		observed in narrow (0.5-1mm) quartz veins, 1 metre interval
REMARK := SUM		in this zone assayed 0.577 oz/ton (met) Au.
REMARK := SUM		211.50-213.50m Fault zone - cataclasite
REMARK := SUM	213.	50-223.07 Basalt schist - moderate to strong
REMARK := SUM		schistosity weak alteration
REMARK := SUM		223.07m EOH

WESTMIN RESOURCES LTD.
DEBBIE PROJECT

DRILLHOLE: **D88DU163**

DATE PRINTED: **April 19, 1989**

SURVEYED BY : GR COLLAR ELEV. : 0 859.90 AZIMUTH(DEGREES) : 270.00 GEOLOGGED BY : HO
TOTAL LENGTH : 294.74 NORTHING : 10779.5 VERTICAL ANGLE : -48.00 DATE(Y/M/DY) : 89 03 31
CORE DIAMETER: NQ EASTING : 0 10788.5 COORD SYSTEM : GRID TRAVERSE ATTRIB:
DRILLED BY : CONNORS HOLE STARTED : 88 11 29 HOLE ENDED : 12 04 DRILLING HOURS :

SURVEY PT NUMBER		DEPTH METRES	AZIMUTH DEGREES	ANGLE DEGREES	NORTH COORD METRES	EAST COORD METRES	ELEVATION METRES
S	1	0.00	270.00	-48.00	10779.5 0	10788.5 0	859.90
S	2	45.72	311.00	-50.00			
S	3	106.68	032.00	-50.00			
S	4	167.64	084.00	-49.00			
S	5	228.60	064.00	-49.00			
S	6	288.64	270.00	-48.00			

REMARK := SVY 0.00 0.00 Compass

REMARK := SVY 45.72 45.72 Sperry Sun

REMARK := SVY 106.68 106.68 Sperry Sun

REMARK := SVY 167.64 167.64 Sperry Sun

REMARK := SVY 228.60 228.60 Sperry Sun

REMARK := SVY 288.64 288.64 Sperry Sun

0.00 0.13 CASING

0.13 19.87 BASALTIC TUFF medium , green; 5% cherty ; interbedded; fine grained;
< 0.25 mm fine fraction size; bottom coarse fraction size;
80% coarse fraction; bottom maximum particle size;
5% 3.00 - 4.00 mm (barren) calcite as dominant vein;
0.3% 3.00 - 4.00 mm (barren) quartz-calcite as secondary vein;
tops up bedding at 35 degrees to core axis; veins at
55 degrees to core axis; 0.3% quartz as veins;
5% calcite as pervasive disseminated > veins, selvages and envelopes;
0.3% epidote pervasive; 1% pyrite as euhedral crystals;

fairly low chlorite-calcite as dominant alteration;
fairly high ankerite-calcite as secondary alteration;

REMARK := 0.13 19.87 Interbedded fine grained tuff (80%), amygdaloidal basalt

REMARK := 0.13 19.87 (15%), fine grained, finely bedded chert, epidote also

REMARK := 0.13 19.87 present as hairlike veins (1%)

REMARK := 0.13 19.87 Occasional, mealy, mottled texture (2%), graded bedding

REMARK := 0.13 19.87 Indicates tops up hole

REMARK := 0.13 19.87 Sample Au(ppb) Au(oz/t) Au(met) Ag(ppm) Ag(oz/t) As(ppm)

REMARK := 15.38 16.38 U9244 1 0.1 8

REMARK := 16.38 16.58 U9245 3 0.1 7

REMARK := 16.58 17.58 U9246 2 0.1 11

REMARK := 17.58 18.16 U9247 1 0.1 14

REMARK := 18.16 19.16 U9248 2 0.1 14

REMARK := 19.16 20.16 U9249 1 0.1 4

0.13 4.87 40% SAME AS 0.13 19.87 broken core;

4.87 8.22 100% BASALT medium , green; 10% porphyritic ; 0.3% amygdaloidal ;
amygdules 2-4 mm in diameter; 10% chlorite as phenocrysts;
fairly low epidote-calcite as dominant alteration;

16.38 16.58 100% ALTERATION ZONE medium light , yellowish-green; 5% vein breccia ; broken core;
50% 2.00 - 3.20 cm (barren) quartz-calcite as dominant vein;
5% quartz as veins;
40% calcite as pervasive disseminated < veins, selvages and envelopes;
5% ankerite pervasive;
moderate ankerite-calcite as dominant alteration;

REMARK := 16.38 16.58 Interval cut by two to three veins, frosty looking

REMARK := 16.38 16.58 irregular quartz surrounded by halos of yellow calcite

18.16 19.16 0 % SAME AS 0.13 19.87 5% pyrite as euhedral crystals;

REMARK := 18.16 19.16 Large pyrite - 4-6mm, throughout interval

19.87 31.96 BASALTIC TUFF medium light , greyish-green; 100% heterolithic; massive;
graded bedding; 1.00 - 2.00 mm fine fraction size;
1.00 - 2.00 cm coarse fraction size; 10% coarse fraction;

5.00 - 8.00 cm maximum particle size; 2.5% other siliceous clasts;
1% 1.00 - 2.00 mm (barren) quartz-calcite as dominant vein; tops up
5% calcite pervasive; 0.3% leucoxene as spots;
very low chlorite-calcite as dominant alteration;

REMARK := 19.87 31.96 Coarse grained tuff becomes coarser as move downhole,

REMARK := 19.87 31.96 lower 70cm of interval contains agglomerate fragments,

REMARK := 19.87 31.96 fragments are subrounded, amygdaloidal basalt, approx

REMARK := 19.87 31.96 2% of interval is agglomerate

REMARK :=	19.87	31.96	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	30.96	31.96	U9250	1			0.1		16

31.96 36.80 BASALTIC TUFF

medium light , green; 10% cherty ; interbedded; broken core;
< 0.25 mm fine fraction size; 0.25 - 0.50 mm coarse fraction size;
40% coarse fraction; 0.25 - 0.50 mm maximum particle size;
5% 3.00 - 4.00 mm (barren) quartz-calcite as dominant vein;
2.00 - 3.00 mm bedding at 03 degrees to core axis; bedding at
12 degrees to core axis; 5% calcite pervasive;
5% leucoxene as spots; 5% pyrite as euhedral crystals;
low chlorite-calcite as dominant alteration;

REMARK := 31.96 36.80 Broken core (15% of interval), cherty beds vein faulted

REMARK :=	31.96	36.80	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	31.96	32.96	U9251	1			0.1		14
REMARK :=	32.96	33.96	U9252	1			0.1		22
REMARK :=	33.96	34.80	U9253	1			0.1		16
REMARK :=	34.80	35.80	U9254	1			0.1		13
REMARK :=	35.80	36.80	U9255	2			0.1		20

36.80 43.28 CHERT/TUFF

dark , grey; 70% argillaceous ; 90% cherty ; broken core;
interbedded;
5% 3.20 - 5.00 cm (with pyrite) quartz-calcite as dominant vein;
bedding at 30 degrees to core axis; shear at 25 degrees to core axis;
5% calcite as pervasive disseminated < veins, selvages and envelopes;
1% chlorite as breccia fragments;
10% pyrite as pervasive disseminated < veins, selvages and envelopes;
10% graphite as coatings;

REMARK := 36.80 43.28 "Argillaceous" chert, broken, approx 5-8% graphite,

REMARK := 36.80 43.28 especially well developed along fracture planes.

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REMARK :=	36.80	43.28	Vein breccia - 5% small wormy calcite veins throughout				
REMARK :=	36.80	43.28	interval (5%). Pyrite also as smears along fractures,				
REMARK :=	36.80	43.28	also as fragments? (rare)				
REMARK :=	36.80	43.28	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	36.80	37.28	U9256	2			0.1		17
REMARK :=	37.28	38.28	U9257	10			0.4		42
REMARK :=	38.28	39.28	U9258	1			0.1		27
REMARK :=	39.28	40.28	U9259	9			0.3		58
REMARK :=	40.28	41.28	U9260	19			0.7		89
REMARK :=	41.28	42.28	U9261	13			0.3		48
REMARK :=	42.28	43.28	U9262	16			0.2		34

43.28 49.50 CHERT/TUFF

light, greyish-green; 70% cherty ; 30% argillaceous ; interbedded;
graded bedding; 1% 0.50 - 1.00 mm (barren) calcite as dominant vein;
tops up 0.50 - 1.00 mm bedding at 40 degrees to core axis;
0.50 to 1.00 cm bedding at 50 degrees to core axis;
5% calcite as pervasive disseminated > veins, selvages and envelopes;
5% pyrite as pervasive disseminated > veins, selvages and envelopes;
low calcite as dominant alteration;

REMARK :=	43.28	49.50	Interbedded with fine grained tuff, cherty tuff, and				
REMARK :=	43.28	49.50	"argillaceous" chert sulphides (pyrite) also occur as				
REMARK :=	43.28	49.50	subrounded, lozenge shaped fragments, soft sediment				
REMARK :=	43.28	49.50	deformation ie. - slump features plus graded bedding				
REMARK :=	43.28	49.50	observed, tops up				
REMARK :=	43.28	49.50	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	43.28	44.28	U9263	3			0.1		23
REMARK :=	44.28	45.28	U9264	2			0.1		16
REMARK :=	45.28	46.28	U9265	2			0.2		22
REMARK :=	46.28	47.28	U9266	1			0.1		24
REMARK :=	47.28	48.28	U9267	2			0.1		26

DRILLHOLE: D88DU163

49.50 84.70 CHERT/TUFF medium light , greyish-green; 60% cherty ; 5% argillaceous ;
interbedded; < 0.25 mm fine fraction size;
2.00 - 3.00 mm coarse fraction size; 10% coarse fraction;
3.00 - 4.00 mm maximum particle size;
5% 0.50 to 1.00 cm (barren) quartz-calcite as dominant vein;
bedding at 10 degrees to core axis; bedding at
30 degrees to core axis;
5% calcite as pervasive disseminated < veins, selvages and envelopes;
0.3% pyrite as veins and disseminations;
low calcite as dominant alteration;
high ankerite-calcite as secondary alteration;

REMARK :=	49.50	84.70	Interbedded sequence of finely bedded cherts (60%) -					
REMARK :=	49.50	84.70	Includes "argillaceous" cherts, cherty tuffs (30%)					
REMARK :=	49.50	84.70	and fine to medium grained tuffs (15%)					
REMARK :=	49.50	84.70	Beds disrupted by calcite veining, strong ankerite					
REMARK :=	49.50	84.70	alteration localized around calcite veins. Veins trend					
REMARK :=	49.50	84.70	30 to 60'.					
REMARK :=	49.50	84.70	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	52.64	53.64	U9268	1			0.1		17
REMARK :=	53.64	53.94	U9269	6			0.2		28
REMARK :=	53.94	54.94	U9270	8			0.2		25
REMARK :=	57.06	58.06	U9271	3			0.3		18
REMARK :=	53.06	58.60	U9272	6			0.1		18
REMARK :=	58.60	58.80	U9273	19			0.2		33
REMARK :=	58.80	59.80	U9274	2			0.2		14
REMARK :=	63.70	64.70	U9275	10			0.2		16
REMARK :=	64.70	65.20	U9276	42			0.2		18
REMARK :=	65.20	66.20	U9277	2			0.1		13
REMARK :=	66.20	67.28	U9278	1			0.2		14
REMARK :=	67.28	67.58	U9279	3			0.2		3
REMARK :=	67.58	68.58	U9280	1			0.1		9

REMARK :=	68.58	69.28	U9281	1	0.2	13
REMARK :=	69.28	70.00	U9282	2	0.2	20
REMARK :=	70.00	71.00	U9283	1	0.2	12
REMARK :=	71.00	71.30	U9284	200	0.3	73
REMARK :=	71.30	72.30	U9285	1	0.1	12
REMARK :=	72.30	73.20	U9286	1	0.1	14
REMARK :=	73.20	74.20	U9287	5	0.1	48
REMARK :=	74.20	75.20	U9288	15	0.2	89
REMARK :=	75.20	76.20	U9289	14	0.2	57
REMARK :=	76.20	77.20	U9290	14	0.4	48
REMARK :=	77.20	78.20	U9291	11	0.3	52
REMARK :=	83.35	84.35	U9292	1	0.1	19
REMARK :=	84.35	84.70	U9293	8	0.3	44

53.68 53.90 100% ALTERATION ZONE medium light , yellowish-green; 10% vein breccia ;
20% 2.00 - 3.20 cm (barren) calcite as dominant vein;
5% 0.50 to 1.00 cm (barren) quartz-calcite as secondary vein;
veins at 25 degrees to core axis; veins at 30 degrees to core axis;
0.3% quartz as breccia fragments; 20% calcite as veins;
as dominant alteration;
ankerite-sericite-calcite as secondary alteration;

REMARK := 53.68 53.90 Yellow calcite with a weakly developed alteration halo

58.06 58.36 100% VEIN medium light , grey; 20% vein breccia ; vuggy;
90% 20.00 - 30.00 cm (with pyrite) quartz as dominant vein; veins at
70 degrees to core axis; 0.3% pyrite as disseminations;
low ankerite-calcite as dominant alteration;

REMARK := 58.06 58.36 Fine grained grey mineral along fractured - aspy??, light

REMARK := 58.06 58.36 grey quartz vein

58.60 58.75 100% ALTERATION ZONE medium-dark , yellowish-tan; 20% argillaceous ; bedded;
10% 3.00 - 4.00 mm (barren) quartz-calcite as dominant vein;
3.00 - 4.00 mm bedding at 35 degrees to core axis;
10% quartz as veins; 0.3% calcite pervasive;
1% pyrite as disseminations;
low ankerite-calcite as dominant alteration;

REMARK := 58.60 58.75 Narrow interval interbedded chert and "argillaceous"

REMARK := 58.60 58.75 chert

64.70 65.20 20% CHERT/TUFF medium-dark , grey;
10% 3.00 - 4.00 mm (barren) quartz-calcite as dominant vein; veins at 15 degrees to core axis;. veins at 75 degrees to core axis;
very low calcite as dominant alteration;

67.28 67.58 80% SAME AS 49.50 84.70 pale, grey;
20% 0.50 to 1.00 cm (barren) quartz-calcite as dominant vein;
veins at 35 degrees to core axis; veins at 50 degrees to core axis;

REMARK := 67.28 67.58 Interval cut by several quartz calcite veins

71.00 71.30 100% ALTERATION ZONE medium light , yellowish-tan; 0.3% pyrite as disseminations;
fairly low ankerite as dominant alteration;

73.20 77.20 80% ALTERATION ZONE medium light , yellowish-tan; 20% argillaceous ; bedded;
broken core; 5% 1.00 - 2.00 mm (barren) calcite as dominant vein;
1% 1.00 - 2.00 mm (barren) quartz-calcite as secondary vein; fault at 60 degrees to core axis; bedding at 57 degrees to core axis;
10% calcite as pervasive disseminated > veins, selvages and envelopes;
moderate ankerite-sericite-calcite as dominant alteration;

REMARK := 73.20 77.20 "Argillite" and altered tuff exhibit moderate folding,

REMARK := 73.20 77.20 folding itself is disrupted by small scale faulting and

REMARK := 73.20 77.20 shearing, alteration preferential - does not affect

REMARK := 73.20 77.20 "argillaceous" cherts.

84.35 84.20 100% BASALTIC TUFF light, greenish-grey; 90% silicified ; foliated; foliation at 30 degrees to core axis; foliation at 50 degrees to core axis;
fairly high quartz-calcite as dominant alteration;

84.70 109.16 BASALTIC LAPILLI TUFF medium light , green; heterogenous; porphyritic;
5% 1.00 - 2.00 mm amphibole phenocrysts;
20% 0.50 to 1.00 cm intermediate basalt, phyric fragments;
10% 3.00 - 4.00 mm sub-angular chertfragments;
0.25 - 0.50 mm fine fraction size;
2.00 - 3.00 mm coarse fraction size; 30% coarse fraction;
3.00 - 4.00 mm maximum particle size;
5% 2.00 - 3.00 mm (barren) quartz-calcite as dominant vein; bedding at 25 degrees to core axis; veins at 40 degrees to core axis;
nil quartz 1% calcite in micro veins, in hairline fractures;
1% sericite as disseminations; ankerite as wisps;
1% pyrite as euhedral crystals;
fairly low chlorite-calcite as dominant alteration;

REMARK := 84.70 109.16 Interval consists of predominantly basalt lapilli tuff

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REMARK :=	84.70	109.16	(matrix supported), fine to medium grained thick bedded				
REMARK :=	84.70	109.16	tuff (30%), and shallow dipping, fine grained cherty-tuff				
REMARK :=	84.70	109.16	/chert (10%). Bedding undeformed.				
REMARK :=	84.70	109.16	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	84.70	85.70	U9294	10			0.1		9
REMARK :=	85.70	86.40	U9295	1			0.1		2
REMARK :=	86.40	87.14	U9296	1			0.1		2
REMARK :=	87.14	88.14	U9297	1			0.1		2
REMARK :=	88.14	88.74	U9298	1			0.1		2
REMARK :=	88.74	89.74	U9299	2			0.1		5
REMARK :=	89.74	90.74	U9300	1			0.1		9
REMARK :=	90.74	91.74	U9301.	1			0.1		13
REMARK :=	91.74	92.74	U9302	1			0.1		6
REMARK :=	105.50	106.50	U9303	64			0.1		26
REMARK :=	106.50	106.70	U9304	15			0.1		5
REMARK :=	106.70	107.68	U3711	9			0.1		6
REMARK :=	107.68	108.27	U9305	7			0.1		7
REMARK :=	108.27	108.57	U9306	9			0.1		9
REMARK :=	108.57	109.16	U9307	34			0.1		8

106.50 107.50 70% VEIN stockwork; top contact at 70 degrees to core axis; bottom contact at 50 degrees to core axis; 90% quartz in veins
5% calcite in micro veins, in hairline fractures;
0.3% pyrite as disseminations;

108.30 108.37 100% VEIN top contact at 80 degrees to core axis; bottom contact at 70 degrees to core axis; 90% quartz in veins
5% calcite in micro veins, in hairline fractures;

109.16 113.50 BASALTIC TUFF medium light , green; 10% cherty ; 10% argillaceous ; interbedded; homogenous; < 0.25 mm fine fraction size;
0.25 - 0.50 mm coarse fraction size; 10% coarse fraction;

0.25 - 0.50 mm maximum particle size; bedding at
35 degrees to core axis; 1% pyrite as disseminations;

REMARK :-	109.16	113.50	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :-	109.16	109.50	U9308	31			0.1		10
REMARK :-	109.50	110.07	U9309	805			0.6		123
REMARK :-	110.07	111.07	U9310	59			0.4		38

113.50 162.52 BASALTIC TUFF medium light , greenish-grey; 5% cherty ; interbedded;
heterogenous;
80% 1.00 - 2.00 mm sub-rounded basalt, aphyric fragments;
10% 1.00 - 2.00 mm intermediate chertfragments;
< 0.25 mm fine fraction size; 3.00 - 4.00 mm coarse fraction size;
30% coarse fraction; 0.50 to 1.00 cm maximum particle size;
5% 0.50 to 1.00 cm (barren) quartz-calcite as dominant vein; veins at
55 degrees to core axis; veins at 70 degrees to core axis;
1% quartz as veins;
5% calcite as pervasive disseminated > veins, selvages and envelopes;
2.5% epidote in veins 1% pyrite as grains/crystal aggregates 5%
epidote interstitial; fairly low calcite as dominant alteration;
very low epidote as secondary alteration;

REMARK :-	113.50	162.52	Interbedded sequence of medium to coarse grained hetero-
REMARK :-	113.50	162.52	lithic tuffs (75%)
REMARK :-	113.50	162.52	Heterolithic basalt lapilli tuff (20%) and cherty tuffs
REMARK :-	113.50	162.52	(5%), vein dips represent a range. Pyrite-bearing
REMARK :-	113.50	162.52	fragments in basalt tuffs and basalt lapilli tuffs - 1%
REMARK :-	113.50	162.52	(0.25-0.75cm). Disseminated pyrite occurs as narrow
REMARK :-	113.50	162.52	seams in association with qtz veins and epidote haloes.

REMARK :-	113.50	162.52	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :-	161.86	162.80	U9311	42			0.1		21

114.58 123.50 100% BASALTIC LAPILLI TUFF medium light , greenish-grey; 1% vein breccia ; massive;
heterogenous;
80% 1.00 - 2.00 mm sub-rounded basalt, aphyric fragments;
10% 1.00 - 2.00 mm intermediate chertfragments;
1.00 - 2.00 mm fine fraction size;
3.00 - 4.00 mm coarse fraction size; 50% coarse fraction;
0.50 to 1.00 cm maximum particle size;
5% 0.50 to 1.00 cm (barren) quartz-calcite as dominant vein;
fairly low calcite as secondary alteration;

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REMARK := 114.58 123.50 Sulphide bearing fragments - 1% (0.25-0.75cm)

136.90 141.20 0 % SAME AS 113.50 162.52 medium light , greenish-grey; fine grained;
1% pyrite as laminations or beds;

REMARK := 136.90 141.20 Contacts with overlying and underlying tuffs character-

REMARK := 136.90 141.20 lzed by thin seam of pyrite 0.25cm wide running parallel

REMARK := 136.90 141.20 to contact.

155.95 156.08 0 % SAME AS 113.50 162.52 trace calcite as dominant alteration;

REMARK := 155.95 156.08 Interval characterized by 1-2mm alteration spots - cream

REMARK := 155.95 156.08 /light tan spots (hard), nucleate around tiny fragments

REMARK := 155.95 156.08 - 0.25mm size, approx 10% spots.

162.50 249.43 BASALT MASSIVE medium , green; 5% amygdaloidal ; 5% phyric ;
amygdules 2-4 mm in diameter;
2.5% 0.50 - 1.00 mm amphibole phenocrysts;
10% 1.00 - 2.00 mm feldspar phenocrysts;
5% 0.50 to 1.00 cm (barren) quartz-calcite as dominant vein;
top unclear contact veins at 20 degrees to core axis;
5% quartz as veins;
5% calcite as pervasive disseminated > veins, selvages and envelopes;
2.5% epidote as pervasive disseminated < veins, selvages and envelopes;
1% pyrite as grains/crystal aggregates
fairly low calcite as dominant alteration;
fairly low epidote as secondary alteration;

REMARK := 162.50 249.43 Amygdules - chlorite (3%) and calcite (2%) filled,

REMARK := 162.50 249.43 occassional epidote haloes, patchy occurrences of spotty

REMARK := 162.50 249.43 alteration - shapeless cream spots 0.5-2mm, approx 8-10%,

REMARK := 162.50 249.43 occur throughout the interval. Basalt becomes finer

REMARK := 162.50 249.43 grained as move downhole.

REMARK :=	162.50	249.43	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	162.80	163.00	U9312	8			0.1		5
REMARK :=	163.00	164.00	U9313	1			0.1		2
REMARK :=	213.08	214.10	U9314	1			0.2		2
REMARK :=	214.10	214.50	U9315	5			0.1		7

REMARK :-	214.50	215.50	U9316	13		0.1	5
REMARK :-	227.60	228.60	U9317	3		0.1	2
REMARK :-	228.60	228.96	U9318	4		0.1	4
REMARK :-	228.96	229.96	U9319	1		0.1	6

162.80 162.90 100% VEIN 90% quartz as veins;
10% calcite in micro veins, in hairline fractures;

113.20 113.80 0 % SAME AS 162.50 249.43 1% gouge ; crackle breccia ;
2.5% 3.00 - 4.00 mm (barren) quartz-calcite as dominant vein;

214.10 214.50 100% ALTERATION ZONE light, greyish-green; stockwork; veins at 20 degrees to core axis;
veins at 30 degrees to core axis; 20% quartz as veins;
2.5% calcite in micro veins, in hairline fractures;
fairly low ankerite-calcite as dominant alteration;

228.60 228.73 100% VEIN BRECCIA bottom contact at 70 degrees to core axis;
5% calcite as breccia matrix;

249.43 255.50 BASALT MASSIVE medium light , yellowish-green; 100% altered; pillow/flow contact;
broken core; 2.5% 0.50 - 1.00 mm amphibole phenocrysts;
5% 2.00 - 3.00 mm (barren) quartz-calcite as dominant vein;
top gradational contact at bottom unclear contact 5% quartz as veins;
5% calcite as pervasive disseminated > veins, selvages and envelopes;
1% epidote in micro veins, in hairline fractures;
moderate sericite-calcite as dominant alteration;
fairly low epidote as secondary alteration;

REMARK :-	249.43	255.50	Blotchy alteration, strongest between 251.56 to 252.16m.					
REMARK :-	249.43	255.50	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :-	249.56	250.56	U9320	3			0.1		8
REMARK :-	250.56	251.56	U9321	6			0.1		10
REMARK :-	251.56	252.16	U9322	1			0.1		5
REMARK :-	252.16	252.90	U9323	1			0.1		3
REMARK :-	252.90	253.90	U9324	2			0.1		4
REMARK :-	253.90	254.90	U9325	2			0.1		4
REMARK :-	254.90	255.90	U9326	1			0.1		5

255.50 265.22 BASALT medium , greyish-green; foliated; broken core;
10% 3.00 - 4.00 mm (barren) quartz-calcite as dominant vein;
foliation at 55 degrees to core axis; veins at

60 degrees to core axis; 10% quartz as veins;
5% calcite as pervasive disseminated > veins, selvages and envelopes;
2.5% epidote in micro veins, in hairline fractures;
2.5% chlorite as replaced phenocrysts;
low sericite-calcite as dominant alteration;
low chlorite-calcite as secondary alteration;

REMARK := 255.50 265.22 Quartz veins vary in thickness from hairlike veins to

REMARK := 255.50 265.22 2cm wide veins, are frequently broken and disrupted by

REMARK := 255.50 265.22 the pervasive foliation.

