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DEPARTMENT OF INDIAN AND  
NORTHERN AFFAIRS  
JUN 9 5 2000  
MINING RECORDER  
YELLOWKNIFE, N.W.T.

**THE 1997 - 1999 EXPLORATION PROGRAM  
IN THE AKLAK PROJECT AREA  
Meliadine Mining Joint Venture Property  
Kivalliq Region, Nunavut**

THIS REPORT HAS BEEN EXAMINED AND  
APPROVED AS TO TECHNICAL WORTH UNDER  
SECTIONS 6 & 7 OF SCHEDULE II OF THE  
CANADA MINING REGULATIONS AND  
VALUED IN THE AMOUNT OF \$ ~~205,724.90~~  
201,336.16 (35)

DATE: JULY 25, 2000

*[Signature]*  
ENGINEER OF MINE'S FOR  
CHIEF, NORTH, NON-RENEW  
RESOURCES BRANCH

May 29, 2000

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## Table of Contents

1.0 Summary .....	1
2.0 Introduction .....	1
3.0 Location and Access.....	1
4.0 Claim Status .....	4
5.0 Geological Setting .....	4
6.0 Previous Work.....	6
7.0 Results .....	7
8.0 Conclusions .....	8
9.0 Recommendations .....	8
10.0 References .....	9

### **List of Figures**

Figure 1: Location map of the Meliadine Project Area.....	2
Figure 2: Location and Claim map, Meliadine Project Area.....	3
Figure 3: Regional geology of the Northeast Churchill Province .....	5

### **List of Tables**

Table 1: Claim status.....	4
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### **List of Appendices**

Appendix 1: Certificates of Qualification	
Appendix 2: Summary of Expenditures	
Appendix 3: Geochemical Analysis Certificates	
3a: Au in -63 µm fraction of till	
3b: Total Gold Grain Counts	
3c: Kimberlite Indicator Minerals in till	
3d: Au in HMC of till	
3e: Lithochemical Analyses of boulders and outcrops	

### **List of Maps in Pocket**

Map 1:	Geology Map
Map 2:	Lithochemical Map (Au in boulders and outcrops)
Map 3:	Till Sample Location Map
Map 4:	Till Geochemistry Map (Au in the -63 µm fraction)
Map 5:	Till Geochemistry Map (Total Gold Grain Counts)
Map 6:	Till Geochemistry Map (Au in HMC of till)
Map 7:	Till Geochemistry Map (Kimberlite Indicator Minerals in till)

## **1.0 Summary**

Detailed outcrop mapping and boulder prospecting was carried out on CWM claims 1 through 12 during the 1998 and 1999 field seasons. In addition, one-kilometre-spaced till sampling was conducted over the entire Aklak claim block (claims CWM 1 through CWM 52). The work was undertaken to prospect a linear magnetic anomaly previously defined by a government geophysical survey. The magnetic anomaly reflects iron formation in proximity to the Meliadine gold trend. As part of a larger survey, a more detailed airborne magnetic survey (Marvin *et al.*, 1999) was flown over the western portion of the CWM claims in July and August 1998. Ninety-eight rockchip samples were taken in the Aklak project area during 1999, and 50 were taken during 1998. In addition, 202 -63 $\mu$ m till samples and 84 10-kilogram samples were taken during 1997-1999.

Although low-grade Au mineralization is evident in outcrops up-ice from mineralized boulders, the results of the till survey preclude the existence of extensive subcropping Au mineralization over the Aklak Claims. However, there are two kimberlite indicator mineral dispersion trains. These require follow-up with more detailed magnetics and till sampling to better locate the up-ice source of these trains.

## **2.0 Introduction**

This report summarizes the results and costs associated with geological mapping, prospecting, till sampling, and assays completed during the 1997, 1998 and 1999 summer field seasons on CWM claims 1-12 and 15-26.

## **3.0 Location and Access**

The Meliadine property is located in the Nunavut Territory of Canada near the shore of Hudson Bay (Figure 1). The Aklak Project area is centered approximately 30 km northeast of Rankin Inlet. The CWM claims are located on NTS map sheets 55O/3, 55O/4, 55J/13 and 55J/14 and centered around 63° 07' 30'' N and 91° 45' W (Figure 2).

Rankin Inlet is a full-service community with a population of 2500, and it can be accessed by air or ocean-going barge. An all-weather road from Rankin Inlet ends south of the Meliadine River within 15 kilometres of WMC's Wesmeg Camp. There is helicopter access from Rankin Inlet all year, and the camp is also supplied in the winter by overland hauling vehicles.

The terrain in the area is very low relief tundra with permafrost conditions. The area is typified by abundant lakes, variable overburden thickness with numerous frost boils, and sparse outcrop.

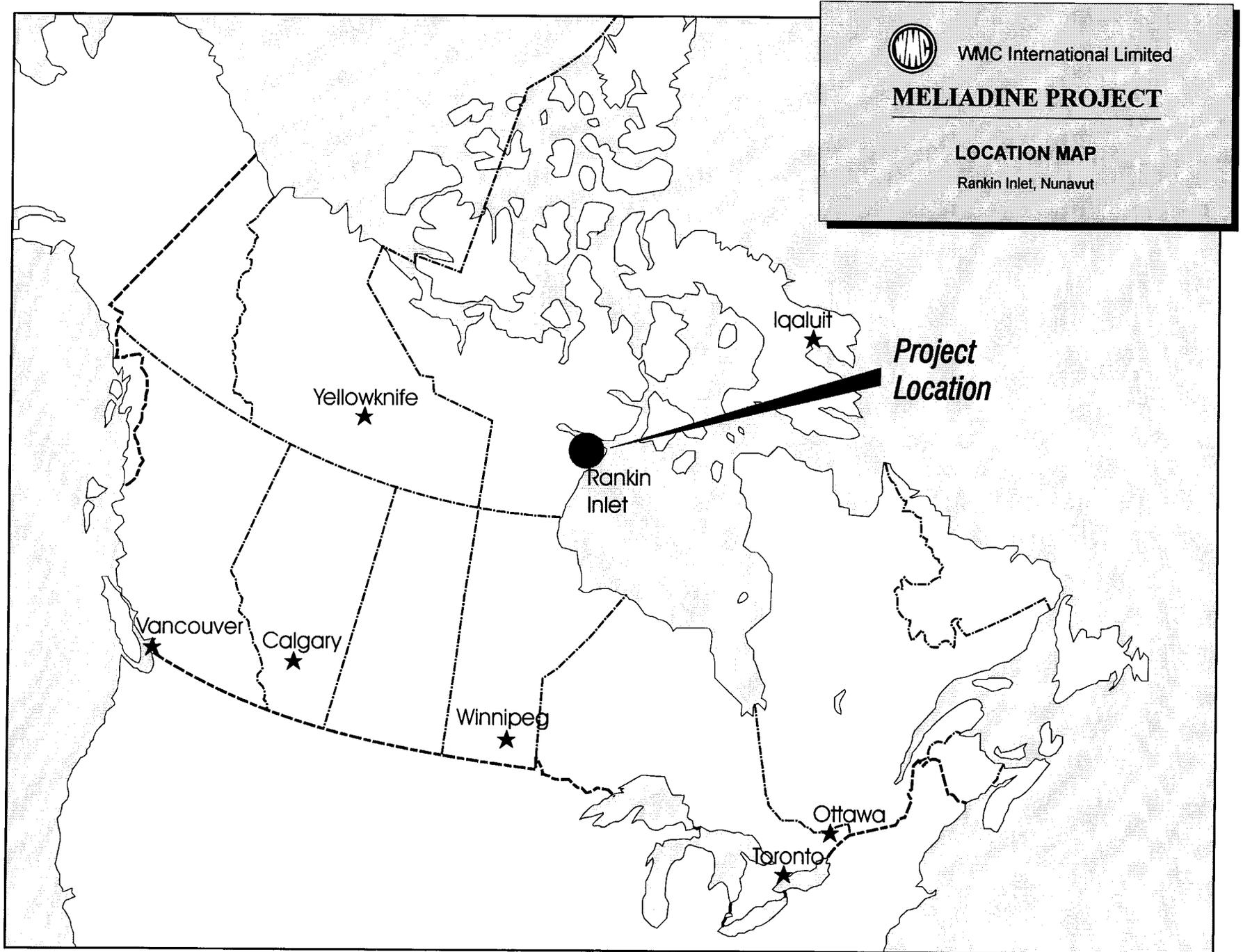


Figure 1



WMC International Limited

**MELIADINE WEST GOLD PROJECT**

**Aklak Claims  
Location Map**

Rankin Inlet, Nunavut

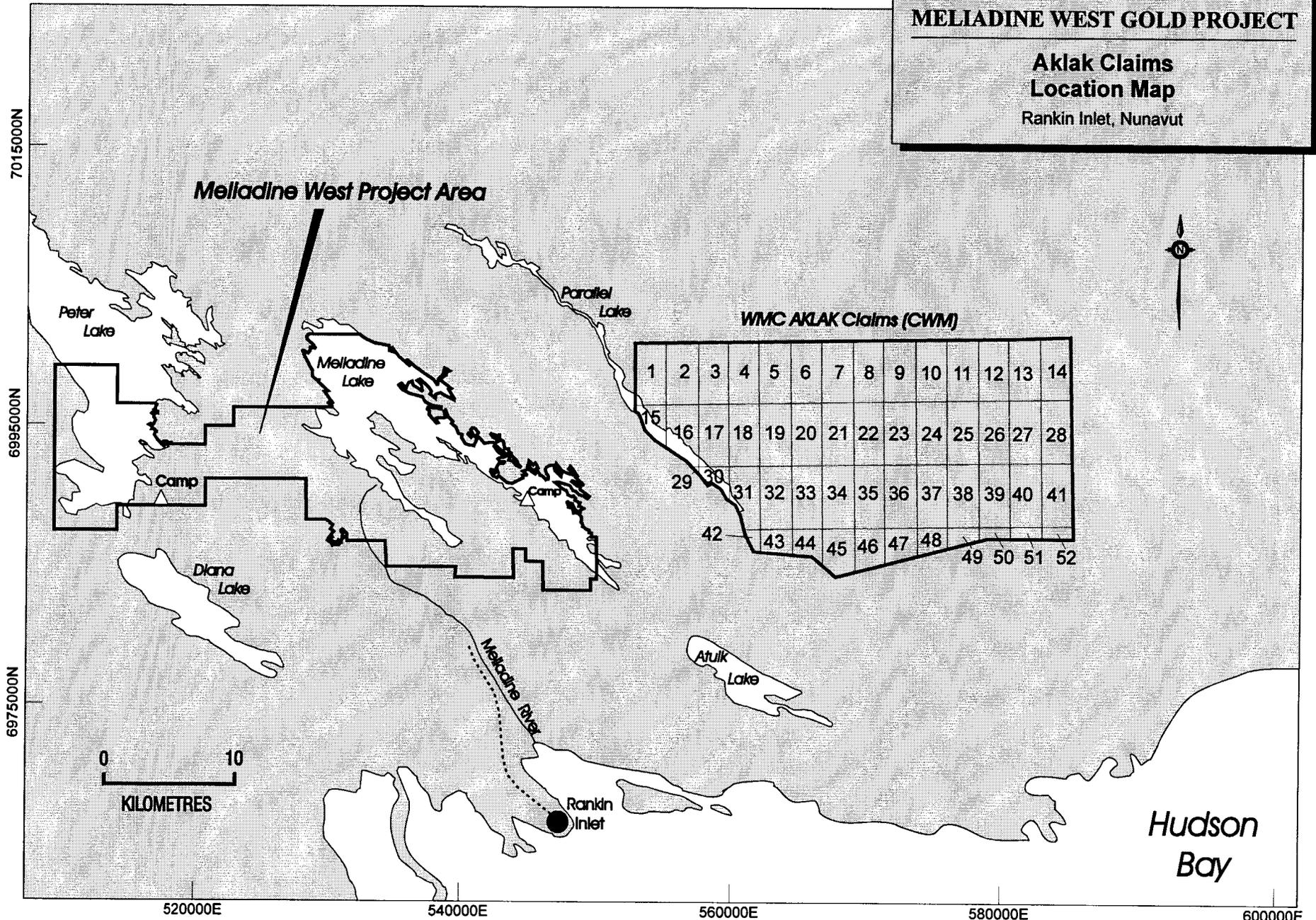


Figure 2

#### 4.0 Claim status

Figure 2 illustrates the location of the CWM claims (Aklak Project area) relative to other WMC project areas within the joint venture area. Table 1 lists relevant particulars of the Aklak claims discussed in this report.

**Table 1 Claim schedule**

<u>Claim#</u>	<u>Name</u>	<u>Acres</u>	<u>Recording Date</u>	<u>Expiry Date</u>
F64723	CWM 1	2,582.50	14-Apr-98	14-Apr-01
F64724	CWM 2	2,582.50	14-Apr-98	14-Apr-01
F64725	CWM 3	2,582.50	14-Apr-98	14-Apr-02
F64726	CWM 4	2,582.50	14-Apr-98	14-Apr-02
F64727	CWM 5	2,582.50	14-Apr-98	14-Apr-02
F64728	CWM 6	2,582.50	14-Apr-98	14-Apr-02
F64729	CWM 7	2,582.50	14-Apr-98	14-Apr-00
F64730	CWM 8	2,582.50	14-Apr-98	14-Apr-00
F64731	CWM 9	2,582.50	14-Apr-98	14-Apr-00
F64732	CWM 10	2,582.50	14-Apr-98	14-Apr-00
F64733	CWM 11	2,582.50	14-Apr-98	14-Apr-00
F64734	CWM 12	2,582.50	14-Apr-98	14-Apr-00
F65701	CWM 15	1,401.52	1-Sep-98	1-Sep-00
F65702	CWM 16	2,368.11	1-Sep-98	1-Sep-00
F65703	CWM 17	2,582.50	1-Sep-98	1-Sep-00
F65704	CWM 18	2,582.50	1-Sep-98	1-Sep-00
F65705	CWM 19	2,582.50	1-Sep-98	1-Sep-00
F65706	CWM 20	2,582.50	1-Sep-98	1-Sep-00
F65707	CWM 21	2,582.50	1-Sep-98	1-Sep-00
F65708	CWM 22	2,582.50	1-Sep-98	1-Sep-00
F65709	CWM 23	2,582.50	1-Sep-98	1-Sep-00
F65710	CWM 24	2,582.50	1-Sep-98	1-Sep-00
F65711	CWM 25	2,582.50	1-Sep-98	1-Sep-00
F65712	CWM 26	2,582.50	1-Sep-98	1-Sep-00

#### 5.0 Geological Setting

The Meliadine property is underlain by rocks of the Rankin Inlet Greenstone Belt within the Hearne Structural Province (Figure 3). The Hearne Structural Province consists mainly of Archean supracrustal rocks that have undergone Proterozoic deformation and metamorphism. Archean rocks are unconformably overlain by and structurally interlayered with Proterozoic Hurwitz Group ortho-quartzite.

The geology of the Rankin Inlet Greenstone Belt has been described in detail by Bannatyne (1958), Laporte (1983), Tella *et al.* (1992), and Tella (1994). Rankin Inlet Greenstone Belt rocks represent a typical greenstone belt assemblage of ultramafic to felsic volcanic rocks and greywacke-turbidite sequences. Magnetite and chert-magnetite iron formations are intercalated with both metavolcanic and metasedimentary rocks. A minimum age for volcanism in the belt is



WMC International Limited  
Americas Division - Exploration

# MELIADINE PROJECT

## Regional Geology of the NE Churchill Province

### LEGEND

#### Proterozoic

 Sandstone

 Granite

 Rhyolite

 Alkaline Basalt and Sandstones

 Quartzite (Hurwitz Group)

#### Archean

 Mafic Volcanics and Gabbros

 Gneisses and Granitoids

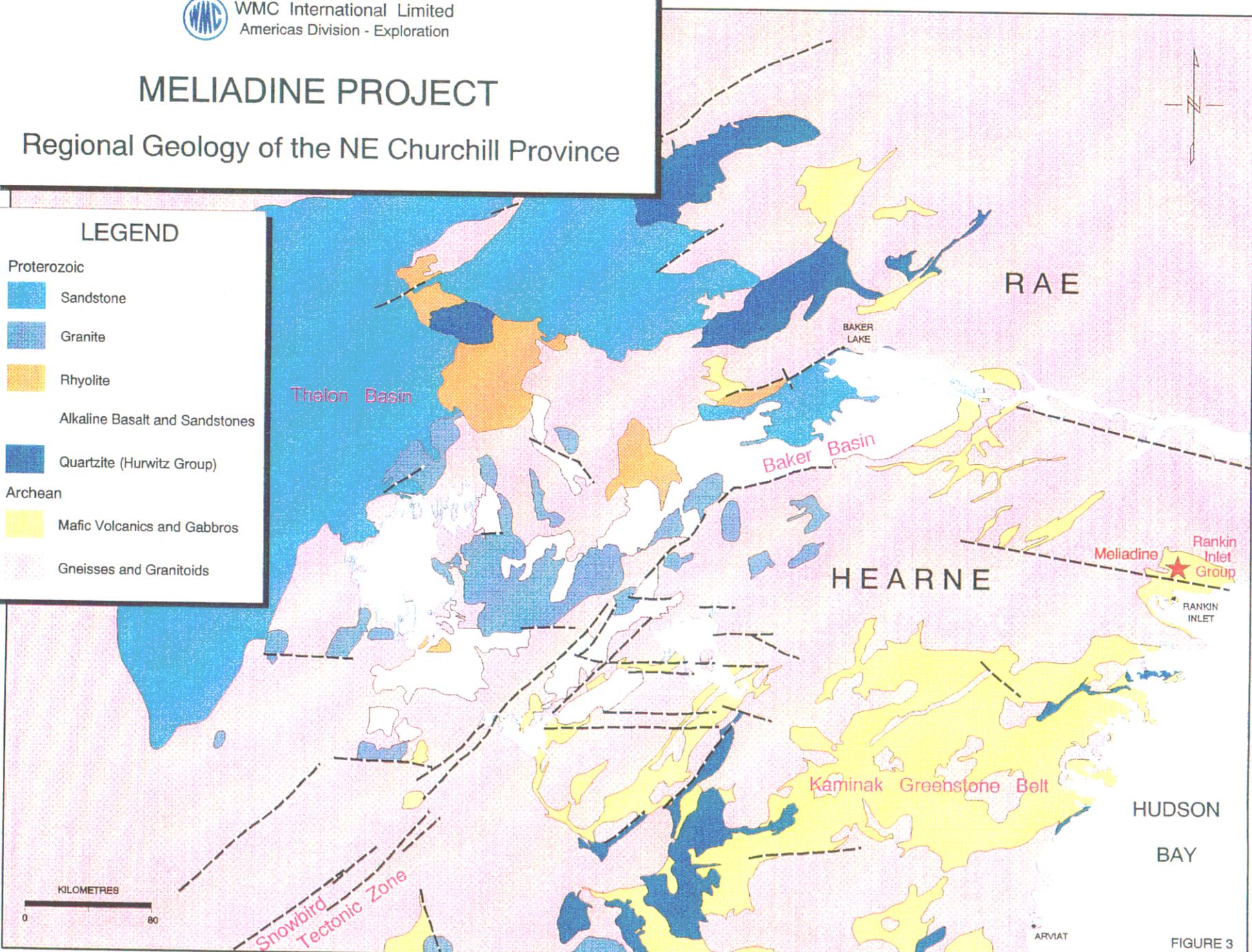


FIGURE 3

established at 2665±3 Ma (Tella, 1994). These supracrustal rocks have undergone polyphase deformation during the Archean and also later in the Proterozoic.

Descriptions of the local geology of the Meliadine area can be found in Armitage *et al.* (1993) and Miller *et al.* (1994). Within the project area, the Rankin Inlet Greenstone Belt is a structural assemblage of metasedimentary and metavolcanic rocks. The volcano-sedimentary succession occurs as fault-bounded slices within a regional, WNW striking deformation zone known as the Pyke Break. The Pyke Break (PB) is 5 to 10km wide in the project area, and the metamorphic grade within the PB is greenschist facies. Metamorphic grade increases to amphibolite facies to the north and south of the PB due to contact metamorphism associated with the intrusion of felsic plutons and the exposure of deeper crustal levels along faults. This district scale layering of competent rocks enveloping a more ductile core is important for focusing deformation along the PB. Gold occurrences in the project area are structurally controlled and occur within shear zones associated with sulfidized iron formation and quartz veins. The gold is strongly associated with arsenopyrite and it commonly occurs as visible grains along the margins or in fractures within arsenopyrite grains. The arsenopyrite is coarse-grained and over-prints ductile deformation fabrics in the host rocks. Sericite alteration is common around the occurrences, and hydrothermal over-printing of chlorite by hornblende is also observed.

## 6.0 Previous work

Initial interest in exploration around the Meliadine area focused on evaluating the potential for Ni-Cu mineralization. Nickel was first discovered on the shore of Hudson Bay within Rankin Inlet in 1928 by the Cyrill Knight Company. Subsequent drilling outlined a total of 453,592 tonnes of ore grading 4.62% Ni, 1.22% Cu, and 3.77 ppm PGE's (Hulbert and Gregoire 1993). This reserve was mined by Rankin Inlet Nickel Mines from 1957 to 1962 and produced 21.3 million pounds of Ni from massive sulphides located within depressions at the base of a serpentinized ultramafic sill.

Gold exploration began in 1987 with the staking of the original NAT claim by Asamera Minerals, which was based on 0.10 oz/t and 0.20 oz/t Au values reported by the Nickel Syndicate in 1972 (Hauseux 1991). The initial western NAT claims were staked in 1990 in order to cover favourable magnetic trends associated with Au mineralization. Other NAT claims have been staked subsequently to cover additional gold targets in the area. The CWM claims in the Aklak project area were staked in 1998 to cover surface gold anomalies and interpreted structural targets.

Prospecting in the Aklak project area has been ongoing during 1990s. A significant surface prospecting program was begun in 1998 and continued in 1999 on CWM claims 1 through 12.

Previous work reported in the Aklak claim area by WMC consists of:

A detailed airborne magnetic survey was conducted over the western portion of the Aklak claim area during July and August of 1998. The results of this work were reported in Marvin *et al*, 1999.

## 7.0 Results

Claims CWM 1 through CWM 12 were prospected and mapped during 1999 to follow up on both the gold mineralized samples taken from CWM 10 and CWM 11 during 1998 and to prospect the remainder of the east-west trending iron formation along strike from the known mineralization. Interpretation of the surface geology was aided by the 1998 geophysical survey (Map 1). The iron formation consists of several boudinaged metre-scale units each consisting of cm-scale layers of recrystallized chert interbedded with hornblende+garnet+/-magnetite. Locally the rocks are highly magnetic and appear to be of lower metamorphic grade. The iron formations are contained within and interbedded with a biotite schist, which locally contains fine-grained kyanite. This sedimentary package is bounded to the south by a foliated granite and to the north by chlorite grade mafic volcanic rocks and felsic gneisses. A folded contact with greenschist facies mafic volcanics was mapped in the northern portion of CWM 2.

Ninety-eight rock chip samples from outcrops and boulders were taken in the Aklak project area during 1999, and 50 were taken during 1998 (Map 2). In addition, 202 till samples were collected for the analysis of the -63  $\mu\text{m}$  fraction, and 84 10-kilogram till samples were taken for analysis of heavy mineral concentrates (Map 3).

There are significant gold anomalies in boulders (four boulders which range from 3.0 to 9.12 g/t gold) from the southwest part of CWM-11. These appear to be associated with the outcropping mineralization on CWM-11 with four samples of iron formation ranging from 4.0 to 15.5 g/t gold (Map 2). Outcropping mineralization on CWM 10 consists of seven gold assay values ranging from 1.0 to 14.61 g/t in iron formation (Map 2). In addition, a single sample of outcropping iron formation returned a gold assay value of 18.72 g/t near the northern boundary of CWM 2 (Map 2). More restricted outcropping mineralization is evident in the northern part of CWM 2.

Only one till sample (52 ppb gold on CWM 2) exceeds the anomaly threshold (>50 ppb) established for -63  $\mu\text{m}$  till samples in the Meliadine area (Map 4). The highest gold contents occur in isolated till samples from CWM 1-4 (11 to 52 ppb), and CWM 18 and 20 (10 to 16 ppb). A similar pattern is evident in the total gold grain counts with ranges from 20 to 72 total gold grains (Map 5), and the gold assays of the heavy mineral concentrations with ranges from 258 to 678 ppb (Map 6). The higher gold contents of the samples from CWM 1-4 reflect southeastward down-ice dispersion of gold from the mineralized outcrop along the northern boundary of CWM 2 (18.72 g/t). The southeast-trending dispersion train in the western part of the project area is interesting, even though it does not compare to dispersion trains in the Meliadine area. It still warrants additional exploration.

There is a kimberlite dyke occurrence on CWM 7 (Map 1), but dispersion trains of kimberlite indicator minerals to the west (CWM 6) and to the east (CWM 8) of the occurrence suggest the presence of kimberlite in the northern portions of CWM 6 and CWM 7 (Map 7).

## **8.0 Conclusions**

The following conclusions can be drawn from exploration work on the Aklak Claims in the Meliadine area:

- (1) Prospecting during 1999 resulted in significant gold contents (4.0 to 15.5 g/t) in outcrop along a two-kilometre strike length on CWM 10 and CWM 11 adjacent to the mineralized boulders observed during the 1998 field season.
- (2) The till survey did not reveal significant gold dispersion trains like those observed at Meliadine Lake. However, subcropping gold mineralization does exist and additional work is required to better outline this mineralization.
- (3) There are significant dispersion trains of kimberlite indicator minerals that extend down-ice of probable kimberlite occurrences on CWM 6 and CWM 8 which require further work.

## **9.0 Recommendations**

The till survey and follow-up rock chip sampling over the Aklak Claims indicates the existence of subcropping or outcropping gold mineralization. Additional mapping, prospecting and ground geophysics is required in order to outline potential drill targets on CWM 2 and CWM 8-11. The kimberlite indicator mineral dispersion trains should be followed-up with more detailed ground magnetics and till sampling (250 m spacing) to locate any kimberlite occurrences.

## 10.0 References

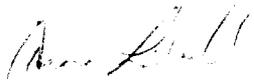
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**Appendix 1**  
**Certificates of Qualifications**

## Certificate of Qualification

I, Anne Labelle, of the City of Smiths Falls, Province of Ontario, do hereby certify that:

1. I am a geologist residing at 16 Roosevelt Drive, Smiths Falls, Ontario.
2. I am a graduate of Carleton University having received a Bachelor of Science, Geology in May 1997.
3. I have been a practicing geologist since 1997.
4. I have been an employee of WMC since 1996.
5. I performed and supervised work covered by this report.



Anne Labelle, BSc.

## Certificate of Qualification

I am qualified to work in the field of mineral exploration because of the degrees I have obtained from recognized universities in Canada, and also the experience I have gained through working for mining companies over the last 12 years. I obtained my Bachelors and Master of Science degrees from the University of Manitoba in Winnipeg, Canada in 1985 and 1990 respectively. I received my Ph.D. in exploration geochemistry from Queen's University in Kingston, Canada in May of 1998. I was employed with the Manitoba Geological Survey for 5 summers while completing my B.Sc. degree at the University of Manitoba. In 1988, I worked for Esso Minerals as an exploration geologist in British Columbia while on break from my M.Sc. studies at the University of Manitoba. I worked for Inco exploration as an exploration geologist in Thompson, Canada for 4 years, and then participated in their educational leave program at Queen's University for 5 years to study exploration geochemistry. I have worked with WMC Exploration Inc. since January, 1999 as a Senior Geochemist.



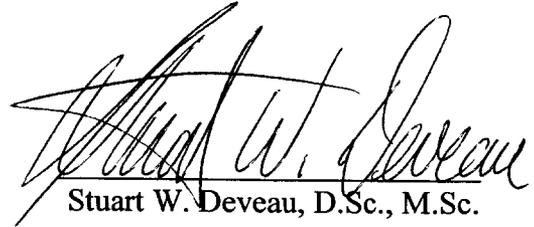
Dave Seneshen Ph.D.  
Senior Geochemist

## CERTIFICATE OF QUALIFICATIONS

### I HEREBY CERTIFY THAT:

1. I currently reside at 99 Sherway Drive, Nepean, Ontario.
2. I am employed as the Land & Drafting Administrator with WMC International Limited, Group Projects, in Nepean, Ontario.
3. I possess a Bachelor of Science Degree in Earth Sciences from Acadia University where I graduated in 1988, and a Master of Science Degree in Geology from Memorial University of Newfoundland, where I graduated in 1992.
4. I have practiced in my profession since 1993.
5. This report is based upon published and unpublished sources of information, and field work conducted during 1997-1999.
6. To the best of my knowledge, all of the information contained in this report is factual and true.
7. At no time have I received, or expect to receive any interest, directly or indirectly in the property.

Dated at Nepean, Ontario, Canada this 29<sup>th</sup> day of May, 2000.

  
Stuart W. Deveau, D.Sc., M.Sc.

**Appendix 2**  
**Summary of Expenditures**

Aklak\_assessment

COST BREAKDOWN OF AKLAK WORK 1997 - 1999

Claim #	Claim Name	Geo	Geo	Mapping	Rock	Rock	#63micron	#GoldGrains	KIM	HMC	Till Geo				Drafting &			Cost per claim	
		days	cost	Helicopter	Rocks	transport					analysis	days	Till geo cost	Till helicopter	Till transport	Till analysis	Writing		Camp costs
F64723	CWM 1	6	\$1,500.00	\$2,805.00	4	\$24.00	\$72.00	11	11	11	2	1.17	\$293.33	\$4,388.27	\$396.00	\$2,243.00	\$250.00	\$717.33	\$12,688.93
F64724	CWM 2	6	\$1,500.00	\$2,805.00	3	\$18.00	\$54.00	15	15	15	2	1.60	\$400.00	\$5,984.00	\$540.00	\$3,015.00	\$250.00	\$760.00	\$15,326.00
F64725	CWM 3	7	\$1,750.00	\$3,272.50	10	\$60.00	\$180.00	10	10	10	2	1.07	\$266.67	\$3,989.33	\$360.00	\$2,050.00	\$250.00	\$806.67	\$12,985.17
F64726	CWM 4	6	\$1,500.00	\$2,805.00	7	\$42.00	\$126.00	9	9	9	2	0.96	\$240.00	\$3,590.40	\$324.00	\$1,857.00	\$250.00	\$696.00	\$11,430.40
F64727	CWM 5	4	\$1,000.00	\$1,870.00	1	\$6.00	\$18.00	13	13	13	2	1.39	\$346.67	\$5,186.13	\$468.00	\$2,629.00	\$250.00	\$538.67	\$12,312.47
F64728	CWM 6	4	\$1,000.00	\$1,870.00	0	\$0.00	\$0.00	13	13	13	2	1.39	\$346.67	\$5,186.13	\$468.00	\$2,629.00	\$250.00	\$538.67	\$12,288.47
F64729	CWM 7	6	\$1,500.00	\$2,805.00	10	\$60.00	\$180.00	9	9	9	2	0.96	\$240.00	\$3,590.40	\$324.00	\$1,857.00	\$250.00	\$696.00	\$11,502.40
F64730	CWM 8	6	\$1,500.00	\$2,805.00	15	\$90.00	\$270.00	12	12	12	2	1.28	\$320.00	\$4,787.20	\$432.00	\$2,436.00	\$250.00	\$728.00	\$13,618.20
F64731	CWM 9	6	\$1,500.00	\$2,805.00	10	\$60.00	\$180.00	14	14	14	4	1.49	\$373.33	\$5,585.07	\$504.00	\$2,942.00	\$250.00	\$749.33	\$14,948.73
F64732	CWM 10	10	\$2,500.00	\$4,675.00	33	\$198.00	\$594.00	6	6	6	6	0.64	\$160.00	\$2,393.60	\$216.00	\$1,518.00	\$250.00	\$1,064.00	\$13,568.60
F64733	CWM 11	10	\$2,500.00	\$4,675.00	34	\$204.00	\$612.00	2	2	2	2	0.21	\$53.33	\$797.87	\$72.00	\$506.00	\$250.00	\$1,021.33	\$10,691.53
F64734	CWM 12	6	\$1,500.00	\$2,805.00	8	\$48.00	\$144.00	7	4	4	4	0.55	\$136.67	\$2,044.53	\$162.00	\$1,066.00	\$250.00	\$654.67	\$8,810.87
F65701	CWM 15	1	\$250.00	\$467.50		\$0.00	\$0.00	1	1		1	0.11	\$26.67	\$398.93	\$36.00	\$153.00		\$110.67	\$1,442.77
F65702	CWM 16	1	\$250.00	\$467.50		\$0.00	\$0.00	2	2		2	0.21	\$53.33	\$797.87	\$72.00	\$306.00		\$121.33	\$2,068.03
F65703	CWM 17	1	\$250.00	\$467.50		\$0.00	\$0.00	3	3	1	2	0.32	\$80.00	\$1,196.80	\$108.00	\$499.00		\$132.00	\$2,733.30
F65704	CWM 18	1	\$250.00	\$467.50		\$0.00	\$0.00	1	1		1	0.11	\$26.67	\$398.93	\$36.00	\$153.00		\$110.67	\$1,442.77
F65705	CWM 19	2	\$500.00	\$935.00	2	\$12.00	\$36.00	5	5	2	4	0.53	\$133.33	\$1,994.67	\$180.00	\$905.00		\$253.33	\$4,949.33
F65706	CWM 20	2	\$500.00	\$935.00	2	\$12.00	\$36.00	7	7	3	6	0.75	\$186.67	\$2,792.53	\$252.00	\$1,311.00		\$274.67	\$6,299.87
F65707	CWM 21	2	\$500.00	\$935.00	6	\$36.00	\$108.00	4	4	1	4	0.43	\$106.67	\$1,595.73	\$144.00	\$712.00		\$242.67	\$4,380.07
F65708	CWM 22	2	\$500.00	\$935.00		\$0.00	\$0.00	6	6	3	3	0.64	\$160.00	\$2,393.60	\$216.00	\$1,038.00		\$264.00	\$5,506.60
F65709	CWM 23	2	\$500.00	\$935.00	2	\$12.00	\$36.00	5	5	4	1	0.53	\$133.33	\$1,994.67	\$180.00	\$925.00		\$253.33	\$4,969.33
F65710	CWM 24	2	\$500.00	\$935.00	1	\$6.00	\$18.00	5	2	1	2	0.33	\$83.33	\$1,246.67	\$90.00	\$460.00		\$233.33	\$3,572.33
F65711	CWM 25	2	\$500.00	\$935.00		\$0.00	\$0.00	24	4	2	4	1.23	\$306.67	\$4,587.73	\$264.00	\$1,172.00		\$322.67	\$8,088.07
F65712	CWM 26	2	\$500.00	\$935.00		\$0.00	\$0.00	16	2	2	2	0.77	\$193.33	\$2,892.27	\$156.00	\$758.00		\$277.33	\$5,711.93
<b>Totals</b>		<b>97</b>	<b>\$24,250.00</b>	<b>\$45,347.50</b>	<b>148</b>	<b>\$888.00</b>	<b>\$2,664.00</b>	<b>200</b>	<b>160</b>	<b>137</b>	<b>64</b>	<b>18.67</b>	<b>\$4,666.67</b>	<b>\$69,813.33</b>	<b>\$6,000.00</b>	<b>\$33,140.00</b>	<b>\$3,000.00</b>	<b>\$11,566.67</b>	<b>\$201,336.17</b>

Notes on calculations:

Geo cost is based on \$250 per geologist per day. Time is calculated separately for mapping/prospecting, till collection, office work.

Helicopter mapping cost is based on 1 hour per day for two geologists.

Transportation costs (\$3/kg) include helicopter from camp to Rankin Inlet, air transport from Rankin to Winnipeg, ground transport from Winnipeg to Saskatoon (for rocks), Winnipeg to Val d'Or (for tills).

Assume 2kg for -63 micron tills and 10kg for gold.

Analysis costs are \$18 per sample for rocks and -63micron tills, and \$100 for gold grain counts.

Till helicopter costs are based on four (4) hours per day (Till Geo Days) flying time.

Camp costs are \$100 per person per day.

Helicopter costs are \$935 per hour, fuel inclusive = \$1.75/litre @ 120 litres/hour.

**Appendix 3**  
**Geochemical Analysis Certificates**

**Appendix 3a**

**-63  $\mu\text{m}$  ICP**



**Intertek Testing Services**  
Chimitec Bondar Clegg

**Rapport Lab Geochimie**  
**Geochemical Lab Report**

REPORT: C98-62714.0 ( COMPLETE )

REFERENCE:

CLIENT: WMC INTERNATIONAL LIMITED

SUBMITTED BY: T. GOODWIN

PROJECT: 4026F25

DATE RECEIVED: 09-SEP-98 DATE PRINTED: 24-SEP-98

DATE APPROVED	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD	SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
980924	1 AU Gold	99	1 PPB	FIRE ASSAY	FIRE ASSAY-ICP	STREAM SED, SILT	100	-250	100	DRY, SIEVE - 63 u	100
980924	2 Au Wt1 Test Weight	99	0.10 Gr.								
980924	3 Ag Silver	100	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	REMARKS: IS indicates Insufficient Sample					
980924	4 Cu Copper	100	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	REPORT COPIES TO: MR. TERRY GOODWIN					
980924	5 Pb Lead	100	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	INVOICE TO: MRS. ANNETTE BURT					
980924	6 Zn Zinc	100	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	MRS. ANNETTE BURT					
980924	7 Mo Molybdenum	100	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	*****					
980924	8 Ni Nickel	100	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	This report must not be reproduced except in full. The data presented in this report is specific to those samples identified under "Sample Number" and is applicable only to the samples as received expressed on a dry basis unless otherwise indicated					
980924	9 Co Cobalt	100	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	*****					
980924	10 Cd Cadmium	100	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980924	11 Bi Bismuth	100	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980924	12 As Arsenic	100	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980924	13 Sb Antimony	100	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980924	14 Fe Iron	100	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980924	15 Mn Manganese	100	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980924	16 Te Tellurium	100	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980924	17 Ba Barium	100	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980924	18 Cr Chromium	100	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980924	19 V Vanadium	100	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980924	20 Sn Tin	100	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980924	21 W Tungsten	100	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980924	22 La Lanthanum	100	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980924	23 Al Aluminum	100	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980924	24 Mg Magnesium	100	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980924	25 Ca Calcium	100	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980924	26 Na Sodium	100	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980924	27 K Potassium	100	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980924	28 Sr Strontium	100	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980924	29 Y Yttrium	100	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980924	30 Ga Gallium	100	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980924	31 Li Lithium	100	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980924	32 Nb Niobium	100	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980924	33 Sc Scandium	100	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980924	34 Ta Tantalum	100	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980924	35 Ti Titanium	100	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980924	36 Zr Zirconium	100	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						



CLIENT: WMC INTERNATIONAL LIMITED

PROJECT: 4026F25

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DATE RECEIVED: 09-SEP-98

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PAGE 1 OF 7

SAMPLE NUMBER	ELEMENT UNITS	Au	Au	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Tl	Zr
		PPB	Gr.	PPM	PCT	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM																		
CS-105101		4	30.26	<2	35	6	48	2	32	11	<2	<5	<5	<5	2.13	222	<10	81	41	41	<20	<20	37	1.12	0.81	0.61	0.04	0.36	20	8	<2	18	3	<5	<10	0.12	10
CS-105102		4	30.02	<2	50	6	37	<1	29	13	<2	<5	<5	<5	2.05	213	<10	89	36	42	<20	<20	40	0.86	0.63	0.55	0.03	0.24	18	8	<2	13	3	<5	<10	0.10	8
CS-105103		4	30.10	<2	59	6	52	<1	32	14	<2	<5	<5	<5	2.23	233	<10	115	41	46	<20	<20	42	1.24	0.90	0.65	0.04	0.42	24	9	<2	21	3	<5	<10	0.13	8
CS-105104		4	31.04	<2	29	4	25	<1	20	9	<2	<5	<5	<5	1.64	140	<10	43	24	28	<20	<20	37	0.65	0.42	0.58	0.03	0.15	16	8	<2	8	2	<5	<10	0.08	7
CS-105105		14	30.49	<2	41	5	35	1	24	11	<2	<5	<5	<5	1.80	188	<10	64	29	32	<20	<20	32	0.82	0.54	0.53	0.03	0.20	17	7	<2	12	3	<5	<10	0.09	4
CS-105106		4	30.21	<2	32	4	32	1	20	9	<2	<5	<5	<5	1.78	175	<10	66	28	33	<20	<20	33	0.82	0.54	0.59	0.04	0.23	19	8	<2	12	3	<5	<10	0.10	5
CS-105107		12	31.27	<2	29	5	29	<1	19	10	<2	<5	<5	<5	1.69	182	<10	57	23	31	<20	<20	31	0.71	0.46	0.68	0.04	0.20	22	8	<2	10	3	<5	<10	0.09	7
CS-105108		2	30.25	<2	57	6	36	2	27	11	<2	<5	5	<5	2.04	178	<10	70	33	36	<20	<20	36	0.92	0.58	0.56	0.04	0.25	17	8	<2	13	3	<5	<10	0.10	5
CS-105109		3	30.40	<2	29	4	21	<1	20	8	<2	<5	<5	<5	1.54	162	<10	46	24	29	<20	<20	29	0.66	0.44	0.61	0.03	0.16	18	8	<2	9	2	<5	<10	0.08	7
CS-105110		4	30.54	<2	27	4	19	<1	19	10	<2	<5	<5	<5	1.71	167	<10	41	22	29	<20	<20	35	0.66	0.41	0.71	0.04	0.13	22	9	<2	8	2	<5	<10	0.09	8
CS-105111		3	30.44	<2	39	5	25	1	22	9	<2	<5	<5	<5	1.77	167	<10	69	29	32	<20	<20	34	0.77	0.51	0.60	0.04	0.26	18	8	<2	11	2	<5	<10	0.09	8
CS-105112		4	30.63	<2	40	5	35	2	30	12	<2	<5	6	<5	2.18	195	<10	94	42	42	<20	<20	33	1.06	0.74	0.56	0.04	0.40	17	7	<2	17	3	<5	<10	0.11	6
CS-105113		52	30.59	<2	19	4	18	<1	15	8	<2	<5	<5	<5	1.44	150	<10	40	20	27	<20	<20	28	0.56	0.37	0.63	0.03	0.14	20	8	<2	7	2	<5	<10	0.08	7
CS-105114		7	32.27	<2	24	4	22	<1	16	8	<2	<5	<5	<5	1.50	150	<10	38	20	26	<20	<20	29	0.60	0.38	0.62	0.03	0.12	20	8	<2	7	2	<5	<10	0.08	7
CS-105115		5	31.18	<2	39	7	28	<1	25	12	<2	<5	<5	<5	1.81	184	<10	48	26	31	<20	<20	29	0.76	0.48	0.62	0.03	0.18	18	8	<2	10	3	<5	<10	0.09	8
CS-105116		6	30.14	<2	53	7	36	<1	30	13	<2	<5	5	<5	1.98	216	<10	54	31	38	<20	<20	37	0.95	0.60	0.65	0.04	0.20	19	10	<2	14	3	<5	<10	0.10	5
CS-105117		<5	4.28	<2	182	6	104	2	44	12	<2	<5	8	<5	2.38	234	<10	168	68	51	<20	<20	193	1.84	1.14	0.62	0.03	0.31	34	25	5	26	4	9	<10	0.09	6
CS-105118		8	30.38	<2	32	5	36	<1	26	13	<2	<5	<5	<5	2.00	221	<10	63	32	39	<20	<20	30	0.97	0.62	0.65	0.04	0.22	19	8	<2	12	3	<5	<10	0.10	5
CS-105119		26	30.13	<2	28	6	26	1	20	8	<2	<5	<5	<5	1.68	164	<10	37	25	30	<20	<20	33	0.68	0.45	0.64	0.04	0.17	17	9	<2	8	2	<5	<10	0.08	8
CS-105120		2	31.24	<2	26	6	44	1	24	11	<2	<5	6	<5	2.22	241	<10	88	39	44	<20	<20	40	1.12	0.87	0.91	0.05	0.43	24	8	<2	19	2	<5	<10	0.13	10
CS-105121		6	30.50	<2	32	4	28	<1	23	10	<2	<5	<5	<5	1.64	169	<10	55	29	30	<20	<20	29	0.78	0.53	0.51	0.03	0.19	14	7	<2	10	3	<5	<10	0.08	6
CS-105122		17	30.86	<2	32	4	30	<1	24	9	<2	<5	<5	<5	1.79	171	<10	65	32	33	<20	<20	29	0.83	0.56	0.53	0.03	0.24	15	7	<2	11	2	<5	<10	0.08	7
CS-105123		9	31.01	<2	28	4	28	<1	21	10	<2	<5	<5	<5	1.76	189	<10	65	29	33	<20	<20	30	0.84	0.52	0.59	0.04	0.22	15	8	<2	10	3	<5	<10	0.09	6
CS-105124		4	30.61	<2	51	7	45	2	37	14	<2	<5	<5	<5	2.56	243	<10	83	51	47	<20	<20	38	1.25	0.90	0.59	0.04	0.36	16	9	<2	17	3	5	<10	0.11	8
CS-105125		1	31.09	<2	21	5	41	1	23	10	<2	<5	<5	<5	1.85	203	<10	78	38	40	<20	<20	38	1.10	0.73	0.61	0.04	0.36	16	9	<2	17	3	<5	<10	0.12	11
CS-105126		10	30.15	<2	33	6	43	1	29	13	<2	<5	<5	<5	2.26	232	<10	99	43	41	<20	<20	24	1.24	0.82	0.55	0.04	0.33	15	7	<2	16	4	<5	<10	0.11	7
CS-105127		9	32.12	<2	47	6	36	1	25	11	<2	<5	<5	<5	2.15	204	<10	71	35	37	<20	<20	26	1.05	0.69	0.55	0.04	0.25	12	7	<2	14	4	<5	<10	0.09	5
CS-105128		4	31.84	<2	24	4	33	<1	22	10	<2	<5	<5	<5	1.71	197	<10	69	29	32	<20	<20	31	0.90	0.58	0.59	0.04	0.25	16	8	<2	11	2	<5	<10	0.09	7
CS-105129		6	31.09	<2	28	4	30	1	22	9	<2	<5	<5	<5	1.81	171	<10	69	31	34	<20	<20	30	0.94	0.58	0.54	0.04	0.25	14	7	<2	11	3	<5	<10	0.10	6
CS-105130		4	30.64	<2	61	6	41	2	35	15	<2	<5	<5	<5	2.40	192	<10	90	43	39	<20	<20	35	1.13	0.75	0.49	0.03	0.39	13	8	<2	14	3	<5	<10	0.10	14



