

**ASSESSMENT REPORT
on the
LAPPIE RIVER GROUP**

**SOUTHEASTERN YUKON
NTS 105F/10 SEAGULL-KETZA AREA
SOUTH CANOL ROAD**

for the

**NORTH OF 60 SYNDICATE
602-595 Howe Street,
Vancouver, BC
V6C 2T5**

by

**J. T. Shearer, M.Sc., P.Geo. (BC & Ontario)
Geologist
Unit 5 – 2330 Tyner Street,
Port Coquitlam, BC
V3C 2Z1
Phone: 604-970-6402**

January 6, 2013

Fieldwork completed August 14 and August 18, 2011

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SUMMARY

In the fall of 2010, following several highly encouraging news releases from companies such as ATAC Resources, amongst others, regarding new gold discoveries from the Central Yukon within the Selwyn Basin, a grassroots exploration program was formulated to investigate similar rocks and structures in southeast Yukon and northeast British Columbia.

Following discussions with several close associates and persons knowledgeable with the Yukon, regarding grass roots prospecting and acquisition of mineral claims in the Yukon for a syndicate-investment group a basic strategy, based on past mineral exploration experience, that claims should be staked in a region with favourable geology hosting known mineral occurrences. One favourable mineral-geological region geographically occurs along the headwaters of Porcupine Creek and Seagull Lakes. This area is also geologically referred to as the 'Seagull-Ketza mineral region' by the Yukon Geological Survey (YGS) and was at one point, one of the hottest exploration regions in the Yukon for epigenetic Pb-Zn-Ag-Au vein type and Mississippi Valley type Pb-Zn-Ag environments.

Sampling in the Lappie River Area returned zinc values of 10.45% Zn and up to 29.2% Zn in grabs

