

096419



GEOCHEMICAL ASSESSMENT

on the

**AVA 1-4 CLAIMS
(YC 18994 - 997)**

**Located on Claim Plan NTS 105 D-3
centered at
Latitude 60° 14'N, Longitude 135° 08'W
Whitehorse Mining District
Yukon Territory
Canada**

by

G. MACDONALD, P.Geol.

February 2013

TABLE OF CONTENTS

	Page
PROPERTY DESCRIPTION AND LOCATION	1
ACCESSIBILITY AND PHYSIOGRAPHY	2
HISTORY OF EXPLORATION	3
REGIONAL GEOLOGY	4
PROPERTY GEOLOGY	5
2012 EXPLORATION PROGRAM	6
CONCLUSIONS	6

<u>LIST OF FIGURES</u>		Following Page
FIGURE 1	LOCATION MAP	1
FIGURE 2	CLAIM MAP.....	1
FIGURE 3	REGIONAL GEOLOGY	4
FIGURE 4	SOIL GEOCHEMISTRY RECONNAISSANCE LINES.....	6

<u>LIST OF TABLES</u>		Page
TABLE 1	TABLE OF CLAIMS	1

APPENDICES

APPENDIX A	CERTIFICATE OF QUALIFICATIONS
APPENDIX B	REFERENCES
APPENDIX C	SOIL GEOCHEMICAL ANALYSES RESULTS
APPENDIX D	STATEMENT OF COSTS

PROPERTY DESCRIPTION AND LOCATIONS

The property consists of 4 claims as detailed in Table 1 of this report, and shown on Figure 2.

TABLE 1
CLAIM STATUS

Claim Name	Grant Numbers	Renewal Expiry Date
AVA 1 - 4	YC 18994 - 997	November 27, 2016

The AVA claims are located in the Whitehorse Mining District of Yukon Territory, Canada.

The AVA claims cover a broad northwest-trending ridge south of Mount Anderson, extending south from the Wheaton River on NTS Map Sheet 105D-3. The property lies 50 km south of Whitehorse at geographical coordinates 60° 14'N latitude, 135° 08'W longitude (see Figures 1 and 2).

BEAUFORT SEA

• Tuktoyaktuk

Aklavik

Inuvik

• Old Crow

Fort McPherson



LOCATION MAP

SCALE: 1" = 90 MILES APPROX.



