# GEOCHEMICAL, TRENCHING and PROSPECTING ASSESSMENT REPORT

on the McGILLIVRAY PROJECT BC Geological Survey Assessment Report 31066

Lytton-Lillooet Area of British Columbia NTS 921/12 (921.042+052) Latitude 50°29'20"N/Longitude 121°40'30"W Permit MX-4-480

### For

Atocha Resources Inc. 2300 – 1066 Hastings St. Vancouver, B.C. V6E 3X2 www.atocharesources.com

Prepared by

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## June 30, 2009

Fieldwork Completed between May 28 and June 14, 2009

BRITISH COLUMBIA RECEIVE The Best Place on Earth **Iinistry of Energy, Mines & Petroleum Resources** SEP 1 1 2009 ining & Minerals Division Assessment Report Gold Commissioner's Office Ceological Survey Title Page and Summary VANCOUVER, B.C. TYPE OF REPORT [type of survey(s)]: TOTAL GOST GEOCHEMICAL, TRENCHING AND PROSPECTING .000 AUTHOR(S): J. T. SHEARER, M.Sc., P. Geo SIGNATURE(S): MX-9 YEAR OF WORK: 09 NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 4288115 MCGILLIVRAY PROPERTY NAME: MCGILLIVRAY Creek One, MCGill CLAIM NAME(S) (on which the work was done): 52600-527194 Au/Ag **COMMODITIES SOUGHT:** MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 92T/12 (921,042+052 **MINING DIVISION:** KAMLOOPS NTS/BCGS: LONGITUDE: 121 0 29'20 LATITUDE: 50 40 '30 " (at centre of work) OWNER(S): ATOCHA RESOURCES Inc. 2) MAILING ADDRESS: t 5 - 2330 Timer st. B.C. 1/36221 Port Cognitlam, OPERATOR(S) [who paid for the work]: above 1) 2) MAILING ADDRESS: Az above. PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude): The major rocks on the property are dioritic intrusive Mount by Hon Comy contact with altered Lower Cretaceons Bridge River Group volcania contain anomalous Dykes and are REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: ASSESSMENT Next Page

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## Summary

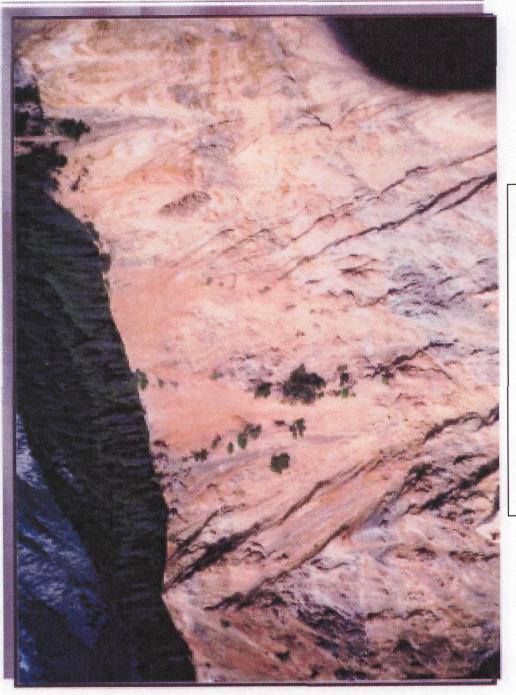
The McGillivray property consists of 235 claim cells, acquired to cover an historical copper porphyry target property with a large gossanous alteration zone to explore for its precious metal potential. The McGillivray property is near the recently discovered epithermal precious metal Skoonka Creek property. The claims cover ground originally staked in the 1940's. Previous work in the area covered by the property outlined large zones of hydrothermal alteration and copper anomaly in soil geochemistry at the time when the focus of much exploration was toward porphyry copper targets. There has been no exploration focused on precious metals until Atocha Resources Ltd. acquired the property.

The McGillivray Property geology consists of fault bounded slices of dioritic and granodioritic intrusives of the Permian to Triassic age Mount Lytton Complex, with highly altered Lower Cretaceous and esitic volcanics of the Pimainus Formation of the Spences Bridge group. The western side of the McGillivray Property is next to the regional Fraser River fault. Within the fault bounded slices of altered volcanics are strong alteration zones with evidence of drusy quartz and anomalous silver soil samples. The mineral deposit type that is recommended to target for is for the exploration for epithermal precious metals.

The McGillivray property demonstrates many features of classic epithermal deposits: the vein mineralogy and textures, with generations of carbonate, silica and chalcedony, the tendency for mineralization to occur in flat vein structures, the presence of brecciated quartz veins, and the suite of geochemical indicator elements Mo, As, and Ag.

Recent work in 2009 consisting of trenching, follow-up soil sampling, prospecting and geology which has confirmed the potential for an epithermal gold-silver mineralized system. The property is centered on McGillivray Creek and is located 34 kilometres east-southeast of Lillooet, British Columbia and is well served by roads and power. The claims are about midway between Lytton and the Blustry Mountain Gold Showings, on the east side of the Fraser River.

illy submitted. T. Shearer, M.Sc., P.Geo.



View Looking North (Ridge trending east-west)

Figure 1 View of the gossanous slope at the south end of the 2006 exploration focus area from a helicopter. There was a line of soil samples collected on the ridge top. (Photo: Jo Shearer)

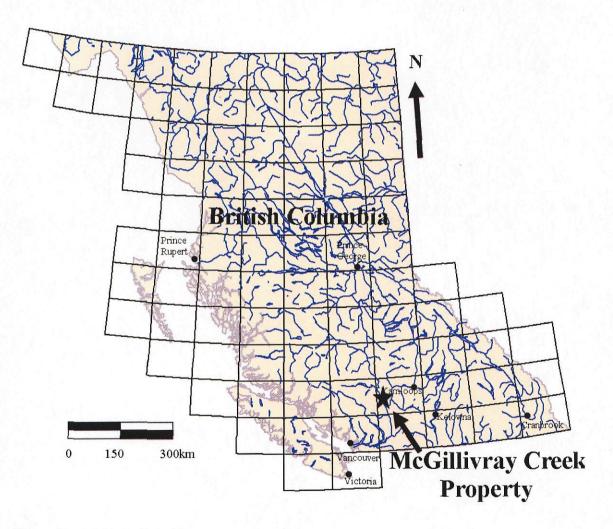
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## Introduction

This report is prepared for Atocha Resources Ltd. (Atocha) of Vancouver, BC at the request of the Board of Directors.

The purpose of this report is to summarize the 2009 exploration program on the McGillivray Creek property and document it as a property of merit. This report is prepared to support Atocha Resources Ltd. in raising funds to support further exploration of this property.

This report is largely based on fieldwork conducted between May 28 and June 14, 2009, the historical reports of previous operators and government geological mapping. The author also discussed ongoing activities with the field exploration crew and Dan G. Cardinal, P.Geo. during the program. The documents reviewed are listed in the References near the end of this report.





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Geological, Prospecting, Geochemical and Trenching Assessment Report on the McGillivray Property June 30, 2009

## **Property Description and Location**

The McGillivray property consists of 235 cell claims located under the Mineral Title Online claim system of British Columbia. The claims are registered in the name of Atocha Resources Ltd. Total area is 7,903.119 hectares. The claims are all in the Kamloops Mining Division of British Columbia. The "cell claim" boundaries are defined in the provincial database and referred to in the UTM NAD 83 coordinate system. This location based database allows title to be assured for geographic location.

Tenure			Current Expiry*	Size (cell	Cell Area
Number	Name	Registry Date		Units)	(ha)
503908		2005 Jan 16	2010 Mar 16	55	1148.360
503909		2005 Jan 16	2010 Mar 16	40	819.830
605052	BLUST S 1	2009 May 27	2010 Jun 27	20	410.430
605053	BLUST S 2	2009 May 27	2010 Jun 27	20	410.780
421157	MCGILLIVERY CREEK NORTH	2005 Oct 14	2010 Oct 14	20	410.872
521252	SPENCES BRIDGE VOLCANIC 1	2005 Oct 15	2010 Oct 15	21	431.758
521253	SPENCES BRIDGE VOLCANIC 2	2005 Oct 15	2010 Oct 15	25	514.220
521254	MCGILLIVERY WEST 1	2005 Oct 15	2010 Oct 15	18	370.020
526001	MCGILL THREE	2006 Jan 21	2012 Jan 21	10	205.503
526002	MCGILLVERY CREEK ONE	2006 Jan 21	2012 Jan 21	25	513.858
527193	LAUWISSIAN ONE	2006 Feb 07	2011 Feb 07	16	329.053
527194	MCGILL 1	2006 Feb 07	2013 Feb 07	25	513.922
527195	MCGILL 2	2006 Feb 07	2011 Feb 07	25	513.830
528832	MCGILLIVRAY SOUTHEAST	2006 Feb 23	2011 Feb 23	25	514.121
542787	tau-lu	2006 Oct 08	2011 Oct 08	25	529.172
571897	LA LAU 2	2007 Dec 13	2010 Jun 28	15	226.250
571898	LA LAU 3	2007 Dec 13	2010 Jun 16	2	41.140
			Total Area	387	7903.119

\* Subject to approval of work documented in the Assessment Report

In British Columbia, each cell claim equals about 20.55 hectares. All claim cells staked in British Columbia require approximately \$80 of assessment work to be undertaken in Years One to Three, (\$4.00 per ha per year), followed by about \$160 per cell per year thereafter (\$8.00 per ha per year).

A 100% interest, before the NSR, in the property is available to Atocha Resources Inc. following the completion of the following terms to the owner Jo Shearer according to the Option Agreement dated August 26, 2006. Additionally there is a 2% Net Smelter Royalty (NSR) to Mr. Shearer following completion of the terms of the agreement.

The NSR is available to be purchased for \$1,000,000.00.

The claims are located in mapsheets 92I-042 and 92I-052. The latitude 50°29'20"N and longitude 121°40'30"W are near the center of the area that work was done in 2006.

## CLAIM MAP McGillivray

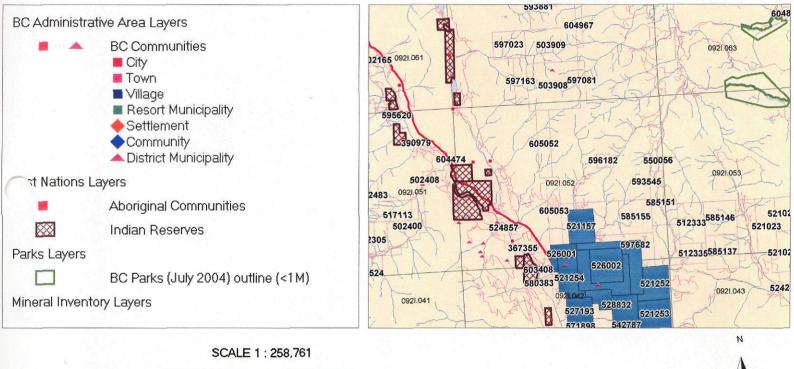




Figure 3

Most of these claims are located on Crown Land and have no surface rights attached to the claims. There is crown land available for use by permit application through a permit for development of a mill and tailings if the project moves to this level.

There is a small adit, with a tennantite showing, above McGillivray Creek, on the north side, described in the BC Ministry of Mines, Geological Fieldwork (White, 1980). There are reports of several small pits on the property near the highway described by Chisholm (1971). These were not visited by the author. There are several filled in bulldozer or excavator trenches at the end of the logging road that likely date from 1972 or 1973, near the centre of the 2009 fieldwork area.

The property is within the territorial land of the Lytton First Nations band.

There are no known new parks planned for any area contained within the McGillivray Property. No First Nations reserves are indicated on the claims maps within the boundaries of the McGillivray claims.

There is a network of logging roads and several clear-cut openings from previous logging operations. The environmental liabilities of this will be the responsibility of the logging companies. The creeks are often steep and the semi arid environment limits the amount of water in creeks. It is not known whether there are any fish in the claim area. Wildlife throughout the area is sparse and primarily comprises deer and rare, itinerant black bears. Hill slopes are seasonal range for cattle.

There is a description of a spring credited to a report by D.C. Malcolm by Pezzot and White (1983); "A spring, at elevation 3,600 feet near McGillivray Creek, deposits a white precipitate which showed 1.19% silicon and 84.75% alumina."

This is not felt to be a liability but should be noted as naturally occurring.

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## Accessibility, Climate, Local Resources, Infrastructure and Physiography

The property is located on the eastern side of the Fraser Canyon. Highway 12, which follows the river, crosses the western side of the property. There is a network of logging roads over the property, accessing the highway on the north side of the McGillivray Creek valley. The Laluwissin Creek valley is to the south end of the property and has a deactivated logging road in its lower valley leading to the Fraser River. The upper valley of the Laluwissin Creek valley to the south. This road connects up to a network of logging roads from Spences Bridge and Cache Creek on Highway 1 and near Pavilion on Highway 99. Most of the property is accessible by foot with cliff and landslide exposures limiting foot travel in a few areas.

Elevations range from 450m (1,500ft.) in the valley of the Fraser River to 1,800m (5,900ft.) on McGillivray Mountain. The area is mountainous with steep slopes. There are a couple of large natural slides and cliffs on the property, especially on the south facing slopes.

The area lies in the rain shadow of the Coast Mountains, therefore the climate is relatively dry; Lytton receives less than 40 cm precipitation per annum, of which 25% falls as snow during the winter months. Mean temperatures vary from -4°C in °winter to 30°C in the summer. At lower elevations, the vegetation is open pine forest. The north facing slopes have locally thick forests of pine and fir. The area is grazed by cattle during the summer months. Work can continue throughout the year although

snow will likely be present on the ground throughout the winter limiting the activities and slowing access.

There are electrical power lines following Highway 12 on the western side of the property. McGillivray Creek and its tributaries had water sufficient for drilling in October after a long dry spell and should be sufficient for year round exploration. There is abundant water in the Fraser River for any need on the property.

Lillooet and Lytton are the major towns in the area, both on Highway 12. Lillooet the regional source of most required supplies, heavy equipment and services for exploration is 34 kilometres by highway to the north-north west. The regional population is about 50,000. The major industries include logging, ranching and hospitality. The distance to Lytton is about 30 kilometres to the south. There are major railroads, with access to the continental railroad networks, in both Lytton and Lillooet. Both communities would be the source of personnel for exploration or operations.

The property is underlain by crown land. It is used by the local rancher for grazing cattle in the summer. It has been logged in the past for timber. This has left a network of logging roads to access most areas of the property. The land is steep, but there are several areas locally that should be sufficient for a mill site and tailings impound.

J. T. Shearer (property vendor), has initiated informal discussions with First Nations Bands resident near the property. These are the Fountain, Bonaparte and Lytton Bands.

## History

In 1941 the Victory Claim was staked on the ridge between Laluwissin Creek and McGillivray Creek within the existing claims, according to Duffel and McTaggart, 1952. This is described to be located over the ridge located in the area where the work program of 2006 was done. It describes a northwesterly trending zone of faulting. There is a description of "inclusions" that are consistent with the body or bodies of altered volcanics seen in the 2006 mapping. It also mentions fine grained pyrite in a rusty fault zone.

In 1971 Cuda Resources, (Chisholm, 1972) did a copper soil geochemical and magnetometer study in the area of Laluwissin Creek and Highway 12 and south. This is about a kilometre southwest of the grid of the 2006 work. Geological mapping of these areas was completed in August of 1972 by Asano (1972) for Colt Resources Ltd. (renamed from Cuda Resources). He has mapped generally northerly trending bands of altered Nicola volcanics in Mount Lytton Complex diorite. The volcanics show varying levels of epidote and chlorite alteration. He correlates the magnetic highs to patches of gossan. There are several zones of copper mineralization described. The copper geochemistry and magnetometer survey were contoured in a general northerly trend. There is a special correlation between copper in soils and magnetometer highs.

D.C. Malcolm undertook geological mapping of the McGillivray Creek basin in 1972 to 1976 for Acacia Mineral Development Corporation. Copies of his reports were not available to the author. The following is credited to Malcolm's report dated March 14, 1980 as recounted in the report of Pezzot and White (1986):

"The main deposits occur at the summit of a ridge and along its flanks between elevations 4,500 and 5,000 feet. On the north side of the ridge a number of small hand trenches expose sheared and brecciated feldspar porphyry and altered limy volcanics. Five samples over an area 200 feet by 200 feet, averaged 0.42% copper.