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PAGE 2 OF 7

SAMPLE NUMBER	ELEMENT UNITS	AU Wt1 PPB	Ag Gr. PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Mn PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
CS-105131	3	31.98	<2	36	4	32	<1	22	9	<2	<5	<5	<5	1.74	175	<10	67	30	31	<20	<20	30	0.90	0.61	0.50	0.03	0.26	14	7	<2	12	2	<5	<10	0.09	6
CS-105132	3	31.39	<2	36	5	34	1	29	11	<2	<5	<5	<5	1.95	179	<10	82	35	34	<20	<20	28	0.95	0.62	0.52	0.03	0.28	14	6	<2	13	2	<5	<10	0.08	5
CS-105133	2	31.62	<2	30	4	35	1	23	10	<2	<5	<5	<5	1.84	183	<10	60	31	33	<20	<20	33	0.95	0.59	0.53	0.03	0.25	12	7	<2	12	3	<5	<10	0.09	6
CS-105134	3	30.01	<2	23	5	38	1	23	10	<2	<5	<5	<5	2.03	206	<10	72	36	37	<20	<20	27	1.09	0.73	0.51	0.03	0.30	12	6	<2	16	3	<5	<10	0.10	6
CS-105135	2	30.52	<2	64	5	65	1	51	19	<2	<5	<5	<5	2.95	277	<10	152	62	54	<20	<20	43	1.56	1.11	0.55	0.04	0.56	15	8	<2	23	4	6	<10	0.13	10
CS-105136	9	31.25	<2	29	4	35	1	22	9	<2	<5	<5	<5	1.52	169	<10	70	29	30	<20	<20	39	0.88	0.56	0.56	0.04	0.27	14	8	<2	11	2	<5	<10	0.09	9
CS-105137	2	30.83	<2	19	4	28	<1	20	10	<2	<5	<5	<5	1.86	193	<10	75	31	35	<20	<20	29	0.87	0.54	0.61	0.04	0.24	22	8	<2	11	2	<5	<10	0.11	9
CS-105138	4	30.43	<2	46	5	37	<1	27	12	<2	<5	<5	<5	2.06	207	<10	94	35	38	<20	<20	37	1.05	0.68	0.63	0.05	0.36	16	8	<2	14	3	<5	<10	0.11	10
CS-105139	5	30.83	<2	34	5	34	<1	23	13	<2	<5	6	<5	2.33	247	<10	65	29	43	<20	<20	38	1.03	0.66	0.77	0.05	0.23	20	9	<2	12	3	<5	<10	0.12	8
CS-105140	4	30.41	<2	27	4	27	<1	18	8	<2	<5	<5	<5	1.66	176	<10	53	26	31	<20	<20	29	0.76	0.50	0.63	0.04	0.20	16	8	<2	9	2	<5	<10	0.08	10
CS-105141	14	30.27	<2	31	4	32	<1	23	9	<2	<5	<5	<5	1.75	183	<10	77	30	33	<20	<20	25	0.92	0.59	0.54	0.04	0.30	14	6	<2	12	2	<5	<10	0.09	7
CS-105142	3	30.94	<2	34	4	39	<1	28	11	<2	<5	<5	<5	2.00	200	<10	95	37	37	<20	<20	29	1.04	0.72	0.54	0.04	0.37	16	7	<2	15	3	<5	<10	0.11	8
CS-105143	10	30.88	<2	26	4	25	<1	19	8	<2	<5	<5	<5	1.56	171	<10	47	23	29	<20	<20	25	0.71	0.46	0.57	0.04	0.18	13	7	<2	8	2	<5	<10	0.08	8
CS-105144	10	31.33	<2	26	4	24	<1	17	8	<2	<5	<5	<5	1.46	150	<10	49	22	26	<20	<20	24	0.67	0.43	0.50	0.03	0.19	12	6	<2	8	2	<5	<10	0.07	7
CS-105145	3	31.78	<2	35	4	31	<1	25	10	<2	<5	<5	<5	1.81	173	<10	80	31	32	<20	<20	28	0.91	0.60	0.56	0.04	0.30	14	7	<2	12	2	<5	<10	0.09	8
CS-105146	8	32.25	<2	24	4	28	<1	20	10	<2	<5	<5	<5	1.66	184	<10	59	26	31	<20	<20	25	0.78	0.52	0.60	0.04	0.26	15	7	<2	10	2	<5	<10	0.09	7
CS-105147	3	31.08	<2	34	5	41	<1	28	11	<2	<5	<5	<5	2.14	213	<10	93	38	39	<20	<20	35	1.14	0.77	0.65	0.05	0.39	22	7	<2	17	3	<5	<10	0.11	8
CS-105148	5	30.63	<2	22	4	32	<1	19	9	<2	<5	<5	<5	1.72	188	<10	72	27	33	<20	<20	26	0.81	0.56	0.57	0.04	0.29	16	7	<2	11	2	<5	<10	0.09	8
CS-105149	6	32.58	<2	24	4	25	1	19	8	<2	<5	<5	<5	1.65	159	<10	60	26	29	<20	<20	29	0.78	0.49	0.55	0.03	0.22	13	7	<2	9	3	<5	<10	0.08	8
CS-105150	17	30.96	<2	26	4	22	<1	20	12	<2	<5	<5	<5	1.69	223	<10	51	24	31	<20	<20	27	0.75	0.50	0.65	0.04	0.20	19	7	<2	9	2	<5	<10	0.09	8
CS-105151	4	30.89	<2	46	5	36	2	30	12	<2	<5	<5	<5	2.22	206	<10	98	38	37	<20	<20	32	1.11	0.70	0.51	0.04	0.38	15	7	<2	15	2	<5	<10	0.10	10
CS-105152	6	30.77	<2	28	5	27	<1	21	9	<2	<5	<5	<5	1.76	168	<10	67	28	31	<20	<20	32	0.83	0.54	0.57	0.04	0.26	14	7	<2	11	2	<5	<10	0.09	7
CS-105153	4	31.39	<2	25	4	26	<1	18	7	<2	<5	<5	<5	1.70	159	<10	61	28	31	<20	<20	30	0.80	0.53	0.55	0.04	0.24	15	7	<2	10	3	<5	<10	0.09	7
CS-105154	2	30.33	<2	33	4	27	1	21	10	<2	<5	<5	<5	1.89	182	<10	59	27	31	<20	<20	31	0.84	0.55	0.56	0.04	0.22	15	7	<2	11	3	<5	<10	0.08	8
CS-105155	11	30.25	<2	20	5	38	<1	21	8	<2	<5	<5	<5	1.98	211	<10	73	33	36	<20	<20	32	1.07	0.89	2.03	0.05	0.33	35	8	<2	15	4	<5	<10	0.11	10
CS-105156	5	31.16	<2	33	5	31	<1	21	9	<2	<5	5	<5	1.77	161	<10	55	26	30	<20	<20	26	0.86	0.50	0.51	0.04	0.19	13	6	<2	11	3	<5	<10	0.08	5
CS-105157	9	31.22	<2	19	4	21	<1	13	6	<2	<5	<5	<5	1.45	129	<10	42	20	25	<20	<20	23	0.66	0.35	0.47	0.03	0.14	12	6	<2	7	3	<5	<10	0.07	5
CS-105158	2	10.98	<2	17	6	58	1	31	12	<2	<5	<5	<5	3.25	237	<10	90	77	68	<20	<20	14	1.88	1.09	0.21	0.02	0.38	9	4	3	19	5	<5	<10	0.13	4
CS-105159	3	30.17	<2	19	3	21	<1	14	6	<2	<5	<5	<5	1.22	140	<10	37	21	23	<20	<20	27	0.64	0.39	0.51	0.03	0.13	12	7	<2	7	2	<5	<10	0.07	8
CS-105160	2	30.72	<2	22	4	24	1	15	7	<2	<5	<5	<5	1.55	155	<10	51	24	28	<20	<20	28	0.79	0.45	0.55	0.04	0.18	13	7	<2	8	2	<5	<10	0.09	5

22



CLIENT: WMC INTERNATIONAL LIMITED  
REPORT: C98-62714.0 ( COMPLETE )

DATE RECEIVED: 09-SEP-98 DATE PRINTED: 24-SEP-98 PAGE 3 OF 7

PROJECT: 4026F25

SAMPLE NUMBER	ELEMENT UNITS	Au	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ge	Li	Mb	Sc	Ta	Ti	Zr
		Au Mt1 Gr.	PPM	PCT	PPM	PCT	PCT	PCT	PCT	PCT	PCT	PPM	PCT																							
CS-105161	5	30.56	<2	17	4	22	<1	14	6	<2	<5	<5	<5	1.49	144	<10	44	22	26	<20	<20	25	0.68	0.41	0.53	0.03	0.16	13	7	<2	8	2	<5	<10	0.08	7
CS-105162	<1	30.78	<2	86	12	74	<1	157	44	<2	<5	6	<5	7.01	1447	<10	926	176	166	<20	<20	197	1.95	6.57	>10.00	0.07	0.59	1127	25	7	38	11	19	<10	0.08	6
CS-105163	5	30.34	<2	21	4	34	1	20	8	<2	<5	<5	<5	1.78	184	<10	52	32	31	<20	<20	25	0.85	0.60	0.54	0.03	0.24	14	7	<2	11	2	<5	<10	0.08	8
CS-105164	1	30.27	<2	29	4	30	<1	21	8	<2	<5	<5	<5	1.82	162	<10	58	30	29	<20	<20	25	0.85	0.58	0.49	0.03	0.23	13	6	<2	10	2	<5	<10	0.08	9
CS-105165	1	30.43	<2	35	4	33	<1	24	9	<2	<5	<5	<5	1.90	177	<10	60	33	32	<20	<20	27	0.91	0.61	0.49	0.03	0.23	12	7	<2	12	3	<5	<10	0.08	8
CS-105166	2	30.45	<2	12	4	33	<1	19	9	<2	<5	<5	<5	1.78	181	<10	61	33	32	<20	<20	22	0.89	0.63	0.50	0.03	0.25	12	6	<2	11	3	<5	<10	0.08	8
CS-105167	2	32.04	<2	19	4	27	<1	18	7	<2	<5	<5	<5	1.67	156	<10	43	27	26	<20	<20	23	0.74	0.49	0.51	0.03	0.16	11	6	<2	8	3	<5	<10	0.07	7
CS-105168	<1	32.66	<2	17	2	28	<1	17	7	<2	<5	<5	<5	1.23	154	<10	50	25	27	<20	<20	23	0.77	0.51	0.48	0.03	0.23	11	6	<2	10	2	<5	<10	0.08	8
CS-105169	2	7.65	<2	131	11	88	2	58	17	<2	<5	6	<5	3.35	231	<10	98	70	52	<20	<20	49	1.83	1.08	0.36	0.02	0.45	8	8	<2	26	4	5	<10	0.10	5
CS-105170	1	30.98	<2	33	5	29	1	21	8	<2	<5	<5	<5	1.78	164	<10	59	29	30	<20	<20	26	0.83	0.53	0.53	0.04	0.21	12	7	<2	9	2	<5	<10	0.08	9
CS-105171	1	30.53	<2	24	4	30	<1	19	8	<2	<5	<5	<5	1.50	161	<10	55	26	27	<20	<20	27	0.77	0.50	0.52	0.04	0.21	13	7	<2	9	2	<5	<10	0.08	9
CS-105172	4	30.44	<2	28	5	24	<1	17	8	<2	<5	<5	<5	1.63	163	<10	46	25	29	<20	<20	34	0.78	0.45	0.54	0.03	0.15	13	7	<2	8	3	<5	<10	0.08	5
CS-105173	2	30.58	<2	29	4	27	1	17	7	<2	<5	<5	<5	1.56	160	<10	61	26	29	<20	<20	32	0.84	0.69	0.58	0.04	0.22	15	7	<2	10	2	<5	<10	0.09	7
CS-105174	6	31.90	<2	18	3	18	<1	12	6	<2	<5	<5	<5	1.29	127	<10	38	17	23	<20	<20	26	0.56	0.31	0.51	0.03	0.13	12	6	<2	5	1	<5	<10	0.07	6
CS-105175	4	30.29	<2	41	5	37	1	26	10	<2	<5	<5	<5	2.15	186	<10	101	39	40	<20	<20	29	1.25	0.71	0.51	0.05	0.36	15	7	<2	15	4	<5	<10	0.11	6
CS-105176	4	30.21	<2	20	5	27	1	14	6	<2	<5	<5	<5	1.92	150	<10	44	26	29	<20	<20	23	0.84	0.68	0.49	0.03	0.17	10	6	<2	9	3	<5	<10	0.08	7
CS-105177	1	30.05	<2	26	4	28	1	18	8	<2	<5	<5	<5	1.73	163	<10	63	28	34	<20	<20	29	0.87	0.57	0.52	0.04	0.21	13	7	<2	11	3	<5	<10	0.09	7
CS-105178	2	30.54	<2	22	4	23	<1	15	7	<2	<5	<5	<5	1.50	145	<10	38	21	25	<20	<20	24	0.70	0.40	0.51	0.03	0.14	11	6	<2	7	2	<5	<10	0.07	6
CS-105179	<1	31.91	<2	33	5	32	1	22	9	<2	<5	<5	<5	2.00	184	<10	62	33	34	<20	<20	25	1.07	0.61	0.42	0.03	0.21	10	6	<2	13	3	<5	<10	0.09	3
CS-105180	8	30.48	<2	28	4	33	<1	18	8	<2	<5	<5	<5	1.52	174	<10	60	28	30	<20	<20	29	0.89	0.58	0.51	0.03	0.23	11	7	<2	12	3	<5	<10	0.09	9
CS-105181	1	31.49	<2	16	4	20	<1	13	6	<2	<5	<5	<5	1.44	145	<10	39	21	25	<20	<20	22	0.66	0.41	0.53	0.03	0.14	12	6	<2	7	3	<5	<10	0.07	7
CS-105182	2	30.75	<2	29	5	33	1	23	10	<2	<5	<5	<5	1.98	198	<10	75	33	35	<20	<20	27	0.99	0.64	0.61	0.05	0.28	15	7	<2	12	2	<5	<10	0.10	9
CS-105183	18	<2	75	10	95	2	49	22	<2	<5	<5	<5	<5	3.71	395	<10	98	84	61	<20	<20	32	2.08	1.29	0.25	0.02	0.32	9	5	2	31	7	5	<10	0.12	4
CS-105184	2	30.02	<2	21	4	24	<1	17	7	<2	<5	<5	<5	1.44	155	<10	53	25	29	<20	<20	26	0.77	0.46	0.55	0.04	0.19	13	7	<2	9	2	<5	<10	0.09	8
CS-105185	2	30.43	<2	29	4	31	<1	22	9	<2	<5	<5	<5	1.89	190	<10	72	30	34	<20	<20	29	0.96	0.59	0.60	0.04	0.25	16	7	<2	11	2	<5	<10	0.09	10
CS-105186	4	31.85	<2	26	4	26	1	15	7	<2	<5	<5	<5	1.63	159	<10	58	25	30	<20	<20	25	0.83	0.47	0.56	0.04	0.20	14	7	<2	9	3	<5	<10	0.09	6
CS-105187	3	30.99	<2	23	4	19	<1	13	6	<2	<5	<5	<5	1.42	139	<10	44	21	26	<20	<20	27	0.65	0.37	0.53	0.04	0.14	14	7	<2	7	2	<5	<10	0.08	5
CS-105188	<1	31.57	<2	22	4	22	<1	14	7	<2	<5	<5	<5	1.45	150	<10	49	22	27	<20	<20	25	0.69	0.41	0.55	0.04	0.18	13	6	<2	8	1	<5	<10	0.08	7
CS-105189	2	30.83	<2	33	4	38	1	27	10	<2	<5	<5	<5	2.17	196	<10	106	41	41	<20	<20	27	1.22	0.74	0.55	0.05	0.42	17	6	<2	17	3	<5	<10	0.11	6
CS-105190	<1	30.88	<2	23	3	27	<1	15	7	<2	<5	<5	<5	1.62	163	<10	51	25	27	<20	<20	22	0.76	0.49	0.52	0.03	0.19	12	7	<2	9	2	<5	<10	0.08	8



Intertek Testing Services  
Chimitec Bondar Clegg

Rapport Lab Geochimie  
Geochemical Lab Report

CLIENT: WMC INTERNATIONAL LIMITED  
REPORT: C98-62714.0 ( COMPLETE )

PROJECT: 4026F25  
DATE RECEIVED: 09-SEP-98 DATE PRINTED: 24-SEP-98 PAGE 4 OF 7

SAMPLE NUMBER	ELEMENT UNITS	AU	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr
		PPB	Gr.	PPM	PCT	PPM	PCT	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PCT																	
CS-105191	3	30.05	<.2	36	5	36	1	23	9	<.2	<5	<5	<5	2.05	186	<10	56	33	33	<20	<20	22	1.01	0.65	0.50	0.03	0.22	9	7	<2	12	3	<5	<10	0.09	7
CS-105192	2	31.00	<.2	38	5	41	1	25	11	<.2	<5	<5	<5	2.23	225	<10	83	33	35	<20	<20	28	1.08	0.71	0.56	0.04	0.32	10	7	<2	16	2	<5	<10	0.10	10
CS-105193	4	31.11	<.2	28	4	36	<1	23	10	<.2	<5	<5	<5	1.98	192	<10	69	34	33	<20	<20	22	1.03	0.68	0.46	0.03	0.25	9	6	<2	14	2	<5	<10	0.08	5
CS-105194	8	30.28	<.2	68	4	56	<1	51	19	<.2	<5	<5	<5	3.22	305	<10	140	40	45	<20	<20	24	1.99	1.62	0.64	0.03	0.53	16	10	<2	21	4	<5	<10	0.12	11

CS-105199	6	32.61	<.2	25	4	24	<1	18	8	<.2	<5	<5	<5	1.53	166	<10	46	22	27	<20	<20	21	0.69	0.46	0.58	0.03	0.18	19	6	<2	9	2	<5	<10	0.08	7
CS-105200	2	32.36	<.2	23	3	27	<1	19	8	<.2	<5	<5	<5	1.55	173	<10	56	26	30	<20	<20	24	0.78	0.53	0.57	0.03	0.21	16	7	<2	10	2	<5	<10	0.08	8

23



CLIENT: WMC INTERNATIONAL LIMITED

PROJECT: 4026F25

REPORT: C98-62714.0 ( COMPLETE )

DATE RECEIVED: 09-SEP-98

DATE PRINTED: 24-SEP-98

PAGE 5 OF 7

STANDARD NAME	ELEMENT UNITS	AU PPB	As Gr.	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ge PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
ANALYTICAL BLANK		<1	<.2	<1	<2	<1	<1	<1	<1	<.2	<5	<5	<5	<.01	<1	<10	<1	<1	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<.01	<1	<1	<2	<1	<1	<5	<10	<.01	<1
ANALYTICAL BLANK		<1	<.2	<1	<2	<1	<1	<1	<1	<.2	<5	<5	<5	<.01	<1	<10	<1	<1	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<.01	<1	<1	<2	<1	<1	<5	<10	<.01	<1
ANALYTICAL BLANK		<1	<.2	<1	<2	<1	<1	<1	<1	<.2	<5	<5	<5	<.01	<1	<10	<1	<1	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<.01	<1	<1	<2	<1	<1	<5	<10	<.01	<1
ANALYTICAL BLANK		<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ANALYTICAL BLANK		<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		5	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Mean Value		0.5	-	0.1	0.5	1	0.5	0.5	0.5	0.5	0.1	3	3	3	.005	0.5	5	0.5	0.5	0.5	10	10	0.5	.005	.005	0.005	.005	.005	0.5	0.5	1	0.5	0.5	3	5	.005	0.5
Standard Deviation		-	-	<.1	-	-	-	-	-	-	<.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		1	0.005	0.2	1	2	1	1	1	1	1.0	2	5	5	0.05	1	.01	.01	1	1	.01	.01	.01	<.01	<.01	<.0001	<.01	<.01	.005	.01	.01	.01	.01	.01	.01	<.01	.01
DCP STANDARD		78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DCP STANDARD		87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DCP STANDARD		80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DCP STANDARD		80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DCP STANDARD		83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mean Value		82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Standard Deviation		3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Accepted Value		83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STD GEOCHEM STD 6		-	-	0.2	149	18	130	3	136	35	<.2	<5	148	<5	7.52	1490	<10	6	191	49	<20	<20	2	1.94	2.96	4.08	0.01	0.05	80	4	3	22	5	9	<10	<.01	4
Number of Analyses		-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	-	0.2	149	18	130	3	136	35	0.1	3	148	3	7.52	1490	5	6	191	49	10	10	2	1.94	2.96	4.08	0.01	0.05	80	4	3	22	5	9	5	.005	4
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Accepted Value		-	-	0.2	148	20	148	4	135	35	0.2	1	-	-	7.20	1450	0.2	6	251	50	5	12	-	1.80	2.70	4.00	0.01	0.04	70	3	-	24	-	6	1	.003	5
BCC GEOCHEM STD 4		-	-	0.3	263	29	213	3	40	8	0.8	<5	28	<5	2.63	529	<10	56	66	7	<20	<20	3	0.74	1.20	1.42	0.04	0.13	35	3	<2	5	2	<5	<10	<.01	10
Number of Analyses		-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	-	0.3	263	29	213	3	40	8	0.8	3	28	3	2.63	529	5	56	66	7	10	10	3	0.74	1.20	1.42	0.04	0.13	35	3	1	5	2	3	5	.005	10
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Accepted Value		-	-	0.5	290	33	255	4	42	9	0.8	1	30	1	2.60	600	0.1	55	110	9	1	1	4	0.77	1.34	1.43	0.05	0.14	39	4	2	7	1	12	1	0.01	8



CLIENT: WMC INTERNATIONAL LIMITED

PROJECT: 4026F25

REPORT: C98-62714.0 ( COMPLETE )

DATE RECEIVED: 09-SEP-98

DATE PRINTED: 24-SEP-98 PAGE 6 OF 7

STANDARD NAME	ELEMENT UNITS	AU	Au Wt1 Gr.	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sr PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
CANMET STREAM-SED	-	-	<.2	62	13	74	1	23	10	<.2	<5	12	<5	2.79	1182	<10	913	28	48	<20	<20	13	1.20	0.76	1.28	0.05	0.11	63	11	<2	8	3	<5	<10	0.07	1	
Number of Analyses	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value	-	-	0.1	62	13	74	1	23	10	0.1	3	12	3	2.79	1182	5	913	28	48	10	10	13	1.20	0.76	1.28	0.05	0.11	63	11	1	8	3	3	5	0.07	1	
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Accepted Value	-	-	0.3	66	13	82	2	23	11	0.6	-	11	4	2.60	1200	-	-	30	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	



# Intertek Testing Services

Chimitec Bondar Clegg

## Rapport Lab Geochimie Geochemical Lab Report

CLIENT: WMC INTERNATIONAL LIMITED  
REPORT: C98-62714.0 ( COMPLETE )

PROJECT: 4026F25

DATE RECEIVED: 09-SEP-98 DATE PRINTED: 24-SEP-98 PAGE 7 OF 7

SAMPLE NUMBER	ELEMENT UNITS	AU PPB	Au Wt1 Gr.	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sr PPM	W PPM	Li PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
CS-105105	14	30.49	<.2	41	5	35	1	24	11	<.2	<5	<5	<5	1.80	188	<10	64	29	32	<20	<20	32	0.82	0.54	0.53	0.03	0.20	17	7	<2	12	3	<5	<10	0.09	4	
Duplicate		30.46	<.2	42	5	36	1	24	11	<.2	<5	<5	<5	1.90	194	<10	63	30	33	<20	<20	31	0.87	0.57	0.57	0.03	0.20	18	8	<2	12	3	<5	<10	0.09	4	
CS-105122	17	30.86	<.2	32	4	30	<1	24	9	<.2	<5	<5	<5	1.79	171	<10	65	32	33	<20	<20	29	0.83	0.56	0.53	0.03	0.24	15	7	<2	11	2	<5	<10	0.08	7	
Duplicate			<.2	31	5	31	<1	24	9	<.2	<5	<5	<5	1.87	177	<10	64	31	33	<20	<20	27	0.86	0.58	0.58	0.04	0.24	15	7	<2	10	3	<5	<10	0.09	8	
CS-105127	9	32.12	<.2	47	6	36	1	25	11	<.2	<5	<5	<5	2.15	204	<10	71	35	37	<20	<20	26	1.05	0.69	0.55	0.04	0.25	12	7	<2	14	4	<5	<10	0.09	5	
Duplicate	5	30.55																																			
CS-105142	3	30.94	<.2	34	4	39	<1	28	11	<.2	<5	<5	<5	2.00	200	<10	95	37	37	<20	<20	29	1.04	0.72	0.54	0.04	0.37	16	7	<2	15	3	<5	<10	0.11	8	
Duplicate			<.2	35	4	40	<1	30	11	<.2	<5	<5	<5	2.11	209	<10	98	38	39	<20	<20	30	1.09	0.76	0.56	0.04	0.38	17	7	<2	16	3	<5	<10	0.11	8	
CS-105149	6	32.58	<.2	24	4	25	1	19	8	<.2	<5	<5	<5	1.65	159	<10	60	26	29	<20	<20	29	0.78	0.49	0.55	0.03	0.22	13	7	<2	9	3	<5	<10	0.08	8	
Duplicate	5	30.06																																			
CS-105159	3	30.17	<.2	19	3	21	<1	14	6	<.2	<5	<5	<5	1.22	140	<10	37	21	23	<20	<20	27	0.64	0.39	0.51	0.03	0.13	12	7	<2	7	2	<5	<10	0.07	8	
Duplicate			<.2	19	3	21	<1	13	6	<.2	<5	<5	<5	1.25	141	<10	38	21	24	<20	<20	27	0.65	0.40	0.51	0.03	0.14	11	7	<2	7	2	<5	<10	0.07	8	
CS-105171	1	30.53	<.2	24	4	30	<1	19	8	<.2	<5	<5	<5	1.50	161	<10	55	26	27	<20	<20	27	0.77	0.50	0.52	0.04	0.21	13	7	<2	9	2	<5	<10	0.08	9	
Duplicate	2	30.28																																			
CS-105179	<1	31.91	<.2	33	5	32	1	22	9	<.2	<5	<5	<5	2.00	184	<10	62	33	34	<20	<20	25	1.07	0.61	0.42	0.03	0.21	10	6	<2	13	3	<5	<10	0.09	3	
Duplicate			<.2	32	5	30	1	21	9	<.2	<5	<5	<5	1.91	177	<10	59	31	32	<20	<20	24	1.03	0.58	0.41	0.03	0.20	10	6	<2	13	3	<5	<10	0.09	2	
CS-105193	4	31.11	<.2	28	4	36	<1	23	10	<.2	<5	<5	<5	1.98	192	<10	69	34	33	<20	<20	22	1.03	0.68	0.46	0.03	0.25	9	6	<2	14	2	<5	<10	0.08	5	
Duplicate	2	30.24																																			



REPORT: C99-61885.0 ( COMPLETE )

REFERENCE: -

CLIENT: WESTMINER INTERNATIONAL LIMITED  
PROJECT: XCAMELI

SUBMITTED BY: B. MARVIN  
DATE RECEIVED: 28-JUL-99 DATE PRINTED: 26-AUG-99

DATE APPROVED	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
990826	1 AU Gold	164	1 PPB	FIRE ASSAY	FIRE ASSAY-ICP
990826	2 Au Wt1 Test Weight	164	0.10 Gr.		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
TILL	165	-250	165	DRY, SIEVE - 63 u AS RECEIVED	163 2

REMARKS: IS indicates Insufficient Sample

REPORT COPIES TO: MR ROBERT MARVIN

INVOICE TO: MRS. ANNETTE BURT

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Intertek Testing Services  
Chimitec Bondar Clegg

Rapport Lab Geochimie  
Geochemical Lab Report

CLIENT: WESTMINER INTERNATIONAL LIMITED  
REPORT: C99-61885.0 ( COMPLETE )

PROJECT: XCAWMEI  
DATE RECEIVED: 28-JUL-99 DATE PRINTED: 26-AUG-99 PAGE 1 OF 6

SAMPLE	ELEMENT	AU	AU	WT1
NUMBER	UNITS	PPB		Gr.

UT1121	6	31.08
UT1122	9	31.43
UT1123	22	30.16
UT1124	10	31.42
UT1125	7	30.56
UT1126	10	30.76
UT1127	9	30.71
UT1128	6	32.13
UT1129	40	30.22



Intertek Testing Services  
Chimitec Bondar Clegg

Rapport Lab Geochimie  
Geochemical Lab Report

CLIENT: WESTMINER INTERNATIONAL LIMITED  
REPORT: C99-61885.0 ( COMPLETE )

PROJECT: XCAWMEI  
DATE RECEIVED: 28-JUL-99 DATE PRINTED: 26-AUG-99 PAGE 2 OF 6

SAMPLE NUMBER	ELEMENT UNITS	AU PPB	WT1 Gr.
UT1130		5	30.37
UT1131		4	31.17
UT1132		3	30.78
UT1133		8	30.42
UT1134		3	31.18
UT1135		4	30.35
UT1136		5	30.54
UT1137		3	31.83
UT1138		6	32.61
UT1139		5	30.08
UT1140		7	31.27
UT1141		11	30.43
UT1142		4	30.28
UT1143		2	32.84



Intertek Testing Services  
Chimitec Bondar Clegg

Rapport Lab Geochimie  
Geochemical Lab Report

CLIENT: WESTMINER INTERNATIONAL LIMITED  
REPORT: C99-61885.0 ( COMPLETE )

PROJECT: XCAIMELI  
DATE RECEIVED: 28-JUL-99 DATE PRINTED: 26-AUG-99 PAGE 3 OF 6

SAMPLE NUMBER	ELEMENT UNITS	AU PPB	AU WT1 Gr.
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UT1163	5	31.95	
UT1164	15	30.25	
UT1165	11	31.35	
UT1166	18	31.24	
UT1167	8	30.12	
UT1168	3	31.44	
UT1169	5	32.97	
UT1170	13	31.01	
UT1171	12	30.41	
UT1172	20	31.71	
UT1173	4	30.08	
UT1174	3	30.04	
UT1175	2	31.43	
UT1176	5	30.80	
UT1177	14	30.43	
UT1178	2	32.46	
UT1179	4	31.20	



Intertek Testing Services  
Chimitec Bondar Clegg

Rapport Lab Geochimie  
Geochemical Lab Report

REPORT: C99-61885.1 ( COMPLETE )

REFERENCE: -

CLIENT: WESTMINER INTERNATIONAL LIMITED  
PROJECT: XCAWMEI

SUBMITTED BY: B. MARVIN  
DATE RECEIVED: 11-AUG-99 DATE PRINTED: 26-AUG-99

DATE APPROVED	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD	SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
990826	1 Ag	165	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	TILL	165	-250	165	SAMPLES FROM STORAGE	165
990826	2 Cu	165	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	3 Pb	165	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	4 Zn	165	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	5 Mo	165	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	6 Ni	165	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	7 Co	165	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	8 Cd	165	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	9 Bi	165	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	10 As	165	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	11 Sb	165	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	12 Fe	165	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	13 Mn	165	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	14 Te	165	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	15 Ba	165	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	16 Cr	165	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	17 V	165	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	18 Sn	165	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	19 W	165	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	20 La	165	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	21 Al	165	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	22 Mg	165	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	23 Ca	165	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	24 Na	165	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	25 K	165	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	26 Sr	165	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	27 Y	165	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	28 Ga	165	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	29 Li	165	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	30 Nb	165	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	31 Sc	165	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	32 Ta	165	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	33 Ti	165	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990826	34 Zr	165	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						

REPORT COPIES TO: MR ROBERT MARVIN

INVOICE TO: MRS. ANNETTE BURT

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# Intertek Testing Services

Chimitec Bondar Clegg

## Rapport Lab Geochimie Geochemical Lab Report

CLIENT: WESTMINER INTERNATIONAL LIMITED

PROJECT: XCAMELI

REPORT: C99-61885.1 ( COMPLETE )

DATE RECEIVED: 11-AUG-99

DATE PRINTED: 26-AUG-99

PAGE 1 OF 6

SAMPLE NUMBER	ELEMENT	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr
	UNITS	PPM	PCT	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM																		

UT1121	<.2	25	4	22	1	13	5	<.2	<5	<5	<5	1.80	142	<10	46	26	28	<20	<20	26	0.80	0.45	0.51	.03	0.15	12	6	<2	8	3	<5	<10	.08	4
UT1122	<.2	24	4	24	1	17	7	<.2	<5	<5	<5	1.85	155	<10	49	26	29	<20	<20	27	0.85	0.45	0.57	.04	0.16	13	7	<2	10	3	<5	<10	.09	7
UT1123	<.2	16	3	21	<1	14	5	<.2	<5	<5	<5	1.78	151	<10	40	23	27	<20	<20	24	0.77	0.43	0.54	.03	0.13	11	7	<2	7	2	<5	<10	.08	7
UT1124	<.2	32	3	35	1	23	8	<.2	<5	<5	<5	2.27	190	<10	65	37	36	<20	<20	31	1.12	0.69	0.57	.04	0.25	14	8	3	12	2	<5	<10	.09	10
UT1125	<.2	22	3	26	1	15	6	<.2	<5	<5	<5	1.91	162	<10	45	29	30	<20	<20	25	0.88	0.54	0.55	.03	0.16	12	6	2	9	3	<5	<10	.08	8
UT1126	<.2	53	6	46	1	36	11	<.2	<5	<5	<5	2.37	205	<10	93	40	43	<20	<20	42	1.36	0.77	0.60	.04	0.34	16	9	4	18	3	<5	<10	.11	11
UT1127	<.2	33	5	27	1	17	6	<.2	<5	<5	<5	1.95	156	<10	57	29	31	<20	<20	30	0.95	0.50	0.52	.04	0.18	12	8	2	11	3	<5	<10	.08	4
UT1128	<.2	23	4	23	<1	14	6	<.2	<5	<5	<5	1.76	150	<10	46	25	29	<20	<20	28	0.80	0.47	0.54	.03	0.17	13	7	<2	8	3	<5	<10	.07	7
UT1129	<.2	20	4	22	<1	16	6	<.2	<5	<5	<5	1.78	147	<10	50	26	30	<20	<20	25	0.84	0.48	0.51	.04	0.16	12	6	<2	9	2	<5	<10	.08	5



# Intertek Testing Services

Chimitec Bondar Clegg

## Rapport Lab Geochimie Geochemical Lab Report

CLIENT: WESTMINER INTERNATIONAL LIMITED

PROJECT: XCAWMEI

REPORT: C99-61885.1 ( COMPLETE )

DATE RECEIVED: 11-AUG-99

DATE PRINTED: 26-AUG-99

PAGE 2 OF 6

SAMPLE NUMBER	ELEMENT UNITS	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr
		PPM	PPM	PCT	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PCT	PPM																						
UT1130	<.2	21	5	22	<1	14	5	<.2	<5	<5	<5	1.57	139	<10	43	23	27	<20	<20	28	0.78	0.44	0.52	.03	0.13	12	6	<2	9	2	<5	<10	.07	5	
UT1131	<.2	30	5	40	1	26	9	<.2	<5	6	<5	2.43	201	<10	86	44	41	<20	<20	27	1.29	0.78	0.50	.04	0.33	14	7	3	16	3	<5	<10	.10	6	
UT1132	<.2	22	4	26	1	17	6	<.2	<5	<5	<5	1.84	162	<10	49	28	31	<20	<20	27	0.90	0.52	0.54	.03	0.17	12	7	2	12	3	<5	<10	.08	6	
UT1133	<.2	15	3	19	<1	11	5	<.2	<5	<5	<5	1.54	133	<10	35	20	26	<20	<20	22	0.67	0.38	0.50	.03	0.11	10	6	<2	6	2	<5	<10	.07	7	
UT1134	<.2	27	5	22	1	14	6	<.2	<5	<5	<5	1.79	147	<10	45	24	30	<20	<20	26	0.81	0.45	0.53	.04	0.16	12	6	<2	8	3	<5	<10	.08	7	
UT1135	<.2	41	4	30	1	18	7	<.2	<5	<5	<5	2.10	160	<10	60	31	34	<20	<20	27	1.13	0.56	0.49	.04	0.19	13	6	3	12	3	<5	<10	.09	3	
UT1136	<.2	21	5	26	<1	15	5	<.2	<5	<5	<5	1.25	129	<10	54	27	28	<20	<20	23	0.90	0.48	0.43	.03	0.17	8	5	3	11	3	<5	<10	.07	6	
UT1137	<.2	27	4	27	1	19	7	<.2	<5	<5	<5	1.90	146	<10	62	27	29	<20	<20	23	0.92	0.51	0.45	.03	0.19	9	6	<2	11	2	<5	<10	.07	6	
UT1138	<.2	21	6	33	<1	16	7	<.2	<5	<5	<5	1.89	185	<10	49	23	26	<20	<20	32	0.96	0.51	0.53	.03	0.23	10	9	3	13	2	<5	<10	.08	9	
UT1139	<.2	23	4	23	<1	14	5	<.2	<5	<5	<5	1.70	133	<10	45	24	25	<20	<20	19	0.76	0.44	0.45	.03	0.16	9	5	<2	9	2	<5	<10	.06	7	
UT1140	<.2	27	5	24	<1	14	6	<.2	<5	<5	<5	1.68	135	<10	46	25	26	<20	<20	21	0.81	0.46	0.44	.03	0.16	9	5	<2	10	2	<5	<10	.07	5	
UT1141	<.2	26	3	30	1	19	7	<.2	<5	<5	<5	2.03	167	<10	59	32	32	<20	<20	22	1.03	0.62	0.50	.03	0.22	12	6	3	12	3	<5	<10	.08	5	
UT1142	<.2	14	6	19	<1	11	4	<.2	<5	<5	<5	1.10	108	<10	30	17	22	<20	<20	24	0.64	0.34	0.47	.02	0.12	8	6	<2	8	2	<5	<10	.06	6	
UT1143	<.2	42	6	35	2	24	9	<.2	<5	<5	<5	2.28	193	<10	70	34	34	<20	<20	30	1.21	0.65	0.50	.03	0.26	12	7	3	14	3	<5	<10	.09	5	



Intertek Testing Services  
Chimitec Bondar Clegg

Rapport Lab Geochimie  
Geochemical Lab Report

CLIENT: WESTMINER INTERNATIONAL LIMITED  
REPORT: C99-61885.1 ( COMPLETE )

PROJECT: XCAWMEI  
DATE RECEIVED: 11-AUG-99 DATE PRINTED: 26-AUG-99 PAGE 3 OF 6

SAMPLE NUMBER	ELEMENT UNITS	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Hg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr
		PPM	PCT	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM																		
UT1163	<.2	32	5	26	1	22	8	<.2	<.5	<.5	<.5	1.91	159	<10	53	27	31	<20	<20	30	0.87	0.49	0.54	.03	0.17	12	7	2	9	3	<.5	<10	.08	6	
UT1164	<.2	23	5	21	<1	17	7	<.2	<.5	<.5	<.5	1.56	134	<10	41	21	26	<20	<20	25	0.67	0.39	0.52	.03	0.12	11	6	<.2	7	2	<.5	<10	.07	6	
UT1165	<.2	26	5	27	1	21	7	<.2	<.5	5	<.5	1.80	150	<10	62	30	31	<20	<20	25	0.90	0.51	0.50	.03	0.19	13	6	<.2	9	2	<.5	<10	.08	7	
UT1166	<.2	62	5	53	2	44	16	<.2	<.5	9	<.5	2.79	230	<10	97	51	46	<20	<20	48	1.52	0.88	0.53	.04	0.42	16	9	4	18	4	<.5	<10	.11	10	
UT1167	<.2	27	5	29	1	21	7	<.2	<.5	<.5	<.5	1.94	159	<10	72	30	33	<20	<20	25	1.00	0.58	0.51	.03	0.22	12	6	2	11	3	<.5	<10	.08	7	
UT1168	<.2	15	5	18	<1	13	5	<.2	<.5	<.5	<.5	1.40	125	<10	40	19	25	<20	<20	23	0.63	0.37	0.51	.03	0.12	11	6	<.2	6	2	<.5	<10	.07	6	
UT1169	<.2	23	4	28	1	19	7	<.2	<.5	<.5	<.5	1.79	147	<10	51	28	30	<20	<20	25	0.85	0.51	0.49	.03	0.18	11	6	2	10	2	<.5	<10	.07	7	
UT1170	<.2	15	5	25	<1	15	6	<.2	<.5	<.5	<.5	1.72	143	<10	43	26	29	<20	<20	28	0.81	0.50	0.49	.03	0.16	10	6	<.2	9	2	<.5	<10	.07	6	
UT1171	<.2	16	4	27	<1	17	6	<.2	<.5	<.5	<.5	1.75	141	<10	48	29	29	<20	<20	26	0.85	0.52	0.46	.03	0.18	10	6	<.2	10	3	<.5	<10	.07	6	
UT1172	<.2	17	6	22	<1	16	7	<.2	<.5	<.5	<.5	1.47	165	<10	44	22	25	<20	<20	21	0.68	0.36	0.52	.03	0.14	16	7	<.2	7	2	<.5	<10	.07	9	
UT1173	<.2	25	6	30	<1	21	9	<.2	<.5	<.5	<.5	1.78	201	<10	65	28	32	<20	<20	24	0.90	0.48	0.54	.03	0.19	16	8	2	10	2	<.5	<10	.08	10	
UT1174	<.2	21	6	25	<1	18	8	<.2	<.5	<.5	<.5	1.71	192	<10	54	24	29	<20	<20	24	0.81	0.43	0.58	.03	0.17	18	8	2	9	2	<.5	<10	.08	10	
UT1175	<.2	16	6	21	<1	15	8	<.2	<.5	<.5	<.5	1.45	165	<10	42	21	25	<20	<20	22	0.65	0.35	0.55	.03	0.13	14	7	<.2	7	2	<.5	<10	.07	9	
UT1176	<.2	17	7	22	<1	16	8	<.2	<.5	<.5	<.5	1.54	176	<10	45	22	26	<20	<20	22	0.70	0.38	0.56	.03	0.14	16	7	<.2	7	2	<.5	<10	.07	9	
UT1177	<.2	19	7	25	<1	17	8	<.2	<.5	<.5	<.5	1.59	181	<10	50	24	28	<20	<20	23	0.74	0.40	0.54	.03	0.15	15	7	<.2	8	2	<.5	<10	.07	9	
UT1178	<.2	20	7	24	<1	18	8	<.2	<.5	<.5	<.5	1.60	179	<10	51	23	27	<20	<20	22	0.75	0.40	0.54	.03	0.16	16	7	<.2	8	2	<.5	<10	.07	9	
UT1179	<.2	16	6	20	<1	15	7	<.2	<.5	<.5	<.5	1.40	157	<10	39	20	24	<20	<20	20	0.61	0.33	0.52	.02	0.13	14	6	<.2	6	2	<.5	<10	.06	8	



**Intertek Testing Services**  
Chimitec Bondar Clegg

**Rapport Lab Geochimie**  
**Geochemical Lab Report**

REPORT: C98-61514.0 ( COMPLETE )

REFERENCE:

CLIENT: WMC INTERNATIONAL LIMITED

SUBMITTED BY: TERRY GOODWIN

PROJECT: 4060F25-EXD1V

DATE RECEIVED: 25-JUN-98 DATE PRINTED: 8-JUL-98

DATE APPROVED	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD	SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
980706	1 Au Gold	98	1 PPM	FIRE ASSAY	FIRE ASSAY-ICP	TILL	98	-250	98	DRY, SIEVE - 63 u	98
980706	2 Ag Silver	98	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	REPORT COPIES TO: 22 GURDWANA RD.		INVOICE TO: 22 GURDWANA RD.			
980706	3 Cu Copper	98	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	MR. TERRY GOODWIN		MR. TERRY GOODWIN			
980706	4 Pb Lead	98	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	MR. TERRY GOODWIN		MR. TERRY GOODWIN			
980706	5 Zn Zinc	98	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	MR. TERRY GOODWIN		MR. TERRY GOODWIN			
980706	6 Mo Molybdenum	98	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	MR. TERRY GOODWIN		MR. TERRY GOODWIN			
980706	7 Ni Nickel	98	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	*****					
980706	8 Co Cobalt	98	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	This report must not be reproduced except in full. The data presented in this					
980706	9 Cd Cadmium	98	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	report is specific to those samples identified under "Sample Number" and is					
980706	10 Bi Bismuth	98	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	applicable only to the samples as received expressed on a dry basis unless					
980706	11 As Arsenic	98	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	otherwise indicated					
980706	12 Sb Antimony	98	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	*****					
980706	13 Fe Iron	98	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980706	14 Mn Manganese	98	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980706	15 Te Tellurium	98	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980706	16 Ba Barium	98	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980706	17 Cr Chromium	98	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980706	18 V Vanadium	98	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980706	19 Sn Tin	98	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980706	20 W Tungsten	98	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980706	21 La Lanthanum	98	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980706	22 Al Aluminum	98	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980706	23 Mg Magnesium	98	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980706	24 Ca Calcium	98	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980706	25 Na Sodium	98	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980706	26 K Potassium	98	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980706	27 Sr Strontium	98	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980706	28 Y Yttrium	98	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980706	29 Ga Gallium	98	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980706	30 Li Lithium	98	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980706	31 Nb Niobium	98	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980706	32 Sc Scandium	98	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980706	33 Ta Tantalum	98	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980706	34 Ti Titanium	98	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
980706	35 Zr Zirconium	98	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						



Intertek Testing Services  
Chimitec Bondar Clegg

Rapport Lab Geochimie  
Geochemical Lab Report

CLIENT: WMC INTERNATIONAL LIMITED

PROJECT: 4060F25-EXD1V

REPORT: 098-61514.0 ( COMPLETE )

DATE RECEIVED: 25-JUN-98

DATE PRINTED: 8-JUL-98 PAGE 1 OF 7

SAMPLE NUMBER	ELEMENT	AU	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe	Mn	Te	Se	Cr	V	Sn	U	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr
	UNITS	PPB	PPM	PCT	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM																		

CS-105025	2	<.2	25	5	37	<1	20	6	<.2	<5	<5	<5	2.01	194	<10	58	30	32	<20	<20	22	0.99	0.62	0.51	0.04	0.21	12	7	3	13	<1	<5	<10	0.09	8
CS-105026	3	<.2	24	6	36	<1	21	7	<.2	<5	<5	<5	1.96	187	<10	48	28	32	<20	<20	25	0.92	0.59	0.53	0.04	0.22	12	7	3	14	<1	<5	<10	0.08	8
CS-105027	5	<.2	56	5	49	2	32	10	<.2	<5	<5	<5	2.32	220	<10	65	38	36	<20	<20	29	1.17	0.75	0.52	0.04	0.29	13	7	4	16	<1	<5	<10	0.09	9
CS-105028	3	<.2	44	6	46	<1	26	9	<.2	<5	<5	<5	2.15	237	<10	80	35	39	<20	<20	28	1.15	0.74	0.61	0.04	0.31	14	9	4	16	<1	<5	<10	0.10	9



Intertek Testing Services  
Chimitec Bondar Clegg

Rapport Lab Geochimie  
Geochemical Lab Report

CLIENT: WMC INTERNATIONAL LIMITED  
REPORT: C98-61514.0 ( COMPLETE )

DATE RECEIVED: 25-JUN-98 DATE PRINTED: 8-JUL-98 PAGE 2 OF 7

PROJECT: 4060F25-EXD1V

SAMPLE NUMBER	ELEMENT UNITS	AU PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Sa PPM	Cr PPM	V PPM	Sn PPM	U PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Tl PCT	Zr PPM
CS-105040		10	<.2	27	6	38	<1	25	9	<.2	<5	<5	<5	2.14	201	<10	53	33	35	<20	<20	28	1.02	0.64	0.51	0.03	0.19	12	7	3	14	<1	<5	<10	0.09	5
CS-105041		5	<.2	24	5	31	<1	18	5	<.2	<5	<5	<5	1.75	182	<10	38	25	29	<20	<20	28	0.78	0.51	0.63	0.03	0.17	16	9	3	9	<1	<5	<10	0.08	7
CS-105042		5	<.2	48	6	54	1	33	8	<.2	<5	6	<5	2.64	283	<10	106	43	48	<20	<20	41	1.33	0.89	0.64	0.06	0.50	24	9	5	22	<1	<5	<10	0.14	10
CS-105043		5	<.2	45	6	52	1	35	10	<.2	<5	<5	<5	2.48	237	<10	86	44	42	<20	<20	30	1.28	0.85	0.90	0.04	0.36	14	8	4	19	<1	<5	<10	0.10	11
CS-105044		3	<.2	37	5	37	<1	27	8	<.2	<5	<5	<5	2.00	201	<10	57	32	35	<20	<20	25	0.95	0.63	0.54	0.03	0.25	16	8	3	13	<1	<5	<10	0.09	8
CS-105045		10	<.2	21	6	31	<1	19	6	<.2	<5	<5	<5	1.72	178	<10	56	25	32	<20	<20	25	0.83	0.53	0.54	0.04	0.20	15	7	3	12	<1	<5	<10	0.09	6
CS-105046		4	<.2	37	5	29	<1	22	7	<.2	<5	<5	<5	1.71	174	<10	38	23	30	<20	<20	27	0.75	0.47	0.99	0.03	0.17	17	8	2	10	<1	<5	<10	0.08	7
CS-105047		3	<.2	48	6	37	1	26	7	<.2	<5	<5	<5	1.83	164	<10	64	27	33	<20	<20	28	0.90	0.56	0.53	0.04	0.25	17	7	3	13	<1	<5	<10	0.09	6
CS-105048		5	<.2	96	7	61	1	58	11	<.2	<5	<5	<5	2.79	250	<10	120	49	46	<20	<20	32	1.46	0.91	0.53	0.04	0.48	17	8	4	22	<1	<5	<10	0.11	12



Intertek Testing Services  
Chimitec Bondar Clegg

Rapport Lab Geochimie  
Geochemical Lab Report

CLIENT: WMC INTERNATIONAL LIMITED  
REPORT: C98-61514.0 ( COMPLETE )

DATE RECEIVED: 25-JUN-98 DATE PRINTED: 8-JUL-98 PAGE 3 OF 7

PROJECT: 4060F25-EXDIV

SAMPLE NUMBER	ELEMENT	AU	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe	Mn	Te	Se	Cr	V	Sn	U	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Tl	Zr
	UNITS	PPB	PPM	PCT	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PPM																	