REMARK := 255.50 265.22 Sample Au(ppb) Au(oz/t) Au(met) Ag(ppm) Ag(oz/t) As(ppm)

REMARK :=	255.90	256.90	U9327	5		0.1	2
REMARK :=	256.90	257.90	U9328	1		0.1	3
REMARK :=	257.90	258.90	U9329	3		0.1	7
REMARK :=	258.90	259.90	U9330	1		0.1	14
REMARK :=	259.90	260.90	U9331	2		0.1	15
REMARK :=	260.90	261.90	U9332	2		0.1	11
REMARK :=	261.90	262.90	U9333	1		0.1	9
REMARK :=	262.90	263.90	U9334	3		0.1	8
REMARK :=	263.90	264.90	U9335	1		0.1	13

265.22 271.15 FAULT ZONE medium , greyish-green; 30% cataclasite ; 30% altered; friable;
crackle breccia ; top contact at 50 degrees to core axis;
bottom unclear contact high sericite-ankerite as dominant alteration;
fairly low calcite as secondary alteration;

265.22 266.90 100% CATACLASTITE medium light , yellowish-tan; fragmented; heterogenous;
foliation at 50 degrees to core axis; 60 degrees to core axis;
5% calcite as pervasive disseminated < veins, selvages and envelopes;
5% sericite as gouge; 1% chlorite as gouge; 5% ankerite pervasive;

REMARK := 265.22 266.90 Fragments - 20% quartz-calcite vein material, 70% altered

REMARK := 265.22 266.90 wallrock (basalt), 10% gouge (sericite + ankerite,

REMARK := 265.22 266.90 possibly sulphides < 0.5%)

REMARK := 265.22 266.90 Sample Au(ppb) Au(oz/t) Au(met) Ag(ppm) Ag(oz/t) As(ppm)

REMARK :=	264.90	265.90	U9336	51		0.2	30

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REMARK := 265.90 266.90 U9337 40 0.3 46

266.90 271.15 0 % SAME AS 265.22 271.15 medium , greyish-green; 2.5% gouge ; crackle breccia ; friable;
1% clay as gouge; 1% sericite as gouge;

REMARK := 266.90 271.15 Resembles "felsic" unit seen in 1987 Yellow "gopher"

REMARK := 266.90 271.15 holes, but not as siliceous.

REMARK := 266.90 271.15 Sample Au(ppb) Au(oz/t) Au(met) Ag(ppm) Ag(oz/t) As(ppm)

REMARK := 266.90 267.90 U9338 2 0.1 11

REMARK := 267.90 268.90 U9339 2 0.3 6

REMARK := 268.90 269.90 U9340 1 0.1 6

REMARK := 269.90 271.00 U9341 1 0.1 6

271.15 284.00 BASALTIC TUFF medium light , grey; 5% cherty ; mealy and/or grainy;
< 0.25 mm fine fraction size; 0.50 - 1.00 mm coarse fraction size;
10% coarse fraction; 0.50 - 1.00 mm maximum particle size;
10% 0.50 to 1.00 cm (barren) quartz-calcite as dominant vein;
veins at 45 degrees to core axis; veins at 50 degrees to core axis;
10% quartz as veins;
5% calcite as pervasive disseminated < veins, selvages and envelopes;
fairly low sericite-calcite as dominant alteration;

271.15 277.10 0 % SAME AS 271.15 284.00 10% 0.50 to 1.00 cm (barren) quartz-calcite as dominant vein;
2.5% calcite as patches; 1% jasper
In micro veins, in hairline fractures;

REMARK := 271.15 277.10 Quartz-calcite vein 25cm wide between 276.85 - 277.10m.

REMARK := 271.15 277.10

REMARK := 271.15 277.10 Sample Au(ppb) Au(oz/t) Au(met) Ag(ppm) Ag(oz/t) As(ppm)

REMARK := 271.00 272.00 U9342 1 0.1 9

REMARK := 272.00 273.00 U9343 1 0.1 8

REMARK := 273.00 274.00 U9344 1 0.1 24

REMARK := 274.00 275.00 U9345 1 0.1 27

REMARK := 275.00 276.10 U9346 1 0.1 39

REMARK := 276.10 277.10 U9347 1 0.1 81

REMARK := 277.10 277.70 U9348 1 0.1 43

REMARK :- 277.70 278.10 U9349 1 0.1 37

281.38 282.00 100% BASALT DYKE dark , green; porphyritic; massive;
5% 0.50 - 1.00 mm feldspar phenocrysts;
5% 1.00 - 2.00 mm (barren) quartz-calcite-sericite as dominant vein;
top contact at 40 degrees to core axis; bottom contact at
60 degrees to core axis;
2.5% calcite in micro veins, in hairline fractures;
1% sericite in micro veins, in hairline fractures;

REMARK :- 281.38 282.00 Both contacts are defined by veins.

282.00 284.00 0 % SAME AS 271.15 284.00 medium , yellowish-green; porphyritic;

REMARK :- 282.00 284.00 Yellow-tan coloured phenocrysts 2-5mm, 8-10%, hard,

REMARK :- 282.00 284.00 ankerite altered/replaced phenocrysts. No distinct out-

REMARK :- 282.00 284.00 line, some resemble a cluster of phenocrysts, amphibole?,

REMARK :- 282.00 284.00 feldspar?

REMARK :- 282.00 284.00 Sample Au(ppb) Au(oz/t) Au(met) Ag(ppm) Ag(oz/t) As(ppm)

REMARK :- 283.00 284.00 U9350 1 0.1 9

284.00 294.74 BASALT SCHIST medium light , greyish-green; crackle breccia ;
5% 2.00 - 3.00 mm (barren) quartz-calcite as dominant vein;
fairly low foliation at 30 degrees to fairly high foliation at
85 degrees to core axis; 2.5% quartz as veins; 5% calcite as veins;
5% sericite interstitial;

REMARK :- 284.00 294.74 Pyrite observed as a fine grained crystal aggregate

REMARK :- 284.00 294.74 following schistocity (60') between 293.25 to 293.30m,

REMARK :- 284.00 294.74 approx 2% of entire interval.

REMARK :- 284.00 294.74 Sample Au(ppb) Au(oz/t) Au(met) Ag(ppm) Ag(oz/t) As(ppm)

REMARK :- 284.00 285.00 U9351 1 0.1 3

REMARK :- 285.00 286.00 U9352 3 0.1 6

REMARK :- 286.00 286.80 U9353 3 0.1 6

REMARK :- 286.80 287.80 U9354 1 0.1 4

REMARK :- 287.80 288.80 U9355 1 0.1 8

REMARK :- 288.80 289.80 U9356 1 0.3 3

REMARK :=	289.80	290.80	U9357	1	0.1	7
REMARK :=	290.80	291.80	U9358	3	0.1	5
REMARK :=	291.80	292.80	U9359	9	0.3	25
REMARK :=	292.80	293.80	U9360	53	0.8	7

294.74 294.74 END OF HOLE

REMARK := SUM Purpose:

REMARK := SUM To test the Mineral Creek/Yellows Creek fault zone

REMARK := SUM Drillhole is part of a fan of holes intersecting the fault

REMARK := SUM zone at approximately 100m intervals.

REMARK := SUM Geology and Mineralization:

REMARK := SUM 0.13-19.87 Interbedded fine grained basalt tuff(80%),

REMARK := SUM amygdaloidal basalt(15%) and finely banded chert(5%), tops

REMARK := SUM uphole - graded bedding, bedding 35' with respect to core

REMARK := SUM axis

REMARK := SUM 19.87-31.96 Minor agglomerate lapilli tuff at bottom of

REMARK := SUM interval grading upwards into a coarse grained tuff

REMARK := SUM 31.96-36.80 Interbedded tuff and banded cherts(10%)

REMARK := SUM 03-12' bedding

REMARK := SUM 36.80-49.50 Interbedded cherts and "argillaceous" cherts

REMARK := SUM (30-70%), graphite present along fracture surfaces, bedding

REMARK := SUM 30-40' with respect to core axis

REMARK := SUM 49.50-84.70 Cherts - occasional "argillaceous" cherts(5%),

REMARK := SUM bedding 10-20'. Interval characterized by narrow calcite

REMARK := SUM veins(5-8%) and weak ankerite + calcite alteration zones

REMARK := SUM 84.70-162.50 Interbedded matrix supported, heterolithic

REMARK := SUM lapilli tuffs(50%), fine to medium grained, thick bedded

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REMARK := SUM	tuffs(40%) and cherty-tuffs + cherts(10%)
REMARK := SUM	162.50-249.43 Amygdaloidal basalt porphyritic Fx 10%, Ax
REMARK := SUM	2.5%
REMARK := SUM	249.43-265.22 Basalt - Ax 2.5%, blotchy alteration,
REMARK := SUM	foliated
REMARK := SUM	265.22-271.15 Fault zone - cataclasite(80%), felsic unit
REMARK := SUM	(20%)
REMARK := SUM	271.15-284.00 Basalt tuff cut by 60cm wide basalt dyke
REMARK := SUM	284.00-294.74 Basalt schist, weak to moderate schistocity,
REMARK := SUM	no alteration
REMARK := SUM	294.74 EOH

WESTMIN RESOURCES LTD.
DEBBIE PROJECT

DRILLHOLE: **D88DU165**

DATE PRINTED: June 20, 1989

SURVEYED BY : COLLAR ELEV. : 859.90 AZIMUTH(DEGREES) : 270.00 GEOLOGGED BY : H0
TOTAL LENGTH : 410.89 NORTHING : 10779.5 VERTICAL ANGLE : -62.00 DATE(Y/M/DY) : 89 03 09
CORE DIAMETER: NQ EASTING : 10788.5 COORD SYSTEM : GRID TRAVERSE ATTRIB:
DRILLED BY : CONNORS HOLE STARTED : 88 12 04 HOLE ENDED : 12 11 DRILLING HOURS :

SURVEY PT NUMBER		DEPTH METRES	AZIMUTH DEGREES	ANGLE DEGREES	NORTH COORD METRES	EAST COORD METRES	ELEVATION METRES
S	1	0.00	270.00	-62.00	10779.5	10788.5	859.90
S	2	60.35	270.00	-63.50			
S	3	121.31	271.00	-64.00			
S	4	182.27	271.00	-64.00			
S	5	246.28	272.00	-63.50			
S	6	307.24	270.00	-63.50			
S	7	368.20	272.00	-64.00			
S	8	410.87	270.00	-63.50			

REMARK := SVY 0.00 0.00 Compass

REMARK := SVY 60.35 60.35 Sperry sun

REMARK := SVY 121.31 121.31 Sperry sun

REMARK := SVY 182.27 182.27 Sperry sun

REMARK := SVY 246.28 246.28 Sperry sun

REMARK := SVY 307.24 307.24 Sperry sun

REMARK := SVY 368.20 368.20 Sperry sun

REMARK := SVY 410.87 410.87 Sperry sun

0.00 26.67 BASALTIC TUFF medium , green; 5% cherty ; interbedded; homogenous;
80% 0.50 - 1.00 mm intermediate basalt, aphyric fragments;
2.5% 0.50 - 1.00 mm intermediate chertfragments;
0.25 - 0.50 mm fine fraction size;
2.00 - 3.00 mm coarse fraction size; 10% coarse fraction;
0.50 to 1.00 cm maximum particle size;

5% 0.50 to 1.00 cm (barren) quartz-calcite as dominant vein; veins at
30 degrees to core axis;· 2.5% quartz as veins;
5% calcite as pervasive disseminated > veins, selvages and envelopes;
1% pyrite as euhedral crystals;
low chlorite-calcite as dominant alteration;

REMARK := 0.00 26.67 Basalt tuff interbedded with amygdaloidal basalt (10%)

REMARK := 0.00 26.67 and banded chert (8%)

REMARK := 0.00 26.76 Sample Au(ppb) Au(oz/t) Au(met) Ag(ppm) Ag(oz/t) As(ppm)

REMARK := 25.82 26.82 U3551 4 0.2 18

0.00 1.38 0 % SAME AS 0.00 26.67 broken core;

REMARK := 0.00 1.38 Ground core

2.62 3.18 100% ALTERATION ZONE pale, green; 90% silicified ; broken core;
5% 1.00 - 2.00 mm (barren) quartz-calcite as dominant vein;
high quartz as dominant alteration;

3.18 3.28 100% ALTERATION ZONE light, yellowish-tan; broken core;
10% 1.00 - 2.00 mm (barren) calcite as dominant vein;
moderate ankerite-calcite as dominant alteration;

23.60 24.31 100% CHERT/TUFF light, green; banded; top contact at 45 degrees to core axis;
bottom contact at 60 degrees to core axis;
0.3% pyrite as disseminations;
fairly low calcite as dominant alteration;

REMARK := 23.60 24.31 Bedding at 65' to core axis, 0.5 to 1cm thick

26.67 46.96 CHERT/TUFF light, greyish-green; 40% argillaceous ; 5% breccia ; bedded;
interbedded;
5% 0.50 to 1.00 cm (barren) quartz-calcite as dominant vein;
bedding at 35 degrees to core axis; bottom contact at
45 degrees to core axis; 2.5% quartz as veins;
5% calcite as pervasive disseminated > veins, selvages and envelopes;
1% pyrite as disseminations;
fairly low sericite-calcite as dominant alteration;

REMARK := 26.67 46.96 Interbedded with fine grained basalt tuff(5%)

26.67 36.60 100% CHERT/TUFF light, greyish-green; 40% argillaceous ; 5% breccia ; micro-veined;
broken core;
5% 0.50 to 1.00 cm (barren) quartz-calcite as dominant vein;
2.00 - 3.00 mm bedding at 35 degrees to core axis;
2.00 - 3.00 mm bedding at 70 degrees to core axis;
5% clay as pervasive disseminated > veins, selvages and envelopes;
2.5% pyrite as laminations or beds;
fairly low sericite-calcite as dominant alteration;

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REMARK :=	26.67	36.60	Interbedded dk grey "argillaceous" chert and light					
REMARK :=	26.67	36.60	green chert, brecciated between 34.36 to 34.60m.					
REMARK :=	26.67	36.60	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	26.82	27.38	U3552	2			0.6		61
REMARK :=	27.38	28.34	U3553	3			0.1		12
REMARK :=	28.34	29.34	U3554	14			0.4		42
REMARK :=	29.34	30.30	U3555	8			0.5		27
REMARK :=	30.30	31.00	U3556	6			0.5		26
REMARK :=	31.00	32.00	U3557	5			0.1		17
REMARK :=	32.00	33.00	U3558	4			0.1		22
REMARK :=	33.00	34.00	U3559	3			0.2		16
REMARK :=	34.00	35.00	U3560	18			0.3		16
REMARK :=	35.00	35.60	U3561	3			0.2		30
REMARK :=	35.60	36.60	U3562	11			0.3		45

36.60 46.96 100% CHERT/TUFF medium , green; 2.5% argillaceous ; interbedded;
5% 1.00 - 2.00 mm (barren) quartz-calcite as dominant vein;
0.50 to 1.00 cm bedding at 50 degrees to core axis;
1% sericite as disseminations; 0.3% pyrite as laminations or beds;
low sericite-calcite as dominant alteration;

REMARK :=	36.60	46.96	Interbedded with fine grained tuff(40%)					
REMARK :=	36.60	46.96	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	36.60	37.60	U3563	3			0.2		16
REMARK :=	37.60	38.20	U3564	4			0.2		21
REMARK :=	38.20	39.20	U3565	4			0.2		20
REMARK :=	39.20	40.20	U3566	3			0.2		3
REMARK :=	40.20	41.20	U3567	3			0.2		18
REMARK :=	41.20	42.11	U3568	1			0.3		21
REMARK :=	42.11	43.11	U3569	1			0.2		13

REMARK :=	43.11	44.11	U3570 2	0.3	32
REMARK :=	44.11	45.11	U3571 8	0.2	34
REMARK :=	45.11	46.11	U3572 3	0.4	40
REMARK :=	46.11	47.11	U3573 8	0.1	60

46.96 53.16 BASALTIC TUFF medium light , green; 5% cherty ; homogenous; interbedded;
5% 1.00 - 2.00 mm (barren) quartz-calcite as dominant vein;
low sericite-calcite as dominant alteration;

53.16 59.57 BASALTIC LAPILLI TUFF medium light , green; heterogenous;
20% 1.00 - 2.00 cm intermediate basalt, phyric fragments;
5% 0.50 to 1.00 cm intermediate siliceous/silicified fragmentfragments;
0.25 - 0.50 mm fine fraction size;
3.00 - 4.00 mm coarse fraction size; 10% coarse fraction;
3.00 - 4.00 mm maximum particle size;
2.5% 2.00 - 3.00 mm (barren) quartz-calcite as dominant vein;
veins at 65 degrees to core axis; bottom contact at
25 degrees to core axis; 1% quartz as veins;
5% calcite as pervasive disseminated > veins, selvages and envelopes;
2.5% leucoxene as disseminations; 2.5% pyrite as disseminations;
very low sericite-calcite as dominant alteration;

59.57 63.94 CHERT/TUFF medium light , green; 20% cherty ; interbedded; broken core;
2.5% 2.00 - 3.00 mm (barren) quartz-calcite as dominant vein;
top contact at 25 degrees to core axis; bottom contact at
65 degrees to core axis; 1% quartz as veins;
2.5% calcite as pervasive disseminated > veins, selvages and envelopes;
0.3% leucoxene as disseminations; 1% pyrite as disseminations;
low sericite-calcite as dominant alteration;

REMARK :=	59.57	63.94	Bedding at 65' to core acis			
REMARK :=	59.57	63.94	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	60.20	61.20	U3574	4		0.2	14
REMARK :=	61.20	61.50	U3575	17		0.2	24
REMARK :=	61.50	62.32	U3576	6		0.1	14
REMARK :=	62.32	63.44	U3577	5		0.1	10

61.28 61.44 90% VEIN palest , yellowish-tan; 10% breccia ; 10% quartz as veins;
80% calcite as veins; 0.3% pyrite as disseminations;

REMARK := 62.28 61.44 Vein is vuggy

63.94 81.98 CHERT/TUFF medium-dark , green; 30% argillaceous ; 20% altered; interbedded;
2.5% 2.00 - 3.00 mm (barren) quartz-calcite as dominant vein;
bedding at 65 degrees to core axis; bottom unclear contact
2.5% quartz as veins;

5% calcite as pervasive disseminated > veins, selvages and envelopes;
1% leucoxene as disseminations; 5% pyrite as laminations or beds;
low sericite-calcite as dominant alteration;
moderate ankerite-sericite-calcite as secondary alteration;

REMARK := 63.94 81.98 Soft sediment deformation observed - flame structures?,

REMARK := 63.94 81.98 beds are disrupted by small scale faulting "argillaceous"

REMARK := 63.94 81.98 cherts interbedded with fine grained basalt tuff(25%)

REMARK :=	63.94	81.98	Sample	Au(ppb)	Au(oz/t)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	63.44	64.44	U3578	5		0.1		19
REMARK :=	64.44	65.44	U3579	2		0.2		22
REMARK :=	65.44	66.44	U3580	14		0.4		33
REMARK :=	66.44	67.44	U3581	325		2.2		61
REMARK :=	67.44	68.44	U3582	51		0.8		24
REMARK :=	68.44	69.44	U3583	22		0.5		24
REMARK :=	69.44	70.49	U3584	10		0.2		22
REMARK :=	72.54	73.54	U3587	38		0.6		55
REMARK :=	73.54	74.64	U3588	30		0.6		40
REMARK :=	78.63	78.93	U3593	12		0.3		15
REMARK :=	78.93	79.64	U3594	18		0.3		33
REMARK :=	79.64	79.94	U3595	186		3.7		113
REMARK :=	79.94	80.44	U3596	26		0.5		27
REMARK :=	80.44	80.98	U3597	19		0.4		33
REMARK :=	80.98	81.98	U3598	24		0.3		53

70.49 72.64 100% ALTERATION ZONE medium light , yellowish-tan; 20% cherty ; 5% silicified ;
broken core; interbedded;
5% 1.00 - 2.00 mm (barren) quartz-calcite as dominant vein;
top contact at 70 degrees to core axis; bottom unclear contact
2.5% quartz as veins;
5% calcite as pervasive disseminated > veins, selvages and envelopes;
1% pyrite as disseminations;
moderate ankerite-sericite-calcite as dominant alteration;
extremely high fuchsite as secondary alteration;

REMARK := 70.49 72.64 Protolith - interbedded cherts and tuffs(80%)

REMARK :=	70.49	72.64	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	70.49	71.49	U3585	9			0.2		18
REMARK :=	71.49	72.54	U3586	6			0.2		12

74.64 78.75 80% BASALTIC LAPILLI TUFF medium light , yellowish-green; 50% altered; 5% cherty ; heterogenous; interbedded;
20% 0.50 to 1.00 cm intermediate altered unknown fragments;
5% 1.00 - 2.00 cm intermediate siliceous/silicified fragmentfragments;
0.50 - 1.00 mm fine fraction size;
1.00 - 2.00 mm coarse fraction size; 30% coarse fraction;
3.00 - 4.00 mm maximum particle size;
5% 2.00 - 3.00 mm (barren) quartz-calcite as dominant vein;
top contact at 70 degrees to core axis; bottom unclear contact
2.5% quartz as veins;
5% calcite as pervasive disseminated > veins, selvages and envelopes;
2.5% leucoxene as disseminations; 1% pyrite as disseminations;
fairly high ankerite-sericite-calcite as dominant alteration;
extremely high fuchsite as secondary alteration;

REMARK :=	74.64	78.75	Lapilli tuff interbedded with 15% tuff and 5% banded chert						
REMARK :=	74.64	78.75	bedding poorly developed at 50 to 60' to core axis, vein-						
REMARK :=	74.64	78.75	ing trends at an average of 50' to core axis.						
REMARK :=	74.64	78.75	Alteration between 74.64 to 75.64m						
REMARK :=	74.64	78.75	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	74.64	75.64	U3589	7			0.1		7
REMARK :=	75.64	76.64	U3590	6			0.1		9
REMARK :=	76.64	77.63	U3591	3			0.1		3
REMARK :=	77.63	78.63	U3592	9			0.1		19

81.98 124.92 BASALTIC TUFF medium , green; 5% cherty ; thick bedded; graded bedding;
0.25 - 0.50 mm fine fraction size;
1.00 - 2.00 mm coarse fraction size; 30% coarse fraction;
3.00 - 4.00 mm maximum particle size;
5% 2.00 - 3.00 mm (barren) quartz-calcite as dominant vein; bedding at
30 degrees to core axis; 2.5% quartz as veins;
calcite as grains/crystal aggregates 60% clay
0.3% pyrite as disseminations;
low chlorite-calcite as dominant alteration;

REMARK :=	81.98	124.92	Repeating sequence of heterolithic basalt lapilli tuff
REMARK :=	81.98	124.92	grading up hole into a finer basalt tuff and occassionally

REMARK := 81.98 124.92 into a banded chert. Lapilli tuff beds approx 30-40cm

REMARK := 81.98 124.92 thick, comprise 10% of sequence, fragments matrix-

REMARK := 81.98 124.92 supported and composed of 80% aphyric basalt, 15% chert, 5%

REMARK := 81.98 124.92 silicified fragments. Fragments - 0.4 to 4cm size, sub-

REMARK := 81.98 124.92 angular. Upper 20m of interval composed of coarse grained

REMARK := 81.98 124.92 tuff grading up into a fine grained tuff, beds approx. 1m

REMARK := 81.98 124.92 in thickness. Below 100m mark becomes lapilli tuff grading

REMARK := 81.98 124.92 into tuff, beds approx 0.80 to 1.5m thick.

REMARK :=	81.98	124.92	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	81.98	83.38	U3599	7			0.1		22
REMARK :=	83.38	83.84	U3600	19			0.1		12

113.40 114.40 0 % SAME AS 81.98 124.92 medium , green; 80% altered;

REMARK := 113.40 114.40 Spotted alteration white coloured halo around small(0.25mm)

REMARK := 113.40 114.40 fragments(hard) 10%, concentrated into a band in the upper

REMARK := 113.40 114.40 10cm, evenly distributed downhole

117.45 118.15 80% ALTERATION ZONE medium light , yellowish-tan; 1% gouge ; broken core;
5% variable (barren) quartz-calcite as dominant vein;
fairly high ankerite-sericite-calcite as dominant alteration;
low chlorite as secondary alteration;

REMARK :=	117.45	118.15	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	116.45	117.45	U3601	2			0.1		14
REMARK :=	117.45	118.15	U3602	7			0.3		21
REMARK :=	118.15	119.15	U3603	7			0.2		17
REMARK :=	119.15	120.20	U3604	3			0.1		13

122.35 122.55 0 % SAME AS 81.98 124.92 broken core;

122.55 122.70 80% VEIN medium , grey; stockwork; 80% quartz as veins;
20% calcite interstitial;
2.5% sericite in micro veins, in hairline fractures;
1% pyrite in micro veins, in hairline fractures;

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REMARK := 122.55 122.70 Grey qtz - possibly aspy?