7 Geological, Prospecting, Geochemical and Trenching Assessment Report on the McGillivray Property June 30, 2009 A road has been built from McGillivray Creek to the lower part of the deposit on the north slope of the ridge. Trenches have been roughed out partly across the deposit at elevations 4,650 and 4,800 feet.

On the south side of the ridge, 1,500 feet south of these trenches, chalcopyrite occurs with magnetite in old trenches and malachite stained feldspar porphyry forms a slide in a dry gulch. One picked sample assayed 0.37 oz. silver, per ton and 7.16% copper.

On the road, at elevation 3,300 feet, a porphyry dike was exposed. Chalcopyrite bearing limestone breccia float occurs near it.

Pyritic deposits occur over a large area east of the porphyry dikes and extend across the claims. Two outcrops have been sampled and assayed 0.095% and 0.15% copper."

The area described by Malcolm is consistent with the area that was the focus of the 2006 study.

A geochemical program was completed in 1978 (White, 1978) for Acacia Minerals. This is centered in the same basin as the 2006 work program of Atocha. His conclusions read:

"The limonite gossans exposed in the southern portion of the survey area have a strong copper zinc geochemical expression which indicates they are part of a northerly trending mineralized zone.

They are heavily pyritized appear to be associated with a series of andesites, dacites, limestone breccias and tuffs. A strong copper, lead, silver and zinc anomaly occurs at 9 / 60s - OE at the head of a small stream which is seeping an alumina-rich white powder."

In 1983 Ryan Energy undertook an 80 line kilometre VLF – EM and Magnetics airborne survey (Pezzot and White, 1983) over the ACE 1 to 8 claims in the McGillivray Creek basin that was the area of focus of the 2006 work. The resulting magnetic lows were interpreted as:

"Two northwest-southeast trending magnetic lows are evident across the survey area. One follows a geologically defined fault across the southwest corner of the claims area. The second follows McGillivray Creek. Terrain clearance effects across the valley formed by McGillivray Creek are not influencing the magnetic field intensity in this area and it is likely that another fault is present.

A north-south trending magnetic high correlates with a mountain ridge on the east side of McGillivray Creek. No geological evidence of a lithology change is reported in this area. The magnetic data may be reflecting an unmapped facies change within the volcanic unit; possibly a dioritic phase or simply an increased content of higher magnetic susceptibility materials. A closed magnetic high located on line 20 immediately west of this ridge is likely an outlier of the same rock unit."

The VLF EM from the 1983 report is reported as:

"The VLF-EM data is presented in profile form over the same topographic and geological base map used to illustrate the magnetic contours. The Seattle frequency data ... shows a subtle shift in the field intensity which correlates with the G.S.C. defined fault crossing the southwest corner of the survey area. In addition, the northwest-southeast trending belt of limestone is reflected as a slight conductivity increase. This response extends further south than the unit as indicated by D.C. Malcolm."

There is no further recorded work found by the author until the program of 2006 by Atocha.

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## **Field Procedures**

The author and prospector concentrated their efforts along the upper reaches of McGillivray creek valley and a section exposed along an escarpment overlooking the Fraser River canyon. Two (2) days were spent traversing the main ridge running along the edge of the escarpment, an area where historical copper porphyry related surveys and recent trenching by Atocha were carried out. Another day was spent examining a section of logging road where a soil sample from previous survey by the Atocha field crew returned elevated (290ppb) gold-in-soil value. This area is located north and northeast of McGillivray Creek valley. For detail Property description including history, regional geology and recent geochemical and geological surveys, the author recommends the reader to review a Technical Report authored by Mr. Sean Butler, P.Geo., titled 'Summary Report on the McGillivray Property' dated January 31, 2008.

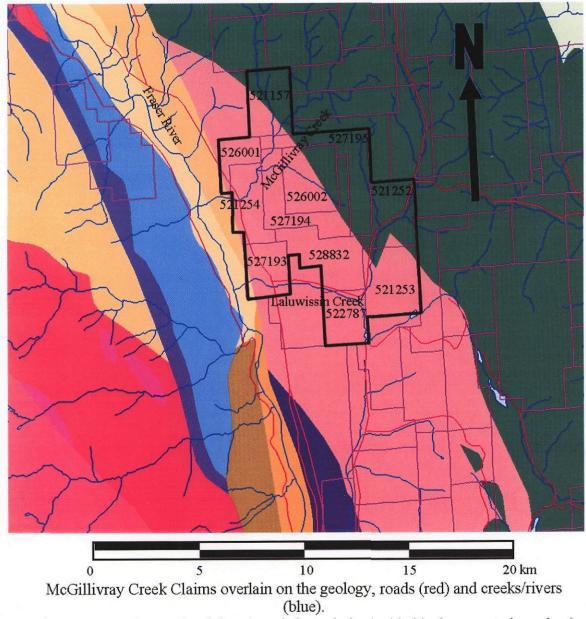
Samples collected in the excavator trenches were by continuous chip samples along the floor of the trench.

Soil samples were collected by mattock from the thin "B" horizon immediately under the thin organic "A" horizon. Average depth of soil samples was 15cm.

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## **Regional Geology**

The major rock formations on the property are dioritic and granodioritic intrusives of the Permian to Triassic age Mount Lytton Complex. The other major unit is the altered Lower Cretaceous andesitic volcanics of the Pimainus Formation of the Spences Bridge group. The Spences Bridge Group outcrops on the eastern side of the claims as well as fault controlled bands as inliers or roof pendants in the diorite on the western side. The 2006 program reportedly found sedimentary rocks on the eastern side of the property (Shearer pers. comm.). This is likely the interbedded volcaniclastic rocks of the Pimainus Formation.



Claim numbers locate the claims (purple boundaries inside black property boundary)

#### FIGURE 4 Regional Geology

10 Geological, Prospecting, Geochemical and Trenching Assessment Report on the McGillivray Property June 30, 2009 There are bands of fault bounded northerly trending altered volcanics that have been mapped as gneisses and schists (Duffell and McTaggart, 1952). There are gneisses and schists defined to the south of this property on the geological map from the MapPlace, used in this report. Locally the alteration was observed to be argillic to kaolinitic. These bands extend over the ridge and were mapped near Highway 12 (Asano, 1972) as well in the basin to the east (Shearer, 2006). The intensity of alteration varies greatly on a local basis. These are likely part of the Pimainus Formation of volcanics of the Spences Bridge Group. The geological map reproduced from the BC MEMPR MapPlace reproduced for this report (Figure 4) does not show these bands of altered volcanics, but were observed during the field visit and reported in many property scale reports.

The regional Fraser Fault, a major north-north westerly trending structure, is located on the western boundary of the McGillivray property. This strike slip fault may have 135 to 160 kilometres of dextral strike slip. This was determined by the correlation of Late Permian intrusives of the Mount Lytton Complex in the area of McGillivray Creek with the Farwell Pluton in the area of the mouth of the Chilcotin River as noted in Read (2000) crediting a GSC paper by Friedman and van der Heyden. The rocks to the west of this structure, the Fraser Fault, are not related geologically to the units found on the McGillivray property and the geology and mineral deposit types are not reported by the author.

The close spatial relation to this fault has likely influenced the units on the McGillivray property. The strong northerly trending faulting that separates the Mount Lytton intrusives and the altered volcanics, sub parallel to this fault is likely related to this fault. As well, deep faults like the Fraser Fault have acted as conduits of deep hydrothermal fluids in other regions.

At this early stage of mapping there is field evidence to suggest to the author that a tectonic plate collision between 2 accreted terranes may occur in the McGillivray Property and that McGillivray creek valley may part of a surface expression to such a structural suture zone (Plate I).

Evidence to suggest a possible terrane collision proposal includes the following:

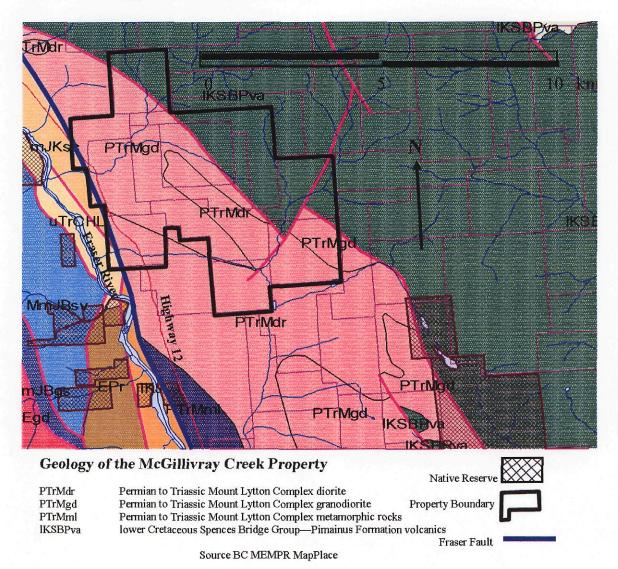
(i) Regional GSC map shows the McGillivray Property and area to be underlain mostly by the Lytton Complex. However, field mapping shows the Property, at least within the McGillivray watershed, to be predominately underlain by 2 different types of compositional volcanic rocks - andesitic and alkalic.

(ii) Regional geology along the Fraser River fault system shows faulted sections of the bedrock as been part of the Cadwallader Group, an island arc terrane of Upper Triassic to Lower Cretaceous age that includes mafic to intermediate volcanic flows and younger fine clastic sediments. Sections of the Cadwallader sediments can be observed on Highway 12 consisting of mudstone, shale, and siltstone – along an area of the highway that is precariously unstable directly overlooking the Fraser River. To the south and on the Property - the ridge overlooking the highway, the rocks here are composed of, what the author believes, as part of the Cadwallader terrane, composed predominately andesitic and minor intermediate rocks.

(iii) North and east of the McGillivray creek are alkalic compositional volcanic rocks. These rocks are believed to part of the Spences Bridge terrane.

(iv) Fragmented alkalic volcanic rocks discussed above are believed to be result of tectonic activity related to an accretionary collision between terrane represented by the andesitic rocks to southwest and the alkalic volcanic rocks to the northeast.

## Local Geology and 2009 PROGRAM



#### **Figure 5 Local Geology**

The Company has received results for samples collected from the initial trenching program. Geological examination of the ridge section shows that the rocks are predominately composed of underlying, mildly altered siliceous andesite carrying 2-4% disseminated pyrite. Minor chalcopyrite was observed. The andesite is cut by series of roughly east-west trending second and third order faults. Within some of these structures are well silicified, bleached, carbonitized and appears to be alunite alteration. Trenching found associated with epithermal environments.

A thrust fault may have also acted as a channel way to ascending mineral-bearing solutions altering the andesitic rocks observed along the escarpment, with the cross-cutting, east-west trending second and third order faults hosting epithermal, calcite-silica-alunite-bearing minerals. The ubiquitous pyrite associated with the andesite and concentrated mainly between the ridge escarpment and McGillivray creek to the east may also be spatially reflecting some distal epithermal system. Nevertheless, it is

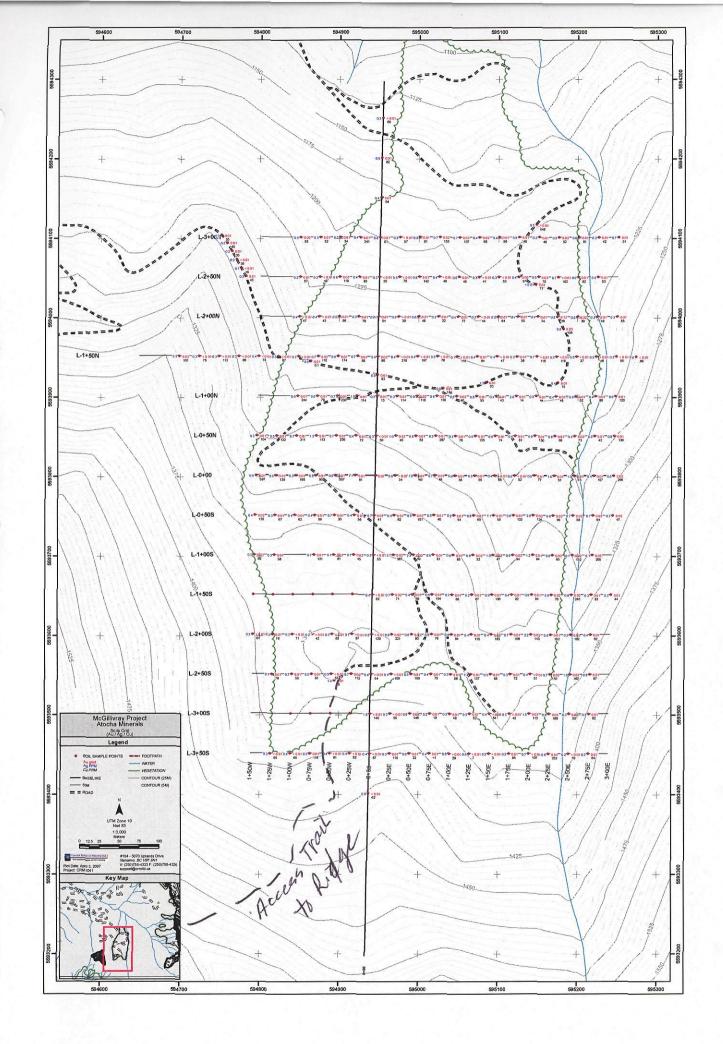
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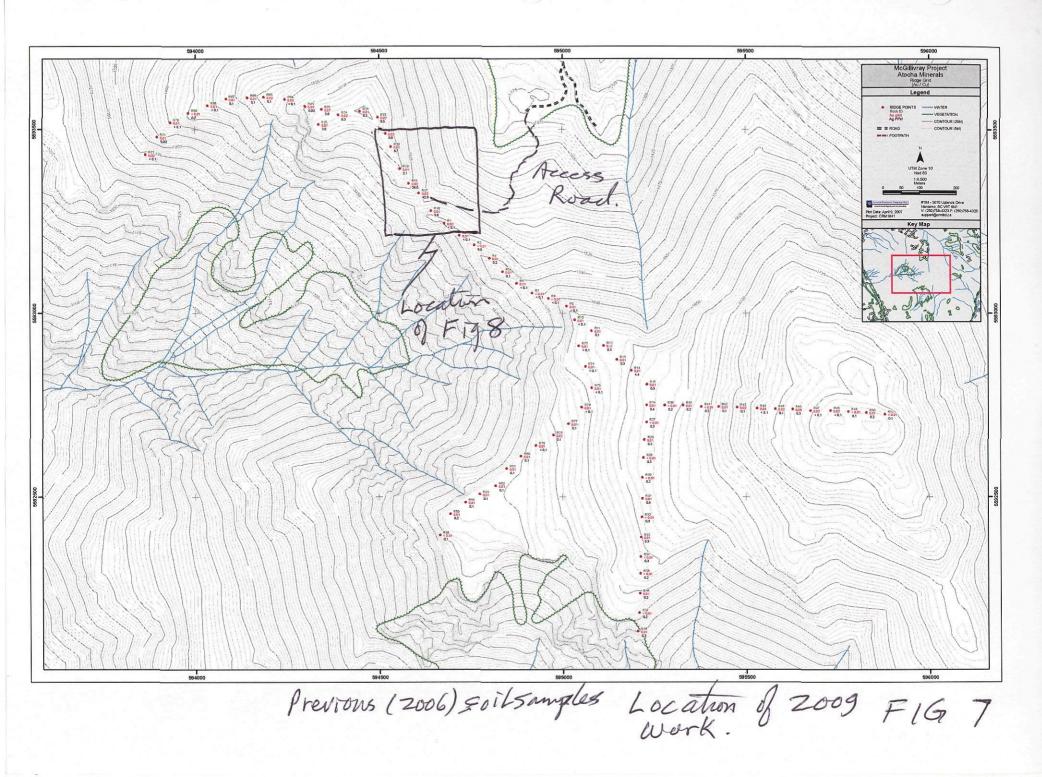
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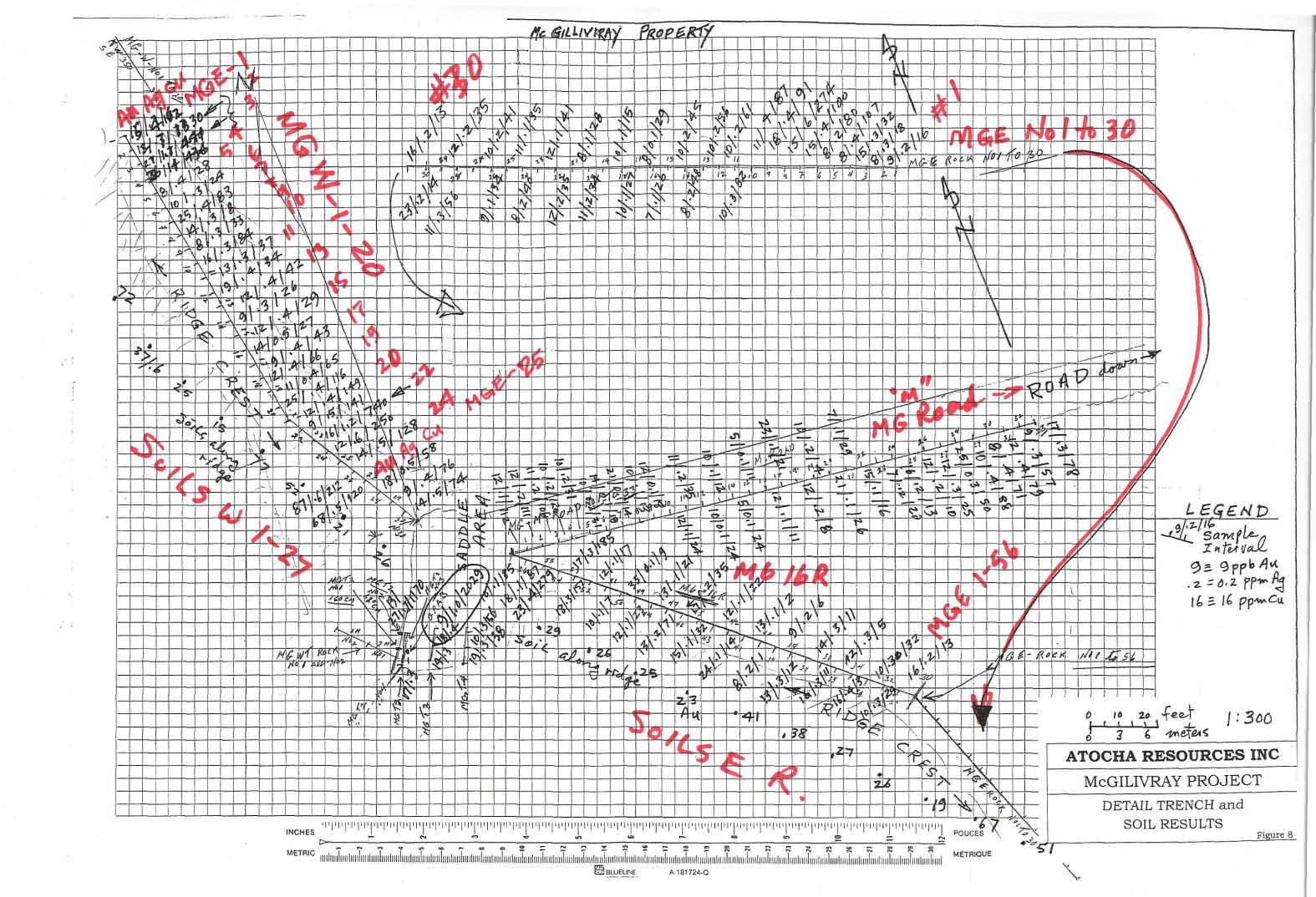
obvious as noted by the highly iron oxidized escarpment (Photos 1-3), that the disseminated pyrite, anomalous copper and silver and alteration minerals observed along the ridge are structurally controlled.