CS-105083	19	<.2	21	4	44	<1	22	6	<.2	<5	<5	<5	<5	2.07	228	<10	81	34	40	<20	<20	32	1.07	0.74	0.59	0.05	0.33	19	8	4	17	<1	<5	<10	0.12	8
CS-105084	33	<.2	39	7	39	<1	29	12	<.2	<5	<5	<5	<5	2.14	243	<10	72	29	35	<20	<20	31	0.95	0.62	0.54	0.04	0.25	19	7	3	14	<1	<5	<10	0.09	6
CS-105085	3	<.2	45	5	44	<1	30	8	<.2	<5	<5	<5	<5	2.08	207	<10	82	33	38	<20	<20	29	1.08	0.69	0.62	0.04	0.30	22	8	3	15	<1	<5	<10	0.10	8
CS-105086	3	<.2	26	5	25	<1	18	6	<.2	<5	<5	<5	<5	1.42	156	<10	43	19	25	<20	<20	25	0.67	0.41	0.55	0.08	0.16	15	7	2	9	<1	<5	<10	0.07	6
CS-105087	16	<.2	32	7	29	<1	21	9	<.2	<5	<5	<5	<5	1.68	177	<10	36	21	29	<20	<20	25	0.72	0.46	0.63	0.04	0.15	22	7	2	10	<1	<5	<10	0.09	7
CS-105089	<1	<.2	57	5	44	<1	36	11	<.2	<5	<5	<5	<5	2.27	236	<10	74	35	38	<20	<20	32	1.04	0.71	0.59	0.04	0.27	20	8	3	16	<1	<5	<10	0.11	5
CS-105090	4	<.2	93	7	52	<1	41	12	<.2	<5	5	<5	<5	2.34	239	<10	77	35	39	<20	<20	41	1.11	0.69	0.58	0.04	0.25	22	9	3	17	<1	<5	<10	0.11	3



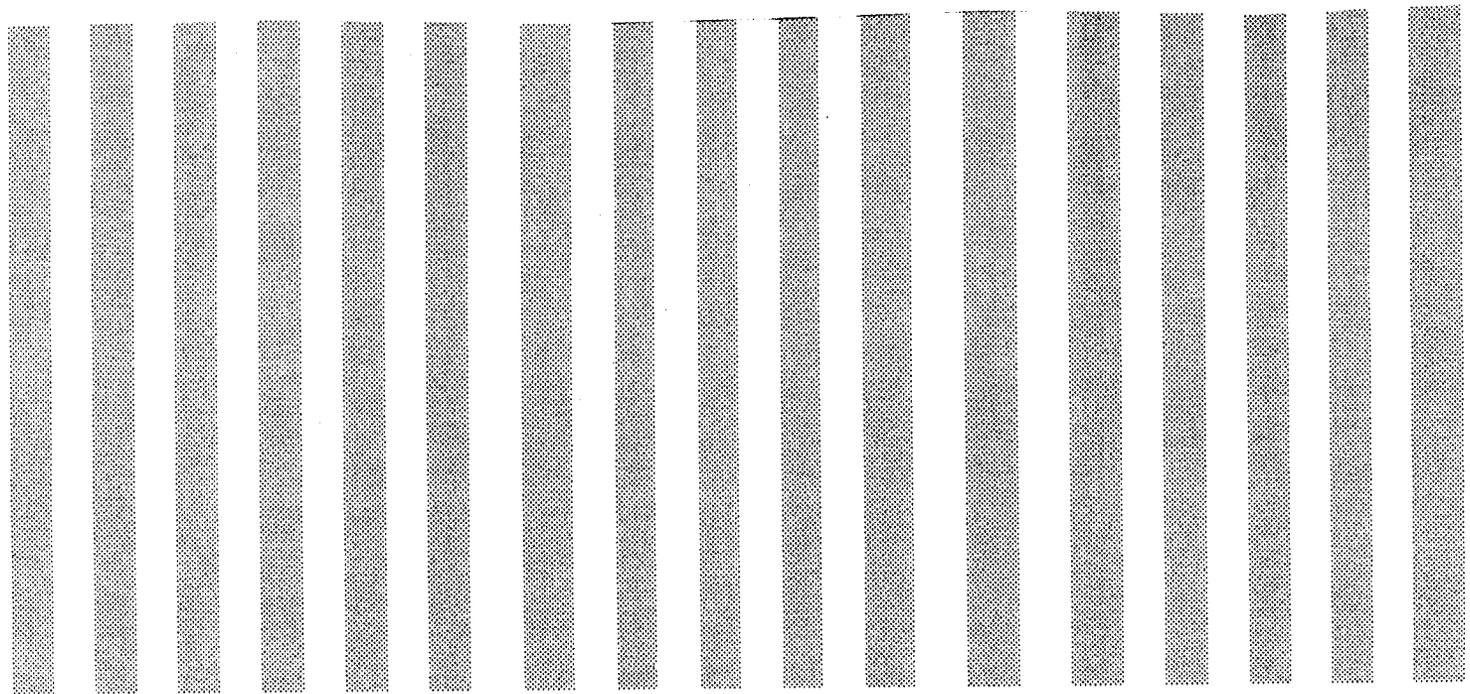
Intertek Testing Services  
Chimitec Bondar Clegg

Rapport Lab Geochimie  
Geochemical Lab Report

CLIENT: MMC INTERNATIONAL LIMITED  
REPORT: C98-61514.0 ( COMPLETE )

PROJECT: 4060F25-EXD1V  
DATE RECEIVED: 25-JUN-98 DATE PRINTED: 8-JUL-98 PAGE 4 OF 7

SAMPLE NUMBER	ELEMENT	AU	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe	Mn	Te	Ba	Cr	V	Sn	U	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Tl	Zr
	UNITS	PPB	PPM	PCT	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM																	
CS-105091		2	<.2	21	6	43	<1	25	7	<.2	<5	<5	<5	1.87	230	<10	68	28	35	<20	<20	31	0.98	0.64	0.62	0.05	0.31	21	7	3	15	<1	<5	<10	0.11	8
CS-105092		7	<.2	24	6	25	<1	18	8	<.2	<5	<5	<5	1.50	167	<10	89	17	26	<20	<20	29	0.61	0.37	0.63	0.03	0.12	21	8	<2	7	<1	<5	<10	0.08	7
CS-105093		3	<.2	43	6	36	<1	26	8	<.2	<5	<5	<5	1.84	187	<10	51	25	32	<20	<20	27	0.86	0.52	0.56	0.04	0.19	20	7	2	12	<1	<5	<10	0.09	3





Intertek Testing Services  
Chimitec Bondar Clegg

Rapport Lab Geochimie  
Geochemical Lab Report

REPORT: 097-40502.0 ( COMPLETE )

REFERENCE: -

CLIENT: WMC INTERNATIONAL  
PROJECT: 4058

SUBMITTED BY: M.ROY

DATE PRINTED: 4-SEP-97

ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD	
1 Au	GOLD FIRE ASSAY	98	1 PPB	FIRE ASSAY	FIRE ASSAY-DCP
2 Ag	Silver	99	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3 Cu	Copper	99	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4 Pb	Lead	99	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5 Zn	Zinc	99	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6 Mo	Molybdenum	99	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7 Ni	Nickel	99	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8 Co	Cobalt	99	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9 Cd	Cadmium	99	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10 Bi	Bismuth	99	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11 As	Arsenic	99	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12 Sb	Antimony	99	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13 Fe	Iron	99	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14 Mn	Manganese	99	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15 Te	Tellurium	99	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16 Ba	Barium	99	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17 Cr	Chromium	99	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18 V	Vanadium	99	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19 Sn	Tin	99	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
20 W	Tungsten	99	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21 Hg	Mercury	99	0.010 PPM	HCL:HNO3 (3:1)	COLD VAPOR AA
22 La	Lanthanum	99	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23 Al	Aluminum	99	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
24 Mg	Magnesium	99	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25 Ca	Calcium	99	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26 Na	Sodium	99	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27 K	Potassium	99	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28 Sr	Strontium	99	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
29 Y	Yttrium	99	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
30 Ga	Gallium	99	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
31 Li	Lithium	99	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
32 Nb	Niobium	99	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
33 Sc	Scandium	99	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
34 Ta	Tantalum	99	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
35 Ti	Titanium	99	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
36 Zr	Zirconium	99	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
TILL	99	-250	99	DRY, SIEVE - 63 u	63

REMARKS: IS indicates Insufficient Sample

REPORT COPIES TO: MR. TERRY GOODWIN  
MS. DIANA CAMPBELL  
MRS ANNE COLLINS

INVOICE TO: MS. DIANA CAMPBELL

*pes*



Intertek Testing Services  
Chimitec Bondar Clegg

Rapport Lab Geochimie  
Geochemical Lab Report

CLIENT: WMC INTERNATIONAL  
REPORT: 097-40502.0 ( COMPLETE )

PROJECT: 4058  
DATE PRINTED: 4-SEP-97 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	AU PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	Hg PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
CS-401513		5 <.2	34	6	27	1	22	7	<.2	<.5	<.5	<.5	1.68	171	<10	48	25	30	<20	<20	<.010	25	0.80	0.46	0.56	0.04	0.17	18	7	<2	9	2	<5	<10	0.09	8	
CS-401514		3 <.2	30	5	33	1	22	7	<.2	<.5	<.5	<.5	1.80	182	<10	65	32	32	<20	<20	<.010	27	0.98	0.60	0.49	0.03	0.23	12	7	<2	13	2	<5	<10	0.09	9	
CS-401515		10 <.2	47	6	32	1	31	10	<.2	<.5	<.5	<.5	2.02	198	<10	68	34	36	<20	<20	<.010	32	0.97	0.59	0.55	0.04	0.24	16	8	<2	13	1	<5	<10	0.10	9	
CS-401516		3 <.2	29	5	34	<1	28	11	<.2	<.5	<.5	<.5	2.17	195	<10	53	37	35	<20	<20	<.010	24	1.03	0.65	0.47	0.03	0.22	11	6	<2	14	3	<5	<10	0.09	8	
CS-401517		5 <.2	22	5	26	1	16	5	<.2	<.5	<.5	<.5	1.62	157	<10	56	24	29	<20	<20	<.010	29	0.78	0.42	0.54	0.04	0.19	14	7	<2	9	2	<5	<10	0.09	9	
CS-401518		4 <.2	25	6	33	1	20	6	<.2	<.5	<.5	<.5	1.98	179	<10	60	31	35	<20	<20	0.017	28	0.98	0.51	0.54	0.05	0.22	14	7	<2	11	3	<5	<10	0.10	7	
CS-401519		2 <.2	34	5	33	1	29	10	<.2	<.5	<.5	<.5	2.06	193	<10	66	32	34	<20	<20	0.014	30	1.06	0.56	0.53	0.04	0.22	13	7	<2	12	2	<5	<10	0.10	9	
CS-401520		2 <.2	24	6	30	1	18	6	<.2	<.5	<.5	<.5	1.77	174	<10	55	26	33	<20	<20	0.013	30	0.84	0.45	0.52	0.04	0.19	13	7	<2	10	2	<5	<10	0.09	6	
CS-401521		6 <.2	36	6	38	1	41	11	<.2	<.5	<.5	<.5	2.04	190	<10	69	34	34	<20	<20	0.010	29	1.04	0.58	0.49	0.04	0.24	12	8	<2	13	2	<5	<10	0.09	10	
CS-401522		3 <.2	67	5	53	2	35	13	<.2	<.5	<.5	<.5	2.75	232	<10	123	58	48	<20	<20	<.010	46	1.53	0.90	0.42	0.03	0.42	12	8	<2	20	3	5	<10	0.12	12	
CS-401523		2 <.2	42	5	42	1	31	8	<.2	<.5	<.5	<.5	2.14	210	<10	89	36	39	<20	<20	<.010	34	1.12	0.69	0.52	0.04	0.35	16	7	<2	15	2	<5	<10	0.11	8	
CS-401524		2 <.2	18	6	22	1	14	6	<.2	<.5	<.5	<.5	1.54	141	<10	38	21	25	<20	<20	0.011	23	0.71	0.37	0.48	0.04	0.14	12	6	<2	8	2	<5	<10	0.08	6	
CS-401525		3 <.2	28	4	37	1	23	8	<.2	<.5	<.5	<.5	2.01	197	<10	91	36	38	<20	<20	<.010	30	1.08	0.65	0.53	0.04	0.33	16	7	<2	15	2	<5	<10	0.11	9	
CS-401526		3 <.2	29	5	27	1	18	6	<.2	<.5	<.5	<.5	1.63	150	<10	54	26	29	<20	<20	<.010	31	0.75	0.44	0.52	0.04	0.19	14	7	<2	9	2	<5	<10	0.08	8	
CS-401527		5 <.2	27	5	30	<1	21	7	<.2	<.5	<.5	<.5	1.70	187	<10	59	26	30	<20	<20	<.010	30	0.83	0.49	0.58	0.04	0.22	15	8	<2	10	<1	<5	<10	0.09	8	
CS-401528		27 <.2	28	5	33	1	21	6	<.2	<.5	<.5	<.5	1.77	175	<10	69	30	32	<20	<20	0.010	29	0.89	0.53	0.52	0.04	0.26	14	7	<2	11	1	<5	<10	0.09	8	
CS-401529		11 <.2	47	6	35	1	28	9	<.2	<.5	<.5	<.5	2.08	200	<10	73	33	36	<20	<20	<.010	32	0.99	0.59	0.58	0.04	0.28	17	8	<2	12	2	<5	<10	0.10	10	
CS-401530		4 <.2	27	5	31	<1	22	9	<.2	<.5	<.5	<.5	1.79	170	<10	59	29	32	<20	<20	<.010	30	0.84	0.51	0.50	0.04	0.24	14	7	<2	12	1	<5	<10	0.09	7	
CS-401531		30 <.2	21	5	27	<1	15	6	<.2	<.5	<.5	<.5	1.47	162	<10	54	22	29	<20	<20	<.010	26	0.76	0.44	0.55	0.04	0.18	19	7	<2	9	2	<5	<10	0.09	7	
CS-401532		3 <.2	23	6	23	1	16	6	<.2	<.5	<.5	<.5	1.59	146	<10	37	20	27	<20	<20	0.011	29	0.65	0.39	0.55	0.04	0.16	15	7	<2	8	2	<5	<10	0.08	7	
CS-401533		8 <.2	27	4	30	1	19	7	<.2	<.5	<.5	<.5	1.69	173	<10	44	29	29	<20	<20	<.010	27	0.84	0.54	0.57	0.03	0.14	17	7	<2	10	2	<5	<10	0.09	7	
CS-401534		2 <.2	23	5	26	<1	18	7	<.2	<.5	<.5	<.5	1.68	177	<10	50	26	30	<20	<20	<.010	27	0.75	0.47	0.60	0.04	0.17	18	7	<2	9	3	<5	<10	0.09	8	
CS-401536		1 <.2	23	4	37	1	22	8	<.2	<.5	<.5	<.5	2.09	198	<10	63	34	34	<20	<20	0.011	21	1.10	0.63	0.46	0.03	0.23	11	6	<2	14	2	<5	<10	0.09	9	
CS-401537		4 <.2	35	5	32	1	21	7	<.2	<.5	<.5	<.5	2.05	172	<10	58	33	34	<20	<20	0.010	26	1.06	0.56	0.45	0.04	0.20	11	6	<2	13	2	<5	<10	0.09	4	
CS-401538		5 <.2	16	4	22	<1	14	4	<.2	<.5	<.5	<.5	1.68	140	<10	44	23	27	<20	<20	0.013	24	0.77	0.41	0.45	0.03	0.15	11	6	<2	9	2	<5	<10	0.08	6	
CS-401539		8 <.2	30	4	28	1	23	8	<.2	<.5	<.5	<.5	1.84	163	<10	54	26	31	<20	<20	<.010	30	0.84	0.47	0.48	0.03	0.16	12	7	<2	11	<1	<5	<10	0.08	11	
CS-401540		5 <.2	27	6	29	1	17	5	<.2	<.5	<.5	<.5	2.14	145	<10	54	30	33	<20	<20	0.011	22	0.96	0.51	0.38	0.03	0.20	10	5	<2	10	3	<5	<10	0.09	5	



Intertek Testing Services  
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Rapport Lab Geochimie  
Geochemical Lab Report

CLIENT: WMC INTERNATIONAL  
REPORT: 097-40502.0 ( COMPLETE )

PROJECT: 4058  
DATE PRINTED: 4-SEP-97 PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	AU	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe	Mn	Te	Ba	Cr	V	Sn	W	Hg	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr
		PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	
CS-401541		4 <.2	23	4	25	1	14	4 <.2	<5	<5	<5	1.78	153	<10	47	25	28	<20	<20	<.010	26	0.80	0.43	0.46	0.03	0.16	11	6	<2	10	2	<5	<10	0.08	10		
CS-401542		2 <.2	29	5	28	1	17	6 <.2	<5	<5	<5	1.69	145	<10	59	28	29	<20	<20	0.015	26	0.88	0.44	0.43	0.04	0.19	11	6	<2	10	3	<5	<10	0.08	4		
CS-401543		1 <.2	15	3	18	<1	12	4 <.2	<5	<5	<5	1.34	117	<10	35	19	25	<20	<20	<.010	23	0.58	0.33	0.43	0.03	0.11	10	6	<2	6	2	<5	<10	0.07	7		
CS-401544		2 <.2	23	4	20	1	13	4 <.2	<5	<5	<5	1.52	134	<10	46	23	27	<20	<20	0.013	26	0.72	0.38	0.45	0.03	0.15	12	6	<2	8	2	<5	<10	0.08	7		
CS-401545		2 <.2	29	5	20	1	14	4 <.2	<5	<5	<5	1.51	123	<10	46	22	27	<20	<20	0.012	28	0.70	0.36	0.43	0.04	0.14	12	6	<2	8	3	<5	<10	0.08	5		
CS-401546		1 <.2	19	3	21	<1	18	5 <.2	<5	<5	<5	1.38	130	<10	44	20	25	<20	<20	<.010	24	0.61	0.35	0.48	0.04	0.15	13	6	<2	7	1	<5	<10	0.07	8		
CS-401547		2 <.2	31	4	23	1	18	7 <.2	<5	<5	<5	1.47	149	<10	39	20	26	<20	<20	<.010	33	0.69	0.35	0.51	0.04	0.15	13	7	<2	7	2	<5	<10	0.08	9		
CS-401548		2 <.2	16	3	20	<1	16	6 <.2	<5	<5	<5	1.42	141	<10	34	20	26	<20	<20	<.010	26	0.68	0.36	0.48	0.04	0.13	12	6	<2	7	2	<5	<10	0.08	6		

MB



Intertek Testing Services  
Chimitec Bondar Clegg

Rapport Lab Geochimie  
Geochemical Lab Report

REPORT: 097-40514.0 ( COMPLETE )

REFERENCE: -

CLIENT: WMC INTERNATIONAL

SUBMITTED BY: M. ROY

PROJECT: 4058

DATE PRINTED: 2-SEP-97

ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD	SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
1 AU	GOLD FIRE ASSAY	65	1 PPB	FIRE ASSAY	FIRE ASSAY-DCP					
2 Ag	Silver	66	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
3 Cu	Copper	66	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
4 Pb	Lead	66	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
5 Zn	Zinc	66	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
6 Mo	Molybdenum	66	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
7 Ni	Nickel	66	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
8 Co	Cobalt	66	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
9 Cd	Cadmium	66	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
10 Bi	Bismuth	66	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
11 As	Arsenic	66	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
12 Sb	Antimony	66	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
13 Fe	Iron	66	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
14 Mn	Manganese	66	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
15 Te	Tellurium	66	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
16 Ba	Barium	66	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
17 Cr	Chromium	66	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
18 V	Vanadium	66	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
19 Sn	Tin	66	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
20 W	Tungsten	66	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
21 Hg	Mercury	66	0.010 PPM	HCL:HNO3 (3:1)	COLD VAPOR AA					
22 La	Lanthanum	66	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
23 Al	Aluminum	66	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
24 Mg	Magnesium	66	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
25 Ca	Calcium	66	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
26 Na	Sodium	66	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
27 K	Potassium	66	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
28 Sr	Strontium	66	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
29 Y	Yttrium	66	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
30 Ga	Gallium	66	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
31 Li	Lithium	66	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
32 Nb	Niobium	66	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
33 Sc	Scandium	66	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
34 Ta	Tantalum	66	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
35 Ti	Titanium	66	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
36 Zr	Zirconium	66	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
TILL	66	-250	66	DRY, SIEVE - 63 u CUSTOM PREP	66 28

REMARKS: IS indicates Insufficient Sample

REPORT COPIES TO: MS. DIANA CAMPBELL  
TERRY GOODWIN  
MRS ANNE COLLINS

INVOICE TO: MS. DIANA CAMPBELL

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Intertek Testing Services  
Chimitec Bondar Clegg

Rapport Lab Geochimie  
Geochemical Lab Report

CLIENT: WMC INTERNATIONAL  
REPORT: 097-40514.0 ( COMPLETE )

PROJECT: 4058  
DATE PRINTED: 2-SEP-97 PAGE 1

SAMPLE NUMBER	ELEMENT	AU	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe	Mn	Te	Ba	Cr	V	Sn	W	Hg	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr	
	UNITS	PPB	PPM	PCT	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PCT	PPM	PPM																							
CS-401633		4	<.2	17	4	23	2	13	4	<.2	<5	<5	<5	1.21	138	<10	32	18	22	<20	<20	<.010	24	0.62	0.40	0.43	0.03	0.11	11	6	3	9	1	<5	<10	0.07	6	
CS-401634		6	<.2	27	4	38	1	22	7	<.2	<5	<5	<5	1.87	208	<10	79	33	35	<20	<20	<.010	27	1.05	0.87	0.50	0.04	0.28	14	6	4	15	2	<5	<10	0.10	7	
CS-401638		4	<.2	20	4	31	<1	19	6	<.2	<5	<5	<5	1.58	182	<10	47	27	28	<20	<20	<.010	18	0.83	0.65	0.45	0.03	0.17	11	6	3	8	1	<5	<10	0.08	7	

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Intertek Testing Services  
Chimitec Bondar Clegg

Rapport Lab Geochimie  
Geochemical Lab Report

REPORT: 097-40515.0 ( COMPLETE )

REFERENCE: -

CLIENT: WMC INTERNATIONAL

SUBMITTED BY: M. ROY

PROJECT: 4058

DATE PRINTED: 2-SEP-97

ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD	SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
1 AU	GOLD FIRE ASSAY	74	1 PPB	FIRE ASSAY	FIRE ASSAY-DCP					
2 Ag	Silver	75	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
3 Cu	Copper	75	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
4 Pb	Lead	75	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
5 Zn	Zinc	75	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
6 Mo	Molybdenum	75	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
7 Ni	Nickel	75	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
8 Co	Cobalt	75	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
9 Cd	Cadmium	75	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
10 Bi	Bismuth	75	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
11 As	Arsenic	75	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
12 Sb	Antimony	75	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
13 Fe	Iron	75	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
14 Mn	Manganese	75	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
15 Te	Tellurium	75	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
16 Ba	Barium	75	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
17 Cr	Chromium	75	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
18 V	Vanadium	75	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
19 Sn	Tin	75	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
20 W	Tungsten	75	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
21 Hg	Mercury	75	0.010 PPM	HCL:HNO3 (3:1)	COLD VAPOR AA					
22 La	Lanthanum	75	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
23 Al	Aluminum	75	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
24 Mg	Magnesium	75	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
25 Ca	Calcium	75	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
26 Na	Sodium	75	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
27 K	Potassium	75	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
28 Sr	Strontium	75	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
29 Y	Yttrium	75	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
30 Ga	Gallium	75	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
31 Li	Lithium	75	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
32 Nb	Niobium	75	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
33 Sc	Scandium	75	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
34 Ta	Tantalum	75	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
35 Ti	Titanium	75	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					
36 Zr	Zirconium	75	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA					

TILL 75 -250 75 DRY, SIEVE - 63 u REBAG SAMPLE 75

REMARKS: IS indicates Insufficient Sample

REPORT COPIES TO: MS. DIANA CAMPBELL  
TERRY GOODWIN  
MRS ANNE COLLINS

INVOICE TO: MS. DIANA CAMPBELL

*res*



Intertek Testing Services  
Chimitec Bondar Clegg

Rapport Lab Geochimie  
Geochemical Lab Report

CLIENT: WMC INTERNATIONAL  
REPORT: 097-40515.0 ( COMPLETE )

PROJECT: 4058  
DATE PRINTED: 2-SEP-97 PAGE 1

SAMPLE NUMBER	ELEMENT	AU	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe	Mn	Te	Ba	Cr	V	Sn	W	Hg	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr
	UNITS	PPB	PPM	PCT	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PCT	PPM																								

CS-401693	4	<.2	16	5	18	<1	14	4	<.2	<5	<5	<5	1.53	162	<10	42	20	27	<20	<20	<.010	27	0.72	0.37	0.55	0.04	0.13	15	7	<2	7	2	<5	<10	0.09	7
CS-401694	2	<.2	34	5	21	1	16	5	<.2	<5	<5	<5	1.70	151	<10	55	23	28	<20	<20	0.011	33	0.85	0.39	0.49	0.04	0.17	15	8	<2	9	3	<5	<10	0.09	4
CS-401695	5	<.2	19	5	19	<1	17	4	<.2	<5	<5	<5	1.56	139	<10	40	21	25	<20	<20	<.010	25	0.72	0.37	0.46	0.03	0.13	12	6	<2	7	2	<5	<10	0.08	7

*pes*

**Appendix 3b**  
**Gold Grain Counts**

# OVERBURDEN DRILLING MANAGEMENT LIMITED

## ABBREVIATIONS

### DATA LOG

#### Size of Clast:

G: Granules  
P: Pebbles  
C: Cobbles  
BL: Boulder chips  
BK: Bedrock chips

#### % Clast Composition:

V/S: Volcanics and Sediments  
GR: Granitics  
LS: Limestone  
OT: Other Lithologies  
(refer to footnotes)  
TR: Only trace present  
NA: Not applicable  
OX: Very oxidized nondifferentiated

#### Matrix:

S: Sorted  
U: Unsorted  
SD: Sand — F: Fine  
M: Medium  
C: Coarse  
ST: Silt  
CY: Clay  
OR: Organics  
Y: Fraction present  
+: Fraction more abundant than normal  
-: Fraction less abundant than normal  
N: Fraction not present  
L: Lumps present

#### Colour:

B: Beige  
GY: Grey  
GB: Grey-beige  
GN: Green  
GG: Grey-green  
BN: Brown  
BK: Black  
PP: Purple  
PK: Pink  
OC: Ochre  
L: Light  
M: Medium  
D: Dark

### GOLD LOG

#### Number of Grains:

T: Number found on shaking table  
P: Number found by panning

#### Thickness:

C: Calculated thickness of grain (microns)  
M: Actual measured thickness of grain (microns)

#### Remarks:

%: Percentage of HMC (estimated from panning of table concentrate)  
gr: Grains (estimated number)  
µM: Microns (1/1000 mm)  
py: Pyrite  
cpy: Chalcopyrite  
aspy: Arsenopyrite  
marc: Marcasite  
L/G: Limonite/Goethite  
sid: Siderite

### KIM (kimberlite indicator mineral) LOG

GP: Purple garnet (G9/G10 chrome pyrope).  
GO: Orange mantle garnet; includes both eclogitic pyrope-almandine (G3) and Cr-poor megacrystic pyrope (G1/G2) varieties; in some samples, may include a few grains of common crustal garnet (G5) lacking diagnostic inclusions or crystal faces.  
DC: Chrome diopside, emerald green; paler green low-Cr diopside picked separately.  
IM: Mg-ilmenite; in some samples, may include a few grains of common crustal ilmenite lacking diagnostic inclusions or crystal faces.  
CR: Chromite.

### MMSIM (metamorphosed massive sulphide/magmatic indicator mineral) LOG

Ky: Kyanite  
Sil: Sillimanite  
Rut: Rutile  
St: Staurolite  
Ol: Olivine  
Opx: Orthopyroxene  
Cr: Chromite  
Sps: Spessartine  
Gth: Goethite  
Py: Pyrite  
Cpy: Chalcopyrite

WMC\WMT680CT.WR2

OVERBURDEN DRILLING MANAGEMENT LIMITED

TOTAL # OF SAMPLES IN THIS REPORT = 19

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)					DESCRIPTION										CLASS	
	TABLE+2 SPLIT	TABLE CHIPS	TABLE FEED	M. I. CONC			CLAST		MATRIX					OR						
				M.I. LIGHTS	CONC. TOTAL	NON MAG	SIZE	%	S/U	SD	ST	CY	COLOUR							
									V/S	GR	LS	SHELLS		SD	CY					
4058 610																				
401513	11.4	1.9	9.5	490.5	429.0	61.5	47.4	14.1	P	20	80	0	NA	U	Y	Y	Y	B	GB	TILL
401514	10.2	1.3	9.0	496.7	427.4	69.3	60.7	8.6	P	15	85	0	NA	U	Y	Y	Y	LOC	LOC	TILL
401515	12.7	2.4	10.3	305.9	227.8	78.1	62.0	16.1	P	40	60	0	NA	U	Y	Y	Y	B	B	TILL
401516	11.4	1.4	10.0	383.4	303.3	80.1	61.9	18.2	P	30	70	0	NA	U	Y	Y	Y	LOC	LOC	TILL
401517	13.2	1.9	11.4	437.2	346.8	90.4	72.3	18.1	P	15	85	0	NA	U	Y	Y	Y	B	LOC	TILL
401518	12.2	1.7	10.5	497.6	401.5	96.1	76.5	19.6	P	10	90	0	NA	U	Y	+	Y	BN	BN	TILL
401519	13.3	2.5	10.8	426.4	324.6	101.8	83.0	18.8	P	10	90	0	NA	U	Y	Y	Y	LOC	LOC	TILL
401520	10.3	0.9	9.4	375.0	306.7	68.3	52.3	16.0	P	15	85	0	NA	U	Y	Y	Y	BN	BN	TILL

## OVERBURDEN DRILLING MANAGEMENT LIMITED

## GOLD GRAIN SUMMARY SHEET

WMC\WMTG8OCT.WR2

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
4058 G10									
401513	72	51	8	13	47.4	168	108	8	52
401514	22	16	4	2	60.7	123	122	1	0
401515	17	6	4	7	62.0	61	37	20	4
401516	15	9	3	3	61.9	991	10	977	4
401517	13	10	1	2	72.3	13	7	5	0
401518	5	4	1	0	76.5	1	1	0	0
401519	10	10	0	0	83.0	4	4	0	0
401520	9	6	3	0	52.3	15	9	6	0

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

WMC\MMTG8OCT.WR2

TOTAL # OF PANNINGS 10

NUMBER OF GRAINS

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS)		RESHAPED		MODIFIED		PRISTINE		TOTAL	NON MAG GMS	CALC V.G. PPB	REMARKS			
				DIA	THICK	C	T	P	T					P	T	P
401513	Y	10 X	10	2 C	2				1	3			No sulphides.			
		15 X	15	3 C	8	2	2		2	14						
		15 X	25	4 C	7		1		1	9						
		15 X	50	7 C	3		2		1	6						
		15 X	75	9 C	1		1			2						
		25 X	25	5 C	8	2	1		2	13						
		25 X	50	8 C	6		1		1	8						
		25 X	75	10 C	3				4	7						
		50 X	50	10 C	3					3						
		50 X	75	13 C	3	1				4						
		50 X	100	15 C	1					1						
		50 X	150	20 C					1	1						
		75 X	75	15 C			1			1						
72											47.4	168				
401514	Y	10 X	10	2 C	2					2			No sulphides.			
		15 X	15	3 C	5		2		1	8						
		15 X	25	4 C	2		1			3						
		25 X	25	5 C	1		1			3		1				
		25 X	50	8 C	2					2						
		25 X	75	10 C	1					1						
		50 X	75	13 C	2					2						
		125 X	200	31 C	1					1						
22											60.7	123				
401515	Y	10 X	10	2 C	1				2	3			No sulphides.			
		15 X	15	3 C			1			1						
		15 X	25	4 C		1			1	2						
		15 X	50	7 C	1				1	2						
		25 X	25	5 C					1	1						
		25 X	50	8 C	1				2	3						
		50 X	50	10 C				1		1						
		50 X	75	13 C			1			1						
		50 X	100	15 C	1			1		2						
75 X	125	20 C		1				1								
17											62.0	61				
401516	N	15 X	15	3 C	2	2				4						
		15 X	25	4 C	2				1	3						
		25 X	25	5 C		1			1	2						
		50 X	50	10 C	1				1	2						
		50 X	75	13 C	1		1			2						
100 X	100	20 C			1			1								

## GOLD CLASSIFICATION

## VISIBLE GOLD FROM SHAKING TABLE AND PANNING

WMC\WMTG8OCT.WR2

TOTAL # OF PANNINGS

10

## NUMBER OF GRAINS

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS)		RESHAPED		MODIFIED		PRISTINE		TOTAL	NON MAG GMS	CALC ASSAY PPB	V.G. REMARKS
		DIAMETER	THICKNESS	T	P	T	P	T	P				
4058 610		250 X	250	125 M			1			1			
										15	61.9	991	
401517	Y	10 X	10	2 C	1					1			No sulphides.
		15 X	15	3 C	1			1		2			
		15 X	25	4 C	4					4			
		25 X	25	5 C	2	1		1		4			
		25 X	100	13 C			1			1			
		50 X	75	13 C	1					1			
										13	72.3	13	
401518	N	15 X	15	3 C	1					1			
		25 X	25	5 C	3		1			4			
										5	76.5	1	
401519	Y	10 X	10	2 C	1					1			No sulphides.
		15 X	15	3 C	2					2			
		15 X	25	4 C	2	1				3			
		25 X	25	5 C	3					3			
		25 X	75	10 C	1					1			
										10	83.0	4	
401520	Y	10 X	10	2 C	1					1			No sulphides.
		25 X	25	5 C	4		1			5			
		25 X	50	8 C			1			1			
		50 X	50	10 C			1			1			
		50 X	75	13 C	1					1			
										9	52.3	15	



## OVERBURDEN DRILLING MANAGEMENT LIMITED

## GOLD GRAIN SUMMARY SHEET

WMC\WMTG12DE.WR2

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
4058									
401521	1	1	0	0	66.0	6	6	0	0
401522	5	5	0	0	67.8	32	32	0	0
401523	1	1	0	0	66.6	6	6	0	0
401524	4	4	0	0	51.5	10	10	0	0
401525	27	16	2	9	71.4	61	35	1	25
401526	10	7	0	3	99.9	21	16	0	5
401527	32	20	6	6	94.2	25	15	8	3
401528	26	15	6	5	62.1	45	10	11	24
401529	29	21	4	4	66.3	83	36	25	22
401530	20	10	2	8	74.8	29	23	1	6
401531	42	23	7	12	65.2	151	118	21	12
401532	39	24	5	10	101.9	113	55	22	36
401533	37	21	2	14	46.6	370	183	1	186
401534	7	4	0	3	45.6	24	7	0	16
401536	5	5	0	0	54.9	24	24	0	0
401537	6	6	0	0	66.7	16	16	0	0
401538	15	14	1	0	81.9	31	31	0	0
401539	12	4	4	4	70.7	80	9	24	47
401540	3	3	0	0	85.8	2	2	0	0
401541	15	11	3	1	99.0	24	11	12	0
401542	4	2	2	0	64.1	5	2	3	0
401543	7	7	0	0	86.3	12	12	0	0
401544	5	4	1	0	73.1	14	11	3	0
401545	4	4	0	0	82.6	37	37	0	0

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

WMC\WMTG12DE.WR2

NUMBER OF GRAINS

TOTAL # OF PANNINGS 25

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS)		RESHAPED				MODIFIED		PRISTINE		TOTAL	NON MAG GMS	CALC ASSAY PPB	V.G. REMARKS
		DIAMETER	THICKNESS	T	P	T	P	T	P						

4058															
401521	Y	50 X	75	13 C	1							1			No sulphides.
												1	66.0	6	
401522	Y	25 X	25	5 C	1							1			No sulphides.
		25 X	50	8 C	1							1			
		25 X	75	10 C	1							1			
		50 X	75	13 C	1							1			
		75 X	125	20 C	1							1			
												5	67.8	32	
401523	Y	50 X	75	13 C	1							1			No sulphides.
												1	66.6	6	
401524	Y	25 X	25	5 C	2							2			No sulphides.
		25 X	50	8 C	1							1			
		50 X	75	13 C	1							1			
												4	51.5	10	
401525	Y	10 X	10	2 C	1					2		3			No sulphides.
		15 X	25	4 C	2		1					3			
		15 X	50	7 C	1					1		2			
		15 X	75	9 C						1		1			
		25 X	25	5 C	3		1				1	5			
		25 X	50	8 C	4		1			1		6			
		25 X	75	10 C	1					1		2			
		25 X	100	13 C						1		1			
		50 X	50	50 M						1		1			
		50 X	75	13 C	2							2			
		75 X	100	18 C	1							1			
												27	71.4	61	
401526	Y	15 X	15	3 C		1						1			No sulphides.
		15 X	50	7 C	1							1			
		25 X	25	5 C		1						1			
		25 X	50	8 C	2					1		3			
		25 X	75	10 C						1	1	2			
		50 X	75	13 C	1							1			
		75 X	100	18 C	1							1			
												10	99.9	21	

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

WMC\MMTG12DE.WR2

TOTAL # OF PANNINGS

25

NUMBER OF GRAINS

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS)		RESHAPED				MODIFIED		PRISTINE		TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
		DIAMETER	THICKNESS	T	P	T	P	T	P						

4058															
401527	Y	10 X	10	2 C					1		1				No sulphides.
		15 X	15	3 C	4			2		2	8				
		15 X	25	4 C	7				1	8					
		25 X	25	5 C	4	1	2	1	1	9					
		25 X	50	8 C	2					2					
		50 X	50	10 C					1	1					
		50 X	75	13 C	1					1					
		50 X	100	15 C	1			1		2					
											32	94.2	25		

401528	Y	10 X	10	2 C	1				1	1	3				No sulphides.
		15 X	15	3 C	5				1	6					
		15 X	25	4 C	2	1	2		1	6					
		25 X	25	5 C	1		1			2					
		25 X	50	8 C	4			1		5					
		50 X	50	10 C	1		1			2					
		50 X	75	13 C				1		1					
		75 X	125	20 C					1	1					
											26	62.1	45		

401529	Y	10 X	10	2 C	1						1				No sulphides.
		15 X	15	3 C	1					1					
		15 X	25	4 C	4					4					
		15 X	50	7 C	2					2					
		25 X	25	5 C	5					1	6				
		25 X	50	8 C	2	2	1		1	6					
		25 X	75	10 C	2		1			3					
		50 X	75	13 C	1			1	1	3					
		50 X	125	18 C	1			1	1	3					
											29	66.3	83		

401530	Y	15 X	25	4 C	1				2	1	4				No sulphides.
		15 X	50	7 C	1					1					
		25 X	25	5 C	1	1	1	1	2	6					
		25 X	50	8 C	1				2	3					
		25 X	75	10 C	1					1					
		50 X	50	10 C	1					1	2				
		50 X	75	13 C	1	2				3					
											20	74.8	29		

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

WMC\MMT612DE.WR2

TOTAL # OF PANNINGS 25

NUMBER OF GRAINS

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS)		RESHAPED		MODIFIED		PRISTINE		TOTAL	NON MAG GMS	CALC V.G. PPB	REMARKS
		DIAMETER	THICKNESS	T	P	T	P	T	P				
4058													
401531	Y	10 X	10	2 C				1		1			No sulphides.
		15 X	15	3 C	3			1		4			
		15 X	25	4 C	4		1	1	1	7			
		15 X	50	7 C	2					2			
		25 X	25	5 C	6		1	2	1	10			
		25 X	50	8 C	3		1	3	1	8			
		25 X	75	10 C			1	2		3			
		50 X	75	13 C	1		1			2			
		50 X	125	18 C	1					1			
		75 X	75	15 C			1			1			
		75 X	125	20 C		1				1			
		75 X	150	22 C	1					1			
		100 X	125	22 C		1				1			
										42	65.2	151	
401532	Y	15 X	15	3 C			1	1		2			No sulphides.
		15 X	25	4 C	2		1	1		4			
		15 X	50	7 C	2		1	1	1	5			
		15 X	75	9 C	1					1			
		25 X	25	5 C	5			1		6			
		25 X	50	8 C	3		1	3		7			
		25 X	75	10 C	1					1			
		25 X	150	18 C	1					1			
		50 X	50	10 C	3					3			
		50 X	75	13 C	3	1		1		5			
		50 X	100	15 C	1					1			
		50 X	125	18 C	1					1			
		75 X	150	22 C			1			1			
		75 X	175	25 C				1		1			
										39	101.9	113	
401533	Y	10 X	10	2 C				1		1			No sulphides.
		15 X	15	3 C	3			2		5			
		15 X	25	4 C	2	1	1	2		6			
		15 X	50	7 C		1		1		2			
		25 X	25	5 C	4	2		5		11			
		25 X	50	8 C	1	1		2		4			
		25 X	75	10 C		1				1			
		25 X	100	13 C	1					1			
		50 X	125	18 C		1				1			
		75 X	125	20 C		1				1			
		75 X	150	22 C		1		1		2			
		100 X	150	25 C		1				1			

## GOLD CLASSIFICATION

## VISIBLE GOLD FROM SHAKING TABLE AND PANNING

MMC\MHT612DE.WR2		NUMBER OF GRAINS										NON MAG	CALC V.G. ASSAY PPB	REMARKS
TOTAL # OF PANNINGS		MEASUREMENT (MICRONS)		RESHAPED		MODIFIED		PRISTINE		TOTAL				
SAMPLE #	PANNED	DIAMETER	THICKNESS	T	P	T	P	T	P		GMS	PPB		
4058		125 X 200	31 C					1		1				
											37	46.6	370	
401534	Y	10 X 50	6 C	1						1			No sulphides.	
		15 X 15	3 C					1		1				
		25 X 25	5 C	1						1				
		25 X 50	8 C	1						1				
		25 X 100	13 C					1		1				
		50 X 50	10 C	1						1				
		50 X 75	13 C					1		1				
											7	45.6	24	
401536	Y	25 X 25	5 C	2						2			No sulphides.	
		25 X 50	8 C	1						1				
		50 X 50	10 C	1						1				
		50 X 125	18 C	1						1				
											5	54.9	24	
401537	Y	25 X 25	5 C	2						2			No sulphides.	
		25 X 50	8 C	2						2				
		50 X 50	10 C	1						1				
		75 X 75	15 C	1						1				
											6	66.7	16	
401538	Y	15 X 15	3 C					1		1			No sulphides.	
		25 X 25	5 C	6	1					7				
		25 X 50	8 C	2	2					4				
		25 X 75	10 C		1					1				
		50 X 75	13 C	1						1				
		100 X 100	20 C	1						1				
											15	81.9	31	
401539	Y	15 X 25	4 C			1				1			No sulphides.	
		25 X 25	5 C	1					1	2				
		25 X 50	8 C	1		2				3				
		25 X 75	10 C		1				1	2				

## GOLD CLASSIFICATION

## =====

## VISIBLE GOLD FROM SHAKING TABLE AND PANNING

MMC\WMT612DE.WR2		NUMBER OF GRAINS										NON MAG GMS	CALC ASSAY PPB	V.G. REMARKS
TOTAL # OF PANNINGS	25	MEASUREMENT (MICRONS)		RESHAPED		MODIFIED		PRISTINE		TOTAL				
SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	T	P	T	P	T	P					
4058		25 X 100	13 C	1						1				
		50 X 50	10 C					1		1				
		50 X 150	20 C				1			1				
		100 X 150	25 C					1		1				
											12	70.7	80	
401540	Y	25 X 25	5 C	2						2			No sulphides.	
		25 X 50	8 C	1						1				
											3	85.8	2	
401541	Y	15 X 25	4 C		2			1		3			No sulphides.	
		15 X 50	7 C		4					4				
		25 X 25	5 C	1		1				2				
		25 X 50	8 C	1						1				
		25 X 75	10 C	1		1				2				
		50 X 50	10 C	1						1				
		50 X 75	13 C	1						1				
		50 X 125	18 C			1				1				
											15	99.0	24	
401542	Y	25 X 25	5 C	1		1				2			No sulphides.	
		25 X 50	8 C	1						1				
		50 X 50	10 C			1				1				
											4	64.1	5	
401543	Y	25 X 25	5 C	3						3			No sulphides.	
		25 X 50	8 C	2						2				
		50 X 50	10 C	1						1				
		75 X 75	15 C	1						1				
											7	86.3	12	
401544	Y	25 X 25	5 C	1						1			No sulphides.	
		25 X 50	8 C	2						2				
		50 X 50	10 C			1				1				
		50 X 100	15 C	1						1				
											5	73.1	14	
401545	Y	25 X 25	5 C	2						2			No sulphides.	
		25 X 50	8 C	1						1				

## GOLD CLASSIFICATION

## =====

## VISIBLE GOLD FROM SHAKING TABLE AND PANNING

WMC\WMT612DE.WR2

## NUMBER OF GRAINS

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS)		NUMBER OF GRAINS				NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS		
		DIAMETER	THICKNESS	RESHAPED		MODIFIED					PRISTINE TOTAL	
				T	P	T	P				T	P
4058		125 X 125	25 C	1				1				
								4	82.6	37		

WMC\WMTG1JAN.WR2

OVERBURDEN DRILLING MANAGEMENT LIMITED

TOTAL # OF SAMPLES IN THIS REPORT = 20

## LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.W ET)			WEIGHT (GRAMS DRY)					DESCRIPTION								CLASS			
	TABLE +2 SPLIT	TABLE CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	MAG MAG	CLAST SIZE	%			MATRIX					OR		
									V/S	GR	LS	SHELLS	S/U	SD	ST	CY	COLOUR	SD	CY	
4058																				
401546	11.7	0.9	10.9	304.2	223.7	80.5	61.6	18.9	P	40	60	0	0	U	Y	Y	-	GB	GB	TILL
401547	10.1	0.9	9.2	281.6	196.0	85.6	69.9	15.7	P	60	40	0	0	U	Y	Y	-	B	B	TILL
401548	10.9	0.9	10.0	345.6	250.9	94.7	77.5	17.2	P	40	60	0	0	U	Y	Y	Y	B	B	TILL

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

WMC\WMTG1JAN.WR2

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
4058									
401546	5	3	1	1	61.6	2	2	0	0
401547	3	3	0	0	69.9	1	1	0	0
401548	11	8	1	2	77.5	16	13	0	3

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

MMC\MNT61JAN.WR2

TOTAL # OF PANNINGS

20

NUMBER OF GRAINS

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS)		NUMBER OF GRAINS				NON MAG GMS	CALC ASSAY PPB	V.G. REMARKS		
		DIAMETER	THICKNESS	RESHAPED		MODIFIED					PRISTINE TOTAL	
				T	P	T	P				T	P
4058												
401546	Y	15 X	15	3 C				1	1	No sulphides.		
		15 X	25	4 C	1				1			
		25 X	25	5 C	1	1			2			
		25 X	50	8 C	1				1			
									5	61.6	2	
401547	Y	15 X	15	3 C	2				2	No sulphides.		
		25 X	50	8 C	1				1			
									3	69.9	1	
401548	Y	15 X	15	3 C				1	1	No sulphides.		
		15 X	25	4 C	2				2			
		25 X	25	5 C	3	1			4			
		25 X	50	8 C	1				1			
		50 X	50	10 C		1		1	2			
		50 X	100	15 C		1			1			
									11	77.5	16	

WMC\WMTG5JAN.WR2

OVERBURDEN DRILLING MANAGEMENT LIMITED

TOTAL # OF SAMPLES IN THIS REPORT = 20

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.W ET)			WEIGHT (GRAMS DRY)				DESCRIPTION								CLASS				
	TABLE +2 SPLIT	TABLE CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	MAG MAG	CLAST SIZE	%	MATRIX S/U			SD	ST		CY	COLOUR	OR	
									V/S	GR	LS	SHELLS					SD	CY		
4058																				
401633	11.7	0.8	10.9	322.7	255.2	67.5	54.1	13.4	P	20	80	0	0	U	Y	Y	Y	LOC	B	TILL
401634	13.4	2.4	11.0	554.7	483.3	71.4	56.7	14.7	P	20	80	0	0	U	Y	Y	Y	B	B	TILL
401638	12.1	0.9	11.2	339.2	253.0	86.2	71.3	14.9	P	10	90	0	0	U	Y	Y	Y	B	B	TILL

