

82-#703 - #10867
16

GEOCHEMICAL REPORT

On behalf of

MACMILLIAN ENERGY CORP.

MJ 1 CLAIM
BLACKDOME MOUNTAIN AREA
CLINTON MINING DIVISION

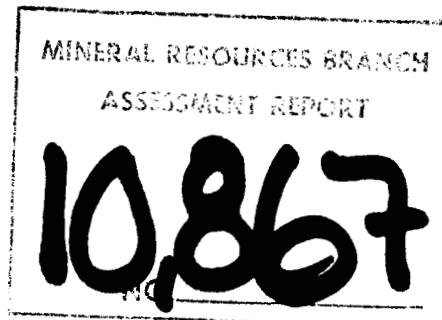
Lat. 51 20'N; Long. 122 27'W
N.T.S. 92 0/8W

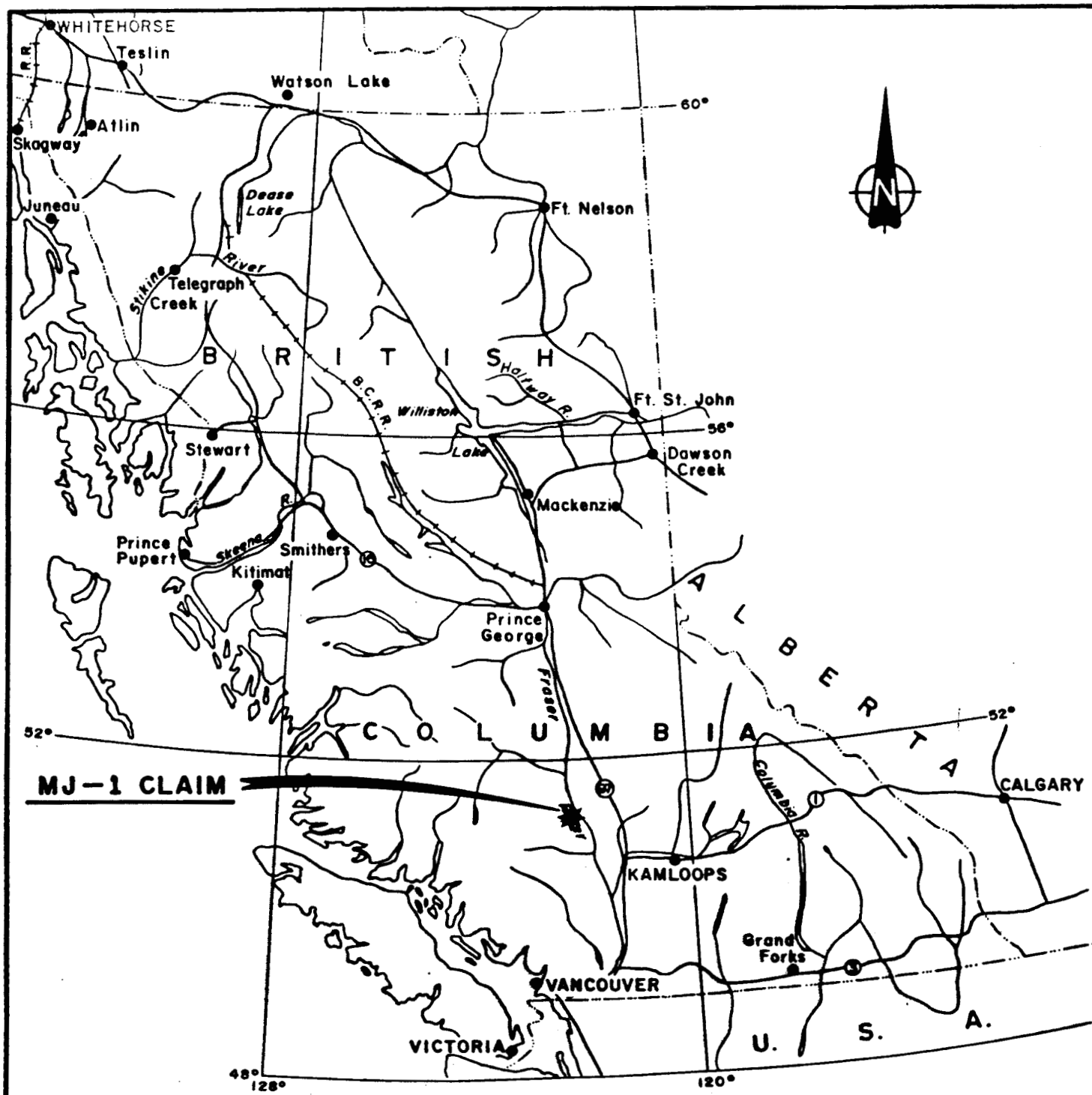
Date of Work: June 20 to July 15, 1982

Date of Report: October 28, 1982

By

JAMES G. AGER, B.Sc.
CONSULTING GEOLOGIST





LOCATION MAP
OF
MJ-1 CLAIM



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ILLUSTRATIONS

FIGURE 1	LOCATION MAP OF MJ-1 CLAIM
FIGURE 2	CLAIM MAP
FIGURE 3	GOLD PPB

INTRODUCTION

Work was carried out on the MJ 1 Claim to assess the potential of finding epithermal gold-bearing vein systems.

This report describes the gridwork and geochemical sampling performed to evaluate the potential of the claim.

PROPERTY

The property is located seventy (70) kilometres west of Clinton, B.C., and consists of a twenty (20) unit, MJ 1 Claim.