To the northeast a new area of previously defined gold-in-soil results panned concentrate collected near the site of the anomalous gold value contained at least one (possibly 2) very fine crystalline gold flake along with a silvery grain believed to be electrum or telluride.

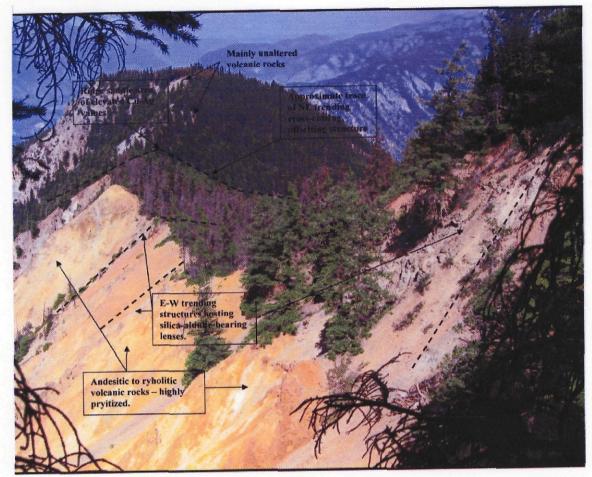
Bedrock observed along this area is composed of purplish coloured, alkali composition volcanic rocks associated with fine grain, creamy feldspathic phenocrysts. In some sections the volcanic rock appears as trachytic texture. In the area of the elevated gold value the volcanic rocks are highly fragmented which the author interprets to be result of tectonic action. The fragments have been subsequently healed by banded white and pearl-white quartz veinlets, fracture-filling colliform silica and large bands of massive, dark, siliceous incipient-like chalcedony.







## Mineralization



#### Figure 9

McGillivray Cliff exposure looking northwesterly. Highly pyritized volcanic rocks consisting predominately of siliceous andesite with subordinate dacitic to rhyolitic lenses. Interpreted by author as part of the Cadwallader Island arc volcanic terrane.

D.G. Cardinal, P.Geo.

The mineralization is largely disseminated and shear related copper and silver - lead with some, zinc reported. There is gold reported as a possible metal in the copper porphyry deposits described in the BC Minfile property descriptions on this property near the ridge. Strong lineations were seen on the ground during the property visit and are also visible in the contour maps. These are probable fault boundaries to the altered volcanic units with the Mount Lytton Complex intrusives as described in several historical reports. The high level and large surface extent of alteration seen indicates strong hydrothermal alteration. This alteration was evident as the author walked the property as well as seen in the large landslide visible from a distance near the highway.

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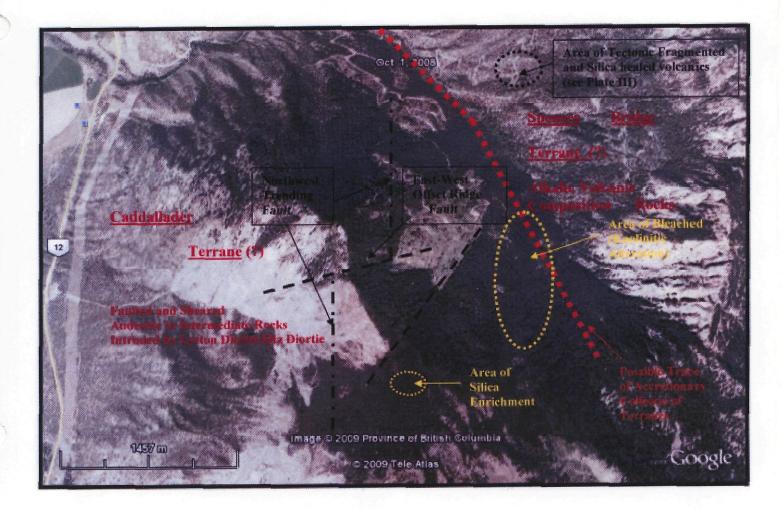
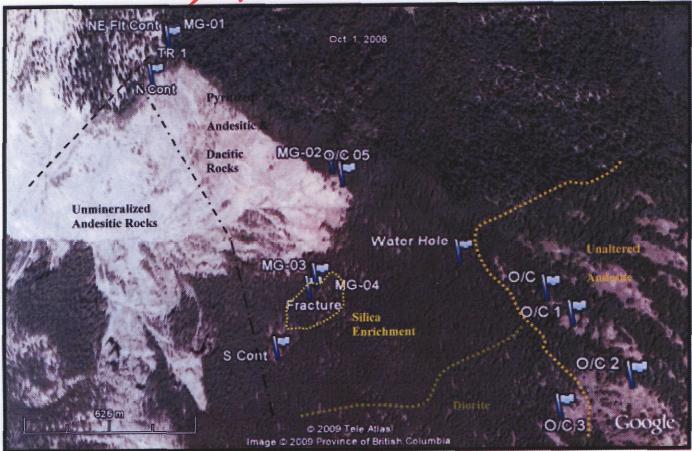


Figure 10

Airphoto depicts interpretation, both from preliminary filed surveys and photos, a NW trending structural trace of accretionary collision of Cadwallader and Spences Bridge terranes with related first-second order structures and potential epithermal signatures. Silica-healed breccia-fragmented alkalic volcanic rocks outlined above are interpreted to be tectonic-accretion related.

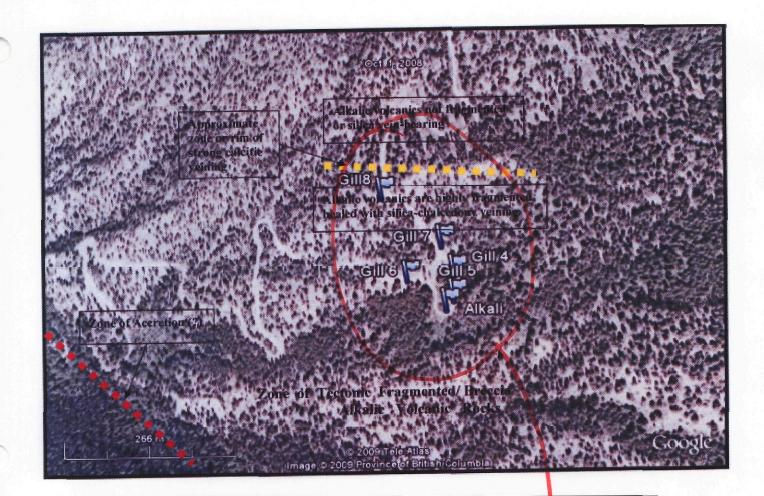
Geological, Prospecting, Geochemical and Trenching Assessment Report on the McGillivray Property June 30, 2009

Rock



#### Figure 11

GPS Locations of rock outcrops (O/C) of unaltered andesite to southeast intruded by Dioritic rocks along the southern section. MG-01 to MG-04 are sampled sites for future petrographic studies. Rock specimens indicate carbonatization with possible epithermal alteration of silica and alunite. Area outlined as silica enrichment, bedrock here is highly siliceous suggesting possible area of epithermal alteration.



#### Figure 12

Area interpreted as underlain by Spences Bridge terrane containing alkalic compositional rocks. Yellow dashed line indicates zone of carbonate enrichment as showing by large calcite veining possibly suggesting cooling fringe of epithermal event and deposition of carbonatized-rich fluids. Rock north of this zone show little alteration and no tectonic breccia fragmentation. Gill 4-8 are bulk sampled sites collected by prospector for panning. Gill 5 is in the approximate location of previous soil sample with elevated Au of 390 ppb. Here, panned concentrate contain at least one very fine crystalline gold with a fine grain of electrum/telluride (?). Zone of silica-healed fragment/breccia volcanics is interpreted to be result of tectonic-accretionary collision with subsequent introduction of epithermal silica into the structural system.

Geological, Prospecting, Geochemical and Trenching Assessment Report on the McGillivray Property June 30, 2009

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## **Geochemistry and Trenching 2009**

The geological examination of the ridge section show that the rocks are predominately composed of underlying, mildly altered siliceous andesite carrying 2-4% disseminated pyrite. No other sulphides were observed. The andesite is cut by series of roughly east-west trending second and third order faults. Within some of these structures are well silicified, bleached, carbonitized and, what appears to be alunite alteration. Trenching exposed a mineral assemblage associated with epithermal environments. The anomalous Ag and Cu values previously found are further defined by soil and rock samples exposed by trenches into fresh rock. Additional trenching is warranted to follow the mineralized structure on the ridge saddle.

A mapped thrust fault may have also acted as a channel way to ascending mineral-bearing solutions altering the andesitic rocks observed along the escarpment, with the cross-cutting, east-west trending second and third order faults hosting epithermal, calcite-silica-alunite-bearing minerals. The ubiquitous pyrite associated with the andesite and concentrated mainly between the ridge escarpment and McGillivray creek to the east may also be spatially reflecting some distal epithermal system. As demonstrated by the highly iron-oxidized escarpment, that the disseminated pyrite, anomalous copper and silver and alteration minerals observed along the ridge are structurally controlled.

To the northeast, a new area of anomalous gold-in-soil results was found. Panned concentrate of soil collected near the site of the anomalous gold value contained at least one very fine crystalline gold flake along with a silvery grain believed to be electrum or telluride. Bedrock observed along this area is composed of purplish coloured, alkali composition volcanic rocks associated with fine grain, creamy feldspathic phenocrysts. In some sections the volcanic rocks are highly fragmented which is interpreted to be result of tectonic action. The fragments have been subsequently healed by banded white and pearl-white quartz veinlets, fracture-filling colliform silica and large bands of massive, dark, siliceous incipient-like chalcedony.

Trenching and follow-up soils sample results are plotted on Figure 8 (following page 13). A sample of sheared and rehealed volcanic assayed 1.0 ppm Ag and 2029 ppm Copper.

On the west end of the west tench (see Figure 8) there are anomalous silver and copper values (samples MG-West 1+2 and MG-W 1+2+3). This area requires further follow-up work.

## **Adjacent Properties**

Details on adjoining properties are referenced from available reports by other professionals and have not been confirmed by the author with on site visits.

The Skoonka Creek epithermal gold property of Almaden Resources and Strongbow Exploration Inc. is about 14 kilometres to the southeast of the McGillivray property. This property was discovered in 2004. The showings are in the Pimainus Formation volcanics of the Spences Bridge Group. There are intrusives of the Mount Lytton Complex on the south end of this group of claims. The Pimainus Formation is thought to be the same formation as the altered volcanics of the McGillivray property. An initial drilling program completed in October 2005 on this prospect returned high grade gold values including 20.2 g/t gold over 12.8 metres, 26.8 g/t Au over 3.31 metres and 7.5 g/t Au over 4.1 metres (Chang and Gale, 2006).

To the north, about ten kilometres, on Blustry Mountain, is the Top Hat property. Ryan Exploration undertook a program of geology and soil geochemistry in 1984 (Richards, 1984). In 1987 Aerodat Ltd. of Mississauga, Ontario was commissioned by Kangold Resources to conduct an airborne geophysical survey over the property (Lechow, 1987). This survey consisted of a low level, helicopter supported programme which included a frequency VLF electromagnetic system, a high sensitivity caesium vapour magnetometer. The results of the geophysics were used to locate grids on the following project. In 1987 Mark Management Ltd. conducted a soil geochemical survey over a grid area of 900m x 100m in size. In general, anomalous values for Au, Ag, As, Cu, Hg, Mo, Sb, Pb and Zn outlined an open ended zone 650m long by 220m wide (Lechow, 1987). In 2003, Wyn Development completed geological mapping, prospecting, geochemistry and detailed Induced Polarization (IP). This property has several gold targets defined.

Exploration has also occurred on Izman Creek, also known as the Bob and Cop showings, about 8 kilometres to the south. In 1972 there was an extensive soil sampling study (Jones, 1972a and b). This is a copper skarn or copper porphyry target. This property is underlain by the Mount Lytton Complex in contact with sediments, including crystalline limestone.

Small programs, including prospecting and local small grid geophysics and geochemistry, for copper and zinc, were done in this area, near the mouth of Izman Creek, on the Laurie claim by Weymark, 1980 and Allen (1988 and 1989).

Due to the large dextral slip movement on the Fraser Fault the properties on the western side of the fault were not reviewed by the author.