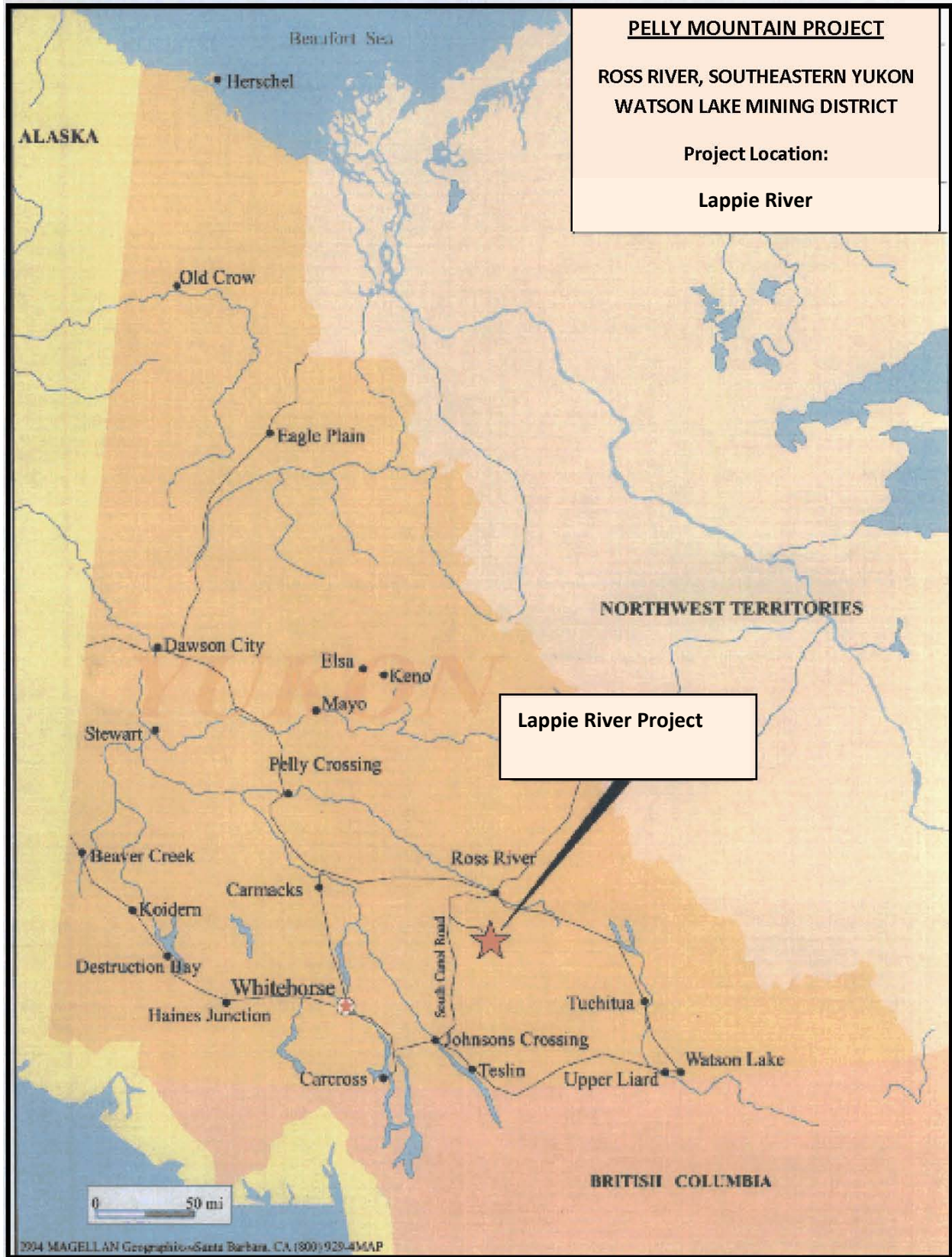


Figure 1 Location Map

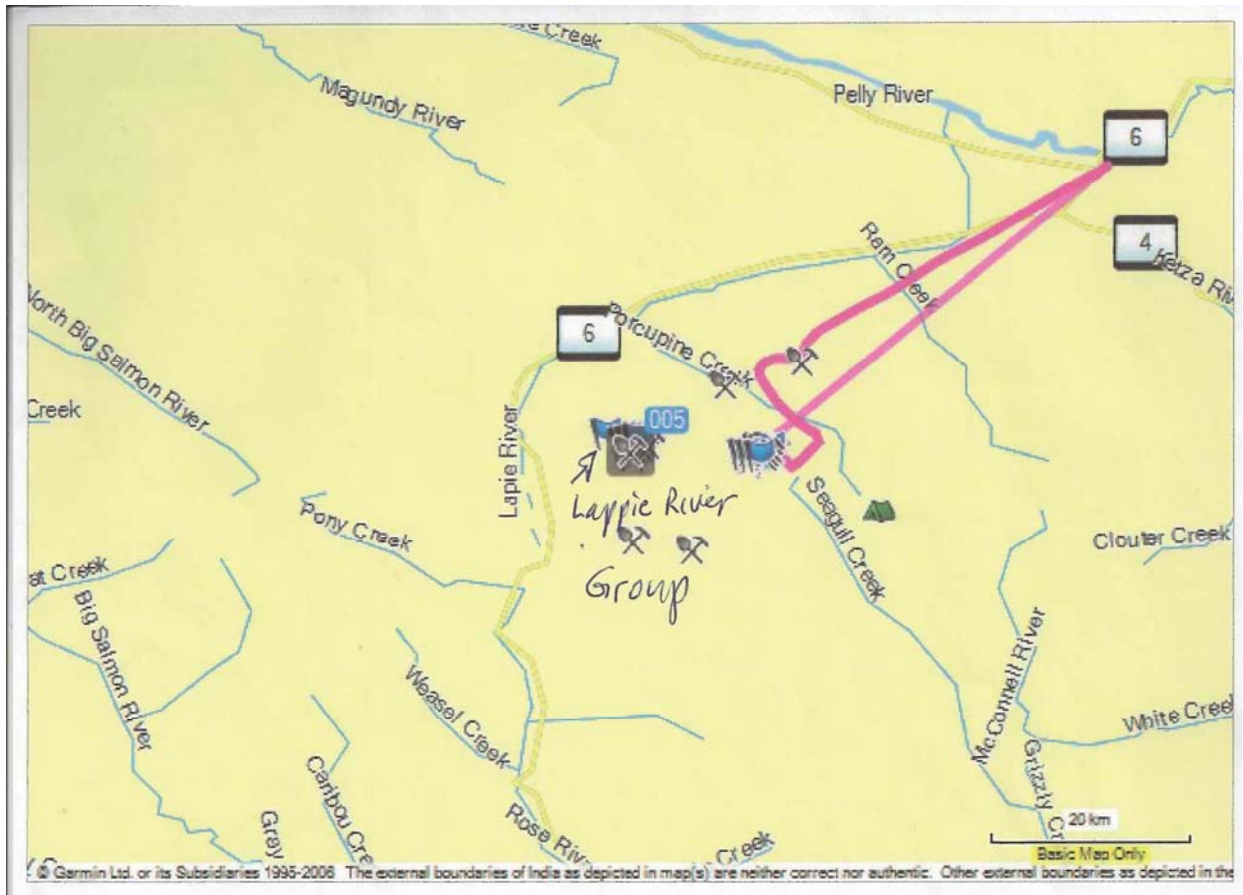


Figure 1a Detail Location, Garmin

INTRODUCTION

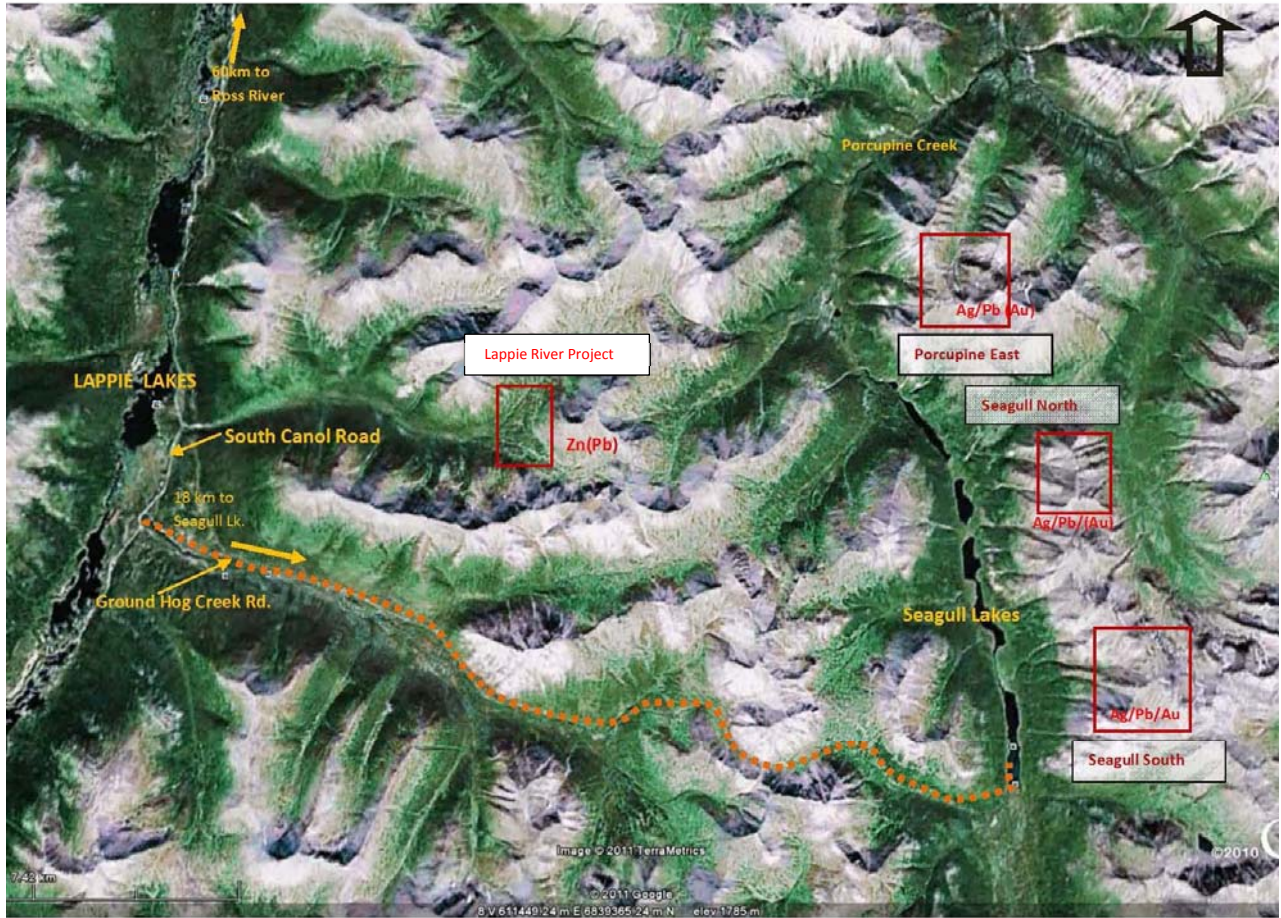
Regionally, the 'Seagull-Ketza district' (Abbot, 1986) is host to numerous precious and base metal occurrences including the Ketza River gold mine (see attached pdf Quiet Lake map). The Seagull Lakes and Creek valley represents a major northwest trending transpressional, second order fault juxtaposing 2 major different rock types. To the northwest miogeosynclinal, passive margin shelf sediments which host predominately Pb-Zn-Ag Sedex and Mississippi Valley type mineralization. To the northeast of the fault rocks are predominately of volcanic origin intruded by alkali composition stocks hosting mainly epigenetic vein (quartz-As-Pb-Zn-Ag-Au) type mineralization.

Historically, Creek Seagull Lakes drainage system including the headwaters of the Porcupine and Groundhog creeks, have experienced sporadic mineral exploration from the 1950s to modern times. Presently, several junior mining companies are exploring the western and southern portions of Seagull Creek for its' gold and silver potentials. During the 1970s, a number of major mining companies were attracted to this region such as Cominco and Noranda which undertook seasonal exploration surveys orientated toward the search of Mississippi valley type and Kuroko, massive sulphide volcanic type environments. Numerous mineral occurrences were discovered during this period.