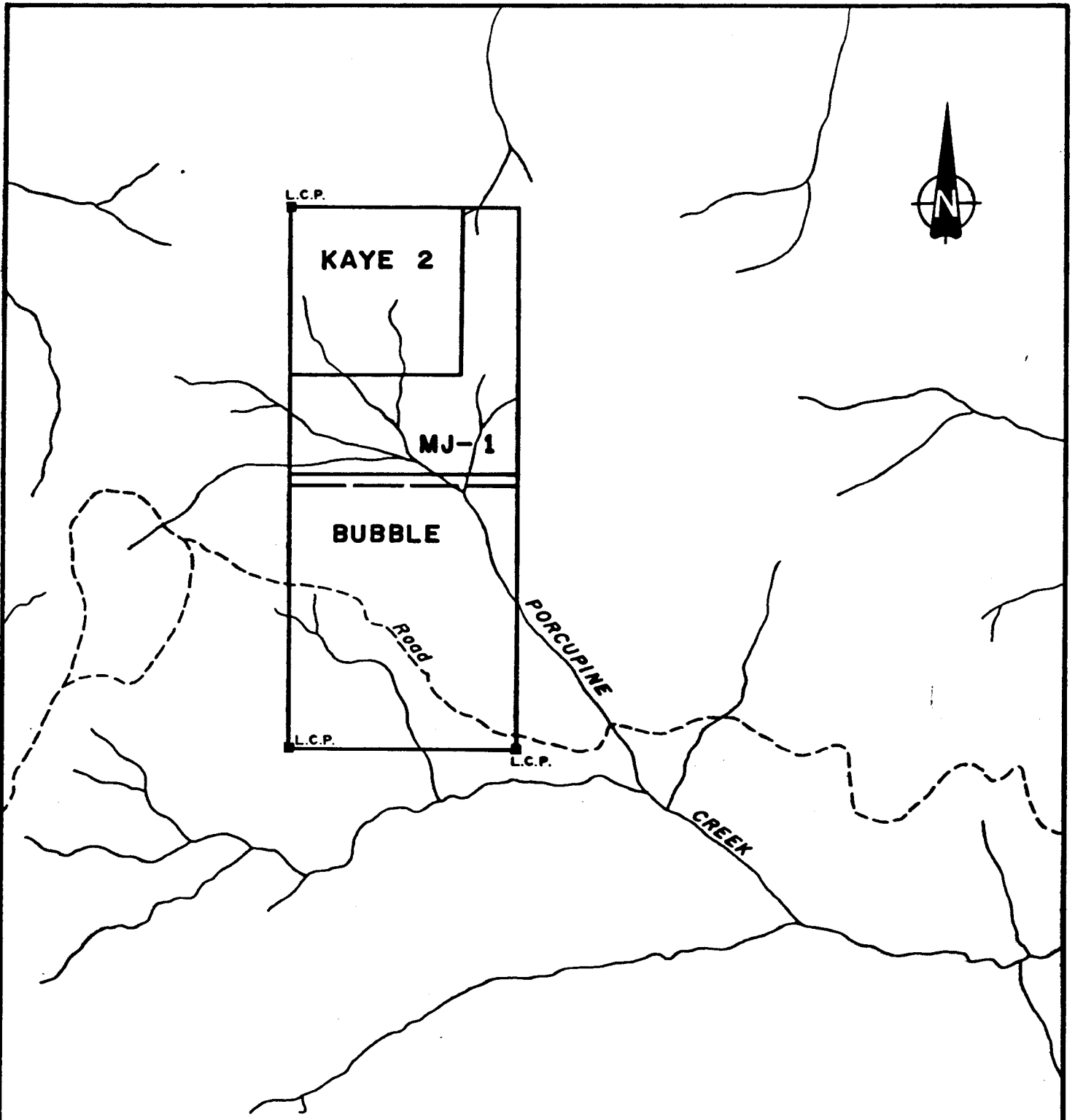
<u>CLAIM NAME</u>	<u>NO. OF UNITS</u>	<u>RECORD NO.</u>	<u>MINING DIVISION</u>
MJ 1	20	1160	Clinton

The recorded owner of the claim is MacMillan Energy Corp.

LOCATION AND ACCESS

The MJ 1 Claim is located on the eastern slopes of Black Dome Mountain at the headwaters of Porcupine Creek at 51°20' N and 122°27' W.

Access to the property is available by gravel road leaving Highway #97, eighteen (18) kilometres north of Clinton. The initial fifty (50) kilometres to the Empire Valley Ranch are on well-maintained Government Road. The last thirty (30) kilometres to the property is over the Black Dome Mines access road and requires 4-Wheel Drive in wet weather.



J.G. AGER CONSULTANTS LTD.
CLAIM MAP



Local precipitous cliffs occur in the Porcupine Creek and tributaries, with relief on the property from 1,460 metres in the Valley to over 1,750 metres along the western boundary.

REGIONAL GEOLOGY

The Black Dome Mountain area is underlain by a sequence of Tertiary volcanic rocks which range in composition from basalt to rhyolite. Recent basaltic flows overlie and cap many of the hills and lower valleys. The rocks are domed into a shallow, north by northeast plunging anticline in the volcanic centre to the west. Fracturing along zones of tension caused by this doming has acted as the loci for in-filling of epithermal silver-gold mineralization.

PROPERTY GEOLOGY

The MJ 1 Claim covers part of the eastern flank of Black Dome Mountain. Detailed mapping is hindered by extensive overburden in much of this area. However, a number of outcrops have allowed a basic outline of the rock in the claim area.

The lower-most units are exposed in the creek bottom and along some of the cliffs. They are composed mainly of ignimbrites or ash flows. The colour varies from white to light red-brown and varies from hard silicified, flow banded tuff to soft and porous ash beds. These ignimbrites have a rounded texture (possibly due to re-absorption) and angular coarse fragments (possibly air-borne) and seem to be a combination of both tectonic and sedimentary origin.

Overlying these volcanoclastic sediments is a sequence of dacite, andesite and basalt. On the contact between

the rhyolite and basalt, a thin layer of oxidized material consists of fine jasper and small veinlets of hematite.

The general area appears to have been subjected to complex block faulting. The units in the MJ 1 Claim, are similar in sequence to the Black Dome Mountain, but appear to be in a down faulted block.

No epithermal quartz veins were observed in place, but the most areas of interest are covered with heavy overburden.

GRID

In the 1982 Program, a crew established 31 line kilometres of flagged and compassed grid. A control line was run on the south boundary of the claims, east-west, beginning in the centre of the claim and running 1000 metres west and 1000 metres east. Three (3) other control lines were established, at 1000 metres north, 2000 metres north and 2500 metres north. Sample lines were run north-south through these cross lines, 1000 metres in the central and western section and 2500 metres in length in the eastern section.

The grid lines were placed at one hundred (100) metre intervals with twenty-five (25) metre sample locations.

SOIL GEOCHEMISTRY

Soil samples were collected along the established grid on one hundred (100) metre line spacing with twenty-five (25) metre sampling.

Samples were collected from the "B" horizon and marked with their located grid co-ordinates.

