ASSESSMENT REPORT

describing

2011 SOIL SAMPLING and PROSPECTING

at the

ET PROJECT

ET 5, 7, 9, 15- 28, 30, 32- 44	YC01045- YC10851
ET 45- 150	YE52895-YE53000
ET 151- 193	YE70901- YE70943

located at
NTS 115P/7, 8, 9

Latitude 63°29'N; Longitude 136°25'W
Mayo Mining District
Yukon, CANADA

for
ZINCCORP RESOURCES INC.

prepared by
William D. Mann, M.Sc., P.Geo.
February, 2012

Field Work Performed June 8-11 and August 12-13, 2011

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INTRODUCTION

The ET project was staked to cover an area of favourable gold geochemistry identified using stream sediment geochemistry. A gold anomaly extends across about 6 kilometres in soil and stream sediments. Most of the property is covered by wind blown sand of variable depth, so the geology is not well known.

The property is located within the Tintina Gold Belt, just south of the Tombstone Gold Belt in central Yukon Territory. The project is comprised of 180 ET claims staked between 1998 and 2011 and optioned by Zinccorp Resources Inc. The area surrounding the claims to the north, east and west was staked by Ryan Gold Corp. in 2011.

This report describes a program of soil sampling and prospecting performed by the author and crew on behalf of Zinccorp Resources Inc. between June 8 and August 13, 2011. The author designed and supervised the program and participated in the work.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

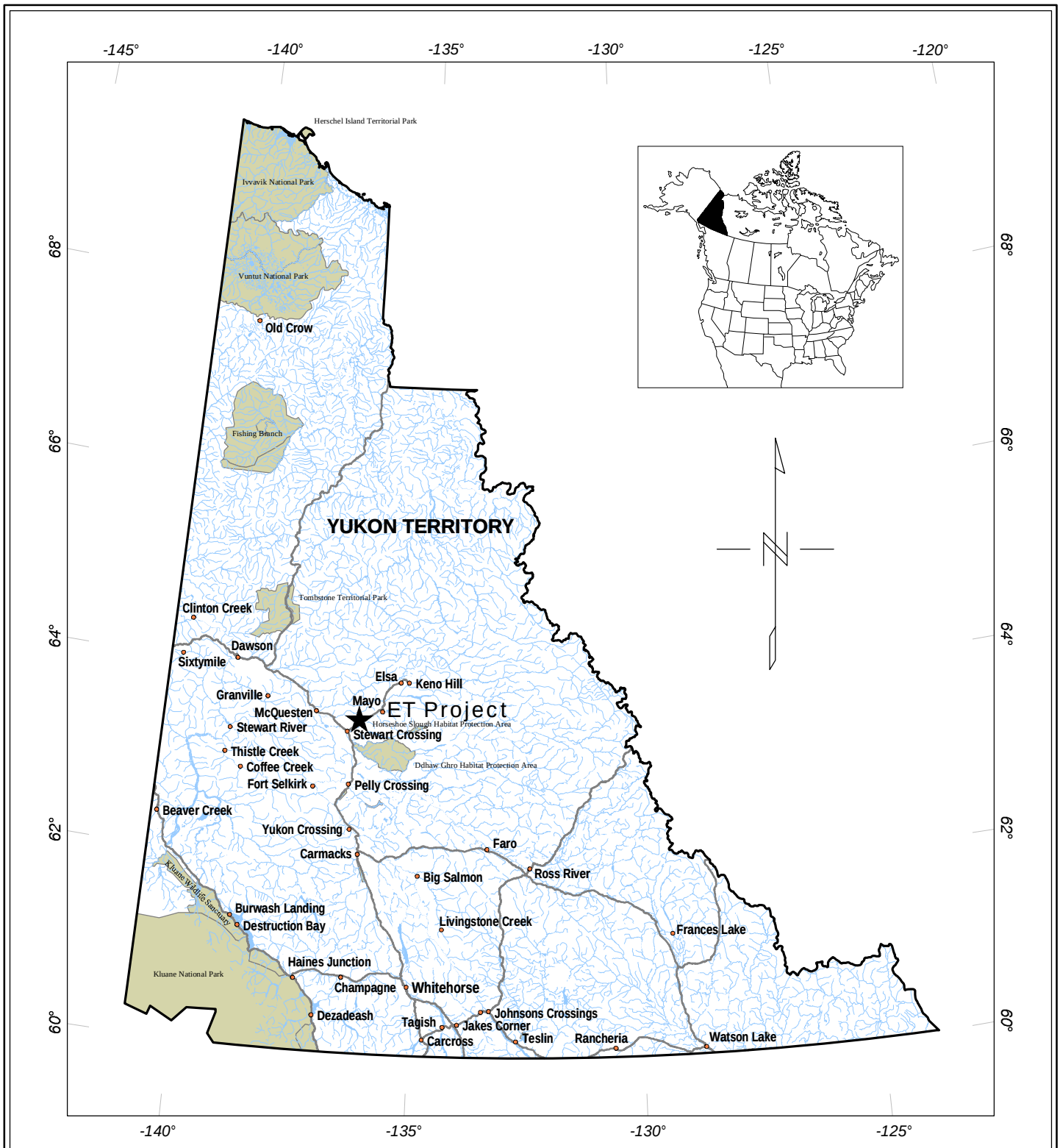
The ET project consists of 180 contiguous mineral claims located in central Yukon at latitude 63°29' north and longitude 136°25' west on NTS map sheets 115P/7, 8 & 9 (Figure 1). The older claims are registered in the name of John Peter Ross, the estate of whom owns the claims. The newer claims are registered in the name of Zinccorp Resources Inc., optionor of the project. The claims are all registered with the Mayo Mining Recorder. Claim data are listed below while the locations of individual claims are shown in Figure 3.