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

WMC\WMTG5JAN.WR2

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
4058									
401633	17	15	0	2	54.1	41	41	0	0
401634	9	9	0	0	56.7	6	6	0	0
401638	11	10	1	0	71.3	4	4	0	0

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

SAMPLE #		MEASUREMENT (MICRONS)		NUMBER OF GRAINS				NON	CALC	V.G.	REMARKS	
PANNED	Y/N	DIAMETER	THICKNESS	RESHAPED		MODIFIED		PRISTINE TOTAL		MAG		ASSAY
				T	P	T	P	T	P			
4058												
401633	Y	15 X	15	3 C	2			1	3		No sulphides.	
		15 X	25	4 C	2			1	3			
		25 X	25	5 C	3	1			4			
		25 X	50	8 C	3	1			4			
		50 X	75	13 C	2				2			
		50 X	125	18 C	1				1			
								17	54.1	41		
401634	Y	15 X	25	4 C	1	2			3		No sulphides.	
		15 X	50	7 C	1				1		1 grain of scheelite.	
		25 X	25	5 C	2	1			3			
		25 X	50	8 C	2				2			
								9	56.7	6		
401638	Y	15 X	15	3 C	2				2		No sulphides.	
		15 X	25	4 C	3				3			
		25 X	25	5 C	2	1	1		4			
		25 X	50	8 C	2				2			
								11	71.3	4		



## OVERBURDEN DRILLING MANAGEMENT LIMITED

## GOLD GRAIN SUMMARY SHEET

WMC\WMTG8JAN.WR2

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
4058									
401693	5	2	3	0	82.0	2	1	0	0
401694	3	3	0	0	72.2	9	9	0	0
401695	3	3	0	0	91.1	4	4	0	0

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

WMC\MNTG8JAN.WR2		TOTAL # OF PANNINGS		MEASUREMENT (MICRONS)		NUMBER OF GRAINS						NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS	
SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL					
4058															
401693	Y	10 X	10	2 C						1					No sulphides.
		15 X	25	4 C						1					
		25 X	25	5 C	1			1		2					
		25 X	50	8 C	1					1					
											5	82.0	2		
401694	Y	15 X	25	4 C	1					1					No sulphides.
		25 X	25	5 C	1					1					1 grain of scheelite.
		50 X	100	15 C	1					1					
											3	72.2	9		
401695	Y	15 X	25	4 C	2					2					No sulphides.
		50 X	75	13 C						1					
											3	91.1	4		



OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

WMC\WMTG1JUL.WR2

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
CS4060									
105025	1	1	0	0	25.8	3	3	0	0
105026	1	1	0	0	46.9	1	1	0	0
105027	4	2	0	2	42.7	900	6	0	894
105028	4	2	1	1	43.3	35	34	0	1
105040	3	2	1	0	30.6	19	13	6	0

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

NMC\WMT61JUL.WR2

NUMBER OF GRAINS

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS)		NUMBER OF GRAINS						NON MAG GMS	CALC V.G. PPB	REMARKS	
		DIAMETER	THICKNESS	RESHAPED		MODIFIED		PRISTINE					TOTAL
				T	P	T	P	T	P				
TOTAL # OF PANNINGS		34											
CS4060													
										8	41.0	29	
105025	N	25 X	50	8 C	1					1			
										1	25.8	3	
105026	N	25 X	25	5 C	1					1			
										1	46.9	1	
105027	N	25 X	50	8 C	1					1			
		50 X	50	10 C	1				1	2			
		150 X	300	100 M					1	1			
										4	42.7	900	
105028	N	10 X	25	4 C			1			1			
		15 X	50	7 C					1	1			
		50 X	75	25 M	2					2			
										4	43.3	35	
105040	N	25 X	25	5 C	1					1			
		50 X	50	10 C			1			1			
		50 X	75	13 C	1					1			
										3	30.6	19	



## OVERBURDEN DRILLING MANAGEMENT LIMITED

## GOLD GRAIN SUMMARY SHEET

WMC\WMTG2JUL.WR2

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
CS4060									
105041	13	7	5	1	70.9	39	36	3	0
105042	0	0	0	0	18.0	0	0	0	0
105043	2	2	0	0	41.9	11	11	0	0
105044	15	11	2	2	49.5	77	69	4	3
105045	14	8	4	2	31.3	41	31	3	7
105046	38	23	9	6	60.3	186	97	77	11
105047	48	32	13	3	34.8	309	223	85	1
105048	12	11	0	1	37.8	29	28	0	1

## GOLD CLASSIFICATION

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VISIBLE GOLD FROM SHAKING TABLE AND PANNING

WMC\WMTG2JUL.WR2

SAMPLE #	TOTAL # OF PANNINGS	MEASUREMENT (MICRONS)		NUMBER OF GRAINS								NON MAG GMS	CALC V.G. PPB	REMARKS
				RESHAPED		MODIFIED		PRISTINE		TOTAL				
				T	P	T	P	T	P	T	P			
CS4060	35													
105041	Y	15 X	15	3 C			2		1		3			No sulphides.
		15 X	50	7 C			1				1			
		25 X	25	5 C	1	1					2			
		25 X	50	8 C	2		1	1			4			
		50 X	50	10 C	1						1			
		50 X	100	15 C		1					1			
		75 X	125	20 C		1					1			
											13	70.9	39	
105042	N	NO VISIBLE GOLD												
105043	N	25 X	50	8 C	1						1			
		25 X	100	13 C	1						1			
											2	41.9	11	
105044	Y	15 X	50	7 C	2						2			No sulphides.
		25 X	25	5 C	1	3	1				5			
		25 X	50	8 C	1	1			2		4			
		50 X	50	10 C	1		1				2			
		75 X	100	25 M	2						2			
											15	49.5	77	
105045	Y	25 X	25	5 C	1	1	4		1		7			No sulphides.
		25 X	50	8 C	2						2			
		25 X	75	10 C	2						2			
		50 X	50	10 C	1	1			1		3			
											14	31.3	41	
105046	Y	15 X	15	3 C	3		1		1		5			No sulphides.
		25 X	25	5 C	1	1	1		1		4			
		25 X	50	8 C	8	2	2	2	1		15			
		25 X	75	10 C		1					1			
		50 X	50	10 C		2	1		3		6			
		50 X	75	13 C				1			1			
		50 X	100	15 C	2						2			
		50 X	125	18 C	1						1			
		75 X	75	25 M		2					2			
		75 X	125	50 M				1			1			
											38	60.3	186	

## GOLD CLASSIFICATION

## SIBLE GOLD FROM SHAKING TABLE AND PANNING

WMC\WMTG2JUL.WR2

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS)		NUMBER OF GRAINS						NON MAG GMS	CALC V.G. PPB	REMARKS	
		DIAMETER	THICKNESS	RESHAPED		MODIFIED		PRISTINE TOTAL					
				T	P	T	P	T	P				
CS4060													
105047	Y	15 X	15	3 C	1		4			2	7		No sulphides.
		15 X	50	7 C	4		3				7		
		25 X	25	5 C	8		3		1		12		
		25 X	50	8 C	7	1					8		
		25 X	75	10 C	3						3		
		50 X	50	10 C	4						4		
		50 X	75	13 C	1						1		
		50 X	100	15 C			1				1		
		50 X	125	50 M	1						1		
		75 X	75	25 M	2		1				3		
		75 X	100	18 C			1				1		
											48	34.8	309
105048	Y	25 X	25	5 C	3	3				1	7		No sulphides.
		25 X	50	8 C	2						2		
		50 X	50	10 C	1	1					2		
		50 X	75	13 C		1					1		
											12	37.8	29

WMC\WMTG3JUL.WR2

OVERBURDEN DRILLING MANAGEMENT LIMITED

TOTAL # OF SAMPLES IN THIS REPORT = 18

## LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG. W ET)			WEIGHT (GRAMS DRY)				DESCRIPTION										CLASS		
	TABLE +2 mm SPLIT	TABLE CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	MAG	CLAST SIZE	%	MATRIX S/U			SD	ST	CY	COLOUR		OR	
									V/S	GR	LS	SHELLS				SD	CY			
CS4060																				
105083	12.0	1.0	11.0	316.8	256.6	60.2	49.4	10.8	P	95	5	0	0	U	Y	Y	Y	B	B	TILL
105084	11.7	2.6	9.1	288.7	226.5	62.2	50.4	11.8	P	95	5	0	0	U	Y	Y	Y	B	B	TILL
105085	11.4	1.8	9.6	298.6	235.2	63.4	53.4	10.0	P	95	5	0	0	U	Y	Y	Y	B	B	TILL
105086	12.1	1.6	10.6	333.8	240.2	93.6	82.5	11.1	P	95	5	0	0	U	Y	Y	Y	GB	GB	TILL
105087	11.7	1.7	10.1	291.3	224.1	67.2	52.8	14.4	P	90	10	0	0	U	Y	Y	Y	GB	GB	TILL
105089	10.7	2.2	8.6	305.1	234.4	70.7	56.2	14.5	P	90	10	0	0	U	Y	Y	Y	GB	GB	TILL
105090	11.3	4.1	7.2	295.7	252.1	43.6	35.4	8.2	P	90	10	0	0	U	Y	Y	Y	GB	GB	TILL
105091	9.9	1.6	8.3	231.2	188.5	42.7	35.5	7.2	P	95	5	0	0	U	Y	Y	Y	GB	GB	TILL
105092	9.9	1.9	8.0	201.5	149.2	52.3	41.3	11.0	P	95	5	0	0	U	Y	Y	Y	GB	GB	TILL
105093	11.1	1.6	9.5	278.3	218.6	59.7	46.3	13.4	P	90	10	0	0	U	Y	Y	Y	GB	GB	TILL

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

WMC\WMTG3JUL.WR2

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold				
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine	
CS4060										
105083	13	9	3	1	49.4	36	34	1	0	
105084	62	40	5	17	50.4	614	498	20	96	
105085	15	10	5	0	53.4	50	39	12	0	
105086	28	20	4	4	82.5	157	138	13	6	
105087	29	13	10	6	52.8	247	166	55	25	
105089	9	5	2	2	56.2	44	39	4	1	
105090	4	4	0	0	35.4	11	11	0	0	
105091	20	12	6	2	35.5	47	42	4	2	
105092	28	18	8	2	41.3	295	270	19	6	
105093	46	27	11	8	46.3	141	101	31	9	

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

WMC\WMTG3JUL.WR2

NUMBER OF GRAINS

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS)		NUMBER OF GRAINS						NON MAG GMS	CALC ASSAY PPB	V.G. REMARKS	
		DIAMETER	THICKNESS	RESHAPED		MODIFIED		PRISTINE					TOTAL
				T	P	T	P	T	P				
-----													
CS4060													
105083	Y	10 X	50	6 C	1					1			No sulphides.
		15 X	15	3 C	2		1			3			
		15 X	50	7 C		1				1			
		25 X	25	5 C		1	2		1	4			
		25 X	50	8 C	1					1			
		25 X	75	10 C		1				1			
		75 X	75	15 C	1	1				2			
										13	49.4	36	
-----													
105084	Y	15 X	15	3 C	1	1			4	1	7		No sulphides.
		15 X	50	7 C	3	2					5		
		15 X	75	9 C					1		1		
		25 X	25	5 C	2	2	1	2	3	1	11		
		25 X	50	8 C	5	4			3		12		
		25 X	75	10 C	1	1			2		4		
		25 X	100	13 C	3						3		
		50 X	50	10 C	7	1	1			1	10		
		50 X	75	25 M	1			1			2		
		50 X	100	15 C	2						2		
		50 X	125	18 C	1						1		
		75 X	100	25 M	1						1		
		75 X	125	50 M						1	1		
		75 X	200	27 C		1					1		
		125 X	175	75 M		1					1		
										62	50.4	614	
-----													
105085	Y	15 X	15	3 C				1		1			No sulphides.
		25 X	25	5 C	1	1	1	1		4			
		25 X	50	8 C	1	2				3			
		25 X	75	10 C		2				2			
		25 X	100	13 C	1					1			
		50 X	50	10 C				1		1			
		50 X	75	13 C	1		1			2			
		50 X	100	15 C		1				1			
										15	53.4	50	

## GOLD CLASSIFICATION

## VISIBLE GOLD FROM SHAKING TABLE AND PANNING

WMC\WMTG3JUL.WR2		NUMBER OF GRAINS										NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
TOTAL # OF PANNINGS		MEASUREMENT (MICROMS)		RESHAPED		MODIFIED		PRISTINE		TOTAL				
SAMPLE #	PANNED			T	P	T	P	T	P					
	Y/N	DIAMETER	THICKNESS											
CS4060														
05086	Y	15 X 15	3 C	1		1		1		3		No sulphides.		
		15 X 50	7 C	3				2		5				
		25 X 25	5 C			1				1				
		25 X 50	8 C	6	1					7				
		25 X 100	13 C					1		1				
		50 X 50	10 C	4						4				
		50 X 75	13 C	2		1				3				
		50 X 100	15 C	1			1			2				
		50 X 125	25 M	1						1				
		75 X 200	50 M	1						1				
										28	82.5	157		
105087														
105087	Y	15 X 15	3 C	1				1		2		No sulphides.		
		15 X 50	7 C	2		1		1		4				
		25 X 25	5 C	2		1				3				
		25 X 50	8 C			1			1	2				
		25 X 75	10 C		1				1	2				
		25 X 100	13 C	1				1		2				
		50 X 50	10 C	2		2	1			5				
		50 X 75	13 C		2		3			5				
		50 X 100	15 C					1		1				
		75 X 75	25 M		1	1				2				
		75 X 175	50 M		1					1				
										29	52.8	247		
105088														
105088	Y	15 X 15	3 C					1		1		No sulphides.		
		25 X 25	5 C			1				1				
		25 X 50	8 C	3	2					5				
		25 X 75	10 C		1					1				
		50 X 50	10 C	2						2				
		50 X 75	13 C					1		1				
		150 X 250	75 M					1		1				
										12	18.5	1291		
105089														
105089	Y	15 X 15	3 C	1		1				2		No sulphides.		
		15 X 50	7 C	1				1		2				
		25 X 25	5 C					1		1				
		25 X 50	8 C	1						1				
		50 X 50	10 C				1			1				
		50 X 125	25 M		1					1				
		75 X 75	15 C		1					1				
										9	56.2	44		

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

WMC\WHTG3JUL.WR2

NUMBER OF GRAINS

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS)		NUMBER OF GRAINS						NON MAG GMS	CALC V.G. PPB	REMARKS	
		DIAMETER	THICKNESS	RESHAPED		MODIFIED		PRISTINE					TOTAL
				T	P	T	P	T	P				
TOTAL # OF PANNINGS 18													
CS4060													
05090	Y	25 X	25	5 C	1						1	No sulphides.	
		25 X	50	8 C	2						2		
		50 X	50	10 C	1						1		
											4	35.4 11	
105091	Y	15 X	15	3 C			3			1	4	No sulphides.	
		15 X	50	7 C	1	1	2			1	5		
		25 X	25	5 C	3	1		1			5		
		25 X	50	8 C	2	1					3		
		50 X	50	10 C	2						2		
		75 X	75	15 C	1						1		
											20	35.5 47	
105092	Y	15 X	50	7 C	1	1		1		1	4	No sulphides.	
		15 X	75	9 C	1		1				2		
		25 X	25	5 C	2	1	1	1			5		
		25 X	50	8 C	1	1		2			4		
		25 X	75	10 C	1	1		2	1		5		
		50 X	50	10 C	2						2		
		50 X	75	13 C	2						2		
		50 X	125	18 C	1						1		
		75 X	75	15 C	1						1		
		75 X	125	50 M	2						2		
											28	41.3 295	
105093	Y	15 X	15	3 C			5		1	2	8	No sulphides.	
		15 X	50	7 C	2		1	1	2	2	8		
		25 X	25	5 C	2	2					4		
		25 X	50	8 C	7	3					10		
		25 X	75	10 C	3		2				5		
		25 X	100	13 C	1						1		
		50 X	50	10 C	3		1		1		5		
		50 X	75	13 C	2						2		
		50 X	75	25 M	1		1				2		
		50 X	100	15 C	1						1		
											46	46.3 141	

10/01/98  
 PROJECT: CS4060  
 TOTAL OF 20 SAMPLES.  
 FILENAME: WMC\WMTG2SEK.WR1

SAMPLE DESCRIPTION

SAMPLE NUMBER	WEIGHT (KILOGRAMS)					CLASTS >2.0 mm				MATRIX (1.0 mm)				CLASS			
	BULK REC'VED	TABLE SPLIT	+2 mm CLASTS	1-2 mm CLASTS	TABLE FEED	PERCENTAGE				GRAIN SIZE DISTRIBUTION			COLOUR				
						V/S	GR	LS	OT	S/U	SD	ST	CY		SAND	CLAY	
CS4060																	
105101	11.50	11.05	2.20	0.65	8.20	P	30	70	0	0	U	Y	Y	-	GB	GY	TILL
105102	8.95	8.50	3.10	0.70	4.70	P	40	60	0	0	U	Y	Y	-	GB	GB	TILL
105103	11.15	10.55	1.35	0.75	8.45	P	10	90	0	0	U	Y	Y	Y	GB	GY	TILL
105104	9.75	9.25	0.45	0.55	8.25	P	20	80	0	0	U	Y	Y	Y	GB	GB	TILL
105105	9.45	9.00	2.05	0.60	6.35	P	30	70	0	0	U	Y	Y	-	GB	GB	TILL
105106	8.70	8.25	1.05	0.65	6.55	P	5	95	0	0	U	Y	Y	Y	GB	GB	TILL
105107	8.90	8.35	1.95	0.65	5.75	P	30	70	0	0	U	Y	Y	-	GY	GY	TILL
105108	8.85	8.35	1.95	0.70	5.70	P	40	60	0	0	U	Y	Y	-	GB	B	TILL
105109	11.85	11.30	1.80	0.80	8.70	P	30	70	0	0	U	Y	Y	-	GB	GB	TILL
105110	11.50	10.95	1.80	0.80	8.35	P	40	60	0	0	U	Y	Y	Y	GB	GB	TILL
105111	11.50	10.90	1.85	0.85	8.20	P	40	60	0	0	U	Y	Y	Y	GB	GB	TILL
105112	9.50	8.95	1.95	0.60	6.40	P	60	40	0	0	U	Y	Y	Y	B	B	TILL
105113	12.20	11.65	2.00	0.85	8.80	P	60	40	0	0	U	Y	Y	Y	GB	GY	TILL
105114	8.00	7.50	1.05	0.45	6.00	P	50	50	0	0	U	Y	Y	Y	GB	GY	TILL
105115	10.95	10.45	2.55	0.75	7.15	P	60	40	0	0	U	Y	Y	Y	GB	GB	TILL
105116	10.00	9.40	1.10	0.75	7.55	P	75	25	0	0	U	Y	Y	Y	LBN	LBN	TILL
105117	10.15	9.50	5.95	1.45	2.10	P	55	45	0	0	U	Y	Y	-	BN	BN	TILL
105118	12.60	12.00	1.30	0.85	9.85	P	60	40	0	0	U	Y	Y	-	B	B	TILL
105119	10.90	10.45	1.55	0.75	8.15	P	50	50	0	0	U	Y	Y	Y	GB	GB	TILL
105120	9.75	9.15	0.15	0.05	8.95	P	95	5	0	0	U	-	+	Y	B	GB	TILL

## OVERBURDEN DRILLING MANAGEMENT LIMITED

## GOLD GRAIN SUMMARY SHEET

WMC\WMTG1SEP.WR2

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
CS4060					*				
105101	5	4	1	0	35.4	16	14	2	0
105102	17	4	11	2	21.6	148	21	123	4
105103	0	0	0	0	36.8	0	0	0	0
105104	2	2	0	0	35.2	5	5	0	0
105105	10	9	1	0	27.8	84	83	1	0
105106	8	5	3	0	28.8	59	40	19	0
105107	4	2	2	0	25.6	15	8	6	0
105108	10	10	0	0	25.6	220	220	0	0
105109	17	10	3	4	38.0	66	36	11	20
105110	17	12	3	2	36.6	48	46	2	0
105111	23	10	5	8	36.2	119	25	25	69
105112	15	6	8	1	28.0	44	18	25	0
105113	29	14	7	8	38.6	204	68	36	99
105114	15	10	5	0	25.8	146	89	57	0
105115	12	8	2	2	31.6	212	157	22	34
105116	10	6	4	0	33.2	60	44	15	0
105117	1	1	0	0	14.2	149	149	0	0
105118	24	10	7	7	42.8	72	40	6	26
105119	53	37	9	7	35.6	166	131	29	6
105120	17	13	1	3	36.0	35	31	1	3

\*Calculated PPB based on assumed HMC weight equivalent to 1/250th of the table feed.



## GOLD CLASSIFICATION

## VISIBLE GOLD FROM SHAKING TABLE AND PANNING

WMC\WMT61SEP.WR2		NUMBER OF GRAINS										NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS	
TOTAL # OF PANNINGS		MEASUREMENT (MICRONS)		RESHAPED		MODIFIED		PRISTINE		TOTAL					
SAMPLE #	PANNED	DIAMETER	THICKNESS	T	P	T	P	T	P						
CS4060															
		25 X 50	8 C	3							3				
		50 X 50	10 C	2							2				
		50 X 100	15 C	1							1				
		75 X 100	75 M		1						1				
											10	25.6	220		
105109	Y	15 X 50	7 C	3							3	No sulphides.			
		25 X 25	5 C			1		1			2				
		25 X 50	8 C	2	1			1			4				
		25 X 75	10 C	1		1					2				
		50 X 50	10 C	2		1					3				
		50 X 75	13 C	1							1				
		50 X 100	15 C						1		1				
		X	0 C					1			1				
											17	38.0	66		
105110	Y	15 X 15	3 C			1		2			3	No sulphides.			
		15 X 50	7 C	1		1					2				
		25 X 25	5 C	1		1					2				
		25 X 50	8 C	2	1						3				
		25 X 75	10 C	3	1						4				
		50 X 50	10 C	2	1						3				
											17	36.6	48		
105111	Y	15 X 15	3 C					3			3	No sulphides.			
		15 X 50	7 C	1		1					2				
		25 X 25	5 C	2	2			2	1		7				
		25 X 50	8 C	2				1	2		5				
		25 X 75	10 C	1					1		2				
		50 X 50	10 C	1	1						2				
		50 X 75	25 M					1			1				
		50 X 100	50 M						1		1				
											23	36.2	119		
105112	Y	15 X 15	3 C			4		1			5	No sulphides.			
		15 X 50	7 C	1		1					2				
		25 X 25	5 C		1						1				
		25 X 50	8 C	2	1	1	1				5				
		25 X 75	10 C	1							1				
		50 X 50	25 M			1					1				

## GOLD CLASSIFICATION

## VISIBLE GOLD FROM SHAKING TABLE AND PANNING

MMC\WMT61SEP.WR2				NUMBER OF GRAINS						NON MAG GMS	CALC ASSAY PPB	V.G. REMARKS
TOTAL # OF PANNINGS	MEASUREMENT (MICRONS)			RESHAPED		MODIFIED		PRISTINE TOTAL				
SAMPLE #	PANNED	DIAMETER	THICKNESS	T	P	T	P	T	P			
CS4060										15	28.0	44
105113	Y	15 X	25	4 C	2		1			3		No sulphides.
		15 X	50	7 C				1		1		
		25 X	25	5 C	5		1	1	1	8		
		25 X	50	8 C		1	1			3		
		25 X	75	10 C			1			1		
		25 X	175	20 C				1		1		
		50 X	50	10 C	2			1		3		
		50 X	75	13 C	2		1	1		4		
		50 X	100	15 C			1		1	2		
		75 X	75	15 C	2					2		
		75 X	100	18 C				1		1		
										29	38.6	204
105114	Y	15 X	50	7 C			1			1		No sulphides.
		25 X	25	5 C	2		1			3		
		25 X	50	8 C	1					1		
		25 X	75	10 C	1	1	1	1		4		
		50 X	50	10 C	2					2		
		50 X	75	13 C	2					2		
		75 X	75	15 C	1					1		
		75 X	100	18 C			1			1		
										15	25.8	146
105115	Y	15 X	50	7 C		1	1		1	3		No sulphides.
		25 X	50	8 C	1					1		
		25 X	75	10 C	3					3		
		50 X	75	25 M	1					1		
		50 X	100	15 C		1		1		2		
		50 X	125	18 C					1	1		
		50 X	125	50 M		1				1		
										12	31.6	212
105116	Y	25 X	25	5 C	1		2			3		No sulphides.
		25 X	50	8 C	3		1			4		
		50 X	50	10 C		1				1		
		50 X	75	13 C			1			1		
		75 X	100	18 C		1				1		
										10	33.2	60

## GOLD CLASSIFICATION

## VISIBLE GOLD FROM SHAKING TABLE AND PANNING

WMC\MMT61SEP.WR2		NUMBER OF GRAINS										NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
TOTAL # OF PANNINGS		MEASUREMENT (MICRONS)		RESHAPED		MODIFIED		PRISTINE		TOTAL				
SAMPLE #	PANNED	DIAMETER	THICKNESS	T	P	T	P	T	P					
CS4060														
105117	N	100 X 125	22 C	1							1			
											1	14.2	149	
105118	Y	15 X 15	3 C			1					1			No sulphides.
		15 X 50	7 C		1	2					3			
		25 X 25	5 C	1		3		1			5			
		25 X 50	8 C	2	1	1		3	1		8			
		25 X 75	10 C			1					1			
		50 X 50	10 C	1	2						3			
		50 X 75	13 C					1	1		2			
		50 X 100	15 C			1					1			
											24	42.8	72	
105119	Y	15 X 15	3 C	9		1		2			12			No sulphides.
		15 X 25	4 C	4	1	1		2			8			
		15 X 50	7 C	3		1					4			
		25 X 25	5 C	6			1	1			8			
		25 X 50	8 C	6	3			2	2		13			
		25 X 75	10 C	2		1					3			
		50 X 50	10 C					1			1			
		50 X 75	13 C		1	1					2			
		50 X 100	15 C		1						1			
		50 X 175	22 C		1						1			
											53	35.6	166	
105120	Y	15 X 15	3 C	5				1			6			No sulphides.
		15 X 25	4 C	2						1	3			
		25 X 25	5 C		2	1					3			
		25 X 50	8 C		1			1			2			
		50 X 50	10 C		1						1			
		50 X 75	13 C	1	1						2			
											17	36.0	35	

12/11/98

PROJECT: CS4060

TOTAL OF 20 SAMPLES.

FILENAME: WMC\WMTG2SEK.WR1

## SAMPLE DESCRIPTION

SAMPLE NUMBER	WEIGHT (KILOGRAMS)					CLASTS >2.0 mm				MATRIX (1.0 mm)						CLASS		
	BULK REC'VED	TABLE SPLIT	+2 mm CLASTS	1-2 mm CLASTS	TABLE FEED	S I Z E	PERCENTAGE				GRAIN SIZE DISTRIBUTION			COLOUR			O R G .	
							V/S	GR	LS	OT	S/U	SD	ST	CY	SAND			CLAY
CS4060																		
105121	12.70	12.15	1.00	0.85	10.30	P	10	90	0	0	U	Y	Y	Y	GB	GB	TILL	
105122	11.25	10.70	1.00	0.70	9.00	P	15	85	0	0	U	Y	Y	Y	GB	GY	TILL	
105123	9.75	9.15	1.65	0.65	6.85	P	35	65	0	0	U	Y	Y	Y	GB	B	TILL	
105124	12.95	12.40	1.70	0.65	10.05	P	30	70	0	0	U	Y	+	Y	BN	BN	TILL	
105125	14.05	13.40	0.05	0.05	13.30	G	20	80	0	0	S	F	Y	N	B	NA	SAND+SILT	
105126	9.70	9.20	0.95	0.45	7.80	P	15	85	0	0	U	Y	+	Y	LOC	BN	TILL	
105127	12.60	12.10	1.90	0.95	9.25	P	30	70	0	0	U	Y	Y	Y	BN	BN	TILL	
105128	11.50	10.90	1.70	0.65	8.55	P	10	90	0	0	U	Y	+	Y	LOC	LOC	TILL	
105129	7.65	7.20	1.55	0.45	5.20	P	20	80	0	0	U	Y	Y	Y	LOC	LOC	TILL	
105130	14.15	13.55	3.00	0.50	10.05	P	20	80	0	0	U	Y	+	Y	LOC	LOC	TILL	
105131	12.85	12.25	2.05	0.70	9.50	P	10	90	0	0	U	Y	Y	Y	LOC	LOC	TILL	
105132	12.25	11.70	2.25	0.65	8.80	P	10	90	0	0	U	Y	Y	Y	LOC	LOC	TILL	
105133	10.15	9.60	1.60	0.55	7.45	P	10	90	0	0	U	Y	Y	Y	LOC	LOC	TILL	
105134	14.15	13.65	2.15	0.75	10.75	P	20	80	0	0	U	Y	+	Y	LOC	LOC	TILL	
105135	12.20	11.70	1.10	0.60	10.00	P	30	70	0	0	U	Y	Y	Y	GB	GB	TILL	
105136	10.90	10.35	0.25	0.15	9.95	P	10	90	0	0	S	F	Y	N	B	NA	SAND+SILT	
105137	12.45	11.95	1.85	0.95	9.15	P	20	80	0	0	U	Y	Y	Y	GB	GB	TILL	
105138	11.70	11.15	1.95	0.75	8.45	P	10	90	0	0	U	Y	Y	Y	GB	GB	TILL	
105139	9.55	9.10	1.85	0.70	6.55	P	20	80	0	0	U	Y	Y	Y	GBN	GBN	TILL	
105140	11.50	10.90	1.20	0.70	9.00	P	10	90	0	0	U	+	Y	-	B	GB	TILL	

## OVERBURDEN DRILLING MANAGEMENT LIMITED

## GOLD GRAIN SUMMARY SHEET

WMC\WMTG1OCT.WR2

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
CS4060									
105121	31	16	7	8	41.2	90	41	14	35
105122	29	16	3	10	36.0	94	47	13	34
105123	25	15	2	8	27.4	63	47	2	14
105124	32	16	7	9	40.2	217	76	126	14
105125	26	18	4	4	53.2	59	47	9	3
105126	11	6	2	3	31.2	74	43	4	27
105127	16	8	4	4	37.0	210	185	24	1
105128	34	16	5	13	34.2	9707	9518	24	165
105129	14	8	4	2	20.8	656	630	14	13
105130	27	19	2	6	40.2	87	80	1	6
105131	20	15	5	0	38.0	176	45	131	0
105132	30	21	6	3	35.2	190	65	12	113
105133	11	7	1	3	29.8	74	60	0	14
105134	27	10	12	5	43.0	47	29	15	3
105135	6	5	1	0	40.0	40	40	0	0
105136	10	6	3	1	39.8	36	20	12	5
105137	8	4	3	1	36.6	20	12	8	1
105138	15	4	4	7	33.8	165	19	14	132
105139	19	12	3	4	26.2	170	118	27	25
105140	48	32	7	9	36.0	217	197	11	9

\*Calculated PPB based on assumed HMC weight equivalent to 1/250th of the table feed.

GOLD CLASSIFICATION

## VISIBLE GOLD FROM SHAKING TABLE AND PANNING

WMC\MT610CT.WR2		TOTAL # OF PANNINGS		MEASUREMENT (MICRONS)		NUMBER OF GRAINS						NON	CALC	V.G.	REMARKS
SAMPLE #	PANNED	Y/N	DIAMETER	THICKNESS	RESHAPED		MODIFIED		PRISTINE		TOTAL	MAG	ASSAY		
					T	P	T	P	T	P	GMS	PPB			
CS4060															
105121	Y		15 X 15	3 C					1		1				No sulphides.
			15 X 25	4 C	1		1				2				
			15 X 50	7 C			1		3		4				
			25 X 25	5 C	2	2	2				6				
			25 X 50	8 C	5		1			1	7				
			25 X 75	10 C	5			1			6				
			50 X 50	10 C		1	1		1		3				
			50 X 75	13 C						1	1				
			50 X 100	15 C						1	1				
											31	41.2	90		
105122	Y		15 X 25	4 C	3				1		4				No sulphides.
			15 X 50	7 C	1	2			2		5				
			25 X 25	5 C	2		1		3		6				
			25 X 50	8 C	4		1		1		6				
			50 X 50	10 C	1	1			1		3				
			50 X 75	13 C	1	1	1		2		5				
											29	36.0	94		
105123	Y		15 X 15	3 C	3		1		2		6				No sulphides.
			15 X 25	4 C		2					2				
			15 X 50	7 C	1		1				2				
			25 X 25	5 C	2	2			2	2	8				
			25 X 50	8 C	2					1	3				
			25 X 75	10 C					1		1				
			50 X 50	10 C	1						1				
			50 X 75	13 C	2						2				
											25	27.4	63		
105124	Y		15 X 15	3 C	3		1				4				No sulphides.
			15 X 25	4 C	1			1	2	1	5				
			15 X 50	7 C					2		2				
			25 X 25	5 C	5			1	2		8				
			25 X 50	8 C	1		1				2				
			25 X 75	10 C	1	1		1	1	1	5				
			50 X 50	10 C		1					1				
			50 X 75	13 C	2						2				
			50 X 125	18 C			1				1				
			75 X 125	50 M				1			1				
			100 X 100	20 C	1						1				
											32	40.2	217		

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

WMC\MMT610CT.WR2

TOTAL # OF PANNINGS 20

NUMBER OF GRAINS

SAMPLE #	PANNED	MEASUREMENT (MICRONS)		NUMBER OF GRAINS						NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
		DIAMETER	THICKNESS	RESHAPED		MODIFIED		PRISTINE TOTAL				
				T	P	T	P	T	P			
CS4060												
105125	Y	15 X 15	3 C	3		2				5		No sulphides.
		15 X 25	4 C	1				1		2		
		15 X 50	7 C					2		2		
		25 X 25	5 C	4				1		5		
		25 X 50	8 C	3		1				4		
		25 X 75	10 C	1						1		
		50 X 50	10 C	2	1					3		
		50 X 75	13 C	1	1		1			3		
		50 X 100	15 C	1						1		
										26	53.2	59
105126	Y	10 X 10	2 C					1		1		No sulphides.
		15 X 25	4 C	1						1		
		15 X 50	7 C			1				1		
		25 X 85	11 C	2						2		
		25 X 50	8 C	1		1				2		
		25 X 100	13 C	1						1		
		50 X 50	10 C					1		1		
		50 X 75	13 C	1						1		
		50 X 100	15 C					1		1		
										11	31.2	74
105127	Y	15 X 15	3 C						2	2		No sulphides.
		15 X 25	4 C	2		1		1		4		
		15 X 50	7 C			1				1		
		25 X 25	5 C	1				1		2		
		25 X 50	8 C	1	1					2		
		25 X 75	10 C	1						1		
		25 X 125	15 C			1				1		
		50 X 50	10 C	1			1			2		
		150 X 175	31 C		1					1		
										16	37.0	210
105128	Y	15 X 15	3 C	2					1	3		No sulphides.
		15 X 25	4 C	2		1		2	1	6		
		15 X 50	7 C	2		1		3		6		
		25 X 25	5 C	2		1		2		5		
		25 X 50	8 C	2		1		1		4		
		25 X 75	10 C	2				1		3		
		25 X 100	13 C	1						1		
		50 X 50	10 C	1				1		2		

## GOLD CLASSIFICATION

## VISIBLE GOLD FROM SHAKING TABLE AND PANNING

WMC\WMTG10CT.WR2		NUMBER OF GRAINS										NON MAG GMS	CALC V.G. PPB	REMARKS
TOTAL # OF PANNINGS		MEASUREMENT (MICRONS)		RESHAPED		MODIFIED		PRISTINE		TOTAL				
SAMPLE #	PANNED	DIAMETER	THICKNESS	T	P	T	P	T	P					
20														
CS4060		50 X 100	15 C		1						1			
		75 X 75	15 C			1					1			
		125 X 175	29 C					1			1			
		425 X 750	125 M	1							1			
											34	34.2	9707	
105129	Y	15 X 25	4 C				1				1	No sulphides.		
		15 X 50	7 C	1		1					2			
		25 X 25	5 C	3		1					4			
		25 X 50	8 C					1			1			
		25 X 75	10 C			1		1			2			
		50 X 50	10 C	1							1			
		50 X 100	15 C	1							1			
		75 X 125	20 C	1							1			
		100 X 175	75 M		1						1			
											14	20.8	656	
105130	Y	15 X 15	3 C			1		1			2	No sulphides.		
		15 X 25	4 C	1	1			1			3			
		15 X 50	7 C	1				1			2			
		25 X 25	5 C	4		1		1			6			
		25 X 50	8 C	3	1			2			6			
		25 X 75	10 C	2							2			
		50 X 50	10 C	3							3			
		50 X 75	13 C	2							2			
		75 X 100	18 C	1							1			
											27	40.2	87	
105131	Y	15 X 25	4 C			2					2	No sulphides.		
		15 X 50	7 C	1							1			
		25 X 25	5 C	2		1					3			
		25 X 50	8 C	7	1						8			
		25 X 75	10 C	2							2			
		50 X 50	10 C	1		1					2			
		50 X 75	13 C	1							1			
		100 X 125	50 M			1					1			
											20	38.0	176	
105132	Y	15 X 25	4 C	2		1					3	No sulphides.		
		15 X 50	7 C	5		2		1			8			
		25 X 25	5 C	5			1				6			

## GOLD CLASSIFICATION

## VISIBLE GOLD FROM SHAKING TABLE AND PANNING

WMC\WMT61OCT.WR2

## NUMBER OF GRAINS

TOTAL # OF PANNINGS 20

SAMPLE #	PANNED	MEASUREMENT (MICRONS)		RESHAPED				MODIFIED		PRISTINE		TOTAL	NON MAG GMS	CALC V.G. PPB	REMARKS
		DIAMETER	THICKNESS	T	P	T	P	T	P						
										Y/N					
CS4060		25 X 50	8 C	5	1	1		1			8				
		25 X 75	10 C	1							1				
		50 X 50	10 C	1		1					2				
		50 X 125	18 C	1							1				
		125 X 150	27 C					1			1				
											30	35.2	190		
105133	Y	15 X 25	4 C	1		1		1			3			No sulphides.	
		15 X 50	7 C	1							1				
		25 X 25	5 C	2				1			3				
		25 X 50	8 C	1	1						2				
		25 X 100	13 C					1			1				
		75 X 125	20 C	1							1				
											11	29.8	74		
105134	Y	15 X 15	3 C	1		1		2			4			No sulphides.	
		15 X 25	4 C			2		1			3				
		15 X 50	7 C	2		3	1				6				
		25 X 25	5 C	2		1	1	1			5				
		25 X 50	8 C	3		1	1	1			6				
		25 X 75	10 C	1		1					2				
		50 X 100	15 C	1							1				
											27	43.0	47		
105135	Y	15 X 15	3 C					1			1			No sulphides.	
		25 X 75	10 C	2							2				
		50 X 50	10 C	1							1				
		50 X 75	13 C	1							1				
		75 X 75	15 C	1							1				
											6	40.0	40		
105136	Y	25 X 25	5 C	1	1	1					3			No sulphides.	
		25 X 50	8 C	2		1					3				
		25 X 75	10 C	1							1				
		50 X 50	10 C						1		1				
		50 X 75	13 C	1		1					2				
											10	39.8	36		
105137	Y	15 X 25	4 C			1					1			No sulphides.	
		25 X 25	5 C	2				1			3				

## GOLD CLASSIFICATION

## VISIBLE GOLD FROM SHAKING TABLE AND PANNING

WMC\WMTG10CT.WR2

TOTAL # OF PANNINGS 20

## NUMBER OF GRAINS

SAMPLE #	PANNED	MEASUREMENT (MICRONS)		RESHAPED				MODIFIED		PRISTINE		TOTAL	NON MAG GMS	CALC V.G. PPB	REMARKS
		DIAMETER	THICKNESS	T		P		T		P					
				T	P	T	P	T	P						
CS4060		25 X	50	8 C					1			1			
		25 X	75	10 C				1				1			
		50 X	50	10 C	2							2			
												8	36.6	20	
105138	Y	15 X	15	3 C	1					1		2			No sulphides.
		15 X	25	4 C				1				1			
		15 X	50	7 C						1		1			
		15 X	75	9 C						1		1			
		25 X	25	5 C						2		2			
		25 X	50	8 C		1	1					2			
		25 X	75	10 C			1					1			
		50 X	50	10 C	1		1					2			
		50 X	75	13 C	1					1		2			
		100 X	175	27 C						1		1			
												15	33.8	165	
105139	Y	15 X	25	4 C	1							1			No sulphides.
		15 X	50	7 C	1					1		2			
		15 X	75	9 C				1				1			
		25 X	25	5 C	1					1		2			
		25 X	50	8 C	3	1						4			
		50 X	50	10 C	2		1			1		4			
		50 X	75	13 C			1			1		2			
		50 X	100	15 C	2							2			
		50 X	125	18 C	1							1			
												19	26.2	170	
105140	Y	15 X	15	3 C	2		1			4	1	8			No sulphides.
		15 X	25	4 C	4							4			
		15 X	50	7 C	5	1	3			1		10			
		25 X	25	5 C	5		2			2		9			
		25 X	50	8 C	6							6			
		25 X	75	10 C	2		1				1	4			
		50 X	50	10 C	3							3			
		50 X	75	13 C	2							2			
		75 X	75	15 C	1							1			
		75 X	125	50 M	1							1			
												48	36.0	217	

12/17/98

PROJECT: CS4060

TOTAL OF 21 SAMPLES.

FILENAME: WMC\WMTG2SEK.WR1

## SAMPLE DESCRIPTION

SAMPLE NUMBER	WEIGHT (KILOGRAMS)					CLASTS >2.0 mm					MATRIX (1.0 mm)					CLASS		
	BULK REC'VED	TABLE SPLIT	+2 mm CLASTS	1-2 mm CLASTS	TABLE FEED	S I Z E	PERCENTAGE				GRAIN SIZE DISTRIBUTION				COLOUR		G R G .	
							V/S	GR	LS	OT	S/U	SD	ST	CY	SAND			CLAY
CS4060																		
105141	12.05	11.60	1.60	0.65	9.35	P	15	85	0	0	U	Y	+	Y	GB	GB	TILL	
105142	11.40	10.90	2.20	0.85	7.85	P	30	70	0	0	U	Y	Y	Y	GB	GB	TILL	
105143	12.55	12.05	1.30	0.75	10.00	P	30	70	0	0	U	Y	Y	Y	GB	GB	TILL	
105144	12.00	11.50	1.45	0.70	9.35	P	20	80	0	0	U	Y	Y	Y	B	B	TILL	
105145	9.65	9.15	1.95	0.60	6.60	P	30	70	0	0	U	Y	Y	Y	GB	GB	TILL	
105146	12.30	11.80	1.70	0.80	9.30	C	30	70	0	0	U	Y	Y	Y	B	B	TILL	
105147	11.85	11.30	0.80	0.40	10.10	C	30	70	0	0	U	Y	Y	Y	B	B	TILL	
105148	9.80	9.25	1.65	0.55	7.05	P	30	70	0	0	U	Y	Y	Y	B	B	TILL	
105149	13.30	12.75	2.50	0.75	9.50	P	40	60	0	0	U	Y	Y	Y	B	GB	TILL	
105150	11.20	10.65	1.70	0.70	8.25	P	40	60	0	0	U	Y	Y	Y	LOC	LOC	TILL	
105151	15.90	15.35	4.50	1.00	9.85	C	50	50	0	0	U	Y	Y	Y	B	B	TILL	
105152	11.55	11.05	2.25	0.50	8.30	C	50	50	0	0	U	Y	Y	Y	B	B	TILL	
105153	15.30	14.70	1.45	0.85	12.40	C	40	60	0	0	U	Y	+	Y	B	B	TILL	
105154	11.65	11.15	2.75	0.70	7.70	C	50	50	0	0	U	Y	Y	Y	B	B	TILL	
105155	15.70	15.15	0.80	0.50	13.85	P	50	50	0	0	U	Y	+	Y	GB	GB	TILL	
105156	12.85	12.30	1.35	0.55	10.40	P	40	60	0	0	U	Y	Y	Y	BN	BN	TILL	
105157	13.85	13.30	2.10	0.75	10.45	P	30	70	0	0	U	Y	Y	Y	BN	BN	TILL	
105158	10.70	10.10	4.60	1.20	4.30	C	50	50	0	0	U	+	Y	-	DOC	DOC	TILL+SOIL	
105159	12.70	12.20	0.80	0.60	10.80	P	50	50	0	0	U	Y	Y	Y	B	B	TILL	
105160	11.80	11.30	1.15	0.55	9.60	P	50	50	0	0	U	Y	Y	Y	B	B	TILL	
105162	9.05	8.65	2.50	0.55	5.60	P	70	30	0	0	U	Y	Y	-	GN	GN	RUBBLE	

## OVERBURDEN DRILLING MANAGEMENT LIMITED

## GOLD GRAIN SUMMARY SHEET

WMC\WMTG1NOV.WR2

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
CS4060									
105141	62	36	14	12	37.4	529	235	187	107
105142	15	9	2	4	31.4	36	26	7	3
105143	46	31	4	11	40.0	7093	7075	3	15
105144	43	26	10	7	37.4	134	106	19	9
105145	4	2	1	1	26.4	8	5	2	1
105146	17	8	3	6	37.2	255	229	17	9
105147	24	9	7	8	40.4	82	39	32	11
105148	18	8	4	6	28.2	81	58	12	11
105149	32	12	9	11	38.0	829	569	160	100
105150	65	30	14	21	33.0	217	86	50	81
105151	24	14	4	6	39.4	51	27	17	7
105152	33	14	5	14	33.2	1059	953	33	74
105153	34	16	4	14	49.6	64	26	10	28
105154	62	13	10	39	30.8	831	338	234	259
105155	52	25	11	16	55.4	115	57	30	28
105156	26	20	4	2	41.6	44	28	14	1
105157	32	28	3	1	41.8	30	26	4	1
105158	1	1	0	0	17.2	5	5	0	0
105159	32	15	6	11	43.2	73	39	13	20
105160	18	11	3	4	38.4	24	15	1	8
105162	4	4	0	0	22.4	6	6	0	0

\*Calculated PPB based on assumed HMC weight equivalent to 1/250th of the table feed.