## Conclusions

The historical data found, the work undertaken by Atocha, as well as the discovery of the nearby Skoonka Creek epithermal system, leads to the conclusion that there is enough data to justify further exploration of this property for an epithermal precious metal system. The early work was focused toward base metals, largely copper. The earlier work found the fault bounded altered volcanics in contact with the Mount Lytton Complex intrusives. These fault zones and the high level of alteration indicates the probability of a large hydrothermal system. This alteration is what attracted the porphyry copper exploration.

The close proximity of the regionally significant Fraser fault, the Mount Lytton Complex intrusives and the Spences Bridge Group volcanics created a focus point for potential deep seated hydrothermal fluids to react in near surface rocks.

This property needs more work to determine if there is a shear zone epithermal precious metal deposit. It is under explored historically for the precious metal potential, having been focused on its copper potential. The Spences Bridge Group volcanics were considered a low potential formation for precious metal deposits before the Skoonka Creek property was found. In light of this recent nearby discovery and the Top Hat property to the north east more work to determine the precious metal potential of this property is justified.

Evidence of accretionary collision along the upper reaches of McGillivray creek is a structural target to hosting an epithermal system.

Geochemical, mineral alteration and structural signatures have been identified that may vector to a potential epithermal system in the area of McGillivray creek valley. They include: an area of elevated whole rock geochemical values of AI-K-Na indicative of alunite/adularia alteration minerals; elevated arsenic indicative epithermal system with the potential of hosting gold at depth; kaolinitic (bleaching) alteration along the flanks of McGillivray creek; structurally controlled carbonitized-silica-alunite alteration along east-west second-third order structures; an area of silica enrichment and; banded quartz veins and fractured filled colliform silica and chalcedony hosted in tectonically fragmented alkalic volcanic rocks.

The evidence of silica enrichment or litho-capping, banded quartz veining and associated chalcedony, suggests that the level of erosion of the paleosurface is shallow and that the epithermal system may be preserved to depth.

The author recommends detail prospecting and geological surveys should be conducted along the McGillivray creek watershed and south along the ridge in the area of the silica enrichment. These areas should be identified and geologically interpreted followed by geochemical soil surveys. This data once compiled would assist in developing an epithermal model for follow-up phased exploration programs.

## Recommendations

Government permits and approvals will be required for the next stages of exploration as well as field preparation. Any costs of gaining the approval of work on this property with First Nations are not budgeted due to variation from Nation to Nation.

The first step in the exploration of this property should be extending the existing grid from its present location to the south. This is recommended to allow for systematic geochemical sampling and control of geological mapping. The area behind the ridge, especially the area with the elevated values in silver in soil samples, should be the focus of the geochemistry. The sampling should extend out from here, fill the area to the existing grid, and continue to the south toward Laluwissin Creek. As well some exploration of the area at the base of the landslide needs to be done to try and find extensions of the zone defined near the top of the ridge.

The road up the hill to the area of ridge samples needs to be extended to the ridge line area using an excavator. This will assist in sampling, give access for trenching and allow for future diamond drilling if targets are developed. The trenching should be focused near the area of the anomalous silver values found in soils on the rim and any other targets developed by the geological mapping and sampling.

The goal of this proposed program is to develop diamond drill targets to continue the exploration of this property. The recommended budget for this work should be:

#### Phase I

Phase I Program at \$210,000.00 should consist of more detailed geological mapping, geochemical soil and rock sampling, and expansion of anomalous zones, IP geophysics, extension of the road and trenching of targets.

Permits, approvals & planning		\$5,000.00
Senior Geologist	40 days @ \$600/day	\$24,000.00
Geotechnician	40 days @ \$400/day	\$16,000.00
Geotechnician	40 days @ \$300/day	\$13,000.00
Labourer	40 days @ \$250/day	\$10,000.00
IP Geophysics		\$35,000.00
Equipment Rental		
(2) 4x4 Trucks	40 days @ \$75/day (X2)	\$6,000.00
(2) 4-Trax	40 days @ \$50/day (X2)	\$4,000.00
Camp @ \$3,000/month		\$4,500.00
Excavator - Trail Building		\$20,000.00
Excavator - Trenching		\$10,000.00
Petrographic Work		\$5,000.00
Food and Fuel, Mob/Demob		\$4,000.00
Assays	1500 samples @ \$15/sample	\$22,500.00
Field Supplies (pickets, tags, sam	ple bags, flagging, etc.)	\$2,000.00
Preparation, Drafting and		\$10,000.00
Report Writing		
Contingency @ ~10%		\$19,000.00
TOTAL – Phase I		\$ 210,000.00

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## STATEMENT of QUALIFICATIONS

June 30, 2009

## STATEMENT OF QUALIFICATIONS

I, J. T. (Jo) Shearer, M.Sc., P.Geo., of Unit 5 – 2330 Tyner St., Port Coquitiam, B.C. V3C 2Z1 do hereby certify that: I am an independent consulting geologist and principal of Homegold Resources Ltd.

This Certificate applies to the Technical Report titled: GEOLOGICAL, PROSPECTING, GEOCHEMICAL and TRENCHING ASSESSMENT REPORT ON THE McGILLIVRAY PROPERTY, LYTTON-LILLOOET AREA,, Prepared for Atocha Resources Inc., Vancouver, B.C., Prepared by myself, J. T. SHEARER, M.Sc., P.Geo., Consulting Geologist, #5-2330 Tyner St., Port Coquitlam, B.C., V3C 2Z1 dated June 30, 2009.

My academic qualifications are as follows: Bachelor of Science, (B.Sc.) in Honours Geology from the University of British Columbia, 1973, Associate of the Royal School of Mines (ARSM) from the Imperial College of Science and Technology in London, England in 1977 in Mineral Exploration, and Master of Science (M.Sc.) in Geology from the University of London, UK, 1977

I am a Member In good standing of the Association of Professional Engineers and Geoscientists in the Province of British Columbia (APEGBC) Canada, Member No.19279 and a Fellow of the Geological Association of Canada, (Fellow No. F439)

I have been professionally active in the mining industry continuously for over 30 years since initial graduation from university and have worked on several nearby mineral properties.,

I inspected the McGillivray Property between May 24 2009 and June 14, 2009. Working on May 29 & 30, and June 1-3 and 9-13, 2009.

That as of the date of the certificate, to the best of the my knowledge, information and belief, this technical report contains all scientific and technical information that is required to be disclosed to make the technical report not misleading.

I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them, including electronic publication in the public company files on their websites accessible by the public, of the Technical Report.

Signed and dated in Vancouver B.C.

une 30 2009

J.T. Jo) Shearer, M.Sc.

**APPENDIX II** 

**STATEMENT of COSTS** 

June 30, 2009

## Statement of Costs McGillivray Project 2009

Grand Tatal	Ć 15 190 1
Total Expenses	\$ 28,890.4
Word Processing and Reproduction	600.0
Report Preparation	3,500.0
Analytical – 132 Samples	6,500.0
May 29-June 10/09	
S. L. Shearer, Swamper/Sampler, 9 days @ \$300/day,	2,700.0
J. Stewart, Prospector, 9 days @ \$350/day, May 29-June 10/09	3,150.0
Mount Woodside Excavating	6,250.0
Meals & Food Supplies	916.0
Camp	600.0
Hotel	1,485.0
Gas	825.4
(2 trucks at times)	• • •
Fully equipped 4x4 truck, 24 days @ \$98.50 /day	\$ 2,364.0
Expenses	
Total Wages	\$ 16,590.0
GST on Wages	790.0
Subtotal	\$15,800.00
D. Heino, Longtime Prospector, 7 days @ \$400/day	2,800.00
D. G. Cardinal, B.Sc., Geologist, 10 days @ \$600/day June 2-7 & 10-13, 2009	6,000.00
May 29, 30, June 1-3 & 9-13, 2009	
J.T. Shearer, M.Sc., P.Geo., Senior Geologist, 10 days @ \$700/day	\$ 7,000.00

Grand Total \$ 45,480.40

Event # 4288115 File \$44,000 Work PAC Debit 16,162.24 Recorded June 14, 2009 **APPENDIX III** 

## ANALYTICAL CERTIFICATES

June 30, 2009

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2.24	

ISO 9001:2000 Certified E: ipl@inspectorate.com A member of the Inspectorate group of companies CERTIFICA C OF ANALYSIS iPL 09G2026



Homegold Resources Project : McGillivray		166	Sample	es Print: Aug 13, 2009 In: Jul 28	, 2009	[202612:	00:24:90081309:001]
Shipper : Johan T. Shearer Shipment: PO#: Comment:	CODE B21100 B11100 B84100 B82101 B90026	AMOUNT 131 35 9 1 1	TYPE Rock Soil Repeat Blk iPL Std iPL	PREPARATION DESCRIPTION crush, split & pulverize to -150 mesh, Dry & sift to -80 mesh, discard reject. Repeat sample - no Charge Blank iPL - no charge. Std iPL (Au Certified) - no charge			PULP REJECT 12M/Dis 03M/Dis 12M/Dis 00M/Dis 12M/Dis 00M/Dis 00M/Dis 00M/Dis
		-		- -	NS=No Sample	Rep=Replicate M=	Month Dis=Discard
	Ana	lytical		ry / ICP(AqR)30			
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1 Homegold Resources Unit 5, 2330 Tyner Street	## Code	Method	Units	Description	Element	Limit Low	Limit High
Port Coquitlam B.C. V3C 2Z1 Canada Att: Johan T. Shearer	01 0801 02 0313 03 0364 04 0721 Ph:(604)970-6402 05 0711	Spec FA/AAS FAGrav ICP ICP	Kg ppb g/mt ppm ppm	Weight in Kilogram (1 decimal place) Au FA/AAS finish 30g Au FA/Grav in g/mt Ag ICP Cu ICP	Wt Gold Gold Silver Copper	0.1 2 0.07 0.1	9999.0 10000 5000.00 100.0 10000
	06 0714 07 0730 08 0703 09 0702 10 0732	ICP ICP ICP ICP ICP	ppm ppm ppm ppm	Pb ICP Zn ICP As ICP Sb ICP Hg ICP	Lead Zinc Arsenic Antimony Mercury	2 1 5 5 3	10000 10000 10000 2000 10000
	11 0717 12 0747 13 0705 14 0707 15 0710	ICP ICP ICP ICP ICP	ppm ppm ppm ppm	Mo ICP T1 ICP (Incomplete Digestion) Bi ICP Cd ICP Co ICP	Molydenum Thallium Bismuth Cadmium Cobalt	1 10 2 0.2 1	1000 1000 2000 2000.0 10000
	16 0718 17 0704 18 0727 19 0709 20 0729	ICP ICP ICP ICP ICP	ppm ppm ppm ppm ppm	Ni ICP Ba ICP (Incomplete Digestion) W ICP (Incomplete Digestion) Cr ICP (Incomplete Digestion) V ICP (Incomplete Digestion)	Nickel Barium Tungsten Chromium Vanadium	1 2 5 1 1	10000 10000 1000 10000 10000
	21 0716 22 0713 23 0723 24 0731 25 0736	ICP ICP ICP ICP ICP	ppm ppm ppm ppm ppm	Mn ICP La ICP (Incomplete Digestion) Sr ICP (Incomplete Digestion) Zr ICP (Incomplete Digestion) Sc ICP	Manganese Lanthanum Strontium Zirconium Scandium	1 2 1 1 1	10000 10000 10000 10000 10000
	26 0726 27 0701 28 0708 29 0712 30 0715	ICP ICP ICP ICP ICP	* * * *	Ti ICP (Incomplete Digestion) Al ICP (Incomplete Digestion) Ca ICP (Incomplete Digestion) Fe ICP (Incomplete Digestion) Mg ICP (Incomplete Digestion)	Titanium Aluminum Calcium Iron Magnesium	0.01 0.01 0.01 0.01 0.01	10.00 10.00 10.00 10.00 10.00 10.00
	31 0720 32 0722 33 0719	ICP ICP ICP	* *	K ICP (Incomplete Digestion) Na ICP (Incomplete Digestion) P ICP	Potassium Sodium Phosphorus	$ \begin{array}{c} \begin{array}{c} 0.01\\ 0.01\\ 0.01\\ 0.01 \end{array} $	10.00 10.00 5.00

\* Our liability is limited solely to the analytical cost of these analyses.  $ID{=}C058401$  BC Certified Assayer: David Chiu, Francis Chan

Signature:

SIC -



ISO 9001:2000 Certified

Richmond, B.C., Canada V7A 4V5 P: (604) 272-7818 F: (604) 272-0851 E: ipl@inspectorate.com

#### CERTIFICA COF ANALYSIS iPL 09G2026



lient : Homegold Resources roject: McGillivray	Ship#		6 Samp 1:	o <b>les</b> 31=Rock	35=Soil	9≃Re	peat	1=B1	k iPL	1 [20	2612002	490081	P 309001	rint: Au   In: Ju	ig 13, 20 1 28, 20	)09 )09	Page Sect	1 ion 1	of 5 of 2
Sample Name	Туре	Wt Kg	Au ppb	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	TT mqq	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W mqq
MG-E Rock 1	Rock	1.0	9	_	0.2	16	<2	95	<5	<5	<3	<1	<10	40	<0.2	5	23	41	<5
MG-E Rock 2	Rock	1.3	8	—	0.3	18	<2	123	<5	<5	<3	<1	<10	38	<0.2	5	31	35	<5
MG-E Rock 3	Rock	1.5	15	<u> </u>	0.3	32	<2	97	<5	<5	<3	<1	<10	21	<0.2	9	30	24	<5
MG-E Rock 4	Rock	1.4	8		0.4	107	<2	106	<5	<5	<3	<1	<10	26	<0.2	9	27	23	<5
MG-E Rock 5	Rock	1.7	8	—	0.2	80	<2	115	<5	<5	<3	<1	<10	23	<0.2	7	20	33	<5
MG-E Rock 6	Rock	1.8	15	—	0.4	100	<2	65	<5	<5	<3	<1	<10	10	<0.2	5	14	27	<5
MG-E Rock 7	Rock	1.9	15	—	0.6	274	<2	100	<5	<5	<3	<1	<10	22	<0.2	11	17	27	<5
MG-E Rock 8	Rock	2.3	18	—	0.4	91	<2	94	<5	<5	<3	<1	<10	10	<0.2	14	19	24	<5
MG-E Rock 9	Rock	1.5	11	_	0.4	87	<2	91	<5	<5 -5	<3	<1	<10	12	<0.2	14	18	22	<5
MG·E Rock 10	Rock	1.9	10	_	0.3	82	<2	147	<5	<5	<3	2	<10	17	<0.2	14	14	24	<5
MG-E Rock 11	Rock	1.9	10		0.2	61	<2	128	<5	<5	<3	2	<10	15	<0.2	11	21	29	<5
MG-E Rock 12	Rock	3.4	10	—	0.2	56	<2	143	<5	<5	<3	1	<10	14	<0.2	17	33	28	<5
MG-E Rock 13	Rock	3.6	8		0.2	48	<2	133	<5	<5	<3	1	<10	15	<0.2	18	36	31	<5
MG-E Rock 14	Rock	3.2	10 7	—	0.2	45	<2	162	<5 <5	<5 <5	<3 <3	2 <1	<10	15 13	<0.2	16 21	33 28	22 22	<5 <5
MG-E Rock 15	Rock	3.9	/	_	<0.1	26	<2	108	<>>	< <u>&gt;</u>	<3	~1	<10	13	<0.2	21	20	22	< <u>&gt;</u>
1G-E Rock 16	Rock	3.2	8	—	0.1	29	<2	108	<5	<5	<3	<1	<10	12	<0.2	19	26	24	<5
IG-E Rock 17	Rock	3.8	10	—	0.1	27	<2	117	<5	<5	<3	<1	<10	12	<0.2	21	26	29	<[
IG-E Rock 18	Rock	2.8	10	—	0.1	15	<2	102	<5	<5 -5	<3	<1	<10	13	<0.2	19	26	34	<
MG-E Rock 19 MG-E Rock 20	Rock Rock	3.5 2.9	11 8		0.2 0.1	34 28	<2 <2	113 101	<5 <5	<5 <5	<3 <3	1 <1	<10 <10	16 10	<0.2 <0.2	16 13	22 21	23 15	<5 <5
MG-E Rock 21					0.2			140		<5			<10	11	<0.2	18	28	22	<5
MG-E Rock 22	Rock Rock	2.0 2.9	12 12	_	0.2	35 41	<2 <2	127	<5 10	<5 <5	<3 <3	4 5	<10	16	<0.2	15	17	17	<5
MG-E Rock 23	Rock	2.6	8		0.2	40	<2	119	<5	<5	~~ ⊲	ž	<10	14	<0.2	14	18	28	<5
1G-E Rock 24	Rock	2.6	11		0.1	35	<2	168	<5	<Š	<3	<1	<10	21	<0.2	24	21	26	<5
MG-E Rock 25	Rock	2.7	9		0.1	34	<2	169	<5	<5	<3	<1	<10	15	<0.2	19	20	22	<5
MG-E Rock 26	Rock	2.4	10	_	0.2	41	<2	185	<5	<5	<3	<1	<10	17	<0.2	29	<b>2</b> 1	25	<5
1G-E Rock 27	Rock	2.4	11	_	0.3	56	<2	186	<5	<5	<3	1	<10	11	<0.2	19	18	36	<5
1G-E Rock 28	Rock	2.0	12	_	0.2	35	<2	179	<5	<5	<3	1	<10	18	<0.2	17	23	34	<5
1G-E Rock 29	Rock	2.3	23	—	0.2	14	<2	124	<5	<5	<3	1	<10	21	<0.2	14	17	40	<5
1G-E Rock 30	Rock	2.5	16	—	0.2	13	<2	122	<5	<5	<3	1	<10	22	<0.2	14	17	38	<5
MG-E Rock 31	Rock	2.2	10		0.3	29	<2	128	<5	<5	<3	1	<10	14	<0.2	16	31	26	<5
1G-E Rock 32	Rock	2.1	10	_	0.3	32	<2	168	<5	<5	<3	1	<10	53	<0.2	13	25	19	<5
1G-E Rock 33	Rock	2.8	16	—	0.4	3	< <u>2</u>	148	<5	<5	<3	<1	<10	30	<0.2	9	32	15	<
1G-E Rock 34	Rock	3.0	12		0.3	5	<2	178	<5	<5	<3	<1	<10	31	<0.2	11	41	23	<5
IG-E Rock 35	Rock	2.3	16		0.3	11	<2	192	<5	<5	<3	1	<10	21	<0.2	11	50	21	<5
1G-E Rock 36	Rock	2.3	14		0.3	11	<2	135	<5	<5	<3	2	<10	29	<0.2	15	30	26	<5
1G-E Rock 37	Rock	2.4	13		0.3	12	<2	117	<5	<5	<3	<1	< <u>1</u> 0	21	<0.2	10	35	20	<
IG-E Rock 38	Rock	2.1	9	_	0.2	6	<2	104	<5	<5	<3	<1	<10	21	<0.2	8	36	21	<5
IG-E Rock 39	Rock	2.1	8		0.2	1	<2	168	<5	<5	<3	<1	<10	22	<0.2	8	54	16	<5
				0.07												1			
nimum Detection Eximum Detection	1	0.1 9999.0 1	2 10000 50	0.07 00.00 1	0.1 00.0 10	1 000 1000	2 10 10	1 000 10	5 )000 2	5 2000 10	3 0000	1 1000	10 1000	2 2000 2	0.2	$1 \\ 10000 1$	1 .0000 1	2 0000	5 1000
thod		Spec FA		AGrav				ICP		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP
No Test Ins=Insufficient Sample	Del=Delav i																		