SOIL GEOCHEMISTRY continued

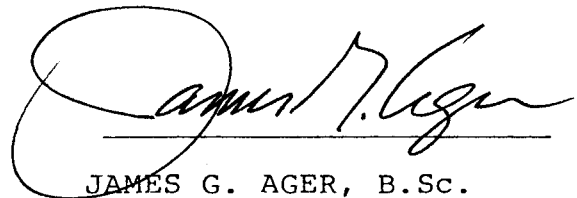
A total of 1,225 soil samples were collected and analysed for gold. Analysis was performed by Acme Analytical Laboratories Ltd. of Vancouver. The samples were dried, sieved through -80 mesh, added to hot aqua regis solution and then analysed under atomic absorption spectrophotometry.

The results were plotted; Fig.2. Values range from a background of 5 ppb to a high of 1,100 ppb.(Station 10N-2.75E). Results above 100 ppb are considered definitely anomalous (11 locations). Heavy overburden obscures the majority of these samples, so further surface work must be carried out to detail all the sources of the gold bearing rock.

Silver values were not assayed as previous sampling on the Dome Claims showed a uniform low profile.

DISCUSSION OF RESULTS

A number of erratic gold anomalies occur in 11 locations (100 ppb or higher) on the property. Heavy overburden obscures all of these sample areas. Further investigation would require shallow diamond drilling or cat stripping to test the values of the underlying rock.



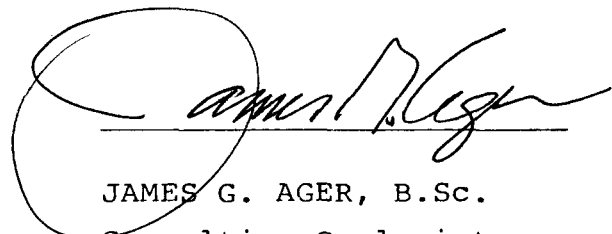
JAMES G. AGER, B.Sc.
CONSULTING GEOLOGIST

STATEMENT OF QUALIFICATIONS

I James G. Ager, B.Sc., of Vancouver, British Columbia, do hereby state that:

1. I am a Consulting Geologist. I graduated from the University of British Columbia, Canada in 1972.
2. I have worked in the exploration field as follows:
 - Jayco Syndicate; summer season, 1967.
 - Magnetron Mining Ltd.; May, 1968-September, 1970.
 - Magnetron Mining Ltd.; summer season, 1971.
 - Sibola Mines Ltd.; May, 1972-October, 1974 to present as Geologist and Project Supervisor for various Mining Companies throughout British Columbia and the Yukon including Pryme Energy Resources Ltd., Azora Minerals Inc., Petersfield Oil & Minerals, and Lansdowne Oil & Minerals Ltd.
3. I have no direct or indirect interest in any manner in either the property or securities of MacMillan Energy Corp., nor do I anticipate to receive any such interest.

DATED AT VANCOUVER, B.C., this 28th day of October, 1982.



JAMES G. AGER, B.Sc.
Consulting Geologist

COST BREAKDOWN FOR GEOCHEMICAL SURVEY

<u>PERSONNEL</u>	<u>DATES</u>	<u>DAYS/WAGES</u>	
Keith Burton	June 28-July 16	19/\$175	\$ 3,325
Patrick Potter	June 28-July 16	19/ 150	2,850
James Ager	June 26-June 30	5/ 200	1,000
	July 10-July 15	6/ 200	1,200
Meals, camp, accommodation			2,725
Transportation, truck rental, gas			1,600
Drafting			360
Geochemical Assays			5,206
Report, compilation of results			<u>1,000</u>
		total	<u>\$19,266</u>

JAMES G. AGER, B.Sc.
CONSULTING GEOLOGIST



ACME ANALYTICAL LABORATORIES LTD.

To: Macmillan Energy Corp.,
1318 - 510 W. Hastings St.,
Vancouver, B.C.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

File No. 82-1243

Type of Samples Soils

Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Au ppb																				
500E 1025 N	5																				1
1075	5																				2
1100	5																				3
1125	5																				4
1150	5																				5
1175	5																				6
1200	5																				7
1225	5																				8
1250	5																				9
1275	5																				10
1300	5																				11
1325	5																				12
1350	5																				13
1425	5																				14
1450	5																				15
1475	5																				16
1500	5																				17
1525	5																				18
1550	5																				19
1575	5																				20
1600	5																				21
1625	5																				22
1650	5																				23
1675	5																				24
500E 1700 N	5																				25
																					26
600E 2050 N	5																				27
2125	5																				28
2150	5																				29
2175	5																				30
2200	5																				31
2225	5																				32
2250	5																				33
2275	5																				34
2300	5																				35
2325	5																				36
2350	10																				37
600E 2375 N	5																				38
																					39
																					40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Sept. 28, 1982

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ASSAYER Dean Toye

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Macmillan Energy Corp.,

File No. 82-1243

Type of Samples Soils

Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Au ppb																				
600E 2400 N	10																				1
2425	5																				2
2450	15																				3
2475	5																				4
600E 2500 N	5																				5
																					6
700E 2025 N	5																				7
2050	10																				8
2075	5																				9
2100	5																				10
2125	5																				11
2150	5																				12
2175	5																				13
2200	5																				14
2225	20																				15
2250	5																				16
2275	35																				17
2300	5																				18
2325	5																				19
2350	5																				20
2375	5																				21
2400	15																				22
2425	10																				23
2450	5																				24
700E 2475 N	5																				25
																					26
800E 2000 N	15																				27
2025	5																				28
2050	5																				29
2075	5																				30
2100	5																				31
2125	5																				32
2150	5																				33
2175	5																				34
2200	15																				35
2225	5																				36
2250	5																				37
2275	15																				38
800E 2300 N	5																				39
																					40

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ASSAYER *Dean Toye*

DEAN TOYE, B.Sc.
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Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Au ppb																		
800E 2325 N	5																		1
2350	5																		2
2375	5																		3
2400	5																		4
2425	5																		5
2450	5																		6
800E 2475 N	5																		7
																			8
900E 2025 N	5																		9
2050	5																		10
2075	5																		11
2100	5																		12
2125	5																		13
2150	5																		14
2175	5																		15
2200	5																		16
2225	5																		17
2250	10																		18
2275	5																		19
2300	5																		20
2325	15																		21
2350	5																		22
2375	5																		23
2400	5																		24
2425	5																		25
2450	5																		26
900E 2475 N	5																		27
																			28
1000E 1100 N	5																		29
1125	5																		30
1150	5																		31
1175	5																		32
1200	5																		33
1225	5																		34
1250	5																		35
1275	5																		36
1300	5																		37
1325	5																		38
1000E 1350 N	5																		39
																			40

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DETERMINATION:.....