The Seagull Creek area is known to host at least 19 documented historical occurrences consisting of veins, skarns, breccia pipes, disseminated pyrite gossans, stockworks and replacement mantos in volcanic, sediments and carbonates associated with Mississippian age syenite bodies.



Figure 2 Access Map



ACCESS TO PORCUPINE & SEAGULL PROJECT SITES
 (18 km to Seagull Lakes via Ground Hog Exploration access road – 38 km due SW via helicopter to Seagull South from Ross River)

Figure 2a

LOCATION and ACCESS

The reconnaissance project is located in southeastern Yukon some 35-46 air kilometres due south of the community of Ross River and Robert Campbell Highway and about 170 kilometres due northeast of the city of Whitehorse. Two separate small claim blocks staked occur along the headwaters of Porcupine Creek, a north-westerly flowing tributary and drainage system of the Lappie River.

The claims are named 'First 1 through to First 19'. First 1-9 claims are staked over a known lead-zinc occurrence initially discovered by Cominco Ltd. (now Teck-Cominco) in 1976. This claim block is referred to as 'Porcupine West' project and is situated near the headwaters of a small stream which empties into the Lappie River located about 8-9 west of the river and South Canal road.

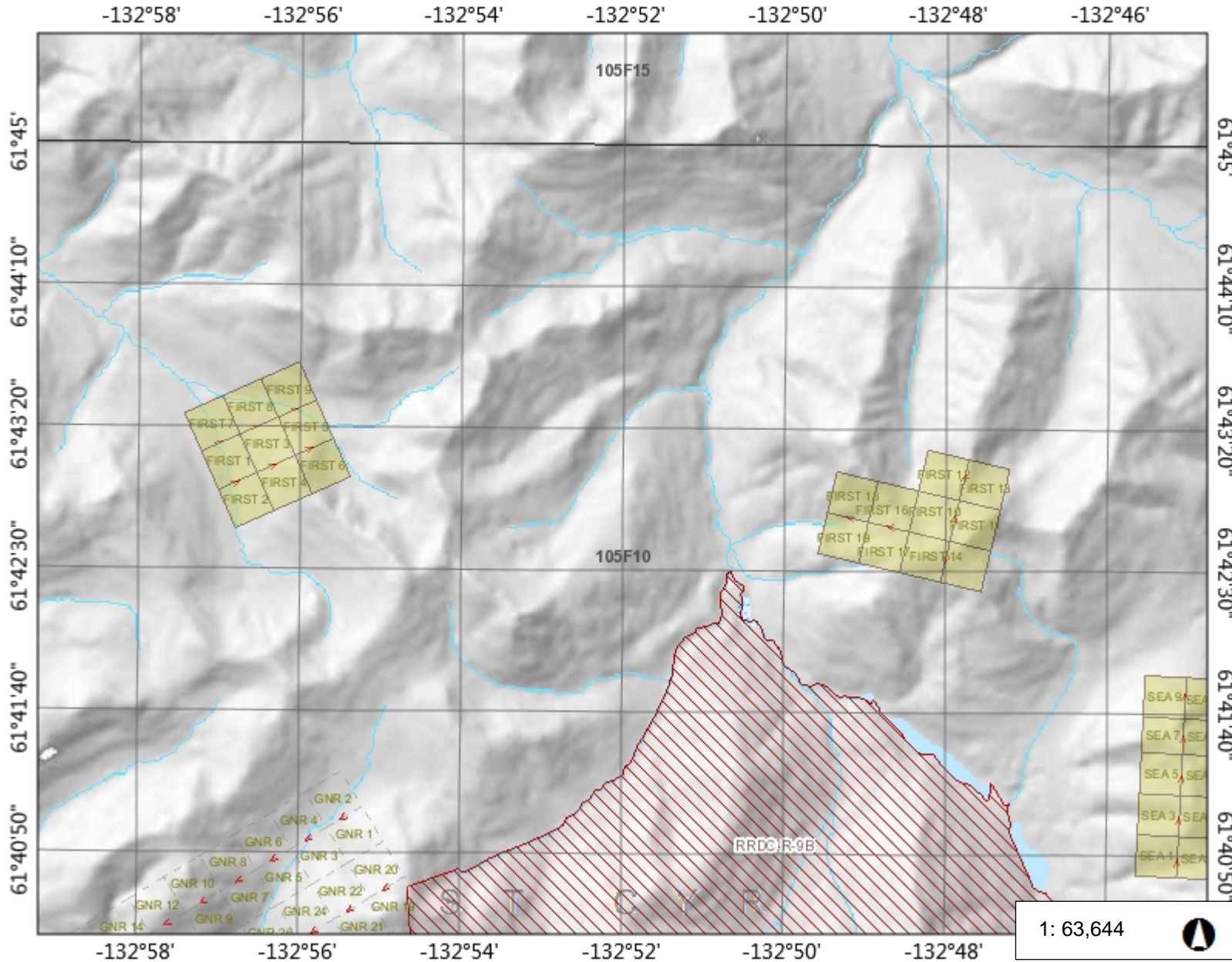
CLAIM STATUS

Claim Name	Tenure #	Date Recorded	*Current Expiry Date	NTS	Owner
First 1	YE20821	August 12, 2011	August 12, 2017	105F/10	J. T. Shearer
First 2	YE20822	August 12, 2011	August 12, 2017	105F/10	J. T. Shearer
First 3	YE20823	August 12, 2011	August 12, 2017	105F/10	J. T. Shearer
First 4	YE20824	August 12, 2011	August 12, 2017	105F/10	J. T. Shearer
First 5	YE20825	August 12, 2011	August 12, 2017	105F/10	J. T. Shearer
First 6	YE20826	August 12, 2011	August 12, 2017	105F/10	J. T. Shearer
First 7	YE20827	August 12, 2011	August 12, 2017	105F/10	J. T. Shearer
First 8	YE20828	August 12, 2011	August 12, 2017	105F/10	J. T. Shearer
First 9	YE20829	August 12, 2011	August 12, 2017	105F/10	J. T. Shearer

* with application of work documented in this report

Filed August 13, 2012. % years on all claims, at least \$8,000. 9 claims x 5 x 100 = \$4,500.

Yukon Mining Viewer



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 (unsurveyed)
- 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

Notes

3.2 0 1.62 3.2 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: 15-Nov-2013

HISTORY

Regionally, the 'Seagull-Ketza district' (Abbott, 1986) is host to numerous precious and base metal occurrences. The valley along which Seagull Lakes and Seagull Creek occupy represents a major northwest trending transpressional second order fault, juxtaposing 2 major different rock types. To the northwest miogeosynclinal, passive margin shelf sediments which host predominately Pb-Zn-Ag Sedex and Mississippi Valley type mineralization. To the northeast of the fault rocks are predominately of volcanic origin intruded by alkalic composition stocks hosting mainly epigenetic vein (quartz-As-Pb-Zn-Ag-Au) type mineralization. The Seagull North mineral claims cover such vein mineralization.