REMARK := 122.55 122.70 Sample Au(ppb) Au(oz/t) Au(met) Ag(ppm) Ag(oz/t) As(ppm)

REMARK := 120.20 121.20 U3605 7 0.1 14

REMARK := 121.20 122.20 U3606 14 0.2 23

REMARK := 122.20 122.75 U3607 34 0.3 21

REMARK := 122.75 123.75 U3608 9 0.1 13

124.92 163.98 BASALT MASSIVE medium light , green; amygdules 2-4 mm in diameter;
1% 1.00 - 2.00 mm feldspar phenocrysts;
5% 2.00 - 3.00 mm (barren) quartz-calcite as dominant vein;
top contact at 40 degrees to core axis; 2.5% quartz as veins;
10% calcite as pervasive disseminated < veins, selvages and envelopes;
5% epidote in micro veins, in hairline fractures;
5% chlorite as replaced phenocrysts; 1% pyrite as euhedral crystals;
fairly low epidote as dominant alteration;

REMARK := 124.92 163.98 Interbedded with occasional narrow tuff beds(5-8%)

159.75 159.90 100% VEIN 1% gouge ; top contact at 35 degrees to core axis; bottom contact at 30 degrees to core axis; 70% quartz as veins; 30% calcite as veins;

162.55 162.93 100% VEIN top contact at 30 degrees to core axis; bottom contact at 27 degrees to core axis; 70% quartz as veins; 30% calcite as veins;

163.98 224.20 BASALT MASSIVE medium , green; 5% porphyritic ; mealy and/or grainy;
5% variable (barren) quartz-calcite as dominant vein;
bottom gradational contact at 2.5% quartz as veins;
5% calcite as pervasive disseminated > veins, selvages and envelopes;
2.5% epidote pervasive; 2.5% chlorite as replaced phenocrysts;
fairly low epidote-calcite as dominant alteration;
fairly low chlorite as secondary alteration;

REMARK := 163.98 224.20 Also tan to light green phenocrysts, subhedral, 2-5mm size,

REMARK := 163.98 224.20 2%, possibly altered amphibole, pyroxene? Possibly pyroxene

REMARK := 163.98 224.20 phyric andesite??

202.24 202.37 80% VEIN white , white; 40% quartz as veins; 40% calcite as veins;
1% chlorite as fragments/clasts

224.20 353.30 BASALT MASSIVE medium light , greyish-green; 40% altered; 2.5% amygdaloidal ;
amygdules < 2 mm in diameter; pillow/flow contact;
2.5% 0.50 - 1.00 mm feldspar phenocrysts;
10% variable (barren) quartz-calcite as dominant vein; veins at
30 degrees to core axis; veins at 50 degrees to core axis;
5% quartz as veins;

10% calcite as pervasive disseminated > veins, selvages and envelopes;
10% chlorite as replaced phenocrysts; 1% leucoxene as disseminations;
1% pyrite as euhedral crystals; 0.3% fuchsite as wisps;
fairly low chlorite-epidote-calcite as dominant alteration;

REMARK := 224.20 353.30 Minor interbeds of a fine grained basalt tuff, silicified

REMARK := 224.20 353.30 tuff/chert comprise less than 1% of interval.

REMARK := 224.20 353.30 Chlorite also occurs as fracture filling material - 5%

241.40 242.60 0 % SAME AS 224.20 353.30 2.5% pyrite as euhedral crystals;

REMARK := 241.40 242.60 Large (0.5-1.5cm) cubes pyrite

243.50 258.47 10% SAME AS 224.20 353.30 medium light , green; foliated;
10% variable (barren) quartz-calcite as dominant vein; foliation at
40 degrees to core axis; 2.5% pyrite as euhedral crystals;
moderate epidote-calcite as dominant alteration;
low sericite as secondary alteration;

267.40 276.05 0 % SAME AS 224.20 353.30 medium , greyish-green; 10% silicified ; 100% altered; stockwor
10% variable (with pyrite) quartz-calcite as dominant vein;
10% pyrite as grains/crystal aggregates
fairly low chlorite-epidote-calcite as dominant alteration;

REMARK := 267.40 276.05 Lower 1m of interval very siliceous. Chert? or silicified,

REMARK := 267.40 276.05 no bedding - probably silicified, pyrite also occurs as

REMARK := 267.40 276.05 large 0.5-1.25cm euhedral crystals, 1%. Interval between

REMARK := 267.40 276.05 274.30-274.50m, 80% light grey quartz veln, 15% fine

REMARK := 267.40 276.05 grained pyrite.

REMARK :=	267.40	276.05	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	267.40	268.40	U3609	12			0.3		12
REMARK :=	268.40	269.40	U3610	5			0.3		13
REMARK :=	269.40	270.40	U3611	3			0.1		13
REMARK :=	270.40	271.40	U3655	1			0.2		5
REMARK :=	271.40	272.30	U3656	1			0.3		9
REMARK :=	272.30	273.30	U3612	5			0.2		15
REMARK :=	273.30	274.30	U3613	5			0.1		18

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REMARK := 274.30 274.50 U3614 15 0.4 16

REMARK := U3615 No sample

REMARK := 274.50 275.05 U3616 12 0.2 17

REMARK := 275.05 276.05 U3617 9 0.1 9

291.18 291.58 40% VEIN medium light , green; stockwork;
40% variable (barren) quartz-calcite as dominant vein;
30% quartz as veins;
20% calcite as pervasive disseminated < veins, selvages and envelopes;
0.3% pyrite as disseminations;
fairly low sericite-calcite as dominant alteration;
low ankerite as secondary alteration;

REMARK := 291.18 291.58 Sample Au(ppb) Au(oz/t) Au(met) Ag(ppm) Ag(oz/t) As(ppm)

REMARK := 291.18 291.58 U3618 4 0.2 20

REMARK := 291.58 292.35 U3619 2 0.1 23

292.35 392.95 30% VEIN medium light , green; stockwork;
30% variable (barren) quartz-calcite as dominant vein;
20% quartz as veins;
20% calcite as pervasive disseminated < veins, selvages and envelopes;
0.3% pyrite as disseminations;
fairly low sericite-calcite as dominant alteration;
very low ankerite as secondary alteration;

REMARK := 292.35 392.95 Sample Au(ppb) Au(oz/t) Au(met) Ag(ppm) Ag(oz/t) As(ppm)

REMARK := 292.35 292.95 U3620 10 0.3 17

REMARK := 292.95 293.95 U3621 5 0.1 15

304.06 312.84 100% ALTERATION ZONE light, yellowish-green; 2.5% altered; 1% gouge ;
amygdules 2-4 mm in diameter; stockwork;
20% variable (barren) quartz-calcite as dominant vein; shear at
40 degrees to core axis; 10% quartz as veins;
10% calcite as pervasive disseminated > veins, selvages and envelopes;
5% epidote in micro veins, in hairline fractures;
5% sericite in micro veins, in hairline fractures;
fairly low epidote-calcite as dominant alteration;
fairly low sericite as secondary alteration;

REMARK := 304.06 312.84 Sample Au(ppb) Au(oz/t) Au(met) Ag(ppm) Ag(oz/t) As(ppm)

REMARK := 303.06 304.06 U3622 3 0.1 12

REMARK := 304.06 305.04 U3623 212 0.4 69

REMARK :≈	305.04	305.84	U3624	5	0.1	21
REMARK :≈	305.84	306.84	U3625	12	0.1	19
REMARK :≈	306.84	307.84	U3626	2	0.1	12
REMARK :≈	307.84	308.84	U3627	8	0.2	10
REMARK :≈	308.84	309.84	U3628	28	0.1	15
REMARK :≈	309.84	310.84	U3629	34	0.2	23
REMARK :≈	310.84	311.84	U3630	13	0.2	17
REMARK :≈	311.84	312.84	U3631	112	0.2	41
REMARK :≈	312.84	313.84	U3632	70	0.3	31

316.10 320.65 100% ALTERATION ZONE pale, yellowish-green; 80% altered; foliated;
10% variable (barren) quartz-calcite as dominant vein; shear at
30 degrees to core axis; foliation at 35 degrees to core axis;
5% quartz as veins;
5% calcite as pervasive disseminated > veins, selvages and envelopes;
5% epidote in micro veins, in hairline fractures;
5% sericite in micro veins, in hairline fractures;
1% pyrite as disseminations;
moderate ankerite-sericite-calcite as dominant alteration;
fairly low epidote as secondary alteration;

REMARK :≈ 316.10 320.65 Interval composed of 70% altered amygdaloidal basalt, are

REMARK :≈ 316.10 320.65 narrow intervals between 316.61 to 316.92m and 318.30m

REMARK :≈ 316.10 320.65 to 318.60m

REMARK :≈ 316.10 320.65 Rock resembles strongly altered chlorite-phyric dyke.

333.00 335.50 0 % SAME AS 224.20 353.30 medium light , yellowish-green; foliated; broken core; foliation at
45 degrees to core axis; foliation at 50 degrees to core axis;
fairly low sericite-calcite as dominant alteration;

335.50 338.87 100% VEIN STOCKWORK light, greyish-green;
30% variable (with pyrite) quartz-calcite as dominant vein;
20% quartz as veins;
10% calcite as pervasive disseminated < veins, selvages and envelopes;
5% sericite in micro veins, in hairline fractures;
1% pyrite as disseminations;
very low sericite-calcite as dominant alteration;

REMARK :≈	335.50	338.87	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :≈	335.50	336.50	U3633	33			0.2		21

REMARK := 336.50 337.50 U3634 31 0.3 26

REMARK := 337.50 337.87 U3635 23 0.3 21

REMARK := 337.87 338.87 U3636 23 0.3 14

347.20 348.75 0 % SAME AS 224.20 353.30 broken core;

353.30 358.25 FAULT ZONE medium light , grey; 5% gouge ; 30% cataclasite ; broken core;
5% quartz as fragments/clasts
2.5% calcite as pervasive disseminated < veins, selvages and envelopes;
fairly low calcite as dominant alteration;

REMARK := 353.03 358.25 Sample Au(ppb) Au(oz/t) Au(met) Ag(ppm) Ag(oz/t) As(ppm)

REMARK := 352.30 353.30 U3712

REMARK := 353.30 354.10 U3713

REMARK := 354.10 356.01 U3714

REMARK := 356.01 358.25 U3715

REMARK := 358.25 359.25 U3716

353.30 353.70 100% CATACLASTITE medium light , grey; 10% gouge ; shear at 35 degrees to core axis;
bottom contact at 35 degrees to core axis;
20% quartz as fragments/clasts 20% calcite as fragments/clasts
0.3% pyrite as disseminations;

REMARK := 353.30 353.70 Poorly developed cataclasite, fragments subrounded

REMARK := 353.30 353.70 0.25-2cm size. Bottom contact a shear

353.70 354.10 0 % SAME AS 353.30 358.25 20% gouge ; friable; fault at 35 degrees to core axis;
bottom contact at 33 degrees to core axis;

REMARK := 353.70 354.10 Actual fault

354.10 358.25 100% FELSIC medium light , grey; 1% gouge ; broken core; crackle breccia ;
bottom contact at 37 degrees to core axis; shear at
35 degrees to core axis;
2.5% calcite in micro veins, in hairline fractures;
very low calcite as dominant alteration;

REMARK := 354.10 358.25 Homogeneous unit, faint phenocrysts visible

REMARK := 354.10 358.25 - possibly feldspar 1-2mm, 2-4%

358.25 358.84 BASALT MASSIVE light, yellowish-green; 70% altered; pillow/flow contact;
amygdules < 2 mm in diameter; 5% 1.00 - 2.00 mm feldspar phenocrysts;
2.5% 2.00 - 3.00 mm (barren) quartz-calcite as dominant vein;

1% quartz as veins;
2.5% calcite as pervasive disseminated < veins, selvages and envelopes;
1% hematite in micro veins, in hairline fractures;
fairly low sericite-calcite as dominant alteration;
low epidote as secondary alteration;

358.84 371.25 FELDSPAR PORPHYRY pale, grey; 100% altered; mealy and/or grainy; medium grained;
10% 2.00 - 3.00 mm feldspar phenocrysts;
2.5% 0.50 to 1.00 cm (barren) quartz-calcite as dominant vein;
top contact at 65 degrees to core axis; bottom unclear contact
1% quartz as veins;
2.5% calcite as pervasive disseminated < veins, selvages and envelopes;
1% hematite as stainings;
moderate epidote-calcite as dominant alteration;
low calcite as secondary alteration;

REMARK := 358.84 371.25 Feldspar porphyry cut by fine grained basalt dyke 3cm wide

REMARK := 358.84 371.25 between 368.24 and 368.35m. Dyke runs at 25° to core axis.

371.25 410.89 BASALT MASSIVE medium light , green; 30% altered; mealy and/or grainy;
2.5% 2.00 - 3.00 mm (with pyrite) quartz-calcite as dominant vein;
1% pyrite in veins moderate epidote-calcite as dominant alteration;

372.07 376.58 100% ALTERATION ZONE light, yellowish-green; broken core;
5% variable (with pyrite) quartz-calcite as dominant vein;
2.5% quartz as veins;
5% calcite as pervasive disseminated > veins, selvages and envelopes;
2.5% epidote as pervasive disseminated > veins, selvages and envelopes;
moderate chlorite-epidote-calcite as dominant alteration;
moderate ankerite as secondary alteration;

			Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	372.07	376.58							
REMARK :=	372.07	373.03	U3637	18			0.1		7
REMARK :=	373.03	373.53	U3638	4			0.2		5
REMARK :=	373.53	374.53	U3639	1			0.3		3
REMARK :=	374.53	375.53	U3640	4			0.2		9
REMARK :=	375.53	376.58	U3641	1			0.2		9
REMARK :=	376.58	377.58	U3642	4			0.2		14

380.00 383.25 0 % SAME AS 371.25 410.89 medium light , yellowish-green; 80% altered;
2.5% 1.00 - 2.00 mm (with pyrite) quartz-calcite as dominant vein;
10% epidote as patches;
1% pyrite in micro veins, in hairline fractures;
moderate epidote-calcite as dominant alteration;

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391.66 391.98 100% VEIN top contact at 37 degrees to core axis; bottom contact at 45 degrees to core axis; 90% quartz as veins; 2.5% calcite in micro veins, in hairline fractures; 0.3% pyrite as disseminations;

REMARK :=	391.66	391.98	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	390.66	391.66	U3643	2			0.3		8
REMARK :=	391.66	392.36	U3644	12			0.8		71
REMARK :=	392.36	393.36	U3645	2			0.2		8

393.36 399.40 70% ALTERATION ZONE medium , yellowish-green; broken core; 5% 0.50 to 1.00 cm (with pyrite) quartz-calcite as dominant vein; shear at 35 degrees to core axis; 5% epidote as patches; 2.5% pyrite in veins low epidote-calcite as dominant alteration;

REMARK :=	393.36	399.40	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	393.36	394.36	U3646	2			0.3		14
REMARK :=	394.36	395.36	U3647	9			0.2		24
REMARK :=	395.36	396.36	U3648	3			0.5		130
REMARK :=	396.36	397.36	U3649	38			1.1		148
REMARK :=	397.36	398.36	U3650	12			0.4		41
REMARK :=	398.36	399.44	U3651	7			0.7		22
REMARK :=	399.44	400.44	U3652	28			0.7		154

400.40 401.10 100% VEIN micro-veined; top contact at 25 degrees to core axis; bottom contact at 20 degrees to core axis; 90% quartz as veins; 10% calcite in micro veins, in hairline fractures; 1% pyrite as disseminations;

REMARK :=	400.40	401.10	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppm)
REMARK :=	400.44	401.10	U3653	80			1.7		213
REMARK :=	401.10	402.10	U3654	8			0.4		49

401.10 401.73 0 % SAME AS 371.25 410.89 porphyritic; 10% 3.00 - 4.00 mm feldspar phenocrysts; very low calcite as dominant alteration;

410.89 410.89 END OF HOLE

REMARK := SUM Purpose: To test the Mineral Creek/Yellow Creek fault

DRILLHOLE: D88OU165

REMARK := SUM	zone. Drillhole is part of a fan of holes intersecting
REMARK := SUM	the fault at approximately 100m intervals.
REMARK := SUM	Geology and Mineralization:
REMARK := SUM	0.00-26.67 Interbedded homolithic basalt tuff, amygdaloidal
REMARK := SUM	basalt(10%) and banded cherts(8%)
REMARK := SUM	26.67-46.96 Banded cherts interbedded with "argillaceous"
REMARK := SUM	cherts(40%) and occasional tuff beds(5%), bedding 35'
REMARK := SUM	46.96-63.94 Basalt tuff(80%) interbedded with heterolithic
REMARK := SUM	lapilli tuff(15%) and banded chert(5%)
REMARK := SUM	63.94-81.98 Chert and "argillaceous" chert(30%);
REMARK := SUM	"argillaceous" cherts disrupted by small scale faulting
REMARK := SUM	and gentle folding, bedding 65'
REMARK := SUM	81.98-124.92 Repeating sequence of heterolithic basalt
REMARK := SUM	lapilli tuff grading uphole into a finer tuff and
REMARK := SUM	occasionally into a banded chert, graded beds 1-1.25m thick
REMARK := SUM	124.92-353.25 Basalt - massive amygdaloidal, fx 2% between
REMARK := SUM	163.98-224.20m. Px? pheno's 5%
REMARK := SUM	353.25-358.25 Fault zone - cataclasite 40%, poorly developed
REMARK := SUM	sericite gouge, "felsic" unit 60%
REMARK := SUM	358.25-410.89 Basalt - massive, 5% fx, at 358.84-371.25m
REMARK := SUM	Feldspar porphyry dyke? Fx 10% cut by smaller basalt dyke
REMARK := SUM	410.89 EOH

WESTMIN RESOURCES LTD.
DEBBIE PROJECT

DRILLHOLE: D88DU170

DATE PRINTED: April 20, 1989

SURVEYED BY : COLLAR ELEV. : 859.9 AZIMUTH(DEGREES) : 270.00 GEOLOGGED BY : H0
TOTAL LENGTH : 295.35 NORTHING : 10779.5 VERTICAL ANGLE : -72.00 DATE(Y/M/DY) : 89 01 18
CORE DIAMETER: NQ EASTING : 10788.5 COORD SYSTEM : GRID TRAVERSE ATTRIB:
DRILLED BY : CONNORS HOLE STARTED : 88 12 11 HOLE ENDED : 12 15 DRILLING HOURS :

	SURVEY PT NUMBER	DEPTH METRES	AZIMUTH DEGREES	ANGLE DEGREES	NORTH COORD METRES	EAST COORD METRES	ELEVATION METRES
S	1	0.00	270.00	-72.00	10779.5	10788.5	859.9
S	2	63.70	274.00	-73.20			
S	3	124.66	275.00	-73.80			
S	4	185.62	278.00	-74.00			
S	5	243.84	272.00	-74.20			

REMARK := SVY 0.00 0.00 Compass

REMARK := SVY 63.70 63.70 Sperry sun

REMARK := SVY 124.66 124.66 Sperry sun

REMARK := SVY 185.62 185.62 Sperry sun

REMARK := SVY 243.84 243.84 Sperry sun

0.00 4.40 BASALTIC TUFF medium light , green; 20% cherty ; interbedded; homogenous;
0.25 - 0.50 mm fine fraction size;
0.50 - 1.00 mm coarse fraction size; 20% coarse fraction;
1.00 - 2.00 mm maximum particle size;
2.5% 0.50 to 1.00 cm (barren) quartz-calcite as dominant vein;
bedding at 45 degrees to core axis; 1% quartz as veins;
1% calcite as veins; very low epidote as dominant alteration;

0.00 1.60 0 % SAME AS 0.00 4.40 broken core;

REMARK := 0.00 1.60 Ground core

3.52 4.40 0 % SAME AS 0.00 4.40 broken core;

4.40 20.15 BASALT MASSIVE medium , green; pillow/flow contact;
5% variable (barren) quartz-calcite as dominant vein; veins at

45 degrees to core axis; veins at 70 degrees to core axis;
2.5% quartz as veins;
5% calcite as pervasive disseminated < veins, selvages and envelopes;
2.5% epidote in micro veins, in hairline fractures;
5% chlorite as replaced phenocrysts; 0.3% pyrite as veins;
low chlorite-epidote-calcite as dominant alteration;

5.65 5.70 70% VEIN pale, tan; broken core; vein brecciated; 20% quartz as veins;
80% calcite as veins;

20.15 26.00 BASALTIC TUFF medium light , greyish-green; 20% cherty ; interbedded; homogenous;
< 0.25 mm fine fraction size; 0.50 - 1.00 mm coarse fraction size;
20% coarse fraction; 1.00 - 2.00 mm maximum particle size;
2.5% 1.00 - 2.00 mm (barren) quartz-calcite as dominant vein;
veins at 40 degrees to core axis; bedding at
20 degrees to core axis; 1% quartz as veins; 1% calcite as veins;
1% leucoxene as disseminations;
0.3% pyrite in micro veins, in hairline fractures;

REMARK :=	20.15	26.00	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppb)
REMARK :=	22.03	23.03	U3657	3			2.5		8
REMARK :=	23.03	23.33	U3658	1			0.2		16
REMARK :=	23.33	24.33	U3659	2			0.3		18
REMARK :=	24.33	25.00	U3660	1			0.1		11
REMARK :=	25.00	26.00	U3661	1			0.2		19

23.03 23.33 100% ALTERATION ZONE pale, tan; broken core;
5% variable (barren) calcite as dominant vein;
2.5% calcite in micro veins, in hairline fractures; 5% limonite
in micro veins, in hairline fractures;
fairly high ankerite as dominant alteration;

26.00 28.55 CHERT/TUFF very dark , grey; 90% argillaceous ; bedded; broken core;
5% variable (barren) quartz-calcite as dominant vein;
1.00 - 2.00 mm bedding at 70 degrees to core axis; bedding at
75 degrees to core axis;
1% calcite in micro veins, in hairline fractures;
0.3% hematite in micro veins, in hairline fractures;
2.5% pyrite as laminations or beds;

REMARK :=	26.00	28.55	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppb)
REMARK :=	26.00	27.00	U3662	13			0.4		71
REMARK :=	27.00	28.00	U3663	15			0.3		15
REMARK :=	28.00	29.00	U3664	7			0.4		42

28.55 33.60 BASALTIC TUFF pale, green; 30% argillaceous ; interbedded; homogenous;
< 0.25 mm fine fraction size; 0.25 - 0.50 mm coarse fraction size;
10% coarse fraction; 0.25 - 0.50 mm maximum particle size;
2.5% 1.00 - 2.00 mm (barren) quartz-calcite as dominant vein;
4.00 - 5.00 mm bedding at 65 degrees to core axis; calcite as wisps;
nil clay 1% hematite as stainings; 1% leucoxene as disseminations;
1% pyrite as disseminations;
fairly low sericite-calcite as dominant alteration;

			Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppb)
REMARK :=	28.55	33.60							
REMARK :=	29.00	30.00	U3665 3				0.1		24
REMARK :=	30.00	31.00	U3666 1				0.3		17
REMARK :=	31.00	32.00	U3667 2				0.3		22
REMARK :=	32.00	32.74	U3668 2				0.3		16
REMARK :=	32.74	33.22	U3669 6				0.2		36
REMARK :=	33.22	34.22	U3670 3				0.1		27

33.60 61.75 BASALTIC TUFF medium light , green; 30% cherty ; homogenous; graded bedding;
< 0.25 mm fine fraction size; 0.25 - 0.50 mm coarse fraction size;
20% coarse fraction; 0.50 - 1.00 mm maximum particle size;
2.5% 2.00 - 3.00 mm (barren) quartz-calcite as dominant vein;
> 1.00mbedding at 40 degrees to core axis; bedding at
50 degrees to core axis;
1% calcite in micro veins, in hairline fractures;

REMARK := 33.60 61.75 Interval composed of and interbedded sequence of thick

REMARK := 33.60 61.75 bedded (0.75-1.5m), fine to medium grained basalt tuffs,

REMARK := 33.60 61.75 thin bedded(2-5mm) cherty tuffs and cherts(35%) and basalt

REMARK := 33.60 61.75 lapilli tuff(5%)

53.15 54.23 100% BASALTIC LAPILLI TUFF light, green; heterogenous;
10% 4.00 - 5.00 mm sub-angular siliceous/silicified fragmentfragments;
< 0.25 mm fine fraction size; 3.00 - 4.00 mm coarse fraction size;
20% coarse fraction; 3.00 - 4.00 mm maximum particle size;
5% 3.00 - 4.00 mm (barren) quartz-calcite as dominant vein;
2.5% quartz as veins; 2.5% calcite as veins;
1% leucoxene as stainings;

61.75 65.50 CHERT/TUFF medium-dark , grey; 50% argillaceous ; interbedded;
2.5% 1.00 - 2.00 mm (barren) quartz-calcite as dominant vein;
3.00 - 4.00 mm bedding at 55 degrees to core axis; bedding at
70 degrees to core axis; 1% quartz as veins; 1% calcite as veins;
1% pyrite as laminations or beds;

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		REMARK :=	61.75	65.50	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppb)
		REMARK :=	60.75	61.75	U3671	2			0.1		11
		REMARK :=	61.75	62.75	U3672	19			0.3		29
		REMARK :=	62.75	63.55	U3673	26			0.5		30
		REMARK :=	63.55	64.50	U3674	32			0.5		49
		REMARK :=	64.50	65.50	U3675	17			0.3		19
		REMARK :=	65.50	66.50	U3676	3			0.1		9

65.50 77.45 BASALTIC LAPILLI TUFF pale, green; 5% altered; interbedded; heterogenous;
20% 2.00 - 3.20 cm sub-angular basalt, phyric fragments;
5% 4.00 - 5.00 mm intermediate siliceous/silicified fragmentfragments;
0.25 - 0.50 mm fine fraction size;
3.00 - 4.00 mm coarse fraction size; 10% coarse fraction;
3.00 - 4.00 mm maximum particle size;
2.5% 3.00 - 4.00 mm (barren) quartz-calcite as dominant vein;
veins at 30 degrees to core axis; bottom gradational contact at
1% quartz as veins;
5% calcite as pervasive disseminated > veins, selvages and envelopes;
low calcite as dominant alteration;
low epidote as secondary alteration;

REMARK := 65.50 77.45 interbedded with 40% basalt tuff, lapilli tuff also

REMARK := 65.50 77.45 contains sulphide(pyrite) bearing siliceous clasts(1%)

73.37 75.37 100% ALTERATION ZONE pale, tan; 1% gouge ; broken core;
10% 8.00 - 12.00 cm (barren) calcite as dominant vein; veins at
70 degrees to core axis; 5% calcite pervasive; 0.3% fuchsite
as wisps;
fairly high ankerite-sericite-calcite as dominant alteration;