TABLE 1. ET Claim Summary

Claim Name	Grant Number	Expiry Date	Number
ET 5	YC01045	2012-08-07	1
ET 7	YC01047	2012-08-07	1
ET 9	YC01049	2012-08-07	1
ET 15- 20	YC01055- YC01060	2012-08-07	6
ET 21- 28	YC01380- YC01387	2012-08-07	8
ET 30	YC01389	2012-08-07	1
ET 32	YC01391	2012-08-07	1
ET 33- 44	YC10840- YC10851	2012-08-07	12
ET 45- 150	YE52895- YE53000	2013-06-03	106
ET 151- 193	YE70901- YE70943	2013-06-03	43
	Total Claim Block:		**180**

* Expiry dates include 2011 work which has been filed for assessment credit but not yet accepted.

The property lies about 15 km northeast of Stewart Crossing along the Silver Trail highway to Mayo. The claims cover a southeast facing slope which drains into the Stewart River. A system of bush roads and trails exist on the west side of the property, with a suitable campsite about one kilometre from the highway. A short bridge across Rusty creek is in poor condition. Infrastructure is considered to be excellent, with a chip-sealed highway and powerline along the southeast side of the property. Cell phone and radio reception is possible due to proximity to Stewart Crossing.



Scale 1:6500000

100000 0 100000

(metres)

*NAD83 / *NAD 1983 Albers*

Zinccorp Resources Inc.

ET Project
Location Map

Projection: Albers Yukon
NTS: 115P07, 08, 09, 10

Date: February 17, 2012
Mining District: Mayo

PREVIOUS WORK

1883 Discovery of fine placer gold in sand bars on the Stewart river downstream from the ET project. Intermittent mining until present.

1946- 1949 Geological mapping of the McQuesten map sheet by the party of H. Bostock resulted in GSC map 1143A, at a scale of 1" = 4 miles.

1983 Surficial mapping of the project area by Geological Survey of Canada (Hughes, 1983).

1987 RGS Open File 1650 (Hornbrook & Friske, 1987). A regional stream sediment survey was conducted by the Geological Survey of Canada in the project area. This work did not identify anomalous gold in streams draining the property.

1990 & 1992 Noranda collected bulk silt samples from the claim area and processed to -200 mesh (- 53 microns) for gold analysis. This work did not lead to staking by Noranda, and was not filed for assessment, however the data was used as a basis for the initial staking by a former Noranda employee (Galambos, 1994).

1994 Staking of the Sleeper claims was conducted based on gold anomalies from fine sediment geochemistry in the area now covered by the ET claims (Galambos, 1994). The method of fine sediment collection and analysis is described by a contractor who worked the claims for Galambos, and who also worked for Noranda (MacKay, 1994). Streams were also analyzed using heavy mineral concentrates. The two methods combined reveal anomalous gold in five streams over about 6 kilometres. Partial results from one line of soils are also presented. Yukon Minfile occurrence 115P 042 "McGuinty" was assigned to the gold anomaly on the claims based on the work filed by Galambos.