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E: ipl@inspectorate.com

#### CERTIFICA E OF ANALYSIS iPL 09G2026



lient : Homegold Resources roject: McGillivray	Shi	ip#	166	Samp	<b>les</b> 31=Rock	35 <del>-</del> So	i]	9≃Repeat	1=B1	k iPL	1 [2026]	2002490	08130900	Print: A 1] In: J	lug 13, 20 Jul 28, 20	)09 Page )09 Sectior	1 of 2 of	
Sample Name	Cr ppm	V ppm	Мn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti X	A1 %	Ca X	Fe %	Mg X	K %	Na %	- ۲ ۲			
MG-E Rock 1 MG-E Rock 2 MG-E Rock 3 MG-E Rock 4 MG-E Rock 5	160 173 156 119 47	<1 <1 <1 <1 <1 <1	729 1122 991 1145 1242	205 290 236 285 316	15 13 11 9 12	<1 <1 <1 <1 <1 <1	9 11 7 12 18	0.13 0.13 0.17 0.15 0.14	3.20 4.18 3.53 3.96 4.67	0.12 0.12 0.17 0.16 0.21	14% 13% 9.52 10% 9.41	2.69 3.54 2.99 3.43 3.84	0.12 0.10 0.07 0.07 0.12	0.01 0.01 0.01 0.02 0.02	0.05 0.05 0.04 0.04 0.03			
1G-E Rock 6 1G-E Rock 7 1G-E Rock 8 1G-E Rock 9 1G-E Rock 9	39 55 51 51 37	<1 <1 <1 <1 <1	763 1365 981 952 1187	179 282 217 213 200	29 24 28 28 15	<1 <1 <1 <1 <1	9 11 8 7 5	0.15 0.12 0.12 0.12 0.06	3.04 4.04 3.35 3.23 3.42	0.48 0.37 0.57 0.58 0.57	5.85 8.70 5.51 5.27 6.04	2.27 3.38 2.74 2.65 2.51	0.06 0.10 0.05 0.05 0.07	0.03 0.05 0.09 0.09 0.06	$\begin{array}{c} 0.03 \\ 0.03 \\ 0.03 \\ 0.03 \\ 0.03 \\ 0.03 \end{array}$			
MG-E Rock 11 MG-E Rock 12 MG-E Rock 13 MG-E Rock 14 MG-E Rock 15	54 74 108 109 44	<1 <1 <1 <1 <1	981 1189 1292 1540 1459	221 220 272 317 307	27 29 24 20 31	<1 1 <1 <1 <1 <1 <1	8 10 10 4 12	0.09 0.08 0.11 0.19 0.15	3.42 3.57 3.90 4.26 4.32	0.51 0.60 0.45 0.42 0.58	6.24 5.85 6.78 8.33 7.05	2.75 2.77 3.29 3.75 3.70	0.07 0.07 0.06 0.04 0.05	0.04 0.06 0.03 0.02 0.04	0.04 0.05 0.05 0.06 0.03			
MG-E Rock 16 MG-E Rock 17 MG-E Rock 18 MG-E Rock 19 MG-E Rock 20	36 39 37 44 64	<1 <1 <1 <1 <1	1349 1303 1303 1433 1110	284 272 284 293 232	34 30 20 33 30	<1 1 <1 1 1	10 9 9 10 6	0.15 0.15 0.17 0.16 0.18	4.05 4.05 3.80 3.93 3.29	0.53 0.66 0.41 1.44 0.56	6.78 7.39 7.20 7.76 6.80	3.54 3.46 3.42 3.48 3.00	0.06 0.08 0.05 0.05 0.03	0.03 0.04 0.02 0.02 0.02	0.03 0.04 0.03 0.04 0.04			
4G-E Rock 21 4G-E Rock 22 4G-E Rock 23 4G-E Rock 23 4G-E Rock 24 4G-E Rock 25	98 41 44 35 41	<1 <1 <1 <1 <1	1202 966 1171 1359 1214	227 225 228 310 219	29 32 21 19 17	2 <1 <1 <1 <1 1	6 5 6 9 8	0.18 0.17 0.17 0.14 0.12	3.28 3.24 3.18 4.04 3.04	0.58 0.58 0.48 0.52 0.57	6.66 8.00 7.33 8.74 6.90	2.82 2.81 2.84 3.71 2.78	0.03 0.02 0.03 0.05 0.04	0.01 0.01 0.02 0.02	0.05 0.05 0.03 0.03 0.03			
4G-E Rock 26 4G-E Rock 27 4G-E Rock 28 4G-E Rock 29 4G-E Rock 30	55 47 39 31 31	<1 <1 <1 <1 <1	1498 1426 1688 1572 1501	284 227 295 307 299	32 43 31 44 44	2 1 2 <1 <1	9 9 16 16 16	0.21 0.17 0.12 0.16 0.15	4.01 3.81 4.43 4.81 4.68	0.76 0.97 0.93 0.91 0.90	9.21 6.83 7.49 9.02 8.96	3.50 2.83 3.58 3.70 3.63	0.04 0.06 0.06 0.13 0.12	0.02 0.03 0.03 0.04 0.04	0.04 0.04 0.04 0.04 0.04			
IG-E Rock 31 IG-E Rock 32 IG-E Rock 33 IG-E Rock 34 IG-E Rock 35	109 139 138 161 167	<1 <1 <1 <1 <1	1644 989 1381 1683 1721	331 256 329 389 380	35 11 13 19 19	<1 <1 <1 <1 <1	13 2 6 6 8	0.23 0.14 0.16 0.19 0.18	4.71 3.67 4.44 5.21 4.93	0.87 0.40 0.54 0.46 0.42	8.76 16% 11% 12% 9.72	3.92 3.21 3.92 4.56 4.38	0.07 0.02 0.02 0.02 0.03	0.02 0.02 0.01 0.01 0.01	0.04 0.05 0.04 0.05 0.05			
1G-E Rock 36 4G-E Rock 37 1G-E Rock 38 1G-E Rock 39	166 145 153 163	<1 <1 <1 <1	917 1103 1132 1760	228 237 238 458	33 27 25 17	1 1 2 1	2 3 5 6	0.18 0.19 0.19 0.23	3.09 3.38 3.24 5.76	0.45 0.47 0.55 0.39	11% 9.61 9.38 11%	2.91 3.02 2.97 5.03	0.04 0.03 0.03 0.01	0.02 0.01 0.01 0.01	0.05 0.04 0.05 0.05			
inimum Detection aximum Detection ethod —=No Test Ins=Insufficient Sample	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	0.01 10.00 ICP % NS=N	0.01 10.00 ICP o Sample	0.01 10.00 ICP	0.01 10.00 ICP	0.01 10.00 ICP	0.01 10.00 ICP	0.01 5.00 ICP			

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#### CERTIFICA COF ANALYSIS iPL 09G2026



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Client : Homegold Resources Project: McGillivray	Ship#	160	5 Samp	<b>les</b> 31=Rock	35=Soi	9=R	Repeat	1=B1	k iPL	1 [20	2612002	4900813	P1 309001]	rint: Au   In: Ju	ıg 13, 2 11 28, 2	009 009	Page Sect	2 ion 1	of 5 of 2
Sample Name	Туре	Wt Kg	Au ppb	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	T] ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm
MG-E Rock 40 MG-E Rock 41 MG-E Rock 42 MG-E Rock 43 MG-E Rock 44	Rock Rock Rock Rock Rock Rock	2.2 1.6 2.1 2.2 2.3	13 24 12 15 17		0.1 0.1 <0.1 <0.1 0.2	2 14 22 32 35	<2 <2 <2 <2 <2 <2 <2	130 130 97 82 91	<5 <5 <5 <5 <5	<5 <5 <5 <5 <5	ଏ ସ ସ ସ ସ ସ ସ ସ ସ ସ ସ ସ ସ ସ ସ ସ ସ ସ ସ ସ	<1 <1 <1 <1 <1 <1	<10 <10 <10 <10 <10	21 31 15 9 17	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2	6 8 10 17	42 29 34 9 20	16 22 39 30 49	<5 <5 <5 <5 <5
MG-E Rock 45 MG-E Rock 46 MG-E Rock 47 MG-E Rock 48 MG-E Rock 49	Rock Rock Rock Rock Rock	1.9 1.7 2.0 2.2 2.8	13 13 12 33 10		0.2 0.1 0.1 <0.1 <0.1	71 21 23 9 7	<2 <2 <2 <2 <2	156 79 118 153 127	<5 <5 <5 <5 <5	<5 <5 <5 <5	\	<1 <1 <1 <1 <1	<10 <10 <10 <10 <10	37 19 24 30 25	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2	14 6 7 8 7	33 26 26 45 37	24 18 20 18 21	<5 <5 <5 <5
MG-E Rock 50 MG-E Rock 51 MG-E Rock 52 MG-E Rock 53 MG-E Rock 54	Rock Rock Rock Rock Rock Rock	2.7 4.5 5.3 6.7 6.7	12 12 18 17 23		0.1 0.3 0.3 0.3 0.4	17 46 157 185 279	<2 <2 <2 <2 <2	152 133 206 285 264	<5 <5 6 11 <5	<5 <5 <5 <5	ଏ ଓ ଓ ଓ ଓ ଓ ଓ	2 <1 <1 <1 <1	<10 <10 <10 <10 <10	27 11 20 19 21	<0.2 <0.2 <0.2 <0.2 <0.2	10 13 33 56 57	19 17 65 98 115	31 33 148 29 24	<5 <5 <5 <5
MG-E Rock 55 MG-E Rock 56 MG-M Road 1 MG-M Road 2 MG-M Road 3	Rock Rock Rock Rock Rock Rock	4.7 2.5 3.7 3.8 2.5	18 10 12 12 11	 	0.1 0.1 0.2 0.2	87 85 112 111 106	<2 <2 4 <2 2	226 221 207 219 225	<5 <5 6 7 <5	<5 <5 <5 <5 <5	ଏ ଅ ଅ ଅ ଅ ଅ ଅ ଅ ଅ ଅ ଅ ଅ ଅ ଅ ଅ ଅ ଅ ଅ ଅ ଅ	<1 <1 1 <1 <1	<10 <10 <10 <10 <10	19 14 8 10 10	<0.2 <0.2 <0.2 <0.2 <0.2	54 42 16 19 23	120 83 20 21 20	34 24 28 35 30	<5 <5 <5 <5
MG-M Road 4 MG-M Road 5 MG-M Road 6 MG-M Road 7 MG-M Road 8	Rock Rock Rock Rock Rock Rock	1.5 1.7 1.8 2.3 2.0	10 10 14 21 10		0.2 0.2 0.1 0.1 <0.1	120 31 18 14 13	4 <2 <2 <2 <2	238 84 107 101 138	<5 <5 <5 <5 <5	<5 <5 <5 <5 <5	ଏ ସ ସ ସ ସ ସ	<1 <1 <1 <1 <1	<10 <10 <10 <10 <10	13 22 27 21 24	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2	19 5 6 7	22 16 30 11 19	37 32 23 52 27	<5 <5 <5 <5 <5
MG-M Road 9 MG-M Road 10 MG-M Road 11 MG-M Road 12 MG-M Road 13	Rock Rock Rock Rock Rock Rock	1.8 2.3 2.0 1.8 1.6	12 12 11 10 10		<0.1 0.1 0.2 0.1 <0.1	18 24 35 24 12	<2 <2 <2 <2 <2	132 100 88 127 83	<5 <5 <5 <5 <5	<5 <5 <5 <5 <5	র এএএএএ	<1 <1 <1 <1 <1	<10 <10 <10 <10 <10	21 27 15 17 17	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2	10 7 12 11 13	13 22 24 34 29	61 37 41 24 21	<5 <5 <5 <5 <5
MG-M Road 14 MG-M Road 15 MG-M Road 16 MG-M Road 17 MG-M Road 18	Rock Rock Rock Rock Rock Rock	1.4 1.6 1.3 1.7 1.7	5 5 12 23 12		0.1 0.1 0.1 0.1 0.2	24 11 11 21 8	<2 <2 <2 <2 <2	89 94 110 128 156	<5 <5 <5 <5 <5	<5 <5 <5 <5 <5	<3 <3 <3 <3	<1 <1 <1 <1 <1	<10 <10 <10 <10 <10	27 21 28 32 35	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2	14 7 8 14 9	18 32 41 34 43	38 19 16 25 24	<5 <5 <5 <5 <5
MG-M Road 19 MG-M Road 20 MG-M Road 21 MG-M Road 22	Rock Rock Rock Rock	2.0 2.2 2.5 2.6	10 21 7 15		0.2 0.1 <0.1 0.1	4 26 29 16	<2 <2 <2 <2	149 146 104 136	<5 <5 <5 <5	<5 <5 <5 <5	3 3 3 3 3 3 3	<1 <1 <1 <1	<10 <10 <10 <10	30 39 33 27	<0.2 <0.2 <0.2 <0.2	7 8 5 6	43 32 25 41	28 27 28 24	<5 <5 <5 <5
linimum Detection laximum Detection lethod ——No Test Ins=Insufficient Sample		Spec FA	A/AAS F	AGrav	ICP	ICP	ICP	ICP	ICP	ICP		1 1000 ICP	10 1000 ICP	2 2000 ICP	0.2 2000.0 ICP	1 10000 1 ICP	1 10000 1 ICP	2 0000 1CP	5 1000 ICP