## GOLD CLASSIFICATION

## VISIBLE GOLD FROM SHAKING TABLE AND PANNING

WMC\WMTGINDV.WR2

TOTAL # OF PANNINGS 18

## NUMBER OF GRAINS

SAMPLE #	PANNED	MEASUREMENT (MICRONS)		NUMBER OF GRAINS						NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS	
		DIAMETER	THICKNESS	RESHAPED		MODIFIED		PRISTINE					TOTAL
				T	P	T	P	T	P				
CS4060													
105141	Y	15 X 15	3 C	2		2		2		6		No sulphides.	
		15 X 25	4 C	4		2				6			
		15 X 50	7 C	3		2		2		7			
		25 X 25	5 C	4	2	2		2		10			
		25 X 50	8 C	5		1		1		7			
		25 X 75	10 C	3	1	1		1		6			
		25 X 175	20 C					1		1			
		50 X 50	10 C	5		1		1		7			
		50 X 75	13 C	3		1		1		5			
		50 X 100	15 C	2						2			
		50 X 125	50 M	1						1			
		75 X 100	18 C	1		1				2			
		75 X 125	20 C					1		1			
		150 X 150	29 C			1				1			
										62	37.4	529	
105142	Y	15 X 15	3 C					1		1		No sulphides.	
		15 X 25	4 C	1	1	1		1		4			
		15 X 50	7 C						1	1			
		25 X 25	5 C	3				1		4			
		25 X 50	8 C	2						2			
		25 X 75	10 C	1						1			
		50 X 50	10 C			1				1			
		50 X 75	13 C	1						1			
										15	31.4	36	
105143	Y	15 X 15	3 C	4	1	2		2		9		No sulphides.	
		15 X 25	4 C	6	2			1		9			
		15 X 50	7 C	3				1		4			
		25 X 25	5 C	4	1	1		3		9			
		25 X 50	8 C	6		1		3		10			
		50 X 50	10 C	3				1		4			
		325 X 450	250 M	1						1			
										46	40.0	7093	
105144	Y	15 X 15	3 C						1	1		No sulphides.	
		15 X 25	4 C	1	1		2	1	1	6			
		15 X 50	7 C	3		1		1		5			
		25 X 25	5 C	5		2	1	2		10			
		25 X 50	8 C	6		2				8			
		25 X 75	10 C	2		2				4			
		50 X 50	10 C	4				1		5			

## GOLD CLASSIFICATION

## VISIBLE GOLD FROM SHAKING TABLE AND PANNING

MHC\MMT61NOV.WR2		NUMBER OF GRAINS										NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS		
TOTAL # OF PANNINGS		MEASUREMENT (MICRONS)		RESHAPED		MODIFIED		PRISTINE		TOTAL						
SAMPLE #	PANNED	DIAMETER	THICKNESS	T	P	T	P	T	P							
TOTAL # OF PANNINGS		18														
CS4060		50 X 75	13 C	2							2					
		50 X 100	15 C	1							1					
		75 X 75	15 C	1							1					
											43	37.4	134			
105145	N	15 X 50	7 C	1		1					2					
		25 X 25	5 C					1			1					
		25 X 50	8 C	1							1					
											4	26.4	8			
105146	Y	15 X 25	4 C	1	1						2	No sulphides.				
		25 X 25	5 C	1				2	1		4					
		25 X 50	8 C	2		1		3			6					
		25 X 75	10 C	1							1					
		50 X 50	10 C			1					1					
		50 X 75	13 C			1					1					
		50 X 125	18 C		1						1					
		125 X 150	50 M		1						1					
											17	37.2	255			
105147	Y	15 X 15	3 C					1			1	No sulphides.				
		15 X 25	4 C					1	1		2					
		15 X 50	7 C	1		1		2			4					
		25 X 25	5 C	2		1		1			4					
		25 X 50	8 C	1		1		1			3					
		25 X 75	10 C	1		1		1			3					
		50 X 50	10 C	3		1					4					
		50 X 75	13 C			1	1				2					
		50 X 100	15 C	1							1					
											24	40.4	82			
105148	Y	15 X 15	3 C							1	1	No sulphides.				
		15 X 50	7 C			1		2			3					
		25 X 25	5 C	2		1		1			4					
		25 X 50	8 C	1		1		1	1		4					
		25 X 75	10 C	1		1					2					
		25 X 100	13 C	1							1					
		50 X 50	10 C	1							1					
		50 X 75	13 C	2							2					
											18	28.2	81			

## GOLD CLASSIFICATION

## VISIBLE GOLD FROM SHAKING TABLE AND PANNING

WMC\MMTG\INOV.WR2		NUMBER OF GRAINS										NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
TOTAL # OF PANNINGS		MEASUREMENT (MICRONS)		RESHAPED		MODIFIED		PRISTINE		TOTAL				
SAMPLE #	PANNED	DIAMETER	THICKNESS	T	P	T	P	T	P					
Y/N														
CS4060														
105149	Y	15 X 15	3 C	1		2		2		5		No sulphides.		
		15 X 25	4 C		1			1	2	4				
		15 X 50	7 C	3		1				4				
		25 X 25	5 C	3				1		4				
		25 X 50	8 C			1	1			2				
		25 X 75	10 C					1		1				
		25 X 100	13 C		1		1			2				
		50 X 50	10 C	1				1		2				
		50 X 75	13 C			2		1		3				
		50 X 75	50 M						1	1				
		50 X 125	18 C		1					1				
		50 X 150	20 C						1	1				
		100 X 125	50 M			1				1				
		125 X 200	100 M	1						1				
										32	38.0	829		
105150														
105150	Y	15 X 15	3 C					1		1		No sulphides.		
		15 X 25	4 C	3	1	2		4		10				
		15 X 50	7 C	4		3		2		9				
		25 X 25	5 C	5	1	2	1	3		12				
		25 X 50	8 C	8	1	2		5	1	17				
		25 X 75	10 C	2		1		3		6				
		50 X 50	10 C	3		2				5				
		50 X 75	13 C	1	1			1		3				
		50 X 100	15 C			1				1				
		50 X 125	18 C					1		1				
										65	33.0	217		
105151														
105151	Y	15 X 15	3 C	1						1		No sulphides.		
		15 X 50	7 C		1					1				
		25 X 25	5 C	5		1		4		10				
		25 X 50	8 C	2	2	1		2		7				
		25 X 75	10 C		1					1				
		50 X 50	10 C	2		1				3				
		50 X 75	13 C			1				1				
										24	39.4	51		
105152														
105152	Y	15 X 15	3 C	1	1				1	3		No sulphides.		
		15 X 25	4 C	2	1	1		1		5				
		15 X 50	7 C	1		1		1		3				
		25 X 25	5 C	1				2		3				



## GOLD CLASSIFICATION

## VISIBLE GOLD FROM SHAKING TABLE AND PANNING

WMC\WMTG1NOV.WR2

## NUMBER OF GRAINS

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS)		NUMBER OF GRAINS						NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS		
		DIAMETER	THICKNESS	RESHAPED		MODIFIED		PRISTINE					TOTAL	
				T	P	T	P	T	P					
TOTAL # OF PANNINGS		18												
CS4060		15 X	50	7 C	3		1		4	1	9			
		25 X	25	5 C	4	1	2		3		10			
		25 X	50	8 C	5		2		2		9			
		25 X	75	10 C	1		1		1		3			
		50 X	50	10 C	3		1		1		5			
		50 X	75	13 C	1						1			
		50 X	100	15 C		1			1		2			
		75 X	75	15 C	1						1			
		75 X	100	18 C			1				1			
											52	55.4	115	
105156	Y	15 X	15	3 C	2	1					3			
		15 X	25	4 C	4		1	1	1		7			
		25 X	25	5 C	6					1	7			
		25 X	50	8 C	4	1					5			
		25 X	75	10 C	1						1			
		50 X	50	10 C			1				1			
		50 X	75	13 C	1		1				2			
											26	41.6	44	
105157	Y	10 X	10	2 C	4						4			No sulphides.
		15 X	15	3 C	6						6			
		15 X	25	4 C	5						5			
		15 X	50	7 C	2	1		1			4			
		25 X	25	5 C	4	1	1		1		7			
		25 X	50	8 C	4		1				5			
		50 X	75	13 C	1						1			
											32	41.8	30	
105158	N	25 X	50	8 C	1						1			
											1	17.2	5	
105159	Y	15 X	15	3 C		1					1			No sulphides.
		15 X	25	4 C			1		3		4			
		15 X	50	7 C	2		1		3		6			
		25 X	25	5 C		1	1		1		3			
		25 X	50	8 C	5		1		1		7			
		25 X	75	10 C	2				1		3			
		50 X	50	10 C	4		2		2		8			
											32	43.2	73	

## GOLD CLASSIFICATION

## VISIBLE GOLD FROM SHAKING TABLE AND PANNING

WMC\WMTG\INDV.WR2		NUMBER OF GRAINS										NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS	
TOTAL # OF PANNINGS		MEASUREMENT (MICRONS)		RESHAPED		MODIFIED		PRISTINE		TOTAL					
SAMPLE #	PANNED	DIAMETER	THICKNESS	T	P	T	P	T	P						
CS4060															
105160	Y	15 X	15	3 C	2		1				3		No sulphides.		
		15 X	25	4 C	4		1				5				
		25 X	25	5 C	1	1	1	1	1		5				
		25 X	50	8 C	1			1			2				
		25 X	75	10 C	2			1			3				
											18	38.4	24		
105162	N	15 X	25	4 C	1						1				
		25 X	25	5 C	2						2				
		25 X	50	8 C	1						1				
											4	22.4	6		

OVERBURDEN DRILLING MANAGEMENT LIMITED  
LABORATORY SAMPLE LOG

02/01/99

PROJECT: 4060

TOTAL OF 20 SAMPLES

FILENAME: WNASIJAK.WR1

SAMPLE DESCRIPTION

SAMPLE NUMBER	WEIGHT (KILOGRAMS)					SAMPLE DESCRIPTION										CLASS		
	BULK RECOVERED	TABLE SPLIT	CLASTS		TABLE FEED	CLASTS >2.0 mm				MATRIX (1.0 mm)								
			+2 mm	1-2 mm		S	PERCENTAGE			GRAIN SIZE DISTRIBUTION			COLOUR		R			
E	V/S	GR	LS	OT	S/U	SD	ST	CY	SAND	CLAY	.	G						
4060																		
105161	11.00	10.55	0.70	0.60	9.25	G	10	90	0	0	U	+	-	N	LOC	NA		TILL
105163	11.80	11.25	1.45	0.60	9.20	P	5	95	0	0	U	+	-	-	GB	GB		TILL
105164	11.85	11.40	1.80	0.70	8.90	P	10	90	0	0	U	+	-	N	GB	NA		TILL
105165	11.60	11.05	1.70	0.65	8.70	P	10	90	0	0	U	+	-	N	GB	NA		TILL
105166	11.05	10.55	1.75	0.65	8.15	P	5	95	0	0	U	+	-	N	GB	NA		TILL
105167	11.95	11.45	1.20	0.75	9.50	G	10	90	0	0	U	+	-	N	GB	NA		TILL
105168	12.65	12.20	0.05	0.05	12.10	G	10	90	0	0	S	F	+	Y	GY	GY		SAND+SOIL
105169	11.00	10.45	3.90	1.15	5.40	P	85	15	0	0	U	+	Y	-	DOC	DOC		TILL
105170	11.65	11.15	1.40	0.60	9.15	P	60	40	0	0	U	+	-	N	LOC	NA		TILL
105171	12.35	11.80	0.75	0.50	10.55	P	70	30	0	0	U	+	Y	-	GB	GB		TILL
105172	10.90	10.40	1.30	0.65	8.45	P	75	25	0	0	U	+	Y	N	DBN	NA		TILL
105173	13.50	12.90	1.30	0.75	10.85	P	60	40	0	0	U	+	-	-	LOC	LOC		TILL
105174	12.00	11.55	1.60	0.75	9.20	P	40	60	0	0	U	+	-	N	GB	NA		TILL
105175	14.10	13.55	2.70	0.80	10.05	C	30	70	0	0	U	+	-	N	GB	NA		TILL
105176	10.55	10.05	1.60	0.65	7.80	P	20	80	0	0	U	+	-	N	LOC	NA		TILL
105177	12.55	12.00	1.95	0.65	9.40	P	20	80	0	0	U	+	-	-	B	GB		TILL
105178	11.95	11.40	1.45	0.65	9.30	G	25	75	0	0	U	+	-	-	LBN	LBN		TILL
105179	12.35	11.90	1.55	0.75	9.60	P	30	70	0	0	U	+	-	-	LOC	LOC		TILL
105180	9.45	9.00	0.75	0.35	7.90	G	20	80	0	0	U	+	-	-	GB	GB		TILL
105181	12.40	11.90	1.55	0.70	9.65	P	30	70	0	0	U	+	-	N	B	NA		TILL

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

WMC\WMAS1JAN.WR2

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
4060									
105161	18	17	0	1	202.8	9	9	0	0
105163	17	12	3	2	181.1	16	11	3	2
105164	15	11	0	4	187.0	7	6	0	1
105165	3	3	0	0	194.2	2	2	0	0
105166	8	6	1	1	130.5	23	15	8	0
105167	15	12	1	2	167.1	14	13	0	1
105168	13	9	3	1	100.5	11	5	4	2
105169	5	2	2	1	139.6	9	7	2	0
105170	8	8	0	0	196.6	7	7	0	0
105171	15	11	2	2	161.3	5	4	0	0
105172	16	15	0	1	187.2	12	12	0	0
105173	5	4	0	1	247.3	1	1	0	0
105174	2	2	0	0	183.9	1	1	0	0
105175	9	8	1	0	155.7	4	4	0	0
105176	10	8	2	0	169.4	4	3	2	0
105177	12	8	1	3	202.6	3	3	0	0
105178	7	7	0	0	186.6	16	16	0	0
105179	9	7	2	0	219.4	3	3	1	0
105180	4	2	0	2	227.8	4	4	0	0
105181	13	10	2	1	258.3	11	8	2	1

## GOLD CLASSIFICATION

## VISIBLE GOLD FROM SHAKING TABLE AND PANNING

WMC\MMAS1JAN.WR2		NUMBER OF GRAINS										NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS	
TOTAL # OF PANNINGS		MEASUREMENT (MICRONS)		RESHAPED		MODIFIED		PRISTINE		TOTAL					
SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	T	P	T	P	T	P						
4060															
105161	Y	15 X 25	4 C	1						1			No sulphides.		
		25 X 25	5 C	5				1		6					
		25 X 50	8 C	4						4					
		25 X 75	10 C	2	1					3					
		50 X 50	10 C	3	1					4					
											18	202.8	9		
105163	Y	15 X 50	7 C	3		1				4			No sulphides.		
		25 X 25	5 C	3	1			1		5					
		25 X 50	8 C	1						1					
		25 X 75	10 C	1		1				2					
		50 X 75	13 C	2		1		1		4					
		50 X 100	15 C	1						1					
											17	181.1	16		
105164	Y	15 X 25	4 C	2						2			No sulphides.		
		15 X 50	7 C	2				1		3					
		25 X 25	5 C	3				1		4					
		25 X 50	8 C	1				2		3					
		25 X 75	10 C		1					1					
		25 X 100	13 C	1						1					
		50 X 50	10 C	1						1					
											15	187.0	7		
105165	N	15 X 50	7 C	1						1					
		25 X 25	5 C	1						1					
		50 X 75	13 C	1						1					
											3	194.2	2		
105166	Y	15 X 15	3 C					1		1			No sulphides.		
		15 X 50	7 C	2						2					
		25 X 25	5 C	2						2					
		50 X 75	13 C	1						1					
		50 X 125	25 M	1						1					
		75 X 75	25 M			1				1					
											8	130.5	23		
105167	Y	15 X 15	3 C	1				1		2			No sulphides.		
		25 X 25	5 C	6		1				7					
		25 X 50	8 C	2						2					

## GOLD CLASSIFICATION

## VISIBLE GOLD FROM SHAKING TABLE AND PANNING

WMC\WMSIJAN.WR2				NUMBER OF GRAINS						NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
TOTAL # OF PANNINGS		MEASUREMENT (MICRONS)		RESHAPED		MODIFIED		PRISTINE TOTAL				
SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	T	P	T	P	T	P			
4060		25 X 75	10 C	1				1		2		
		50 X 50	10 C	1						1		
		75 X 125	20 C	1						1		
										15	167.1	14
105168	Y	15 X 25	4 C	1		1				2		No sulphides.
		15 X 50	7 C	1						1		
		25 X 25	5 C	3		1				4		
		25 X 50	8 C	4						4		
		50 X 50	10 C					1		1		
		50 X 75	13 C			1				1		
										13	100.5	11
105169	N	15 X 25	4 C	1						1		
		25 X 25	5 C			1		1		2		
		50 X 50	10 C			1				1		
		75 X 100	18 C	1						1		
										5	139.6	9
105170	Y	15 X 25	4 C	2						2		No sulphides.
		15 X 50	7 C	1						1		
		25 X 25	5 C	2						2		
		25 X 50	8 C	2						2		
		75 X 100	18 C	1						1		
										8	196.6	7
105171	Y	15 X 25	4 C	1		1		1		3		No sulphides.
		15 X 50	7 C	3						3		
		25 X 25	5 C	5		1		1		7		
		25 X 75	10 C	2						2		
										15	161.3	5
105172	Y	15 X 15	3 C	2						2		No sulphides.
		15 X 25	4 C	1				1		2		
		15 X 50	7 C	3						3		
		25 X 25	5 C	2						2		
		25 X 50	8 C	3						3		
		25 X 75	10 C	1						1		
		50 X 50	10 C	1						1		
		50 X 75	13 C	1						1		

## GOLD CLASSIFICATION

## =====

## VISIBLE GOLD FROM SHAKING TABLE AND PANNING

WMC\WMS1JAN.WR2

## NUMBER OF GRAINS

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS)		NUMBER OF GRAINS						NON MAG GMS	CALC V.G. PPB	REMARKS	
		DIAMETER	THICKNESS	RESHAPED		MODIFIED		PRISTINE					TOTAL
				T	P	T	P	T	P				
4060		75 X 100	18 C	1						1			
										16	187.2	12	
105173	N	25 X 25	5 C	2				1		3			
		25 X 50	8 C	2						2			
										5	247.3	1	
105174	N	25 X 25	5 C	1						1			
		25 X 75	10 C	1						1			
										2	183.9	1	
105175	Y	15 X 25	4 C			1				1			No sulphides.
		15 X 50	7 C	2						2			
		25 X 25	5 C	2						2			
		25 X 50	8 C	3						3			
		25 X 75	10 C	1						1			
										9	155.7	4	
105176	Y	15 X 50	7 C	3						3			No sulphides.
		25 X 25	5 C	4						4			
		25 X 50	8 C				1			1			
		25 X 75	10 C	1						1			
		50 X 50	10 C			1				1			
										10	169.4	4	
105177	Y	15 X 15	3 C	1	1			1		3			No sulphides.
		15 X 25	4 C					2		2			
		15 X 50	7 C	1						1			
		25 X 25	5 C	1	1					2			
		25 X 50	8 C	1		1				2			
		25 X 75	10 C	2						2			
										12	202.6	3	
105178	Y	15 X 50	7 C	1						1			No sulphides.
		25 X 25	5 C	2						2			
		25 X 75	10 C	1						1			
		50 X 100	15 C	2						2			
		75 X 100	25 M	1						1			

## GOLD CLASSIFICATION

## =====

## VISIBLE GOLD FROM SHAKING TABLE AND PANNING

WMC\MASIJAN.WR2

## NUMBER OF GRAINS

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS)		RESHAPED				MODIFIED		PRISTINE		TOTAL	NON MAG GMS	CALC V.G. PPB	REMARKS
		DIAMETER	THICKNESS	T	P	T	P	T	P						
										TOTAL # OF PANNINGS	15				
4060												7	186.6	16	
105179	Y	15 X	15	3 C	2							2			No sulphides.
		15 X	25	4 C	1							1			
		15 X	50	7 C	1			1				2			
		25 X	25	5 C	1							1			
		25 X	50	8 C	1			1				2			
		50 X	75	13 C	1							1			
												9	219.4	3	
105180	N	25 X	25	5 C						2		2			
		25 X	75	10 C	1							1			
		75 X	75	15 C	1							1			
												4	227.8	4	
105181	Y	15 X	50	7 C	1							1			No sulphides.
		25 X	25	5 C	1			1				2			
		25 X	50	8 C	3							3			
		25 X	75	10 C	2							2			
		50 X	50	10 C	1		1			1		3			
		50 X	75	13 C				1				1			
		75 X	75	25 M	1							1			
												13	258.3	11	

OVERBURDEN DRILLING MANAGEMENT LIMITED  
LABORATORY SAMPLE LOG

02/19/99

PROJECT: CS4060

TOTAL OF 19 SAMPLES

FILENAME: WNASIJAK.WR1

## SAMPLE DESCRIPTION

SAMPLE NUMBER	WEIGHT (KILOGRAMS)					CLASTS >2.0 mm					MATRIX <1.0 mm					CLASS	
	BULK REC'VED	TABLE SPLIT	+2 mm CLASTS	1-2 mm CLASTS	TABLE FEED	S I Z E	PERCENTAGE				GRAIN SIZE DISTRIBUTION				COLOUR		G R G
							V/S	GR	LS	OT	S/U	SD	ST	CY			
CS4060																	
105182	12.00	11.45	1.45	0.85	9.15	P	25	75	0	100	U	Y	Y	Y	GB	LOC	TILL
105183	8.25	7.60	2.90	1.55	3.15	P	30	70	0	100	S	MC	N	N	OC	NA	SAND+GRAVEL
105184	12.75	12.15	1.70	0.65	9.80	P	15	85	0	100	U	Y	Y	Y	GB	LOC	TILL
105185	12.70	12.15	1.05	0.55	10.55	P	25	75	0	100	U	Y	Y	Y	GB	LOC	TILL
105186	9.40	8.85	0.85	0.45	7.55	P	25	75	0	100	U	Y	Y	Y	B	LOC	TILL
105187	11.85	11.25	1.25	0.60	9.40	P	15	85	0	100	U	Y	Y	Y	GB	LOC	TILL
105188	10.00	9.45	1.75	0.60	7.10	P	15	85	0	100	U	Y	Y	Y	GB	LOC	TILL
105189	9.05	8.55	1.20	0.50	6.85	P	15	85	0	100	U	Y	Y	Y	GB	LOC	TILL
105190	11.95	11.50	0.95	0.50	10.05	P	15	85	0	100	U	Y	Y	Y	LOC	LOC	TILL
105191	12.85	12.35	2.40	0.60	9.35	P	15	85	0	100	U	Y	Y	Y	GB	GY	TILL
105192	12.15	11.65	1.45	0.45	9.75	P	5	95	0	100	U	Y	Y	Y	GB	GY	TILL
105193	12.70	12.15	1.00	0.50	10.65	P	15	85	0	100	U	Y	Y	Y	GB	GY	TILL
105194	11.85	11.40	3.90	0.70	6.80	P	10	90	0	100	U	Y	Y	Y	GY	GY	TILL
105199	12.95	12.55	3.30	0.80	8.45	C	5	95	0	100	U	Y	Y	Y	LOC	LOC	TILL
105200	12.45	11.95	1.60	0.75	9.60	P	5	95	0	100	U	Y	Y	Y	LOC	LOC	TILL

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

WMC\WMAK1FEB.WR2

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
CS4060									
105182	4	4	0	0	36.6	26	26	0	0
105183	1	1	0	0	12.6	2	2	0	0
105184	3	3	0	0	39.2	10	10	0	0
105185	2	2	0	0	42.2	44	44	0	0
105186	0	0	0	0	30.2	0	0	0	0
105187	8	7	0	1	37.6	41	36	0	5
105188	2	2	0	0	28.4	10	10	0	0
105189	2	2	0	0	27.4	1	1	0	0
105190	2	2	0	0	40.2	1	1	0	0
105191	5	5	0	0	37.4	32	32	0	0
105192	3	2	1	0	39.0	12	2	10	0
105193	11	10	0	1	42.6	99	98	0	1
105194	19	8	6	5	27.2	88	25	54	9
105199	39	18	7	14	33.8	128	91	14	24
105200	32	19	3	10	38.4	177	142	17	18

\*Calculated PPB based on assumed HMC weight equivalent to 1/250th of the table feed.

## GOLD CLASSIFICATION

## VISIBLE GOLD FROM SHAKING TABLE AND PANNING

WMC\WMAK1FEB.WR2

## NUMBER OF GRAINS

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS)		NUMBER OF GRAINS				NON MAG GMS	CALC V.G. PPB	REMARKS		
		DIAMETER	THICKNESS	RESHAPED		MODIFIED					PRISTINE TOTAL	
				T	P	T	P				T	P
CS4060												
105182	N	25 X	25	5 C	1							
		50 X	50	10 C	1							
		50 X	75	13 C	2							
								4	36.6	26		
105183	N	25 X	25	5 C	1							
								1	12.6	2		
105184	N	25 X	25	5 C	1							
		50 X	50	10 C	2							
								3	39.2	10		
105185	N	50 X	75	13 C	1							
		75 X	125	20 C	1							
								2	42.2	44		
105186	N	NO VISIBLE GOLD										
105187	N	25 X	25	5 C	2	1						
		25 X	50	8 C	1							
		50 X	50	10 C	1		1					
		50 X	75	13 C	1							
		50 X	100	15 C	1							
								8	37.6	41		
105188	N	25 X	50	8 C	1							
		50 X	50	10 C	1							
								2	28.4	10		
105189	N	15 X	25	4 C	1							
		25 X	25	5 C	1							
								2	27.4	1		
105190	N	25 X	25	5 C	2							
								2	40.2	1		
105191	N	25 X	50	8 C	2							

## GOLD CLASSIFICATION

## VISIBLE GOLD FROM SHAKING TABLE AND PANNING

WMC\MMK1\FEB.WR2

## NUMBER OF GRAINS

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS)		NUMBER OF GRAINS						NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS	
		DIAMETER	THICKNESS	RESHAPED		MODIFIED		PRISTINE					TOTAL
				T	P	T	P	T	P				
CS4060		50 X 75 X	50 75	10 C 15 C	2 1					2 1			
										5	37.4	32	
105192	N	15 X 25 X 50 X	15 50 75	3 C 8 C 13 C	1 1		1			1 1 1			
										3	39.0	12	
105193	Y	25 X 25 X 25 X 50 X 50 X 75 X	25 50 75 50 100 150	5 C 8 C 10 C 10 C 15 C 22 C	1 1 1 2 2	1 1			1	3 2 1 2 2 1			No sulphides.
										11	42.6	99	
105194	Y	15 X 15 X 25 X 25 X 50 X 75 X	15 25 25 50 50 100	3 C 4 C 5 C 8 C 10 C 18 C	1	1 1	1		3	1 5 4 3 5 1			No sulphides.
										19	27.2	88	

## GOLD CLASSIFICATION

## VISIBLE GOLD FROM SHAKING TABLE AND PANNING

.MCM\MMK1FEB.WR2		NUMBER OF GRAINS										NON MAG GMS	CALC V.G. PPB	REMARKS
TOTAL # OF PANNINGS	8	MEASUREMENT (MICRONS)		RESHAPED		MODIFIED		PRISTINE		TOTAL				
SAMPLE #	PANNED	Y/N	DIAMETER	THICKNESS	T	P	T	P	T	P				
CS4060														
105199	Y		15 X 15	3 C	1		1		1		3			No sulphides.
			15 X 25	4 C	4		3		2		9			
			15 X 50	7 C	1				2		3			
			25 X 25	5 C	5		2		5		12			
			25 X 50	8 C	3	1			2		6			
			25 X 75	10 C					1		1			
			50 X 50	10 C					1		1			
			50 X 75	13 C	1		1				2			
			50 X 100	15 C	1						1			
			75 X 125	20 C	1						1			
											39	33.8	128	
105200														
105200	Y		15 X 15	3 C	2				2		4			No sulphides.
			15 X 25	4 C					1		1			
			15 X 50	7 C	1				2		3			
			25 X 25	5 C	2	1			1		4			
			25 X 50	8 C	6		1		2		9			
			25 X 75	10 C	1		1		1		3			
			50 X 50	10 C	2				1		3			
			50 X 75	13 C	2		1				3			
			75 X 75	15 C	1						1			
			75 X 100	50 M	1						1			
											32	38.4	177	

**Appendix 3c**

**Kimberlite Indicator Minerals**

09/09/98

PROJECT: CS4060

TOTAL OF 20 SAMPLES

SAMPLE NUMBER	NONFERROMAGNETIC CONCENTRATES PREVIOUSLY PROCESSED FOR GOLD (S.G. 3.3).						KIM COUNT												T				
	TOTAL	-0.25 mm	-0.25 (wash) mm	0.25 TO 0.5 mm	0.5 TO 1.0 mm	1.0 TO 2.0 mm	1.0-2.0 mm						0.5-1.0 mm						0.25 TO 0.5 mm	T			
							GP	GO	DC	IM	CR	OL	GP	GO	DC	IM	CR	OL	GP	DC	CR	IKIMs	L
																							A
CS4060																							
401513	44.2	35.1	1.0	6.5	1.4	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
401514	56.9	46.8	1.3	6.7	1.7	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
401515	57.6	45.8	0.9	8.2	2.1	0.6	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
401516	56.8	38.3	1.1	12.7	3.8	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
401517	62.1	42.4	1.4	12.7	4.4	1.2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
401518	61.9	43.8	1.4	10.5	4.5	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
401519	62.5	48.6	1.3	9.5	2.8	0.3	0	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	6
401520	49.0	35.9	1.6	8.4	2.2	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
401521	59.2	48.0	1.0	7.6	2.0	0.6	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
401522	59.1	46.3	2.4	8.5	1.6	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
401523	59.8	50.2	1.4	6.1	1.7	0.4	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3
401524	48.0	36.9	1.5	7.2	1.8	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
401525	60.4	48.9	2.2	7.5	1.4	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
401526	65.3	48.6	2.0	11.3	2.8	0.6	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
401527	60.2	49.6	1.5	1.4	7.4	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

## KIMBERLITE INDICATOR MINERAL PICKING FOOTNOTES:

<u>SAMPLE NO:</u>	<u>REMARKS</u>
PROJECT: CS4060	
401513	Almandine-hornblende/kyanite-epidote assemblage.
401514	Almandine-hornblende/kyanite-epidote assemblage.
401515	Almandine/kyanite assemblage. SEM checks from 0.5-1.0 $\mu$ m fraction: 2 GO versus almandine candidates = 1 GO (pyrope-almandine) and 1 almandine. SEM check from 0.25-0.5 $\mu$ m fraction: 1 loellingite versus arsenopyrite candidate = 1 loellingite. Picked 2 chalcopyrite from 0.25-0.5 $\mu$ m fraction.
401516	Almandine-hornblende/kyanite assemblage.
401517	Almandine-hornblende/kyanite assemblage.
401518	Almandine-hornblende/kyanite assemblage. SEM check from 0.5-1.0 $\mu$ m fraction: 1 GO versus almandine candidate = 1 almandine. Picked 1 pale emerald green low/very low-Cr diopside from 0.25-0.5 $\mu$ m fraction.
401519	Almandine-hornblende/kyanite assemblage. Also picked 2 pale yellow-green forsterite olivine from 0.25-0.5 $\mu$ m fraction.
401520	Almandine-hornblende/kyanite assemblage. SEM check from 0.5-1.0 $\mu$ m fraction: 1 GO versus almandine candidate = 1 almandine. Picked 1 pale emerald green low/very low-Cr diopside from 0.25-.5 $\mu$ m fraction.
401521	Almandine-hornblende/kyanite assemblage. Picked 1 chalcopyrite from 0.25-0.5 $\mu$ m fraction.
401522	Almandine-hornblende/kyanite assemblage. Picked 3 pale green forsterite olivine from 0.25-0.5 $\mu$ m fraction.
401523	Almandine-hornblende/kyanite assemblage. Picked 3 pale green forsterite olivine and 1 chalcopyrite from 0.25-0.5 $\mu$ m fraction.
401524	Almandine-hornblende/kyanite assemblage. Picked 8 pale green forsterite olivine from 0.25-0.5 $\mu$ m fraction.
401525	Almandine-hornblende/kyanite assemblage. Picked 2 pale green forsterite olivine from 0.25-0.5 $\mu$ m fraction.
401526	Almandine-hornblende/kyanite assemblage.
401527	Almandine-hornblende/kyanite assemblage.



## KIMBERLITE INDICATOR MINERAL PICKING FOOTNOTES:

<u>SAMPLE NO:</u>	<u>REMARKS</u>
PROJECT: CS4060	
401528	Almandine-hornblende/kyanite assemblage.
401529	Almandine-hornblende/kyanite assemblage. Picked 3 pale green forsterite olivine from 0.25-0.5 mm fraction.
401530	Almandine-hornblende/kyanite assemblage.
401531	Almandine-hornblende/kyanite-titanite assemblage.
401532	Almandine-hornblende/kyanite assemblage.
401533	Almandine-hornblende/kyanite-titanite assemblage.
401534	Almandine-hornblende/kyanite assemblage. Picked 1 chalcopyrite and 1 blue-green gahnite from 0.25-0.5 mm fraction.
401535	Almandine-hornblende/kyanite assemblage. SEM check from 0.5-1.0 mm fraction: 1 IM versus crustal ilmenite candidate = 1 IM. Picked 1 pale emerald green low/very low-Cr diopside and 2 pale green forsterite olivine from 0.25-0.5 mm fraction.
401536	Almandine-hornblende/kyanite assemblage. SEM checks from 0.25-0.5 mm fraction: 2 representative of an estimated 15 forsterite olivine candidates = 2 forsterite olivine.
401537	Almandine-hornblende/kyanite assemblage. Picked 1 pale yellow forsterite olivine from 0.25-0.5 mm fraction.
401538	Almandine-hornblende/kyanite assemblage.
401539	Almandine-hornblende/kyanite assemblage. Picked 1 colourless forsterite olivine from 0.25-0.5 mm fraction.
401540	Almandine-hornblende/kyanite assemblage.
401541	Almandine-hornblende/kyanite assemblage.
401542	Almandine-hornblende/kyanite assemblage. SEM checks from 0.5-1.0 mm fraction: 2 IM versus crustal ilmenite candidates = 1 IM and 1 crustal ilmenite. Picked 2 pale emerald green low/very low-Cr diopside from 0.25-0.5 mm fraction.
401543	Almandine-hornblende/kyanite assemblage. Picked 2 pale emerald green low/very low-Cr diopside from 0.25-0.5 mm fraction.
401544	Almandine-hornblende/kyanite assemblage. Picked 1 pale emerald green low/very low-Cr diopside from 0.25-0.5 mm fraction.

KIMBERLITE INDICATOR MINERAL PICKING FOOTNOTES:

SAMPLE NO:      REMARKS

PROJECT: CS4060

- |        |  |
|--------|--|
| 401545 | Almandine-hornblende/kyanite assemblage.   |
| 401546 | Almandine-hornblende/kyanite assemblage. Picked 1 pale emerald green low/very low-Cr diopside from 0.5-1.0 mm fraction.  |
| 401547 | Almandine-hornblende/kyanite assemblage. Picked 2 pale emerald green low/very low-Cr diopside from 0.25-0.5 mm fraction. |



## KIMBERLITE INDICATOR MINERAL PICKING FOOTNOTES:

SAMPLE NO:        REMARKS  
PROJECT: CS4060

- 401548            Hornblende-almadine/kyanite assemblage. SEM checks from 0.25-0.5 mm fraction: 2 GP versus almandine candidates = 2 almandine. Also picked 1 pale emerald green low/very low-Cr diopside from 0.25-0.5 mm fraction.
- 401633            Almandine-hornblende/kyanite assemblage.
- 401634            Almandine-hornblende/kyanite assemblage. SEM checks from 0.25-0.5 mm fraction: 2 GO versus almandine candidates = 2 almandine. Also picked 1 pale emerald green low/very low-Cr diopside from 0.25-0.5 mm fraction.
- 401638            Almandine-hornblende/kyanite assemblage. SEM checks from 0.25-0.5 mm fraction: 3 GO versus almandine candidates = 3 almandine. Also picked 4 pale emerald green low/very low-Cr diopside from 0.25-0.5 mm fraction.
- 401693            Almandine-hornblende/kyanite assemblage. Picked 1 IM from 0.25-0.5 mm fraction.
- 401694            Almandine-hornblende/kyanite assemblage. SEM checks from 0.5-1.0 mm fraction: 2 IM versus crustal ilmenite candidates = 1 IM and 1 crustal ilmenite.
- 401695            Almandine-hornblende/kyanite assemblage. SEM checks from 0.25-0.5 mm fraction: 3 GO versus almandine candidates = 1 GO (pyrope-almadine) and 2 almandine; and 1 forsterite olivine candidate = 1 forsterite olvine. Also picked 3 pale emerald green low/very low-Cr diopside from 0.25-0.5 mm fraction.



## KIMBERLITE INDICATOR MINERAL PICKING FOOTNOTES:

SAMPLE NO:        REMARKS  
PROJECT: CS4060

105101	Hornblende/kyanite-titanite assemblage. Picked 3 chalcopyrite from 0.25-0.5 mm fraction.
105102	Hornblende-almandine/kyanite assemblage. Picked 1 chalcopyrite from 0.25-0.5 mm fraction.
105103	Hornblende-almandine/kyanite assemblage. Picked 1 pale emerald green low/very low-Cr diopside from 0.25-0.5 mm fraction.
105104	Hornblende/kyanite assemblage.
105105	Hornblende/kyanite assemblage. SEM check from 0.5-1.0 mm fraction: 1 IM versus crustal ilmenite candidate = 1 crustal ilmenite.
105106	Hornblende/kyanite assemblage. Picked 1 pale emerald green low/very low-Cr diopside from 0.25-0.5 mm fraction.
105107	Hornblende/kyanite assemblage. Picked 2 chalcopyrite from 0.25-0.5 mm fraction.
105108	Hornblende-almandine/kyanite assemblage.
105109	Hornblende-almandine/kyanite assemblage. SEM check from 0.5-1.0 mm fraction: 1 IM versus CR candidate = 1 IM.
105110	Hornblende-almandine/kyanite assemblage.
105111	Hornblende-almandine/kyanite assemblage. SEM check from 0.5-1.0 mm fraction: 1 IM versus crustal ilmenite candidate = 1 crustal ilmenite.
105112	Hornblende-almandine/kyanite assemblage.
105113	Hornblende-almandine/kyanite assemblage. Picked 1 chalcopyrite from 0.25-0.5 mm fraction.
105114	Hornblende-almandine/kyanite assemblage. Picked 1 pale emerald green low/very low-Cr diopside and 1 chalcopyrite from 0.25-0.5 mm fraction.
105115	Hornblende-almandine/kyanite assemblage.
105116	Hornblende-almandine/kyanite assemblage.
105117	Hornblende-almandine/kyanite-epidote-titanite assemblage.
105118	Hornblende/kyanite assemblage. Picked 1 pale emerald green low/very low-Cr diopside from 0.25-0.5 mm fraction.





## KIMBERLITE INDICATOR MINERAL PICKING FOOTNOTES:

SAMPLE NO:	REMARKS
PROJECT:	CS4060
105121	Hornblende-almandine/kyanite assemblage. SEM checks from 0.5-1.0 mm fraction: 1 IM versus crustal ilmenite candidate = 1 rutile; and 1 GO versus almandine candidate = 1 almandine. SEM check from 0.25-0.5 mm fraction: 1 loellingite versus arsenopyrite candidate = 1 loellingite.
105122	Hornblende-almandine/kyanite assemblage. Picked 2 chalcopyrite from 0.25-0.5 mm fraction.
105123	Hornblende/kyanite assemblage.
105124	Hornblende/kyanite assemblage.
105125	Hornblende/epidote-kyanite assemblage.
105126	Hornblende-almandine/kyanite assemblage.
105127	Hornblende-almandine/kyanite assemblage. SEM checks from 0.5-1.0 mm fraction: 4 olivine versus diopside candidates = 4 forsterite olivine.
105128	Hornblende-almandine/kyanite-epidote assemblage. SEM check from 0.5-1.0 mm fraction: 1 pale green forsterite olivine versus diopside candidate = 1 forsterite olivine. SEM check from 0.25-0.5 mm fraction: 1 GP versus almandine candidate = 1 GP. Also picked 1 forsterite olivine and 1 reshaped gold grain (750x450x50u) from 0.25-0.5 mm fraction.
105129	Hornblende-almandine/kyanite assemblage. SEM checks from 0.5-1.0 mm fraction: 2 GO versus almandine candidates = 1 GO (pyrope-almandine) and 1 almandine.
105130	Hornblende/kyanite-apatite assemblage. Picked 1 forsterite olivine and 2 chalcopyrite from 0.25-0.5 mm fraction.
105131	Hornblende/kyanite-epidote assemblage. Picked 2 forsterite olivine from 0.25-0.5 mm fraction.
105132	Hornblende/kyanite-epidote assemblage. Picked 2 pale emerald green low/very low-Cr diopside from 0.25-0.5 mm fraction.
105133	Hornblende/kyanite assemblage.
105134	Hornblende/kyanite-apatite-epidote-diopside assemblage. Picked 1 pale emerald green low/very low-Cr diopside and 1 forsterite olivine from 0.25-0.5 mm fraction.
105135	Hornblende-almandine/kyanite assemblage.
105136	Hornblende-almandine/kyanite-epidote assemblage.

KIMBERLITE INDICATOR MINERAL PICKING FOOTNOTES:

SAMPLE NO:       REMARKS

PROJECT: CS4060

- |        |  |
|--------|--|
| 105137 | Hornblende-almandine/kyanite assemblage. SEM check from 0.5-1.0 mm fraction: 1 IM versus crustal ilmenite candidate = 1 crustal ilmenite. Picked 3 forsterite olivine, 1 chalcopryite and 1 pale emerald green low/very low-Cr diopside from 0.25-0.5 mm fraction. |
| 105138 | Almandine-hornblende/kyanite assemblage.   |
| 105139 | Hornblende-almandine/kyanite assemblage.   |
| 105140 | Hornblende-almandine/kyanite assemblage.   |

12/17/98

PROJECT: CS4060

TOTAL OF 21 SAMPLES

SAMPLE NUMBER	TABLE CONCENTRATE (1.0 mm (grams))								KIM COUNT									T O T A L KIMs	
	M. I. SEPARATION S.G. 3.20								0.5-1.0 mm			0.25 TO 0.5 mm			GP	DC	CR		
	TOTAL	M. I. LIGHTS	TOTAL MAG	TOTAL NON MAG	-0.25 mm	-0.25 mm (wash)	0.25 TO 0.5 mm	0.5 TO 1.0 mm	GP	GO	DC	IM	CR	OL					GP
CS4060																			
105141	915.1	665.2	14.6	235.3	191.7	5.8	29.4	8.4	0	0	0	0	0	0	0	0	0	0	0
105142	1018.0	763.2	11.9	242.9	190.5	5.0	35.6	11.8	0	0	0	0	0	0	0	0	0	0	0
105143	978.9	717.4	15.2	246.3	203.6	2.2	31.5	9.0	0	0	0	0	0	0	0	0	0	0	0
105144	980.5	739.8	15.8	224.9	181.3	1.1	30.2	12.3	0	0	0	0	0	0	0	0	0	0	0
105145	1090.2	875.6	10.3	204.3	152.5	5.5	34.6	11.7	0	0	0	0	0	0	0	0	0	0	0
105146	11431.1	1153.8	14.1	263.2	203.4	5.6	41.0	13.2	0	0	0	0	0	0	0	0	0	0	0
105147	11080.5	875.6	13.4	191.5	156.5	4.3	22.8	7.9	0	0	0	0	0	0	0	0	0	0	0
105148	11173.4	979.5	11.3	182.6	149.0	1.0	25.2	7.4	0	0	0	0	0	0	0	0	0	0	0
105149	977.6	722.3	18.1	237.2	175.2	4.4	40.8	16.8	0	0	0	0	0	0	0	0	0	0	0
105150	11204.7	987.3	10.1	207.3	169.3	1.7	28.6	7.7	0	0	0	0	0	0	0	0	0	0	0
105151	11273.0	993.5	18.4	261.1	204.8	3.7	37.0	15.6	0	0	0	0	0	0	0	0	0	0	0
105152	11038.2	814.5	14.1	209.6	147.7	5.6	40.9	15.4	0	0	0	0	0	0	0	1	0	0	1
105153	11308.3	1041.1	21.1	246.1	193.1	3.4	35.0	14.6	0	0	0	0	0	0	0	0	0	0	0
105154	11056.5	883.5	14.8	158.2	115.8	3.8	26.9	11.7	0	0	0	0	0	0	0	0	0	0	0
105155	11273.5	1097.5	8.8	167.2	140.4	2.8	19.0	5.0	0	0	0	0	0	0	0	0	0	0	0
105156	11471.1	1157.9	21.1	292.1	228.6	7.3	42.4	13.8	0	0	0	0	0	1	0	0	0	0	1
105157	11382.4	1075.0	22.5	284.9	230.2	2.4	40.4	11.9	0	0	0	0	0	17	0	0	0	0	17
105158	769.1	690.0	4.7	74.4	35.5	3.1	25.6	10.2	0	0	0	0	0	1	0	0	0	0	1
105159	11069.6	830.0	13.2	226.4	179.1	3.0	34.4	9.9	0	0	0	0	0	15	0	0	0	0	15
105160	11142.8	909.7	16.3	216.8	174.6	1.8	29.9	10.5	0	0	0	0	0	19	0	0	0	0	19
105162	817.3	710.1	88.6	18.6	16.5	0.3	1.2	0.6	0	0	0	2	119	0	0	0	0	0	121

(5000) (5121)

()\*Numbers in brackets are estimated total indicator grains present in samples where not all grains were picked.

## KIMBERLITE INDICATOR MINERAL PICKING FOOTNOTES:

<u>SAMPLE NO:</u>	<u>REMARKS</u>
PROJECT: CS4060	
105141	Almandine-hornblende/kyanite assemblage.
105142	Hornblende-almandine/kyanite-apatite assemblage. Picked 2 chalcopyrite and 1 forsterite olivine from 0.25-0.5 mm fraction.
105143	Hornblende-almandine/kyanite assemblage. SEM check from 0.5-1.0 mm fraction: 1 forsterite olivine versus epidote candidate = 1 colourless titanite.
105144	Hornblende-almandine/kyanite assemblage.
105145	Hornblende-almandine/titanite-kyanite assemblage.
105146	Hornblende-almandine/kyanite assemblage.
105147	Hornblende-almandine/kyanite-epidote assemblage.
105148	Hornblende/kyanite-epidote assemblage. Picked 1 chalcopyrite from 0.5-1.0 mm fraction and 6 others from 0.25-0.5 mm fraction.
105149	Almandine-hornblende/kyanite assemblage. SEM check from 0.5-1.0 mm fraction: 1 CR candidate = 1 tourmaline. SEM checks from 0.25-0.5 mm fraction: 1 GO versus almandine candidate = 1 GO (pyrope-almandine); and 1 forsterite olivine versus titanite candidate = 1 titanite.
105150	Hornblende-almandine/kyanite-epidote assemblage.
105151	Hornblende-almandine/kyanite-epidote assemblage.
105152	Hornblende/kyanite assemblage. SEM check from 0.5-1.0 mm fraction: 1 IM versus crustal ilmenite candidate = 1 rutile. SEM check from 0.25-0.5 mm fraction: 1 DC versus low-Cr diopside candidate = 1 DC. Also picked 1 molybdenite from 0.25-0.5 mm fraction.
105153	Hornblende-almandine/kyanite assemblage.
105154	Hornblende-almandine/kyanite assemblage. Picked 1 pale emerald green low/very low-Cr diopside from 0.25-0.5 mm fraction.
105155	Hornblende-almandine/kyanite-epidote assemblage.
105156	Hornblende-almandine/kyanite assemblage. SEM check from 0.5-1.0 mm fraction: 1 forsterite olivine versus diopside candidate = 1 forsterite olivine. Also picked 1 forsterite olivine and 1 pale emerald green low/very low-Cr diopside from 0.25-0.5 mm fraction.

## KIMBERLITE INDICATOR MINERAL PICKING FOOTNOTES:

SAMPLE NO:       REMARKS  
 PROJECT: CS4060

- 105157       Hornblende-almadine/kyanite-epidote assemblage. SEM checks from 0.5-1.0 mm fraction: 4 forsterite olivine versus epidote candidates = 1 forsterite olivine and 3 epidote. Picked 4 forsterite olivine and 1 pale emerald green low/very low-Cr diopside from 0.25-0.5 mm fraction.
- 105158       Hornblende/epidote-kyanite assemblage. SEM checks from 0.5-1.0 mm fraction: 3 forsterite olivine versus epidote candidates = 1 forsterite olivine and 2 epidote.
- 105159       Hornblende-almadine/kyanite-apatite assemblage. SEM checks from 0.5-1.0 mm fraction: 3 forsterite olivine versus epidote candidates = 3 epidote. Also picked 3 forsterite olivine from 0.25-0.5 mm fraction.
- 105160       Hornblende-almadine/kyanite-epidote assemblage. Picked 6 forsterite olivine from 0.25-0.5 mm fraction. Lost 1 forsterite olivine from 0.5-1.0 mm fraction.
- 105162       Hornblende-chromite/epidote-kyanite assemblage. SEM checks from 0.5-1.0 mm fraction: 16 of 90 partially coated CR versus crustal ilmenite candidates = 9 CR (some with Ti/Cr-magnetite rinds), 2 IM with similar coatings and 5 crustal ilmenite also with similar rinds (remaining 74 unchecked grains included in CR column); 3 of 38 good octahedral CR candidates = 3 CR (one with Ti/Cr-magnetite coating); and 1 amorphous buff rind = Ca mineral. No CR picked from 0.25-0.5 mm fraction. Estimate 10% pyrite in 1 amp portion of 0.25-0.5 mm fraction.