The Seagull Creek area is known to host at least 19 documented historical occurrences consisting of veins, skarns, breccia pipes, disseminated pyrite gossans, stockworks and replacement mantos in volcanic, sediments and carbonates associated with Mississippian age syenite bodies.

The Seagull North property covers known historical mineral occurrences referred to in the YGS minfile as 105F 026. The occurrence is very briefly documented as veinlets containing sphalerite and galena hosted in Mississippian stocks and associated felsic tuffs. Very limited exploration work was ever conducted over the mineral showings.

Four (4) km to the south on trend with the above claims, minfile 105F 023, quartz-pyrrhotite veins carry gold mineralization. Diamond drilling carried out in 2004 on the south end of the property, taking into account the western dip of the mineralization, successfully intersected quartz-pyrrhotite veins in eight of the nine holes drilled. Some of the better intersections were hole 5 which returned 2.0 g/t gold over 10.52 m, hole 2 which returned 3.96 g/t gold over 10.5 m and hole 4 which returned 3.0 g/t gold over 11.0 m. Airborne geophysical interpretation suggests underlying buried intrusive.

First 1-9 claims are staked over a known lead-zinc occurrence initially discovered by Cominco Ltd. (now Teck-Cominco) in 1976. This claim block is referred to as 'Porcupine West' project and is situated near the headwaters of a small stream which empties into the Lappie River located about 8-9 west of the river and South Canol road.

GEOLOGY

The northwest-striking Tintina fault is one of the most prominent physiographic and geologic features in Yukon. It is dextral strike-slip fault with about 430-450 km of Paleogene displacement. It generally separates rocks of Ancestral North American affinity to the northeast from those of the allochthonous Intermontaine terranes to the southwest; except in the southeast Yukon, where the Tintina fault has shuffled this order and the allochthonous Yukon-Tanana and Slide Mountain terranes lie northeast of the fault, and parautochthonous rocks of Cassiar terrane underlie the Pelly Mountains of the southwest.

In the northern Pelly Mountains of central Yukon lies a 60km wide sliver of thick carbonate formations, the Cassiar terrane (or platform). It is a fragment of the continental margin shunted 430-490km northwest by the Tintina fault.

The Ketzia-Seagull mineral district and associated mineral occurrences lie southwest of the Tintina fault. Ketzia-Seagull district is underlain by thick (400m or greater) successions of miogeoclinal clastic, volcanic and carbonate rocks, ranging in age from Upper Proterozoic to Mississippian that were deformed during Mesozoic arc-continental collisions and mid-Cretaceous intrusions. A series of thrust faults combined crustal shortening associated with the Seagull Uplift has resulted in older rocks being thrust overtop younger rocks. The Seagull Uplift is thought to be uplift above one or more buried Cretaceous intrusions.

The Ketzia Uplift is associated with structurally gold mineralization thought to be the result of ascending ore fluids along extensional structures related to a possible underlying intrusion(s). A similar event, possibly related with the Seagull Uplift may be responsible for the epigenetic vein mineralization found in the Seagull Creek area. The Porcupine East claim block covers a system of sulphide-bearing veins that may be related to such a mineralized event.

The attached geology map (Figure 4) approximately outlines the spatial relationship of the Ketzia and Seagull uplifts, underlying geology and related mineral occurrences.



Photo 1: A number of old pits found at the western end of the zone. All these pits did not reach bedrock and suggest frost heave angular boulders probably close to bedrock. A pit from this approximate area had a historical assay of 34% Zn and 0.8% Pb.

Samples collected from this site contain abundant fine sphalerite hosted in buff weathered, ankeritic dolomite breccia.

The following photos show the area staked, mineralization and outline general geology encountered.

Lappie River Project:



Photo 2: Fly Camp – Lappie River Project – looking easterly (Ordovician-Silurian phyllites in background). Looking toward Zinc-Lead anomaly.



Photo 3: Looking Easterly – General geology of Lappie River Zone showing approximate trace of historical Pb-Zn geochemical outlined by Cominco (1977). Zone is traceable for at least 600 m along a northeasterly trend and up to 250 m wide with zinc values as high as 2,050 ppm and lead up to 290 ppm.

The mineralized zone occurs below a tectonic thrust fault possibly may be structurally-stratabound controlled. Phyllite structurally overlie the dolomite which is a host to the lead-zinc mineralization.