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#### CERTIFICA TOF ANALYSIS iPL 09G2026



Client : Homegold Resources Project: McGillivray	Shi	p#	166	Samp	<b>les</b> 31=Rock	35 <del>-</del> Soi	1	9=Repeat	1=B]	lk iPL	1 [2026	12002490	08130900	Print: / )1] In: J	lug 13. Jul 28,	2009 Page 2 o 2009 Section 2 o	f 5 f 2
Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti X	A1 %	Ca %	Fe %	Mg %	K %	Na %	P %		
MG-E Rock 40 MG-E Rock 41 MG-E Rock 42 MG-E Rock 43 MG-E Rock 43 MG-E Rock 44	150 148 129 26 46	<1 <1 <1 <1 <1 <1	1597 1342 976 853 984	347 287 220 137 160	13 18 56 59 55	1 <1 <1 <1 <1 <1	7 4 7 7 10	0.20 0.21 0.25 0.17 0.15	4.59 4.16 4.08 3.02 3.81	0.40 0.32 0.55 0.58 0.65	11% 13% 8.80 6.33 7.86		0.02 0.02 0.06 0.04 0.04	0.01 0.01 0.02 0.06 0.12	0.05 0.06 0.05 0.04 0.04		
MG-E Rock 45 MG-E Rock 46 MG-E Rock 47 MG-E Rock 48 MG-E Rock 49	135 132 132 169 135	<1 <1 <1 <1 <1	1142 843 1318 1933 1413	241 165 249 395 269	13 19 16 14 19	<1 <1 <1 <1 <1	9 3 5 3	0.12 0.17 0.20 0.20 0.21	4.11 2.68 3.57 5.21 3.84	0.18 0.35 0.34 0.26 0.29	13% 8.27 10% 12% 11%	3.08 2.20 3.11 4.55 3.35	0.06 0.03 0.03 0.03 0.03	0.02 0.01 0.01 0.01 0.01	0.04 0.03 0.04 0.05 0.04		
MG-E Rock 50 MG-E Rock 51 MG-E Rock 52 MG-E Rock 53 MG-E Rock 53	52 60 118 160 202	<1 <1 <1 <1 <1	1677 872 1589 3101 3289	298 94 147 181 196	30 19 73 150 184	<1 2 <1 <1 <1	5 5 13 19 20	0.21 0.05 0.01 <0.01 0.01	4.28 2.05 2.96 2.75 2.23	0.27 0.63 3.50 6.52 7.49	11% 4.05 5.71 6.22 6.98	3.66 1.33 2.00 2.38 2.60	0.06 0.08 0.05 0.04 0.03	0.03 0.04 0.02 0.01 0.01	0.05 0.04 0.04 0.04 0.03		
MG-E Rock 55 MG-E Rock 56 MG-M Road 1 MG-M Road 2 MG-M Road 3	194 147 56 57 50	87 <1 <1 <1 <1	2711 2118 925 981 1360	247 185 124 140 167	252 155 26 25 21	<1 1 2 2 <1	19 14 5 6	0.01 0.04 0.08 0.09 0.10	2.22 2.32 2.36 2.63 3.19	8.80 6.50 0.79 0.78 0.70	6.32 5.40 4.28 4.62 5.10	3.18 2.45 1.70 1.92 2.29	0.03 0.05 0.07 0.08 0.07	0.01 0.03 0.07 0.08 0.06	0.03 0.04 0.05 0.05 0.05		
MG-M Road 4 MG-M Road 5 MG-M Road 6 MG-M Road 7 MG-M Road 8	50 76 126 24 53	<1 <1 <1 <1 <1	1248 702 1158 1106 1675	160 125 205 211 297	20 13 16 26 21	1 2 <1 <1 <1	7 5 6 9	0.08 0.06 0.13 0.19 0.18	3.09 2.43 3.18 3.19 4.40	0.58 0.31 0.35 0.28 0.38	5.77 7.35 10% 9.69 9.90	2.18 1.98 2.86 2.78 3.80	0.06 0.05 0.04 0.06 0.06	0.04 0.02 0.02 0.03 0.02	0.05 0.03 0.05 0.04 0.04		
MG-M Road 9 MG-M Road 10 MG-M Road 11 MG-M Road 12 MG-M Road 13	34 97 99 114 130	<1 <1 <1 <1 <1	1619 1173 970 1422 843	272 211 163 275 164	39 19 32 22 20	<1 1 <1 <1 2	13 5 7 4 3	0.20 0.20 0.21 0.24 0.15	4.48 3.31 3.28 4.38 2.67	0.45 0.36 0.46 0.33 0.32	9.91 11% 8.20 9.77 8.26	3.49 2.79 2.20 3.50 2.23	0.14 0.04 0.03 0.03 0.04	0.06 0.02 0.04 0.03 0.01	0.05 0.05 0.04 0.05 0.05		
MG-M Road 14 MG-M Road 15 MG-M Road 16 MG-M Road 17 MG-M Road 18	66 128 142 111 137	<1 <1 <1 <1 <1	750 997 1205 1218 1946	160 231 252 206 335	21 8 9 11 7	<1 <1 <1 <1 <1	8 5 11 9	0.13 0.11 0.13 0.07 0.11	3.19 3.16 3.49 3.73 5.19	0.29 0.14 0.19 0.28 0.12	9.80 8.20 10% 10% 12%	2.22 3.05 3.37 2.82 4.24	0.03 0.03 0.02 0.07 0.06	0.06 0.01 0.01 0.02 0.01	0.06 0.05 0.04 0.06 0.04		
MG-M Road 19 MG-M Road 20 MG-M Road 21 MG-M Road 22	142 108 109 143	<1 <1 <1 <1	2098 1509 1200 1407	337 273 181 272	14 11 10 14	<1 <1 <1 <1	9 12 10 5	0.14 0.11 0.09 0.18	5.24 4.62 2.92 4.10	0.27 0.21 0.37 0.40	12% 15% 12% 12%	4.35 3.73 2.62 3.64	0.05 0.05 0.02 0.03	0.01 0.02 0.02 0.01	0.05 0.06 0.06 0.05		
finimum Detection Maximum Detection Method ————————————————————————————————————	ICP	ICP	ICP	ICP	ICP		ICP	ICP	0.01 10.00 ICP 6 NS=N	0.01 10.00 ICP to Sample	0.01 10.00 ICP	0.01 10.00 ICP	0.01 10.00 ICP	0.01 10.00 ICP	0.01 5.00 ICP		

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#### **CERTIFICA COF ANALYSIS** iPL 09G2026



Client : Homegold Resources Project: McGillivray	Ship#		5 Samp	l <b>es</b> 31=Rock	35=Soil	9=	Repeat	1=B1	k iPL	1 [20	2612002	490081	P 309001	rint: Au ] In: Ju		009 009	Page Sect	3 ion 1	of 5 of 2
Sample Name	Туре	Wt Kg	Au ppb	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	T1 ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm
MG-M Road 23 MG-M Road 24 MG-M Road 25 MG-M Road 26 MG-M Road 27	Rock Rock Rock Rock Rock Rock	3.1 2.0 3.2 2.3 2.5	10 7 16 12 12		0.3 0.2 0.2 0.2 0.3	62 20 13 10 25	<2 <2 <2 <2 <2 <2 <2 <2	140 93 87 130 158	<5 <5 <5 <5 <5	<5 <5 <5 <5 <5 <5	ଏ ୧୯ ୧୯ ୧୯ ୧୯	<1 <1 <1 <1 <1 <1	<10 <10 <10 <10 <10 <10	31 32 27 31 27	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2	12 9 18 52 46	45 17 14 36 32	35 113 249 92 39	<5 <5 <5 <5 <5 <5
MG-M Road 28 MG-M Road 29 MG-M Road 30 MG-M Road 31 MG-M Road 32	Rock Rock Rock Rock Rock Rock	1.9 2.3 1.9 1.7 1.0	25 10 8 12 9		0.3 0.4 0.4 0.4 0.3	50 88 71 79 57	<2 <2 <2 <2 <2	118 162 132 176 147	<5 <5 <5 <5 <5	<5 <5 <5 <5	<br <br <br </td <td>&lt;1 &lt;1 &lt;1 &lt;1 &lt;1</td> <td>&lt;10 &lt;10 &lt;10 &lt;10 &lt;10</td> <td>23 35 29 30 21</td> <td>&lt;0.2 &lt;0.2 &lt;0.2 &lt;0.2 &lt;0.2</td> <td>13 13 5 10 10</td> <td>19 15 14 20 13</td> <td>50 36 52 32 49</td> <td>&lt;5 &lt;5 &lt;5 &lt;5 &lt;5</td>	<1 <1 <1 <1 <1	<10 <10 <10 <10 <10	23 35 29 30 21	<0.2 <0.2 <0.2 <0.2 <0.2	13 13 5 10 10	19 15 14 20 13	50 36 52 32 49	<5 <5 <5 <5 <5
MG-M Road 33 MG-T2 1 MG-T2 2 MG-T2 3 MG-T2 4	Rock Rock Rock Rock Rock	1.6 2.8 3.0 2.8 2.0	17 16 13 27 8		0.3 0.3 0.3 0.7 0.4	78 73 78 1170 144	<2 <2 <2 <2 <2 <2	150 123 135 652 157	<5 12 20 <5 <5	<5 <5 <5 <5	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	<1 <1 <1 <1 <1	<10 <10 <10 <10 <10	25 22 23 26 18	<0.2 <0.2 <0.2 <0.2 <0.2	9 36 38 32 20	16 86 89 34 10	88 26 15 28 26	<5 <5 <5 <5 <5
MG-T2-GRAB 1 MG-T3-1 MG-T3-2 MG-T4-1 MG-T4-2	Rock Rock Rock Rock Rock Rock	2.2 3.9 4.6 4.2 4.8	9 14 18 19 10		1.0 0.3 0.4 0.3 0.3	2029 26 92 56 38	6 <2 <2 <2 <2 <2	492 108 102 76 69	<5 10 20 <5 <5	<5 <5 <5 <5 <5	~~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	<1 <1 <1 <1 <1	<10 <10 <10 <10 <10	27 8 13 19 18	<0.2 <0.2 <0.2 <0.2 <0.2	33 9 18 35 34	31 12 29 93 94	22 11 52 39 122	<5 <5 <5 <5 <5
MG-West 1 MG-West 2 MG-W 1 MG-W 2 MG-W 3	Rock Rock Rock Rock Rock	2.2 2.7 0.6 1.4 1.1	15 12 21 26 23		0.4 0.7 1.1 1.1 0.6	162 1330 441 436 245	<2 <2 <2 <2 <2 <2	152 536 126 127 121	<5 <5 26 24 <5	<5 <5 <5 <5 <5	ଏ ସ ସ ସ ସ ସ ସ ସ ସ ସ ସ ସ ସ ସ ସ ସ ସ ସ ସ ସ	<1 <1 <1 <1 <1	<10 <10 <10 <10 <10	21 29 18 17 11	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2	21 36 43 44 30	12 49 13 13 11	25 20 27 28 24	<5 <5 <5 <5 <5
MG-W 4 MG-W 5 MG-W 6 MG-W 7 MG-W 8	Rock Rock Rock Rock Rock Rock	1.4 1.2 1.0 1.3 1.5	20 8 10 25 14		0.3 0.4 0.3 0.4 0.3	77 28 24 83 8	<2 <2 <2 <2 <2 <2	136 179 198 151 185	<5 <5 <5 <5 <5	<5 <5 <5 <5 <5	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	<1 <1 <1 <1 <1	<10 <10 <10 <10 <10	8 6 9 8 7	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2	18 14 12 12 9	19 23 16 8 9	13 11 12 7 7	<5 <5 <5 <5 <5
MG-W 9 MG-W 10 MG-W 11 MG-W 12 MG-W 13	Rock Rock Rock Rock Rock	1.7 1.1 1.4 0.6 1.4	8 16 13 19 12		0.3 0.3 0.3 0.4 0.4	33 84 37 34 42	<2 <2 <2 <2 <2 <2	165 166 196 287 400	<5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	<5 <5 <5 <5 <5	<3 <3 <3 <3 <3	<1 <1 <1 <1 <1	<10 <10 <10 <10 <10	8 10 6 8 7	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2	11 15 10 12 11	10 9 6 13 7	10 14 8 10 12	<5 <5 <5 <5 <5
MG-W 14 MG-W 15 MG-W 16 MG-W 17	Rock Rock Rock Rock	1.0 1.1 1.0 1.0	9 12 14 9	 	0.3 0.4 0.5 0.4	26 29 27 43	<2 <2 <2 <2 <2	281 204 205 225	<5 <5 <5 <5	<5 <5 <5 <5	<3 <3 <3 <3	<1 <1 1 <1	<10 <10 <10 <10	7 10 9 11	<0.2 <0.2 <0.2 <0.2	7 7 8 12	6 9 9 20	8 13 13 14	<5 <5 <5 <5
finimum Detection Maximum Detection Method —=No Test Ins=Insufficient Sample		Spec FA	l/AAS F	AGrav	ICP	ICP	ICP	ICP	ICP	ICP	3 0000 ICP	1 1000 ICP	10 1000 ICP	2 2000 2 ICP	0.2 2000.0 ICP	1 10000 1 ICP	1 .0000 1 ICP	2 .0000 ICP	5 1000 ICP