PROPERTY LOCATION
WHEATON RIVER DISTRICT

ALASKA
YUKON

DEMISTEK
HIGHWAY

YUKON

NORTHWEST TERRITORIES
YUKON

Eagle

TOP OF THE WORLD HWY

Dawson City

Mayo
Keno
Elsa

Stewart Crossing

Pelly Crossing

CANAL ROAD



Tungsten

to Tok

Beaver Creek

Carmacks

Faro

Ross River

Burwash Landing

Destruction Bay

HALIFAX NATIONAL PARK

Halnes Junction

WHITEHORSE

Carcross

Johnsons Crossing

Teslin

Watson Lake

YUKON

BRITISH COLUMBIA
ALASKA

GULF OF ALASKA

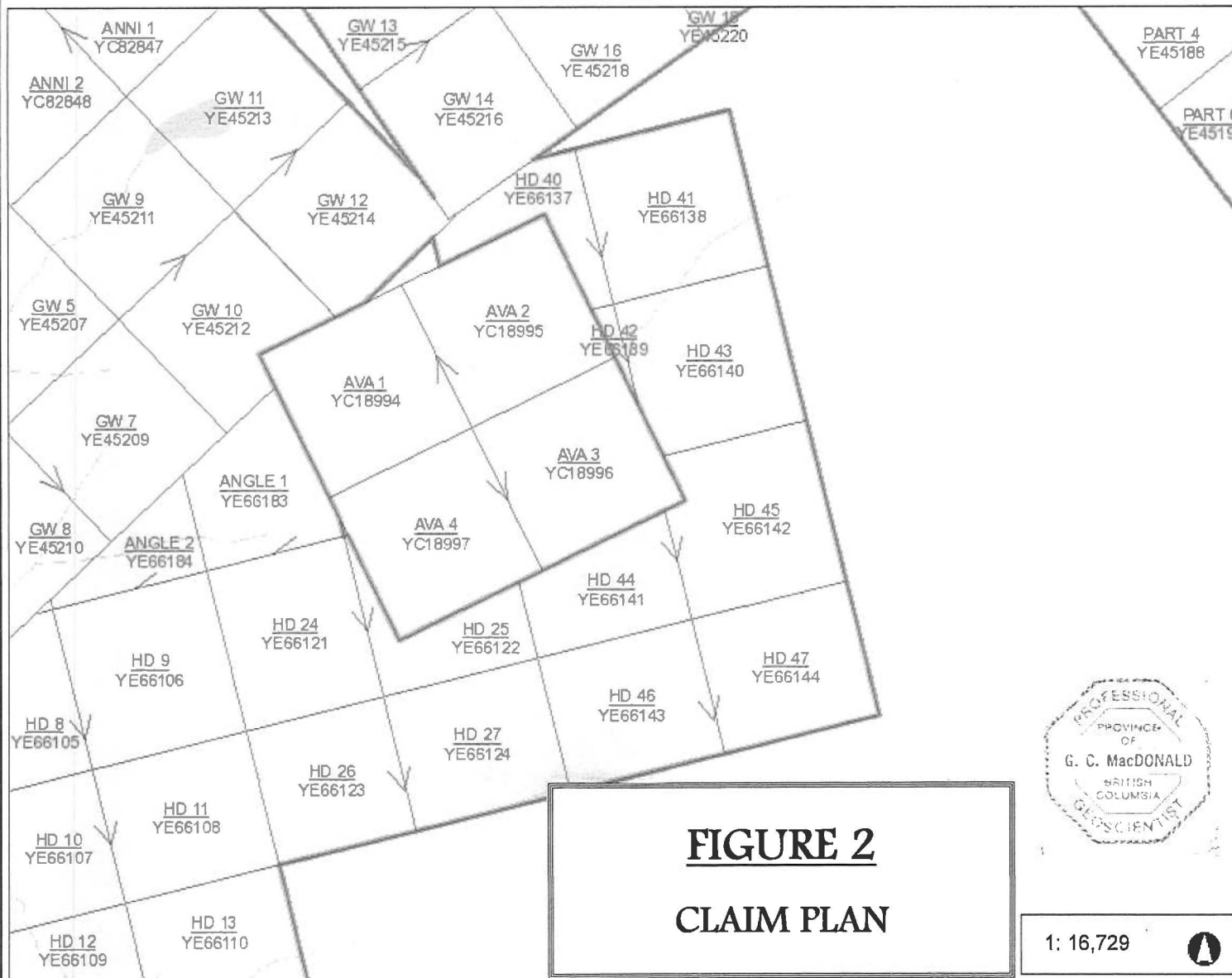
Skagway

Atlin

Halnes

FIGURE 1

LOCATION



Legend

- New Placer Claims
- Placer Claims (50K)
 - Active and Pending
 - Expired
- Prospecting Leases
 - Active and Pending
 - Expired
- Adjoin Placer
- Placer Mining Land Use Permi
 - Class 3
 - Class 4
- Placer Baselines (50K)
- Placer Baselines (surveyed)
- New Quartz Claims
- Quartz Claims (50K)
 - Active and Pending
 - Expired
- Quartz Leases (50K)
- Adjoin Quartz
- Quartz Mining Land Use Permi
 - Class 3
 - Class 4
- Quartz Staking Direction
- Coal Exploration License
 - Active and Pending
 - Expired
- Coal Mining Lease
 - Active and Pending



0.8 0 0.42 0.8 Kilometers

Yukon Albers
Produced from: Yukon Mining Viewer

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.
Date Printed: 06-Dec-2012

Notes

ACCESSIBILITY AND PHYSIOGRAPHY

The Alaska and Klondike Highways, and the Wheaton River-Mount Skukum all-season gravel road provide access to the area. A four-wheel drive road connects Mount Anderson to the Wheaton River Road. Access to the claims is by 4-wheel drive vehicle.

The Wheaton River district lies in the Boundary Ranges of the Coast Mountains, a rolling uplands area featuring prominent peaks and steep-walled stream and river valleys. Glacial action has modified major river valleys to deep U-shaped drainages with terrace and outwash deposits. Topographically, the area becomes progressively more severe to the southwest, culminating in 2,500 m mountains and ice fields at the headwaters of the Wheaton and Watson Rivers.

A maximum elevation of 1,850 is reached on the AVA claims while the lowest lying regional feature is Wheaton River at 884 meters. The claims cover a barren northwest-trending ridge extending south from the Mount Anderson. Outcrop is common on steep slopes descending from the rounded ridge top. The effects of local alpine glaciation are evident on the northern side of Mount Anderson, where cirques and tams are present. Vegetation in the upland consists of dwarf grasses, moss and lichen. Timber is restricted to the main valleys at elevations below 1,200 meters.

HISTORY OF EXPLORATION

The Wheaton River/Lake Bennett district was first explored by prospectors travelling along the major lakes and rivers of southwestern Yukon in the early 1890's. The original claims recorded in the district were those of prospectors Corwin and Rickman who, in 1893, located antimony showings on Carbon Hill and gold-silver bearing quartz veins at an undisclosed site.