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Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Au ppb																				
1000E 1375 N	5																				1
1400	5																				2
1425	5																				3
1475 P	5																				4
1525	5																				5
1550	5																				6
1575	5																				7
1600	5																				8
1625	5																				9
1650	5																				10
1675	5																				11
1700	5																				12
1725	5																				13
1750	5																				14
1775	5																				15
1800	5																				16
1825	5																				17
1850	5																				18
1875	5																				19
1000E 1900 N	5																				20
																					21
1000E 1925 N	5																				22
1950	5																				23
1975	5																				24
2000	5																				25
2025	5																				26
2050	5																				27
2075	5																				28
2100	5																				29
2125	5																				30
2150	5																				31
2175	5																				32
2200	5																				33
2225	5																				34
2250	5																				35
2275	5																				36
2300	5																				37
1000E 2325 N	5																				38
																					39
																					40

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* P = pulverizing

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 ASSAYER *D. Toy*

DEAN TOYE, B.Sc.
 CHIEF CHEMIST
 CERTIFIED B.C. ASSAYER



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Vancouver, B.C.

File No. 82-0886

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		PPb Au								
500E	1725N	5								1
	1750	5								2
	1775	5								3
	1800	15								4
	1825	5								5
	1850	5								6
	1875	5								7
	1900	5								8
	1925	5								9
	1950	5								10
	1975	5								11
	2000	miss								12
	2025	5								13
	2050	5								14
	2075	5								15
	2100	5								16
	2125	5								17
	2150	5								18
	2175	5								19
	2200	5								20
	2225	5								21
	2250	5								22
	2275	5								23
	2300	5								24
	2325	5								25
	2350	5								26
	2375	5								27
	2400	20								28
	2425	5								29
	2450	5								30
	2475	5								31
500E	2500N	5								32
										33
600E	1050N	5								34
	1075	5								35
	1100	5								36
	1125	5								37
600E	1150N	5								38
										39
										40

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To: MacMillan Energy

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone: 253 - 3158

File No. 82-0886

Type of Samples

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

PPb

2

SAMPLE No.	Au									
600E 1175N	5									1
1200	5									2
1225	5									3
1250	5									4
1275	5									5
1300	60									6
1325	5									7
1350	5									8
1375	5									9
1400	5									10
1425	5									11
1450	5									12
1475	5									13
1500	5									14
1525	5									15
1550	5									16
1575	5									17
1600	5									18
1625	5									19
1650	5									20
1675	5									21
1700	5									22
1725	5									23
1750	10									24
1775	5									25
1800	5									26
1825	5									27
1850	5									28
1875	5									29
1900	5									30
1925	5									31
1950	5									32
1975	5									33
600E 2000N	miss									34
600E 2025N	5									35
2050	miss									36
2075	5									37
600E 2100N	5									38
										39
										40

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PPb

SAMPLE No.	Au																				
800E 1075N	5																				1
1100	5																				2
1125	5																				3
1150	5																				4
1175	5																				5
1200	5																				6
1225	10																				7
1250	5																				8
1275	5																				9
1300	5																				10
1325	5																				11
1350	5																				12
1375	5																				13
1400	5																				14
1425	5																				15
1450	5																				16
1475	5																				17
1500	5																				18
1525	5																				19
1550	5																				20
1575	5																				21
1600	5																				22
1625	5																				23
1650	5																				24
1675	5																				25
1700	5																				26
1725	5																				27
1750	5																				28
1775	5																				29
1800	15																				30
1825	5																				31
1850	5																				32
1875	5																				33
1900	15																				34
1925	5																				35
1950	5																				36
800E 1975N	5																				37
																					38
																					39
																					40

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852 E. Hastings St., Vancouver, B. C. V6A 1R6

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Type of Samples

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GEOCHEMICAL ASSAY CERTIFICATE

PPb

SAMPLE No.		Au										
900E	1125N	5										1
	1150	5										2
	1175	5										3
	1200	5										4
	1225	5										5
	1250	5										6
	1275	miss										7
	1300	5										8
	1325	5										9
	1350	miss										10
	1375	5										11
	1400	5										12
	1425	5										13
	1450	5										14
	1475	5										15
	1500	5										16
	1525	5										17
	1550	5										18
	1575	5										19
	1600	5										20
	1625	5										21
	1650	5										22
	1650A	5										23
	1650B	5										24
	1675	5										25
	1675A	5										26
	1675B	5										27
900E	1700N	5										28
												29
900E	1725N	5										30
	1750	5										31
	1775	5										32
	1800	5										33
	1825	5										34
	1850	5										35
	1875	5										36
	1900	5										37
900E	1925N	25										38
												39
												40

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ASSAYER Dean Toyé

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: MacMillan Energy

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

File No. 82-0886

Type of Samples

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

PPb

5

SAMPLE No.	Au																				
1000E	1950N	5																			1
1000E	1975N	5																			2
																					3
TL20N	500E	5																			4
	525	5																			5
	550	5																			6
	575	5																			7
	600	5																			8
	625	5																			9
	650	5																			10
	675	5																			11
	700	5																			12
	725	5																			13
	750	5																			14
	775	5																			15
	800	5																			16
	825	5																			17
	850	5																			18
	875	5																			19
	900	5																			20
	925	5																			21
	950	5																			22
TL20N	975E	5																			23
																					24
TL25N	525E	5																			25
	550	5																			26
	575	5																			27
	600	5																			28
	625	5																			29
	650	5																			30
	675	5																			31
	700	5																			32
	725	5																			33
	750	5																			34
	775	5																			35
	800	5																			36
	825	5																			37
TL25N	850E	5																			38
																					39
																					40

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ASSAYER *Dean Toy*

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: MacMillan Energy

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

File No. 82-0886

Type of Samples

Disposition

GEOCHEMICAL ASSAY CERTIFICATE
PPb

6

Table with columns for SAMPLE No., Au, and a numbered list from 1 to 40. Data includes TL25N 875E (110), 900 (25), 925 (5), 950 (5), 975 (5), and TL25N 1000E (5).