#### CERTIFICA COF ANALYSIS iPL 09G2026



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Client : Homegold Resources Project: McGillivray	Shi	ip#	166	Samp 13	<b>les</b> 31=Rock	35 <del></del> So <sup>-</sup>	i <b>1</b>	9 <del>-</del> Repeat	1=B1	k iPL	1 [2026]	12002490	08130900	Print: A D1] In: J	ug 13, 20 Jul 28, 20	)09 Page )09 Section	3 of 1 2 of	
Sample Name	Cr ppm	V mqq	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti X	A1 %	Ca %	Fe %	Mg X	K %	Na %	٩ ٢			
MG-M Road 23 MG-M Road 24 MG-M Road 25 MG-M Road 26 MG-M Road 27	120 45 31 33 47	<1 <1 <1 <1 <1 <1	1485 1124 1406 2951 2208	232 237 243 290 228	19 9 6 8	<1 <1 <1 <1 <1 <1	16 14 14 19 17	0.10 0.03 0.02 0.01 <0.01	3.99 3.76 3.83 5.20 4.86	0.55 0.34 0.35 0.27 0.19	11% 9.86 8.23 9.00 7.56	3.27 3.21 3.25 3.75 3.05	0.04 0.04 0.03 0.04 0.05	0.04 0.01 0.01 0.01 0.01	0.05 0.03 0.03 0.03 0.03			
MG-M Road 28 MG-M Road 29 MG-M Road 30 MG-M Road 31 MG-M Road 32	70 48 63 57 34	<1 <1 <1 <1 <1	871 766 659 978 817	163 137 160 226 160	18 18 16 13 11	<1 <1 <1 <1 <1	12 10 11 15 14	0.05 0.05 0.02 <0.01 <0.01	3.01 2.84 3.46 4.96 4.06	0.34 0.32 0.33 0.26 0.23	7.97 11% 8.11 9.29 6.39	2.26 2.01 2.23 3.17 2.29	0.08 0.09 0.08 0.06 0.05	0.02 0.02 0.01 0.01 0.01	0.04 0.08 0.06 0.05 0.05			
MG-M Road 33 MG-T2 1 MG-T2 2 MG-T2 3 MG-T2 4	43 88 90 46 23	<1 <1 <1 <1 128	748 1595 1797 1957 1819	179 214 203 132 90	17 71 58 54 46	<1 <1 <1 <1 <1	12 14 15 25 19	0.01 <0.01 <0.01 <0.01 0.01	4.04 3.94 4.30 2.77 2.24	0.27 8.24 8.30 5.27 5.58	7.64 6.86 7.48 8.38 6.01	2.49 2.71 2.79 1.89 1.39	0.09 0.07 0.07 0.05 0.06	$\begin{array}{c} 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.02 \end{array}$	0.05 0.05 0.05 0.07 0.08			
MG-T2-GRAB 1 MG-T3-1 MG-T3-2 MG-T4-1 MG-T4-2	66 36 66 188 180	105 31 54 <1 <1	2342 1270 1580 1507 1641	132 82 152 376 311	65 73 113 85 155	<1 <1 <1 <1 <1	22 5 8 19 19	<0.01 <0.01 <0.01 <0.01 <0.01	2.21 0.72 1.28 4.33 2.99	6.07 5.26 7.19 6.70 8.89	7.67 2.23 3.47 6.08 5.60	1.94 1.16 2.14 4.70 3.99	0.04 0.02 0.02 0.04 0.04	$\begin{array}{c} 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \end{array}$	0.05 0.01 0.02 0.04 0.03			
MG-West 1 MG-West 2 MG-W 1 MG-W 2 MG-W 3	23 84 33 29 32	108 <1 <1 <1 <1 <1	2046 2498 1298 1291 1438	124 164 154 155 170	49 49 17 17 20	<1 <1 <1 <1 <1	20 23 11 11 13	<0.01 <0.01 0.14 0.14 0.10	2.24 3.40 2.83 2.86 2.50	4.09 4.39 1.41 1.38 1.87	5.97 9.28 8.65 8.59 5.29	1.82 2.33 2.21 2.20 2.43	0.04 0.07 0.04 0.04 0.03	0.02 0.01 0.02 0.02 0.03	0.08 0.05 0.06 0.06 0.08			
MG-W 4 MG-W 5 MG-W 6 MG-W 7 MG-W 8	52 75 60 47 47	<1 <1 <1 <1 <1	1852 1562 1761 1906 1486	194 205 192 177 191	23 19 18 27 17	1 3 1 1	10 8 10 8 10	0.09 0.07 0.05 0.06 0.05	2.34 2.00 2.14 1.76 1.81	3.17 2.92 2.92 4.02 2.45	4.28 3.27 3.54 3.38 3.15	2.58 2.70 2.65 2.36 2.48	0.02 0.02 0.01 0.01 0.01	0.03 0.04 0.03 0.03 0.04	0.09 0.11 0.09 0.10 0.10			
MG-W 9 MG-W 10 MG-W 11 MG-W 12 MG-W 13	57 37 41 57 43	<1 <1 <1 <1 <1	1709 1705 1752 2003 1535	165 187 165 190 170	23 18 22 24 16	1 <1 <1 <1 <1	10 12 11 12 11	0.06 0.05 0.06 0.05 0.05	1.81 2.27 1.66 2.08 1.83	3.25 2.60 2.81 3.36 1.96	3.22 4.39 3.17 3.82 3.46	2.24 2.69 2.24 2.55 2.40	0.02 0.02 0.01 0.01 0.01	0.04 0.03 0.04 0.04 0.04	$\begin{array}{c} 0.09 \\ 0.08 \\ 0.10 \\ 0.10 \\ 0.11 \end{array}$			
MG-W 14 MG-W 15 MG-W 16 MG-W 17	42 54 47 69	<1 <1 <1 <1	1700 1554 1565 1835	131 96 98 142	32 29 28 33	2 1 2 <1	10 7 7 11	0.03 0.01 0.01 0.01	1.61 1.65 1.66 2.14	3.60 3.56 3.53 3.29	3.13 3.01 3.03 3.56	1.86 1.38 1.41 2.02	$0.01 \\ 0.03 \\ 0.03 \\ 0.04$	0.04 0.03 0.03 0.03	0.13 0.08 0.08 0.09			
finimum Detection laximum Detection lethod ————————————————————————————————————	ICP	1 0000 1 ICP IV Max	ICP	ICP		ICP	ICP	ICP	0.01 10.00 ICP % NS=N	0.01 10.00 ICP o Sample	0.01 10.00 ICP	0.01 10.00 ICP	0.01 10.00 ICP	0.01 10.00 ICP	0.01 5.00 ICP			



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Richmond, B.C., Canada V7A 4V5 P: (604) 272-7818 F: (604) 272-0851 E: ipl@inspectorate.com

#### CERTIFICA COF ANALYSIS iPL 09G2026



Client : Homegold Resources Project: McGillivray	Ship#	166	Samp 1	<b>les</b> 31=Rock	35=Soi	19=	Repeat	1=B1	k iPL	1 [20	2612002	4900813	Pr 309001]	int: Au In: Ju			Page Sect		of 5 of 2
Sample Name	Туре	Wt Kg	Au ppb	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Мо ррт	T1 ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm
MG-W 18 MG-W 19 MG-W 20 MG-W 21 MG-W 22	Rock Rock Rock Rock Rock Rock	1.0 1.1 1.3 1.3 1.4	12 11 25 12 9	 	0.4 0.4 0.4 0.4 0.5	66 65 116 149 141	<2 <2 <2 <2 <2 <2	217 179 269 166 182	<5 <5 <5 <5 <5 <5 <5	<5 <5 <5 <5 <5	<3 <3 <3 <3 <3 <3	<1 <1 <1 <1 <1 <1	<10 <10 <10 <10 <10 <10	16 17 16 17 19	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2	25 26 20 19 27	55 58 37 35 32	25 31 21 26 20	<5 <5 <5 <5 <5
MG-W 23 MG-W 24 MG-W 25 MG-W 26 MG-W 27	Rock Rock Rock Rock Rock Rock	1.0 1.0 1.2 1.1 1.3	16 12 14 87 68		1.2 0.6 0.5 0.6 0.5	740 250 128 212 120	<2 <2 <2 <2 <2	342 242 159 149 145	<5 <5 <5 8 <5	<5 <5 <5 <5 <5 <5	ব্য ব্য ব্য ব্য	<1 <1 <1 <1 <1	<10 <10 <10 <10 <10	32 24 22 22 20	<0.2 <0.2 <0.2 <0.2 <0.2	44 35 32 28 24	49 68 53 31 32	21 22 28 25 44	<5 <5 <5 <5 <5 <5
MG-W 28 MG-W 29 MG-W 30 MG-16R 05 E MG-16R 10 E	Rock Rock Rock Soil Soil	1.1 1.0 1.1	18 9 14 29 26		0.5 0.4 0.5 <0.1 0.1	58 76 74 98 139	<2 <2 9 <2 3	133 162 185 169 266	16 <5 21 9 12	<5 <5 <5 <5 <5 <5	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	<1 <1 <1 <1 <1	<10 <10 <10 <10 <10	9 11 9 12 11	<0.2 <0.2 <0.2 <0.2 <0.2	14 17 22 22 28	14 22 33 25 27	19 23 21 69 78	<5 <5 <5 <5 <5
MG-16R 15 E MG-16R 20 E MG-16R 30 E MG-16R 35 E MG-16R 40 E	Soil Soil Soil Soil Soil		25 23 41 38 27		0.1 <0.1 <0.1 0.2 0.2	163 155 178 189 147	<2 2 4 3 <2	289 296 314 285 210	12 13 13 12 9	<5 <5 <5 <5 <5 <5	~~~~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	<1 <1 <1 <1 <1	<10 <10 <10 <10 <10	13 17 22 29 39	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2	32 36 38 38 24	31 32 32 32 32 27	89 90 88 85 63	\$ \$ \$ \$ \$ \$ \$ \$ \$
MG-16R 45 E MG-16R 50 E MG-16R 55 E MG-16R 60 E MG-16R 65 E	Soil Soil Soil Soil Soil		26 19 67 51 27	 	<0.1 <0.1 <0.1 0.1 0.2	121 105 93 89 84	3 <2 <2 <2 9	185 158 165 163 162	7 8 <5 <5 <5	<5 <5 <5 <5 <5	ଏ ଅ ଅ ଅ ଅ ଅ ଅ ଅ ଅ ଅ ଅ ଅ ଅ ଅ ଅ ଅ ଅ ଅ ଅ ଅ	<1 <1 <1 <1 <1	<10 <10 <10 <10 <10	39 36 34 31 30	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2	22 16 17 17 19	25 23 21 21 24	58 50 65 72 64	<5 <5 <5 <5 <5
MG-16R 70 E MG-16R 75 E MG-16R 80 E MG-16R 85 E MG-16R 90 E	Soil Soil Soil Soil Soil		36 36 48 41 14	 	0.2 0.2 0.1 0.1 0.1	85 88 102 92 128	30 9 5 6	178 176 161 171 186	<5 <5 <5 5 5	<5 <5 <5 <5 <5	ଏ ଓ ଓ ଓ ଓ ଓ ଓ	<1 <1 <1 <1 <1	<10 <10 <10 <10 <10	35 36 33 34 30	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2	14 16 18 19 28	23 25 27 28 29	66 65 64 69 62	<5 <5 <5 <5
MG-16R 05 W MG-16R 10 W MG-16R 15 W MG-16R 20 W MG-16R 25 W	Sail Sail Sail Sail Sail		26 21 52 77 15		0.1 0.2 <0.1 <0.1 <0.1	100 154 144 159 147	<2 <2 <2 <2 <2 <2	187 206 206 233 298	<5 10 <5 <5 24	<5 <5 <5 <5 <5 <5	<3 <3 <3 <3 <3	<1 <1 <1 <1 <1	<10 <10 <10 <10 <10	19 14 18 19 16	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2	19 24 25 30 26	34 34 39 41 40	71 91 76 70 65	<5 <5 <5 <5 <5
MG-16R 30 W MG-16R 35 W MG-16R 40 W MG-16R 45 W	Soil Soil Soil Soil		25 37 72 40		<0.1 0.6 0.1 0.1	208 488 227 277	<2 3 <2 <2	307 489 164 146	13 22 19 20	\$ \$ \$ \$ \$ \$	0 0 0 0 0 0 0 0	<1 <1 <1 <1	<10 <10 <10 <10	16 20 11 11	<0.2 <0.2 <0.2 <0.2	25 30 34 35	26 32 37 36	73 60 82 73	<5 <5 <5 <5
linimum Detection laximum Detection lethod ——No Test Ins=Insufficient Sample		Spec FA	/AAS F	AGrav	ICP	ICP	ICP	ICP	ICP	ICP		1 1000 ICP	10 1000 ICP	2 2000 2 ICP	0.2 000.0 1 ICP	1 0000 1 ICP	1 0000 1 ICP	2 0000 ICP	5 1000 ICP



#### CERTIFICA OF ANALYSIS iPL 09G2026



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Client : Homegold Resources Project: McGillivray	Shi	ip#	166	Samp 13	l <b>es</b> 1=Rock	35=So1	1	9=Repeat	1≕8]	lk iPL	1 [2026	12002490	08130900	Print: A )1] In: J	lug 13, 2 Iul 28, 2	2009 Page 4 of 5 2009 Section 2 of 2
Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	A1 %	Ca %	Fe %	Mg %	K %	Na X	P %	
MG-W 18 MG-W 19 MG-W 20 MG-W 21 MG-W 22	102 101 87 77 69	<1 <1 <1 <1 <1 <1	1810 1755 1876 2024 1873	231 245 187 202 225	24 24 31 41 30	<1 <1 <1 <1 <1 <1	15 16 14 12 19	0.01 0.01 0.01 0.01 0.02	3.51 3.57 2.96 3.05 3.15	3.20 2.82 3.59 5.62 4.09	5.21 5.38 5.01 5.48 6.11	3.11 3.12 2.50 2.65 2.93	0.08 0.06 0.06 0.05 0.05	0.02 0.02 0.02 0.02 0.02 0.02	0.05 0.06 0.06 0.04 0.06	
MG-W 23 MG-W 24 MG-W 25 MG-W 26 MG-W 27	114 99 77 45 40	<1 <1 <1 127 127	2827 2519 2006 1833 1649	302 293 254 162 147	29 67 79 65 69	<1 <1 <1 <1 <1	22 18 18 21 19	0.01 <0.01 <0.01 0.01 0.01	4.55 4.15 3.66 2.62 2.16	2.89 6.02 7.14 6.72 6.88	9.96 7.39 6.70 6.48 6.26	3.75 3.59 3.25 2.19 2.02	0.05 0.06 0.05 0.05 0.05	$\begin{array}{c} 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \\ 0.01 \end{array}$	0.05 0.04 0.05 0.06 0.05	
MG-W 28 MG-W 29 MG-W 30 MG-16R 05 E MG-16R 10 E	32 62 74 44 43	60 <1 <1 <1 <1	1182 1314 1252 867 1351	76 116 156 122 121	43 39 28 80 60	<1 <1 <1 <1 1	10 11 9 10 9	0.01 0.02 0.06 0.10 0.07	0.98 1.92 2.35 4.73 3.96	5.73 4.52 2.22 1.20 1.37	2,96 3,95 4,11 6,98 5,22	1.07 1.61 2.18 1.79 1.68	0.03 0.05 0.05 0.15 0.09	$\begin{array}{c} 0.01 \\ 0.03 \\ 0.04 \\ 0.02 \\ 0.03 \end{array}$	0.03 0.04 0.04 0.07 0.04	
MG-16R 15 E MG-16R 20 E MG-16R 30 E MG-16R 35 E MG-16R 40 E	45 46 51 55 67	<1 <1 <1 <1 <1	1596 1848 2064 2156 1503	130 135 155 175 176	62 68 76 75 71	1 <1 <1 <1 <1	10 10 12 14 14	0.07 0.07 0.07 0.08 0.08	4.44 4.53 4.77 5.04 5.02	1.33 1.37 1.31 1.28 0.90	6.15 6.86 8.09 9.47 12%	1.87 1.87 2.08 2.25 2.30	$\begin{array}{c} 0.10 \\ 0.13 \\ 0.11 \\ 0.14 \\ 0.11 \end{array}$	0.03 0.02 0.02 0.02 0.02	0.04 0.05 0.07 0.07 0.11	
MG-16R 45 E MG-16R 50 E MG-16R 55 E MG-16R 60 E MG-16R 65 E	63 62 52 50 54	<1 <1 <1 <1 <1	1754 1164 1228 1153 1103	171 168 160 159 157	60 50 71 88 90	<1 <1 <1 <1 <1	13 16 15 15 14	0.08 0.09 0.07 0.07 0.07	4.93 4.92 5.06 5.08 5.24	0.72 0.45 0.65 0.77 0.82	12% 12% 12% 12% 12%	2.33 2.25 2.39	0.11 0.07 0.09 0.10 0.13	0.01 0.01 0.02 0.02 0.02	0.10 0.08 0.07 0.07 0.07	
MG-16R 70 E MG-16R 75 E MG-16R 80 E MG-16R 85 E MG-16R 90 E	66 66 62 65 59	<1 <1 <1 <1 <1	1202 1200 1079 1330 1480	173 169 144 158 150	87 69 54 60 50	<1 <1 <1 <1 <1	16 15 13 13 11	0.09 0.08 0.08 0.08 0.08 0.07	5.18 5.13 4.67 4.84 4.66	0.57 0.51 0.46 0.51 0.70	13% 13% 11% 12% 11%	2.39 2.10 2.25	0.12 0.12 0.11 0.15 0.13	0.02 0.02 0.02 0.02 0.02	0.08 0.08 0.08 0.08 0.08	
MG-16R 05 W MG-16R 10 W MG-16R 15 W MG-16R 20 W MG-16R 25 W	74 51 68 80 50	<1 <1 <1 <1 <1 <1	962 793 1310 1677 1574	168 114 121 150 148	58 53 40 41 41	1 3 2 1 2	8 9 16 16 14	0.12 0.06 0.03 0.02 0.03	4.69 4.31 4.11 3.93 4.22	1.23 0.95 0.94 1.15 1.25	7.63 5.85 5.96 5.78 5.88	2.43 1.76 1.92 2.06 2.18	0.07 0.06 0.09 0.12 0.09	0.02 0.03 0.02 0.02 0.02	0.04 0.03 0.02 0.02 0.03	
MG-16R 30 W MG-16R 35 W MG-16R 40 W MG-16R 45 W	42 56 60 56	<1 <1 <1 <1	1752 1455 1420 1267	166 183 138 129	48 51 80 95	1 2 3 2	12 14 10 9	0.06 0.08 0.11 0.09	4.42 4.42 4.86 5.00	1.30 1.17 1.52 1.82	6.19 7.09 5.47 5.53	2.44 2.43 1.97 1.90	0.12 0.05 0.15 0.17	0.02 0.02 0.03 0.03	0.03 0.04 0.03 0.05	
Minimum Detection Maximum Detection Method ————————————————————————————————————	1 10000 1 ICP Del=Dela	ICP	ICP	ICP	ICP	ICP	ICP	ICP	0.01 10.00 ICP % NS=N	0.01 10.00 ICP to Sample	0.01 10.00 ICP	0.01 10.00 ICP	0.01 10.00 ICP	0.01 10.00 ICP	0.01 5.00 ICP	