More intensive exploration began in 1906 after the discovery of free gold and gold-silver tellurides on Gold Hill by D. Hadnett and J. Stagar, and the rediscovery of the Corwin-Rickman antimony-silver showings on Carbon and Chieftain Hills. Wagon roads were built along the Wheaton River, Thompson Creek and Stevens Creek to provide access to numerous adits and pits on Mount Anderson. Limited mining of high grade gold and silver bearing ore occurred on the Gold Reef vein at the northeastern end of Gold Hill and on the Becker-Cochran (Whirlwind) property on the west face of Mount Anderson. Adits and shafts on Mount Stevens and Wheaton Mountain were probably exploratory; no record of ore production exists.

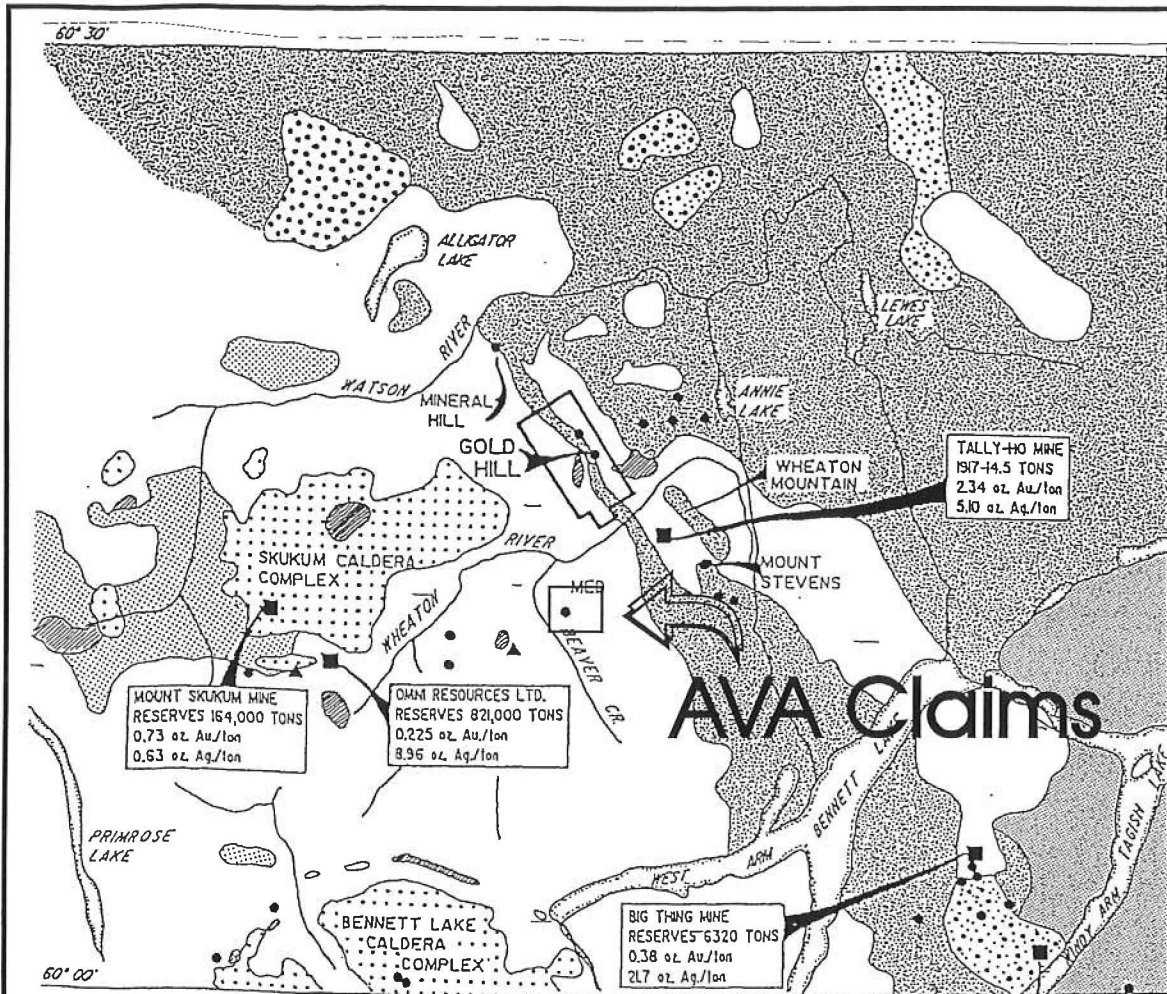
On the area covered by the AVA claims, recent exploration occurred in 1984-1985 when Wheaton River Joint Venture performed prospecting, development, mapping, geochemical and geophysical surveys, and bulldozer trenching and road building. Mineralized quartz veins and stockworks were discovered in several locations along the 5 kilometer long ridge.