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DIGESTION:
DETERMINATION:

DATE SAMPLES RECEIVED Aug. 19, 1982
DATE REPORTS MAILED Aug. 26, 1982
ASSAYER [Signature]

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: MacMillan Energy

82-0593

File No. _____

Type of Samples _____

Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

10

SAMPLE No.	Au(ppb)																				
TL10N 0	5																				1
0+25 E	10																				2
0+50	5																				3
0+75	5																				4
1+25	5																				5
1+25A	10																				6
1+50	5																				7
1+75	10																				8
2	5																				9
2+25	5																				10
2+50	5																				11
2+75	1100																				12
3	5																				13
3+25	5																				14
3+50	5																				15
3+75	5																				16
4	5																				17
4+25	5																				18
4+50	5																				19
4+75	5																				20
5	5																				21
5+25	5																				22
5+50	5																				23
5+75	5																				24
6	5																				25
6+25	10																				26
6+50	5																				27
6+75	5																				28
7	5																				29
7+25	5																				30
7+50	5																				31
7+50	5																				32
8	5																				33
8+25	10																				34
8+50	5																				35
8+75	5																				36
TL10N 9+25 E	5																				37
																					38
																					39
																					40

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DETERMINATION:.....

DATE SAMPLES RECEIVED July 14, 1982

DATE REPORTS MAILED July 22, 1982

ASSAYER *D. Toy*

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: MacMillan Energy

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Disposition

GEOCHEMICAL ASSAY CERTIFICATE

11

SAMPLE No.	Au(ppb)										
TL10N 9+50E	5										1
9+75	5										2
TL10N 10 E	5										3
											4
TL10N 0+25W	5										5
0+75	5										6
1	5										7
1+25	5										8
1+50	5										9
1+75	5										10
2	5										11
2+25	5										12
2+50	5										13
2+75	5										14
3	5										15
3+25	5										16
3+50	5										17
3+75	5										18
4	5										19
4+25	5										20
4+50	5										21
4+75	5										22
5	5										23
5+25	5										24
5+50	5										25
5+75	5										26
6	5										27
6+25	5										28
6+50	5										29
6+75	5										30
7	5										31
7+25	5										32
7+50	5										33
7+75	5										34
TL10N 8 W	5										35
											36
											37
											38
											39
											40

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Type of Samples

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

12

SAMPLE No.	Au(ppb)									
1E 0+25 N	5									1
0+50	5									2
0+75	5									3
1	5									4
1+25	5									5
1+50	5									6
1+75	5									7
2	5									8
2+25	5									9
2+50	145									10
2+75	5									11
3	5									12
3+25	5									13
3+50	5									14
3+75	5									15
4	4									16
4+25	5									17
4+50	5									18
4+75	5									19
5	5									20
5+25	5									21
5+50	5									22
5+75	5									23
1E 6 N	5									24
										25
1E 6+25 N	5									26
6+50	5									27
6+75	5									28
7	5									29
7+25	5									30
7+50	5									31
7+75	5									32
8	5									33
8+25	5									34
8+50	5									35
8+75	5									36
1E 9 N	5									37
										38
										39
										40

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Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

13

SAMPLE No.	Au(ppb)											
1E 9+25 N	5											1
9+50	5											2
9+75	5											3
10	5											4
10+25	5											5
10+50	5											6
10+75	5											7
1E 11 N	5											8
												9
1W 0+25 N	5											10
0+50	5											11
1+25	5											12
1+50	5											13
1+75	5											14
1+75A	5											15
2	5											16
2+25	5											17
2+50	5											18
2+75	5											19
3	5											20
3+25	5											21
3+50	5											22
3+75	5											23
4	4											24
4+25	5											25
4+50	5											26
4+75	5											27
5	5											28
5+50	5											29
5+75	5											30
6	20											31
6+25	5											32
6+50	5											33
6+75	5											34
7	475											35
7+25	5											36
7+50	5											37
1W 7+75 N	5											38
												39
												40

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Type of Samples

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

14

SAMPLE No.	Au(ppb)									
1W 8+25 N	5									1
8+50	5									2
8+75	5									3
9	5									4
9+25	5									5
9+50	5									6
9+75	5									7
10	5									8
10+25	5									9
10+50	5									10
10+75	5									11
1W 11 N	5									12
										13
2E 0+25 N	5									14
0+50	10									15
0+75	30									16
1	5									17
1+25	5									18
1+50	70									19
1+75	5									20
2	5									21
2+25	5									22
2+50	10									23
2+75	5									24
3	5									25
3+25	5									26
3+50	5									27
3+75	5									28
4	5									29
4+25	5									30
4+50	5									31
4+75	5									32
5	5									33
5+25	5									34
5+50	5									35
5+75	5									36
6	5									37
2E 6+25 N	5									38
										39
										40

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GEOCHEMICAL ASSAY CERTIFICATE

15

SAMPLE No.	Au(ppb)										
2E 6+50 N	5										1
6+75	5										2
7	5										3
7+25	5										4
7+50	5										5
7+75	5										6
8	5										7
8+25	5										8
8+50	5										9
8+75	5										10
9	5										11
9+25	5										12
9+50	5										13
9+75	45										14
10	5										15
10+25	70										16
10+50	5										17
2E 10+75 N	5										18
											19
2W 0+25 N	5										20
0+50	5										21
0+75	5										22
1	5										23
1+25	5										24
1+50	10										25
1+75	5										26
2	5										27
2+25	5										28
2+50	5										29
2+75	5										30
3	5										31
3+25	5										32
3+50	5										33
3+75	5										34
4	5										35
4+25	5										36
4+50	5										37
2W 4+75 N	5										38
											39
											40

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Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

16

SAMPLE No.	Au(ppb)								
2W 5 N	5								1
5+25	5								2
5+50	5								3
5+75	5								4
6	5								5
6+25	5								6
6+50	5								7
6+75	5								8
7	5								9
7+25	5								10
7+50	5								11
7+75	5								12
8	5								13
8+25	5								14
8+50	5								15
8+75	5								16
9	5								17
9+25	5								18
9+50	5								19
9+75	5								20
10	5								21
10+25	5								22
10+50	5								23
2W 10+75 N	5								24
									25
3E 0+25 N	5								26
0+50	5								27
0+75	5								28
1	5								29
1+25	5								30
1+50	5								31
1+75	5								32
2	5								33
2+25	5								34
2+50	5								35
2+75	5								36
3	5								37
3E 3+25 N	280								38
									39
									40