REMARK := 73.37 75.37 Protolith - coarse basalt tuff, calcite veins is vuggy

		REMARK :=	73.37	75.37	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppb)
		REMARK :=	73.37	74.37	U3677	1			0.1		9
		REMARK :=	74.37	75.37	U3678	1			0.1		14
		REMARK :=	75.37	76.37	U3679	1			0.1		14

77.45 81.78 BASALTIC AGG LAPILLI TUFF pale, green; homogenous;
10% 5.00 - 8.00 cm sub-angular basalt, phyric fragments;
40% 0.50 to 1.00 cm sub-angular basalt, phyric fragments;
0.50 - 1.00 mm fine fraction size;
2.00 - 3.00 mm coarse fraction size; 30% coarse fraction;

3.00 - 4.00 mm maximum particle size;
2.5% 3.00 - 4.00 mm (barren) quartz-calcite as dominant vein;
bottom gradational contact at veins at 20 degrees to core axis;
1% quartz as veins; 10% calcite interstitial;
2.5% pyrite interstitial; fairly low calcite as dominant alteration;

81.78 95.00 BASALTIC TUFF pale, green; 5% cherty ; fine grained; medium grained;
< 0.25 mm fine fraction size; 0.50 - 1.00 mm coarse fraction size;
10% coarse fraction; 1.00 - 2.00 mm maximum particle size;
2.5% 1.00 - 2.00 mm (barren) quartz-calcite as dominant vein;
veins at 40 degrees to core axis; bottom contact at
30 degrees to core axis; 1% quartz as veins;
2.5% calcite in micro veins, in hairline fractures;
2.5% epidote in micro veins, in hairline fractures;
low epidote-calcite as dominant alteration;

91.55 91.75 50% VEIN 50% altered; veins at 70 degrees to core axis; 40% quartz as veins;
10% ankerite in micro veins, in hairline fractures;
0.3% pyrite as disseminations;
fairly high ankerite as dominant alteration;

REMARK :=	91.55	91.75	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppb)
REMARK :=	90.55	91.55	U3680	4			0.1		16
REMARK :=	91.55	91.75	U3681	12			0.1		13
REMARK :=	91.75	92.75	U3682	2			0.2		12

95.00 179.09 BASALT MASSIVE medium , green; 5% amygdaloidal ; 10% porphyritic ;
amygdules 2-4 mm in diameter; mealy and/or grainy;
5% variable (barren) quartz-calcite as dominant vein; veins at
30 degrees to core axis; veins at 50 degrees to core axis;
5% quartz as veins;
2.5% calcite in micro veins, in hairline fractures;
2.5% epidote in micro veins, in hairline fractures;
5% chlorite as replaced phenocrysts;
low epidote-calcite as dominant alteration;

REMARK := 95.00 179.09 Chlorite also present as veins (3-4%) 1-3mm

REMARK := 95.00 179.09 Basalt contains narrow interbeds of basalt tuff(5%)

95.95 97.20 100% BASALTIC TUFF light, green; homogenous; 0.25 - 0.50 mm fine fraction size;
1.00 - 2.00 mm coarse fraction size; 30% coarse fraction;
2.00 - 3.00 mm maximum particle size;
5% 0.25 - 0.50 mm (barren) epidote as dominant vein;
1% 0.50 - 1.00 mm (barren) quartz-calcite as secondary vein;
fairly low epidote-calcite as dominant alteration;

115.70 116.48 100% BASALTIC TUFF light, green; homogenous; < 0.25 mm fine fraction size;
0.25 - 0.50 mm coarse fraction size; 40% coarse fraction;

1.00 - 2.00 mm maximum particle size;
5% 2.00 - 3.00 mm (barren) quartz-calcite as dominant vein;
moderate epidote-calcite as dominant alteration;

117.97 120.30 0 % SAME AS 95.00 179.09 5% cherty ;

REMARK := 117.97 120.30 Basalt interbedded with narrow (3-5cm), finely banded,

REMARK := 117.97 120.30 epidotized chert, chert broken up by small scale faulting

128.11 128.14 100% VEIN vein brecciated; top contact at 45 degrees to core axis;
bottom contact at 65 degrees to core axis; 30% quartz as veins;
60% calcite as veins;

131.50 131.75 90% VEIN 5% gouge ; broken core; top contact at 45 degrees to core axis;
bottom contact at 50 degrees to core axis; 60% quartz as veins;
30% calcite as veins;

131.90 136.86 0 % SAME AS 95.00 179.09 10% variable (barren) quartz-calcite as dominant vein;
10% quartz as veins;
2.5% calcite in micro veins, in hairline fractures;

131.86 157.02 0 % SAME AS 95.00 179.09 mealy and/or grainy; porphyritic;
low chlorite-epidote-calcite as dominant alteration;

REMARK := 131.86 157.02 Large 4-8mm phenocrysts - no distinctive crystal outline

REMARK := 131.86 157.02 although some phenos suggest amphiboles. Pheno's are

REMARK := 131.86 157.02 strongly altered - epidote (light green), approx 3-4%

REMARK := 131.86 157.02 pheno's

167.55 170.38 0 % SAME AS 95.00 179.09 5% epidote pervasive; moderate epidote as dominant alteration;
very low calcite as secondary alteration;

174.18 174.51 0 % SAME AS 95.00 179.09 90% silicified ;
1% 0.50 - 1.00 mm (barren) quartz-calcite as dominant vein;
2.5% pyrite in micro veins, in hairline fractures;

REMARK := 174.18 174.51 Quartz - white to light grey, fine grained grey mineral

REMARK := 174.18 174.51 fills hairline fractures - aspy?

REMARK := 174.18 174.51 Sample Au(ppb) Au(oz/t) Au(met) Ag(ppm) Ag(oz/t) As(ppb)

REMARK := 173.18 174.18 U3683 1 0.1 6

REMARK := 174.18 174.51 U3684 8 0.1 11

REMARK := 174.51 175.51 U3685 3 0.2 8

REMARK :=	175.51	176.25	U3686	1		0.1	8
REMARK :=	176.25	177.09	U3687	1		0.1	12

179.09 183.73 ALTERATION ZONE palest , green; 30% breccia; broken core;
5% variable (barren) quartz-epidote as dominant vein; foliation at
65 degrees to core axis;
10% calcite as pervasive disseminated < veins, selvages and envelopes;
10% epidote pervasive; 5% hematite in veins
1% pyrite as disseminations;
fairly high chlorite-epidote as dominant alteration;
moderate ankerite-calcite as secondary alteration;

REMARK :=	179.09	183.73	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppb)
REMARK :=	177.09	178.09	U3688	1		0.1	9
REMARK :=	178.09	179.09	U3689	1		0.1	13
REMARK :=	179.09	180.09	U3690	1		0.1	2
REMARK :=	180.09	181.09	U3691	1		0.2	9
REMARK :=	181.09	182.09	U3692	1		0.1	10
REMARK :=	182.09	183.09	U3693	1		0.1	7
REMARK :=	183.09	184.09	U3694	2		0.1	7
REMARK :=	184.09	185.09	U3695	1		0.1	7

183.73 248.60 BASALT MASSIVE medium , green; 2.5% cherty ; amygdules 2-4 mm in diameter;
pillow/flow contact;
5% variable (barren) quartz-calcite as dominant vein;
2.5% 0.25 - 0.50 mm (barren) epidote as secondary vein; veins at
50 degrees to core axis; veins at 60 degrees to core axis;
2.5% quartz as veins;
5% calcite as pervasive disseminated < veins, selvages and envelopes;
2.5% hematite as stainings; 5% chlorite as replaced phenocrysts;
0.3% fuchsite as replaced phenocrysts;
low chlorite-calcite as dominant alteration;
fairly low epidote as secondary alteration;

193.64 194.73 0 % SAME AS 183.73 248.60 medium-dark , green; pillow/flow contact; foliation at
35 degrees to core axis; 10% chlorite as replaced phenocrysts;

REMARK := 193.64 194.73 Gradational contact both top and bottom

198.80 199.62 100% HORNBLENDE PORPHYRY medium light , yellowish-green;
2.5% 2.00 - 3.00 mm amphibole phenocrysts;
5% variable (barren) quartz-calcite as dominant vein; top contact at
25 degrees to core axis; bottom contact at 60 degrees to core axis;

10% epidote as laminations or beds;

REMARK := 198.80 199.62 Resembles a dyke - hornblende porphyry, however in upper

REMARK := 198.80 199.62 70cm of interval appears finely bedded/laminated, laminat-

REMARK := 198.80 199.62 ions disrupted by quartz-calcite veins, also gently undulate

215.80 219.15 0 % SAME AS 183.73 248.60 foliation at 60 degrees to core axis;

219.60 227.00 0 % SAME AS 183.73 248.60 pale, greyish-green; mealy and/or grainy;
moderate epidote-calcite as dominant alteration;
fairly low sericite as secondary alteration;

248.70 251.90 CHERT/TUFF light, green; 30% silicified ;
5% variable (with pyrite) quartz-calcite as dominant vein;
top contact at 40 degrees to core axis; bottom unclear contact
1% hematite as stainings; 1% pyrite as laminations or beds;
high quartz as dominant alteration;

REMARK := 248.70 251.90 Bedding ranges 10-20' with respect to core axis

REMARK := 248.70 251.90 Cherts exhibit soft sediment deformation - small scale

REMARK := 248.70 251.90 folds, beds disrupted by small scale faults.

REMARK := 248.70 251.90 Sample Au(ppb) Au(oz/t) Au(met) Ag(ppm) Ag(oz/t) As(ppb)

REMARK := 247.70 248.70 U3696 2 0.1 11

REMARK := 248.70 249.70 U3697 3 0.2 9

REMARK := 249.70 250.70 U3698 6 0.1 20

REMARK := 250.70 251.70 U3699 3 0.1 27

REMARK := 251.70 252.70 U3700 2 0.1 19

REMARK := 252.70 253.70 U3701 1 0.1 22

251.90 286.75 BASALT MASSIVE light, green; 30% phyric ; mealy and/or grainy;
amygdules < 2 mm in diameter;
5% variable (barren) quartz-calcite as dominant vein; veins at
35 degrees to core axis; veins at 50 degrees to core axis;
2.5% quartz as veins;
10% calcite as pervasive disseminated < veins, selvages and envelopes;
10% epidote pervasive; 5% chlorite as replaced phenocrysts;
2.5% pyrite as fragments/clasts 2.5% as stainings;
fairly high epidote-calcite as dominant alteration;

286.75 294.40 CHERT/TUFF dark , greyish-green; 40% argillaceous ; 10% breccia; interbedded;
broken core;

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5% 2.00 - 3.00 mm (barren) quartz-calcite as dominant vein; bedding at
50 degrees to core axis; 10% chlorite as coatings;
2.5% pyrite as disseminations;

REMARK :=	286.75	294.40	Finely laminated					
REMARK :=	286.75	294.40	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppb)
REMARK :=	286.70	287.70	U3702	28			0.2		11
REMARK :=	287.70	288.70	U3703	26			0.4		70
REMARK :=	288.70	289.70	U3704	210			0.6		45
REMARK :=	289.70	290.70	U3705	55			1.5		187
REMARK :=	290.70	291.70	U3706	23			1.4		284
REMARK :=	291.70	292.70	U3707	20			0.5		327
REMARK :=	292.70	293.70	U3708	30			0.4		164
REMARK :=	293.70	294.40	U3709	66			0.5		35

294.40 295.35 BASALT MASSIVE light, greenish-tan; mealy and/or grainy;
5% variable (with pyrite) quartz-calcite as dominant vein; veins at
60 degrees to core axis;
5% epidote in micro veins, in hairline fractures;
0.3% hematite as stainings; 1% pyrite in veins
fairly low ankerite-sericite-calcite as dominant alteration;

REMARK :=	294.40	295.35	Sample	Au(ppb)	Au(oz/t)	Au(met)	Ag(ppm)	Ag(oz/t)	As(ppb)
REMARK :=	294.40	295.35	U3710	7			0.1		22

295.35 295.35 END OF HOLE

REMARK := SUM Puprose:

REMARK := SUM To test the Mineral Creek/Yellows Creek fault

REMARK := SUM zone. Drillhole is part of a fan of holes intersecting

REMARK := SUM the fault zone at approximately 100m intervals.

REMARK := SUM Projected length 450m.

REMARK := SUM Geology and Mineralization:

REMARK := SUM 0.00-4.40m Homolithic basalt tuff

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REMARK := SUM	4.40-20.15 Massive basalt
REMARK := SUM	20.15-26.00 Interbedded basalt tuff and banded chert(20%)
REMARK := SUM	26.00-33.60 Interbedded basalt tuff, chert and
REMARK := SUM	"argillaceous" cherts(30-90%), bedding 65-75'
REMARK := SUM	33.60-61.75 Thick bedded, fine to medium grained, homo-
REMARK := SUM	lithic basalt tuff interbedded with thin bedded cherts
REMARK := SUM	(30%) and occasionally basalt lapilli tuffs(5%), graded
REMARK := SUM	bedding indicates tops up, bedding 40-50'
REMARK := SUM	61.75-65.50 Chert and "argillaceous" cherts(50%) bedding
REMARK := SUM	55-70'
REMARK := SUM	65.50-95.00 Coarse clastic interval, heterolithic basalt
REMARK := SUM	lapilli tuff(30%) containing 1% sulphide-bearing siliceous
REMARK := SUM	clasts, homolithic basalt agglomerate lapilli tuff(15%)
REMARK := SUM	and 55% interbedded tuffs and cherts.
REMARK := SUM	95.00-248.60 Basalt - massive, amygdaloidal chlorite
REMARK := SUM	replaced phenocrysts 10%, with minor basalt tuff/chert
REMARK := SUM	interbeds 5% between 179.09 to 183.73m alteration zone
REMARK := SUM	- moderate ankerite and strong epidote + calcite alteration
REMARK := SUM	248.60-251.90 Chert - gently folded, disrupted by small
REMARK := SUM	scale faults
REMARK := SUM	251.90-286.75 Basalt, massive, chlorite replaced pheno's
REMARK := SUM	5%
REMARK := SUM	286.75-294.40 Chert interbedded with "argillaceous" chert
REMARK := SUM	(40%)
REMARK := SUM	294.40-295.35 Basalt - massive
REMARK := SUM	295.35 EOH

APPENDIX C

ANALYTICAL RESULTS

DRILL HOLE	EASTING (M)	NORTHING (M)	ELEV (M)	AZI	DIP	HOLE LENGTH (M)
D88-159	10788.50	10779.50	859.90	270.00	-25.00	227.07

note: 0.000 = no analysis

	FROM (M)	TO (M)	ASSAY INTERVAL	AU metallic oz/t	AU fire assay oz/t	AU geocham ppb	AG oz/t	AS ppm	CU ppm	ZN ppm
D88-159	26.08	27.08	1.00	0.000	0.000	1	0.003	5	134	91
D88-159	27.08	28.08	1.00	0.000	0.000	2	0.003	2	99	83
D88-159	28.08	28.50	0.42	0.000	0.000	1	0.003	5	88	81
D88-159	28.50	29.50	1.00	0.000	0.000	1	0.003	3	55	79
D88-159	60.50	61.70	1.00	0.000	0.000	1	0.003	5	44	77
D88-159	61.70	62.48	0.78	0.000	0.000	1	0.003	3	41	68
D88-159	62.48	62.88	0.40	0.000	0.000	1	0.003	2	61	75
D88-159	62.88	63.88	1.00	0.000	0.000	1	0.006	2	52	66
D88-159	63.88	64.88	1.00	0.000	0.000	1	0.003	5	45	74
D88-159	64.88	65.88	1.00	0.000	0.000	2	0.003	2	73	69
D88-159	65.88	66.48	0.60	0.000	0.000	1	0.003	2	59	64
D88-159	66.48	67.48	1.00	0.000	0.000	1	0.003	4	43	77
D88-159	67.84	68.84	1.00	0.000	0.000	1	0.003	3	49	70
D88-159	68.84	69.84	1.00	0.000	0.000	1	0.003	3	73	64
D88-159	69.84	70.84	1.00	0.000	0.000	1	0.006	6	86	79
D88-159	70.84	72.04	1.20	0.000	0.000	4	0.003	6	51	55
D88-159	72.04	73.04	1.00	0.000	0.000	8	0.003	9	26	69
D88-159	76.60	77.00	0.40	0.000	0.000	26	0.003	2	10	41
D88-159	77.00	77.60	0.60	0.000	0.000	68	0.003	9	11	43
D88-159	77.60	78.10	0.50	0.000	0.000	51	0.003	2	18	59
D88-159	79.80	80.20	0.40	0.000	0.000	7	0.006	2	39	55
D88-159	80.20	81.20	1.00	0.000	0.000	3	0.003	6	47	36
D88-159	81.20	81.60	0.40	0.000	0.000	6	0.009	2	65	57
D88-159	86.60	87.60	1.00	0.000	0.000	5	0.003	4	38	37
D88-159	87.60	88.40	0.80	0.000	0.000	2	0.003	10	38	51
D88-159	88.40	89.70	1.30	0.000	0.000	8	0.006	13	36	71
D88-159	89.70	90.60	0.90	0.000	0.000	4	0.006	16	41	62
D88-159	90.60	91.60	1.00	0.000	0.000	1	0.003	14	49	62
D88-159	91.60	92.30	0.70	0.000	0.000	210	0.023	55	48	58
D88-159	92.30	93.30	1.00	0.000	0.000	6	0.003	15	33	62
D88-159	93.30	94.40	1.10	0.000	0.000	210	0.026	49	40	65
D88-159	94.40	95.40	1.00	0.000	0.000	17	0.006	23	34	67
D88-159	95.40	96.00	0.60	0.000	0.000	230	0.058	99	56	105
D88-159	96.00	97.00	1.00	0.000	0.000	250	0.003	26	40	47
D88-159	97.00	97.90	0.90	0.000	0.000	21	0.009	26	77	106
D88-159	97.90	98.80	0.90	0.000	0.000	2	0.003	19	49	76
D88-159	98.80	99.80	1.00	0.000	0.000	3	0.003	21	34	70
D88-159	99.80	101.30	1.50	0.000	0.000	42	0.020	31	36	39
D88-159	117.70	118.70	1.00	0.000	0.000	5	0.006	46	65	103
D88-159	118.70	119.20	0.50	0.000	0.000	21	0.006	67	60	59
D88-159	152.40	153.40	1.00	0.000	0.000	7	0.003	81	55	81
D88-159	153.40	154.20	0.80	0.000	0.000	20	0.003	907	66	94
D88-159	154.20	155.00	0.80	0.000	0.000	9	0.006	142	36	72
D88-159	155.00	156.38	1.38	0.000	0.000	27	0.009	487	70	68
D88-159	156.38	157.10	0.72	0.000	0.000	13	0.009	84	77	90
D88-159	157.10	157.80	0.70	0.000	0.000	4	0.003	19	24	80
D88-159	157.80	158.30	0.50	0.000	0.000	6	0.003	44	44	42
D88-159	169.00	170.00	1.00	0.000	0.000	28	0.004	31	43	69
D88-159	170.00	171.00	1.00	0.000	0.000	26	0.003	26	35	54
D88-159	171.00	172.00	1.00	0.000	0.000	14	0.012	43	37	69
D88-159	172.00	173.00	1.00	0.000	0.000	10	0.009	32	37	65
D88-159	173.00	174.00	1.00	0.004	0.000	113	0.009	90	61	48
D88-159	187.50	188.50	1.00	0.000	0.000	21	0.004	47	37	78
D88-159	188.50	189.50	1.00	0.000	0.000	71	0.009	153	40	78
D88-159	189.50	190.50	1.00	0.000	0.000	19	0.006	105	49	90
D88-159	190.50	191.60	1.10	0.000	0.000	10	0.102	18	47	80
D88-159	191.60	192.60	1.00	0.000	0.000	21	0.012	30	68	78
D88-159	192.60	193.60	1.00	0.000	0.000	34	0.015	33	166	86
D88-159	193.60	194.60	1.00	0.577	0.000	59200	0.341	133	109	88
D88-159	194.60	195.00	0.40	0.019	0.000	110	0.053	42	53	75
D88-159	195.00	196.00	1.00	0.000	0.000	29	0.003	47	34	95
D88-159	196.00	197.00	1.00	0.000	0.000	41	0.003	52	54	111
D88-159	197.00	197.90	0.90	0.000	0.000	47	0.006	46	50	93
D88-159	197.90	198.90	1.00	0.000	0.000	95	0.012	51	31	59
D88-159	198.90	199.90	1.00	0.000	0.000	71	0.006	48	32	88
D88-159	199.90	200.40	0.50	0.000	0.000	108	0.006	51	48	57
D88-159	204.40	205.40	1.00	0.000	0.000	19	0.006	21	34	54
D88-159	205.40	206.50	1.10	0.000	0.000	27	0.003	20	31	55
D88-159	206.50	207.50	1.00	0.000	0.000	14	0.003	22	35	51
D88-159	207.50	208.50	1.00	0.000	0.000	11	0.003	21	46	69
D88-159	208.50	209.50	1.00	0.000	0.000	36	0.003	36	32	56

	FROM (M)	TO (M)	ASSAY INTERVAL	AU metallic oz/t	AU fire assay oz/t	AU geochem ppb	AG oz/t	AS ppm	CU ppm	ZN ppm
D88-159	209.50	210.50	1.00	0.000	0.000	53	0.009	33	45	64
D88-159	210.50	211.50	1.00	0.000	0.000	57	0.006	46	32	65
D88-159	211.50	212.50	1.00	0.000	0.000	51	0.015	50	26	55
D88-159	212.50	213.50	1.00	0.000	0.000	40	0.009	22	46	71
D88-159	213.50	214.50	1.00	0.000	0.000	53	0.012	32	52	63
D88-159	214.50	215.50	1.00	0.000	0.000	27	0.009	22	33	49
D88-159	215.50	216.50	1.00	0.000	0.000	2	0.012	2	3	39
D88-159	216.50	217.50	1.00	0.000	0.000	2	0.003	7	108	86
D88-159	217.50	218.50	1.00	0.000	0.000	1	0.012	5	205	49

DRILL HOLE	EASTING (M)	NORTHING (M)	ELEV (M)	AZI	DIP	HOLE LENGTH (M)
D88-163	10788.50	10779.50	859.90	270.00	-48.00	294.70

note: 0.000 = no analysis

	FROM (M)	TO (M)	ASSAY INTERVAL	AU metallic oz/t	AU fire assay oz/t	AU geochem ppb	AG oz/t	AS ppm	CU ppm	ZN ppm
D88-163	15.38	16.38	1.00	0.000	0.000	1	0.003	8	45	64
D88-163	16.38	16.58	0.20	0.000	0.000	3	0.003	7	34	39
D88-163	16.58	17.58	1.00	0.000	0.000	2	0.003	11	44	60
D88-163	17.58	18.16	0.58	0.000	0.000	1	0.003	14	52	63
D88-163	18.16	19.16	1.00	0.000	0.000	2	0.003	14	15	61
D88-163	19.16	20.16	1.00	0.000	0.000	1	0.003	4	24	66
D88-163	30.96	31.96	1.00	0.000	0.000	1	0.003	16	55	62
D88-163	31.96	32.96	1.00	0.000	0.000	1	0.003	14	44	55
D88-163	32.96	33.96	1.00	0.000	0.000	1	0.003	22	43	66
D88-163	33.96	34.80	0.84	0.000	0.000	1	0.003	16	37	65
D88-163	34.80	35.80	1.00	0.000	0.000	1	0.003	13	46	64
D88-163	35.80	36.80	1.00	0.000	0.000	2	0.003	20	37	71
D88-163	36.80	37.28	0.48	0.000	0.000	2	0.003	17	37	67
D88-163	37.28	38.28	1.00	0.000	0.000	10	0.012	42	82	122
D88-163	38.28	39.28	1.00	0.000	0.000	1	0.003	27	49	94
D88-163	39.28	40.28	1.00	0.000	0.000	9	0.009	58	68	146
D88-163	40.28	41.28	1.00	0.000	0.000	19	0.020	89	86	105
D88-163	41.28	42.28	1.00	0.000	0.000	13	0.009	48	79	86
D88-163	42.28	43.28	1.00	0.000	0.000	16	0.006	34	55	56
D88-163	43.28	44.28	1.00	0.000	0.000	3	0.003	23	36	45
D88-163	44.28	45.28	1.00	0.000	0.000	2	0.003	16	30	49
D88-163	45.28	46.28	1.00	0.000	0.000	2	0.006	22	42	59
D88-163	46.28	47.28	1.00	0.000	0.000	1	0.003	24	43	78
D88-163	47.28	48.28	1.00	0.000	0.000	2	0.003	26	63	75
D88-163	52.64	53.64	1.00	0.000	0.000	1	0.003	17	18	54
D88-163	53.64	53.94	0.30	0.000	0.000	6	0.006	28	48	62
D88-163	53.94	54.94	1.00	0.000	0.000	8	0.006	25	40	70
D88-163	57.06	58.00	0.94	0.000	0.000	3	0.009	18	45	93
D88-163	58.06	58.60	0.54	0.000	0.000	6	0.003	18	44	60
D88-163	58.60	58.80	0.20	0.000	0.000	19	0.006	33	48	75
D88-163	58.80	59.80	1.00	0.000	0.000	2	0.006	14	37	61
D88-163	63.70	64.70	1.00	0.000	0.000	10	0.006	16	28	105
D88-163	64.70	65.20	0.50	0.000	0.000	42	0.006	18	36	90
D88-163	65.20	66.20	1.00	0.000	0.000	2	0.003	13	40	71
D88-163	66.20	67.28	1.08	0.000	0.000	1	0.006	14	38	70
D88-163	67.28	67.58	0.30	0.000	0.000	3	0.006	3	37	16
D88-163	67.58	68.58	1.00	0.000	0.000	1	0.003	9	71	72
D88-163	68.58	69.28	0.70	0.000	0.000	1	0.006	13	62	65
D88-163	69.28	70.00	0.72	0.000	0.000	2	0.006	20	75	70
D88-163	70.00	71.00	1.00	0.000	0.000	1	0.006	12	46	67
D88-163	71.00	71.30	0.30	0.000	0.000	200	0.009	73	41	52
D88-163	71.30	72.30	1.00	0.000	0.000	1	0.003	12	45	69
D88-163	72.30	73.20	1.00	0.000	0.000	1	0.003	14	44	67
D88-163	73.20	74.20	1.00	0.000	0.000	5	0.003	48	40	46
D88-163	74.20	75.20	1.00	0.000	0.000	15	0.006	89	17	48
D88-163	75.20	76.20	1.00	0.000	0.000	14	0.006	57	39	50
D88-163	76.20	77.20	1.00	0.000	0.000	14	0.012	48	40	75
D88-163	77.20	78.20	1.00	0.000	0.000	11	0.009	52	29	80
D88-163	83.35	84.35	1.00	0.000	0.000	1	0.003	19	42	73
D88-163	84.35	84.70	0.35	0.000	0.000	8	0.009	44	21	39
D88-163	84.70	85.70	1.00	0.000	0.000	10	0.003	9	22	43
D88-163	85.70	86.40	0.70	0.000	0.000	1	0.003	2	11	58
D88-163	86.40	87.14	0.74	0.000	0.000	1	0.003	2	7	55
D88-163	87.14	88.14	1.00	0.000	0.000	1	0.003	2	9	56
D88-163	88.14	88.74	0.60	0.000	0.000	1	0.003	2	3	56
D88-163	88.74	89.74	1.00	0.000	0.000	2	0.003	5	6	61
D88-163	89.74	90.74	1.00	0.000	0.000	1	0.003	9	12	83
D88-163	90.74	91.74	1.00	0.000	0.000	1	0.003	13	9	56
D88-163	91.74	92.74	1.00	0.000	0.000	1	0.003	6	5	60
D88-163	105.50	106.50	1.00	0.000	0.000	64	0.003	26	6	56
D88-163	106.50	106.70	0.20	0.000	0.000	15	0.003	5	5	14
D88-163	106.70	107.68	0.98	0.000	0.000	9	0.003	6	4	32
D88-163	107.68	108.27	0.59	0.000	0.000	7	0.003	7	8	36
D88-163	108.27	108.57	0.30	0.000	0.000	9	0.003	9	12	32
D88-163	108.57	109.16	0.59	0.000	0.000	34	0.003	8	9	33
D88-163	109.16	109.50	0.34	0.000	0.000	31	0.003	10	14	30
D88-163	109.50	110.07	0.57	0.000	0.000	805	0.018	123	14	40
D88-163	110.07	111.07	1.00	0.000	0.000	59	0.012	38	19	83
D88-163	161.86	162.80	0.94	0.000	0.000	42	0.003	21	47	69
D88-163	162.80	163.00	0.20	0.000	0.000	8	0.003	5	21	41
D88-163	163.00	164.00	1.00	0.000	0.000	1	0.003	2	70	61