GEOLOGY

REGIONAL GEOLOGY

The geology of the Bennett Lake district was initially mapped by D.D. Cairnes of the GSC, published in Memoir 31 (1912); and later by J. Wheeler, published in Memoir 312 (1961). Recently the region has been remapped by R.A. Doherty & C.J.R. Hart and released as Open File 1988-2.

The Wheaton River/Bennett Lake district overlies the boundary between two terranes: (1) the Whitehorse Trough consisting of Mesozoic and Paleozoic folded metavolcanic and metasedimentary rocks, and (2) crystalline rocks of the Coast Plutonic Complex and Yukon Crystalline Terrane, consisting of metasedimentary rocks of the Late Precambrian or Paleozoic Yukon Group intruded and overlain by Mid-Cretaceous granite or granodiorite plutons. Both terranes are intruded and overlain by Early Tertiary volcanic rocks of the Skukum Group. Figure 3 summarizes the regional geology.



AVA Claims

LEGEND

- QUATERNARY
 - MILES CANYON BASALT
- EOCENE
 - SKUKUM GROUP VOLCANICS
 - ▨ SKUKUM GROUP RHYOLITE
- CRETACEOUS
 - COAST PLUTONIC COMPLEX - GRANODIORITE
 - HUTSHI GROUP VOLCANICS
- TRIASSIC TO JURASSIC
 - ▨ WHITEHORSE TROUGH LEWES RIVER GROUP AND LABERGE GROUP
- PERMIAN
 - ▨ TAKU GROUP
- PALEOZOIC OR OLDER (?)
 - ▨ YUKON METAMORPHIC COMPLEX
- ▲ ANTIMONY PROSPECT
- PRECIOUS METALS PROSPECT
- PRECIOUS METALS DEPOSIT

NOTE: MINERAL OCCURRENCES AFTER NORTHERN COROLLERA MINERAL INVENTORY 1986; ARCHER, CATHRO & ASSOCIATES (1981) LTD. GEOLOGY AFTER WHELFER 1981

VENUS MINE RESERVES
 68,000 TONS
 0.32 oz. Au/ton
 8.90 oz. Ag/ton

PROFESSIONAL
 PROVINCE OF BC
 G. C. McDONALD
 BRITISH COLUMBIA
 GEOSCIENTIST



FIGURE 3
REGIONAL GEOLOGY

PROPERTY GEOLOGY

Cretaceous granodiorite talus and outcrop is extensive on Mount Anderson and in the steep walled valleys at the head of Becker Creek. Aplitic and microgranite phases are common.

Typically, the intrusive rock is a homogeneous, medium grained, biotite-hornblende granodiorite or quartz diorite containing minor magnetite. Bulldozer trenching has exposed fresh granodiorite and silicified breccia zones along the western side of Mount Anderson where no outcrop is present.

2012 EXPLORATION PROGRAM

A two-man field crew established two grid lines on September 13th up-slope from an area where mineralized vein float is present. Two parallel grid lines were established 100 meters apart for a length of 250 meters. Eleven samples were collected at 25 meter intervals. Samples were taken from holes dug by mattock to the "B" horizon, where possible, placed into Kraft sample bags and delivered to Acme laboratories in Vancouver, B.C. for analysis. Samples were digested in Aqua Regia and analyzed by ICP Mass Spectrometry with Acme Group IF-MS technique for content of 37 elements. Moderate anomalies occur for silver (L1-2, L2-7) manganese (L1-1, L1-11) and barium (L1-6), but no pattern is present. Soil sample results are presented in Appendix C, and grid lines are shown on Figure 4.

CONCLUSIONS

The 2012 soil survey lines produced a limited area weakly anomalous in silver content. The gridded area should be expanded to test for the source of mineralized quartz vein float found along the western slope of Mount Anderson Ridge.