1998 32 ET claims were staked to cover the area worked by Galambos. 14 rock, 8 silt and 3 moss mat samples were collected and analyzed. Silts were sieved to both -80 mesh and -200 mesh, with superior results from the finer sediment. The rock samples were not enriched in gold (Ross, 1999). The western fork of an un-named creek returned up to 5570 ppb Au from fine sediments, and the eastern fork of McGuinty creek returned up to 2430 ppb Au.

2001 A line of 21 soil samples were collected and analyzed by the Enzyme Leach method. 7 rocks were collected. At this time the Enzyme Leach method was considered to be effective (Ross, 2001). Two old sluice boxes and a small dam with pipe were noted on the east fork of McGuinty creek, indicating placer gold potential.

2002 64 soil samples were collected on 3 lines uphill and parallel to the 2001 soils. The Enzyme Leach analysis again identified gold anomalies (Ross, 2002).

2003 122 soil samples were collected which duplicated the previous locations and extended all four lines to the northeast (Ross, 2003). Samples were collected at each site using both deep auger (48" deep) with conventional analysis and shallow (8"- 10" deep) MMI methods. It was concluded that MMI did not work in this location and that conventional ICP- MS & ES was

superior to the Enzyme Leach method. 18 of 122 samples returned greater than or equal to 10ppb Au, with a high of 169ppb. The ICP- MS & ES analysis was done to "ultra-trace" levels, and using this method there appears to be a weak association between gold and various base metals and pathfinder elements that are not apparent with less sensitive analytical methods.

2004 245 auger soils were collected on 8 lines, with extensions of the 4 pre-existing lines and additional lines to the northwest and southeast (Ross, 2005). Samples were analyzed by 30 gram fire assay and ICP. The soil sample in the grid are on lines spaced 600 feet apart, with soils collected 150 feet along each line (roughly 200m by 50m). The grid identifies anomalous gold in soils over an area more than 1km by 2km. 7 silt samples were collected on the eastern fork of McGuinty creek, upstream of the 1998 sampling.

GEOMORPHOLOGY AND VEGETATION

The ET project is situated in the Yukon Plateau North ecoregion, part of the Boreal Cordillera ecozone (Smith et al, 2004). The property lies about 20 km northeast of the Tintina Trench. The area features rounded ridges and low peaks, which represent the top of an ancient peneplane that has been incised by dendritic drainages. The Reid glaciation (ca. 200ka) affected the property, except for the ridge top above the claims to the northwest. The property is drained by creeks that flow south eastward into the Stewart River, part of the Yukon River watershed.

Local elevations range from about 1600 feet alongside the Stewart River to 3700 feet at the northeast corner of the claims. Terrain consists of moderate hillsides flanking broad, rounded hilltops. Rock is rare in float and outcrop, and is mostly confined to ridge crests and creeks. Soil development is fair to poor, and based on wind blown sand.

Vegetation consists of Boreal forest spruce, pine, birch and poplar forest, with mostly lichen understory. The project lies within the zone of extensive discontinuous permafrost, though frost was rarely noted during soil sampling. Precipitation totals about 400mm per year. Temperatures are extreme, with long very cold winters (-30C) and summers that can be hot (+30C).



Figure 2. Geomorphology of the claims, view of campsite. The claims are well forested with sandy soil and rare outcrop.

GEOLOGY

Geology in the vicinity of the ET project has not been recently mapped, and is based on work from the 1940s (Bostock, 1963), and put into broader context by Gordey and Makepeace (1999).

The property lies in the Selwyn Basin, northeast of the Tintina Fault. The area lies within the Tintina Gold Belt, and about 10km south of the Tombstone Gold Belt. The claims are underlain by schist, quartzite, phyllite and limestone of unit 4 of the Proterozoic Yukon Group (Bostock, 1963). This unit is currently known as the Upper Proterozoic to Lower Cambrian Hyland Group.

Outcrop locations are shown on maps in certain assessment reports (Ross, 2004), with phyllite, schist, quartzite, grit and white quartz veins noted. A calcareous precipitate is noted in some creeks. No outcrops were observed by the author.