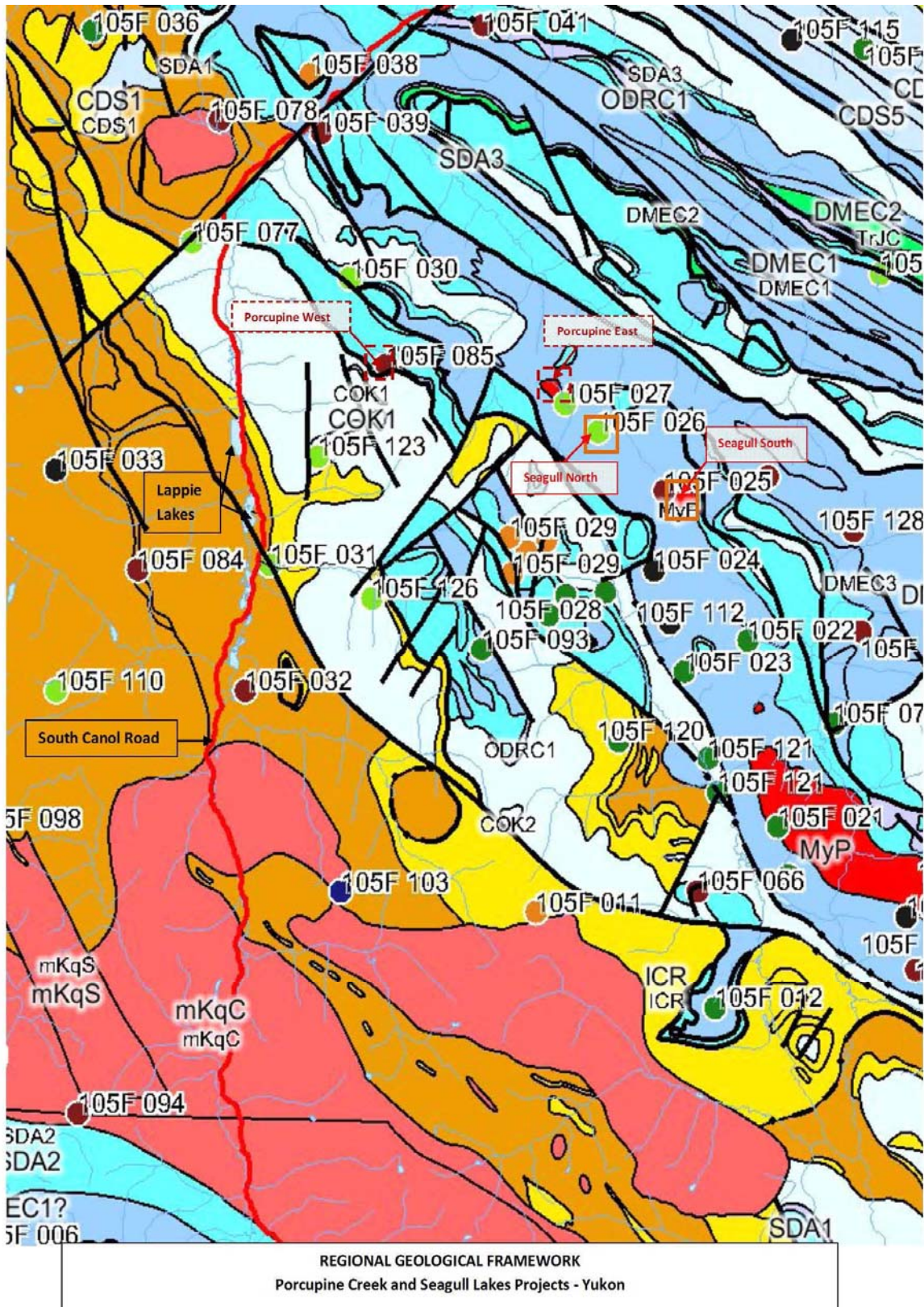


Figure 4

EXPLORATION in 2011

Work on the Lappie River Project consisted of prospecting, locating previously excavated trenches, soil sampling (14 samples) silt sampling (4 samples) and rock chip sampling (12 samples).

Soil samples (Figure 5) show results up to 1295 ppm As and 235 ppm Zn. The arsenic content appears somewhat anomalous for this geological environment.

Rock samples of mainly float also returned several samples with >10,000 ppm arsenic, copper up to 174 ppm, 8,500 ppm Pb (1.02% Pb) and 1.190% Zn.

Sampling in the Lappie River Area returned zinc values of 10.45% Zn and up to 29.2% Zn in grabs



Legend

FR110-335 Sample # and Result Zinc in ppm

Figure 5 Soil Results

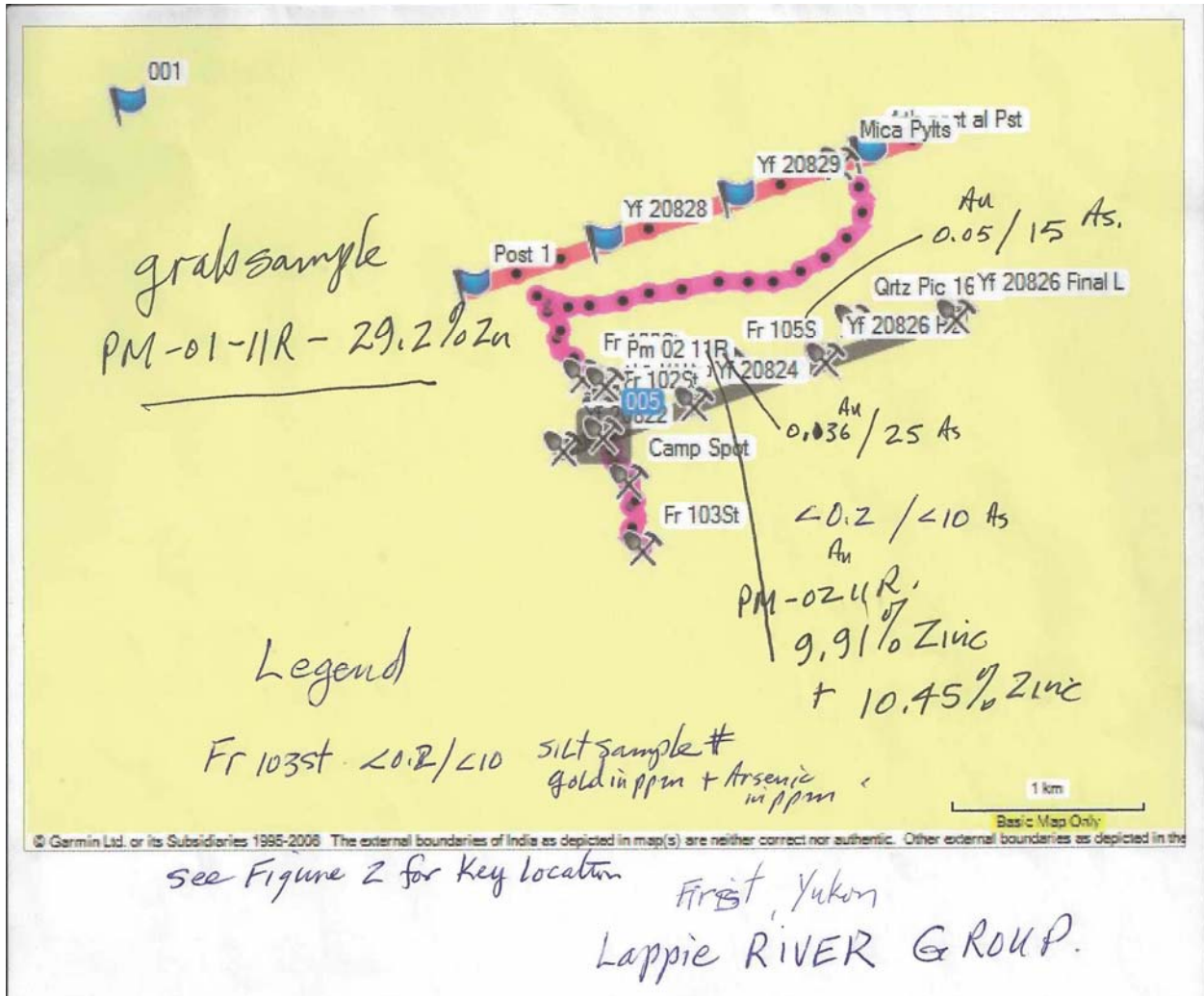


Figure 6

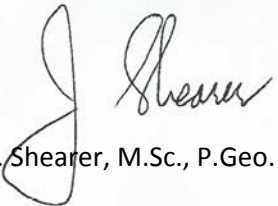
CONCLUSIONS and RECOMMENDATIONS

The east portion of the property is underlain by limy phyllite and interbedded grey limestone and black fissile shale and/or slate. The rocks tightly folded about an axis that strikes 024° and plunges 10° to the north. Bedding strikes approximately 000° to 028° and dip to the east at 60° to 80°.

In the current 2011 program the available rock exposures were prospected. Rocks encountered consisted of grey to black shale, phyllite and limey phyllite and limestone.

Sampling in the Lappie River Area returned zinc values of 10.45% Zn and up to 29.2% Zn in grabs

Respectfully submitted,

A handwritten signature in black ink, appearing to read "J. T. Shearer". The signature is written in a cursive style with a large, stylized initial "J".