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Type of Samples

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

17

SAMPLE No.	Au(ppb)																				
3E 3+50 N	5																				1
3+75	5																				2
4	5																				3
4+25	5																				4
4+50	5																				5
4+75	5																				6
5	5																				7
5+25	5																				8
5+50	5																				9
5+75	5																				10
6	5																				11
6+25	5																				12
6+50	5																				13
6+75	5																				14
7	5																				15
7+25	5																				16
7+50	5																				17
7+75	5																				18
8	5																				19
8+25	5																				20
8+50	5																				21
8+75	5																				22
9	5																				23
9+25	5																				24
9+50	5																				25
9+75	5																				26
10	5																				27
10+25	5																				28
10+50	5																				29
10+75	5																				30
3E 11 N	5																				31
																					32
3W 0+50 N	5																				33
0+75	5																				34
1	5																				35
1+75	5																				36
2	35																				37
3W 2+25 N	10																				38
																					39
																					40

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Dean Toy

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18

SAMPLE No.	Au(ppb)									
3W 2+50 N	5									1
2+75	5									2
3	5									3
3+25	5									4
3+50	15									5
3+75	5									6
4	5									7
4+25	5									8
4+50	5									9
4+75	5									10
5	5									11
5+25	5									12
5+50	5									13
5+75	5									14
6	5									15
6+25	5									16
6+50	10									17
6+75	5									18
7	15									19
7+25	5									20
7+50	5									21
7+75	5									22
8	5									23
8+25	5									24
8+50	5									25
8+75	5									26
9	5									27
9+25	5									28
9+50	5									29
9+75	5									30
10	5									31
10+25	5									32
10+50	5									33
3W 10+75 N	5									34
										35
4E 0+25 N	5									36
0+50	5									37
4E 0+75 N	5									38
										39
										40

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19

SAMPLE No.	Au(ppb)								
4E 1 N	5								1
1+25	5								2
1+50	15								3
1+75	5								4
2	5								5
2+25	5								6
2+50	5								7
2+75	5								8
3	5								9
3+25	5								10
3+50	5								11
3+75	5								12
4	5								13
4+25	5								14
4+50	5								15
4+75	5								16
5	5								17
5+25	5								18
5+50	5								19
5+75	5								20
6	15								21
6+25	5								22
6+50	5								23
6+75	5								24
7	5								25
7+25	5								26
7+50	5								27
7+75	5								28
8	5								29
8+25	5								30
8+50	5								31
8+75	5								32
9	5								33
9+25	5								34
9+50	5								35
9+75	5								36
4E 10 N	5								37
									38
									39
									40

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GEOCHEMICAL ASSAY CERTIFICATE

20

SAMPLE No.	Au(ppb)											
4E 10+25 N	5											1
10+50	5											2
4E 10+75 N	5											3
												4
4W 0+25 N	5											5
0+50	5											6
0+75	5											7
1	5											8
1+25	5											9
1+50	5											10
1+75	10											11
2	20											12
2+25	5											13
2+50	5											14
2+75	5											15
3	5											16
3+25	5											17
3+50	5											18
3+75	5											19
4	5											20
4+25	120											21
4+50	5											22
4+75	5											23
5	5											24
5+25	5											25
5+50	5											26
5+75	5											27
6	5											28
6+25	5											29
6+50	5											30
6+75	5											31
7	5											32
7+25	5											33
7+75	5											34
8	5											35
8+25	5											36
4W 8+50	5											37
												38
												39
												40

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GEOCHEMICAL ASSAY CERTIFICATE

21

SAMPLE No.	Au(ppb)																				
4W 8+75 N	5																				1
9	410																				2
9+25	5																				3
9+50	5																				4
9+75	5																				5
10	5																				6
10+25	5																				7
10+50	5																				8
4W 10+75 N	5																				9
																					10
5E 0 N	5																				11
0+25	5																				12
0+50	5																				13
0+75	5																				14
1	5																				15
1+25	5																				16
1+50	5																				17
2	5																				18
2+25	5																				19
2+50	5																				20
2+75	5																				21
3	5																				22
3+25	5																				23
3+50	5																				24
3+75	5																				25
4	5																				26
4+25	5																				27
4+50	5																				28
4+75	5																				29
5	5																				30
5+25	5																				31
5+50	5																				32
5+75	5																				33
6	5																				34
6+25	5																				35
6+50	5																				36
6+75	5																				37
5E 7 N	5																				38
																					39
																					40

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SAMPLE No.	Au(ppb)																				
5E 7+25 N	5																				1
7+50	5																				2
7+75	5																				3
8	5																				4
8+25	5																				5
8+50	5																				6
8+75	5																				7
9	5																				8
9+25	5																				9
9+50	5																				10
9+75	5																				11
10	5																				12
10+25	5																				13
10+50	5																				14
5E 10+75 N	5																				15
																					16
5W 0+25 N	5																				17
0+50	5																				18
0+75	5																				19
1	5																				20
1+25	5																				21
1+50	5																				22
1+75	5																				23
2	5																				24
2+25	5																				25
2+50	5																				26
2+75	5																				27
3	5																				28
3+25	5																				29
3+50	5																				30
3+75	5																				31
4	5																				32
4+25	5																				33
4+50	5																				34
4+75	5																				35
5	5																				36
5+25	5																				37
5W 5+50 N	5																				38
																					39
																					40

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ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone: 253 - 3158

File No. 82-0593

Type of Samples

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

24

SAMPLE No.	Au(ppb)										
6E 4+25 N	5										1
4+50	5										2
4+75	5										3
5	5										4
5+25	5										5
5+50	10										6
5+75	5										7
6	10										8
6+25	5										9
6+50	280										10
6+75	5										11
7	5										12
7+25	5										13
7+50	5										14
7+75	5										15
8	5										16
8+25	15										17
8+50	5										18
8+75	5										19
9	5										20
9+25	5										21
9+50	5										22
9+75	5										23
10	5										24
10+25	5										25
10+50	5										26
6E 10+75 N	5										27
											28
6W 0+25 N	5										29
0+50	5										30
0+75	5										31
1	5										32
1+25	5										33
1+50	5										34
1+75	5										35
2	5										36
2+25	5										37
6W 2+50 N	5										38
											39
											40