OVERBURDEN DRILLING MANAGEMENT LIMITED  
 LABORATORY SAMPLE LOG  
 KIMBERLITE INDICATOR MINERAL COUNTS

02/01/99

PROJECT: 4060

TOTAL OF 20 SAMPLES

SAMPLE NUMBER	TABLE CONCENTRATE (1.0 mm (grams))								KIM COUNT									T O T A L KIMs
	M.I. SEPARATION S.6 3.20								0.5 TO 1 mm			0.25 TO 0.5 mm						
	TOTAL	M.I. LIGHTS	TOTAL MAG	TOTAL NON-MAG	-0.25 mm (wash)	-0.25 mm	0.25 TO 0.5 mm	0.5 TO 1.0 mm	GP	GO	DC	IM	CR	OL	GP	DC	CR	
4060																		
105161	890.4	670.0	17.6	202.8	5.6	160.8	28.8	7.6	0	0	0	0	0	5	0	0	0	5
105163	1078.2	879.4	17.7	181.1	5.5	147.5	22.8	5.3	0	0	0	0	0	0	0	0	0	0
105164	1211.4	1004.9	19.5	187.0	3.8	149.9	26.1	7.2	0	0	0	0	0	2	0	0	0	2
105165	1051.6	836.5	20.9	194.2	5.9	159.7	23.0	5.6	0	0	0	0	0	5	0	0	0	5
105166	976.6	832.4	13.7	130.5	5.2	96.9	22.7	5.7	0	0	0	0	0	14	0	0	0	14
105167	1012.8	823.1	22.6	167.1	3.5	129.8	26.6	7.2	0	0	0	1	0	16	0	0	0	17
105168	1100.7	999.8	0.4	100.5	3.1	87.2	8.4	1.8	0	0	0	0	0	2	0	0	0	2
105169	1040.1	890.0	10.5	139.6	3.3	117.9	14.4	4.0	0	0	0	0	0	5	0	0	0	5
105170	1148.9	942.2	10.1	196.6	2.5	164.8	22.6	6.7	0	0	0	0	0	5	0	0	0	5
105171	966.0	794.0	10.7	161.3	3.9	130.5	22.0	4.9	0	0	0	0	0	17	0	0	0	17
105172	1044.9	844.2	13.5	187.2	3.3	149.3	27.1	7.5	0	0	0	0	0	15	0	0	0	15
105173	1075.9	819.4	9.2	247.3	1.1	185.5	45.8	14.9	0	0	0	0	0	4	0	0	0	4
105174	883.2	678.9	20.4	183.9	0.6	141.4	30.7	11.2	0	0	0	0	0	1	0	0	0	1
105175	1034.2	860.8	17.7	155.7	0.7	114.0	30.8	10.2	0	0	0	0	0	1	0	0	0	1
105176	851.3	675.5	6.4	169.4	0.7	141.6	20.9	6.2	0	0	0	0	0	6	0	0	0	6
105177	971.7	751.0	18.1	202.6	0.7	153.4	36.6	11.9	0	1	0	0	0	0	0	0	0	1
105178	716.0	512.0	17.4	186.6	0.8	151.6	24.9	9.3	0	0	0	0	0	22	0	0	0	22
105179	1155.7	920.8	15.5	219.4	1.2	179.2	29.6	9.4	0	0	0	0	0	40	0	0	0	40
105180	1078.8	848.4	2.6	227.8	1.8	198.6	22.1	5.3	0	0	0	0	0	9	0	0	0	9
105181	1063.3	788.8	16.2	258.3	1.6	196.1	47.0	13.6	0	0	0	0	0	5	0	0	0	5

## KIMBERLITE INDICATOR MINERAL PICKING FOOTNOTES:

<u>SAMPLE NO:</u>	<u>REMARKS</u>
PROJECT: 4060	
105161	Hornblende-almandine/kyanite-epidote assemblage. Picked 6 pale green forsterite olivine from 0.25-0.5 mm fraction.
105163	Hornblende-almandine/kyanite-epidote assemblage. Picked 1 chalcopyrite from 0.5-1.0 mm fraction and 10 pale green forsterite olivine from 0.25-0.5 mm fraction.
105164	Hornblende-almandine/kyanite assemblage. SEM checks from 0.5-1.0 mm fraction: 1 IM versus crustal ilmenite candidate = 1 crustal ilmenite; 1 GO versus almandine candidate = 1 almandine; and 2 forsterite olivine candidates = 2 forsterite olivine. Picked 3 forsterite olivine and 1 chalcopyrite from 0.25-0.5 mm fraction.
105165	Hornblende-almandine/kyanite-epidote-apatite assemblage. SEM checks from 0.5-1.0 mm fraction: 2 GO versus almandine candidates = 2 almandine. Picked 15 pale green forsterite olivine from 0.25-0.5 mm fraction.
105166	Hornblende-almandine/kyanite assemblage. SEM check from 0.5-1.0 mm fraction: 1 GO versus almandine candidate = 1 almandine. SEM checks from 0.25-0.5 mm fraction: 2 GP versus almandine candidates = 2 almandine; and 3 GO versus almandine candidates = 3 epidote. Picked 25 of an estimated 100 forsterite olivine, 1 pale emerald green low/very low-Cr diopside and 3 chalcopyrite from 0.25-0.5 mm fraction.
105167	Hornblende-almandine/apatite-kyanite assemblage. SEM check from 0.5-1.0 mm fraction: 1 GO versus almandine candidate = 1 almandine. Picked 10 of an estimated 50 pale green forsterite olivine from 0.25-0.5 mm fraction.
105168	Hornblende/apatite-epidote-kyanite assemblage.
105169	Hornblende-almandine/kyanite-epidote assemblage. Picked 17 forsterite olivine from 0.25-0.5 mm fraction.
105170	Hornblende-almandine/kyanite-epidote-apatite assemblage. Picked 10 of an estimated 50 pale green forsterite olivine and 1 chalcopyrite from 0.25-0.5 mm fraction.
105171	Hornblende-almandine/kyanite-epidote assemblage. SEM checks from 0.25-0.5 mm fraction: 2 pale GP versus ruby corundum candidates = 1 ruby corundum and 1 almandine. Also picked 17 of an estimated 50 forsterite olivine from 0.25-0.5 mm fraction.
105172	Hornblende-almandine/kyanite assemblage. Picked 9 pale green forsterite olivine from 0.25-0.5 mm fraction.
105173	Hornblende-almandine/kyanite assemblage. SEM checks from 0.5-1.0 mm fraction: 1 GO versus almandine candidate = 1

## KIMBERLITE INDICATOR MINERAL PICKING FOOTNOTES:

<u>SAMPLE NO:</u>	<u>REMARKS</u>
PROJECT: 4060	
	almandine; and 2 IM versus crustal ilmenite candidates = 2 crustal ilmenite. Picked 4 forsterite olivine and 3 pale emerald green low/very low-Cr diopside from 0.25-0.5 mm fraction.
105174	Hornblende-almandine/kyanite-apatite assemblage. Also picked 1 pale emerald green low/very low-Cr diopside from 0.5-1.0 mm fraction.
105175	Hornblende-almandine/kyanite-apatite assemblage. Also picked 1 pale emerald green low/very low-Cr diopside from 0.5-1.0 mm fraction and 4 pale green forsterite olivine and 3 pale emerald green low/very low-Cr diopside from 0.25-0.5 mm fraction.
105176	Hornblende-almandine/kyanite-epidote-apatite assemblage. SEM check from 0.5-1.0 mm fraction: 1 GO versus almandine candidate = 1 almandine. Picked 10 pale green forsterite olivine from 0.25-0.5 mm fraction.
105177	Hornblende-almandine/kyanite assemblage. SEM checks from 0.5-1.0 mm fraction: 1 GO versus almandine candidate = 1 GO (pyrope-almandine). SEM checks from 0.25-0.5 mm fraction: 1 GP versus almandine candidate = 1 almandine; and 2 GO versus almandine candidates = 1 GO (pyrope-almandine) and 1 almandine. Also picked 2 pale emerald green low/very low-Cr diopside from 0.5-1.0 mm fraction and 13 others from 0.25-0.5 mm fraction.
105178	Hornblende-almandine/kyanite-epidote assemblage. Picked 20 of an estimated 50 pale green forsterite olivine from 0.25-0.5 mm fraction.
105179	Hornblende-almandine/kyanite-epidote assemblage. Picked 10 of an estimated 100 pale green forsterite olivine and 1 pale emerald green low/very low-Cr diopside from 0.25-0.5 mm fraction.
105180	Hornblende-almandine/kyanite-apatite-epidote assemblage. Picked 10 of an estimated 40 pale green forsterite olivine from 0.25-0.5 mm fraction.
105181	Hornblende-almandine/kyanite-epidote-apatite assemblage. Also picked 1 pale emerald green low/very low-Cr diopside from 0.5-1.0 mm fraction and 8 pale green forsterite olivine and 2 pale emerald green low/very low-Cr diopside from 0.25-0.5 mm fraction.



## KIMBERLITE INDICATOR MINERAL PICKING FOOTNOTES:

<u>SAMPLE NO:</u>	<u>REMARKS</u>
PROJECT: 4060	
105182	Hornblende-almandine/kyanite-apatite assemblage. Also picked 10 of an estimated 30 pale green forsterite olivine and 1 pale emerald green low/very low-Cr diopside from 0.25-0.5 mm fraction.
105183	Hornblende-almandine/kyanite-epidote assemblage. Picked 10 of and estimated 150 pale green forsterite olivine from 0.25-0.5 mm fraction.
105184	Hornblende-almandine/kyanite-apatite assemblage. Picked 3 pale green forsterite olivine from 0.25-0.5 mm fraction.
105185	Hornblende-almandine/kyanite-epidote-apatite assemblage. Picked 4 of an estimated 20 pale green forsterite olivine from 0.25-0.5 mm fraction.
105186	Hornblende-almandine/kyanite assemblage. Picked 1 pale emerald green low/very low-Cr diopside from 0.25-0.5 mm fraction.
105187	Hornblende-almandine/kyanite-diopside-apatite assemblage.
105188	Hornblende-almandine/kyanite-apatite assemblage. Also picked 1 pale emerald green low/very low-Cr diopside from 0.5-1.0 mm fraction and 1 other and 4 pale green forsterite olivine from 0.25-0.5 mm fraction.
105189	Hornblende-almandine/kyanite-apatite-epidote assemblage. Picked 2 pale green forsterite olivine and 1 chalcopryite from 0.25-0.5 mm fraction.
105190	Hornblende-almandine/kyanite-epidote-apatite assemblage. Picked 7 pale green forsterite olivine and 1 chalcopryite from 0.25-0.5 mm fraction.
105191	Hornblende-almandine/apatite-epidote-kyanite assemblage. Picked 8 of an estimated 50 pale green forsterite olivine from 0.25-0.5 mm fraction.
105192	Hornblende/apatite-kyanite-epidote assemblage. Picked 7 pale green forsterite olivine from 0.25-0.5 mm fraction.
105193	Hornblende/kyanite-apatite-epidote assemblage. Picked 10 pale green forsterite olivine and 1 pale emerald green low/very low-Cr diopside from 0.25-0.5 mm fraction.
105194	Hornblende-almandine/epidote-apatite assemblage. Picked 1 pale green forsterite olivine and 22 chalcopryite from 0.25-0.5 mm fraction.

KIMBERLITE INDICATOR MINERAL PICKING FOOTNOTES:

SAMPLE NO:  
PROJECT: 4060

REMARKS

- |        |  |
|--------|--|
| 105199 | Hornblende-almandine/kyanite-epidote assemblage. Picked 2 forsterite olivine and 7 chalcopryrite from 0.25-0.5 fraction.   |
| 105200 | Hornblende-almandine/kyanite-epidote assemblage. Picked 1 pale green forsterite olivine, 1 pale emerald green low/very low-Cr diopside and 1 chalcopryrite from 0.25-0.5 fraction. |

**Appendix 3d**

**HMC**

**ACTLABS**

**ACTIVATION  
LABORATORIES LTD**

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Invoice No.: 14038  
Work Order: 14140  
Invoice Date: 22-OCT-97  
Date Submitted: 02-OCT-97  
Your Reference: 4058  
Account Number: 619

W.M.C INTERNATIONAL LIMITED  
EXPLORATION DIVISION  
2 GURDWARA ROAD  
EPEAN, ONTARIO  
CANADA K2E 8A2  
ATTENTION: TERRY GOODWIN

CERTIFICATE OF ANALYSIS  
-----

2 PULPS were submitted for analysis.

The following analytical packages were requested. Please see  
our current fee schedule for elements and detection limits.

REPORT 14038 CODE 3A-HMC-INAA(INAA.REV1)  
REPORT 14038 B CODE 3C-AQUA REGIA ICP(AQUAJA.REV1)

This report may only be reproduced in its entirety without the express  
consent of ACTIVATION LABS. If no instructions were received or will be  
received within 90 days from the date of this report, excess material  
will be discarded. Our liability is limited solely to the analytical  
cost of these analyses. Test results are representative only of material  
submitted for analysis

CERTIFIED BY :

*per David Hoffman*  
DR E. HOFFMAN/GENERAL MANAGER

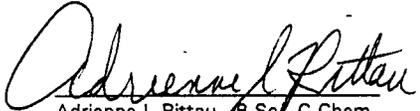
Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SR %	TA PPM	TH PPM	U PPM
CS 401515	213	<5	9	<200	<5	<2	23	130	<2	13.9	86	<5	<50	<20	2310	<200	<50	<0.2	59	<20	<0.2	8	120	27
CS 401528	145	<5	<3	<200	<5	10	21	190	<2	16.0	91	<5	<50	<20	2290	<200	<50	<0.2	71	<20	<0.2	7	160	38
CS 401529	234	<5	<3	<200	<5	<2	25	190	<2	15.5	94	<5	<50	<20	2850	<200	<50	<0.2	70	<20	<0.2	12	150	29
CS 401531	405	<5	<3	400	<5	11	22	160	4	12.9	110	<5	<50	<20	2580	<200	<50	<0.2	69	<20	<0.2	11	100	27
CS 401533	492	<5	<2	<200	<5	8	22	210	<2	15.2	130	<5	<50	<20	3080	<200	<50	<0.2	68	<20	<0.2	10	110	28
CS 401539	166	<5	<2	<200	<5	<2	21	130	<2	15.6	89	<5	<50	<20	2640	<200	<50	<0.2	63	<20	<0.2	8	130	34

Sample description	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
CS 401515	<4	<200	370	640	220	41	7.4	7	20.7	3.7	58.00
CS 401528	<4	<200	510	930	300	56	8.7	9	23.4	4.2	58.00
CS 401529	<4	<200	500	890	290	53	9.6	9	23.7	4.1	59.00
CS 401531	<4	274	340	610	220	41	9.3	7	21.5	3.5	58.00
CS 401533	<4	281	340	640	260	44	10.1	8	24.5	4.1	43.00
CS 401539	<4	<200	470	800	260	47	8.0	9	21.7	3.5	58.00

Activation Laboratories Ltd. Work Order No. 14140 Report No. 14038B

SAMPLE	Ag	Cd	Cu	Mn	Ni	Pb	Zn
	ppm	ppm	ppm	ppm	ppm	ppm	ppm
CS 401515	-0.2	-0.5	27	290	9	8	8
CS 401528	-0.2	-0.5	15	244	6	10	5
CS 401529	-0.2	-0.5	18	262	15	6	6
CS 401531	-0.2	-0.5	8	249	11	9	7
CS 401533	-0.2	-0.5	12	273	6	9	6
CS 401539	-0.2	-0.5	8	210	6	7	5

Negative values indicate less than the detection limit  
99999 indicates greater than 10%  
Assay recommended for Pb values greater than 5000 ppm

  
Adrienne I. Rittau, B.Sc., C.Chem  
ICP Technical Manager

**ACTLABS**

**ACTIVATION  
LABORATORIES LTD**

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Invoice No.: 14854  
Work Order: 14968  
Invoice Date: 16-FEB-98  
Date Submitted: 02-FEB-98  
Your Reference: 4058  
Account Number: 619

AMIC INTERNATIONAL LIMITED  
EXPLORATION DIVISION  
7 GURDWARA ROAD  
MILFORD, ONTARIO  
CANADA K2E 8A2  
ATTENTION: TERRY GOODWIN

**CERTIFICATE OF ANALYSIS**  
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65 HEAVY MINERALS

were submitted for analysis.

The following analytical packages were requested. Please see  
our current fee schedule for elements and detection limits.

REPORT 14854 CODE 3A-HMC-INAA(INAA.REV1)

This report may only be reproduced in its entirety without the express  
consent of ACTIVATION LABS. If no instructions were received or will be  
received within 90 days from the date of this report, excess material  
will be discarded. Our liability is limited solely to the analytical  
cost of these analyses. Test results are representative only of material  
submitted for analysis.

CERTIFIED BY :

  
DR E. HOFFMAN/GENERAL MANAGER

Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SR %	TA PPM	TH PPM	U PPM
CS401513	212	<5	<2	590	<5	9	29	170	<2	14.3	110	<5	<50	<20	3320	<200	<50	<0.2	61	<20	<0.2	9	98	19
CS401514	168	<5	3	<200	<5	5	24	120	<2	13.5	83	<5	<50	<20	2850	<200	<50	<0.2	54	<20	<0.2	8	72	16
CS401516	671	<5	8	<200	<5	7	27	180	<2	16.1	83	<5	<50	<20	2830	<200	<50	<0.2	61	<20	<0.2	7	110	23
CS401517	15	<5	2	<200	<5	<2	24	140	<2	12.9	76	<5	<50	<20	2550	<200	<50	<0.2	56	<20	<0.2	6	91	21
CS401518	<5	<5	<2	<200	<5	<2	24	170	4	14.4	100	<5	<50	<20	2210	<200	<50	<0.2	62	<20	<0.2	7	130	34
CS401519	13	<5	<2	<200	<5	<2	29	170	<2	14.9	91	<5	<50	<20	3440	<200	<50	<0.2	62	<20	<0.2	6	110	21
CS401520	35	<5	<2	1200	<5	7	19	150	<2	14.3	120	<5	<50	<20	2270	<200	<50	<0.2	60	<20	<0.2	<1	140	26
CS401521	260	<5	<2	<200	<5	<2	24	130	<2	13.2	96	<5	<50	<20	2740	<200	<50	<0.2	54	<20	<0.2	7	110	24
CS401522	28	<5	<2	<200	<5	<2	25	150	<2	16.1	83	<5	<50	<20	3130	<200	<50	<0.2	62	<20	<0.2	5	100	20
CS401523	37	<5	<2	<200	<5	<2	31	160	<2	13.7	85	<5	<50	<20	3780	<200	<50	<0.2	64	<20	<0.2	7	93	20
CS401524	64	<5	<2	<200	<5	6	28	160	<2	15.1	87	<5	<50	<20	3570	<200	<50	<0.2	66	<20	<0.2	<1	100	26
CS401525	83	<5	<2	480	<5	<2	32	210	<2	17.5	100	<5	<50	<20	3950	<200	<50	<0.2	79	<20	<0.2	<1	150	34
CS401526	33	<5	<2	<200	<5	9	27	200	4	16.8	85	<5	<50	<20	3660	<200	<50	<0.2	78	<20	<0.2	<1	130	27
CS401527	258	<5	<2	<200	<5	9	29	190	<2	16.2	91	<5	<50	<20	4100	<200	<50	<0.2	75	<20	<0.2	10	120	32
CS401530	43	<5	10	<200	<5	<2	26	170	<2	14.3	95	<5	<50	<20	3000	<200	<50	<0.2	66	<20	<0.2	<1	130	35
CS401532	158	<5	<2	<200	<5	<2	27	190	<2	14.4	100	<5	<50	<20	3020	<200	<50	<0.2	74	<20	<0.2	7	120	32
CS401534	678	<5	<2	<200	<5	11	26	220	<2	16.1	130	<5	<50	<20	2600	<200	<50	<0.2	81	<20	<0.2	12	120	36
CS401536	50	<5	<2	<200	<5	8	29	160	<2	15.6	95	<5	<50	<20	2880	<200	<50	<0.2	60	<20	<0.2	8	99	27
CS401537	32	<5	<2	<200	<5	7	29	170	<2	20.0	120	<5	<50	<20	2960	<200	<50	1.1	76	<20	<0.2	9	140	31
CS401538	97	<5	<2	<200	<5	<3	27	200	<2	17.9	140	<5	<50	<20	3710	<200	<50	<0.2	69	<20	<0.2	5	150	38
CS401540	52	<5	<2	<200	<5	<3	24	190	<2	17.6	120	<5	<50	<20	2660	<200	<50	<0.2	72	<20	<0.2	7	130	37
CS401541	27	<5	<2	<200	<5	<3	30	180	<2	18.1	110	<5	<50	<20	2900	<200	<50	<0.2	78	<20	<0.2	<1	140	30
CS401542	<5	<5	<2	<200	<5	<3	25	180	<2	17.7	120	<5	<50	<20	3410	<200	<50	<0.2	75	<20	<0.2	10	140	33
CS401543	35	<5	<2	<200	<5	8	30	240	<2	18.0	130	<5	<50	<20	3100	<200	<50	<0.2	78	<20	<0.2	<1	160	35
CS401544	33	<5	<2	<200	<5	<3	20	200	<2	15.6	100	<5	<50	<20	2810	<200	<50	1.3	67	<20	<0.2	8	120	29
CS401545	12	<5	<2	<200	<5	<3	26	210	<2	17.8	140	<5	<50	<20	2550	<200	<50	0.9	79	<20	<0.2	11	170	35
CS401546	42	<5	<2	<200	<5	<3	31	190	<2	18.1	140	<5	<50	<20	2460	<200	<50	<0.2	83	<20	<0.2	10	170	42
CS401547	51	<5	<2	<200	<5	<3	27	170	<2	15.5	110	<5	<50	<20	2400	<200	<50	<0.2	73	<20	<0.2	10	140	39
CS401548	<5	<5	<2	<200	<5	<3	23	190	<2	16.1	110	<5	<50	<20	2380	<200	<50	<0.2	70	<20	<0.2	9	120	27

Sample description	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
CS401513	<4	<200	270	470	140	32	6.5	5	19.9	3.9	44.00
CS401514	<4	<200	220	370	120	25	5.6	4	14.5	2.9	57.00
CS401516	<4	<200	310	460	140	29	5.3	5	17.9	3.2	58.00
CS401517	<4	205	300	470	150	29	5.2	5	16.4	3.0	62.00
CS401518	<4	<200	430	660	200	40	6.4	8	18.4	3.7	63.00
CS401519	<4	<200	340	530	150	33	6.9	6	18.8	3.4	63.00
CS401520	<4	<200	430	690	200	44	7.1	<2	21.8	3.8	49.00
CS401521	<4	<200	350	540	140	33	6.3	<2	17.3	3.5	60.00
CS401522	<4	<200	310	480	160	29	6.3	7	16.0	3.2	60.00
CS401523	<4	<200	300	490	160	32	6.3	7	15.2	3.1	60.00
CS401524	<4	<200	300	490	170	32	6.9	7	19.4	3.5	48.00
CS401525	<4	<200	490	760	260	45	8.1	9	20.1	4.2	60.00
CS401526	19	<200	440	670	250	42	7.2	<2	18.9	3.8	65.00
CS401527	21	<200	420	660	200	40	7.3	8	20.0	3.8	60.00
CS401530	<4	<200	430	660	220	41	7.2	7	18.2	3.5	60.00
CS401532	<4	<200	390	610	210	38	9.0	6	20.1	3.6	67.00
CS401534	<4	259	370	630	240	44	10.0	7	22.9	4.5	42.00
CS401536	<4	<200	300	480	130	31	5.9	5	16.7	3.0	51.00
CS401537	<4	<200	470	720	220	45	7.7	11	22.5	4.5	60.00
CS401538	<4	<200	530	820	280	49	7.9	8	20.8	4.2	60.00
CS401540	<4	351	440	670	210	43	8.1	8	20.4	3.9	60.00
CS401541	<4	<200	500	780	250	46	7.8	7	20.6	4.0	64.00
CS401542	<4	<200	490	760	220	47	9.1	10	20.9	4.4	60.00
CS401543	<4	<200	560	850	260	51	7.8	<2	20.3	4.2	60.00
CS401544	<4	<200	420	670	210	42	7.1	8	18.7	4.0	60.00
CS401545	<4	313	590	920	290	55	9.4	11	23.1	4.8	60.00
CS401546	<4	<200	610	940	300	56	8.9	10	25.3	4.6	57.00
CS401547	<4	<200	490	740	210	47	7.7	6	20.8	4.1	60.00
CS401548	<4	256	400	640	220	39	7.5	8	18.8	3.8	60.00

**ACTLABS**

**ACTIVATION  
LABORATORIES LTD**

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Invoice No.: 14881  
Work Order: 14999  
Invoice Date: 19-FEB-98  
Date Submitted: 05-FEB-98  
Your Reference: 4058  
Account Number: 619

NMC INTERNATIONAL LIMITED  
EXPLORATION DIVISION  
2 GURDWARA ROAD  
NEPEAN, ONTARIO  
CANADA K2E 8A2  
ATTENTION: TERRY GOODWIN

**CERTIFICATE OF ANALYSIS**  
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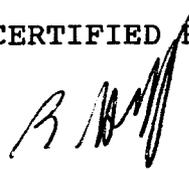
7 CRUSHED ROCKS(PREP.REV1) were submitted for analysis.

The following analytical packages were requested. Please see  
our current fee schedule for elements and detection limits.

REPORT 14881 CODE 3C-AQUA REGIA ICP(AQUAJA.REV1)

This report may only be reproduced in its entirety without the express  
consent of ACTIVATION LABS. If no instructions were received or will be  
received within 90 days from the date of this report, excess material  
will be discarded. Our liability is limited solely to the analytical  
cost of these analyses. Test results are representative only of material  
submitted for analysis.

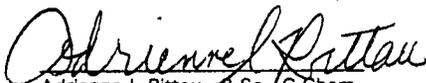
CERTIFIED BY :



DR E. HOFFMAN/GENERAL MANAGER

Activation Laboratories Ltd. Work Order No. 14999 Report No. 14881

SAMPLE	Ag	Cd	Cu	Mn	Ni	Pb	Zn
	ppm	ppm	ppm	ppm	ppm	ppm	ppm
CS 401513	-0.2	-0.5	19	1779	18	15	24
CS 401514	-0.2	-0.5	10	1117	11	15	22
CS 401516	-0.2	-0.5	13	2180	16	16	22
CS 401517	-0.2	-0.5	8	1416	10	21	19
CS 401518	-0.2	-0.5	10	1589	8	18	16
CS 401519	-0.2	-0.5	10	929	12	16	16
CS 401520	-0.2	-0.5	12	1735	16	15	20
CS 401521	-0.2	-0.5	9	1148	14	13	18
CS 401522	-0.2	-0.5	9	1087	10	14	21
CS 401523	-0.2	-0.5	11	889	11	14	20
CS 401524	-0.2	-0.5	12	1559	17	16	25
CS 401525	-0.2	-0.5	7	974	10	16	17
CS 401526	-0.2	-0.5	8	1102	11	16	18
CS 401527	0.2	-0.5	12	679	7	14	13
CS 401530	-0.2	-0.5	9	850	12	14	15
CS 401532	-0.2	-0.5	8	496	7	13	12
CS 401534	-0.2	-0.5	17	682	13	10	13
CS 401536	-0.2	-0.5	10	1035	16	14	20
CS 401537	-0.2	-0.5	8	1000	8	15	15
CS 401538	-0.2	-0.5	11	1220	10	14	20
CS 401540	-0.2	-0.5	9	873	9	14	14
CS 401541	-0.2	-0.5	7	1026	8	15	16
CS 401542	-0.2	-0.5	9	1747	13	17	21
CS 401543	-0.2	-0.5	6	1128	10	16	16
CS 401544	2.7	-0.5	7	674	7	9	12
CS 401545	-0.2	-0.5	8	650	9	11	11
CS 401546	-0.2	-0.5	10	650	14	10	11
CS 401547	-0.2	-0.5	11	793	8	13	13
CS 401548	-0.2	-0.5	6	530	11	9	9

  
 Adrienne I. Rittau, B.Sc., C.Chem  
 ICP Technical Manager

Negative values indicate less than the detection limit  
 99999 indicates greater than 10%  
 Assay recommended for Pb values greater than 5000 ppm

**ACTLABS**

**ACTIVATION  
LABORATORIES LTD**

---

Invoice No.: 14895  
Work Order: 14998  
Invoice Date: 24-FEB-98  
Date Submitted: 05-FEB-98  
Your Reference: 4058  
Account Number: 619

WMC INTERNATIONAL LIMITED  
EXPLORATION DIVISION  
2 GURDWARA ROAD  
NEPEAN, ONTARIO  
CANADA K2E 8A2  
ATTENTION: TERRY GOODWIN

**CERTIFICATE OF ANALYSIS**  
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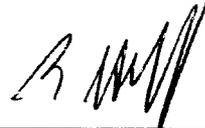
1 2 HEAVY MINERALS were submitted for analysis.

The following analytical packages were requested. Please see  
our current fee schedule for elements and detection limits.

REPORT 14895 CODE 3A-HMC-INAA(INAA.REV1)

This report may only be reproduced in its entirety without the express  
consent of ACTIVATION LABS. If no instructions were received or will be  
received within 90 days from the date of this report, excess material  
will be discarded. Our liability is limited solely to the analytical  
cost of these analyses. Test results are representative only of material  
submitted for analysis.

CERTIFIED BY :



DR E. HOFFMAN/GENERAL MANAGER

Sample description	AU PPB	AG PPM	AS PPM	BA PPH	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPH	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SR %	TA PPM	TH PPM	U PPM
CS 401633	175	<5	<2	<200	<5	<2	29	150	<2	17.8	120	<5	<50	<20	3110	<200	<50	<0.2	61	<20	<0.2	12	130	40
CS 401634	50	<5	<2	<200	<5	<2	35	180	<2	20.3	85	<5	<50	<20	4440	<200	<50	<0.2	76	<20	<0.2	5	110	33
CS 401638	<5	<5	<2	<200	<5	<2	29	140	<2	15.9	70	<5	<50	<20	3740	<200	<50	<0.2	58	<20	<0.2	7	80	22
CS 401693	<5	<5	<2	<200	<5	<2	21	130	<2	13.9	110	<5	<50	<20	2660	<200	<50	<0.2	67	<20	<0.2	6	130	40
CS 401694	<5	<5	<2	<200	<5	<2	20	130	<2	13.1	100	<5	<50	<20	2640	<200	<50	<0.2	61	<20	<0.2	7	120	32
CS 401695	<5	<5	<2	<200	<5	<2	19	160	<2	13.3	99	<5	<50	<20	1850	<200	<50	<0.2	64	<20	<0.2	5	100	36

Sample description	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
CS 401633	<4	380	430	730	230	48	8.7	8	23.2	4.1	51.00
CS 401634	<4	434	380	680	240	42	8.7	8	24.9	3.9	53.00
CS 401638	<4	<200	270	460	140	30	5.4	6	17.2	2.8	60.00
CS 401693	<4	<200	500	820	300	47	8.2	8	20.8	3.8	60.00
CS 401694	<4	<200	430	740	260	44	7.7	8	22.8	4.0	60.00
CS 401695	<4	208	360	640	200	39	8.0	6	21.2	3.5	60.00

**ACTLABS**

**ACTIVATION  
LABORATORIES LTD**

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Invoice No.: 15006  
Work Order: 15053  
Invoice Date: 11-MAR-98  
Date Submitted: 13-FEB-98  
Your Reference: 4058  
Account Number: 619

WMC INTERNATIONAL LIMITED  
EXPLORATION DIVISION  
2 GURDWARA ROAD  
NEPEAN, ONTARIO  
CANADA K2E 8A2  
ATTENTION: TERRY GOODWIN

**CERTIFICATE OF ANALYSIS**  
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288 CRUSHED ROCKS (PREP.REV1) were submitted for analysis.

The following analytical packages were requested. Please see  
our current fee schedule for elements and detection limits.

REPORT 15006 CODE 3C-AQUA REGIA ICP (AQUAJA.REV1)

This report may only be reproduced in its entirety without the express  
consent of ACTIVATION LABS. If no instructions were received or will be  
received within 90 days from the date of this report, excess material  
will be discarded. Our liability is limited solely to the analytical  
cost of these analyses. Test results are representative only of material  
submitted for analysis.

CERTIFIED BY :



DR E. HOFFMAN / GENERAL MANAGER

Activation Laboratories Ltd. Work Order No. 15053 Report No. 15006

SAMPLE	Ag	Cd	Cu	Mn	Ni	Pb	Zn
	ppm	ppm	ppm	ppm	ppm	ppm	ppm
CS 401633	0.3	-0.5	13	1750	24	11	19
CS 401634	-0.2	-0.5	9	1074	10	10	15
CS 401638	-0.2	-0.5	7	1125	18	9	23
CS 401693	-0.2	-0.5	7	359	9	7	6
CS 401694	-0.2	-0.5	8	412	7	6	7
CS 401695	-0.2	-0.5	7	222	8	7	5

Negative values indicate less than the detection limit  
99999 indicates greater than 10%  
Assay recommended for Pb values greater than 5000 ppm

  
Adrienne I. Rittau, B.Sc., Chem  
ICP Technical Manager

**ACTLABS**

**ACTIVATION  
LABORATORIES LTD**

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Invoice No.: 15866  
Work Order: 16016  
Invoice Date: 12-AUG-98  
Date Submitted: 31-JUL-98  
Your Reference: 4060F25-EXDIV  
Account Number: 614

ACT INTERNATIONAL LIMITED  
EXPLORATION DIVISION  
2 GURDWARA ROAD  
SPEAN, ONTARIO  
CANADA K2E 8A2  
ATTENTION: TERRY GOODWIN

**CERTIFICATE OF ANALYSIS**  
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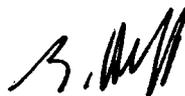
3 HEAVY MINERALS(PREP.REV1) were submitted for analysis.

The following analytical packages were requested. Please see  
our current fee schedule for elements and detection limits.

REPORT 15866 CODE 3A-HMC-INAA(INAA.REV1)  
REPORT 15866 B CODE 3C-AQUA REGIA ICP(AQUAJA.REV2)

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If no instructions were given at time of sample submittal regarding  
excess material, it will be discarded within 90 days of this report.  
Our liability is limited solely to the analytical cost of these analyses.  
Test results are representative only of material submitted for analysis.

CERTIFIED BY :

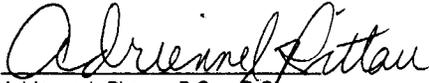


DR E.HOFFMAN/GENERAL MANAGER

Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SR %	TA PPM	TH PPM	U PPM
CS-105025	39	<5	<2	790	<5	<2	24	170	<2	20.9	130	<5	<50	<20	2490	<200	<50	<0.2	68	30	<0.2	11	160	46
CS-105026	32	<5	<2	<200	<5	<2	25	150	5	16.2	93	<5	<50	<20	2600	<200	<50	<0.2	60	<20	<0.2	6	120	27
CS-105027	687	<5	<2	<200	<5	<2	32	160	<2	19.5	110	<5	<50	<20	3950	<200	<50	<0.2	68	<20	<0.2	11	140	30
CS-105028	23	<5	<2	<200	<5	10	33	180	<2	18.9	80	<5	<50	<20	4430	<200	<50	<0.2	67	<20	<0.2	10	97	32
CS-105040	52	<5	<3	<200	<5	6	28	120	<2	16.6	110	<5	<50	<20	3680	<200	<50	<0.2	57	<20	<0.2	9	140	32
CS-105041	50	<5	<2	<200	<5	6	26	130	<2	14.1	80	<5	<50	<20	3130	<200	<50	<0.2	53	<20	<0.2	9	77	21
CS-105042	<5	<5	<2	<200	<5	11	36	210	<2	19.3	230	<5	<50	<20	4910	<200	<50	<0.2	69	<20	<0.2	12	150	43
CS-105043	45	<5	<2	<200	<5	<2	30	160	<2	18.9	130	<5	<50	<20	2790	<200	81	<0.2	65	<20	<0.2	13	150	31
CS-105044	97	<5	<2	<200	<5	9	29	160	<2	15.5	99	<5	<50	<20	2820	<200	<50	<0.2	63	<20	<0.2	8	95	17
CS-105045	56	<5	<2	<200	<5	8	28	180	<2	18.3	130	<5	<50	<20	3340	<200	<50	<0.2	74	<20	<0.2	10	150	27
CS-105046	225	<5	<2	<200	<5	<2	27	140	<2	13.9	82	<5	<50	<20	3720	<200	<50	<0.2	60	<20	<0.2	7	92	25
CS-105047	365	<5	<2	<200	<5	<2	31	190	<2	16.9	130	<5	<50	<20	4460	<200	<50	<0.2	66	<20	<0.2	8	120	21
CS-105048	62	<5	8	<200	<5	7	28	160	<2	16.8	120	<5	<50	<20	2840	<200	<50	<0.2	61	<20	<0.2	12	140	33
CS-105083	108	<5	<2	<200	<5	7	23	190	<2	14.3	83	<5	<50	<20	2690	<200	<50	<0.2	61	<20	<0.2	7	93	17
CS-105084	600	<5	<2	<200	<5	<2	23	130	<2	12.4	70	<5	<50	<20	2550	<200	<50	<0.2	56	<20	<0.2	9	81	21
CS-105085	68	<5	<2	<200	<5	11	21	120	<2	11.8	71	<5	<50	<20	2800	<200	<50	<0.2	50	<20	<0.2	7	73	20
CS-105086	230	<5	<2	<200	<5	10	22	130	<2	12.1	58	<5	<50	<20	2980	<200	<50	<0.2	57	<20	<0.2	6	67	19
CS-105087	363	<5	11	<200	<5	12	24	160	<2	13.0	96	<5	<50	<20	3670	<200	<50	<0.2	56	<20	<0.2	11	92	24
CS-105089	78	<5	<2	540	<5	5	22	120	<2	12.1	78	<5	<50	<20	2770	<200	<50	<0.2	56	<20	<0.2	5	61	16
CS-105090	97	<5	<2	<200	<5	11	26	200	<2	15.8	88	<5	<50	<20	3610	<200	<50	<0.2	73	<20	<0.2	11	74	16
CS-105091	<5	<5	<2	<200	<5	<2	23	140	<2	13.7	88	<5	<50	<20	3260	<200	<50	<0.2	69	<20	<0.2	9	77	19
CS-105092	329	<5	5	<200	<5	<2	24	180	<2	13.5	99	<5	<50	<20	2870	<200	<50	<0.2	61	<20	<0.2	13	100	23
CS-105093	133	<5	<2	<200	<5	13	22	180	<2	13.5	96	<5	<50	<20	3040	<200	<50	<0.2	65	<20	0.3	8	90	14

Activation Laboratories Ltd. Work Order No. 16016 Report No. 15866B

SAMPLE	Ag ppm	Cd ppm	Cu ppm	Mn ppm	Ni ppm	Pb ppm	Zn ppm
CS-105025	0.2	-0.5	12	655	7	12	11
CS-105026	-0.2	-0.5	10	957	8	12	13
CS-105027	-0.2	-0.5	12	899	10	9	12
CS-105028	-0.2	-0.5	9	628	22	10	14
CS-105040	-0.2	-0.5	9	544	10	10	10
CS-105041	-0.2	-0.5	82	493	9	12	11
CS-105042	-0.2	-0.5	8	463	8	8	14
CS-105043	-0.2	-0.5	11	448	7	12	11
CS-105044	-0.2	-0.5	26	436	10	10	12
CS-105045	-0.2	-0.5	7	670	7	10	10
CS-105046	-0.2	-0.5	26	768	8	11	12
CS-105047	-0.2	-0.5	17	728	8	17	10
CS-105048	-0.2	-0.5	22	709	10	13	12
CS-105083	-0.2	-0.5	6	755	7	12	10
CS-105084	-0.2	-0.5	14	937	11	12	11
CS-105085	-0.2	-0.5	12	866	9	9	13
CS-105086	-0.2	-0.5	8	734	7	7	12
CS-105087	0.2	-0.5	28	764	9	10	12
CS-105089	-0.2	-0.5	22	594	9	9	9
CS-105090	-0.2	-0.5	25	306	6	7	8
CS-105091	-0.2	-0.5	12	457	8	8	9
CS-105092	-0.2	-0.5	13	802	9	10	9
CS-105093	-0.2	-0.5	24	932	9	12	10

  
 Adrienne I. Rittau, B.Sc., C.Chem  
 ICP Technical Manager

**Appendix 3e**  
**Lithogeochemical Analyses**



# T S L LABORATORIES

DIVISION OF TSL/ASSAYERS INC.

2 - 302 - 48 th STREET,  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

TSL Report: S5770  
Date Received: Aug 27, 1997  
Date Reported: Aug 29, 1997  
Submitted By: WMC - R. Brommecker  
Project: MEL 4060-G10

Sample Types	Number	Size Fraction	Sample Preparation
Rock	44	-150	Crush, Riffle, Pulverize, Sand Clean
Pulps #	1	-150	None
Silica Blank *	0	-150	None

*All samples for gold analysis are weighed at one assay ton (29.16g). The columns with Au, Au1 Au2 and Au3 headings are analyzed from the original pulps and represent the following:*

*Au - initial analysis of sample*

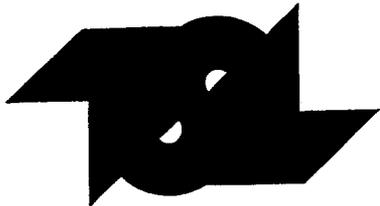
*Au1 - repeats that accompany initial analysis, usually three every twenty samples*

*Au2 - repeats on values in either Au or Au1 column.*

*Au3 - repeats on values in either Au, Au1 or Au2 column.*

*Ma-1b - reported value is based on a one gram sample*

Element Name	Method	Extraction Technique	Unit	Number of Samples	Lower Detection Limit	Upper Detection Limit
Au	Fire Assay	Fire Assay/Gravimetric	g/t	45	.03 g/t	100%
Au1	Fire Assay	Fire Assay/Gravimetric	g/t	6	.03 g/t	100%
Au2	Fire Assay	Fire Assay/Gravimetric	g/t	4	.03 g/t	100%
Au3	Fire Assay	Fire Assay/Gravimetric	g/t	0	.03 g/t	100%



# T S L LABORATORIES

DIVISION OF TSL/ASSAYERS INC.

2 - 302 - 48 th STREET,  
SASKATOON, SASKATCHEWAN

S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

## CERTIFICATE OF ANALYSIS

**SAMPLE(S) FROM** WMC International Limited  
22 Gurdwara Road  
Nepean, Ontario  
K2E 8A2

REPORT No.  
S5770

**SAMPLE(S) OF** 44 Rock/1 Std

INVOICE #: 29480  
P.O.:

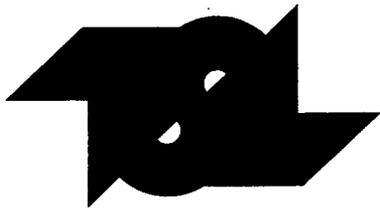
R. Brommecker  
Project: MEL 4060-G10

	Au g/t	Au1 g/t	Au2 g/t	Au3 g/t	Random Order
STD Ma-1b	19.10				
CR412208	.03				44
CR412209	1.59		1.41		4
CR412210	.31				27
CR412211	.03				39
CR412212	<.03				42
CR412213	3.97		4.03		22
CR412214	<.03				7
CR412215	.03				34

COPIES TO: T. Goodwin, A. Collins  
INVOICE TO: WMC Intl. - Ontario

Aug 29/97

SIGNED



# T S L LABORATORIES

DIVISION OF TSL/ASSAYERS INC.

2 - 302 - 48 th STREET,  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

TSL Report: S5770/7M5770  
Date Received: Aug 27, 1997  
Date Reported: Sep 04, 1997  
Submitted By: WMC - R. Brommecker  
Project: MEL 4060-G10

Sample Types	Number	Size Fraction	Sample Preparation
Rock	44	-150	Crush, Riffle, Pulverize, Sand Clean
Pulp #	1	-150	None
Silica Blank *	0	-150	None

Element Name	Method	Extraction Technique	Unit	Number of Samples	Lower Detection Limit	Upper Detection Limit
Ag	ICP	HNO <sub>3</sub> - HCl	ppm	45	1	200
Al	ICP	HNO <sub>3</sub> - HCl	%	45	.001	25
As	ICP	HNO <sub>3</sub> - HCl	ppm	45	5	10000
B	ICP	HNO <sub>3</sub> - HCl	ppm	45	10	10000
Ba	ICP	HNO <sub>3</sub> - HCl	ppm	45	1	10000
Be	ICP	HNO <sub>3</sub> - HCl	ppm	45	1	10000
Bi	ICP	HNO <sub>3</sub> - HCl	ppm	45	5	10000
Ca	ICP	HNO <sub>3</sub> - HCl	%	45	.002	20000
Cd	ICP	HNO <sub>3</sub> - HCl	ppm	45	1	10000
Co	ICP	HNO <sub>3</sub> - HCl	ppm	45	1	10000
Cr	ICP	HNO <sub>3</sub> - HCl	ppm	45	1	10000
Cu	ICP	HNO <sub>3</sub> - HCl	ppm	45	1	10000
Fe	ICP	HNO <sub>3</sub> - HCl	%	45	.001	50
Mg	ICP	HNO <sub>3</sub> - HCl	%	45	.001	20
Mn	ICP	HNO <sub>3</sub> - HCl	ppm	45	1	10000
Mo	ICP	HNO <sub>3</sub> - HCl	ppm	45	2	10000
Na	ICP	HNO <sub>3</sub> - HCl	%	45	.001	15
Ni	ICP	HNO <sub>3</sub> - HCl	ppm	45	1	10000
P	ICP	HNO <sub>3</sub> - HCl	ppm	45	2	10000
Pb	ICP	HNO <sub>3</sub> - HCl	ppm	45	2	10000
Sb	ICP	HNO <sub>3</sub> - HCl	ppm	45	5	10000
Sc	ICP	HNO <sub>3</sub> - HCl	ppm	45	1	10000
Sn	ICP	HNO <sub>3</sub> - HCl	ppm	45	10	10000
Sr	ICP	HNO <sub>3</sub> - HCl	ppm	45	1	10000
Ti	ICP	HNO <sub>3</sub> - HCl	ppm	45	1	10000
V	ICP	HNO <sub>3</sub> - HCl	ppm	45	1	10000
W	ICP	HNO <sub>3</sub> - HCl	ppm	45	10	10000
Y	ICP	HNO <sub>3</sub> - HCl	ppm	45	1	10000
Zn	ICP	HNO <sub>3</sub> - HCl	ppm	45	1	10000
Zr	ICP	HNO <sub>3</sub> - HCl	ppm	45	1	10000

WMC International Limited

ATTN:T. Goodwin, A. Collins

Project: MEL 4060-G10

SAMPLE:44 Rock/1 Std

L.A. IYE Lab. Drie  
 UNIT 2 - 302 EAST 48TH STREET, SASKATOON, SASKATCHEWAN  
 PHONE (306)931-1033 FAX (306) 242-4717

Report No : S5770  
 File No. : 7M5770  
 Date : 3-Sep-97

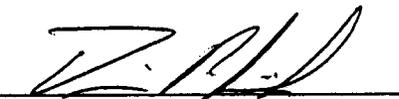
I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

SAMPLE #	*Ran ord.	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
CR412208	44	< 1	0.16	< 5	110	2	< 1	5	0.62	< 1	7	58	145	4.58	0.04	46	< 2	0.01	16	568	4	< 5	< 1	< 10	15	23	5	< 10	1	7	4
CR412209	4	3	0.37	3475	170	8	< 1	10	0.42	< 1	18	197	1022	7.36	0.08	129	2	0.01	33	1074	8	< 5	< 1	< 10	6	72	11	< 10	1	41	6
CR412210	27	< 1	0.84	< 5	110	150	< 1	5	0.32	< 1	3	90	128	4.41	0.26	72	< 2	0.02	5	554	4	< 5	1	< 10	4	621	17	< 10	1	23	4
CR412211	39	< 1	0.40	< 5	70	3	< 1	5	0.32	< 1	4	73	162	2.97	0.07	98	< 2	0.01	9	656	2	< 5	< 1	< 10	3	85	6	< 10	1	10	3
CR412212	42	< 1	0.05	< 5	20	13	< 1	< 5	0.02	< 1	1	123	3	0.29	0.04	17	< 2	0.01	6	16	< 2	< 5	< 1	< 10	2	14	2	< 10	< 1	3	1
CR412213	22	< 1	0.26	5	280	4	< 1	35	0.64	< 1	17	44	275	11.38	0.10	64	< 2	0.03	37	1638	14	5	< 1	< 10	10	79	14	20	3	21	10
CR412214	7	< 1	0.42	< 5	60	4	< 1	< 5	0.32	< 1	8	256	131	2.36	0.16	144	2	0.02	17	592	2	< 5	< 1	< 10	1	74	7	< 10	1	17	3
CR412215	34	< 1	0.60	< 5	70	1	< 1	< 5	0.50	< 1	1	51	10	3.03	0.06	75	< 2	0.02	2	1022	2	< 5	1	< 10	9	90	8	< 10	1	10	2

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 90 min and diluted to 25ml with D.I.H2O.

Values above the upper limit of analysis are outlined.

Signed: 



# T S L LABORATORIES

DIVISION OF TSL/ASSAYERS INC.