	FROM (M)	TO (M)	ASSAY INTERVAL	AU metallic oz/t	AU fire assay oz/t	AU geochem ppb	AG oz/t	AS ppm	CU ppm	ZN ppm
D88-163	213.08	214.10	1.02	0.000	0.000	1	0.006	2	300	39
D88-163	214.10	214.50	0.40	0.000	0.000	5	0.003	7	11	15
D88-163	214.50	215.50	1.00	0.000	0.000	13	0.003	5	16	39
D88-163	227.60	228.60	1.00	0.000	0.000	3	0.003	2	52	49
D88-163	228.60	228.96	0.36	0.000	0.000	4	0.003	4	21	43
D88-163	228.96	229.96	1.00	0.000	0.000	1	0.003	6	23	38
D88-163	249.56	250.56	1.00	0.000	0.000	3	0.003	8	19	41
D88-163	250.56	251.56	1.00	0.000	0.000	6	0.003	10	23	36
D88-163	251.56	252.16	0.50	0.000	0.000	1	0.003	5	16	35
D88-163	252.16	252.90	0.74	0.000	0.000	1	0.003	3	17	36
D88-163	252.90	253.90	1.00	0.000	0.000	2	0.003	4	37	40
D88-163	253.90	254.90	1.00	0.000	0.000	2	0.003	4	36	43
D88-163	254.90	255.90	1.00	0.000	0.000	1	0.003	5	33	45
D88-163	255.90	256.90	1.00	0.000	0.000	5	0.003	2	58	55
D88-163	256.90	257.90	1.00	0.000	0.000	1	0.003	3	30	58
D88-163	257.90	258.90	1.00	0.000	0.000	3	0.003	7	31	60
D88-163	258.90	259.90	1.00	0.000	0.000	1	0.003	14	53	40
D88-163	259.90	260.90	1.00	0.000	0.000	2	0.003	15	26	55
D88-163	260.90	261.90	1.00	0.000	0.000	2	0.003	11	55	40
D88-163	261.90	262.90	1.00	0.000	0.000	1	0.003	9	55	48
D88-163	262.90	263.90	1.00	0.000	0.000	3	0.003	8	24	65
D88-163	263.90	264.90	1.00	0.000	0.000	1	0.003	13	43	69
D88-163	264.90	265.90	1.00	0.000	0.000	51	0.006	30	38	66
D88-163	265.90	266.90	1.00	0.000	0.000	40	0.009	46	58	52
D88-163	266.90	267.90	1.00	0.000	0.000	2	0.003	11	15	51
D88-163	267.90	268.90	1.00	0.000	0.000	2	0.009	6	12	37
D88-163	268.90	269.90	1.00	0.000	0.000	1	0.003	6	80	54
D88-163	269.90	271.00	1.10	0.000	0.000	1	0.003	6	49	56
D88-163	271.00	272.00	1.00	0.000	0.000	1	0.003	9	67	42
D88-163	272.00	273.00	1.00	0.000	0.000	1	0.003	8	75	58
D88-163	273.00	274.00	1.00	0.000	0.000	1	0.003	24	82	46
D88-163	274.00	275.00	1.00	0.000	0.000	1	0.003	27	80	55
D88-163	275.00	276.10	1.10	0.000	0.000	1	0.003	39	51	49
D88-163	276.10	277.10	1.00	0.000	0.000	1	0.003	81	76	54
D88-163	277.10	277.70	0.60	0.000	0.000	1	0.003	43	46	39
D88-163	277.70	278.10	0.40	0.000	0.000	1	0.003	37	77	43
D88-163	283.00	284.00	1.00	0.000	0.000	1	0.003	9	84	61
D88-163	284.00	285.00	1.00	0.000	0.000	1	0.003	3	98	61
D88-163	285.00	286.00	1.00	0.000	0.000	3	0.003	6	71	53
D88-163	286.00	286.80	0.80	0.000	0.000	3	0.003	6	79	48
D88-163	286.80	287.80	1.00	0.000	0.000	1	0.003	4	115	57
D88-163	287.80	288.80	1.00	0.000	0.000	1	0.003	8	84	58
D88-163	288.80	289.80	1.00	0.000	0.000	1	0.009	3	776	58
D88-163	289.80	290.80	1.00	0.000	0.000	1	0.003	7	60	53
D88-163	290.80	291.80	1.00	0.000	0.000	3	0.003	5	85	70
D88-163	291.80	292.80	1.00	0.000	0.000	9	0.009	25	41	36
D88-163	292.80	293.80	1.00	0.000	0.000	53	0.023	7	149	39

DRILL HOLE	EASTING (M)	NORTHING (M)	ELEV (M)	AZI	DIP	HOLE LENGTH (M)
D88-165	10788.50	10779.50	859.90	270.00	-62.00	410.90

note: 0.000 = no analysis

	FROM (M)	TO (M)	ASSAY INTERVAL	AU metallic oz/t	AU fire assay oz/t	AU geochem ppb	AG oz/t	AS ppm	CU ppm	ZN ppm
D88-165	25.82	26.82	1.00	0.000	0.000	4	0.006	18	49	68
D88-165	26.82	27.38	0.56	0.000	0.000	2	0.018	61	45	94
D88-165	27.38	28.34	1.00	0.000	0.000	3	0.003	12	12	73
D88-165	28.34	29.34	0.96	0.000	0.000	14	0.012	42	67	12
D88-165	29.34	30.30	0.96	0.000	0.000	8	0.015	27	64	60
D88-165	30.30	31.00	0.70	0.000	0.000	6	0.015	26	59	53
D88-165	31.00	32.00	1.00	0.000	0.000	5	0.003	17	34	51
D88-165	32.00	33.00	1.00	0.000	0.000	4	0.003	22	39	44
D88-165	33.00	34.00	1.00	0.000	0.000	3	0.006	16	41	61
D88-165	34.00	35.00	1.00	0.000	0.000	18	0.009	16	32	44
D88-165	35.00	35.60	0.60	0.000	0.000	3	0.006	30	39	80
D88-165	35.60	36.60	1.00	0.000	0.000	11	0.009	45	51	64
D88-165	36.60	37.60	1.00	0.000	0.000	3	0.006	16	68	64
D88-165	37.60	38.20	0.60	0.000	0.000	4	0.006	21	61	67
D88-165	38.20	39.20	1.00	0.000	0.000	4	0.006	20	37	63
D88-165	39.20	40.20	1.00	0.000	0.000	3	0.006	3	14	50
D88-165	40.20	41.20	1.00	0.000	0.000	3	0.006	18	37	64
D88-165	41.20	42.11	0.91	0.000	0.000	1	0.009	21	67	64
D88-165	42.11	43.11	1.00	0.000	0.000	1	0.006	13	50	66
D88-165	43.11	44.11	1.00	0.000	0.000	2	0.009	32	28	67
D88-165	44.11	45.11	1.00	0.000	0.000	8	0.006	34	42	85
D88-165	45.11	46.11	1.00	0.000	0.000	3	0.012	40	42	26
D88-165	46.11	47.11	1.00	0.000	0.000	8	0.003	60	37	64
D88-165	60.20	61.20	1.00	0.000	0.000	4	0.006	14	8	64
D88-165	61.20	61.50	0.30	0.000	0.000	17	0.006	24	6	47
D88-165	61.50	62.32	0.82	0.000	0.000	6	0.003	14	11	57
D88-165	62.32	63.44	1.12	0.000	0.000	5	0.003	10	10	49
D88-165	63.44	64.44	1.00	0.000	0.000	5	0.003	19	24	51
D88-165	64.44	65.44	1.00	0.000	0.000	2	0.006	22	29	75
D88-165	65.44	66.44	1.00	0.000	0.000	14	0.012	33	33	89
D88-165	66.44	67.44	1.00	0.000	0.000	325	0.064	61	38	70
D88-165	67.44	68.44	1.00	0.000	0.000	51	0.023	24	17	56
D88-165	68.44	69.44	1.00	0.000	0.000	22	0.015	24	26	74
D88-165	69.44	70.49	1.05	0.000	0.000	10	0.006	22	16	80
D88-165	70.49	71.49	1.00	0.000	0.000	9	0.006	18	14	33
D88-165	71.49	72.54	1.05	0.000	0.000	6	0.006	12	14	35
D88-165	72.54	73.54	1.00	0.000	0.000	38	0.018	55	30	47
D88-165	73.54	74.64	1.10	0.000	0.000	30	0.018	40	25	40
D88-165	74.64	75.64	1.00	0.000	0.000	7	0.003	7	5	43
D88-165	75.64	76.64	1.00	0.000	0.000	6	0.003	9	10	50
D88-165	76.64	77.63	0.99	0.000	0.000	3	0.003	3	9	47
D88-165	77.63	78.63	1.00	0.000	0.000	9	0.003	19	9	51
D88-165	78.63	78.93	0.30	0.000	0.000	12	0.009	15	18	10
D88-165	78.93	79.64	0.71	0.000	0.000	18	0.009	33	22	66
D88-165	79.64	79.94	0.30	0.000	0.000	186	0.108	113	56	93
D88-165	79.94	80.44	0.50	0.000	0.000	26	0.015	27	15	82
D88-165	80.44	80.98	0.54	0.000	0.000	19	0.012	33	26	64
D88-165	80.98	81.98	1.00	0.000	0.000	24	0.009	53	28	77
D88-165	81.98	83.38	1.40	0.000	0.000	7	0.003	22	22	72
D88-165	83.38	83.84	0.50	0.000	0.000	19	0.003	12	9	32
D88-165	116.45	117.45	1.00	0.000	0.000	2	0.003	14	69	88
D88-165	117.45	118.15	0.70	0.000	0.000	7	0.009	21	48	63
D88-165	118.15	119.15	1.00	0.000	0.000	7	0.006	17	46	75
D88-165	119.15	120.20	1.05	0.000	0.000	3	0.003	13	42	80
D88-165	120.20	121.20	1.00	0.000	0.000	7	0.003	14	16	93
D88-165	121.20	122.20	1.00	0.000	0.000	14	0.006	23	13	87
D88-165	122.20	122.75	0.55	0.000	0.000	34	0.009	21	16	49
D88-165	122.75	123.75	1.00	0.000	0.000	9	0.003	13	14	79
D88-165	267.40	268.40	1.00	0.000	0.000	12	0.009	12	108	57
D88-165	268.40	269.40	1.00	0.000	0.000	5	0.009	13	66	38
D88-165	269.40	270.40	1.00	0.000	0.000	3	0.003	13	70	43
D88-165	272.30	273.30	1.00	0.000	0.000	5	0.006	15	74	51
D88-165	273.30	274.30	1.00	0.000	0.000	5	0.003	18	76	62
D88-165	274.30	274.50	0.20	0.000	0.000	15	0.012	16	60	34
D88-165	274.50	275.05	0.55	0.000	0.000	12	0.006	17	67	50
D88-165	275.05	276.05	1.00	0.000	0.000	9	0.003	9	43	48
D88-165	291.18	291.58	0.40	0.000	0.000	4	0.006	20	52	34
D88-165	291.58	292.35	0.77	0.000	0.000	2	0.003	23	57	44
D88-165	292.35	292.95	0.60	0.000	0.000	10	0.009	17	27	28
D88-165	292.95	293.95	1.00	0.000	0.000	5	0.003	15	61	57

	FROM (M)	TO (M)	ASSAY INTERVAL	AU metallic oz/t	AU fire assay oz/t	AU geochem ppb	AG oz/t	AS ppm	CU ppm	ZN ppm
D88-165	303.06	304.06	1.00	0.000	0.000	3	0.003	12	67	53
D88-165	304.06	305.04	0.98	0.000	0.000	212	0.012	69	33	52
D88-165	305.04	305.84	0.80	0.000	0.000	5	0.003	21	5	57
D88-165	305.84	306.84	1.00	0.000	0.000	12	0.003	19	13	46
D88-165	306.84	307.84	1.00	0.000	0.000	2	0.003	12	40	41
D88-165	307.84	308.84	1.00	0.000	0.000	8	0.006	10	32	47
D88-165	308.84	309.84	1.00	0.000	0.000	28	0.003	15	5	48
D88-165	309.84	310.84	1.00	0.000	0.000	34	0.006	23	8	45
D88-165	310.84	311.84	1.00	0.000	0.000	13	0.006	17	7	59
D88-165	311.84	312.84	1.00	0.000	0.000	112	0.006	41	27	61
D88-165	312.84	313.84	1.00	0.000	0.000	70	0.009	31	34	62
D88-165	335.50	336.50	1.00	0.000	0.000	33	0.006	21	36	56
D88-165	336.50	337.50	1.00	0.000	0.000	31	0.009	26	56	58
D88-165	337.50	337.87	0.37	0.000	0.000	23	0.009	21	22	40
D88-165	337.87	338.87	1.00	0.000	0.000	23	0.009	14	46	67
D88-165	372.07	373.03	0.96	0.000	0.000	18	0.003	7	29	39
D88-165	373.03	373.53	0.50	0.000	0.000	4	0.006	5	40	79
D88-165	373.53	374.53	1.00	0.000	0.000	1	0.009	3	79	83
D88-165	374.53	375.53	1.00	0.000	0.000	4	0.006	9	38	35
D88-165	375.53	376.58	0.05	0.000	0.000	1	0.006	9	28	62
D88-165	376.58	377.58	1.00	0.000	0.000	4	0.006	14	79	85
D88-165	390.66	391.66	1.00	0.000	0.000	2	0.009	8	41	82
D88-165	391.66	392.36	0.70	0.000	0.000	12	0.023	71	55	72
D88-165	392.36	393.36	1.00	0.000	0.000	2	0.006	8	104	93
D88-165	393.36	394.36	1.00	0.000	0.000	2	0.009	14	310	90
D88-165	394.36	395.36	1.00	0.000	0.000	9	0.006	24	64	93
D88-165	395.36	396.36	1.00	0.000	0.000	3	0.015	130	125	78
D88-165	396.36	397.36	1.00	0.000	0.000	38	0.032	148	621	81
D88-165	397.36	398.36	1.00	0.000	0.000	12	0.012	41	151	89
D88-165	398.36	399.40	1.04	0.000	0.000	7	0.020	22	499	301
D88-165	399.40	400.40	1.00	0.000	0.000	28	0.020	154	146	81
D88-165	400.40	401.10	0.70	0.000	0.000	80	0.050	213	26	33
D88-165	401.10	402.10	1.00	0.000	0.000	8	0.012	49	69	59
D88-165	270.40	271.40	1.00	0.000	0.000	1	0.006	5	69	44
D88-165	271.40	272.30	0.90	0.000	0.000	1	0.009	9	61	39

DRILL HOLE	EASTING (M)	NORTHING (M)	ELEV (M)	AZI	DIP	HOLE LENGTH (M)
D88-170	10788.50	10779.50	859.90	270.00	-72.00	295.35

note: 0.000 = no analysis

	FROM (M)	TO (M)	ASSAY INTERVAL	AU metallic oz/t	AU fire assay oz/t	AU geochem ppb	AG oz/t	AS ppm	CU ppm	ZN ppm
D88-170	22.03	23.03	1.00	0.000	0.000	3	0.073	8	88	108
D88-170	23.03	23.33	1.00	0.000	0.000	1	0.006	16	52	73
D88-170	23.33	24.33	1.00	0.000	0.000	2	0.009	18	69	78
D88-170	24.33	25.00	0.67	0.000	0.000	1	0.003	11	31	74
D88-170	25.00	26.00	1.00	0.000	0.000	1	0.006	19	47	77
D88-170	26.00	27.00	1.00	0.000	0.000	13	0.012	71	70	139
D88-170	27.00	28.00	1.00	0.000	0.000	15	0.009	15	50	63
D88-170	28.00	29.00	1.00	0.000	0.000	7	0.012	42	71	89
D88-170	29.00	30.00	1.00	0.000	0.000	3	0.003	24	38	61
D88-170	30.00	31.00	1.00	0.000	0.000	1	0.009	17	43	60
D88-170	31.00	32.00	1.00	0.000	0.000	2	0.009	22	53	73
D88-170	32.00	32.74	0.74	0.000	0.000	2	0.009	16	70	77
D88-170	32.74	33.22	0.50	0.000	0.000	6	0.006	36	59	77
D88-170	33.22	34.22	1.00	0.000	0.000	3	0.003	27	61	76
D88-170	60.75	61.75	1.00	0.000	0.000	2	0.003	11	14	53
D88-170	61.75	62.75	1.00	0.000	0.000	19	0.009	29	40	83
D88-170	62.75	63.55	0.80	0.000	0.000	26	0.015	30	26	74
D88-170	63.55	64.50	0.95	0.000	0.000	32	0.015	49	67	108
D88-170	64.50	65.50	1.00	0.000	0.000	17	0.009	19	26	64
D88-170	65.50	66.50	1.00	0.000	0.000	3	0.003	9	29	79
D88-170	73.37	74.37	1.00	0.000	0.000	1	0.003	9	14	75
D88-170	74.37	75.37	1.00	0.000	0.000	1	0.003	14	14	50
D88-170	75.37	76.37	1.00	0.000	0.000	1	0.003	14	21	93
D88-170	90.55	91.55	1.00	0.000	0.000	4	0.003	16	22	68
D88-170	91.55	91.75	0.20	0.000	0.000	12	0.003	13	8	46
D88-170	91.75	92.75	1.00	0.000	0.000	2	0.006	12	48	135
D88-170	173.18	174.18	1.00	0.000	0.000	1	0.003	6	39	48
D88-170	174.18	174.51	0.33	0.000	0.000	8	0.003	11	74	65
D88-170	174.51	175.51	1.00	0.000	0.000	3	0.006	8	90	65
D88-170	175.51	176.25	0.74	0.000	0.000	1	0.003	8	77	49
D88-170	176.25	177.09	0.84	0.000	0.000	1	0.003	12	43	50
D88-170	177.09	178.09	1.00	0.000	0.000	1	0.003	9	24	50
D88-170	178.09	179.09	1.00	0.000	0.000	1	0.003	13	57	59
D88-170	179.09	180.09	1.00	0.000	0.000	1	0.003	2	41	37
D88-170	180.09	181.09	1.00	0.000	0.000	1	0.006	9	16	53
D88-170	181.09	182.09	1.00	0.000	0.000	1	0.003	10	13	41
D88-170	182.09	183.09	1.00	0.000	0.000	1	0.003	7	32	51
D88-170	183.09	184.09	1.00	0.000	0.000	2	0.003	7	33	49
D88-170	184.09	185.09	1.00	0.000	0.000	1	0.003	7	74	47
D88-170	247.70	248.70	1.00	0.000	0.000	2	0.003	11	24	76
D88-170	248.70	249.70	1.00	0.000	0.000	3	0.006	9	20	53
D88-170	249.70	250.70	1.00	0.000	0.000	6	0.003	20	27	45
D88-170	250.70	251.70	1.00	0.000	0.000	3	0.003	27	61	63
D88-170	251.70	252.70	1.00	0.000	0.000	2	0.003	19	63	48
D88-170	252.70	253.70	1.00	0.000	0.000	1	0.003	22	63	44
D88-170	286.70	287.70	1.00	0.000	0.000	28	0.006	11	59	41
D88-170	287.70	288.70	1.00	0.000	0.000	26	0.012	70	59	77
D88-170	288.70	289.70	1.00	0.000	0.000	210	0.018	45	56	63
D88-170	289.70	290.70	1.00	0.000	0.000	55	0.044	187	138	483
D88-170	290.70	291.70	1.00	0.000	0.000	23	0.041	284	150	162
D88-170	291.70	292.70	1.00	0.000	0.000	20	0.015	327	86	189
D88-170	292.70	293.70	1.00	0.000	0.000	30	0.012	164	62	80
D88-170	293.70	294.40	0.70	0.000	0.000	66	0.015	35	50	75
D88-170	294.40	295.35	0.95	0.000	0.000	7	0.003	22	30	65

APPENDIX D

ASSAY CERTIFICATE

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: DEC 5 1988 DATE REPORT MAILED: Dec 6, 1988 SIGNED BY ..... D.TOYE, C.LEONG, B.CHAN, J.WANG; CERTIFIED B.C. ASSAYERS