MINERALIZATION

No bedrock mineralization has been identified on the property, and the few rock samples submitted for assay have not returned anomalous values in gold or other valuable metals. Gold in soils and stream sediments is not strongly correlated with base metals or pathfinder elements.

Placer gold has been mined from sandbars downstream of the area intermittently since 1883, with some recent activity. The gold in the bars is very fine grained, and no bedrock source has been found. The ET property has potential to host a source for the placer, and this theory has been considered since the initial work here in the 1990s. The discovery of old sluice boxes in McGuinty creek suggests the presence of some placer gold although there is no record of placer activity on this creek.

2011 EXPLORATION PROGRAM

The 2011 field program was conducted by the author, geologist Sandro Frizzi, senior field technicians Matt Little and Max Mikhailytchev. The first phase of sampling in June was conducted by Frizzi and Mikhailytchev alone. The property was accessed by truck to the campsite, then by ATV and/or foot.

2011 Soil Geochemistry

Soil sampling was selected as the best method for quick evaluation of the potential of the property. A total of 221 samples were taken, with 203 in a grid at 50 m spacing along 4 lines spaced 200m apart, running parallel and to the northwest of previous northeast-southwest oriented sampling (Figs. 3, 4). In addition, a series of 10 widely spaced samples were collected to the north of the property on what was at the time open ground. The potential for ATV access into this area was being investigated.

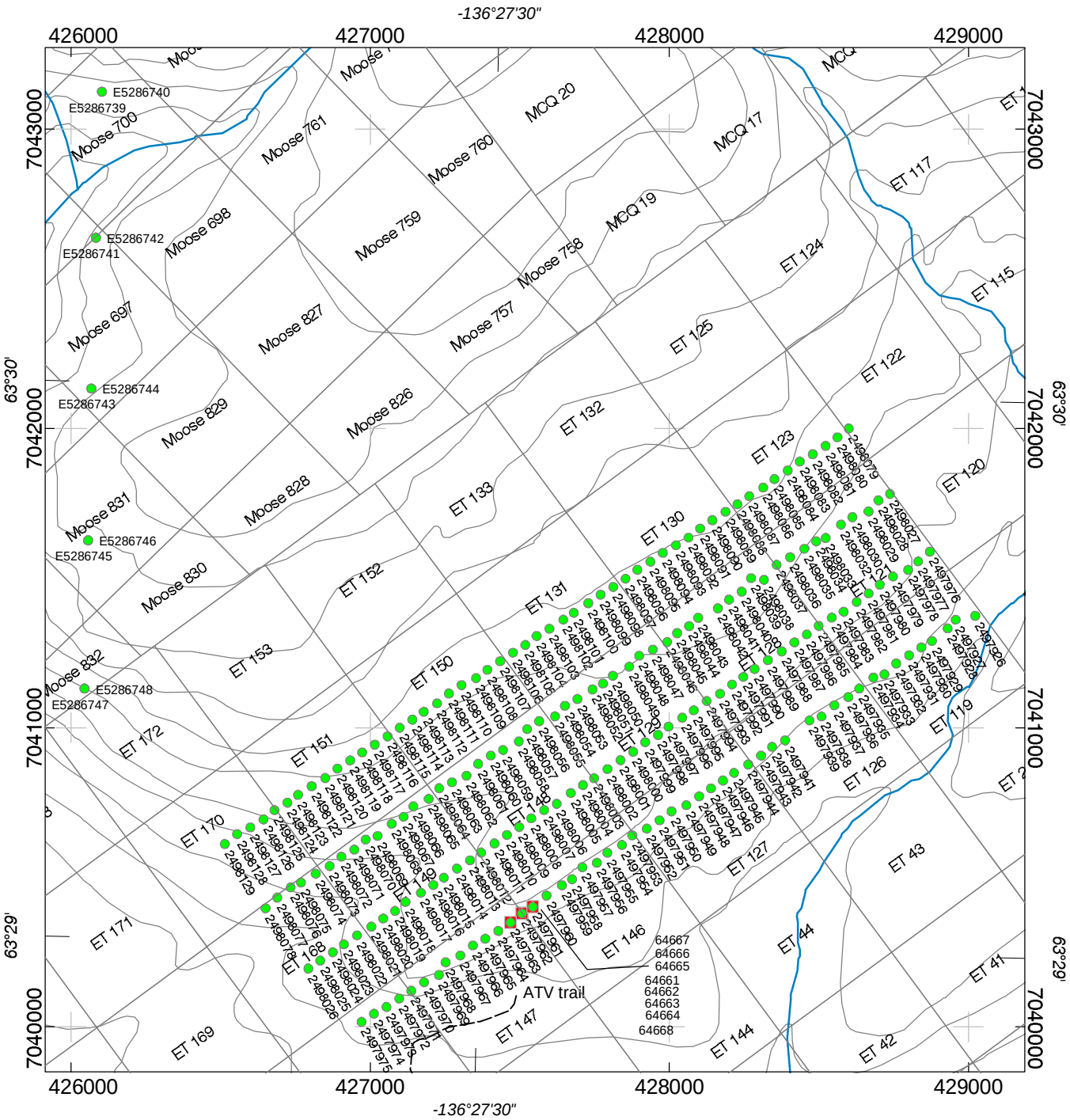
An evaluation of the repeatability of gold analysis was undertaken, as there was a concern that high gold values represented rare discreet gold grains that might be of placer origin. If the gold is a placer, sample repeatability would likely be very poor. The results of the study are presented in Table 2. A highly anomalous sample location (124ppb Au) and two adjacent samples with low gold values (5 & 6 ppb Au) were revisited, and a series of additional samples were collected at each site. The anomalous site was found to produce repeatable results, with four samples returning values of 122, 44, 45 and <2 ppb gold. The value below detection limit was from the shallowest sample.