J. T. Shearer, M.Sc., P.Geo. (BC & Ontario)

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APPENDIX I

STATEMENT of QUALIFICATIONS

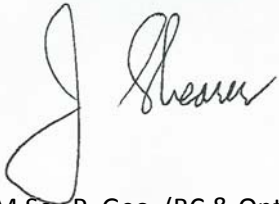
January 6, 2013

STATEMENT of QUALIFICATIONS

I, Johan T. Shearer of Unit 5 – 2330 Tyner Street, in the City of Port Coquitlam, in the Province of British Columbia, do hereby certify:

1. I graduated in Honours Geology (B.Sc., 1973) from the University of British Columbia and the University of London, Imperial College, (M.Sc. 1977).
2. I have practiced my profession as an Exploration Geologist continuously since graduation and have been employed by such mining companies as McIntyre Mines Ltd., J.C. Stephen Explorations Ltd., Carolin Mines Ltd. and TRM Engineering Ltd. I am presently employed by Homegold Resources Ltd.
3. I am a fellow of the Geological Association of Canada (Fellow No. F439). I am also a member of the Canadian Institute of Mining and Metallurgy, the Geological Society of London and the Mineralogical Association of Canada. I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia (P.Geo., Member Number 19,279).
4. I am an independent consulting geologist employed since December 1986 by Homegold Resources Ltd. At Unit #5 2330 Tyner Street, Port Coquitlam, British Columbia.
5. I am the author of the report entitled “Assessment Report on the Lappie River Group” dated January 6, 2013.
6. I have visited the property between June 14 and 18, 2011 and supervised the crew. I have carried out mapping and sample collection and am familiar with the regional geology and geology of nearby properties. I have become familiar with the previous work conducted on the Lappie River Project by examining in detail the available reports and maps and have discussed previous work with persons knowledgeable of the area.

Dated at Port Coquitlam, British Columbia, this 6th day of January, 2013.



J.T. Shearer, M.Sc., P. Geo. (BC & Ontario)

APPENDIX II

STATEMENT of COSTS

JANUARY 6, 2013

STATEMENT of COSTS

	Without GST/HST
Wages	
J.T. Shearer, M.Sc., P.Geo., (refer to timesheet)	
1 day @ \$700/day, August 14, 2011	\$ 700.00
D. G. Cardinal, B.Sc., P.Geo.	
5 day @ \$650/day, August 14 to 18, 2011	3,250.00
Subtotal	<u>\$ 3,950.00</u>
Expenses	
Transportation:	
2 Trucks, fully equipped 4x4, in Yukon Only, 6 days @ \$120/day	720.00
Fuel	325.75
Camp & Meals	1,061.00
Helicopter	2,000.00
R. Olynyk	1,750.00
Field Supplies	310.00
Analytical – 14 soils + 12 rocks + 4 silts	520.00
Report Preparation	1,400.00
Word Process and Reproduction,	300.00
Subtotal	<u>\$ 8,386.75</u>
Total	\$ 12,336.75

APPENDIX III

ASSAY CERTIFICATES

JANUARY 6, 2013

ALS Geochemistry

WH11156476 - Finalized

CLIENT : "MWE - Homegold Resources Ltd."

of SAMPLES : 8 *rocks*

DATE RECEIVED : 2011-08-15 DATE FINALIZED : 2011-09-19

PROJECT : " "

CERTIFICATE COMMENTS : ""

PO NUMBER : " "

SAMPLE DESCRIPTION	Au- Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	
FR001F	0.006		0.4	0.1	15 <10		30 <0.5	<2	>25.0		1	13	1
FR002F	0.007	<0.2		0.05	8 <10		20 <0.5	<2		3.06	0.7	1	8
FR003F	0.048		18.5	0.19	>10000 <10		40 <0.5		4	5.16	116	7	4
FR-104F	not received												
FR-105F	not received												
FR-106F	0.012	<0.2		2.79	77 <10		60 <0.5		4	0.75 <0.5		256	36
FR-107F	0.013		9.8	0.46	>10000 <10		170 <0.5	<2		3.82	39.8	11	5
FR-108F	0.033		7.6	0.03	>10000 <10		20 <0.5	<2		1.54	18	6	6
FR-109F	<0.005		1.2	0.75	84 <10		10 <0.5		3	0.36 <0.5		61	15
FR111F	<0.005		2.4	1.02	159 <10		20 <0.5		39	2.86 <0.5		14	6
FR114C	<0.005		0.4	3.02	15 <10		160	0.8	2	8 <0.5		20	22
FR115C	<0.005		0.3	2.37	20 <10		160	0.7 <2		2.96 <0.5		8	3

ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	
ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	
1	0.66	<10	<1		0.02	<10	0.59	232	<1	0.04	43	30	8	0.38
2	0.9	<10	<1		0.02	<10	1.59	514	1	0.01	6	50	5	0.05
174	4.62	<10	<1		0.13	10	0.32	11100	1	0.02	<1	130	3910	2.96
92	17.8		10	<1	0.86	<10	2.2	560	7	0.03	314	2650	149	>10.0
18	3.63	<10	<1		0.26	10	1.1	5470	<1	0.02	2	1690	8500	1.51
23	6.61	<10	<1		0.02	<10	0.3	4580	<1	0.01	<1	30	1765	3.58
101	6.34	<10	<1		0.13	30	0.44	294	6	0.11	30	610	216	1.6
39	4.54		10	<1	0.12	10	2.09	764	2	0.01	9	350	49	0.73
70	5.94		10	<1	1.03	10	2.46	1986	1	0.14	14	1170	10	2.06
62	4.74		10	<1	0.87	20	1.54	992	3	0.12	1	1370	6	1.2

ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Pb-OG56	Zn-OG46
Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn	
ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm				
<2	<1	809	<20	<0.01	<10		40	1	<10				
<2	<1	58	<20	<0.01	<10	<10		9	<10				
	61	<1	109	<20	<0.01	<10		1	<10	>10000		1.19	
<2		2	11	<20	0.17	<10	<10	45	<10		41		
	6	1	130	<20	<0.01	<10	<10	10	<10		3090		
	29	<1	47	<20	<0.01	<10	<10	1	<10		1410		
<2		1	11	<20	<0.01	<10	<10	11	<10		60		
<2		3	109	<20	<0.01	<10	<10	25	<10		109		
<2		6	136	<20	0.15	<10	<10	51	<10		81		
<2		1	66	<20	0.08	<10	<10	11	<10		47		

ALS Geochemistry

WH11156477 - Finalized

CLIENT : "MWE - Homegold Resources Ltd."

of SAMPLES : 16 *soils*

DATE RECEIVED : 2011-08-15 DATE FINALIZED : 2011-09-16

PROJECT : " "

CERTIFICATE COMMENTS : ""

PO NUMBER : " "