#### CERTIFICA OF ANALYSIS iPL 09G2026



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Client : Homegold Resources Project: McGillivray	Ship#	160	5 Samp 13	<b>les</b> 31=Rock	35=Soi	19=	Repeat	1 <b>=</b> 81	k iPL	1 [20	2612002	4900813	Pr 309001]	int: Aug In: Ju	13, 20 28, 20	09 09	Page Sect	5 ( ion 1 (	of 5 of 2
Sample Name	Туре	Wt Kg	Au ppb	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	T1 ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm
MG-16R 50 W MG-16R 55 W MG-16R 60 W MG-16R 65 W MG-16R 70 W	Soil Soil Soil Soil Soil Soil		19 29 23 33 32		0.1 0.1 0.1 <0.1 <0.1	229 172 157 152 181	<2 <2 <2 <2 <2	140 111 110 109 105	20 12 11 13 7	<5 <5 <5 <5 <5	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	<1 <1 <1 <1 <1 <1	<10 <10 <10 <10 <10 <10	11 11 11 12 13	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2	30 27 34 31 29	36 28 34 30 25	69 69 79 73 70	<5 <5 <5 <5 <5
MG-16R 75 W MG-16R 80 W MG-16R 85 W MG-16R 90 W Old-Working Area #1	Soil Soil Soil Soil Rock	  3.7	117 47 74 25 25		0.2 0.2 0.3 <0.1 0.3	174 318 407 206 104	<2 <2 <2 <2 14	127 95 92 98 126	12 11 16 8 <5	<5 <5 <5 <5 <5	く う う う う う	<1 <1 <1 <1 <1	<10 <10 <10 <10 <10	9 17 22 16 11	<0.2 <0.2 <0.2 <0.2 <0.2	29 33 40 30 7	25 25 26 22 8	74 97 76 66 68	<5 <5 <5 <5 <5
RE MG-E Rock 1 RE MG-E Rock 20 RE MG-E Rock 40 RE MG-M Road 3 RE MG-M Road 23	Repeat Repeat Repeat Repeat Repeat		10 8 14 11 9		0.1 <0.1 <0.1 0.2 0.3	17 27 2 106 63	<2 <2 <2 <2 <2	96 101 131 226 140	<5 <5 5 5 5 5	<5 <5 <5 <5 <5	<3 <3 <3 <3 <3 <3 <3	<1 <1 <1 <1 <1	<10 <10 <10 <10 <10	40 9 21 9 30	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2	5 12 6 23 13	23 21 44 21 48	43 15 17 31 37	<5 <5 <5 <5 <5
RE MG-T4-2 RE MG-W 18 RE MG-16R 40 E RE MG-16R 50 W B]ank iPL	Repeat Repeat Repeat Repeat Blk iPL		10 11 27 18 <2		0.1 0.2 0.2 <0.1	38 65 147 230	<2 <2 2 <2	71 217 210 141	<5 <5 9 20	<5 <5 <5 <5 -	3 2 2 2 2 2 1	<1 <1 <1 <1	<10 <10 <10 <10 	20 16 41 12	<0.2 <0.2 <0.2 <0.2	35 25 23 32 —	101 54 26 38	123 24 62 70	<ଚ ବ୍ ଚ୍ ଚ 
OXI67 OXI67 REF	Std iPL Std iPL	_	1815 1817	1.82			_	Ξ	_		_	_		_			_		
inimum Detection aximum Detection ethod —=No Test Ins=Insufficient Sample		Spec FA	VAAS F	AGrav	ICP	ICP	ICP	ICP	ICP	ICP		1 1000 ICP	10 1000 ICP	2 2000 24 ICP	0.2 000.0 1 ICP	1 0000 1 ICP	1 0000 1 ICP	2 0000 ICP	5 1000 ICP



#### CERTIFICA COF ANALYSIS iPL 09G2026



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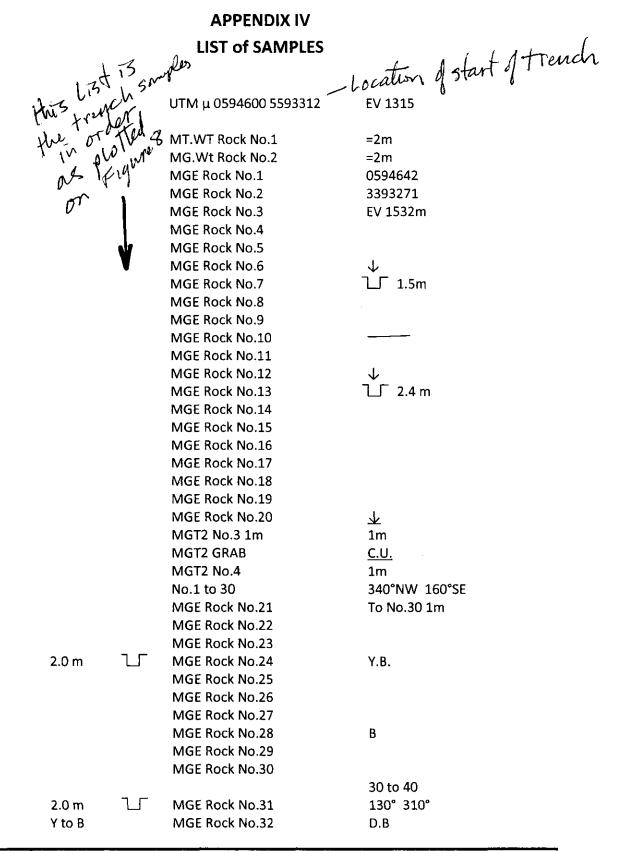
lient : Homegold Resources roject: McGillivray	Shi	p#	100	Sampl 13	1=Rock	35 <b>-</b> So	il 9	⊨Repeat	1=B1k	( iPL	1 [20261	20024900	81309001	.] In: Ju	ug 13, 2009 ul 28, 2009	) (	Page Section	5 of 2 of
Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti X	A۱ %	Ca %	Fe %	Mg X	K %	Na %	P X			
MG-16R 50 W MG-16R 55 W MG-16R 60 W MG-16R 65 W MG-16R 70 W	60 44 62 50 42	<1 <1 <1 <1 <1 <1	898 1226 1146 1199 1197	129 120 141 136 129	100 98 111 122 106	2 1 2 1 <1	9 8 9 9 9	0.10 0.07 0.08 0.05 0.04	5.50 4.75 5.38 5.79 5.36	1.90 1.81 1.93 2.43 2.28	5.60 4.97 5.32 5.15 5.07	2.03 1.76 2.07 2.06 2.00	0.18 0.19 0.20 0.20 0.21	0.03 0.02 0.03 0.02 0.02 0.02	0.04 0.03 0.04 0.04 0.03			
G-16R 75 W G-16R 80 W G-16R 85 W G-16R 90 W Nd-Working Area #1	34 39 45 37 47	<1 <1 <1 <1 <1	838 1595 1408 1619 780	89 150 130 153 57	128 92 106 105 20	1 <1 <1 <1 1	5 12 16 12 2	0.04 0.05 0.06 0.04 0.05	5.22 5.44 5.06 4.79 1.09	2.60 1.89 2.41 2.58 3.18	3.88 6.26 8.34 5.64 4.46	1.28 2.08 2.03 2.24 0.88	0.22 0.21 0.20 0.20 0.20 0.06	0.03 0.02 0.02 0.02 0.02 0.07	0.05 0.03 0.04 0.03 0.03			
RE MG-E Rock 1 RE MG-E Rock 20 RE MG-E Rock 40 RE MG-M Road 3 RE MG-M Road 23	160 65 150 50 121	<1 <1 <1 <1 <1	730 1113 1607 1372 1509	201 214 353 174 260	17 31 15 21 20	<1 1 1 1 <1	9 6 7 7 17	0.13 0.18 0.20 0.12 0.10	3.20 3.32 4.60 3.21 4.08	0.12 0.56 0.40 0.70 0.55	14% 6.81 11% 5.11 11%	2.70 3.01 4.10 2.30 3.27	0.13 0.03 0.02 0.07 0.04	0.02 0.02 0.01 0.06 0.04	0.05 0.04 0.05 0.05 0.06			
RE MG-T4-2 RE MG-W 18 RE MG-16R 40 E RE MG-16R 50 W Blank iPL	180 102 67 61	<1 <1 <1 <1	1658 1798 1494 909	351 237 173 143	155 24 70 101	<1 <1 <1 <1 2 	19 15 14 9	<0.01 0.01 0.08 0.11 	3.01 3.50 5.00 5.52	8.91 3.19 0.90 1.91	5.61 5.19 12% 5.60	4.00 3.10 2.30 2.03	0.04 0.08 0.11 0.18	0.01 0.02 0.02 0.03	0.03 0.05 0.11 0.05			
DXI67 DXI67 REF			<del></del>				Ξ			_				_	_			
inimum Detection aximum Detection ethod —=No Test Ins=Insufficient Sample	ICP	ICP	ICP	ICP	1 .0000 10 ICP =ReChecl	ICP	ICP	ICP	ICP	ICP	0.01 10.00 ICP	0.01 10.00 ICP	0.01 10.00 ICP	0.01 10.00 ICP	0.01 5.00 ICP			

**APPENDIX IV** 

LIST of SAMPLES

June 30, 2009

Sample	UTM Location Nothing Easting		Sample Description		
I.D.					
MC-01	5593309	594605			
			andesite cut by a 2cm wide of banded-layered purplish chalcedony		
MC-02	5593029	594989	Oxidized, reddish on fresh break light grey to creamy appearance, highly siliceous,		
			carbonitized (reacts w/ Hcl), relatively soft. May also contain alunitie. Sample collected along ridge from east-west fault a lense of well altered outcrop.		
MC-03	5592791	_594967	Surface oxidation, well fracture w/ iron oxide fractures, fine gr. Creamy white, highly siliceous (>95%) minor disseminate pyrite. Possible zone of silica enrichment or		
			silica lithocapping.		
MC-04	5592787	594968	Same bed rock outcrop as MC-03. Except sample has iron carbonate-like surface oxidation, scratchable on fresh break, creamy white in colour, carbonatized (reacts Hcl. May also contain alunite alteration.		
Gill 4	5595214	595040	Gill 4 to 8 are bulk soil samples collected along road bank near site of previous		
Gill 5	5595175	595041	gold anomalous soil sample. Representative samples i from each sample site was		
Gill 6	5595207	594972	panned into a pan concentrate and examined under field microscope for gold grains.		
Gill 7	5595255	595019			
Gill 8	5595325	594928			

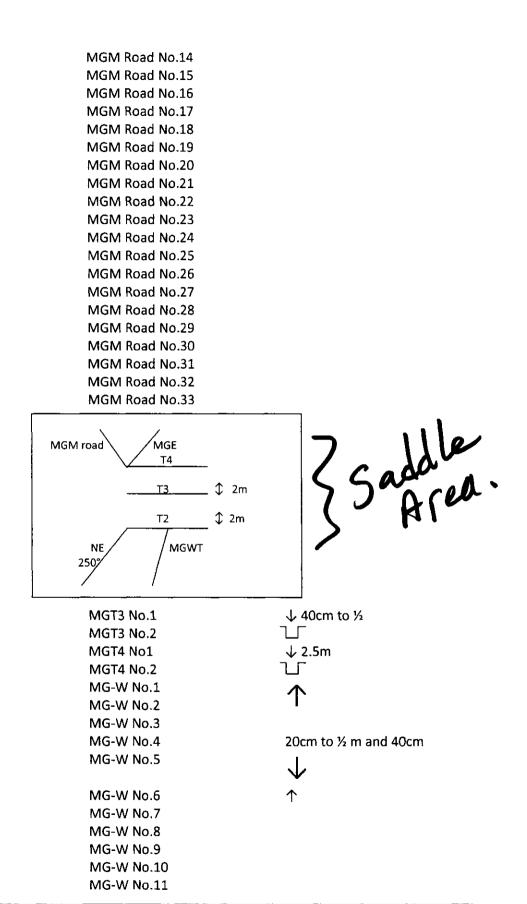


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		MGE Rock No.33	Y.B.
			1.0.
		MGE Rock No.34	
	1 1	MGE Rock No.35	
1.0 m		MGE Rock No.36	
		MGE Rock No.37	
		MGE Rock No.38	
		MGE Rock No.39	
		MGE Rock No.40	
		MGE NOCK NO.40	
			No.40 to 50
			SE 130° NW310°
$\overline{\mathbf{A}}$		MGE Rock No.41	
		MGE Rock No.42	
<u>1m</u>			5.5
2.5 m		MGE Rock No.43	DB
		MGE Rock No.44	to Y.B.
	$\downarrow$	MGE Rock No.45	
0.5 m	ר ר	MGE Rock No.46	
0.5 m			
		MGE Rock No.47	
1.0 m		MGE Rock No.48	a lot of P. R.
		MGE Rock No.49	
		MGE Rock No.50	
		MGE Rock No.51	Pyrite
	<sup>*</sup>		•
2.0 m		MGE Rock No.52	good looking rock
		MGE Rock No.53	
		MGE Rock No.54	
		MGE Rock No.55	
•		MGE Rock No.56	
$\uparrow$		MGE KOCK NO.50	
			a lot of fine grained pyrite
			From No.5 to 12 16"
			From No.1to 3.1m and 3.5.5m
		MGM Road No.1	East 100°
		MGM Road No.2	
		MGM Road No.3	
		MGM Road No.4	
		MGM Road No.5	
A.C.II	- <b>-</b>		
16"		MGM Road No.6	
		MGM Road No.7	
		MGM Road No.8	
		MGM Road No.9	
		MGM Road No.10	
		MGM Road No.11	
		MGM Road No.12	
			MGM Road No.1 to 4
			↓
			$\stackrel{\checkmark}{\Box}$ 2.4 m to get good rack
			MGE Rock from N.10 to No. 30
			$\Box$ 2.5 m with fine grained pyrite
		MGM Road No.13	

# Geological, Prospecting, Geochemical and Trenching Assessment Report on the McGillivray Property June 30, 2009

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Geological, Prospecting, Geochemical and Trenching Assessment Report on the McGillivray Property June 30, 2009

### 30

40 cm 🗸	MG-W No.12	
	MG-W No.13	
	MG-W No.14	
	MG-W No.15	$\uparrow$
	MG-W No.16	NW 350°
	MG-W No.17	SE 170°
<b>1</b>	MG-W No.18	$\checkmark$
$\overline{\uparrow}$	MG-W No.19	
	MG-W No.20	
	MG-W No.21	<b>1</b>
1m $\downarrow$	MG-W No.22	$\uparrow$
	MG-W No.23	NW 330°
	MG-W No.24	SE 150°
	MG-W No.25	
	MG-W No.26	
	MG-W No.27	
	MG-W No.28	
	MG-W No.29	
$\downarrow$	MG-W No.30	<b>1</b>

Worked on MG-W No.1 to 30 all is ok till 11:45am out to Camp and Was to old working

GPS 50 M, NE at 30° 230°SW to

µ0594440 EV 1240m UTM 5594127

Old Working No.1