Anomalous results were also obtained by sampling deeper in the 6ppb hole, with a 41ppb result. In general, the deepest sample possible should be collected to improve the likelihood that the sample is locally representative, and also probably return a higher gold value.

The 2011 soil samples were located using handheld GPS units, with supplemental navigation by compass. The sites are marked by flagging tape marked with the sample number. Soil samples were collected using Dutch soil augers. They were placed into Kraft paper bags along with an analytical sample tag. Soil descriptions were recorded in a notebook. Samples were typically collected between 40 and 60cm deep, though the sandy soil was easily penetrated and depths over 90cm are possible on a regular basis on this property.

Soil sample locations from 2011 are shown in Figure 3, and a compilation map with gold values in ppb are shown in Figure 4. Certificates of Analysis for soil samples are in Appendix III.

The highest gold in soil result in 2011 was 160ppb gold (Fig. 4). 43 of 203 grid samples returned greater than or equal to 10ppb gold, including a cluster of 7 adjacent samples spanning 350m near the centre of the southern line. There are no strong or even moderate correlations between gold and any other elements evident in the soil geochemistry.



Zinccorp Resources Inc.

ET Project - 2011
Location of Soil Samples

NTS: 115P07, 08, 09, 10
February 13, 2012

map by Stewart Basin Exploration

2011 Prospecting

Prospecting was conducted in conjunction with soil sampling. This work was of a reconnaissance nature, and only found a couple of small, unaltered outcrops not worthy of sampling.

Sample Preparation, Analyses and Security

The 2011 samples were placed into rice bags in the field by the author, sealed and secured. The samples were delivered directly to the Whitehorse preparation facility of AGAT Laboratories by the author. AGAT Laboratories is accredited and certified to the International Organization for Standardization for ISO 9001 and ISO/IEC 17025 standards.

At the preparation facility samples were dried at 60°C. Soil samples were sieved to -80 mesh. The samples were then transported from Whitehorse to the Burnaby mineral geochemistry laboratory of AGAT.

The samples were analyzed by AGAT method #202051 for Gold, determined by fire assay of 30g with AAS finish. They were also analyzed by method #201073 for 46 elements by ICP-OES after digestion of 0.5g by aqua regia.

Quality control procedures were implemented at the laboratory, involving the regular insertion of blanks and standards and repeat analyses on the samples. Quality Assurance data is provided for each batch of samples and included with each analytical certificate (Appendix 3).

There was no evidence of any tampering with the samples during collection or shipping. All sample preparation was conducted by the laboratory.

A sampling protocol should be implemented, involving the routine and regular insertion of blanks, standards and duplicates sent to the primary laboratory, and re-assaying of selected mineralized pulps at a second independent laboratory in future trenching and drill programs on the project.