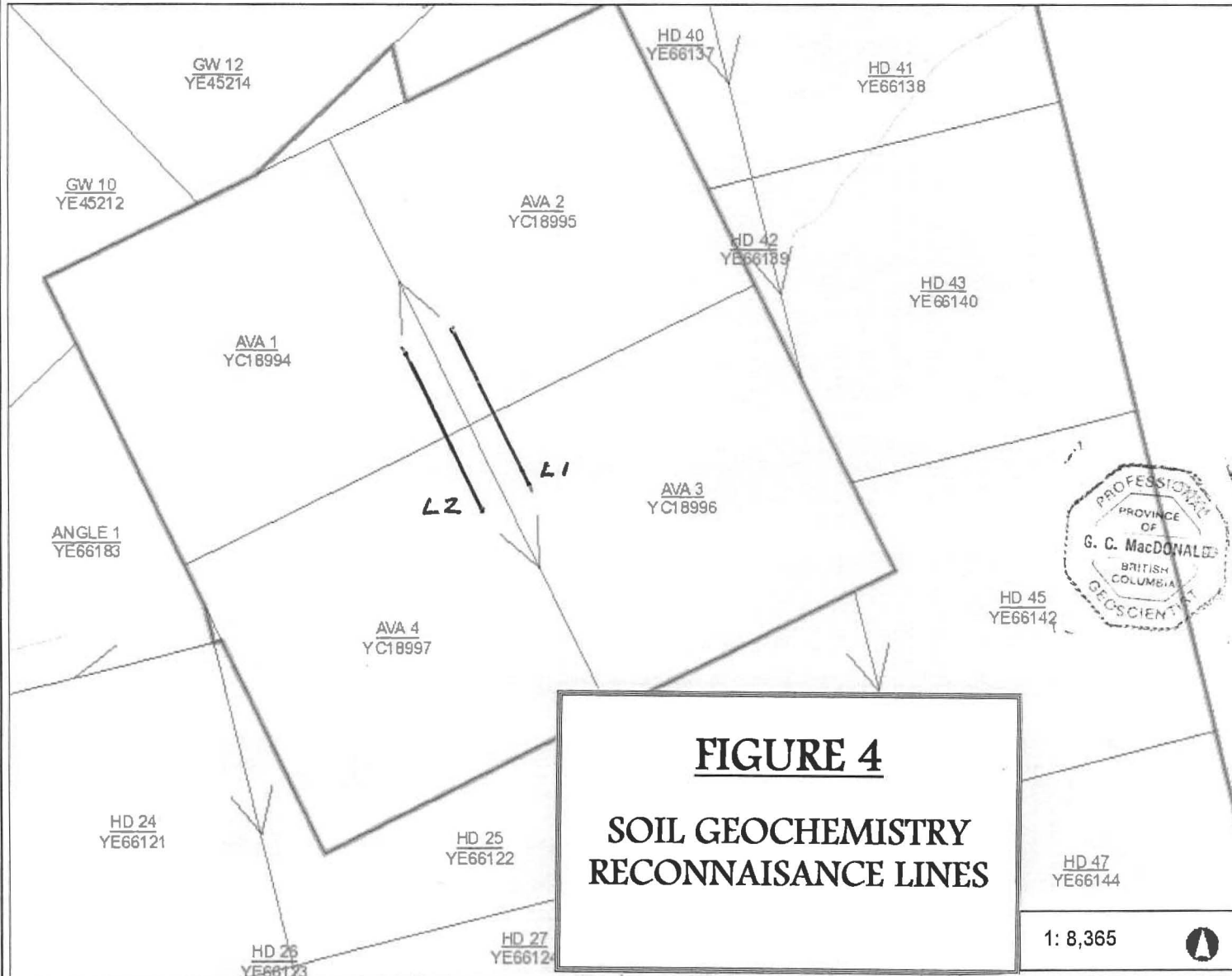
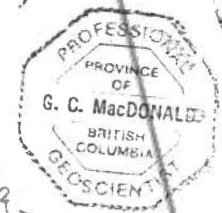
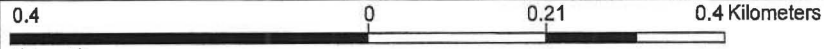


FIGURE 4
SOIL GEOCHEMISTRY RECONNAISSANCE LINES

- Legend**
- New Placer Claims
 - Placer Claims (50K)
 - ▨ Active and Pending
 - ▤ Expired
 - Prospecting Leases
 - Active and Pending
 - ▤ Expired
 - ▨ Adjoin Placer
 - Placer Mining Land Use Permi
 - Class 3
 - Class 4
 - Placer Baselines (50K)
 - Placer Baselines (surveyed)
 - New Quartz Claims
 - Quartz Claims (50K)
 - ▨ Active and Pending
 - ▤ Expired
 - ▨ Quartz Leases (50K)
 - ▨ Adjoin Quartz
 - Quartz Mining Land Use Permi
 - Class 3
 - Class 4
 - Quartz Staking Direction
 - Coal Exploration License
 - ▤ Active and Pending
 - ▤ Expired
 - Coal Mining Lease
 - ▤ Active and Pending



1: 8,365



Notes

APPENDIX A

CERTIFICATE OF QUALIFICATIONS

STATEMENT OF QUALIFICATION

I, GLEN MACDONALD, of #905 - 1600 M Beach Avenue, Vancouver, BC, hereby certify that:

1. I am a graduate of the University of British Columbia with degrees in Economics (B.A., 1971) and Geology (B.Sc., 1973);
2. I have practiced my profession as Geologist since graduation;
3. I have practised Geology as an Independent Consulting Geologist since 1983;
4. I am a member of the Association of Professional Engineers, Geologists and Geophysicists of Alberta (No. 36214);
5. I am a member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia (No. 20464);
6. I personally supervised the work program herein reported.