2 - 302 - 48 th STREET,  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

TSL Report: S5771  
Date Received: Aug 27, 1997  
Date Reported: Aug 29, 1997  
Submitted By: WMC - R. Brommecker  
Project: MEL 4060-G10

Sample Types	Number	Size Fraction	Sample Preparation
Rock	28	-150	Crush, Riffle, Pulverize, Sand Clean
Pulps #	1	-150	None
Silica Blank *	0	-150	None

*All samples for gold analysis are weighed at one assay ton (29.16g). The columns with Au, Au1 Au2 and Au3 headings are analyzed from the original pulps and represent the following:*

*Au - initial analysis of sample*

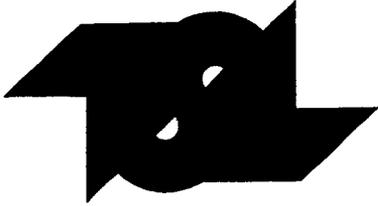
*Au1 - repeats that accompany initial analysis, usually three every twenty samples*

*Au2 - repeats on values in either Au or Au1 column.*

*Au3 - repeats on values in either Au, Au1 or Au2 column.*

*Ma-1b - reported value is based on a one gram sample*

Element Name	Method	Extraction Technique	Unit	Number of Samples	Lower Detection Limit	Upper Detection Limit
Au	Fire Assay	Fire Assay/Gravimetric	g/t	29	.03 g/t	100%
Au1	Fire Assay	Fire Assay/Gravimetric	g/t	3	.03 g/t	100%
Au2	Fire Assay	Fire Assay/Gravimetric	g/t	1	.03 g/t	100%
Au3	Fire Assay	Fire Assay/Gravimetric	g/t	0	.03 g/t	100%



# T S L LABORATORIES

DIVISION OF TSL/ASSAYERS INC.

2 - 302 - 48 th STREET,  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

## CERTIFICATE OF ANALYSIS

**SAMPLE(S) FROM** WMC International Limited  
22 Gurdwara Road  
Nepean, Ontario  
K2E 8A2

REPORT No.  
S5771

**SAMPLE(S) OF** 28 Rock/1 Std

INVOICE #: 29481  
P.O. :

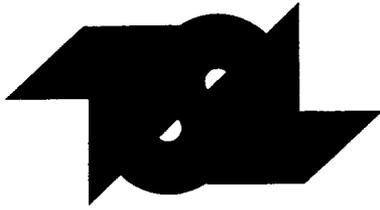
R. Brommecker  
Project: MEL 4060-G10

	Au g/t	Au1 g/t	Au2 g/t	Au3 g/t	Random Order
STD Ma-1b	16.10				
CR412132	.03				20
CR412133	.38				2
CR412134	.24				14
CR412135	.21				27
CR412136	3.59		3.86		10
CR412145	<.03				15

COPIES TO: T. Goodwin, A. Collins  
INVOICE TO: WMC Intl. - Ontario

Aug 29/97

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# T S L LABORATORIES

DIVISION OF TSL/ASSAYERS INC.

2 - 302 - 48 th STREET,  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

TSL Report: S5771/7M5771  
 Date Received: Aug 27, 1997  
 Date Reported: Sep 04, 1997  
 Submitted By: WMC - R. Brommecker  
 Project: MEL 4060-G10

Sample Types	Number	Size Fraction	Sample Preparation
Rock	28	-150	Crush, Riffle, Pulverize, Sand Clean
Pulp #	1	-150	None
Silica Blank *	0	-150	None

Element Name	Method	Extraction Technique	Unit	Number of Samples	Lower Detection Limit	Upper Detection Limit
Ag	ICP	HNO <sub>3</sub> - HCl	ppm	29	1	200
Al	ICP	HNO <sub>3</sub> - HCl	%	29	.001	25
As	ICP	HNO <sub>3</sub> - HCl	ppm	29	5	10000
B	ICP	HNO <sub>3</sub> - HCl	ppm	29	10	10000
Ba	ICP	HNO <sub>3</sub> - HCl	ppm	29	1	10000
Be	ICP	HNO <sub>3</sub> - HCl	ppm	29	1	10000
Bi	ICP	HNO <sub>3</sub> - HCl	ppm	29	5	10000
Ca	ICP	HNO <sub>3</sub> - HCl	%	29	.002	20000
Cd	ICP	HNO <sub>3</sub> - HCl	ppm	29	1	10000
Co	ICP	HNO <sub>3</sub> - HCl	ppm	29	1	10000
Cr	ICP	HNO <sub>3</sub> - HCl	ppm	29	1	10000
Cu	ICP	HNO <sub>3</sub> - HCl	ppm	29	1	10000
Fe	ICP	HNO <sub>3</sub> - HCl	%	29	.001	50
Mg	ICP	HNO <sub>3</sub> - HCl	%	29	.001	20
Mn	ICP	HNO <sub>3</sub> - HCl	ppm	29	1	10000
Mo	ICP	HNO <sub>3</sub> - HCl	ppm	29	2	10000
Na	ICP	HNO <sub>3</sub> - HCl	%	29	.001	15
Ni	ICP	HNO <sub>3</sub> - HCl	ppm	29	1	10000
P	ICP	HNO <sub>3</sub> - HCl	ppm	29	2	10000
Pb	ICP	HNO <sub>3</sub> - HCl	ppm	29	2	10000
Sb	ICP	HNO <sub>3</sub> - HCl	ppm	29	5	10000
Sc	ICP	HNO <sub>3</sub> - HCl	ppm	29	1	10000
Sn	ICP	HNO <sub>3</sub> - HCl	ppm	29	10	10000
Sr	ICP	HNO <sub>3</sub> - HCl	ppm	29	1	10000
Ti	ICP	HNO <sub>3</sub> - HCl	ppm	29	1	10000
V	ICP	HNO <sub>3</sub> - HCl	ppm	29	1	10000
W	ICP	HNO <sub>3</sub> - HCl	ppm	29	10	10000
Y	ICP	HNO <sub>3</sub> - HCl	ppm	29	1	10000
Zn	ICP	HNO <sub>3</sub> - HCl	ppm	29	1	10000
Zr	ICP	HNO <sub>3</sub> - HCl	ppm	29	1	10000

WMC International Limited

ATTN:T. Goodwin, A. Collins

Project: MEL 4060-G10

SAMPLE:28 Rock/1 Std

LA...YE... Lab...orie  
 UNIT 2 - 302 EAST 48TH STREET, SASKATOON, SASKATCHEWAN  
 PHONE (306)931-1033 FAX (306) 242-4717

Report No : S5771  
 File No. : 7M5771  
 Date : 3-Sep-97

I.C.A.P. PLASMA SCAN

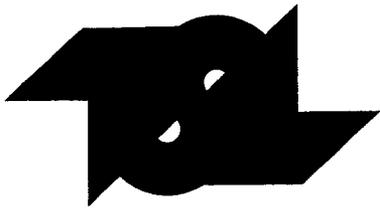
Aqua-Regia Digestion

SAMPLE #	*Ran ord.	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
CR412132	20	< 1	0.35	< 5	140	5	< 1	5	0.46	< 1	2	77	26	5.86	0.08	34	< 2	0.03	2	694	6	< 5	< 1	< 10	11	164	12	< 10	1	14	4
CR412133	2	< 1	1.07	< 5	100	19	< 1	5	0.46	< 1	3	95	314	4.24	0.23	349	< 2	0.01	5	560	2	< 5	1	< 10	2	206	13	< 10	1	22	4
CR412134	14	1	0.43	10	240	4	< 1	5	0.42	< 1	2	29	54	10.04	0.12	65	< 2	0.05	2	882	14	5	< 1	< 10	9	129	23	< 10	< 1	24	7
CR412135	27	1	0.26	20	80	1	< 1	< 5	0.45	< 1	2	54	109	3.07	0.06	60	< 2	0.03	7	996	4	< 5	< 1	< 10	12	78	5	< 10	1	10	3
CR412136	10	3	0.42	10000	250	28	< 1	10	0.52	< 1	112	128	274	10.33	0.08	49	< 2	0.03	96	1102	12	5	< 1	< 10	21	155	14	40	1	18	8
CR412145	15	< 1	0.27	5	30	3	< 1	< 5	0.38	< 1	1	136	15	1.12	0.11	41	< 2	0.02	4	132	< 2	< 5	< 1	< 10	3	91	6	< 10	< 1	10	1

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 90 min and diluted to 25ml with D.I.H2O.

Values above the upper limit of analysis are outlined.

Signed: 



# T S L LABORATORIES

DIVISION OF TSL/ASSAYERS INC.

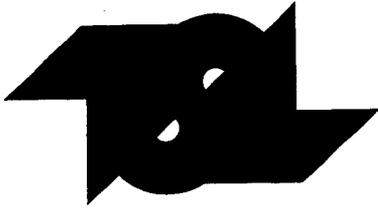
2 - 302 - 48 th STREET,  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

TSL Report: S5847/7M5771  
Date Received: Aug 26, 1997  
Date Reported: Sep 05, 1997  
Submitted By: WMC - R. Brommecker  
Project: MEL 4060-G10

Sample Types	Number	Size Fraction	Sample Preparation
Rock	1	-150	Crush, Riffle, Pulverize, Sand Clean
Pulp	0	-150	None

Element Name	Method	Extraction Technique	Unit	Number of Samples	Lower Detection Limit	Upper Detection Limit
As	A.A.	HNO <sub>3</sub> -HCl	%	1	.01	100%



# T S L LABORATORIES

DIVISION OF TSL/ASSAYERS INC.

2 - 302 - 48 th STREET,  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

## CERTIFICATE OF ANALYSIS

**SAMPLE(S) FROM** WMC International Limited  
22 Gurdwara Road  
Nepean, Ontario  
K2E 8A2

REPORT No. S5847
---------------------

**SAMPLE(S) OF** Rock Pulp

INVOICE #: 29558  
P.O.:

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R. Brommecker  
Project: MEL 4060-G10

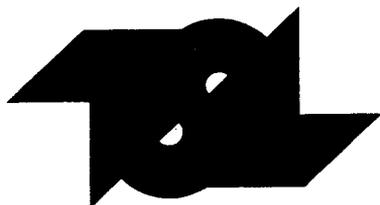
Original Report S5771 / Assay Values on ICAP

	As %
CR412136	2.88

COPIES TO: T. Goodwin, A. Collins  
INVOICE TO: WMC Intl. - Ontario

Sep 05/97

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# T S L LABORATORIES

DIVISION OF TSL/ASSAYERS INC.

2 - 302 - 48 th STREET,  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

Company: WMC International Limited  
Geologist: T. Goodwin  
Project: GEO 514

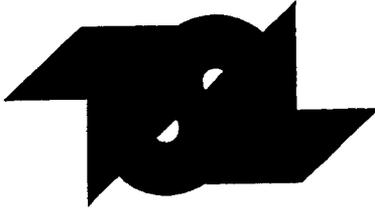
TSL Report: S7160  
Date Received: Jun 25, 1998  
Date Reported: Jul 03, 1998  
Invoice: 31050

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	21	Crush 65% at -10 mesh Pulv. 90% at -150 mesh	Crush, Riffle, Pulverize, Sand Clean
Pulp #	0	-150	None
Silica Blank *	0	-150	None

All samples for gold analysis are weighed at one assay ton (29.16g). The columns with Au, Au1 Au2 and Au3 headings are analyzed from the original pulps and represent the following:

*Au* initial analysis of sample  
*Au1* repeats that accompany initial analysis, usually three every twenty samples  
*Au2* repeats on values in either Au or Au1 column  
*Au3* repeats on values in either Au, Au1 or Au2 column  
*Ma-1b* value is based on a one gram sample weight

Element Name	Unit	Extraction Technique	Number of Samples	Lower Detection Limit	Upper Detection Limit
Au	g/t	Fire Assay/Gravimetric	21	.03	100%
Au1	g/t	Fire Assay/Gravimetric	3	.03	100%
Au2	g/t	Fire Assay/Gravimetric	0	.03	100%
Au3	g/t	Fire Assay/Gravimetric	0	.03	100%



# T S L LABORATORIES

DIVISION OF TSL/ASSAYERS INC.

2 - 302 - 48 th STREET,  
SASKATOON, SASKATCHEWAN

S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

## CERTIFICATE OF ANALYSIS

**SAMPLE(S) FROM** WMC International Limited  
22 Gurdwara Road  
Nepean, Ontario  
K2E 8A2

**REPORT No.**  
S7160

**SAMPLE(S) OF** Rock

**INVOICE #:** 31050  
**P.O.:**

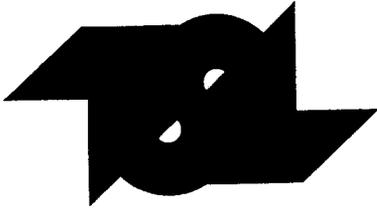
T. Goodwin  
ExDiv 4056F30

	Au g/t	Au1 g/t	Au2 g/t	Au3 g/t	Random Order	File Name
CR420307	<.03				14	S7160
CR420308	<.03	<.03			5	S7160
CR420309	<.03				16	S7160

**COPIES TO:** T. Goodwin  
**INVOICE TO:** WMC Intl. - Ontario

Jul 03/98

**SIGNED** 



# T S L LABORATORIES

DIVISION OF TSL/ASSAYERS INC.

2 - 302 - 48 th STREET,  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

## CERTIFICATE OF ANALYSIS

**SAMPLE(S) FROM** WMC International Limited  
22 Gurdwara Road  
Nepean, Ontario  
K2E 8A2

<b>REPORT No.</b> S7160
----------------------------

**SAMPLE(S) OF** Rock

INVOICE #: 31050  
P.O.:

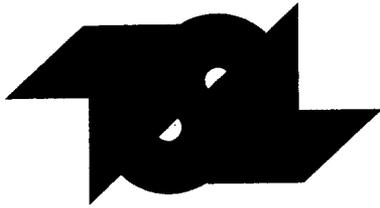
T. Goodwin  
ExDiv 4056F30

	Au g/t	Au1 g/t	Au2 g/t	Au3 g/t	Random Order	File Name
CR420321	<.03				19	S7160
Ma-1b	17.10				22	S7160

COPIES TO: T. Goodwin  
INVOICE TO: WMC Intl. - Ontario

Jul 03/98

SIGNED 



# T S L LABORATORIES

DIVISION OF TSL/ASSAYERS INC.

2 - 302 - 48 th STREET,  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

Company: WMC International Limited  
Geologist: T. Goodwin  
Project: ExDiv 4056F30

TSL Report: S7160  
Date Received: Jun 26, 1998  
Date Reported: Jul 07, 1998  
Invoice: 31050

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	21	Crush 65% at -10 mesh Pulv. 90% at -150 mesh	Crush, Riffle, Pulverize, Sand Clean
Pulp #	0	-150	None
Silica Blank *	0	-150	None

*The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.*

Element Name	Method	Extraction Technique	Unit	Lower Detection Limit	Upper Detection Limit
Ag	ICP	HNO <sub>3</sub> - HCl	ppm	.2	100
Al*	ICP	HNO <sub>3</sub> - HCl	%	.01	15
As	ICP	HNO <sub>3</sub> - HCl	ppm	5	10000
Ba*	ICP	HNO <sub>3</sub> - HCl	ppm	10	10000
Be*	ICP	HNO <sub>3</sub> - HCl	ppm	.5	100
Bi	ICP	HNO <sub>3</sub> - HCl	ppm	5	10000
Ca*	ICP	HNO <sub>3</sub> - HCl	%	.01	15
Cd	ICP	HNO <sub>3</sub> - HCl	ppm	1	100
Co	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Cr*	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Cu	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Fe*	ICP	HNO <sub>3</sub> - HCl	%	.01	15
K*	ICP	HNO <sub>3</sub> - HCl	%	.01	10
Mg*	ICP	HNO <sub>3</sub> - HCl	%	.01	15
Mn	ICP	HNO <sub>3</sub> - HCl	ppm	5	10000
Mo	ICP	HNO <sub>3</sub> - HCl	ppm	2	10000
Na*	ICP	HNO <sub>3</sub> - HCl	%	.01	5
Ni	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
P*	ICP	HNO <sub>3</sub> - HCl	ppm	10	10000
Pb	ICP	HNO <sub>3</sub> - HCl	ppm	2	10000
Sb	ICP	HNO <sub>3</sub> - HCl	ppm	5	10000
Sc	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Sn*	ICP	HNO <sub>3</sub> - HCl	ppm	10	10000
Sr*	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Ti*	ICP	HNO <sub>3</sub> - HCl	%	.01	10
V	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
W*	ICP	HNO <sub>3</sub> - HCl	ppm	10	10000
Y	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Zn	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Zr*	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000

**WMC International Limited**

Attention: T. Goodwin

Project: ExDiv 4056F30

Sample: Rock

UNIT 2 - 302 EAST 48TH STREET, SASKATOON, SASKATCHEWAN

PHONE (306) 931-1033 FAX (306) 242-4717

Report No : S7160

File No : 8M7160

Date : Jul-07-98

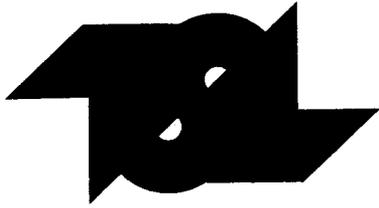
**MULTI-ELEMENT ICP ANALYSIS**

Aqua Regia Digestion

Sample Number	Ran ord.	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
CR420307	14	<0.2	0.81	<5	50	1.0	5	0.76	<1	2	75	18	4.85	0.12	0.16	70	<2	0.05	7	900	<2	5	<1	<10	20	0.02	13	<10	2	21	8
CR420308	5	0.2	0.25	<5	10	<0.5	5	0.13	<1	1	82	198	0.85	0.16	0.01	40	2	0.04	3	630	10	<5	<1	<10	3	<0.01	2	<10	2	24	8
CR420309	16	<0.2	2.41	<5	320	<0.5	<5	0.17	1	79	36	360	12.83	2.03	1.75	225	<2	0.03	135	120	<2	5	1	<10	22	0.36	1641	<10	<1	144	10
CR420321	19	<0.2	0.26	<5	10	<0.5	5	0.74	<1	5	51	176	3.11	0.02	0.04	50	<2	0.02	10	1390	2	<5	<1	<10	16	0.01	8	<10	1	7	4

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.

Signed: 



# T S L LABORATORIES

DIVISION OF TSL/ASSAYERS INC.

2 - 302 - 48 th STREET,  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

Company: WMC International Limited  
Geologist: C. Baker  
Project: EXDIV Peter Lake 4056 F30

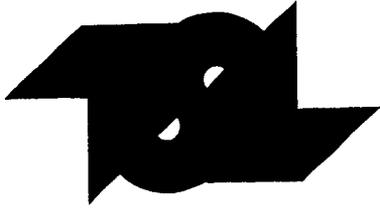
TSL Report: S7835  
Date Received: Aug 27, 1998  
Date Reported: Sep 02, 1998  
Invoice: 31773

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	17	Crush 65% at -10 mesh Pulv. 90% at -150 mesh	Crush, Riffle, Pulverize, Sand Clean
Pulp #	1	-150	None
Silica Blank *	0	-150	None

All samples for gold analysis are weighed at one assay ton (29.16g). The columns with Au, Au1 Au2 and Au3 headings are analyzed from the original pulps and represent the following:

Au        *initial analysis of sample*  
Au1       *repeats that accompany initial analysis, usually three every twenty samples*  
Au2       *repeats on values in either Au or Au1 column*  
Au3       *repeats on values in either Au, Au1 or Au2 column*  
Ma-1b    *value is based on a one gram sample weight*

Element Name	Unit	Extraction Technique	Number of Samples	Lower Detection Limit	Upper Detection Limit
Au	g/t	Fire Assay/Gravimetric	18	.03	100%
Au1	g/t	Fire Assay/Gravimetric	2	.03	100%
Au2	g/t	Fire Assay/Gravimetric	4	.03	100%
Au3	g/t	Fire Assay/Gravimetric	0	.03	100%



# T S L LABORATORIES

DIVISION OF TSL/ASSAYERS INC.

2 - 302 - 48 th STREET,  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

## CERTIFICATE OF ANALYSIS

**SAMPLE(S) FROM** WMC International Limited  
22 Gurdwara Road  
Nepean, Ontario  
K2E 8A2

<b>REPORT No.</b> S7835
----------------------------

**SAMPLE(S) OF** 17 Rock/1 Std

INVOICE #: 31773  
P.O. : EXDIV 4056 F30

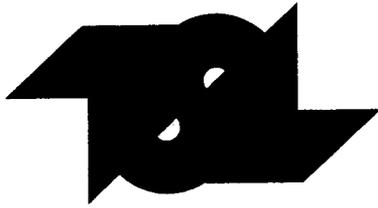
C. Baker  
EXDIV Peter Lake

	Au g/t	Au1 g/t	Au2 g/t	Au3 g/t	Random Order	File Name
CR420332	<.03				18	S7835
CR420333	<.03				1	S7835
CR420334	.21	.10			5	S7835
CR420335	<.03				11	S7835
CR420336	.03				3	S7835
CR420337	1.83	1.48			10	S7835
CR420338	.03				2	S7835
CR420339	.17				9	S7835
CR420340	6.97		7.10		17	S7835
CR420341	12.55		12.48		4	S7835
CR420342	.03				13	S7835
CR420343 #	1.79				16	S7835
Ma-1b	16.10				19	S7835

COPIES TO: T. Goodwin  
INVOICE TO: WMC Int'l - Ontario

Sep 02/98

SIGNED 



# T S L LABORATORIES

DIVISION OF TSL/ASSAYERS INC.

2 - 302 - 48 th STREET,  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

Company: WMC International Limited  
Geologist: C. Baker  
Project: EXDIV Peter Lake 4056 F30

TSL Report: S7835  
Date Received: Aug 27, 1998  
Date Reported: Sep 03, 1998  
Invoice: 31773

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	17	Crush 65% at -10 mesh Pulv. 90% at -150 mesh	Crush, Riffle, Pulverize, Sand Clean
Pulp #	1	-150	None
Silica Blank *	0	-150	None

*The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.*

Element Name	Method	Extraction Technique	Unit	Lower Detection Limit	Upper Detection Limit
Ag	ICP	HNO <sub>3</sub> - HCl	ppm	.2	100
Al*	ICP	HNO <sub>3</sub> - HCl	%	.01	15
As	ICP	HNO <sub>3</sub> - HCl	ppm	5	10000
Ba*	ICP	HNO <sub>3</sub> - HCl	ppm	10	10000
Be*	ICP	HNO <sub>3</sub> - HCl	ppm	.5	100
Bi	ICP	HNO <sub>3</sub> - HCl	ppm	5	10000
Ca*	ICP	HNO <sub>3</sub> - HCl	%	.01	15
Cd	ICP	HNO <sub>3</sub> - HCl	ppm	1	100
Co	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Cr*	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Cu	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Fe*	ICP	HNO <sub>3</sub> - HCl	%	.01	15
K*	ICP	HNO <sub>3</sub> - HCl	%	.01	10
Mg*	ICP	HNO <sub>3</sub> - HCl	%	.01	15
Mn	ICP	HNO <sub>3</sub> - HCl	ppm	5	10000
Mo	ICP	HNO <sub>3</sub> - HCl	ppm	2	10000
Na*	ICP	HNO <sub>3</sub> - HCl	%	.01	5
Ni	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
P*	ICP	HNO <sub>3</sub> - HCl	ppm	10	10000
Pb	ICP	HNO <sub>3</sub> - HCl	ppm	2	10000
Sb	ICP	HNO <sub>3</sub> - HCl	ppm	5	10000
Sc	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Sn*	ICP	HNO <sub>3</sub> - HCl	ppm	10	10000
Sr*	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Ti*	ICP	HNO <sub>3</sub> - HCl	%	.01	10
V	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
W*	ICP	HNO <sub>3</sub> - HCl	ppm	10	10000
Y	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Zn	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Zr*	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000

**WMC International Limited**

Attention: T. Goodwin

Project: EXDIV Peter Lake

Sample:

**TSL\ASSAYERS Laboratories**

UNIT 2 - 302 EAST 48TH STREET, SASKATOON, SASKATCHEWAN

PHONE (306) 931-1033 FAX (306) 242-4717

Report No : S7835

File No : 8M7835

Date : Sep-03-98

**ICP Report**

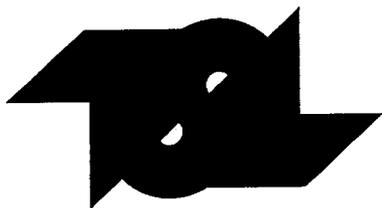
Aqua Regia Digestion

Sample Number	Ran ord.	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
CR420332	18	0.6	1.05	<5	20	<0.5	5	0.42	<1	15	147	218	6.90	0.03	0.58	80	<2	0.03	27	1700	10	5	<1	<10	5	0.01	13	<10	2	42	11
CR420333	1	<0.2	0.62	<5	100	<0.5	5	0.57	1	3	84	34	8.75	0.22	0.20	55	<2	0.05	7	1000	14	5	<1	<10	11	0.04	15	<10	1	10	8
CR420334	5	<0.2	0.30	<5	40	<0.5	<5	3.92	<1	4	76	16	5.13	0.04	0.11	145	<2	0.02	10	1060	12	<5	1	<10	189	0.01	11	<10	3	15	8
CR420335	11	<0.2	0.30	20	30	<0.5	<5	0.16	<1	1	180	4	1.47	0.05	0.11	30	<2	0.02	8	290	2	<5	<1	<10	4	0.02	4	<10	1	7	3
CR420336	3	<0.2	0.47	<5	10	<0.5	5	0.61	<1	2	65	26	3.50	0.04	0.07	90	<2	0.05	6	750	4	<5	<1	<10	11	0.01	6	<10	1	14	5
CR420337	10	2.0	0.02	>10000	10	<0.5	10	0.03	<1	158	245	121	4.39	0.01	0.01	25	<2	0.01	58	60	8	5	<1	<10	1	<0.01	3	<10	<1	1	5
CR420338	2	<0.2	0.64	<5	10	<0.5	5	0.72	<1	20	112	245	4.91	0.01	0.14	100	<2	0.02	39	2130	6	<5	1	<10	27	0.01	13	<10	1	11	8
CR420339	9	<0.2	0.41	5	10	<0.5	5	0.65	<1	2	72	29	4.16	0.04	0.10	45	<2	0.05	4	1020	8	<5	<1	<10	16	0.02	10	<10	2	66	5
CR420340	17	1.2	0.81	10	120	1.0	145	0.38	<1	15	148	336	6.98	0.31	0.25	190	12	0.03	36	850	10	<5	1	<10	3	0.04	23	<10	2	32	7
CR420341	4	5.8	0.12	6420	40	<0.5	10	0.17	<1	43	140	218	5.90	0.03	0.05	65	<2	0.02	32	70	806	5	<1	<10	3	0.01	6	10	1	4003	5
CR420342	13	0.2	0.38	10	10	<0.5	5	0.33	<1	10	101	647	8.36	0.01	0.06	85	<2	0.02	22	740	14	5	<1	<10	4	0.01	10	<10	<1	6	10
CR420343 #	16	0.2	0.87	470	10	<0.5	<5	0.13	<1	<1	1	7	1.13	0.05	0.02	5	20	0.02	1	70	50	40	<1	<10	20	<0.01	2	<10	1	4	3

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 90 min and diluted to 25ml with D.I.H2O.

Signed: \_\_\_\_\_





# T S L LABORATORIES

DIVISION OF TSL/ASSAYERS INC.

2 - 302 - 48 th STREET,  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

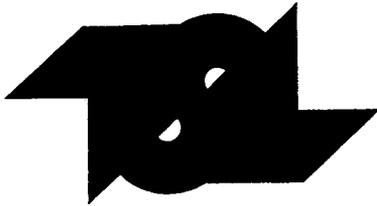
Company: WMC International Limited  
Geologist: C. Baker  
Project: EXDIV Peter Lake 4056 F30

TSL Report: S7889 / Original Report S7835  
Date Received: Aug 27, 1998  
Date Reported: Sep 08, 1998  
Invoice: 31826

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	3	Crush 65% at -10 mesh Pulv. 90% at -150 mesh	Crush, Riffle, Pulverize, Sand Clean

*All samples for As (%) are weighed at .5 gram.*

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
As	%	HCl-HNO <sub>3</sub> /AA	.01	100



# T S L LABORATORIES

DIVISION OF TSL/ASSAYERS INC.

2 - 302 - 48 th STREET,  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

## CERTIFICATE OF ANALYSIS

**SAMPLE(S) FROM** WMC International Limited  
# 110 - 8008 East Arapahoe Court  
Englewood, Colorado  
USA 80112

<b>REPORT No.</b> S7889
----------------------------

**SAMPLE(S) OF** Rock

INVOICE #: 31826  
P.O.: EXDIV 4056 F30

C. Baker  
EXDIV Peter Lake

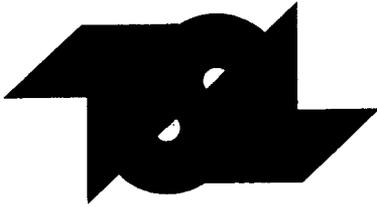
Original Report S7835 / Assay Values from ICAP

	As %	File Name
CR420337	2.21	S7889

COPIES TO: T. Goodwin  
INVOICE TO: WMC Int'l - Ontario

Sep 08/98

SIGNED \_\_\_\_\_



# T S L LABORATORIES

DIVISION OF TSL/ASSAYERS INC.

2 - 302 - 48 th STREET,  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

Company: WMC International Limited  
Geologist: C. Baker  
Project: EXDIV Peter Lake 4056 F30

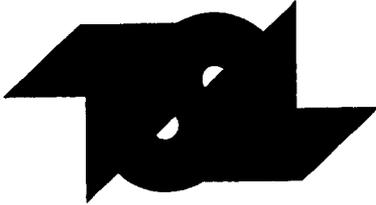
TSL Report: S7903  
Date Received: Sep 10, 1998  
Date Reported: Sep 11, 1998  
Invoice: 31866

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	31	Crush 65% at -10 mesh Pulv. 90% at -150 mesh	Crush, Riffle, Pulverize, Sand Clean
Pulp #	1	-150	None
Silica Blank *	0	-150	None

*All samples for gold analysis are weighed at one assay ton (29.16g). The columns with Au, Au1 Au2 and Au3 headings are analyzed from the original pulps and represent the following:*

*Au initial analysis of sample  
Au1 repeats that accompany initial analysis, usually three every twenty samples  
Au2 repeats on values in either Au or Au1 column  
Au3 repeats on values in either Au, Au1 or Au2 column  
Ma-1b value is based on a one gram sample weight*

Element Name	Unit	Extraction Technique	Number of Samples	Lower Detection Limit	Upper Detection Limit
Au	g/t	Fire Assay/Gravimetric	32	.03	100%
Au1	g/t	Fire Assay/Gravimetric	3	.03	100%
Au2	g/t	Fire Assay/Gravimetric	1	.03	100%
Au3	g/t	Fire Assay/Gravimetric	1	.03	100%



# T S L LABORATORIES

DIVISION OF TSL/ASSAYERS INC.

2 - 302 - 48 th STREET,  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

## CERTIFICATE OF ANALYSIS

**SAMPLE(S) FROM** WMC International Limited  
# 110 - 8008 East Arapahoe Court  
Englewood, Colorado  
USA 80112

**REPORT No.**  
S7903

**SAMPLE(S) OF** 31 Rock/1 Std

INVOICE #: 31866  
P.O.: EXDIV 4056 F30

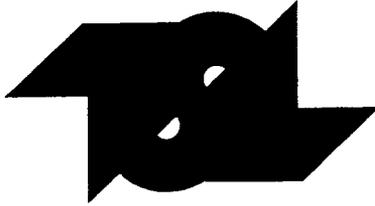
C. Baker  
EXDIV Peter Lake

	Au g/t	Au1 g/t	Au2 g/t	Au3 g/t	Random Order	File Name
CR414201	<.03				21	S7903
CR414202	<.03				28	S7903
CR414203	<.03				1	S7903
CR414204	.03				29	S7903
CR414205	<.03				5	S7903
CR420346	.03				20	S7903
CR420347	.07				6	S7903
CR420348	<.03				4	S7903
CR420349	.72	.76			8	S7903
CR420350	.31				12	S7903
CR420354	<.03				27	S7903
CR420355	17.62		18.45	20.10	16	S7903
CR420357	<.03				11	S7903
CR420358	<.03	<.03			3	S7903

COPIES TO: T. Goodwin  
INVOICE TO: WMC Int'l - Ontario

Sep 11/98

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# T S L LABORATORIES

DIVISION OF TSL/ASSAYERS INC.

2 - 302 - 48 th STREET,  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

## CERTIFICATE OF ANALYSIS

**SAMPLE(S) FROM** WMC International Limited  
# 110 - 8008 East Arapahoe Court  
Englewood, Colorado  
USA 80112

<b>REPORT No.</b> S7903
----------------------------

**SAMPLE(S) OF** 31 Rock/1 Std

INVOICE #: 31866  
P.O.: EXDIV 4056 F30

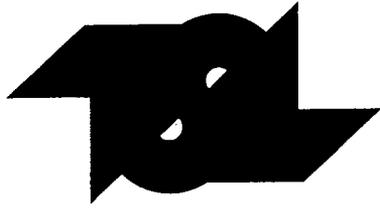
C. Baker  
EXDIV Peter Lake

	Au g/t	Au1 g/t	Au2 g/t	Au3 g/t	Random Order	File Name
CR420360 #	1.86				14	S7903
CR420364	.03				7	S7903
CR420365	<.03				18	S7903
CR420366	.07				32	S7903
CR420367	<.03				2	S7903
CR420370	.03				9	S7903
CR420371	<.03	<.03			13	S7903

COPIES TO: T. Goodwin  
INVOICE TO: WMC Int'l - Ontario

Sep 11/98

SIGNED 



# T S L LABORATORIES

DIVISION OF TSL/ASSAYERS INC.

2 - 302 - 48 th STREET,  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

Company: WMC International Limited  
Geologist: C. Baker  
Project: EXDIV Peter Lake 4056 F30

TSL Report: S7903  
Date Received: Sep 10, 1998  
Date Reported: Sep 18, 1998  
Invoice: 31866

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	31	Crush 65% at -10 mesh Pulv. 90% at -150 mesh	Crush, Riffle, Pulverize, Sand Clean
Pulp #	1	-150	None
Silica Blank *	0	-150	None

*The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.*

Element Name	Method	Extraction Technique	Unit	Lower Detection Limit	Upper Detection Limit
Ag	ICP	HNO <sub>3</sub> - HCl	ppm	.2	100
Al*	ICP	HNO <sub>3</sub> - HCl	%	.01	15
As	ICP	HNO <sub>3</sub> - HCl	ppm	5	10000
Ba*	ICP	HNO <sub>3</sub> - HCl	ppm	10	10000
Be*	ICP	HNO <sub>3</sub> - HCl	ppm	.5	100
Bi	ICP	HNO <sub>3</sub> - HCl	ppm	5	10000
Ca*	ICP	HNO <sub>3</sub> - HCl	%	.01	15
Cd	ICP	HNO <sub>3</sub> - HCl	ppm	1	100
Co	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Cr*	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Cu	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Fe*	ICP	HNO <sub>3</sub> - HCl	%	.01	15
K*	ICP	HNO <sub>3</sub> - HCl	%	.01	10
Mg*	ICP	HNO <sub>3</sub> - HCl	%	.01	15
Mn	ICP	HNO <sub>3</sub> - HCl	ppm	5	10000
Mo	ICP	HNO <sub>3</sub> - HCl	ppm	2	10000
Na*	ICP	HNO <sub>3</sub> - HCl	%	.01	5
Ni	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
P*	ICP	HNO <sub>3</sub> - HCl	ppm	10	10000
Pb	ICP	HNO <sub>3</sub> - HCl	ppm	2	10000
Sb	ICP	HNO <sub>3</sub> - HCl	ppm	5	10000
Sc	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Sn*	ICP	HNO <sub>3</sub> - HCl	ppm	10	10000
Sr*	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Ti*	ICP	HNO <sub>3</sub> - HCl	%	.01	10
V	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
W*	ICP	HNO <sub>3</sub> - HCl	ppm	10	10000
Y	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Zn	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Zr*	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000

**WMC International Limited**

Attention: T. Goodwin

Project: EXDIV Peter Lake

Sample: Core

**TSLASSAYERS Laboratories**

UNIT 2 - 302 EAST 48TH STREET, SASKATOON, SASKATCHEWAN

PHONE (306) 931-1033 FAX (306) 242-4717

Report No : S7903

File No : 8M7903

Date : Sep-16-98

**MULTI-ELEMENT ICP ANALYSIS**

Aqua Regia Digestion

Sample Number	Ran ord.	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
CR414201	21	<0.2	1.24	<5	280	<0.5	<5	0.24	<1	23	169	185	3.56	0.91	0.95	155	12	0.07	41	750	4	<5	8	<10	5	0.16	66	<10	4	37	18
CR414202	28	<0.2	0.92	<5	110	<0.5	<5	0.16	<1	7	250	29	2.07	0.52	0.65	140	8	0.05	25	520	10	5	3	<10	7	0.07	35	<10	2	34	7
CR414203	1	<0.2	1.08	<5	80	<0.5	5	1.16	1	5	92	6	12.06	0.26	0.46	175	2	0.02	16	1510	22	5	1	<10	96	0.04	26	<10	4	25	13
CR414204	29	<0.2	0.47	<5	60	<0.5	15	0.24	2	3	87	11	>15.00	0.08	0.13	50	<2	0.01	10	1070	36	5	<1	<10	22	0.02	28	<10	2	16	14
CR414205	5	<0.2	0.14	<5	10	<0.5	<5	0.46	<1	5	239	93	0.88	0.01	0.09	90	8	0.04	19	260	8	<5	<1	<10	4	0.01	4	<10	<1	14	1
CR420346	20	0.2	0.11	15	10	<0.5	5	0.27	<1	12	223	152	4.13	0.01	0.08	195	10	0.02	46	680	6	5	<1	<10	7	0.01	5	<10	1	14	4
CR420347	6	1.8	0.33	<5	10	0.5	10	0.39	2	2	127	16	2.81	0.03	0.05	90	4	0.04	8	370	346	<5	<1	<10	14	0.01	5	<10	1	85	3
CR420348	4	1.2	0.41	<5	10	0.5	5	0.44	2	1	103	25	2.78	0.03	0.06	90	4	0.04	8	500	218	<5	<1	<10	18	0.01	7	<10	1	114	4
CR420349	8	0.2	1.68	<5	130	<0.5	10	0.87	1	22	110	470	6.31	0.46	0.34	145	2	0.05	38	320	10	<5	2	<10	22	0.05	25	<10	2	26	5
CR420350	12	0.6	0.53	<5	10	0.5	20	0.59	1	28	61	802	10.42	0.02	0.15	40	<2	0.03	46	1020	18	5	<1	<10	4	0.01	14	<10	1	9	8
CR420354	27	<0.2	0.35	<5	20	0.5	5	0.49	1	2	62	21	10.90	0.02	0.09	65	<2	0.04	7	1080	20	<5	<1	<10	10	0.03	19	<10	1	8	11
CR420355	16	0.4	0.01	20	10	<0.5	5	0.05	<1	140	227	23	6.76	0.01	0.01	20	10	0.01	55	60	64	5	<1	<10	1	<0.01	7	<10	<1	4	5
CR420357	11	<0.2	0.37	<5	40	<0.5	<5	0.12	<1	4	106	21	1.03	0.25	0.30	70	6	0.02	15	530	2	<5	1	<10	3	0.03	17	<10	1	13	3
CR420358	3	0.4	0.88	<5	20	<0.5	<5	2.02	<1	77	152	1327	4.01	0.06	0.64	350	4	0.08	194	300	8	<5	5	<10	15	0.06	50	<10	4	34	4
CR420360 #	14	0.2	0.86	405	10	<0.5	<5	0.13	<1	<1	1	8	1.06	0.06	0.02	5	14	0.02	1	60	52	40	<1	<10	20	<0.01	2	<10	1	3	5
CR420364	7	<0.2	0.73	<5	20	<0.5	5	0.98	1	1	68	3	1.02	0.07	0.08	50	2	0.09	4	810	14	5	<1	<10	33	0.02	12	<10	1	7	8
CR420365	18	0.2	0.22	<5	10	0.5	5	0.14	<1	4	87	159	0.99	0.10	0.01	140	4	0.10	5	640	18	<5	<1	<10	2	<0.01	1	<10	3	2	27
CR420366	32	<0.2	0.07	<5	10	<0.5	15	0.17	<1	25	208	121	2.63	0.01	0.03	35	8	0.02	54	780	4	5	<1	<10	4	0.02	3	<10	4	3	14
CR420367	2	0.4	2.36	<5	40	<0.5	5	0.35	1	34	189	802	9.71	0.11	1.05	190	4	0.03	64	1000	14	5	2	<10	6	0.03	41	<10	2	50	12
CR420370	9	0.2	0.24	<5	20	<0.5	<5	0.21	<1	17	227	815	1.56	0.04	0.19	70	4	0.02	51	100	4	5	1	<10	1	0.03	14	<10	<1	19	3
CR420371	13	<0.2	0.51	<5	10	<0.5	5	3.94	1	2	160	38	3.40	0.02	0.20	425	<2	0.01	7	560	6	5	1	<10	228	<0.01	6	<10	5	13	4

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.

Signed: \_\_\_\_\_





Saskatoon: #2 – 302 48<sup>th</sup> Street East, Saskatoon, Saskatchewan S7K 6A4

Tel: 306 931-1033 Fax: 306 242-4717

Swastika Laboratories: 1 Cameron Avenue, Swastika, Ontario P0K 1T0

Tel: 705 642-3244 Fax: 705 642-3300

Vancouver: 8282 Sherbrooke St., Vancouver, British Columbia V5X 4E8

Tel: 604 327-3436 Fax: 604 327-3423

Company: WMC International Limited  
 Geologist: B. Marvin  
 Project: AKLAK / xcawmeli.1532-403266

TSL Report: S9108  
 Date Received: Jul 29, 1999  
 Date Reported: Aug 04, 1999  
 Invoice: 33312

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	51	Crush 65% at -10 mesh Pulv. 90% at -150 mesh	Crush, Riffle, Pulverize, Sand Clean
Pulp #	2	-150	None
Silica Blank *	2	-150	None

All samples for gold analysis analysis (Au g/t) are weighed at 30 grams.