	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Fr 104s	0.005	0.4	0.59	353	<10	70	2.4	2	10.9	7.2	36	10	
Fr 105S	<0.005	1.1	0.67	15	<10	60	0.7	2	2.13	1.5	14	10	
Fr 107S	0.006	1.3	1.36	637	<10	120	1	3	2.34	3.2	29	14	
Fr 108S	0.009	0.5	2.53	1295	<10	680	1 <2		1.78	1.5	33	10	
Fr 109S	0.006	0.6	2.82	904	<10	570	0.7 <2		1.4	1.1	23	7	
Fr 110S	0.012	1.3	2.52	1290	<10	460	0.9 <2		1.37	2.4	31	15	
Fr 112S	0.005	1.1	1.03	181	<10	220	1.4	18	1.25	2.3	31	21	
Fr 113S	0.006	1	0.92	473	<10	210	1.2	8	0.04	<0.5	16	4	
Fr 116S	<0.005	0.3	1.06	41	<10	120	1.2	6	0.11	<0.5	13	7	
Fr 118S	<0.005	1.3	0.73	90	<10	140	1	6	0.54	2	17	11	
Fr 119S	<0.005	0.6	0.83	39	<10	150	0.9 <2		1.61	0.5	15	8	
Fr 120S	<0.005	0.3	2.37	32	<10	330	1.3 <2		2	1.7	40	122	
Fr 121S	<0.005	0.3	1.01	133	<10	160	1.2	2	1.66	<0.5	12	31	
Fr 122S	<0.005	0.3	0.57	323	<10	140	0.9 <2		0.45	1	15	15	

ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	
ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	
	17	6.7 <10	<1		0.03	10	5.7	1445	55	0.02	98	570	74
	43	3.52 <10	<1		0.05	30	0.61	336	12	0.01	56	1220	106
	73	6.62 <10	<1		0.12	40	0.8	1285	8	0.02	35	2110	174
	27	7.94	10	1	0.18	50	2.17	2070	7	0.02	12	5220	125
	22	6.96	10	1	0.16	50	2.46	1885	3	0.02	11	4770	138
	40	7.72	10 <1		0.14	50	2.42	2070	4	0.02	25	4440	235
	56	7.22 <10	<1		0.16	50	0.74	1175	19	0.02	59	1630	47
	228	11.5 <10	<1		0.37	50	0.25	554	15	0.09	12	1390	15
	40	6 <10	<1		0.15	40	0.33	1085	7	0.02	14	1130	14
	38	4.92 <10	<1		0.09	40	0.31	1145	7	0.02	29	870	51
	33	5.1 <10	<1		0.17	50	0.76	1180	11	0.02	31	1160	21
	91	6.16	10	1	0.57	40	2.43	1660	3	0.02	104	2510	114
	35	3.99 <10	<1		0.31	50	0.63	1215	6	0.02	24	980	24
	32	4.83 <10	<1		0.25	60	0.22	1715	7	0.01	22	1300	79

ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
0.06	49	2	141	<20	0.01	<10	<10	15	10	1855
0.03	4	3	70	<20	<0.01	<10	<10	29	<10	448
0.1	<2	7	41	<20	0.01	<10	<10	48	<10	398
0.07	5	9	72	<20	0.03	<10	<10	95	<10	191
0.06	<2	7	62	<20	0.06	<10	<10	91	<10	171
0.1	2	8	62	<20	0.03	<10	<10	79	<10	335
0.22	<2	6	68	<20	0.01	<10	<10	24	<10	251
0.76	<2	2	53	20	0.01	<10	<10	12	<10	96
0.06	<2	1	17	<20	0.01	<10	<10	16	<10	82
0.11	<2	4	25	<20	0.01	<10	<10	19	<10	252
0.09	<2	4	42	<20	0.01	<10	<10	20	<10	93
0.06	<2	17	93	<20	0.15	<10	<10	104	<10	226
0.13	<2	3	54	<20	0.02	<10	<10	22	<10	99
0.05	<2	3	23	<20	0.02	<10	<10	14	<10	111

ALS Geochemistry

WH11156478 - Finalized

CLIENT : "MWE - Homegold Resources Ltd."

of SAMPLES : 8 *Silt*

DATE RECEIVED : 2011-08-15 DATE FINALIZED : 2011-09-19

PROJECT : " "

CERTIFICATE COMMENTS : ""

PO NUMBER : " "

	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Fr 100St	<0.005	<0.2		2.19	2 <10		10	0.5	2	1.32	0.5	18	40
Fr 101ST	<0.005	<0.2		0.75	8 <10		40	<0.5	3	0.91	2.7	12	14
Fr 102St	<0.005	<0.2		2.2	5 <10	<10	<0.5		3	1.27	<0.5	17	38
Fr 103St	<0.005	<0.2		2.18	2 <10		10	0.5	3	0.99	<0.5	18	37

ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	
ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	
34	3.8	10	10	1	0.03	20	1.51	268 <1		0.02	36	740	16
27	2.73	<10	<1		0.02	10	0.57	435	6	0.01	29	700	111
29	3.69	10	<1		0.03	20	1.48	370 <1		0.01	33	730	15
30	3.62	10	<1		0.03	20	1.43	371 <1		0.02	33	720	17

ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn	
%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	
0.05	<2		3	53	<20	0.01	<10	<10	21	<10	211
0.03		2	2	32	<20	0.01	<10	<10	27	<10	363
0.05	<2		3	55	<20	0.01	<10	<10	21	<10	100
0.05	<2		3	48	<20	0.01	<10	<10	19	<10	89

APPENDIX IV

SAMPLE DESCRIPTIONS

JANUARY 6, 2013

Sample List

Fr 001F	Rock	14/08/2011 12:58	8 V 608409 6844614	1379 m
Fr 002F	Rock	14/08/2011 13:50	8 V 608476 6844454	1394 m
Fr 003F	Rock	14/08/2011 10:47	8 V 616433 6844346	1817 m
Fr 100St	Silt	14/08/2011 13:04	8 V 608409 6844619	1388 m
Fr 101ST	Silt	14/08/2011 13:28	8 V 608498 6844489	1395 m
Fr 102St	Silt	14/08/2011 14:11	8 V 608473 6844425	1392 m
Fr 103St	Silt	14/08/2011 15:06	8 V 608618 6843729	1426 m
Fr 104F	Rock	14/08/2011 10:57	8 V 616466 6844421	1822 m
Fr 104s	Soil	14/08/2011 16:01	8 V 608480 6844589	1395 m
Fr 105S	Soil	15/08/2011 16:16	8 V 608836 6844700	1496 m
Fr 106F	Rock	16/08/2011 15:01	8 V 616203 6844759	1660 m
Fr 107F	Rock	16/08/2011 15:12	8 V 616246 6844778	1667 m
Fr 107S	Soil	16/08/2011 10:33	8 V 616416 6844224	1859 m
Fr 108F	Rock	16/08/2011 15:24	8 V 616312 6844809	1678 m
Fr 109F	Rock	16/08/2011 8:57	8 V 616766 6844808	1711 m
Fr 109S	Soil	16/08/2011 15:27	8 V 616340 6844797	1683 m
Fr 110S	Soil	16/08/2011 8:47	8 V 616641 6844753	1743 m
Fr 111F	Rock	17/08/2011 11:05	8 V 615473 6844108	1678 m
Fr 112S	Soil	17/08/2011 11:35	8 V 615438 6844050	1622 m
Fr 113S	Soil	17/08/2011 11:36	8 V 615439 6844048	1622 m
Fr 114C	Rock	17/08/2011 11:37	8 V 615437 6844043	1624 m
Fr 115C	Rock	17/08/2011 11:50	8 V 615433 6844038	1625 m
Fr 116S	Soil	17/08/2011 12:17	8 V 615269 6844172	1553 m
Fr 117S		17/08/2011 12:28	8 V 615275 6844217	1550 m
Fr 118S	Soil	17/08/2011 12:36	8 V 615235 6844211	1543 m
Fr 119S	Soil	17/08/2011 12:47	8 V 615147 6844171	1501 m
Fr 120S	Soil	17/08/2011 13:35	8 V 615184 6843947	1560 m
Fr 121S	Soil	17/08/2011 13:54	8 V 615338 6843761	1630 m
Fr 122S	Soil	17/08/2011 14:07	8 V 615433 6843695	1645 m
Fr108S	Soil	17/08/2011 14:57	8 V 616201 6844756	1662 m

Note: Sampling was done by R. Olynyk, prospector, who died suddenly later in 2011 and his notes have not been found as yet for descriptions.