G. C. Macdonald, P. Geol.

February 2013

APPENDIX B

REFERENCES

REFERENCES

Doherty, R.A. & Hart, C., 1988

Preliminary Geology of Map Sheets 105 D-3 and 105 D-6. Open File 1988-2.

Macdonald, G., 1984:

Geological, Geophysical, Geochemical and Trenching Summary Report on Wheaton River Joint Venture. Private report by G. Macdonald and Associates Ltd., Whitehorse, Yukon.

Morrison, G.W., 1979:

Metallogenic Map, Whitehorse, Yukon. Open File EGS 1979-6, Northern Affairs, Whitehorse.

Pride, M. J. and Clark, G.S., 1985:

An Eocene Isochron for Rhyolite Plugs, Skukum Area, Yukon Territory. Canadian Journal of Earth Sciences, Vol. 22, pages 1747-1753.

Smith, M.J., 1981:

Petrology and Geology of High Level Rhyolite Intrusives of the Skukum Area, 105-D-SW, Yukon Territory. Yukon Exploration and Geology, 1981.

Wheeler, J.O., 1961:

Whitehorse Map Area, Yukon Territory. Geological Survey of Canada Memoir 312 (156 pp).

APPENDIX C

SOIL GEOCHEMICAL ANALYSES RESULTS



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **MacDonald, Glen**
 905 - 1600 M Beach Ave.
 Vancouver BC V6G 1Y7 Canada

Project: None Given
 Report Date: November 16, 2012

Page: 2 of 2 Part: 1 of 1

CERTIFICATE OF ANALYSIS

VAN12005254.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001	
L1-1	Soil	2.05	9.12	14.81	40.5	140	5.0	6.1	2088	1.58	2.7	1.4	1.3	1.5	28.1	0.61	0.44	0.31	37	0.23	0.054
L1-2	Soil	1.18	17.50	16.70	59.2	468	8.3	5.9	705	1.93	3.4	5.7	1.2	0.5	28.1	0.60	0.41	0.26	41	0.33	0.152
L1-3	Soil	1.01	15.76	32.83	109.6	110	11.7	10.7	995	2.67	5.7	1.7	0.9	1.9	20.2	1.12	0.38	0.29	53	0.27	0.071
L1-4	Soil	0.62	14.87	68.91	131.5	161	6.0	11.1	1113	2.61	6.9	2.2	1.0	4.9	23.9	0.46	0.30	0.21	42	0.52	0.097
L1-5	Soil	0.67	14.53	17.09	52.3	141	7.0	9.9	1471	2.34	5.7	2.8	2.2	9.6	26.1	0.33	0.30	0.11	42	0.56	0.070
L1-6	Soil	0.26	11.99	13.69	43.8	85	4.4	11.9	1435	2.23	4.0	2.3	3.0	17.1	33.5	0.12	0.14	0.06	46	0.86	0.092
L1-7	Soil	0.83	13.77	11.48	86.6	140	8.5	8.6	614	2.42	3.3	2.1	0.6	1.7	27.9	0.53	0.37	0.22	51	0.32	0.115
L1-8	Soil	0.72	9.93	12.03	37.4	58	2.1	5.8	489	1.91	3.8	1.2	0.4	4.3	8.5	0.19	0.44	0.20	23	0.11	0.096
L1-9	Soil	1.12	12.56	15.72	73.3	255	8.4	6.6	705	2.36	4.6	1.5	0.5	0.4	25.7	0.43	0.39	0.33	49	0.22	0.108
L1-10	Soil	0.76	7.77	11.09	60.3	125	6.0	8.1	830	2.18	12.2	0.8	1.3	1.8	30.9	0.23	0.66	0.30	47	0.35	0.051
L1-11	Soil	1.70	13.59	23.45	73.6	257	6.3	12.6	3505	1.98	5.7	1.3	0.3	1.5	41.1	0.71	0.54	0.45	46	0.40	0.069
L2-1	Soil	0.94	14.46	14.53	69.2	326	14.1	12.1	886	2.70	4.7	2.2	0.5	2.4	26.8	0.35	0.42	0.19	58	0.32	0.083
L2-2	Soil	0.83	18.47	17.78	82.1	138	14.5	12.0	750	3.08	6.8	2.2	1.6	7.0	24.9	0.45	0.37	0.25	66	0.27	0.070
L2-3	Soil	1.41	18.60	17.77	63.8	389	14.3	11.0	1380	2.35	5.2	3.0	1.1	1.0	32.0	0.40	0.46	0.24	48	0.39	0.138
L2-4	Soil	1.25	11.71	12.74	47.5	154	11.1	10.4	605	2.35	9.3	3.1	2.6	6.4	23.5	0.28	0.36	0.10	38	0.52	0.068
L2-5	Soil	3.96	11.04	16.33	50.3	85	7.8	10.5	607	2.17	19.8	4.2	3.6	14.3	20.7	0.35	0.51	0.11	42	0.42	0.043
L2-6	Soil	0.35	11.83	13.16	51.2	80	5.8	10.6	564	2.50	4.9	3.0	1.4	22.2	38.1	0.20	0.22	0.09	42	0.77	0.076
L2-7	Soil	1.26	15.03	23.34	70.8	619	10.1	9.1	769	2.44	5.7	1.4	0.2	1.5	22.4	0.32	0.37	0.27	51	0.24	0.094
L2-8	Soil	0.99	11.16	16.26	66.8	173	8.7	10.2	1024	2.43	3.6	1.4	0.3	1.0	21.7	0.28	0.31	0.22	51	0.24	0.105
L2-9	Soil	1.05	13.32	13.86	61.7	322	14.1	8.6	763	2.44	3.9	1.1	0.7	0.9	24.0	0.20	0.39	0.29	58	0.21	0.074
L2-10	Soil	1.02	12.21	18.53	68.6	351	10.8	10.9	1383	2.35	4.1	1.2	0.8	0.6	32.3	0.45	0.38	0.26	57	0.32	0.081
L2-11	Soil	0.57	13.76	21.63	70.0	117	12.0	12.3	976	2.92	4.7	2.4	1.4	14.1	39.9	0.32	0.29	0.14	63	0.55	0.074