TABLE 2. SOIL REPEATABILITY STUDY

ET Project 2011					UTM COORDINATES Zone 08V NAD 83		Original Results		
Sample	Au ppm	Au ppb	Sample Depth (cm)	Comments	E	N	Sample	Sample Depth (cm)	Au ppb
64661	0.044	**44**	40-60	same hole as 74037, deeper	427507	7040379	74037	30-40	**124**
64662	<0.002	**<2**	20-40	20cm away					
64663	0.112	**112**	40-60	20cm away					
64664	0.045	**45**	60-70	20cm away					
64665	0.041	**41**	40-60	same hole as 74036, deeper	427541	7040398	74036	30-40	**6**
64666	0.005	**5**	20-40	20cm away					
64667	0.02	**20**	90-110	20cm away					
64668	0.006	**6**	70-80	same hole as 74038, deeper	427471	7040348	74038	20-35	**5**

INTERPRETATION

The nature of gold mineralization at the ET property remains somewhat enigmatic. There are no obvious correlations between gold and other elements revealed by multi-element analysis of soils, and the soil is dominated by wind-blown sand. A placer origin for the gold is possible, however the size and strength of the gold anomaly, and its extension well up the slope above any fluvial features suggests potential for a relatively local source. In places the sand is a thin veneer or blanket overlying bedrock, and gold is still present. The lack of gravel in anomalous soils, and the apparent repeatability of gold analyses suggest that the gold is extremely fine-grained and somewhat consistently distributed.

It is possible that the gold has been carried into place by the wind along with the fine-grained sand. If this is the case, it is likely that the bedrock source lies not very far up-wind (to the northeast), and very possibly on the property.

DISCUSSION AND CONCLUSIONS

The ET property covers a very large gold anomaly in soils and stream sediments that is open to further expansion. The nature of the gold target is unknown, but is likely a gold-only deposit.

A wide variety of geochemical methods have been used on the property, including panning of heavy mineral concentrates, conventional silt sampling, very fine sediment sampling, moss mats, enzyme leach soils, MMI soils, and deep auger conventional -80 mesh soils. Analytical methods have also varied, with different ICP packages and fire assay charges and finishes. Future geochemical work should focus on soils collected as close to bedrock as possible. There are several areas outlined by Ross where bedrock is exposed, and deep hand auger soil sampling

should be effective in these areas. Detailed hand auger soil grids should be planned for anomalous areas where bedrock is mapped nearby. An example would be the northeastern end of Ross's lines B & C, where there is a substantial gold in soil anomaly and several outcrops noted. Where the sand is deeper, use of motorized auger or ATV mounted sonic drill should be considered. The sandy nature of the soil should make these tools very effective.

Very fine stream sediment sampling appears to give superior results to conventional silt sampling, but at a much higher cost. It might be more effective to take more numerous conventional silt samples if a large fire assay charge is analyzed.

Gold analysis should be done by large charge (30g) fire assay. Multi-element ICP should be done with an ultra trace analytical package, as there is a reasonable possibility of subtle elemental correlations with gold mineralization. The ultra trace ICP data from 2003 and 2004 should be digitized and evaluated for correlations.

Geological mapping and prospecting should be conducted on the known outcrops and subcrops as well as the rest of the property. Mapping of the surficial geology would be very helpful in selecting sampling methods and interpreting the geochemical anomalies.

The property has excellent logistics, with a highway and powerline running through the property, cell phone communications, and proximity to the towns of Mayo and Stewart Crossing. There is a network of trails along the western side of the property, and some trails noted on old claim maps (1999) in the centre of the property that should be sought for future ATV access.

An airborne geophysical survey would be helpful in the mapping of structures and rock types. A magnetics and radiometrics survey is recommended.

Respectfully submitted,

William D. Mann, M.Sc., P.Geo.

REFERENCES

Bostock, 1963. Geology of McQuesten, Yukon Territory. GSC Map 1143A, 1:253,440 scale.

Colpron, M. (compiler), 2006. Tectonic assemblage map of Yukon-Tanana and related terranes in Yukon and northern British Columbia (1:1,000,000 scale). Yukon Geological Survey, Open File 2006-1.

Galambos, K., 1994. Property Report on Sleeper 10- 29 Claims. Yukon Assessment Report #093206.

Gordey, S.P. and Makepeace, A.J. (comp.), 1999. Yukon digital geology, Geological Survey of Canada Open File D3826 and Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada, Open File 1999-1 (D).