*Au g/t* initial analysis of sample  
*Au1 g/t* repeats that accompany initial analysis, usually three every twenty samples  
*Au2 g/t* repeats on values >1.00 g/t on Au1  
*Au3 g/t* repeats on values >1.00 g/t on Au1  
*Ma-1b* value is based on a one-gram sample weight

Element Name	Unit	Extraction Technique	Number of Samples	Lower Detection Limit	Upper Detection Limit
Au	g/t	Fire Assay/AA	55	.005	1
Au1	g/t	Fire Assay/AA	4	.03	100%
Au2	g/t	Fire Assay/Gravimetric	11	.03	100%
Au3	g/t	Fire Assay/Gravimetric	9	.03	100%



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Tel: 604 327-3436 Fax: 604 327-3423

**CERTIFICATE OF ANALYSIS**

SAMPLE(S) FROM

WMC International Limited  
110 - 8008 East Arapahoe Court  
Englewood, Colorado  
USA 80112

REPORT No. S9108
---------------------

SAMPLE(S) OF

51 Rock/2 Std/2 Blk

INVOICE #: 33312

P.O.: Project: AKLAK

B. Marvin  
xcawmeli.1532-403266

	Au g/t	Au1 g/t	Au2 g/t	Au3 g/t	Random Order	File Name
CR811354	.055				33	S9108
CR811409	.025				5	S9108
CR811410	.015				16	S9108
CR811411	.050				12	S9108
CR811412	.040	.045			28	S9108
CR811413	.220				53	S9108
CR811414	.050				42	S9108
CR811415	.220				26	S9108
CR811416	.030				40	S9108
CR811417	.020				27	S9108
CR811418	<.005	<.005			8	S9108
CR811419 *	<.005				20	S9108
CR811420 #	2.07				47	S9108
CR811421	>1.00		13.07	16.14	14	S9108
CR811422	>1.00		1.03	1.03	13	S9108

COPIES TO: B. Marvin  
INVOICE TO: WMC Int'l - Englewood CO

Aug 04/99

SIGNED



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Vancouver: 8282 Sherbrooke St., Vancouver, British Columbia V5X 4E8

Tel: 604 327-3436 Fax: 604 327-3423

**CERTIFICATE OF ANALYSIS**

SAMPLE(S) FROM

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110 - 8008 East Arapahoe Court  
Englewood, Colorado  
USA 80112

REPORT No.  
S9108

SAMPLE(S) OF

51 Rock/2 Std/2 Blk

INVOICE #: 33312

P.O.: Project: AKLAK

B. Marvin  
xcawmeli.1532-403266

	Au g/t	Au1 g/t	Au2 g/t	Au3 g/t	Random Order	File Name
CR811423	.015				29	S9108
CR811424	<.005				35	S9108
CR811425	.075				31	S9108
CR811426	>1.00		1.79	2.07	21	S9108
CR811427	.180				49	S9108
CR811428	<.005				34	S9108
CR811429	.620		.69		41	S9108
CR811430	.045				15	S9108
CR811431	.400	.380			18	S9108
CR811432	.075				55	S9108
CR811433	.850		.90		50	S9108
CR811434	.130				37	S9108
CR811435	.055				4	S9108
CR811436	.005				7	S9108
CR811437	.090				46	S9108
CR811438	.100				25	S9108
CR811439 *	<.005				17	S9108
CR811440 #	2.07				51	S9108
CR811441	.025				30	S9108
CR811442	>1.00		9.24	9.00	48	S9108

COPIES TO: B. Marvin  
INVOICE TO: WMC Int'l - Englewood CO

Aug 04/99

SIGNED 



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Tel: 604 327-3436 Fax: 604 327-3423

### CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

WMC International Limited  
110 - 8008 East Arapahoe Court  
Englewood, Colorado  
USA 80112

REPORT No.  
S9108

SAMPLE(S) OF

51 Rock/2 Std/2 Blk

INVOICE #: 33312

P.O.: Project: AKLAK

B. Marvin  
xcawmeli.1532-403266

	Au g/t	Au1 g/t	Au2 g/t	Au3 g/t	Random Order	File Name
CR811443	>1.00		2.62	2.55	24	S9108
CR811444	>1.00		3.83	3.45	43	S9108
CR811445	>1.00		7.45	7.45	52	S9108
CR811462	.170				39	S9108
CR811463	>1.00		15.66	15.34	44	S9108
CR811476	.150				23	S9108
CR811477	>1.00		1.79	1.69	54	S9108

COPIES TO: B. Marvin  
INVOICE TO: WMC Int'l - Englewood CO

Aug 04/99

SIGNED



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Vancouver: 8282 Sherbrooke St., Vancouver, British Columbia V5X 4E8

Tel: 604 327-3436 Fax: 604 327-3423

Company: WMC International Limited  
 Geologist: B. Marvin  
 Project: Aklak / xcawmeli.1532-403266

TSL Report: S9108  
 Date Received: Jul 29, 1999  
 Date Reported: Aug 12, 1999  
 Invoice: 33312

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	51	Crush 65% at -10 mesh Pulv. 90% at -150 mesh	Crush, Riffle, Pulverize, Sand Clean
Pulp #	2	-150	None
Silica Blank *	2	-150	None

*The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.*

Element Name	Method	Extraction Technique	Unit	Lower Detection Limit	Upper Detection Limit
Ag	ICP	HNO <sub>3</sub> - HCl	ppm	.2	100
Al*	ICP	HNO <sub>3</sub> - HCl	%	.01	15
As	ICP	HNO <sub>3</sub> - HCl	ppm	5	10000
Ba*	ICP	HNO <sub>3</sub> - HCl	ppm	10	10000
Be*	ICP	HNO <sub>3</sub> - HCl	ppm	.5	100
Bi	ICP	HNO <sub>3</sub> - HCl	ppm	5	10000
Ca*	ICP	HNO <sub>3</sub> - HCl	%	.01	15
Cd	ICP	HNO <sub>3</sub> - HCl	ppm	1	100
Co	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Cr*	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Cu	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Fe*	ICP	HNO <sub>3</sub> - HCl	%	.01	15
K*	ICP	HNO <sub>3</sub> - HCl	%	.01	10
Mg*	ICP	HNO <sub>3</sub> - HCl	%	.01	15
Mn	ICP	HNO <sub>3</sub> - HCl	ppm	5	10000
Mo	ICP	HNO <sub>3</sub> - HCl	ppm	2	10000
Na*	ICP	HNO <sub>3</sub> - HCl	%	.01	5
Ni	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
P*	ICP	HNO <sub>3</sub> - HCl	ppm	10	10000
Pb	ICP	HNO <sub>3</sub> - HCl	ppm	2	10000
Sb	ICP	HNO <sub>3</sub> - HCl	ppm	5	10000
Sc	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Sn*	ICP	HNO <sub>3</sub> - HCl	ppm	10	10000
Sr*	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Ti*	ICP	HNO <sub>3</sub> - HCl	%	.01	10
V	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
W*	ICP	HNO <sub>3</sub> - HCl	ppm	10	10000
Y	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Zn	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Zr*	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000

**WMC International Limited**

Attention: B. Marvin

Project: xcawmeli.1532-403266

Sample: 51 Rock/2 Std/2 Blk

**TSL Assayers Saskatoon**

#2 - 302 East 48th Street, Saskatoon, Saskatchewan, S7K 6A4

Tel: (306) 931-1033 Fax: (306) 242-4717

Report No : S9108

File No : 9M9108 PD

Date : Aug-12-99

**MULTI-ELEMENT ICP ANALYSIS**

Aqua Regia Digestion

Sample Number	Ran ord.	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
CR811354	33	<0.2	1.13	<5	<10	<0.5	<5	1.04	<1	4	180	128	4.92	0.03	0.22	135	2	0.05	11	490	6	<5	1	<10	13	0.06	15	<10	2	11	7
CR811409	5	<0.2	1.09	<5	20	1.5	<5	1.58	1	1	55	13	8.87	0.13	0.16	70	<2	0.12	5	1150	12	5	1	<10	21	0.04	18	<10	2	15	8
CR811410	16	0.2	0.70	10	<10	<0.5	<5	0.64	<1	4	140	146	4.76	0.02	0.13	140	<2	0.03	12	470	4	5	1	<10	2	0.07	10	<10	1	13	6
CR811411	12	<0.2	0.04	<5	<10	<0.5	<5	1.88	<1	1	230	9	0.98	<0.01	0.02	105	<2	0.01	6	80	2	5	<1	<10	62	<0.01	1	<10	2	2	1
CR811412	28	<0.2	0.19	<5	<10	<0.5	<5	0.23	<1	1	189	8	1.53	0.02	0.05	30	2	0.02	5	60	2	<5	<1	<10	2	0.01	3	<10	<1	2	2
CR811413	53	0.2	0.09	10	<10	<0.5	<5	0.14	<1	1	329	5	1.23	0.01	0.03	35	2	0.02	7	40	6	5	<1	<10	3	<0.01	2	<10	<1	7	2
CR811414	42	<0.2	2.03	<5	40	<0.5	<5	2.09	<1	12	153	5	5.30	0.17	0.74	205	10	0.13	37	1300	6	<5	6	<10	59	0.26	51	<10	6	42	7
CR811415	26	<0.2	0.57	<5	10	0.5	10	1.18	1	2	65	65	7.63	0.06	0.15	95	<2	0.07	6	1360	10	<5	1	<10	17	0.02	12	<10	2	25	7
CR811416	40	<0.2	1.17	<5	20	0.5	<5	1.92	1	2	137	9	6.30	0.11	0.29	225	<2	0.07	8	720	10	5	1	<10	33	0.04	27	<10	4	19	7
CR811417	27	<0.2	1.07	<5	20	<0.5	<5	0.92	1	4	118	47	5.09	0.09	0.19	125	<2	0.05	9	910	6	<5	1	<10	9	0.10	14	<10	2	14	7
CR811418	8	<0.2	1.08	<5	190	<0.5	5	0.98	1	3	103	<1	14.05	0.50	0.26	50	<2	0.03	11	860	22	5	1	<10	27	0.08	28	<10	1	16	15
CR811419 *	20	<0.2	0.02	<5	<10	<0.5	<5	0.01	<1	<1	2	1	0.06	0.01	<0.01	5	<2	0.01	<1	30	<2	<5	<1	<10	1	<0.01	<1	<10	1	<1	4
CR811420 #	47	4.2	1.52	5	20	3.5	<5	0.08	<1	20	164	412	5.35	0.03	0.06	50	26	0.09	22	140	144	10	5	30	4	0.10	87	10	1	2590	25
CR811421	14	12.0	0.50	>10000	<10	<0.5	95	0.68	<1	97	140	919	14.37	0.02	0.14	140	<2	0.03	97	1340	20	5	<1	<10	4	0.03	24	<10	<1	186	10
CR811422	13	0.6	0.66	5820	<10	<0.5	<5	0.66	<1	22	159	257	7.31	0.02	0.12	350	2	0.03	32	900	10	5	1	<10	5	0.12	14	<10	1	44	6
CR811423	29	<0.2	0.03	<5	10	<0.5	<5	0.02	<1	<1	317	3	0.38	0.02	0.02	20	4	<0.01	5	20	2	<5	<1	<10	<1	<0.01	2	<10	<1	1	1
CR811424	35	<0.2	0.02	<5	<10	<0.5	<5	0.01	<1	1	387	2	0.42	0.01	0.01	25	6	0.01	6	10	2	5	<1	<10	<1	<0.01	1	<10	<1	<1	1
CR811425	31	<0.2	2.24	100	240	<0.5	<5	1.35	<1	6	164	<1	7.27	0.77	0.50	180	<2	0.10	23	880	8	5	3	<10	20	0.20	37	<10	3	71	9
CR811426	21	0.8	0.59	9050	10	0.5	5	0.97	<1	31	124	125	9.31	0.05	0.11	80	<2	0.06	41	1450	12	5	1	<10	21	0.02	14	20	2	31	7
CR811427	49	<0.2	0.84	40	10	0.5	<5	1.10	<1	10	103	253	6.24	0.04	0.21	100	<2	0.06	16	1170	24	5	1	<10	20	0.05	14	<10	2	28	6
CR811428	34	<0.2	3.68	<5	730	<0.5	<5	1.07	1	62	83	281	9.33	2.69	1.99	975	<2	0.11	63	1660	10	<5	19	<10	9	1.01	195	<10	12	111	17
CR811429	41	0.6	0.31	680	10	<0.5	<5	0.36	<1	8	147	256	6.42	0.02	0.13	155	<2	0.02	21	670	10	5	<1	<10	3	0.02	7	<10	3	16	6
CR811430	15	<0.2	3.01	35	390	<0.5	<5	0.56	<1	12	198	29	6.56	1.60	1.36	185	6	0.11	41	690	12	5	4	<10	44	0.27	73	<10	4	156	8
CR811431	18	0.2	2.74	790	160	<0.5	<5	0.45	<1	17	356	295	10.89	1.02	0.91	515	2	0.01	40	430	14	5	4	<10	2	0.31	95	<10	4	82	13
CR811432	55	<0.2	1.31	<5	10	0.5	<5	1.29	1	6	102	144	7.55	0.05	0.21	185	<2	0.09	21	1200	10	<5	1	<10	16	0.05	28	<10	1	60	6

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.

**WMC International Limited**

Attention: B. Marvin

Project: xcawmeli.1532-403266

Sample: 51 Rock/2 Std/2 Blk

**TSL Assayers Saskatoon**

#2 - 302 East 48th Street, Saskatoon, Saskatchewan, S7K 6A4

Tel: (306) 931-1033 Fax: (306) 242-4717

Report No : S9108

File No : 9M9108 PD

Date : Aug-12-99

**MULTI-ELEMENT ICP ANALYSIS**

Aqua Regia Digestion

Sample Number	Ran ord.	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
CR811433	50	0.4	0.66	<5	<10	0.5	25	0.52	<1	10	228	244	4.40	0.01	0.07	355	2	0.01	21	1050	14	5	<1	<10	2	0.02	7	<10	1	12	4
CR811434	37	<0.2	0.68	<5	<10	<0.5	5	0.97	1	12	176	331	7.61	0.03	0.14	145	2	0.03	26	1340	12	5	1	<10	5	0.06	17	<10	2	22	8
CR811435	4	0.2	0.32	<5	<10	<0.5	5	1.17	1	10	152	300	8.29	0.03	0.14	100	<2	0.04	25	1090	10	5	<1	<10	7	0.01	10	<10	2	36	6
CR811436	7	<0.2	0.55	<5	10	1.0	<5	1.34	1	9	133	129	6.52	0.06	0.19	60	<2	0.06	20	1480	10	5	<1	<10	9	0.02	11	<10	2	20	6
CR811437	46	0.2	0.70	25	20	0.5	<5	0.75	<1	6	120	389	5.15	0.03	0.12	80	<2	0.03	12	960	8	<5	1	<10	6	0.06	10	<10	2	8	9
CR811438	25	<0.2	1.36	165	10	<0.5	5	1.53	<1	5	98	161	10.13	0.06	0.38	200	<2	0.07	19	430	14	5	1	<10	18	0.04	20	<10	1	28	9
CR811439 *	17	<0.2	0.01	5	<10	<0.5	<5	0.02	<1	<1	2	2	0.03	0.01	<0.01	5	<2	0.01	<1	20	<2	<5	<1	<10	<1	<0.01	<1	<10	1	4	3
CR811440 #	51	4.2	1.29	<5	20	3.0	<5	0.08	1	19	155	396	5.17	0.03	0.06	45	28	0.09	20	130	136	15	4	30	4	0.09	84	10	1	2562	25
CR811441	30	0.2	2.08	<5	50	<0.5	5	1.66	1	20	86	557	13.49	0.20	0.49	75	<2	0.09	59	910	20	5	<1	<10	122	0.04	64	<10	<1	28	11
CR811442	48	1.2	0.81	>10000	30	<0.5	30	0.47	<1	24	150	304	10.94	0.05	0.11	150	<2	0.02	31	570	16	5	<1	<10	12	0.06	18	<10	1	8	10
CR811443	24	0.2	0.59	>10000	10	<0.5	15	0.72	<1	41	105	417	13.85	0.04	0.13	60	<2	0.04	44	1080	22	10	<1	<10	26	0.05	20	<10	1	14	12
CR811444	43	2.8	0.54	>10000	10	<0.5	25	0.76	<1	85	93	467	>15.00	0.04	0.12	40	<2	0.05	47	1120	24	10	<1	<10	28	0.03	22	<10	1	11	13
CR811445	52	3.6	0.51	<5	30	<0.5	180	0.26	2	55	130	212	>15.00	0.16	0.14	120	<2	0.02	102	640	54	10	<1	<10	4	0.05	27	100	1	15	21
CR811462	39	0.2	0.75	<5	<10	<0.5	<5	0.39	1	6	338	186	4.14	0.01	0.05	390	4	0.01	11	460	6	5	1	<10	1	0.15	9	<10	2	<1	4
CR811463	44	1.8	0.62	>10000	20	<0.5	15	0.83	<1	53	73	411	>15.00	0.06	0.13	65	<2	0.05	40	1080	26	10	<1	<10	33	0.03	22	<10	<1	7	13
CR811476	23	<0.2	0.97	<5	<10	<0.5	5	1.09	1	19	178	620	8.28	0.01	0.19	400	2	0.02	28	610	10	5	1	<10	5	0.06	14	<10	1	27	7
CR811477	54	2.6	0.01	<5	<10	<0.5	25	0.01	1	4	441	159	2.22	<0.01	0.01	25	6	0.01	13	20	4	5	<1	<10	1	<0.01	2	<10	<1	5	2

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.





Saskatoon: #2 – 302 48<sup>th</sup> Street East, Saskatoon, Saskatchewan S7K 6A4

Tel: 306 931-1033 Fax: 306 242-4717

Swastika Laboratories: 1 Cameron Avenue, Swastika, Ontario P0K 1T0

Tel: 705 642-3244 Fax: 705 642-3300

Vancouver: 8282 Sherbrooke St., Vancouver, British Columbia V5X 4E8

Tel: 604 327-3436 Fax: 604 327-3423

Company: WMC International Limited  
Geologist: B. Marvin  
Project: AKLAK / xcawmeli.1532-403266

TSL Report: S9157 / Original Report S9108  
Date Received: Jul 30, 1999  
Date Reported: Aug 13, 1999  
Invoice: 33359

Remarks: Assay Values on ICAP

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	5	Crush 65% at -10 mesh Pulv. 90% at -150 mesh	Crush, Riffle, Pulverize, Sand Clean

*All samples for As (%) are weighed at .5 gram.*

Element Name	Unit	Extraction Technique	Number of Samples	Lower Detection Limit	Upper Detection Limit
As	%	HCL-HNO <sub>3</sub> /AA	5	.01	100



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Tel: 604 327-3436 Fax: 604 327-3423

**CERTIFICATE OF ANALYSIS**

SAMPLE(S) FROM

WMC International Limited  
110 - 8008 East Arapahoe Court  
Englewood, Colorado  
USA 80112

REPORT No.

S9157

SAMPLE(S) OF

Rock

INVOICE #: 33359

P.O.: Project: AKLAK

B. Marvin  
xcawmeli.1532-403266

Original Report S9108 / Assay Values on ICAP

	As %	File Name
CR811421	.98	S9157
CR811442	1.16	S9157
CR811443	2.37	S9157
CR811444	4.40	S9157
CR811463	3.14	S9157

COPIES TO: B. Marvin  
INVOICE TO: WMC Int'l - Englewood CO

Aug 13/99

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Saskatoon: #2 – 302 48<sup>th</sup> Street East, Saskatoon, Saskatchewan S7K 6A4

Tel: 306 931-1033 Fax: 306 242-4717

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Tel: 705 642-3244 Fax: 705 642-3300

Vancouver: 8282 Sherbrooke St., Vancouver, British Columbia V5X 4E8

Tel: 604 327-3436 Fax: 604 327-3423

Company: WMC International Limited  
 Geologist: B. Marvin  
 Project: Aklak / xcawmeli.1532-403266

TSL Report: S9147  
 Date Received: Aug 10, 1999  
 Date Reported: Aug 13, 1999  
 Invoice: 33354

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	68	Crush 65% at -10 mesh Pulv. 90% at -150 mesh	Crush, Riffle, Pulverize, Sand Clean
Pulp #	0	-150	None
Silica Blank *	0	-150	None

All samples for Fire Assay/AA (Au g/t, Au1 g/t) are weighed at 30 grams.

All samples for Fire Assay/Gravimetric (Au2 g/t, Au3 g/t) are weighed at 29.16 grams.

*Au g/t* initial analysis of sample

*Au1* repeats that accompany initial analysis, usually three every twenty samples

*Au2* repeats on values >1.00 g/t on Au1

*Au3* repeats on values >1.00 g/t on Au1

*MA-1b* value is based on a one-gram sample weight

Element Name	Unit	Extraction Technique	Number of Samples	Lower Detection Limit	Upper Detection Limit
Au	g/t	Fire Assay/AA	68	.005	1
Au1	g/t	Fire Assay/AA	6	.005	1
Au2	g/t	Fire Assay/Gravimetric	6	.03	100%
Au3	g/t	Fire Assay/Gravimetric	3	.03	100%



Saskatoon: #2 - 302 48<sup>th</sup> Street East, Saskatoon, Saskatchewan S7K 6A4

Tel: 306 931-1033 Fax: 306 242-4717

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Tel: 705 642-3244 Fax: 705 642-3300

Vancouver: 8282 Sherbrooke St., Vancouver, British Columbia V5X 4E8

Tel: 604 327-3436 Fax: 604 327-3423

**CERTIFICATE OF ANALYSIS**

SAMPLE(S) FROM

WMC International Limited  
110 - 8008 East Arapahoe Court  
Englewood, Colorado  
USA 80112

REPORT No.  
S9147

SAMPLE(S) OF

Rock

INVOICE #: 33354

P.O.: Project: AKLAK

B. Marvin  
xcawmeli.1532-403266

	Au g/t	Au1 g/t	Au2 g/t	Au3 g/t	Random Order	File Name
CR811446	>1.00		1.21	1.31	6	S9147
CR811447	.150				39	S9147
CR811448	.010				2	S9147
CR811449	<.005				8	S9147
CR811450	<.005				50	S9147
CR811464	.010				26	S9147
CR811465	.005				30	S9147
CR811466	.015				60	S9147
CR811467	.620		.66		34	S9147
CR811468	.010				54	S9147
CR811469	.080				5	S9147
CR811470	.210	.200			17	S9147
CR811471	.080				66	S9147
CR811472	.010				49	S9147
CR811473	.015				45	S9147
CR811474	.065				56	S9147
CR811475	.550		.48		31	S9147
CR811478	.065	.070			37	S9147
CR811479	.010				62	S9147
CR811480	.130				1	S9147
CR811481	.055				10	S9147

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Aug 13/99

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**CERTIFICATE OF ANALYSIS**

SAMPLE(S) FROM

WMC International Limited  
110 - 8008 East Arapahoe Court  
Englewood, Colorado  
USA 80112

REPORT No.  
S9147

SAMPLE(S) OF

Rock

INVOICE #: 33354

P.O.: Project: AKLAK

B. Marvin  
xcawmeli.1532-403266

	Au g/t	Au1 g/t	Au2 g/t	Au3 g/t	Random Order	File Name
CR811482	.010				41	S9147
CR811483	.005				63	S9147
CR811484	.015				53	S9147
CR811485	.020				65	S9147
CR811526	.015	.010			47	S9147
CR811527	.020				68	S9147
CR811528	.500		1.21	.66	21	S9147
CR811529	.280				64	S9147
CR811530	.005				52	S9147
CR811726	.005				55	S9147
CR811727	<.005				22	S9147
CR811728	.010				23	S9147
CR811729	<.005				3	S9147
CR811730	.025				16	S9147
CR811731	.020				9	S9147
CR811732	.030				38	S9147
CR811733	.040				12	S9147
CR811734	.030				44	S9147
CR811735	.015	.015			57	S9147

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INVOICE TO: WMC Int'l - Englewood CO

Aug 13/99

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Saskatoon: #2 - 302 48<sup>th</sup> Street East, Saskatoon, Saskatchewan S7K 6A4

Tel: 306 931-1033 Fax: 306 242-4717

Swastika Laboratories: 1 Cameron Avenue, Swastika, Ontario P0K 1T0

Tel: 705 642-3244 Fax: 705 642-3300

Vancouver: 8282 Sherbrooke St., Vancouver, British Columbia V5X 4E8

Tel: 604 327-3436 Fax: 604 327-3423

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

WMC International Limited
110 - 8008 East Arapahoe Court
Englewood, Colorado
USA 80112

REPORT No.
S9147

SAMPLE(S) OF

Rock

INVOICE #: 33354

P.O.: Project: AKLAK

B. Marvin
xcawmeli.1532-403266

Table with 7 columns: Au g/t, Au1 g/t, Au2 g/t, Au3 g/t, Random Order, File Name. Rows include sample IDs CR811736, CR811737, CR811738 and their corresponding Au values and random order numbers.

COPIES TO: B. Marvin
INVOICE TO: WMC Int'l - Englewood CO

Aug 13/99

SIGNED

Handwritten signature



Saskatoon: #2 - 302 48<sup>th</sup> Street East, Saskatoon, Saskatchewan S7K 6A4

Tel: 306 931-1033 Fax: 306 242-4717

Swastika Laboratories: 1 Cameron Avenue, Swastika, Ontario P0K 1T0

Tel: 705 642-3244 Fax: 705 642-3300

Vancouver: 8282 Sherbrooke St., Vancouver, British Columbia V5X 4E8

Tel: 604 327-3436 Fax: 604 327-3423

Company: WMC International Limited  
 Geologist: B. Marvin  
 Project: Aklak / xcawmeli.1532-403266

TSL Report: S9147  
 Date Received: Aug 10, 1999  
 Date Reported: Aug 19, 1999  
 Invoice: 33354

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	68	Crush 65% at -10 mesh Pulv. 90% at -150 mesh	Crush, Riffle, Pulverize, Sand Clean
Pulp #	0	-150	None
Silica Blank *	0	-150	None

*The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.*

Element Name	Method	Extraction Technique	Unit	Lower Detection Limit	Upper Detection Limit
Ag	ICP	HNO <sub>3</sub> - HCl	ppm	.2	100
Al*	ICP	HNO <sub>3</sub> - HCl	%	.01	15
As	ICP	HNO <sub>3</sub> - HCl	ppm	5	10000
Ba*	ICP	HNO <sub>3</sub> - HCl	ppm	10	10000
Be*	ICP	HNO <sub>3</sub> - HCl	ppm	.5	100
Bi	ICP	HNO <sub>3</sub> - HCl	ppm	5	10000
Ca*	ICP	HNO <sub>3</sub> - HCl	%	.01	15
Cd	ICP	HNO <sub>3</sub> - HCl	ppm	1	100
Co	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Cr*	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Cu	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Fe*	ICP	HNO <sub>3</sub> - HCl	%	.01	15
K*	ICP	HNO <sub>3</sub> - HCl	%	.01	10
Mg*	ICP	HNO <sub>3</sub> - HCl	%	.01	15
Mn	ICP	HNO <sub>3</sub> - HCl	ppm	5	10000
Mo	ICP	HNO <sub>3</sub> - HCl	ppm	2	10000
Na*	ICP	HNO <sub>3</sub> - HCl	%	.01	5
Ni	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
P*	ICP	HNO <sub>3</sub> - HCl	ppm	10	10000
Pb	ICP	HNO <sub>3</sub> - HCl	ppm	2	10000
Sb	ICP	HNO <sub>3</sub> - HCl	ppm	5	10000
Sc	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Sn*	ICP	HNO <sub>3</sub> - HCl	ppm	10	10000
Sr*	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Ti*	ICP	HNO <sub>3</sub> - HCl	%	.01	10
V	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
W*	ICP	HNO <sub>3</sub> - HCl	ppm	10	10000
Y	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Zn	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Zr*	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000

**WMC International Limited**

Attention: B. Marvin

Project: xcawmeli.1532-403266

Sample: Rock

**TSL Assayers Saskatoon**

#2 - 302 East 48th Street, Saskatoon, Saskatchewan, S7K 6A4

Tel: (306) 931-1033 Fax: (306) 242-4717

Report No : S9147

File No : 9M9147 PD

Date : Aug-19-99

**MULTI-ELEMENT ICP ANALYSIS**

Aqua Regia Digestion

Sample Number	Ran ord.	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
CR811446	6	0.2	0.80	<5	10	<0.5	35	1.35	1	9	141	237	9.22	0.06	0.28	215	<2	0.09	17	880	16	5	1	<10	21	0.06	16	<10	1	26	10
CR811447	39	0.2	0.94	<5	<10	<0.5	5	0.98	1	14	169	184	7.23	0.03	0.27	235	<2	0.06	22	1240	10	5	1	<10	5	0.07	17	<10	2	35	12
CR811448	2	<0.2	0.54	<5	20	<0.5	5	0.75	<1	39	163	855	7.32	0.05	0.20	140	<2	0.07	23	1220	14	5	1	<10	10	0.02	16	<10	4	11	9
CR811449	8	<0.2	0.54	<5	10	0.5	<5	2.36	1	30	69	162	6.57	0.04	0.52	365	<2	0.08	31	970	10	<5	<1	<10	36	0.01	17	<10	3	4	5
CR811450	50	<0.2	0.40	<5	30	<0.5	15	1.23	2	13	99	72	>15.00	0.03	0.20	230	<2	0.05	17	1370	34	10	<1	<10	17	0.03	35	<10	1	5	17
CR811464	26	<0.2	0.90	<5	10	<0.5	<5	1.13	<1	2	116	7	4.36	0.07	0.30	110	<2	0.06	6	820	4	<5	1	<10	16	0.06	12	<10	1	11	7
CR811465	30	<0.2	1.66	<5	20	0.5	<5	1.49	1	4	139	<1	5.33	0.14	0.41	150	<2	0.10	10	880	4	<5	3	<10	17	0.16	30	<10	2	38	7
CR811466	60	0.2	0.92	10	<10	<0.5	<5	0.75	<1	6	163	104	5.82	0.02	0.15	85	<2	0.03	15	640	6	5	<1	<10	5	0.05	25	<10	1	18	5
CR811467	34	0.2	1.21	<5	130	<0.5	<5	1.22	<1	2	112	5	5.74	0.19	0.27	100	<2	0.06	7	1200	10	<5	1	<10	35	0.10	18	<10	2	21	9
CR811468	54	1.4	0.47	<5	10	<0.5	<5	0.84	1	20	180	449	6.88	0.01	0.17	120	2	0.01	40	1290	8	5	1	<10	11	0.03	11	100	1	18	5
CR811469	5	<0.2	3.61	<5	50	<0.5	<5	0.45	1	14	210	129	10.34	0.16	1.71	335	<2	0.01	53	1410	10	5	4	<10	11	0.20	100	<10	3	90	14
CR811470	17	0.2	0.95	<5	10	0.5	<5	0.68	1	18	212	298	6.03	0.04	0.16	170	<2	0.03	37	870	8	5	1	<10	10	0.08	23	<10	1	7	11
CR811471	66	<0.2	3.21	<5	1400	<0.5	<5	0.41	1	10	142	13	9.19	1.68	1.15	65	2	0.04	27	660	10	5	2	<10	19	0.19	47	<10	1	66	15
CR811472	49	<0.2	0.57	<5	20	<0.5	10	0.59	2	2	109	2	>15.00	0.03	0.09	65	<2	0.03	9	1170	34	10	<1	<10	20	0.05	34	<10	<1	5	16
CR811473	45	<0.2	1.19	<5	290	0.5	<5	2.72	1	3	98	8	10.42	0.26	0.31	140	<2	0.04	11	1190	16	5	1	<10	101	0.07	24	<10	2	21	11
CR811474	56	0.2	0.22	<5	10	<0.5	<5	0.37	<1	10	200	180	4.51	0.02	0.09	70	<2	0.02	14	640	6	5	<1	<10	6	0.01	9	<10	2	<1	4
CR811475	31	1.2	0.55	<5	<10	0.5	10	0.72	1	31	200	306	12.81	0.03	0.19	110	<2	0.03	68	1340	18	5	<1	<10	6	0.01	18	<10	3	9	14
CR811478	37	0.2	0.49	<5	<10	<0.5	<5	0.42	1	11	235	142	5.80	0.03	0.17	90	4	0.01	27	1290	6	5	<1	<10	6	0.03	14	<10	2	15	6
CR811479	62	<0.2	1.26	<5	400	<0.5	<5	0.85	<1	7	167	109	5.57	0.45	0.31	160	<2	0.08	12	670	12	5	1	<10	12	0.08	18	<10	4	12	19
CR811480	1	<0.2	1.81	<5	170	<0.5	<5	1.18	<1	16	203	198	6.48	0.27	0.49	185	<2	0.05	39	1420	12	<5	2	<10	75	0.22	43	<10	3	28	7
CR811481	10	<0.2	0.83	<5	20	0.5	<5	1.22	1	2	85	101	6.04	0.06	0.15	215	<2	0.06	6	1010	8	<5	1	<10	21	0.03	12	<10	1	17	7
CR811482	41	0.2	0.48	<5	20	<0.5	<5	0.08	2	16	366	133	1.78	0.17	0.42	125	2	0.02	46	190	6	5	1	<10	2	0.03	13	<10	1	467	7
CR811483	63	<0.2	0.06	<5	10	<0.5	5	0.53	<1	1	55	26	7.26	0.01	0.02	55	<2	<0.01	4	680	10	<5	<1	<10	11	<0.01	8	<10	1	<1	4
CR811484	53	1.2	0.71	<5	10	4.5	<5	1.08	8	70	160	2790	6.58	0.04	0.49	330	<2	0.07	60	420	12	5	4	<10	7	0.11	42	<10	2	2103	5
CR811485	65	<0.2	0.92	<5	80	<0.5	<5	0.88	<1	15	45	146	4.68	0.24	0.59	510	<2	0.11	5	550	6	<5	3	<10	7	0.62	72	<10	5	19	4
CR811526	47	0.4	0.64	<5	10	<0.5	<5	1.02	1	15	196	197	6.64	0.06	0.35	345	<2	0.10	17	740	12	5	<1	<10	14	0.02	14	<10	1	14	6
CR811527	68	<0.2	1.24	<5	10	<0.5	<5	0.35	<1	4	254	70	4.84	0.01	0.24	165	2	<0.01	11	420	4	5	2	<10	6	0.09	23	<10	2	8	11
CR811528	21	<0.2	0.78	<5	10	<0.5	5	1.58	1	6	134	82	7.76	0.06	0.21	90	<2	0.07	15	1240	12	5	<1	<10	18	0.02	13	<10	4	20	10
CR811529	64	<0.2	0.43	<5	10	<0.5	5	0.47	<1	4	95	99	4.15	0.02	0.04	85	<2	0.01	11	1670	4	<5	1	<10	15	0.07	19	<10	1	<1	4
CR811530	52	0.8	1.53	<5	30	<0.5	<5	0.42	1	88	312	717	10.00	0.14	0.66	265	2	0.01	274	1750	14	5	1	<10	4	0.10	28	<10	2	14	10

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.

**WMC International Limited**

Attention: B. Marvin

Project: xcawmeli.1532-403266

Sample: Rock

**TSL Assayers Saskatoon**

#2 - 302 East 48th Street, Saskatoon, Saskatchewan, S7K 6A4

Tel: (306) 931-1033 Fax: (306) 242-4717

Report No : S9147

File No : 9M9147 PD

Date : Aug-19-99

**MULTI-ELEMENT ICP ANALYSIS**

Aqua Regia Digestion

Sample Number	Ran ord.	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
CR811726	55	0.4	4.24	<5	30	<0.5	<5	0.15	1	12	239	119	10.19	0.18	2.82	625	<2	0.01	22	940	12	5	12	<10	6	0.24	133	<10	2	140	22
CR811727	22	<0.2	2.65	<5	240	<0.5	<5	0.13	1	24	243	76	5.75	1.31	1.68	370	<2	0.04	72	530	4	<5	12	<10	4	0.35	126	<10	3	85	20
CR811728	23	0.2	0.96	<5	20	<0.5	5	0.11	<1	137	147	1173	13.52	0.06	0.71	160	6	0.03	233	670	26	5	10	<10	6	0.10	84	<10	3	114	18
CR811729	3	<0.2	2.97	<5	720	<0.5	<5	0.90	1	45	85	106	7.33	2.17	1.76	710	<2	0.10	50	1280	8	<5	11	<10	10	0.82	145	<10	9	106	18
CR811730	16	<0.2	2.73	<5	60	<0.5	<5	0.78	1	17	225	324	8.99	0.16	1.07	190	<2	0.04	40	1090	12	5	2	<10	2	0.17	42	<10	2	41	11
CR811731	9	<0.2	2.45	<5	320	<0.5	<5	0.53	1	12	223	175	7.98	0.90	1.00	205	<2	0.04	30	950	8	<5	3	<10	5	0.19	55	<10	2	46	15
CR811732	38	<0.2	1.58	<5	240	<0.5	<5	0.76	<1	8	236	50	4.46	0.40	0.56	225	<2	0.07	24	250	4	5	3	<10	7	0.17	36	<10	4	40	9
CR811733	12	0.4	0.41	<5	50	<0.5	<5	0.12	1	15	109	681	7.29	0.17	0.19	95	20	0.04	34	430	14	<5	1	<10	16	0.05	15	<10	2	7	10
CR811734	44	<0.2	0.78	<5	20	0.5	<5	0.99	1	1	111	<1	11.21	0.09	0.17	90	<2	0.08	6	1650	16	5	1	<10	40	0.04	24	<10	2	9	11
CR811735	57	<0.2	0.09	<5	10	<0.5	<5	0.04	<1	<1	361	4	0.73	0.01	0.03	25	<2	<0.01	6	40	<2	5	<1	<10	1	<0.01	3	<10	<1	<1	1
CR811736	36	<0.2	0.76	<5	50	<0.5	5	1.34	1	3	116	28	10.10	0.05	0.15	100	<2	0.05	11	900	16	5	1	<10	49	0.05	23	<10	2	14	11
CR811737	11	<0.2	0.11	<5	<10	<0.5	<5	0.06	<1	<1	263	9	1.08	0.01	0.01	45	2	0.01	6	20	<2	<5	<1	<10	1	<0.01	2	<10	<1	<1	2
CR811738	48	<0.2	1.00	<5	50	0.5	<5	0.81	<1	1	101	1	4.81	0.13	0.16	225	<2	0.06	4	1850	8	<5	1	<10	20	0.06	12	<10	2	4	8

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.

Signed: 



Saskatoon: #2 – 302 48<sup>th</sup> Street East, Saskatoon, Saskatchewan S7K 6A4

Tel: 306 931-1033 Fax: 306 242-4717

Swastika Laboratories: 1 Cameron Avenue, Swastika, Ontario P0K 1T0

Tel: 705 642-3244 Fax: 705 642-3300

Vancouver: 8282 Sherbrooke St., Vancouver, British Columbia V5X 4E8

Tel: 604 327-3436 Fax: 604 327-3423

Company: WMC International Limited  
 Geologist: B. Marvin  
 Project: Aklak / xcawmeli.1532-403266

TSL Report: S9148  
 Date Received: Aug 10, 1999  
 Date Reported: Aug 13, 1999  
 Invoice: 33363

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	80	Crush 65% at -10 mesh Pulv. 90% at -150 mesh	Crush, Riffle, Pulverize, Sand Clean
Pulp #	0	-150	None
Silica Blank *	0	-150	None

All samples for Fire Assay/AA (Au g/t, Au1 g/t) are weighed at 30 grams.

All samples for Fire Assay/Gravimetric (Au2 g/t, Au3 g/t) are weighed at 29.16 grams.

*Au g/t Initial analysis of sample*  
*Au1 Repeats that accompany initial analysis, usually three every twenty samples*  
*Au2 Repeats on values >1.00 g/t on Au1*  
*Au3 Repeats on values >1.00 g/t on Au1*  
*MA-1b Value is based on a one-gram sample weight*  
*Au g/t Repeats on values >1.00 g/t on Au1*  
*Additional*

Element Name	Unit	Extraction Technique	Number Of Samples	Lower Detection Limit	Upper Detection Limit
Au	g/t	Fire Assay/AA	80	.005	1
Au1	g/t	Fire Assay/AA	5	.005	1
Au2	g/t	Fire Assay/Gravimetric	17	.03	100%
Au3	g/t	Fire Assay/Gravimetric	12	.03	100%
Au g/t	g/t	Fire Assay/Gravimetric	8	.03	100%
Additional					



Saskatoon: #2 - 302 48<sup>th</sup> Street East, Saskatoon, Saskatchewan S7K 6A4

Tel: 306 931-1033 Fax: 306 242-4717

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Tel: 705 642-3244 Fax: 705 642-3300

Vancouver: 8282 Sherbrooke St., Vancouver, British Columbia V5X 4E8

Tel: 604 327-3436 Fax: 604 327-3423

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

WMC International Limited
110 - 8008 East Arapahoe Court
Englewood, Colorado
USA 80112

REPORT No.
S9148

SAMPLE(S) OF

Rock

INVOICE #: 33363
P.O.: Project: Aklak

B. Marvin
xcawmeli.1532-403266

Table with 7 columns: Au g/t, Au1 g/t, Au2 g/t, Au3 g/t, Random Order, File Name. Rows include sample IDs CR811512 through CR811778 with corresponding assay values and file names.

COPIES TO: B. Marvin
INVOICE TO: WMC Int'l - Englewood CO

Aug 13/99

SIGNED

Handwritten signature



Saskatoon: #2 - 302 48<sup>th</sup> Street East, Saskatoon, Saskatchewan S7K 6A4

Tel: 306 931-1033 Fax: 306 242-4717

Swastika Laboratories: 1 Cameron Avenue, Swastika, Ontario P0K 1T0

Tel: 705 642-3244 Fax: 705 642-3300

Vancouver: 8282 Sherbrooke St., Vancouver, British Columbia V5X 4E8

Tel: 604 327-3436 Fax: 604 327-3423

Company: WMC International Limited  
 Geologist: B. Marvin  
 Project: Aklak / xcawmeli.1532-403266

TSL Report: S9148  
 Date Received: Aug 10, 1999  
 Date Reported: Aug 19, 1999  
 Invoice: 33363

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	80	Crush 65% at -10 mesh Pulv. 90% at -150 mesh	Crush, Riffle, Pulverize, Sand Clean
Pulp #	0	-150	None
Silica Blank *	0	-150	None

*The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.*

Element Name	Method	Extraction Technique	Unit	Lower Detection Limit	Upper Detection Limit
Ag	ICP	HNO <sub>3</sub> - HCl	ppm	.2	100
Al*	ICP	HNO <sub>3</sub> - HCl	%	.01	15
As	ICP	HNO <sub>3</sub> - HCl	ppm	5	10000
Ba*	ICP	HNO <sub>3</sub> - HCl	ppm	10	10000
Be*	ICP	HNO <sub>3</sub> - HCl	ppm	.5	100
Bi	ICP	HNO <sub>3</sub> - HCl	ppm	5	10000
Ca*	ICP	HNO <sub>3</sub> - HCl	%	.01	15
Cd	ICP	HNO <sub>3</sub> - HCl	ppm	1	100
Co	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Cr*	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Cu	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Fe*	ICP	HNO <sub>3</sub> - HCl	%	.01	15
K*	ICP	HNO <sub>3</sub> - HCl	%	.01	10
Mg*	ICP	HNO <sub>3</sub> - HCl	%	.01	15
Mn	ICP	HNO <sub>3</sub> - HCl	ppm	5	10000
Mo	ICP	HNO <sub>3</sub> - HCl	ppm	2	10000
Na*	ICP	HNO <sub>3</sub> - HCl	%	.01	5
Ni	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
P*	ICP	HNO <sub>3</sub> - HCl	ppm	10	10000
Pb	ICP	HNO <sub>3</sub> - HCl	ppm	2	10000
Sb	ICP	HNO <sub>3</sub> - HCl	ppm	5	10000
Sc	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Sn*	ICP	HNO <sub>3</sub> - HCl	ppm	10	10000
Sr*	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Ti*	ICP	HNO <sub>3</sub> - HCl	%	.01	10
V	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
W*	ICP	HNO <sub>3</sub> - HCl	ppm	10	10000
Y	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Zn	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Zr*	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000

**WMC International Limited**

Attention: B. Marvin

Project: xcawmeli.1532-403266

Sample: Rock

**TSL Assayers Saskatoon**

#2 - 302 East 48th Street, Saskatoon, Saskatchewan, S7K 6A4

Tel: (306) 931-1033 Fax: (306) 242-4717

Report No : S9148

File No : 9M9148 PD

Date : Aug-19-99

**MULTI-ELEMENT ICP ANALYSIS**

Aqua Regia Digestion

Sample Number	Ran ord.	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
CR811512	64	0.6	1.31	10	20	<0.5	15	1.26	<1	21	172	610	8.27	0.07	0.37	235	<2	0.01	45	5390	14	5	1	<10	16	0.03	20	<10	1	24	7
CR811518	56	0.2	1.76	35	190	<0.5	<5	0.18	3	28	224	188	4.91	0.84	1.47	365	4	0.04	71	610	8	<5	12	<10	5	0.20	115	<10	4	1001	20
CR811776	70	0.6	0.98	<5	30	<0.5	<5	0.87	1	16	167	314	9.16	0.09	0.28	130	<2	0.04	36	920	16	5	1	<10	5	0.07	23	<10	2	26	10
CR811777	79	0.8	0.91	65	10	<0.5	5	0.71	<1	31	200	266	9.66	0.04	0.37	135	8	0.04	70	1080	20	5	1	<10	6	0.04	22	10	3	33	9
CR811778	39	1.0	0.41	90	20	<0.5	5	0.13	<1	36	197	245	7.51	0.10	0.22	75	<2	0.01	71	680	12	5	<1	<10	1	0.02	14	<10	1	16	6

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.



Saskatoon: #2 – 302 48<sup>th</sup> Street East, Saskatoon, Saskatchewan S7K 6A4

Tel: 306 931-1033 Fax: 306 242-4717

Swastika Laboratories: 1 Cameron Avenue, Swastika, Ontario P0K 1T0

Tel: 705 642-3244 Fax: 705 642-3300

Vancouver: 8282 Sherbrooke St., Vancouver, British Columbia V5X 4E8

Tel: 604 327-3436 Fax: 604 327-3423

Company: WMC International Limited  
 Geologist: B. Marvin  
 Project: West Meliadine

TSL Report: S9242  
 Date Received: Sep 08, 1999  
 Date Reported: Sep 10, 1999  
 Invoice: 33460

Remarks: CR811302-307 and CR811701-707 were not received

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	139	Crush 65% at -10 mesh Pulv. 90% at -150 mesh	Crush, Riffle, Pulverize, Sand Clean
Pulp #	0	-150	None
Silica Blank *	0	-150	None

All samples for Fire Assay/AA (Au g/t, Au1 g/t) are weighed at 30 grams.

All samples for Fire Assay/Gravimetric (Au2 g/t, Au3 g/t) are weighed at 29.16 grams.

Au g/t Initial analysis of sample  
 Au1 Repeats that accompany initial analysis, usually three every twenty samples  
 Au2 Repeats on values >1.00 g/t on Au1  
 Au3 Repeats on values >1.00 g/t on Au1  
 MA-1b Value is based on a one-gram sample weight  
 Au g/t Repeats on values >1.00 g/t on Au1  
 Additional

Element Name	Unit	Extraction Technique	Number Of Samples	Lower Detection Limit	Upper Detection Limit
Au	g/t	Fire Assay/AA	139	.005	1
Au1	g/t	Fire Assay/AA	13	.005	1
Au2	g/t	Fire Assay/Gravimetric	17	.03	100%
Au3	g/t	Fire Assay/Gravimetric	8	.03	100%
Au g/t	g/t	Fire Assay/Gravimetric	1	.03	100%
Additional					



Saskatoon: #2 - 302 48<sup>th</sup> Street East, Saskatoon, Saskatchewan S7K 6A4

Tel: 306 931-1033 Fax: 306 242-4717

Swastika Laboratories: 1 Cameron Avenue, Swastika, Ontario P0K 1T0

Tel: 705 642-3244 Fax: 705 642-3300

Vancouver: 8282 Sherbrooke St., Vancouver, British Columbia V5X 4E8

Tel: 604 327-3436 Fax: 604 327-3423

### CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

WMC International Limited  
110 - 8008 East Arapahoe Court  
Englewood, Colorado  
USA 80112

REPORT No.  
S9242

SAMPLE(S) OF

Rock

INVOICE #: 33460  
P.O.:

B. Marvin  
Project: West Meliadine

	Au g/t	Au1 g/t	Au2 g/t	Au3 g/t	Random Order	File Name
CR811531	.030				65	S9242
CR811532	.520	.530			2	S9242
CR811533	.070				115	S9242
CR811534	.150				114	S9242
CR811968	.045				45	S9242
CR811969	.040				27	S9242
CR811970	.005				11	S9242
CR811971	.005				138	S9242
CR811975	.010				24	S9242
CR811973	.015				40	S9242
CR811974	.470				91	S9242

COPIES TO: B. Marvin  
INVOICE TO: WMC Int'l - Englewood CO

Sep 10/99

SIGNED



Saskatoon: #2 – 302 48<sup>th</sup> Street East, Saskatoon, Saskatchewan S7K 6A4

Tel: 306 931-1033 Fax: 306 242-4717

Swastika Laboratories: 1 Cameron Avenue, Swastika, Ontario P0K 1T0

Tel: 705 642-3244 Fax: 705 642-3300

Vancouver: 8282 Sherbrooke St., Vancouver, British Columbia V5X 4E8

Tel: 604 327-3436 Fax: 604 327-3423

Company: WMC International Limited  
 Geologist: B. Marvin  
 Project: West Meliadine

TSL Report: S9242  
 Date Received: Sep 08, 1999  
 Date Reported: Sep 24, 1999  
 Invoice: 33460

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	139	Crush 65% at -10 mesh Pulv. 90% at -150 mesh	Crush, Riffle, Pulverize, Sand Clean
Pulp #	0	-150	None
Silica Blank *	0	-150	None

*The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.*

Element Name	Method	Extraction Technique	Unit	Lower Detection Limit	Upper Detection Limit
Ag	ICP	HNO <sub>3</sub> - HCl	ppm	.2	100
Al*	ICP	HNO <sub>3</sub> - HCl	%	.01	15
As	ICP	HNO <sub>3</sub> - HCl	ppm	5	10000
Ba*	ICP	HNO <sub>3</sub> - HCl	ppm	10	10000
Be*	ICP	HNO <sub>3</sub> - HCl	ppm	.5	100
Bi	ICP	HNO <sub>3</sub> - HCl	ppm	5	10000
Ca*	ICP	HNO <sub>3</sub> - HCl	%	.01	15
Cd	ICP	HNO <sub>3</sub> - HCl	ppm	1	100
Co	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Cr*	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Cu	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Fe*	ICP	HNO <sub>3</sub> - HCl	%	.01	15
K*	ICP	HNO <sub>3</sub> - HCl	%	.01	10
Mg*	ICP	HNO <sub>3</sub> - HCl	%	.01	15
Mn	ICP	HNO <sub>3</sub> - HCl	ppm	5	10000
Mo	ICP	HNO <sub>3</sub> - HCl	ppm	2	10000
Na*	ICP	HNO <sub>3</sub> - HCl	%	.01	5
Ni	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
P*	ICP	HNO <sub>3</sub> - HCl	ppm	10	10000
Pb	ICP	HNO <sub>3</sub> - HCl	ppm	2	10000
Sb	ICP	HNO <sub>3</sub> - HCl	ppm	5	10000
Sc	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Sn*	ICP	HNO <sub>3</sub> - HCl	ppm	10	10000
Sr*	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Ti*	ICP	HNO <sub>3</sub> - HCl	%	.01	10
V	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
W*	ICP	HNO <sub>3</sub> - HCl	ppm	10	10000
Y	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Zn	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000
Zr*	ICP	HNO <sub>3</sub> - HCl	ppm	1	10000

**WMC International Limited**

Attention: B. Marvin

Project: West Meliadine

Sample: Rock

**TSL Assayers Saskatoon**

#2 - 302 East 48th Street, Saskatoon, Saskatchewan, S7K 6A4

Tel: (306) 931-1033 Fax: (306) 242-4717

Report No : S9242

File No : 9M9242 PJ

Date : Sep-24-99

**MULTI-ELEMENT ICP ANALYSIS**

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
CR811531	0.4	1.32	<5	30	<0.5	<5	1.12	<1	110	87	727	13.21	0.07	0.88	970	<2	0.11	108	1260	24	5	6	<10	5	0.52	66	<10	11	105	10
CR811532	0.2	0.61	<5	10	0.5	<5	0.75	5	7	65	172	8.07	0.09	0.08	85	<2	0.06	18	950	38	5	1	<10	10	0.03	14	10	1	488	9
CR811534	<0.2	0.65	<5	<10	0.5	<5	0.84	<1	9	162	164	4.42	0.04	0.16	70	2	0.05	23	1220	6	5	1	<10	4	0.03	12	<10	2	14	4
CR811533	0.2	1.15	<5	20	0.5	<5	1.26	<1	8	123	75	6.44	0.10	0.27	115	<2	0.08	18	1210	12	5	1	<10	8	0.07	20	<10	2	20	7
CR811968	<0.2	0.56	<5	10	0.5	5	0.86	<1	4	119	138	6.21	0.06	0.18	75	<2	0.06	11	1130	10	5	<1	<10	21	0.02	11	<10	2	3	6
CR811969	0.6	0.17	<5	30	<0.5	5	0.06	<1	13	358	931	3.64	0.06	0.06	75	8	0.04	26	110	8	5	<1	<10	5	0.01	6	<10	<1	<1	6
CR811970	0.6	1.29	30	60	<0.5	<5	0.16	<1	33	205	783	6.71	0.23	1.18	350	2	0.04	66	470	22	5	5	<10	5	0.08	73	<10	3	339	16
CR811973	<0.2	2.38	<5	30	0.5	<5	1.45	<1	103	244	3	4.87	0.09	1.17	260	2	0.03	69	550	18	5	9	<10	5	0.25	98	<10	10	18	19
CR811971	0.4	0.37	<5	<10	<0.5	<5	0.64	1	15	128	986	2.74	0.02	0.26	195	2	0.03	18	170	6	<5	2	<10	9	0.13	23	<10	2	157	3
CR811974	0.4	0.84	<5	100	<0.5	<5	0.19	<1	25	262	555	3.47	0.40	0.49	190	6	0.04	55	630	10	5	4	<10	7	0.21	34	<10	7	24	15
CR811975	<0.2	1.01	<5	10	0.5	<5	1.43	<1	11	123	200	5.57	0.06	0.25	105	<2	0.05	31	1920	12	5	1	<10	22	0.05	20	10	5	21	6

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.