DW 159

WESTMIN RESOURCES LTD. PROJECT DEBBIE(6208) File # 88-6130 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
U 9201	1	10	2	41	.1	9	8	500	3.25	2	5	ND	1	67	1	2	2	33	6.24	.047	8	17	1.25	40	.01	8	1.50	.02	.12	1	26
U 9202	1	11	3	43	.1	5	7	649	2.86	9	5	ND	1	143	1	2	2	25	6.58	.066	7	7	1.06	52	.01	9	.49	.02	.11	2	68
U 9203	1	18	7	59	.1	9	13	606	5.10	2	5	ND	1	46	1	2	2	77	2.61	.066	9	13	1.98	34	.01	2	2.66	.03	.10	1	51
U 9204	1	39	4	55	.2	4	11	625	4.54	2	5	ND	1	69	1	2	2	68	4.01	.093	11	9	1.53	26	.01	3	1.91	.04	.06	1	7
U 9205	1	47	4	36	.1	24	12	787	4.15	6	5	ND	1	181	1	4	2	27	7.76	.070	7	20	2.14	50	.01	8	.41	.02	.14	3	3
U 9206	1	65	5	57	.3	47	19	985	5.49	2	5	ND	1	134	1	2	2	60	5.31	.102	13	65	2.85	67	.01	8	1.88	.02	.17	2	6
U 9207	1	38	6	37	.1	6	5	321	4.56	4	5	ND	1	33	1	2	2	21	2.55	.005	3	24	.77	13	.01	2	1.59	.01	.03	2	5
U 9208	1	38	4	51	.1	7	10	611	5.15	10	5	ND	1	106	1	2	2	69	4.96	.073	8	10	1.58	62	.01	9	1.16	.02	.10	2	2
U 9209	1	36	2	71	.2	11	11	474	5.31	12	5	ND	1	69	1	2	2	43	3.95	.099	8	15	1.25	120	.01	11	2.35	.01	.20	1	8
U 9210	5	48	16	58	.8	19	9	326	5.19	55	5	ND	1	77	1	2	2	31	4.95	.061	5	20	.77	75	.01	4	1.75	.01	.09	2	210
U 9211	1	33	7	62	.1	10	9	405	4.87	15	5	ND	1	107	1	2	2	33	5.17	.052	6	20	1.03	128	.01	4	2.24	.01	.16	3	6
U 9212	6	40	21	65	.9	18	8	364	4.55	49	5	ND	1	73	1	2	2	29	4.42	.042	5	13	.71	68	.01	4	1.47	.01	.09	1	210
U 9213	1	34	7	67	.2	13	12	376	5.14	23	5	ND	1	66	1	2	2	33	4.41	.089	6	20	1.06	163	.01	10	2.38	.01	.19	1	17
U 9214	14	56	44	105	2.0	21	6	326	5.46	99	5	ND	1	69	1	5	2	22	4.87	.049	5	14	.54	63	.01	3	1.25	.01	.08	2	230
U 9215	1	40	9	47	.1	7	7	343	3.84	26	5	ND	1	67	1	2	2	23	4.53	.132	7	12	.71	142	.01	4	1.68	.01	.17	2	250
U 9216	4	36	12	39	.7	14	5	288	4.42	31	5	ND	1	84	1	2	5	30	5.16	.006	4	17	.51	18	.01	2	1.24	.01	.02	2	42
U 9217	1	65	18	103	.2	17	9	615	6.93	46	5	ND	1	51	1	2	2	76	2.79	.054	8	29	1.49	66	.02	2	2.77	.02	.07	1	5
U 9218	1	60	13	59	.2	10	4	463	3.75	67	5	ND	1	92	1	2	2	43	5.60	.026	4	18	.66	23	.01	2	1.24	.01	.02	5	21
U 9219	1	55	14	81	.1	12	12	785	6.24	81	5	ND	1	71	1	2	2	70	4.14	.101	10	22	1.74	87	.01	2	2.81	.02	.12	3	7
U 9220	1	66	16	94	.1	16	9	678	6.60	907	5	ND	1	57	1	2	2	69	3.33	.052	7	24	1.55	57	.01	2	2.63	.01	.09	1	20
U 9221	1	36	11	72	.2	11	9	551	4.40	142	5	ND	1	68	1	2	2	43	3.24	.065	11	17	1.21	78	.01	2	2.04	.02	.12	1	9
U 9222	1	70	17	68	.3	14	11	499	4.84	487	5	ND	1	41	1	2	2	51	2.34	.035	6	25	1.15	47	.01	2	1.85	.02	.07	1	27
U 9223	1	44	5	42	.1	8	4	392	3.49	44	5	ND	1	32	1	2	2	36	2.39	.009	3	39	.78	86	.01	2	1.27	.01	.02	1	6
U 9224	1	61	11	48	.3	13	14	475	4.02	90	5	ND	1	118	1	2	2	29	6.32	.091	7	13	.85	140	.01	5	1.79	.01	.20	3	113
U 9225	1	109	15	88	11.7	8	10	565	5.26	133	5	52	1	87	1	2	2	34	2.43	.054	7	14	1.43	50	.01	18	.72	.03	.16	1	59200
U 9226	1	53	10	75	1.8	10	12	637	4.80	42	5	ND	1	98	1	2	2	55	3.21	.091	7	12	1.48	72	.01	12	1.40	.03	.16	1	110
U 9227	3	31	9	59	.4	13	6	367	2.01	51	5	ND	1	69	1	2	2	21	2.63	.034	6	35	.42	40	.01	8	.61	.02	.09	1	95
U 9228	2	32	10	88	.2	9	7	602	4.42	48	5	ND	1	46	1	2	2	37	1.76	.056	8	13	1.23	43	.01	5	1.86	.02	.14	1	71
U 9229	2	48	11	57	.2	11	7	433	2.47	51	5	ND	1	57	1	2	2	32	2.53	.049	6	26	.65	21	.01	2	.85	.02	.07	1	108
U 9230	1	34	5	54	.2	8	12	686	4.36	21	5	ND	1	98	1	2	2	47	3.97	.062	8	11	1.46	35	.01	10	1.47	.02	.12	3	19
U 9231	1	31	2	55	.1	7	12	846	4.55	20	5	ND	1	173	1	3	2	37	7.04	.051	5	15	1.83	49	.01	16	.39	.03	.11	2	27
U 9232	1	35	9	51	.1	11	13	747	4.07	22	5	ND	1	145	1	2	2	37	6.02	.055	7	16	1.51	41	.01	10	1.00	.03	.11	3	14
U 9233	1	46	3	69	.1	12	15	648	5.10	21	5	ND	1	111	1	2	2	44	4.12	.056	9	20	1.65	53	.01	14	1.22	.03	.16	2	11
U 9234	2	32	5	56	.1	8	11	506	3.80	36	5	ND	2	74	1	2	2	32	2.53	.080	8	12	1.19	45	.01	14	.84	.03	.10	1	36
U 9235	1	45	5	64	.3	8	9	553	4.09	33	5	ND	2	85	1	2	2	29	2.51	.049	8	10	1.08	66	.01	16	.37	.03	.13	1	53
U 9236	1	32	6	65	.2	7	10	557	3.39	46	5	ND	2	87	1	3	2	23	3.28	.060	7	9	1.18	54	.01	19	.32	.03	.13	1	57
STD C/AU-R	19	63	42	132	7.1	68	31	1020	4.06	44	18	6	39	50	13	17	22	61	.51	.094	41	57	.95	178	.07	33	1.95	.06	.14	13	515

WESTMIN RESOURCES LTD. PROJECT DEBBIE(6208) FILE # 88-6130

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
U 9237	1	26	4	55	.5	8	10	656	4.18	50	5	ND	1	108	1	3	2	21	4.51	.057	7	8	1.43	42	.01	26	.38	.02	.09	1	51
U 9238	1	46	3	71	.3	6	15	695	5.23	22	5	ND	1	120	1	2	2	71	4.42	.129	7	9	1.24	52	.01	30	1.63	.02	.11	1	40
U 9239	1	52	2	63	.4	29	16	889	5.18	32	5	ND	1	172	1	2	2	64	6.66	.059	5	51	2.09	53	.01	25	2.07	.02	.09	1	53
U 9240	1	33	2	49	.3	31	12	568	3.44	22	5	ND	1	125	1	2	2	31	3.43	.054	6	51	1.40	176	.01	23	.98	.02	.15	1	27
U 9241	1	3	3	39	.4	5	4	400	1.99	2	5	ND	1	45	1	2	3	3	1.60	.036	11	6	.33	55	.01	14	.83	.03	.16	1	2
U 9242	1	108	4	86	.1	49	23	817	5.80	7	5	ND	1	153	1	2	2	143	4.13	.086	4	139	3.31	174	.10	16	4.18	.11	.04	1	2
U 9243	1	205	2	49	.4	35	18	763	4.58	5	5	ND	1	105	1	2	2	102	7.76	.046	4	99	2.41	119	.01	14	2.88	.02	.06	2	1
STD C/AU-R	18	58	45	132	6.8	70	31	1027	4.19	42	16	7	36	48	19	19	19	59	.52	.095	36	59	.90	173	.07	36	2.08	.06	.14	13	530

JAN - 3 1989

ACME ANALYTICAL LABORATORIES LTD.
352 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: DEC 5 1988
DATE REPORT MAILED: Dec. 19/88

ASSAY CERTIFICATE

DN159

- SAMPLE TYPE: REJECT + PULP -100 MESH AU BY FIRE ASSAY FROM 1 A.T.

SIGNED BY..... D.TOYE, C.LEONG, B.CHAN, J.WANG; CERTIFIED B.C. ASSAYERS

WESTMIN RESOURCES LTD. PROJECT DEBBIE(6208) FILE # 88-6130R

SAMPLE#	Ag** OZ/T	SAMPLE WT GM	AU-100 OZ/T	NATIVE AU MG	AVG. OZ/T
U 9224	.01	710	.004	ND	.004
U 9225	.06	730	.412	4.14	.577
U 9226	.01	600	.013	.13	.019

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

JAN 24 1989

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JAN 19 1989 DATE REPORT MAILED: Jan 20/89 SIGNED BY C. Leong ...D.TOYE, C.LEONG, B.CHAN, J.WANG; CERTIFIED B.C. ASSAYERS

WESTMIN RESOURCES LTD. PROJECT 6208 DEBBIE File # 89-0116 Du159

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
U 9361	2	134	2	91	.1	6	18	737	6.48	5	5	ND	1	62	1	2	2	174	3.66	.152	13	2	2.31	21	.10	3	3.56	.08	.04	1	1
U 9362	2	99	7	83	.1	30	19	637	5.86	2	5	ND	1	63	1	2	2	92	2.13	.084	7	61	2.83	35	.03	3	3.63	.06	.07	1	2
U 9363	1	88	5	81	.1	34	18	729	6.01	5	5	ND	1	95	1	2	4	93	2.27	.070	7	61	3.35	40	.16	6	3.89	.04	.06	1	1
U 9364	1	55	9	79	.1	21	19	694	5.38	3	5	ND	1	109	1	2	2	95	2.95	.134	12	27	3.18	66	.14	12	3.98	.07	.14	1	1
U 9365	1	44	7	77	.1	13	18	932	5.64	5	5	ND	1	71	1	2	2	126	2.59	.109	11	9	2.65	71	.20	5	3.79	.09	.13	1	1
U 9366	1	41	2	68	.1	13	17	826	4.96	3	5	ND	1	89	1	2	2	87	3.65	.094	11	13	2.54	75	.07	6	3.52	.07	.14	2	1
U 9367	1	61	6	75	.1	31	18	813	5.56	2	5	ND	1	86	1	2	3	121	2.64	.111	12	11	2.80	79	.10	10	3.78	.07	.14	1	1
U 9368	1	52	9	66	.2	10	17	739	4.75	2	5	ND	1	133	1	2	2	90	2.91	.101	9	12	2.52	82	.16	9	3.47	.09	.10	2	1
U 9369	1	45	8	74	.1	11	18	734	5.14	5	5	ND	1	222	1	2	2	100	2.91	.129	11	6	2.60	70	.14	9	3.66	.07	.08	1	1
U 9370	1	73	12	69	.1	24	17	645	5.26	2	5	ND	1	147	1	2	2	75	2.50	.075	10	45	2.52	76	.13	7	3.59	.06	.17	1	2
U 9371	1	59	7	64	.1	13	13	633	4.54	2	5	ND	1	135	1	2	3	71	3.88	.089	9	30	2.12	131	.14	11	3.39	.06	.20	1	1
U 9372	1	63	2	77	.1	9	16	766	5.05	4	5	ND	1	77	1	2	3	95	2.89	.117	10	9	2.41	92	.15	17	3.43	.09	.09	1	1
U 9373	1	69	6	70	.1	12	17	768	4.90	3	5	ND	2	94	1	2	2	97	3.57	.106	10	15	2.35	119	.15	15	3.46	.07	.11	1	1
U 9374	1	73	16	64	.1	23	18	820	4.94	3	5	ND	1	58	1	2	2	129	3.19	.091	5	62	2.63	107	.23	13	3.71	.09	.05	2	1
U 9375	1	86	7	79	.2	33	21	977	6.06	6	5	ND	1	79	1	2	2	128	3.01	.086	6	94	3.32	130	.21	11	4.31	.07	.07	1	1
U 9376	1	51	7	55	.1	20	12	706	5.18	6	5	ND	1	74	1	2	4	68	3.59	.040	7	68	1.99	85	.03	8	2.81	.03	.06	2	4
U 9377	1	26	5	69	.1	14	12	590	5.71	9	5	ND	1	52	1	2	2	78	2.69	.063	7	22	1.90	138	.01	9	3.34	.04	.21	1	8
U 9378	1	41	8	62	.2	16	14	439	4.60	16	5	ND	1	62	1	2	2	41	4.21	.084	8	12	1.21	293	.01	13	2.75	.01	.31	1	4
U 9379	1	49	2	62	.1	14	11	498	4.38	14	5	ND	1	112	1	2	2	39	5.83	.085	7	11	.99	345	.01	20	2.77	.01	.34	1	1
U 9380	1	77	30	106	.3	14	14	323	5.97	26	5	ND	1	33	1	2	2	44	2.05	.084	6	15	1.38	278	.01	16	3.30	.01	.28	1	21
U 9381	1	49	8	76	.1	18	11	391	4.88	19	5	ND	1	45	1	2	2	50	3.44	.061	8	16	1.05	272	.01	10	2.76	.01	.27	3	2
U 9382	1	34	8	70	.1	13	12	454	4.30	21	5	ND	1	74	1	2	2	43	5.12	.064	6	12	.99	298	.01	12	2.59	.01	.30	1	3
STD C/AU-R	19	61	43	131	7.1	72	31	1044	4.15	41	21	7	38	48	18	20	24	61	.49	.093	40	55	.94	175	.07	38	2.05	.06	.13	13	515

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

DU-159-88

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: MAR 10 1989 DATE REPORT MAILED: March 15/89 SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

WESTMIN RESOURCES LTD. PROJECT 6209 File # 89-0553

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
U 9383	1	37	8	65	.4	13	13	447	3.90	43	5	ND	1	70	1	2	2	41	4.28	.144	12	12	1.17	367	.01	14	2.50	.05	.39	3	14
U 9384	1	37	2	65	.3	13	11	478	3.92	32	5	ND	2	75	1	2	2	34	4.87	.117	9	9	1.09	387	.01	19	2.58	.02	.41	2	10
U 9385	1	49	15	90	.2	15	15	740	5.21	105	5	ND	1	69	1	2	2	84	3.32	.061	7	26	1.71	65	.02	11	2.89	.08	.23	2	19
U 9386	1	47	2	80	3.5	16	17	852	5.27	18	5	ND	1	82	2	2	2	76	3.79	.071	10	25	1.96	39	.01	4	2.71	.06	.11	1	10
U 9387	1	66	10	78	.8	27	19	836	5.35	30	5	ND	2	95	1	2	2	80	3.87	.061	9	25	2.25	52	.01	14	3.12	.06	.23	2	21
U 9388	1	166	2	86	.5	9	16	733	4.87	33	5	ND	1	92	1	2	4	76	3.17	.060	9	14	1.77	53	.01	9	2.26	.05	.22	3	34
U 9389	1	34	2	95	.1	3	14	712	5.35	47	5	ND	1	80	1	2	3	63	2.65	.086	9	7	1.63	88	.01	14	2.03	.05	.21	1	29
U 9390	1	54	11	111	.2	12	10	632	4.27	52	5	ND	2	66	2	2	2	43	2.36	.073	13	16	1.32	74	.01	9	2.03	.06	.23	1	41
U 9391	1	56	9	93	.4	12	17	990	5.34	46	5	ND	1	130	2	2	2	93	4.92	.106	6	9	1.64	86	.01	12	2.44	.07	.25	1	47
STD C/AU-R	20	63	42	139	7.6	71	32	1046	4.30	39	19	8	39	50	19	14	22	63	.49	.093	41	58	.94	180	.07	35	2.02	.06	.14	13	490

April 13

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

DU-159-88
Underground

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: APR 6 1989 DATE REPORT MAILED: April 11/89 SIGNED BY C. Leong ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

WESTMIN RESOURCES LTD. PROJECT 6209 File # 89-0736

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
U 9392	1	77	26	90	.3	14	12	567	6.61	84	5	ND	1	39	2	4	3	65	2.05	.051	9	23	1.42	68	.01	3	2.04	.02	.09	2	13
U 9393	1	24	20	80	.1	8	6	481	3.27	19	5	ND	2	49	2	2	3	27	2.93	.168	18	12	1.12	96	.01	2	1.55	.03	.13	1	4
U 9394	1	43	20	69	.2	9	8	526	4.38	31	5	ND	1	45	2	2	2	34	2.89	.076	8	12	1.55	139	.01	7	2.20	.01	.14	1	28
U 9395	1	35	12	54	.1	6	11	413	3.08	26	5	ND	1	52	2	2	2	27	3.65	.093	9	9	1.11	112	.01	6	1.50	.02	.11	1	26
U 9396	1	37	23	78	.2	2	12	732	5.13	47	5	ND	1	69	2	2	2	60	2.63	.064	8	9	1.82	139	.01	10	2.48	.02	.10	1	21
U 9397	1	40	16	78	.3	8	14	664	4.97	153	5	ND	1	60	3	4	2	66	3.14	.082	7	10	1.51	33	.01	2	2.14	.03	.09	1	71
STD C/AU-R	19	62	44	132	7.6	67	31	1033	4.09	45	20	8	38	49	20	15	23	61	.50	.093	40	56	.93	176	.06	37	1.79	.06	.13	13	505

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253 ..16

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

Dec 14
DATE RECEIVED: DEC 9 1988 DATE REPORT MAILED: Dec 12/88 SIGNED BY. C. Leong ..D.TOYE, C.LEONG, B.CHAN, J.WANG; CERTIFIED B.C. ASSAYERS

DJ 1163

WESTMIN RESOURCES LTD. PROJECT 6208 File # 88-6198 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
U 9244	1	45	6	64	.1	14	14	693	4.12	8	5	ND	1	97	1	2	2	66	3.05	.077	12	18	2.35	41	.06	7	2.49	.04	.08	1	1
U 9245	1	34	9	35	.1	7	11	1736	3.48	7	5	ND	1	257	2	2	2	45	18.78	.049	11	10	2.49	24	.01	4	.44	.01	.07	3	3
U 9246	1	44	6	60	.1	25	20	852	4.64	11	5	ND	1	66	1	2	3	86	2.92	.086	12	40	3.26	46	.06	5	3.12	.03	.07	1	2
U 9247	1	52	12	63	.1	31	22	1042	5.05	14	5	ND	2	130	2	2	2	109	4.37	.096	14	54	3.62	55	.13	4	3.39	.02	.10	1	1
U 9248	1	15	8	61	.1	27	17	762	4.18	14	5	ND	1	93	2	2	2	69	6.76	.079	10	39	2.75	47	.02	5	2.67	.02	.08	1	2
U 9249	1	24	3	66	.1	33	21	809	4.92	4	5	ND	1	74	2	2	2	85	4.40	.091	11	51	3.43	60	.07	6	3.30	.02	.11	1	1
U 9250	1	55	8	62	.1	51	23	764	5.11	16	5	ND	1	79	2	2	2	64	7.16	.088	9	45	2.67	107	.04	14	3.34	.01	.20	1	1
U 9251	1	44	9	55	.1	22	18	681	4.97	14	5	ND	1	99	1	2	2	50	7.43	.065	9	29	1.77	118	.01	9	2.69	.01	.19	2	1
U 9252	1	43	3	66	.1	34	23	659	5.49	22	5	ND	1	61	1	2	3	57	4.75	.065	10	8	2.13	129	.02	10	3.05	.01	.21	2	1
U 9253	1	37	4	65	.1	10	17	660	5.07	16	5	ND	1	69	1	2	2	50	5.26	.077	9	6	2.10	132	.01	8	2.88	.01	.20	1	1
U 9254	1	46	9	64	.1	8	19	675	5.04	13	5	ND	1	64	1	2	4	52	5.21	.088	13	5	2.16	144	.01	9	2.97	.01	.21	1	1
U 9255	4	37	8	71	.1	14	16	724	4.81	20	5	ND	1	72	1	2	2	48	6.14	.096	10	10	1.79	143	.01	11	2.71	.01	.22	1	2
U 9256	1	37	11	67	.1	15	16	505	4.04	17	5	ND	1	78	1	2	3	37	5.99	.077	10	13	1.03	233	.01	11	2.20	.01	.26	1	2
U 9257	3	82	27	122	.4	32	15	394	6.34	42	5	ND	1	57	1	3	2	67	3.23	.107	7	26	1.02	85	.01	5	2.27	.01	.10	1	10
U 9258	1	49	13	94	.1	21	15	534	4.86	27	5	ND	1	93	1	2	2	45	6.22	.079	8	13	1.10	159	.01	10	2.23	.01	.20	1	1
U 9259	7	68	24	146	.3	39	14	342	5.99	58	5	ND	1	122	1	3	2	66	5.01	.146	7	15	.80	101	.01	8	1.93	.01	.11	1	9
U 9260	6	86	50	105	.7	38	14	368	6.60	89	5	ND	1	107	1	2	2	88	6.26	.080	8	26	.79	71	.01	2	1.98	.01	.08	1	19
U 9261	5	79	26	86	.3	30	11	267	5.59	48	5	ND	1	96	1	2	2	110	3.74	.052	7	36	.66	12	.01	2	1.81	.01	.01	1	13
U 9262	2	55	16	56	.2	16	8	253	3.57	34	5	ND	1	32	1	2	2	61	2.49	.034	7	25	.45	32	.01	2	1.13	.01	.04	1	16
U 9263	1	36	9	45	.1	13	14	307	2.89	23	5	ND	2	62	1	2	2	21	3.02	.141	17	7	.67	267	.01	20	1.68	.02	.29	3	3
U 9264	1	30	10	49	.1	12	10	481	2.79	16	5	ND	1	78	1	2	2	20	5.96	.103	13	6	.72	256	.01	15	1.75	.01	.30	2	2
U 9265	1	42	9	59	.2	13	13	481	4.08	22	5	ND	1	55	1	2	2	28	3.99	.066	9	13	1.04	210	.01	12	2.20	.01	.26	1	2
U 9266	1	43	10	78	.1	18	13	558	4.32	24	5	ND	2	69	1	2	2	32	5.15	.094	14	15	1.17	193	.01	13	2.25	.01	.23	2	1
U 9267	1	63	7	75	.1	14	18	660	5.23	26	5	ND	1	71	1	3	2	55	4.68	.100	14	17	1.63	227	.05	6	2.67	.01	.19	2	2
U 9268	1	18	8	54	.1	7	11	557	3.72	17	5	ND	1	51	1	2	2	19	3.08	.060	20	7	1.11	154	.01	7	1.81	.02	.17	1	1
U 9269	1	48	9	62	.2	9	12	1025	3.38	28	5	ND	1	186	1	2	2	33	14.30	.044	11	16	1.25	170	.01	8	1.43	.01	.17	1	6
U 9270	1	40	16	70	.2	14	12	915	4.14	25	5	ND	1	198	1	2	2	43	9.96	.050	8	12	1.21	121	.01	3	2.04	.01	.33	1	8
U 9271	1	45	12	93	.3	16	21	750	5.26	18	5	ND	1	43	1	2	2	105	2.48	.061	10	31	1.93	50	.01	3	2.36	.03	.06	1	3
U 9272	1	44	2	60	.1	18	15	663	4.13	18	5	ND	1	46	1	3	2	69	2.81	.036	6	27	1.50	40	.01	10	1.72	.02	.06	1	6
U 9273	1	48	13	75	.2	12	14	737	4.01	33	5	ND	2	70	1	2	3	55	3.66	.049	7	16	1.13	42	.01	16	1.12	.02	.05	1	19
U 9274	1	37	7	61	.2	14	16	747	4.39	14	5	ND	1	64	1	2	2	64	3.55	.052	11	15	1.69	43	.03	7	2.22	.04	.12	1	2
U 9275	2	28	15	105	.2	14	12	588	3.97	16	5	ND	4	35	2	3	2	31	1.90	.083	21	13	1.40	134	.07	9	1.94	.03	.19	1	10
U 9276	3	36	16	90	.2	21	10	448	2.91	18	5	ND	2	47	1	3	2	57	2.71	.073	15	17	.88	63	.03	4	1.26	.04	.10	1	42
U 9277	1	40	9	71	.1	12	16	821	5.11	13	5	ND	2	55	1	2	2	67	3.06	.068	13	15	2.05	127	.02	4	2.75	.03	.16	1	2
U 9278	1	38	14	70	.2	18	19	823	4.90	14	5	ND	2	65	1	2	4	65	4.07	.071	10	16	1.94	120	.01	7	2.61	.03	.14	2	1
U 9279	1	37	9	16	.2	6	6	843	1.05	3	5	ND	1	161	1	4	2	14	17.92	.028	12	11	.38	88	.01	8	.60	.01	.12	2	3
STD C/AU-R	20	63	42	132	7.1	71	31	1052	4.11	43	22	9	40	51	19	18	23	64	.51	.090	40	57	.92	181	.07	41	1.93	.06	.14	12	505

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
U 9280	1	71	5	72	.1	21	15	873	4.97	9	5	ND	2	59	1	2	4	63	3.38	.082	10	24	1.89	120	.01	6	2.85	.03	.20	1	1
U 9281	1	62	8	65	.2	17	17	849	5.19	13	5	ND	1	56	1	2	2	66	3.64	.070	12	17	2.01	98	.01	2	2.91	.02	.16	1	1
U 9282	1	75	13	70	.2	13	19	926	5.56	20	5	ND	1	63	1	2	2	81	4.03	.054	8	11	2.13	127	.01	5	3.04	.02	.20	1	2
U 9283	1	46	9	67	.2	10	18	814	4.83	12	5	ND	2	55	1	2	2	50	3.80	.121	10	10	1.86	113	.01	5	2.56	.02	.15	1	1
U 9284	1	41	2	52	.3	13	16	972	4.86	73	5	ND	1	171	2	6	2	25	7.43	.070	7	3	1.92	82	.01	10	.48	.02	.17	1	200
U 9285	1	45	9	69	.1	11	17	919	5.00	12	5	ND	2	71	1	2	4	62	5.19	.078	8	13	1.98	67	.01	6	2.35	.02	.11	1	1
U 9286	1	44	5	67	.1	15	17	928	5.01	14	5	ND	2	94	1	2	2	56	4.79	.077	10	12	2.04	72	.01	11	1.62	.03	.12	1	1
U 9287	1	40	6	46	.1	11	17	742	4.11	48	5	ND	1	130	1	4	2	27	5.67	.081	6	5	1.70	73	.01	9	.38	.02	.15	2	5
U 9288	1	17	9	48	.2	11	13	612	4.11	89	5	ND	2	135	1	6	2	17	6.40	.070	4	3	1.71	97	.01	11	.34	.01	.17	1	15
U 9289	1	39	5	50	.2	22	18	677	4.50	57	5	ND	1	124	1	4	2	30	4.92	.113	6	7	1.68	71	.01	8	.63	.02	.14	2	14
U 9290	1	40	9	75	.4	12	15	657	4.70	48	5	ND	2	86	1	5	5	40	3.54	.134	7	4	1.35	79	.01	10	.75	.02	.11	1	14
U 9291	1	29	12	80	.3	10	16	768	5.21	52	5	ND	1	62	2	4	2	76	3.31	.069	6	7	1.67	48	.01	6	1.88	.03	.06	1	11
U 9292	1	42	5	73	.1	12	17	904	4.89	19	5	ND	2	86	2	3	2	72	6.93	.076	10	16	1.63	64	.01	6	2.63	.03	.10	1	1
U 9293	1	21	12	39	.3	14	8	1900	2.20	44	18	ND	1	410	1	2	4	35	33.01	.010	8	3	.47	56	.01	7	.67	.01	.03	2	8
STD C/AU-R	19	62	40	132	6.7	73	31	1041	4.30	44	22	7	40	50	19	19	25	61	.50	.095	41	56	.97	180	.07	36	2.07	.06	.14	11	515