Gold and other precious metals continue to be highly sought after by mining and exploration companies worldwide as a result of their strong prices in recent years. ALS Geochemistry has the analytical tools and years of experience to help you with this potentially valuable search.

Gold in Drill Core, Rocks and Chip Samples

Selection of the best fire assay method for the accurate determination of total gold content in a sample is highly dependent on the nature of the sample matrix, the grain size and distribution of the gold and the objective of the analytical result. A wide variety of minerals and metals (such as chromite, base metal sulfides and oxides, selenides, and tellurides) in moderate to high concentrations, can interfere with the fire assay process, generally leading to low precious metal recoveries. With prior knowledge of the presence of these minerals and metals, ALS Geochemistry can modify flux constituents to improve recoveries.

When samples contain high grade or coarse nuggetty gold occurrences, the screen metallic procedure is recommended to help avoid over- or under-estimating gold grades. Custom method triggers can be set up for your project such that gold over a certain concentration will automatically be re-run using a higher-grade method, including screen metallics. Client services at ALS Geochemistry can help you customize a gold assay program to meet your project needs.

ANALYTE	RANGE (ppm)**	DESCRIPTION	CODE	PRICE PER SAMPLE (\$)
Trace Level				
Au	0.001-10	Au by fire assay and ICP-AES. 30g nominal sample weight 50g nominal sample weight	Au-ICP21 Au-ICP22	16.70 19.75
Au	0.005-10	Au by fire assay and AAS. 30g nominal sample weight 50g nominal sample weight	Au-AA23 Au-AA24	16.05 19.10
Ore Grade				
Au	0.01-100	Au by fire assay and AAS. 30g nominal sample weight 50g nominal sample weight	Au-AA25 Au-AA26	16.70 19.75
Au	0.05-1,000	Au by fire assay and gravimetric finish. 30g nominal sample weight 50g nominal sample weight	Au-GRA21 Au-GRA22	21.05 25.30
Au Ag	0.05-1,000 5-10,000	Au and Ag by fire assay and gravimetric finish. 30g nominal sample weight 50g nominal sample weight	ME-GRA21 ME-GRA22	27.25 31.55
Au	0.05-1,000	1 kg.screen fire assay. Screen to 100 micron. Duplicate assay on screen undersize. Assay of entire oversize fraction. 30g nominal sample weight 50g nominal sample weight	Au-SCR21* Au-SCR24*	55.65 61.75

* Other screen sizes may be available - please contact your local office for details.

** 1 oz/ton = 34.2857 ppm



Trace Level Methods Using Conventional ICP-AES Analysis

Aqua Regia Digestion

This package is an economical tool for first pass exploration geochemistry. Again, although some base metals may dissolve quantitatively, in the majority of geological matrices, data reported from an aqua regia leach should be considered as representing only the leachable portion of the particular analyte. Minimum sample size is 1g.

35 Elements by Aqua Regia, ICP-AES

ANALYTES & RANGES (ppm)								CODE	PRICE PER SAMPLE (\$)
Ag	0.2-100	Co	1-10,000	Mn	5-50,000	Sr	1-10,000	ME-ICP41	11.15 complete package or 5.70 plus 0.65/element
Al	0.01%-25%	Cr	1-10,000	Mo	1-10,000	Th	20-10,000		
As	2-10,000	Cu	1-10,000	Na	0.01%-10%	Ti	0.01%-10%		
B	10-10,000	Fe	0.01%-50%	Ni	1-10,000	Tl	10-10,000		
Ba	10-10,000	Ga	10-10,000	P	10-10,000	U	10-10,000		
Be	0.5-1,000	Hg	1-10,000	Pb	2-10,000	V	1-10,000		
Bi	2-10,000	K	0.01%-10%	S	0.01%-10%	W	10-10,000		
Ca	0.01%-25%	La	10-10,000	Sb	2-10,000	Zn	2-10,000		
Cd	0.5-1,000	Mg	0.01%-25%	Sc	1-10,000				
								ME-ICP41m	17.35

Note: To include Hg to a lower detection limit of 0.01ppm in the suite of elements above, please request method ME-ICP41m instead of ME-ICP41.

Individual Elements by Aqua Regia, AAS

ANALYTES & RANGES (ppm)								CODE	PRICE PER SAMPLE (\$)
Ag	0.2-100	Co	1-10,000	Mo	1-10,000	Pb	1-10,000	(+)-AA45	3.70 plus 2.65/element
As	5-10,000	Cu	1-10,000	Ni	1-10,000	Zn	1-10,000		

+ Add element symbol as prefix to method code.

Four Acid "Near-Total" Digestion

Four acid digestions are able to dissolve most minerals and although the term "near-total" is used, not all elements are quantitatively extracted in some sample matrices. Minimum sample size is 1g.

33 Elements by Four Acid ICP-AES

ANALYTES & RANGES (ppm)								CODE	PRICE PER SAMPLE (\$)
Ag	0.5-100	Cr	1-10,000	Na	0.01%-10%	Ti	0.01%-10%	ME-ICP61	14.90 complete package or 8.20 plus 0.65/element
Al	0.01%-50%	Cu	1-10,000	Ni	1-10,000	Tl	10-10,000		
As	5-10,000	Fe	0.01%-50%	P	10-10,000	U	10-10,000		
Ba	10-10,000	Ga	10-10,000	Pb	2-10,000	V	1-10,000		
Be	0.5-1,000	K	0.01%-10%	S	0.01%-10%	W	10-10,000		
Bi	2-10,000	La	10-10,000	Sb	5-10,000	Zn	2-10,000		
Ca	0.01%-50%	Mg	0.01%-50%	Sc	1-10,000				
Cd	0.5-1,000	Mn	5-100,000	Sr	1-10,000				
Co	1-10,000	Mo	1-10,000	Th	20-10,000				
								ME-ICP61m	24.75

Note: To include Hg in the suite of elements above, please request method ME-ICP61m instead of ME-ICP61.

Individual Elements by Four Acid, AAS

ANALYTES & RANGES (ppm)								CODE	PRICE PER SAMPLE (\$)
Ag	0.5-100	Co	5-10,000	Mo	2-10,000	Pb	5-10,000	(+)-AA61	6.20 plus 2.65/element
As	10-10,000	Cu	2-10,000	Ni	5-10,000	Zn	5-10,000		

+ Add element symbol as prefix to method code.