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **MacDonald, Glen**
 905 - 1600 M Beach Ave.
 Vancouver BC V6G 1Y7 Canada

Project: None Given
 Report Date: November 16, 2012

Page: 2 of 2

Part: 2 of 1

CERTIFICATE OF ANALYSIS

VAN12005254.1

Method	Analyte	Unit	MDL	1F La	1F Cr	1F Mg	1F Ba	1F Ti	1F B	1F Al	1F Na	1F K	1F W	1F Sc	1F Ti	1F S	1F Hg	1F Se	1F Te	1F Ga
				ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
				0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
L1-1	Soil			9.4	9.2	0.24	391.3	0.028	<20	0.87	0.008	0.08	0.3	1.9	0.09	0.06	60	0.2	<0.02	4.3
L1-2	Soil			27.0	13.7	0.42	528.9	0.006	<20	1.79	0.009	0.06	0.1	0.7	0.11	0.14	66	0.2	<0.02	4.8
L1-3	Soil			23.2	16.3	0.78	525.5	0.013	<20	1.89	0.007	0.10	0.2	2.2	0.04	0.04	25	<0.1	0.04	6.0
L1-4	Soil			26.2	8.8	0.74	822.1	0.002	<20	1.99	0.006	0.08	0.1	2.9	0.22	0.02	20	<0.1	<0.02	4.7
L1-5	Soil			33.7	10.2	0.70	720.8	0.003	<20	1.61	0.005	0.10	<0.1	5.8	0.09	<0.02	11	<0.1	<0.02	4.6
L1-6	Soil			30.6	6.8	0.63	1159	<0.001	<20	1.43	0.003	0.10	<0.1	6.8	0.10	0.02	23	<0.1	<0.02	4.1
L1-7	Soil			16.1	13.2	0.76	392.6	0.015	<20	1.56	0.008	0.08	0.1	2.0	0.07	0.05	19	<0.1	<0.02	5.7
L1-8	Soil			15.7	2.9	0.29	607.7	<0.001	<20	1.54	0.002	0.08	0.3	1.6	0.28	0.05	21	<0.1	<0.02	3.1
L1-9	Soil			11.4	14.4	0.51	399.7	0.010	<20	1.73	0.006	0.07	0.1	0.9	0.12	0.08	42	0.1	<0.02	6.8
L1-10	Soil			12.4	9.7	0.65	518.6	0.019	<20	1.21	0.007	0.11	0.2	2.0	0.07	0.03	29	<0.1	<0.02	5.7
L1-11	Soil			11.1	10.1	0.32	818.7	0.032	<20	0.91	0.008	0.11	0.4	2.0	0.13	0.05	43	<0.1	0.03	5.5
L2-1	Soil			19.1	18.3	0.91	345.7	0.018	<20	1.84	0.008	0.07	0.1	3.0	0.09	0.04	29	<0.1	<0.02	6.3
L2-2	Soil			20.1	18.0	0.98	373.0	0.016	<20	2.49	0.009	0.12	0.1	5.0	0.14	0.03	26	<0.1	<0.02	7.6
L2-3	Soil			21.2	19.0	0.65	456.9	0.009	<20	2.15	0.010	0.07	0.1	1.4	0.16	0.11	42	<0.1	0.03	5.5
L2-4	Soil			28.6	15.6	0.95	403.3	0.005	<20	1.79	0.005	0.08	0.1	3.5	0.14	<0.02	14	<0.1	<0.02	4.9
L2-5	Soil			30.3	10.9	0.66	402.8	0.006	<20	1.44	0.005	0.09	0.1	3.8	0.15	<0.02	15	<0.1	<0.02	4.9
L2-6	Soil			33.0	7.6	0.70	462.3	0.003	<20	1.78	0.005	0.09	<0.1	4.9	0.08	<0.02	12	<0.1	<0.02	4.5
L2-7	Soil			15.0	14.7	0.72	470.8	0.007	<20	1.93	0.009	0.07	0.1	1.9	0.16	0.07	37	<0.1	0.04	6.1
L2-8	Soil			13.7	14.9	0.75	389.6	0.013	<20	1.68	0.010	0.06	0.1	1.7	0.14	0.05	22	<0.1	0.04	6.2
L2-9	Soil			12.6	22.6	0.70	406.2	0.018	<20	1.73	0.008	0.07	0.2	1.9	0.13	0.05	31	<0.1	<0.02	7.0
L2-10	Soil			16.0	16.3	0.65	587.5	0.017	<20	1.65	0.009	0.07	<0.1	1.5	0.14	0.06	35	<0.1	0.04	6.7
L2-11	Soil			25.5	15.3	1.14	587.6	0.016	<20	2.23	0.009	0.09	<0.1	6.1	0.10	<0.02	11	<0.1	<0.02	7.0