JAN - 3 1989

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANC B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

Du 163

DATE RECEIVED: DEC 13 1988 DATE REPORT MAILED: Dec 15/88 SIGNED BY. C. Leong ..D.TOYE, C.LEONG, B.CHAN, J.WANG; CERTIFIED B.C. ASSAYERS

WESTMIN RESOURCES LTD. PROJECT 6208 File # 88-6271 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
U 9294	1	22	3	43	.1	1	5	479	2.00	9	5	ND	1	67	1	2	4	9	3.37	.051	13	2	.50	77	.01	8	1.05	.01	.14	1	10
U 9295	1	11	3	56	.1	2	6	560	2.59	2	5	ND	1	75	1	2	2	9	3.14	.048	13	4	.66	116	.01	6	1.32	.02	.12	1	1
U 9296	1	7	8	55	.1	2	5	599	2.42	2	5	ND	1	112	1	2	2	11	3.95	.042	14	1	.59	198	.01	6	1.18	.02	.10	1	1
U 9297	1	9	5	56	.1	1	6	582	2.66	2	5	ND	1	47	1	2	2	15	2.57	.043	12	3	.73	54	.01	4	1.19	.02	.09	1	1
U 9298	1	3	9	56	.1	2	6	667	2.50	2	5	ND	1	72	1	2	2	10	2.57	.042	14	2	.67	140	.01	8	.65	.02	.09	1	1
U 9299	1	6	5	51	.1	3	5	711	2.51	5	5	ND	1	52	1	2	2	11	2.71	.045	14	3	.75	118	.01	8	.94	.02	.09	1	2
U 9300	1	12	6	83	.1	2	8	830	3.23	9	5	ND	1	51	1	2	2	13	1.94	.056	14	2	.97	104	.01	4	1.18	.01	.08	1	1
U 9301	1	9	6	56	.1	1	6	615	2.44	13	5	ND	1	64	1	2	2	9	2.42	.039	7	2	.73	63	.01	10	.49	.02	.09	1	1
U 9302	1	5	10	60	.1	1	6	576	2.41	6	5	ND	1	45	1	2	2	12	1.85	.043	15	2	.62	120	.01	4	1.05	.02	.09	1	1
U 9303	1	6	6	56	.1	2	6	551	2.75	26	5	ND	1	68	1	2	2	13	2.02	.050	11	4	.66	54	.01	2	1.36	.02	.12	1	64
U 9304	1	5	5	14	.1	1	2	502	1.00	5	5	ND	1	114	1	2	2	5	5.90	.023	7	1	.22	28	.01	4	.46	.01	.07	1	15
U 9305	1	8	7	36	.1	1	6	524	2.21	7	5	ND	1	66	1	2	2	10	2.55	.046	11	2	.55	44	.01	5	1.10	.01	.11	1	7
U 9306	1	12	4	32	.1	1	5	696	2.35	9	5	ND	1	152	1	3	2	13	6.59	.042	8	2	.59	58	.01	2	1.24	.02	.13	1	9
U 9307	1	9	8	33	.1	1	6	661	2.24	8	5	ND	1	125	1	2	2	17	5.59	.039	8	3	.56	35	.01	7	1.08	.02	.09	1	34
U 9308	1	14	5	30	.1	2	5	418	2.17	10	5	ND	1	41	1	3	2	15	1.99	.033	7	3	.53	30	.01	7	1.00	.02	.07	1	31
U 9309	8	14	22	40	.6	11	9	414	3.18	123	5	ND	1	45	1	2	2	18	2.39	.075	4	4	.42	27	.01	4	.81	.01	.09	1	805
U 9310	5	19	23	83	.4	7	13	751	4.65	38	5	ND	2	65	1	2	2	27	2.93	.164	8	3	1.05	77	.01	5	2.14	.03	.15	1	59
U 9311	1	47	9	69	.1	29	18	783	4.61	21	5	ND	1	142	1	2	2	76	6.20	.088	8	72	2.24	27	.09	2	2.81	.03	.11	1	42
U 9312	1	21	10	41	.1	41	14	934	2.47	5	5	ND	1	218	1	2	8	65	16.88	.062	7	81	1.63	19	.05	3	1.77	.01	.06	3	8
U 9313	1	70	8	61	.1	74	22	817	4.20	2	5	ND	1	86	1	2	2	91	4.81	.115	7	135	3.33	198	.09	5	4.05	.03	.05	1	1
U 9314	1	300	9	39	.2	81	20	736	3.55	2	5	ND	1	156	1	2	2	60	4.74	.080	11	183	3.66	44	.05	8	3.21	.02	.09	3	1
U 9315	1	11	6	15	.1	38	11	765	2.20	7	5	ND	1	395	1	2	2	26	9.34	.040	7	56	2.08	28	.01	2	1.66	.01	.08	2	5
U 9316	1	16	10	39	.1	76	21	594	3.23	5	5	ND	1	177	1	2	2	44	5.74	.072	10	167	2.93	236	.01	5	2.67	.02	.08	1	13
U 9317	1	52	6	49	.1	89	24	652	4.02	2	5	ND	1	118	1	2	2	70	3.86	.083	11	219	4.12	14	.01	2	3.56	.02	.07	3	3
U 9318	1	21	9	43	.1	82	21	599	3.72	4	5	ND	1	139	1	2	2	52	3.37	.078	10	193	3.63	31	.01	3	3.24	.01	.11	2	4
U 9319	1	23	7	38	.1	87	23	708	3.80	6	5	ND	1	86	1	3	2	93	3.38	.084	11	256	4.16	34	.08	4	3.35	.03	.05	3	1
U 9320	1	19	4	41	.1	78	20	758	3.55	8	5	ND	1	200	1	2	4	39	5.94	.075	10	167	3.53	40	.01	10	2.40	.01	.11	1	3
U 9321	1	23	8	36	.1	78	19	820	3.56	10	5	ND	1	217	1	2	2	38	6.95	.073	9	141	3.60	33	.01	7	2.12	.01	.09	1	6
U 9322	1	16	3	35	.1	81	17	852	3.34	5	5	ND	1	254	1	2	2	25	7.69	.070	10	102	3.32	55	.01	10	1.70	.01	.14	1	1
U 9323	1	17	5	36	.1	81	19	811	3.46	3	5	ND	1	219	1	2	2	29	6.83	.076	10	111	3.47	39	.01	8	2.08	.01	.12	1	1
U 9324	1	37	10	60	.1	79	20	661	3.61	4	5	ND	1	168	1	2	2	44	5.84	.075	9	164	3.58	36	.01	3	2.96	.01	.10	1	2
U 9325	1	36	8	43	.1	82	22	713	3.65	4	5	ND	1	181	1	2	5	36	5.50	.077	8	152	3.56	35	.01	7	2.61	.01	.12	3	2
U 9326	1	33	10	45	.1	78	21	727	3.61	5	5	ND	1	190	1	2	2	42	5.74	.076	9	163	3.48	38	.01	7	2.84	.01	.10	2	1
U 9327	1	58	14	55	.1	91	27	829	4.76	2	5	ND	1	347	1	2	3	88	7.45	.080	7	201	4.53	47	.01	6	4.36	.01	.08	1	5
U 9328	1	30	12	58	.1	140	27	814	4.54	3	5	ND	1	372	1	2	2	87	8.08	.104	12	269	4.58	78	.01	11	4.39	.01	.08	1	1
U 9329	1	31	12	60	.1	202	31	744	4.43	7	5	ND	1	293	1	3	2	89	7.75	.139	18	461	4.67	83	.01	8	4.33	.01	.09	2	3
STD C/AU-R	18	62	43	132	6.9	68	31	1026	4.01	39	20	7	38	48	18	16	20	61	.47	.088	40	55	.92	182	.07	39	2.04	.06	.13	13	480

WESTMIN RESOURCES LTD. PROJ. .08 FILE # 88-6271

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
D 9330	1	53	2	40	.1	67	20	726	3.23	14	5	ND	2	314	1	2	2	67	8.30	.096	12	117	2.67	133	.01	6	2.42	.02	.09	1	1
D 9331	1	26	3	55	.1	46	20	782	4.03	15	5	ND	3	270	1	3	2	86	6.84	.074	14	68	2.99	99	.01	5	2.95	.02	.11	1	2
D 9332	1	55	7	40	.1	63	20	820	3.08	11	5	ND	3	392	1	2	2	59	10.78	.140	17	110	2.28	84	.01	10	2.16	.02	.10	1	2
D 9333	1	55	8	48	.1	87	20	799	3.45	9	5	ND	3	379	1	2	4	63	9.36	.127	20	173	2.54	65	.01	10	2.46	.01	.08	1	1
D 9334	1	24	5	65	.1	38	16	714	4.54	8	5	ND	3	213	2	2	4	70	5.11	.077	14	69	2.45	68	.01	14	2.76	.03	.14	1	3
D 9335	1	43	6	69	.1	36	18	718	4.80	13	5	ND	2	219	2	2	2	74	4.70	.065	11	54	2.81	66	.01	6	2.87	.02	.09	1	1
D 9336	1	38	10	66	.2	62	22	783	4.60	30	5	ND	2	237	2	3	2	65	5.85	.092	12	82	3.01	73	.01	22	2.56	.03	.15	1	51
D 9337	1	58	5	52	.3	68	21	1042	3.90	46	5	ND	2	384	2	2	2	64	8.82	.100	13	82	2.62	83	.01	28	1.52	.03	.12	1	40
D 9338	2	15	2	51	.1	22	9	651	2.19	11	5	ND	1	218	1	2	2	23	5.13	.044	14	28	.88	81	.01	16	1.30	.05	.17	1	2
D 9339	1	12	2	37	.3	11	6	462	1.79	6	5	ND	2	152	1	2	2	10	3.26	.040	13	11	.59	63	.01	13	1.04	.05	.14	1	2
D 9340	1	80	4	54	.1	63	12	835	2.57	6	5	ND	2	229	1	2	3	44	6.69	.028	10	127	1.57	75	.01	13	1.72	.04	.12	1	1
D 9341	1	49	2	56	.1	65	18	821	3.45	6	5	ND	1	193	2	2	2	83	6.08	.029	7	123	2.28	208	.01	13	2.44	.03	.10	1	1
D 9342	1	67	5	42	.1	114	27	880	4.63	9	5	ND	1	181	2	2	2	153	7.66	.018	3	184	4.20	103	.01	12	4.02	.03	.04	1	1
D 9343	1	75	5	58	.1	71	24	984	4.30	8	5	ND	1	188	1	2	2	124	6.34	.024	5	145	3.04	226	.01	10	3.02	.03	.07	1	1
D 9344	1	82	11	46	.1	121	27	951	4.31	24	5	ND	1	194	2	2	2	148	8.48	.017	4	198	3.97	20	.01	4	3.21	.02	.01	1	1
D 9345	1	80	8	55	.1	150	33	906	5.29	27	5	ND	2	125	2	2	2	169	5.22	.021	3	224	4.75	30	.03	5	3.74	.03	.01	1	1
D 9346	1	51	8	49	.1	123	29	819	4.91	39	5	ND	1	144	2	2	2	164	5.62	.021	3	227	4.43	22	.01	4	4.07	.02	.03	1	1
D 9347	1	76	12	56	.1	79	24	647	4.67	83	5	ND	2	137	2	2	2	150	6.22	.026	5	130	3.77	31	.02	7	3.45	.02	.02	1	1
D 9348	1	45	7	39	.1	122	26	820	3.71	43	5	ND	1	198	2	2	4	126	9.63	.019	4	175	4.14	24	.06	2	3.22	.02	.02	2	1
D 9349	1	77	4	43	.1	209	36	755	4.13	37	5	ND	1	84	2	2	2	126	4.25	.015	2	321	5.51	13	.15	2	3.72	.04	.01	2	1
D 9350	1	86	7	61	.1	54	26	935	4.82	9	5	ND	1	104	2	2	2	123	4.04	.037	4	130	3.33	20	.19	2	3.11	.04	.02	1	1
D 9351	1	98	11	61	.1	47	27	933	5.06	3	5	ND	1	117	2	2	2	169	6.89	.030	4	207	3.66	17	.06	2	3.85	.02	.01	1	1
D 9352	1	71	10	53	.1	48	24	623	3.77	6	5	ND	1	126	2	2	2	111	4.68	.033	2	102	2.99	90	.17	5	2.96	.02	.02	1	3
D 9353	1	79	5	48	.1	56	24	776	3.06	6	5	ND	1	130	2	2	4	99	5.06	.023	2	149	3.27	52	.19	5	2.96	.01	.01	1	1
D 9354	1	115	6	57	.1	52	27	836	4.60	4	5	ND	1	106	2	2	2	140	6.09	.025	2	143	3.29	45	.10	2	3.54	.02	.03	1	1
D 9355	1	84	7	58	.1	32	22	846	4.44	8	5	ND	2	112	2	2	2	109	4.77	.049	3	68	2.49	30	.14	5	3.02	.03	.05	2	1
D 9356	1	776	15	58	.3	57	30	1139	6.20	3	5	ND	1	130	3	2	3	143	5.69	.030	4	153	3.78	34	.08	2	4.30	.02	.04	1	1
D 9357	1	60	8	53	.1	26	25	723	4.70	7	5	ND	2	85	2	2	2	93	3.61	.041	7	66	2.11	102	.02	3	2.58	.03	.08	2	1
D 9358	1	85	8	70	.1	46	33	1172	6.80	5	5	ND	2	107	3	2	2	160	4.36	.047	5	98	3.78	17	.03	2	4.45	.02	.04	1	3
D 9359	12	41	5	36	.3	22	20	551	3.84	25	5	ND	1	66	1	2	2	60	3.27	.017	10	30	1.52	60	.01	6	1.88	.03	.14	2	9
D 9360	1	149	10	39	.8	66	25	842	6.96	7	5	ND	2	116	3	2	4	109	7.34	.035	4	159	2.61	19	.09	2	2.65	.03	.04	2	53
STD C/AU-R	20	62	39	134	7.1	73	31	1120	4.13	43	21	7	40	54	17	17	23	63	.43	.083	42	58	.89	181	.08	35	1.83	.05	.15	11	490

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
U 3693	1	32	22	51	.1	29	13	909	2.93	7	5	ND	1	171	2	2	2	58	13.61	.063	7	45	2.49	13	.01	2	2.29	.01	.05	1	1
U 3694	1	33	12	49	.1	73	15	683	3.54	7	5	ND	1	141	3	2	2	60	10.50	.102	12	119	2.91	35	.03	5	3.01	.01	.15	1	2
U 3695	1	74	10	47	.1	122	21	673	3.66	7	5	ND	1	105	4	2	2	49	11.75	.153	15	172	2.54	43	.01	6	2.90	.01	.21	1	1
U 3696	1	24	19	76	.1	13	16	468	4.11	11	5	ND	2	119	2	2	2	52	4.78	.257	19	4	1.50	210	.03	18	2.75	.01	.65	2	2
U 3697	1	20	18	53	.2	12	4	268	2.28	9	5	ND	1	93	1	2	2	12	3.68	.116	4	7	.75	33	.01	5	.93	.01	.05	1	3
U 3698	2	27	5	45	.1	19	7	346	2.51	20	5	ND	1	122	1	2	3	35	4.63	.382	8	11	1.07	92	.01	6	1.23	.01	.13	1	6
U 3699	1	61	10	63	.1	24	17	638	3.67	27	5	ND	1	209	4	2	2	54	9.13	.209	19	45	2.18	142	.02	11	2.78	.01	.26	2	3
U 3700	1	63	19	48	.1	44	18	656	3.26	19	5	ND	1	213	4	2	2	51	10.42	.154	20	145	3.02	83	.01	13	2.92	.01	.17	3	2
U 3701	1	63	10	48	.1	59	19	662	3.44	22	5	ND	1	201	4	2	2	57	7.82	.148	17	188	3.69	83	.01	10	3.32	.01	.17	3	1
U 3702	2	59	12	81	.2	95	22	435	3.31	11	5	ND	1	35	1	2	2	49	4.32	.021	5	114	2.21	31	.01	5	1.76	.01	.01	2	29
U 3703	1	59	27	77	.6	154	17	445	4.47	70	5	ND	1	115	2	2	4	57	5.18	.030	4	194	2.27	9	.02	7	2.00	.01	.01	1	26
U 3704	1	56	17	63	.6	24	6	236	4.51	45	5	ND	1	73	2	2	3	53	2.52	.016	5	27	1.02	4	.01	4	1.32	.01	.01	1	210
U 3705	7	138	157	483	1.5	30	7	333	5.32	187	5	ND	1	109	9	2	3	61	4.58	.030	4	23	1.09	8	.01	6	1.37	.01	.01	1	55
U 3706	2	150	202	862	1.4	37	10	252	7.12	284	5	ND	1	60	4	2	2	76	2.20	.062	3	30	1.14	10	.01	8	1.91	.01	.01	1	23
U 3707	1	86	70	189	.5	22	7	265	6.40	327	5	ND	1	39	3	2	2	64	2.20	.063	4	24	.78	2	.01	8	1.44	.01	.01	1	20
U 3708	2	62	19	80	.4	18	5	233	7.45	166	5	ND	1	30	2	2	2	69	1.83	.053	5	32	.73	3	.01	10	1.64	.01	.01	1	30
U 3709	1	50	21	75	.5	26	10	285	5.47	35	5	ND	1	51	3	2	2	61	2.76	.079	6	30	.91	31	.01	3	1.89	.01	.04	1	66
U 3710	1	30	8	65	.1	69	17	704	3.62	22	5	ND	1	150	3	2	2	45	11.30	.077	4	65	1.77	51	.01	8	2.09	.02	.13	6	7
U 3711	1	4	7	32	.1	4	5	464	2.03	6	5	ND	1	69	1	2	2	13	2.55	.049	11	4	.53	90	.01	7	.95	.03	.20	1	9
STD C/AU-R	19	60	42	135	7.3	69	31	1023	4.05	42	21	8	38	49	20	18	22	61	.49	.098	40	56	.92	176	.06	35	1.78	.06	.14	12	520

DU-170-88

DU163-88

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)25. 16

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: APR 5 1989 DATE REPORT MAILED: April 7/89 SIGNED BY. C. Leong ..D.TOYE, C.LEONG, J.WANG: CERTIFIED B.C. ASSAYERS

DU165-88

WESTMIN RESOURCES LTD. PROJECT 6209 File # 89-0731 Page 1 underground

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
U 3551	1	49	2	68	.2	15	16	559	4.36	18	5	ND	1	70	2	2	2	52	5.12	.097	7	10	1.41	193	.05	14	2.89	.02	.33	1	4
U 3552	3	45	36	94	.6	27	13	627	4.41	61	5	ND	1	73	2	2	2	36	5.46	.078	10	8	.65	165	.01	8	1.77	.01	.25	1	2
U 3553	5	12	2	75	.1	2	6	352	3.05	12	5	ND	1	51	2	2	2	15	3.72	.056	17	1	.55	252	.03	14	1.87	.01	.36	1	3
U 3554	2	67	16	112	.4	22	11	395	6.50	42	5	ND	1	45	3	2	2	92	3.52	.073	5	22	.77	70	.01	3	2.16	.01	.08	1	14
U 3555	2	64	16	60	.5	20	10	238	3.94	27	5	ND	1	40	2	2	3	85	3.11	.130	7	25	.47	17	.01	2	1.23	.01	.02	1	6
U 3556	1	59	19	53	.5	13	7	314	3.32	26	5	ND	1	43	2	2	2	66	3.73	.033	6	25	.46	57	.01	3	1.04	.01	.04	1	5
U 3557	1	34	13	51	.3	11	8	362	2.69	17	5	ND	1	58	1	2	2	24	4.65	.098	12	5	.58	370	.01	15	1.91	.01	.42	1	5
U 3558	1	39	5	84	.1	12	11	409	2.63	22	5	ND	1	59	1	2	2	26	4.39	.069	14	10	.71	331	.01	15	1.75	.01	.34	1	4
U 3559	1	41	2	61	.2	15	12	453	3.49	16	5	ND	1	56	2	2	2	36	4.34	.072	9	13	1.04	219	.02	14	2.33	.01	.35	1	3
U 3560	1	32	4	64	.3	13	9	417	2.66	16	5	ND	1	67	1	2	2	31	5.48	.063	3	13	.72	289	.02	12	1.77	.01	.32	2	18
U 3561	1	39	7	80	.2	22	15	512	4.33	20	5	ND	1	65	3	2	2	44	5.59	.072	9	11	1.21	322	.04	14	2.97	.02	.31	1	5
U 3562	1	51	6	64	.3	10	11	792	4.15	15	5	ND	1	141	3	2	2	49	9.46	.035	8	11	1.05	106	.01	7	1.89	.01	.12	1	11
U 3563	1	68	9	64	.2	18	16	715	4.67	16	5	ND	2	65	4	2	2	74	4.81	.088	9	20	1.59	239	.18	4	2.90	.04	.25	1	2
U 3564	1	61	2	67	.2	12	18	782	4.95	21	5	ND	2	52	3	2	2	79	3.29	.086	11	14	1.73	167	.17	11	2.88	.06	.18	1	4
U 3565	1	37	10	63	.2	9	11	646	3.90	20	5	ND	2	68	3	2	2	62	2.51	.072	12	8	1.30	205	.15	7	2.24	.06	.22	1	4
U 3566	1	14	2	50	.2	8	9	599	3.19	3	5	ND	1	56	2	2	2	36	2.95	.061	14	6	1.01	119	.09	3	1.69	.07	.13	2	1
U 3567	1	37	5	64	.2	12	15	747	4.54	18	5	ND	1	47	3	2	2	89	2.43	.065	11	16	1.55	58	.13	2	2.29	.08	.04	1	3
U 3568	1	67	2	64	.3	20	18	814	4.87	21	5	ND	1	59	3	2	2	108	3.02	.070	9	36	2.15	69	.16	7	2.92	.07	.07	2	1
U 3569	1	50	10	66	.2	16	16	834	4.90	13	5	ND	2	48	2	2	2	93	2.79	.062	9	15	2.00	78	.22	2	2.90	.08	.09	1	1
U 3570	1	28	2	67	.3	14	12	656	4.48	32	5	ND	1	63	3	2	2	63	2.38	.090	11	12	1.34	101	.15	3	2.26	.10	.13	4	2
U 3571	1	42	2	85	.2	10	16	662	4.78	34	5	ND	1	45	3	2	2	68	2.55	.099	9	5	1.18	179	.07	12	2.50	.06	.28	1	8
U 3572	3	42	9	26	.1	15	10	521	1.84	40	5	ND	2	76	1	2	2	16	7.06	.070	13	4	.34	114	.01	11	.77	.01	.20	1	3
U 3573	2	37	5	64	.1	13	14	581	3.82	60	5	ND	2	54	2	2	2	42	3.30	.089	11	7	.99	232	.04	12	2.11	.04	.32	1	8
U 3574	1	8	5	64	.2	6	5	599	2.39	14	5	ND	1	54	1	3	2	12	2.47	.047	13	2	.73	209	.01	12	1.33	.04	.26	1	4
U 3575	1	6	6	47	.2	11	7	630	2.51	24	5	ND	1	112	1	3	2	12	4.56	.038	10	4	1.23	70	.01	8	.59	.02	.13	1	17
U 3576	1	11	2	57	.1	4	9	700	3.09	14	5	ND	1	48	1	2	2	32	2.61	.047	12	5	.93	85	.01	9	1.56	.07	.16	1	6
U 3577	1	10	7	49	.1	6	7	559	2.36	10	5	ND	2	39	2	2	2	21	2.46	.059	13	5	.72	122	.01	6	1.24	.05	.18	1	5
U 3578	1	24	7	51	.1	8	8	639	3.02	19	5	ND	1	45	2	3	2	29	3.05	.043	9	9	.86	86	.01	2	1.42	.05	.15	1	5
U 3579	1	29	11	75	.2	16	10	775	4.00	22	5	ND	1	39	2	2	2	55	2.36	.076	10	14	1.09	93	.02	2	1.94	.07	.14	1	2
U 3580_1	2	33	13	89	.4	10	12	777	4.51	33	5	ND	1	36	2	2	2	62	2.02	.142	10	6	1.30	104	.02	5	2.12	.07	.16	1	14
U 3581	281	38	36	70	2.2	24	6	219	3.41	65	5	ND	1	18	1	5	2	22	1.08	.026	3	9	.26	31	.03	2	.37	.01	.05	1	325
U 3582	52	17	16	56	.8	8	10	618	3.49	24	5	ND	1	36	2	5	2	39	1.70	.056	10	5	.90	132	.01	3	1.41	.06	.14	1	51
U 3583	1	26	7	74	.5	10	13	823	4.39	24	5	ND	1	50	1	3	2	60	3.07	.112	6	10	1.29	184	.01	3	2.03	.05	.17	1	22
U 3584	1	16	5	80	.2	3	10	651	3.79	22	5	ND	1	41	1	4	2	32	2.18	.114	7	6	1.13	72	.01	4	1.24	.04	.14	1	10
U 3585	1	14	2	33	.2	9	6	567	2.59	18	5	ND	2	106	1	4	3	10	4.34	.076	8	2	1.19	62	.01	11	.29	.02	.17	1	9
U 3586	1	14	2	35	.2	5	6	520	2.54	12	5	ND	2	67	1	6	2	6	3.14	.035	8	2	.87	65	.01	7	.22	.02	.14	1	6
STD C/AU-R	19	64	41	129	7.1	72	30	1081	3.93	45	19	7	38	49	15	18	20	60	.50	.091	39	55	.89	171	.06	34	1.75	.06	.14	11	540