Hornbrook, E.H.W. & Friske, P.W.B., 1987. Regional Stream Sediment and Water Geochemical Reconnaissance Data (115P, North Half of 105M).

MacKay, G., 1994. Fine Sediment Geochemistry for Gold Orientation Survey. Indian and Northern Affairs Canada, Northern Affairs: Yukon Region Open File 1994- 11 (G).

Ross, J.P., 1999. 1998 Geochemical and Prospecting Report on the ET 1-32 Claims. Yukon Assessment Report #094038.

Ross, J.P., 2001. Geochemical and Prospecting Report on the ET 1-32 Claims. Yukon Assessment Report #094283.

Ross, J.P., 2002. Geochemical and Prospecting Report on the ET 1-32 Claims. Yukon Assessment Report #094375.

Ross, J.P., 2003. Geochemical and Prospecting Report on the ET 1-32 Claims. Yukon Assessment Report #094435.

Ross, J.P., 2005. 2003 & 2004 Geochemical and Prospecting Report on the ET 1-54 Claims. Yukon Assessment Report #094770.

Smith, C.A.S., Meikle, J.C. & Roots, C.F. (editors), 2004. Ecoregions of the Yukon Territory: Biophysical properties of Yukon landscapes.

Yukon Minfile, 115P: Yukon Geological Survey. Available in digital format at: http://www.geology.gov.yk.ca

APPENDIX I

STATEMENT OF QUALIFICATIONS

WILLIAM D. MANN, M.Sc., P.Geo.

19 HAYES CRESCENT, WHITEHORSE, YUKON Y1A 0E1

1. I am a member in good standing of the Association of Professional Engineers and Geoscientists of BC, Licence #31907.

2. I am a Graduate of Queen's University, 1986, with a Master of Science Degree in Mineral Exploration Geology.

3. I am a Graduate of the University of British Columbia, 1983, with a Bachelor of Science Degree in Geology.

4. I have worked in mineral exploration and mining continuously since 1979.

5. I supervised and participated in the work program on the ET Project in 2011.

6. I am consulting geologist for Zinccorp Resources Inc., owner of the claims. I hold no interest in the ET property. I hold options to purchase the securities of Zinccorp Resources Inc.

February 22, 2012

William D. Mann, M.Sc., P.Geo.

Zinccorp Resources Inc. - ET Project Statement of Expenditures, 2011

	Date	Supplier	Invoice Number	Cost	**Totals**
Analytical costs	2011-08-04	AGAT Laboratories Ltd	11K19848M	4,403.11	
		AGAT Laboratories	est.	200.00	
		AGAT Laboratories	est.	240.00	
					$4,843.11
Wage Invoices	2011-08-15	W.D. Mann	11-101	1,890.00	
independent contractors	2011-06-14	Max Mikhailytchev	1102	2,313.00	
	2011-06-14	Sandro Frizzi	116	2,680.00	
	2011-08-17	Max Mikhailytchev	1105	720.00	
	2011-08-15	Sandro Frizzi	120	1,020.00	
	2011-08-15	Matt Little	112	720.00	
		W.D. Mann		1,260.00	
					$10,603.00
Expenses					
(food, hardware, supplies)	2011-08-15	W.D. Mann	11-102E	417.13	
(truck, ATV, trailer)	2011-08-17	Max Mikhailytchev	1105	500.00	
	2011-08-03	W.D. Mann	11-100E	115.24	
other supplies- est.		bags, flags, tags etc.		200.00	
					$1,232.37
map preparation				600.00	
					$600.00
		Field Expenses - subtotal:			$17,278.48
Report Preparation		W.D. Mann	(10% of field costs)		$1,727.85
		TOTAL ELIGIBLE EXPLORATION EXPENDITURES:			**$19,006.33**

Field work conducted June 7- 11, August 12- 13, 2011

signed: _____ date: _____

W.D. Mann, M.Sc., P.Geo.