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: MacDonald, Glen
 905 - 1600 M Beach Ave.
 Vancouver BC V6G 1Y7 Canada

Project: None Given
 Report Date: November 16, 2012

Page: 1 of 1

Part: 1 of 1

QUALITY CONTROL REPORT

VAN12005254.1

Method	Analyte	Unit	MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F			
				Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
				ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
				0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Pulp Duplicates																							
L2-11	Soil			0.57	13.76	21.63	70.0	117	12.0	12.3	976	2.92	4.7	2.4	1.4	14.1	39.9	0.32	0.29	0.14	63	0.55	0.074
REP L2-11	QC			0.62	13.46	20.54	68.8	108	11.9	12.5	978	2.90	4.7	2.2	1.6	11.4	39.5	0.34	0.30	0.17	61	0.54	0.075
Reference Materials																							
STD DS9	Standard			12.49	114.3	147.4	349.6	2183	41.1	8.1	607	2.31	26.6	3.0	134.3	7.2	73.7	2.57	5.72	7.72	47	0.69	0.094
STD OREAS45EA	Standard			1.67	823.0	16.01	32.8	284	449.8	54.0	442	23.54	10.6	2.1	63.3	11.7	3.6	0.04	0.29	0.28	359	0.04	0.032
STD DS9 Expected				12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
STD OREAS45EA Expected				1.78	709	14.3	30.6	311	357	52	400	22.65	11.4	1.73	53	10.7	4.05	0.03	0.64	0.26	295	0.032	0.029
BLK	Blank			<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: MacDonald, Glen
 905 - 1600 M Beach Ave.
 Vancouver BC V6G 1Y7 Canada

Project: None Given
 Report Date: November 16, 2012

Page: 1 of 1

Part: 2 of 1

QUALITY CONTROL REPORT

VAN12005254.1

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
Pulp Duplicates																		
L2-11	Soil	25.5	15.3	1.14	587.6	0.016	<20	2.23	0.009	0.09	<0.1	6.1	0.10	<0.02	11	<0.1	<0.02	7.0
REP L2-11	QC	23.7	15.4	1.15	581.8	0.016	<20	2.23	0.009	0.09	0.3	6.0	0.11	<0.02	14	<0.1	<0.02	6.8
Reference Materials																		
STD DS9	Standard	12.6	119.3	0.61	342.8	0.107	<20	0.91	0.080	0.39	3.4	2.6	6.40	0.17	240	6.1	5.35	4.5
STD OREAS45EA	Standard	7.4	892.5	0.11	158.7	0.094	<20	3.00	0.023	0.05	<0.1	86.0	0.06	0.04	10	0.5	0.10	13.4
STD DS9 Expected		13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59
STD OREAS45EA Expected		8.19	849	0.095	148	0.106		3.32	0.027	0.053		78	0.072	0.044	340	2.09	0.11	11.7
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1

APPENDIX D

STATEMENT OF COSTS

STATEMENT OF COSTS

Truck Rental (Driving Force).....	\$ 458.00
Hotel (Gold Rush Inn).....	362.10
Analytical Cost (Acme).....	426.80
Labor (2 m.d. @ \$350.00).....	700.00
Fuel, Food, Supplies.....	<u>100.00</u>
TOTAL	<u>\$ 2,046.90</u>