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DIAGNOSIS:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED July 14, 1982

DATE REPORTS MAILED July 22, 1982

ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: MacMillan Energy

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Disposition

GEOCHEMICAL ASSAY CERTIFICATE

27

SAMPLE No.	Au(ppb)																				
7W 0+25 N	5																				1
0+50	5																				2
0+75	5																				3
1	5																				4
1+25	5																				5
1+50	145																				6
1+75	5																				7
2	5																				8
2+25	5																				9
2+50	5																				10
2+75	10																				11
7W 3 N	5																				12
																					13
7W 3+25 N	5																				14
3+50	10																				15
3+75	5																				16
4	5																				17
4+25	5																				18
4+50	30																				19
4+75	5																				20
5	5																				21
5+25	5																				22
5+50	5																				23
5+75	5																				24
6	5																				25
6+25	5																				26
6+50	5																				27
6+75	10																				28
7	5																				29
7+25	5																				30
7+50	5																				31
7+75	5																				32
8	5																				33
8+25	5																				34
8+50	5																				35
8+75	5																				36
9	10																				37
7W 9+25 N	5																				38
																					39
																					40

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REGISTRATION:.....

DETERMINATION:.....

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ASSAYER *Dean Toy*

DEAN TOYE, B.Sc.
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To: MacMillan Energy

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Type of Samples

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

28

SAMPLE No.	Au(ppb)																				
7W 9+50 N	5																				1
9+75	5																				2
7W 10 N	5																				3
																					4
8E 0+50 N	5																				5
0+75	5																				6
1	5																				7
1+25	5																				8
1+50	5																				9
1+75	5																				10
2	5																				11
2+25	15																				12
2+50	5																				13
2+75	5																				14
3	5																				15
3+25	5																				16
3+50	5																				17
3+75	5																				18
4	5																				19
4+25	5																				20
4+50	5																				21
4+75	5																				22
5	5																				23
5+25	5																				24
5+50	5																				25
5+75	5																				26
6	5																				27
6 A	25																				28
6+25	5																				29
6+50	15																				30
6+75	5																				31
7	5																				32
7+25	5																				33
7+50	5																				34
7+75	5																				35
8	5																				36
8+25	5																				37
8E 8+50 N	5																				38
																					39
																					40

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 DIGESTION:.....
 DETERMINATION:.....

DATE SAMPLES RECEIVED July 14, 1982
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 ASSAYER *Dean Toy*

DEAN TOYE, B.Sc.
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Type of Samples

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

29

SAMPLE No.	Au(ppb)												
8E 8+75 N	5												1
9	5												2
9+25	5												3
9+50	5												4
9+75	5												5
10	5												6
10+25	5												7
10+50	5												8
8E 10+75 N	5												9
													10
8W 0+25 N	30												11
0+50	5												12
0+75	5												13
1	5												14
1+25	5												15
1+50	5												16
1+75	5												17
2	5												18
2+25	625												19
2+50	5												20
2+75	5												21
3	5												22
3+25	5												23
3+50	5												24
3+75	5												25
4	5												26
4+25	5												27
4+50	5												28
4+75	5												29
5	5												30
5+25	5												31
5+50	5												32
5+75	5												33
6	15												34
6+25	5												35
6+50	5												36
6+75	5												37
8W 7 N	15												38
													39
													40

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IGESTION:.....

DETERMINATION:.....

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ASSAYER

D. Toye

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82-0593

File No. _____

Type of Samples _____

Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

30

SAMPLE No.	Au(ppb)																				
8W 7+25 N	5																				1
7+50	5																				2
7+75	5																				3
8	5																				4
8+25	5																				5
8+50	5																				6
8+75	5																				7
9	5																				8
9+25	5																				9
9+50	5																				10
9+75	5																				11
10	5																				12
10+25	5																				13
10+50	5																				14
8W 10+75 N	95																				15
																					16
9E 0+75 N	10																				17
1	5																				18
1+25	5																				19
1+50	5																				20
1+75	5																				21
2	5																				22
2+25	5																				23
2+50	5																				24
2+75	5																				25
3	5																				26
3+25	5																				27
3+50	10																				28
3+75	10																				29
4	5																				30
4+25	5																				31
4+50	5																				32
4+75	10																				33
5	5																				34
5+25	5																				35
5+50	5																				36
5+75	5																				37
9E 6 N	5																				38
																					39
																					40

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File No. 82-0593

Type of Samples

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

31

SAMPLE No.	Au(ppb)									
9E 6+25 N	5									1
6+50	5									2
6+75	10									3
7	10									4
7+25	10									5
7+50	5									6
7+75	5									7
8	5									8
8+25	5									9
8+50	5									10
8+75	5									11
9	5									12
9+25	5									13
9+50	5									14
9+75	5									15
10	5									16
10+25	5									17
10+50	5									18
10+75	5									19
9E 11 N	20									20
										21
10E 0+25 N	5									22
0+50	5									23
0+75	5									24
1	5									25
1+25	5									26
1+50	5									27
1+75	5									28
2	5									29
2+25	5									30
2+50	5									31
2+75	5									32
3	10									33
3+25	5									34
3+50	5									35
3+75	5									36
4	5									37
10E 4+25 N	30									38
										39
										40

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ASSAYER *Dean Toy*

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To: MacMillan Energy

File No. 82-0593

Type of Samples

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

32

SAMPLE No.	Au(ppb)																				
10E 4+50N	5																				1
4+75	5																				2
5	5																				3
5+25	55																				4
5+50	5																				5
5+75	5																				6
6+25	10																				7
6+50	5																				8
6+75	20																				9
7+25	40																				10
7+50	5																				11
7+75	5																				12
8	5																				13
8+25	5																				14
8+50	5																				15
8+75	5																				16
9	5																				17
9+25	5																				18
9+50	5																				19
10E 9+75 N	5																				20
																					21
OE 0 N	5																				22
0+25	5																				23
0+50	5																				24
0+75	5																				25
1	5																				26
1+25	5																				27
1+50	5																				28
1+75	5																				29
2	5																				30
2+25	5																				31
2+50	5																				32
2+75	5																				33
3	5																				34
3+25	5																				35
3+50	5																				36
3+75	5																				37
OE 4 N	5																				38
																					39
																					40

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DIGESTION:.....