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
U 3587	4	30	8	47	.6	15	10	519	3.04	55	5	ND	1	78	2	2	2	14	4.08	.073	4	3	.89	64	.01	6	.26	.01	.16	2	38
U 3588	3	25	7	43	.6	28	12	533	3.34	40	5	ND	1	106	2	2	2	17	5.26	.235	6	13	1.34	85	.01	11	.38	.02	.21	3	30
U 3589	1	5	1	43	.1	8	4	567	2.35	7	5	ND	1	72	1	2	2	5	4.09	.047	10	2	.75	93	.01	8	.33	.02	.20	1	7
U 3590	1	10	3	50	.1	2	6	624	2.48	9	5	ND	1	59	1	2	3	9	4.01	.041	11	12	.67	91	.01	9	.78	.03	.18	1	6
U 3591	1	9	4	67	.1	6	5	535	2.41	3	5	ND	1	47	1	2	2	11	2.80	.050	14	2	.68	99	.01	7	1.04	.03	.21	2	3
U 3592	1	9	3	51	.1	16	7	584	2.79	19	5	ND	1	55	1	2	2	17	2.21	.055	7	9	.81	141	.01	9	1.68	.04	.29	1	9
U 3593	1	18	2	10	.3	9	3	582	.86	15	5	ND	1	103	1	2	2	10	8.63	.052	9	2	.21	91	.01	7	.54	.01	.20	1	12
U 3594	1	22	12	65	.3	6	12	585	3.69	33	5	ND	1	69	2	2	2	43	2.95	.094	5	11	1.03	117	.01	6	1.98	.05	.21	2	18
U 3595	9	56	59	93	3.7	26	11	388	5.40	113	5	ND	1	58	4	7	2	29	3.23	.086	7	6	.56	74	.01	7	.93	.02	.15	3	186
U 3596	1	15	9	82	.5	7	12	813	5.53	27	5	ND	1	34	3	2	2	48	2.46	.074	8	5	1.58	172	.02	15	3.19	.04	.35	1	26
U 3597	1	26	4	64	.4	12	8	637	3.12	33	5	ND	1	80	2	2	2	35	5.19	.095	9	8	.86	121	.01	11	1.60	.02	.22	1	19
U 3598	2	28	15	77	.3	9	9	704	3.26	53	5	ND	1	107	3	2	2	27	6.87	.074	7	9	.58	142	.01	12	1.61	.02	.32	1	24
U 3599	1	22	7	72	.1	6	10	773	3.96	22	5	ND	2	55	2	2	2	47	4.82	.080	9	3	1.04	94	.02	6	2.16	.05	.19	2	7
U 3600	1	9	3	32	.1	4	3	629	2.06	12	5	ND	1	121	1	2	2	22	9.92	.038	6	13	.70	64	.01	6	.76	.02	.11	2	19
U 3601	1	69	2	88	.1	8	17	684	6.48	14	5	ND	1	100	3	2	2	115	2.46	.056	9	6	2.04	304	.06	18	3.50	.06	.15	1	2
U 3602	1	48	10	63	.3	6	11	713	4.95	21	5	ND	2	117	3	2	2	78	4.86	.055	5	4	1.30	95	.01	26	1.28	.04	.16	1	7
U 3603	1	46	8	75	.2	6	16	618	5.10	17	5	ND	1	87	4	2	2	94	6.06	.072	7	5	1.67	99	.14	10	2.78	.06	.17	1	7
U 3604	1	42	3	80	.1	11	15	611	4.87	13	5	ND	2	65	4	2	2	87	3.65	.070	7	7	1.72	75	.21	7	2.79	.06	.17	1	3
U 3605	1	16	2	93	.1	6	18	606	5.46	14	5	ND	1	68	3	2	2	53	2.63	.083	12	5	1.82	69	.06	5	2.96	.08	.11	1	7
U 3606	1	13	7	87	.2	7	10	625	5.22	23	5	ND	1	74	2	2	2	40	3.61	.076	8	5	1.80	67	.01	7	2.66	.06	.15	3	14
U 3607	1	16	2	49	.3	5	8	718	3.35	21	5	ND	1	99	1	2	2	20	7.41	.070	5	2	1.14	58	.01	19	.75	.04	.16	3	34
U 3608	1	14	3	79	.1	8	10	551	4.34	13	5	ND	1	107	3	2	2	38	3.86	.071	9	6	1.43	135	.04	9	2.28	.05	.17	2	9
U 3609	4	108	4	57	.3	105	24	566	3.42	12	5	ND	1	105	3	2	2	76	9.05	.124	11	105	2.29	131	.04	11	2.38	.03	.15	1	12
U 3610	1	66	5	38	.3	51	15	732	2.55	13	5	ND	1	177	3	2	2	47	17.31	.096	11	52	1.76	119	.06	13	1.80	.02	.19	2	5
U 3611	1	70	4	43	.1	125	23	714	3.41	13	5	ND	2	129	4	2	2	70	12.27	.160	21	245	2.99	52	.03	7	2.86	.03	.12	1	3
U 3612	1	74	2	51	.2	69	19	654	3.40	15	5	ND	2	137	4	2	2	69	11.71	.168	14	178	2.78	79	.01	9	2.58	.03	.12	1	5
U 3613	1	76	5	62	.1	93	23	629	3.94	18	5	ND	2	138	4	2	2	75	8.75	.197	12	123	2.70	62	.01	9	2.87	.04	.16	1	5
U 3614	2	60	24	34	.4	56	20	524	3.53	16	5	ND	1	144	4	2	2	36	11.35	.088	6	59	1.34	49	.01	2	1.22	.02	.12	4	15
U 3616	1	67	9	50	.2	95	22	592	3.56	17	5	ND	1	176	3	2	2	55	9.22	.157	10	78	2.25	85	.01	9	2.29	.02	.19	1	12
U 3617	1	43	10	48	.1	55	17	415	3.55	9	5	ND	2	83	2	2	2	41	3.52	.048	5	110	2.07	59	.01	9	1.88	.02	.13	1	9
U 3618	1	52	9	31	.2	131	26	704	2.54	20	5	ND	1	147	4	2	2	80	17.81	.148	17	244	2.25	44	.02	10	2.41	.02	.12	1	4
U 3619	1	57	2	44	.1	148	26	876	3.20	23	5	ND	1	186	3	2	2	74	14.93	.150	19	294	3.01	37	.01	8	2.94	.02	.11	1	2
U 3620	1	27	2	28	.3	55	20	666	1.61	17	5	ND	1	225	2	2	2	33	18.90	.113	16	127	1.29	68	.01	12	1.26	.01	.18	3	10
U 3621	1	61	10	57	.1	155	29	751	4.25	15	5	ND	2	174	5	2	2	65	8.91	.169	19	238	3.69	55	.01	11	3.01	.01	.17	1	5
U 3622	1	67	2	53	.1	123	24	653	4.00	12	5	ND	3	218	4	2	2	98	8.12	.193	27	268	4.09	55	.01	9	4.07	.03	.13	1	3
U 3623	1	33	10	52	.4	107	22	709	3.79	69	5	ND	1	337	3	2	2	38	8.57	.170	11	81	3.26	93	.01	21	2.29	.02	.22	1	232
STD C/AU-R	19	62	43	132	7.5	69	31	1029	4.00	42	20	8	38	49	20	18	22	61	.49	.094	40	55	.92	174	.07	33	1.86	.06	.13	13	490

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
U 3624	2	5	2	57	.1	104	17	725	3.54	21	5	ND	1	295	3	2	3	67	8.66	.135	10	140	3.08	99	.01	9	2.17	.03	.26	1	5
U 3625	1	13	5	46	.1	68	14	660	3.28	19	5	ND	1	188	2	2	2	28	6.85	.101	9	88	2.95	92	.01	10	1.24	.03	.20	1	12
U 3626	1	40	10	41	.1	66	15	699	2.92	12	5	ND	1	198	3	2	2	25	8.00	.098	7	79	2.54	73	.01	5	.96	.03	.15	1	2
U 3627	1	32	5	47	.2	64	16	728	3.44	10	5	ND	1	218	3	2	3	31	7.49	.099	7	87	2.84	93	.01	7	1.30	.04	.19	1	8
U 3628	1	5	10	49	.1	69	15	706	3.27	15	5	ND	1	193	3	2	2	30	6.95	.097	8	86	2.89	85	.01	8	1.22	.04	.16	2	28
U 3629	1	8	11	45	.2	64	15	645	3.24	23	5	ND	1	175	3	2	4	30	6.41	.093	6	72	2.88	60	.01	7	1.11	.03	.13	1	36
U 3630	1	7	8	59	.2	71	17	668	3.79	17	5	ND	1	183	2	2	2	48	5.87	.084	6	88	3.56	102	.01	9	2.14	.03	.22	1	13
U 3631	1	27	21	61	.2	92	16	674	3.89	48	5	ND	1	205	4	2	2	37	6.51	.073	4	99	3.05	92	.01	12	1.87	.03	.24	1	112
U 3632	1	34	14	62	.3	101	20	638	4.06	31	5	ND	1	202	3	2	2	44	7.99	.074	6	128	2.94	57	.01	8	2.36	.03	.15	1	70
U 3633	1	36	10	56	.2	83	17	562	4.25	21	5	ND	1	175	3	2	3	47	7.75	.056	6	108	2.25	42	.02	9	2.67	.04	.15	1	33
U 3634	1	56	9	58	.3	52	15	772	3.56	26	5	ND	1	171	3	2	2	50	11.85	.068	5	51	1.61	37	.03	7	2.11	.65	.15	1	31
U 3635	2	22	9	40	.3	41	11	647	2.63	21	5	ND	1	154	2	3	2	38	16.10	.075	5	48	1.27	16	.03	3	1.43	.04	.07	3	23
U 3636	2	46	2	67	.3	75	19	635	4.07	14	5	ND	1	168	3	2	2	66	9.71	.154	6	86	2.07	24	.04	3	2.49	.06	.10	1	23
U 3637	1	29	6	39	.1	34	17	653	3.35	7	5	ND	1	66	3	2	2	77	6.14	.043	2	35	2.19	13	.10	3	2.20	.02	.07	1	18
U 3638	1	40	12	79	.2	112	23	947	4.86	5	5	ND	1	42	4	2	2	123	3.77	.030	2	203	4.35	1	.10	4	3.95	.03	.01	1	4
U 3639	1	79	18	83	.3	101	24	917	4.84	3	5	ND	1	47	4	2	2	99	3.50	.028	2	164	4.21	4	.12	6	3.50	.01	.01	1	1
U 3640	2	38	14	35	.2	32	15	639	2.32	9	5	ND	1	65	2	2	2	59	5.53	.021	2	50	2.08	11	.09	2	1.73	.01	.04	1	4
U 3641	2	28	2	62	.2	64	20	862	3.57	9	5	ND	1	65	4	2	2	81	5.24	.030	2	90	2.77	10	.10	6	2.73	.01	.06	1	1
U 3642	1	79	19	85	.2	12	29	932	5.50	14	5	ND	1	49	5	2	2	119	3.70	.073	3	11	2.54	14	.11	3	3.13	.07	.04	1	4
U 3643	1	41	12	82	.3	5	18	1007	5.93	8	5	ND	1	53	3	2	2	98	4.51	.080	3	2	2.29	17	.07	2	3.17	.04	.08	1	2
U 3644	1	55	8	72	.9	42	16	847	4.00	71	5	ND	1	73	4	2	2	63	7.69	.037	2	122	2.39	30	.07	8	2.55	.01	.15	1	12
U 3645	1	104	7	93	.2	36	18	815	4.08	8	5	ND	1	68	4	2	2	85	6.53	.045	2	74	2.85	14	.08	5	3.11	.01	.09	1	2
U 3646	1	310	10	90	.3	40	21	734	3.78	14	5	ND	1	50	3	2	4	80	3.71	.036	2	46	2.86	6	.09	3	2.83	.01	.05	2	2
U 3647	1	64	14	93	.2	36	19	772	3.88	24	5	ND	1	60	3	2	3	81	4.87	.035	2	39	2.81	8	.09	2	2.79	.01	.07	1	9
U 3648	1	125	14	78	.5	40	21	834	4.55	130	5	ND	1	87	4	2	2	82	7.38	.035	2	39	2.78	12	.09	4	2.84	.01	.13	1	3
U 3649	1	621	9	81	1.1	34	21	735	6.89	168	5	ND	1	74	4	2	4	74	6.19	.036	2	31	2.58	20	.08	9	2.80	.01	.18	3	38
U 3650	1	151	2	89	.4	37	20	757	4.22	41	5	ND	1	70	5	2	4	82	5.97	.035	2	37	2.70	10	.08	4	2.88	.02	.11	1	12
U 3651	1	499	12	301	.7	35	18	685	3.97	22	5	ND	1	62	5	3	2	72	4.64	.031	2	33	2.28	6	.08	4	2.45	.01	.12	2	7
U 3652	1	146	2	81	.7	43	22	846	5.16	154	5	ND	1	83	5	2	3	100	5.81	.037	2	43	2.87	17	.08	6	3.04	.02	.17	1	28
U 3653	1	26	12	33	1.7	18	13	612	2.61	213	5	ND	1	132	3	2	2	36	11.39	.024	2	25	1.21	22	.06	8	.59	.01	.14	5	80
U 3654	1	69	11	59	.4	41	22	713	4.56	49	5	ND	1	46	4	2	2	96	3.68	.044	2	90	2.94	12	.13	8	2.97	.05	.08	1	8
U 3655	1	69	7	44	.2	114	24	616	3.61	5	5	ND	3	110	3	2	2	68	9.16	.177	23	220	3.23	108	.04	5	2.86	.02	.13	1	1
U 3656	1	61	2	39	.3	102	17	646	3.15	9	5	ND	3	139	4	2	2	57	10.97	.175	18	186	2.81	79	.02	5	2.46	.02	.11	1	1
STD C/AU-R	20	63	42	134	7.3	69	31	1048	4.16	62	21	7	39	50	20	18	22	61	.50	.095	41	56	.94	178	.07	40	1.78	.06	.13	12	530

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)25[illegible]16

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AD DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: APR 5 1989 DATE REPORT MAILED: April 6/89 SIGNED BY. C. Leong ..D.TOYE, C.LEONG, J.WANG: CERTIFIED B.C. ASSAYERS

WESTMIN RESOURCES LTD. PROJECT 6209 File # 89-0727 Page 1 Du 170

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
U 3657	1	88	14	109	2.5	23	18	724	4.90	8	5	ND	1	59	4	2	2	58	3.65	.127	8	46	2.33	81	.01	7	3.06	.02	.16	1	3
U 3658	1	52	25	73	.2	6	12	326	3.51	16	5	ND	1	199	2	2	2	25	9.88	.363	7	3	1.15	35	.01	6	.95	.01	.14	2	3
U 3659	1	69	12	78	.3	16	20	599	4.75	18	5	ND	2	86	4	2	2	46	5.86	.099	9	6	1.12	120	.01	11	2.43	.01	.22	2	3
U 3660	1	38	31	74	.1	7	13	453	4.57	11	5	ND	1	63	3	2	4	30	3.73	.217	11	4	1.64	125	.01	9	2.37	.01	.22	3	1
U 3661	1	87	8	77	.2	11	16	596	5.07	19	5	ND	1	82	3	2	2	45	6.13	.105	10	6	1.33	89	.01	6	2.71	.01	.15	1	1
U 3662	13	70	58	139	.4	37	13	433	4.74	71	5	ND	1	75	4	2	2	66	5.29	.106	6	15	.64	57	.01	4	1.59	.01	.10	2	13
U 3663	2	56	15	61	.2	17	7	317	3.35	15	5	ND	1	104	2	2	2	63	6.09	.227	8	21	.49	7	.01	2	1.14	.01	.01	1	15
U 3664	2	71	23	89	.4	18	12	695	4.19	42	5	ND	1	221	5	2	2	65	12.54	.042	5	15	.94	33	.01	2	1.68	.01	.03	1	7
U 3665	1	36	14	61	.1	10	11	528	3.64	24	5	ND	1	90	2	2	2	35	6.29	.095	8	8	.95	163	.01	8	2.04	.01	.20	1	3
U 3666	1	43	13	60	.3	12	16	587	4.14	17	5	ND	1	72	3	3	2	36	5.92	.079	9	14	1.27	127	.01	11	2.32	.01	.16	1	1
U 3667	1	53	16	73	.3	15	11	526	3.45	22	5	ND	1	76	2	2	2	25	5.64	.079	10	8	.52	90	.01	6	1.64	.01	.11	1	2
U 3668	1	70	20	77	.3	11	12	589	4.88	16	5	ND	1	70	2	2	2	56	4.63	.057	10	16	1.48	111	.02	4	2.61	.01	.13	1	2
U 3669	1	59	17	77	.2	15	8	522	4.72	36	5	ND	1	42	2	2	2	50	2.97	.042	8	14	1.19	71	.05	3	2.02	.01	.07	1	6
U 3670	1	61	14	76	.1	15	17	795	5.29	27	5	ND	2	57	2	2	2	89	3.48	.092	12	23	1.62	65	.11	3	2.87	.02	.07	1	1
U 3671	1	14	16	53	.1	6	8	614	2.93	11	5	ND	1	32	3	2	2	21	2.20	.055	14	4	.97	62	.01	2	1.40	.02	.11	1	2
U 3672	1	40	14	83	.3	15	12	707	4.33	29	5	ND	1	36	3	4	2	71	2.20	.108	7	15	1.15	49	.01	4	1.90	.05	.07	1	19
U 3673	3	26	17	74	.5	8	13	865	4.66	30	5	ND	1	84	3	4	2	68	3.76	.081	5	10	1.21	79	.01	8	1.96	.05	.11	2	36
U 3674	4	67	16	108	.5	30	8	415	3.32	49	5	ND	1	42	2	2	2	42	2.78	.336	6	15	.63	43	.01	2	.30	.02	.06	1	32
U 3675	1	26	7	64	.3	10	8	677	3.53	19	5	ND	1	55	2	2	2	35	3.30	.089	8	5	1.13	45	.01	5	1.46	.03	.08	1	17
U 3676	1	29	6	79	.1	6	13	810	4.80	8	5	ND	1	33	1	1	2	85	2.79	.082	8	6	1.35	21	.06	4	2.16	.05	.05	1	3
U 3677	1	14	8	75	.1	3	6	620	3.34	9	5	ND	2	44	1	2	2	19	2.37	.059	16	1	1.02	63	.03	5	1.22	.03	.13	1	1
U 3678	1	14	4	50	.1	2	7	709	3.21	14	5	ND	1	171	2	2	2	13	8.61	.053	8	1	1.24	64	.01	10	.25	.02	.14	1	1
U 3679	1	21	5	93	.1	9	11	830	5.05	16	5	ND	2	42	3	2	2	79	3.00	.081	9	4	1.38	62	.10	7	2.27	.05	.06	1	1
U 3680	1	22	7	68	.1	7	10	966	3.86	16	5	ND	2	78	3	2	2	45	6.90	.089	7	8	1.56	35	.11	6	2.24	.03	.12	2	4
U 3681	1	8	13	46	.1	5	8	1121	2.37	13	5	ND	1	221	1	2	2	26	14.50	.056	12	4	.48	28	.01	7	.53	.02	.09	1	12
U 3682	1	48	9	135	.2	14	15	1061	6.59	12	5	ND	2	52	5	2	2	73	2.34	.079	11	3	3.13	33	.20	3	4.02	.04	.08	1	2
U 3683	1	39	2	48	.1	68	16	561	3.28	6	5	ND	1	86	3	2	2	40	6.15	.110	13	144	3.33	201	.03	4	2.99	.01	.12	3	1
U 3684	10	74	20	65	.1	31	10	334	2.62	11	5	ND	1	52	1	2	2	40	3.64	.054	4	45	1.87	35	.01	3	1.58	.01	.08	1	8
U 3685	1	90	28	65	.2	76	18	566	3.46	8	5	ND	1	87	3	2	2	44	6.72	.100	11	105	2.32	68	.02	12	3.22	.01	.21	2	3
U 3686	1	77	10	49	.1	79	20	593	3.97	8	5	ND	2	77	3	2	3	52	6.14	.098	12	111	3.68	63	.01	11	3.83	.01	.25	1	1
U 3687	1	43	20	56	.1	35	21	572	3.87	12	5	ND	2	75	4	2	2	49	6.64	.095	10	99	3.37	53	.03	8	3.55	.01	.21	3	1
U 3688	1	24	3	50	.1	76	19	585	4.20	9	5	ND	1	74	3	3	2	56	6.02	.109	14	96	3.36	55	.01	8	3.86	.01	.26	1	1
U 3689	1	57	14	59	.1	85	10	624	4.27	13	5	ND	1	83	5	2	2	53	7.07	.105	9	92	2.86	56	.01	8	3.67	.01	.27	2	1
U 3690	1	61	14	37	.1	52	12	622	2.40	2	5	ND	1	107	2	2	2	30	9.65	.062	5	62	1.62	78	.01	8	1.94	.01	.20	2	1
U 3691	1	16	17	53	.2	49	17	786	3.17	9	5	ND	1	133	2	2	2	53	11.43	.064	7	60	2.42	68	.01	6	2.79	.01	.16	1	1
U 3692	1	13	3	41	.1	27	12	621	3.83	10	5	ND	2	116	1	2	2	61	5.30	.242	21	17	2.51	50	.01	9	2.86	.01	.25	1	1
STD C/AU-S	19	62	42	131	7.1	72	31	1031	4.04	45	21	7	39	50	20	15	23	61	.49	.090	40	56	.91	178	.07	37	1.86	.06	.15	15	540

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
U 3693	1	32	22	51	.1	29	13	909	2.93	7	5	ND	1	171	2	2	2	58	13.61	.063	7	45	2.49	13	.01	2	2.29	.01	.05	1	1
U 3694	1	33	12	49	.1	79	15	683	3.56	7	5	ND	1	141	3	2	2	60	10.50	.142	12	119	2.91	35	.03	5	3.01	.01	.15	1	2
U 3695	1	76	10	47	.1	122	21	673	3.66	7	5	ND	1	106	4	2	2	49	11.75	.157	15	172	2.54	43	.01	6	2.90	.01	.21	1	1
U 3696	1	24	19	76	.1	13	16	468	4.11	11	5	ND	2	819	2	2	2	52	1.78	.257	19	4	1.50	210	.03	18	2.75	.01	.45	2	2
U 3697	1	20	18	53	.2	12	4	268	2.28	9	5	ND	1	93	1	2	2	32	3.68	.116	4	7	.75	33	.01	5	.93	.01	.05	1	3
U 3698	2	27	5	45	.1	19	7	346	2.51	20	5	ND	1	122	1	2	3	35	4.63	.382	8	11	1.07	92	.01	6	1.23	.01	.13	1	6
U 3699	1	61	10	62	.1	24	17	638	3.67	27	5	ND	1	209	4	2	2	54	9.13	.209	19	45	2.18	142	.02	11	2.78	.01	.26	2	3
U 3700	1	63	19	48	.1	44	18	656	3.26	19	5	ND	1	213	4	2	2	51	10.42	.154	20	165	3.02	83	.01	13	2.92	.01	.17	3	2
U 3701	1	63	10	44	.1	59	19	662	3.44	22	5	ND	1	201	4	2	2	57	7.82	.148	17	188	3.69	83	.01	10	3.32	.01	.17	3	1
U 3702	2	59	12	41	.2	95	22	435	1.31	11	5	ND	1	95	1	2	2	49	4.12	.021	5	114	2.21	31	.01	5	1.75	.01	.01	2	29
U 3703	1	59	27	77	.4	154	17	445	4.47	70	5	ND	1	116	2	2	4	67	5.18	.030	4	194	2.27	9	.02	7	2.00	.01	.01	1	26
U 3704	1	56	17	63	.6	24	6	236	4.51	45	5	ND	1	73	2	2	3	53	2.52	.016	5	27	1.02	4	.01	4	1.32	.01	.01	1	210
U 3705	7	138	157	483	1.5	30	7	333	5.32	187	5	ND	1	109	9	2	3	61	4.58	.030	4	23	1.09	8	.01	6	1.37	.01	.01	1	55
U 3706	2	150	202	162	1.4	37	10	252	7.12	284	5	ND	1	60	4	2	2	76	2.20	.052	3	30	1.14	10	.01	8	1.91	.01	.01	1	23
U 3707	1	86	70	189	.5	22	7	265	6.40	327	5	ND	1	39	3	2	2	64	2.20	.063	4	24	.78	2	.01	8	1.44	.01	.01	1	20
U 3708	2	62	19	80	.4	16	5	233	7.45	166	5	ND	1	30	2	2	2	69	1.83	.053	5	32	.73	3	.01	10	1.64	.01	.01	1	30
U 3709	1	50	21	75	.5	26	10	285	5.47	35	5	ND	1	51	3	2	2	61	2.76	.079	6	30	.91	31	.01	3	1.89	.01	.04	1	66
U 3710	1	30	8	65	.1	69	17	706	3.52	22	5	ND	1	150	3	2	2	45	11.30	.077	4	65	1.77	91	.01	8	2.09	.02	.13	1	7
U 3711	1	6	7	32	.1	4	5	464	2.03	6	5	ND	1	69	1	2	2	33	2.55	.049	11	4	.53	90	.01	7	.95	.03	.20	1	9
STD C/AU-R	19	60	42	135	7.3	69	31	1023	4.05	42	21	8	35	49	20	18	22	61	.49	.095	40	56	.92	176	.06	35	1.78	.06	.14	12	520