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ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
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To: MacMillan Energy

82-0593

File No. _____

Type of Samples _____

Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

33

SAMPLE No.	Au(ppb)										
OE 4+25 N	5										1
4+50	5										2
4+75	5										3
5	5										4
5+25	5										5
5+50	5										6
5+75	5										7
6	5										8
6+25	5										9
6+50	5										10
6+75	5										11
7	5										12
7+25	5										13
7+50	5										14
7+75	5										15
8	5										16
8+25	5										17
8+50	5										18
8+75	5										19
9	5										20
9+25	5										21
9+50	5										22
9+75	5										23
10	5										24
10+25	5										25
OE 10+50 N	5										26
											27
002 A	5										28
002 B	5										29
002 C	5										30
002 D	5										31
											32
											33
											34
											35
											36
											37
											38
											39
											40

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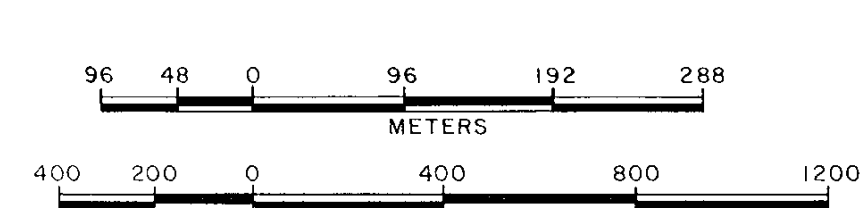
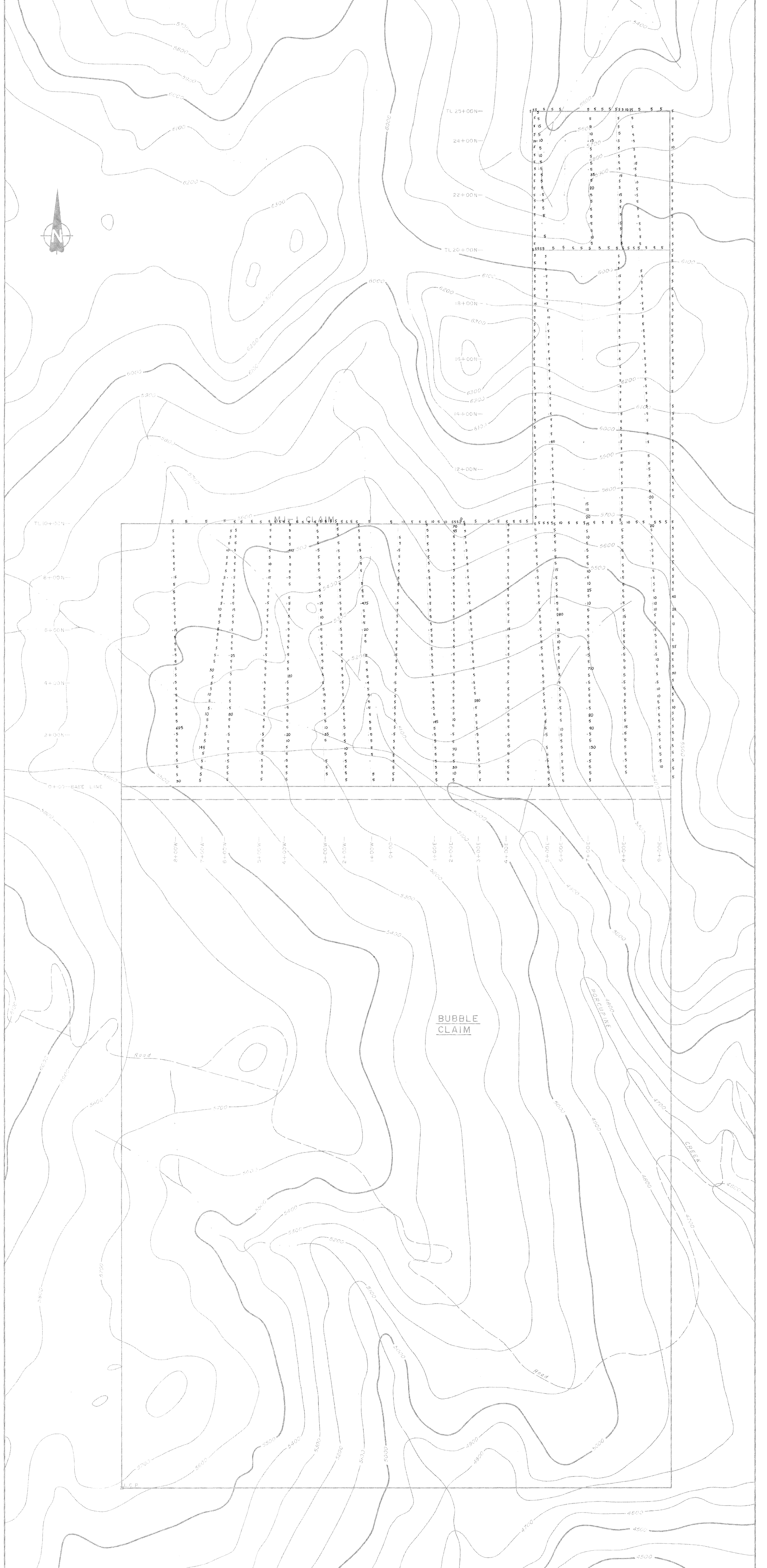
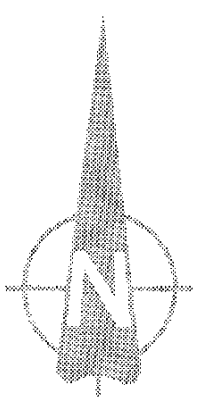
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ASSAYER *Dean Toye*

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N.T.S. 92 0/8

J.G. AGER CONSULTANTS LTD.
MJ-1 & BUBBLE CLAIMS
OMINECA MINING DIVISION - BRITISH COLUMBIA

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT

GOLD PPB 19867

James Ager

J.G. AGER CONSULTANTS LTD. VANCOUVER, B.C. DWN BY: T.M. FIG. NO. 3
CHK. BY: J.G. AGER DATE: JAN. 1983