APPENDIX III

CERTIFICATES OF ANALYSIS - SOILS

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: HUGHES EXPLORATION GROUP
711-675 WEST HASTINGS STREET
VANCOUVER, BC V6B1N2

ATTENTION TO: Bill Mann, Alan Campbell

PROJECT NO: ET

AGAT WORK ORDER: 11Y504539

SOLID ANALYSIS REVIEWED BY: Ron Cardinall, General Manager

DATE REPORTED: Jul 15, 2011

PAGES (INCLUDING COVER): 49

Should you require any information regarding this analysis please contact your client services representative at (905) 501 9998, or at 1-800-856-6261

NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

Results relate only to the items tested

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

CLIENT NAME: HUGHES EXPLORATION GROUP

ATTENTION TO: Bill Mann, Alan Campbell

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Sample Description RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
74001 (-)	<0.2	0.50	8	<5	176	<0.5	<1	0.24	<0.5	25	3.3	8.1	11.1	1.15
74002 (-)	<0.2	0.72	8	<5	193	<0.5	<1	0.10	<0.5	21	3.5	10.1	9.4	1.38
74003 (-)	<0.2	0.78	7	<5	175	<0.5	<1	0.09	<0.5	23	3.7	10.9	9.3	1.32
74004 (-)	<0.2	0.51	8	<5	123	<0.5	<1	0.11	<0.5	23	3.9	8.1	9.3	1.16
74005 (-)	<0.2	0.68	7	<5	158	<0.5	<1	0.06	<0.5	20	2.8	9.5	7.3	1.25
74006 (-)	<0.2	0.91	8	<5	228	<0.5	<1	0.08	<0.5	23	3.6	11.8	8.4	1.60
74007 (-)	<0.2	0.90	8	<5	203	<0.5	<1	0.08	<0.5	25	4.5	12.7	9.6	1.46
74008 (-)	<0.2	0.78	7	<5	216	<0.5	<1	0.08	<0.5	20	3.8	10.3	8.3	1.39
74009 (-)	<0.2	0.82	8	<5	202	<0.5	<1	0.09	<0.5	21	3.2	10.4	8.6	1.35
74010 (-)	<0.2	0.79	7	<5	259	<0.5	<1	0.09	<0.5	23	3.9	10.6	8.8	1.36
74011 (-)	<0.2	0.80	8	<5	249	<0.5	<1	0.07	<0.5	23	3.9	13.4	9.2	1.45
74012 (-)	<0.2	0.68	7	<5	254	<0.5	<1	0.12	<0.5	24	3.9	10.6	9.4	1.29
74013 (-)	<0.2	0.68	8	<5	144	<0.5	<1	0.09	<0.5	20	3.7	10.0	9.1	1.28
74014 (-)	<0.2	0.87	8	<5	228	<0.5	<1	0.10	<0.5	24	3.9	12.1	9.7	1.43
74015 (-)	<0.2	0.75	6	<5	313	<0.5	<1	0.10	<0.5	21	4.0	10.5	6.9	1.22
74016 (-)	<0.2	0.86	8	<5	199	<0.5	<1	0.09	<0.5	26	3.8	11.5	9.9	1.38
74017 (-)	<0.2	0.81	8	<5	141	<0.5	<1	0.09	<0.5	24	3.5	10.9	11.7	1.33
74018 (-)	<0.2	0.98	9	<5	201	<0.5	<1	0.12	<0.5	28	4.2	13.1	11.4	1.56
74019 (-)	<0.2	0.65	6	<5	238	<0.5	<1	0.14	<0.5	23	4.0	9.7	8.3	1.18
74020 (-)	<0.2	0.71	8	<5	171	<0.5	<1	0.09	<0.5	20	4.0	10.2	10.8	1.32
74021 (-)	<0.2	0.68	6	<5	178	<0.5	<1	0.09	<0.5	20	4.1	9.4	6.4	1.18
74022 (-)	<0.2	0.84	8	<5	245	<0.5	<1	0.09	<0.5	23	4.6	11.3	9.2	1.33
74023 (-)	<0.2	0.83	5	<5	290	<0.5	<1	0.07	<0.5	18	5.7	10.9	6.0	1.37
74024 (-)	<0.2	0.61	6	<5	246	<0.5	<1	0.09	<0.5	19	3.8	8.9	8.3	1.36
74025 (-)	<0.2	0.72	9	<5	121	<0.5	<1	0.09	<0.5	26	4.4	10.4	12.7	1.40
74026 (-)	<0.2	0.60	7	<5	145	<0.5	<1	0.11	<0.5	23	4.3	8.9	9.7	1.30
74027 (-)	<0.2	0.70	7	<5	198	<0.5	<1	0.12	<0.5	23	3.9	9.7	9.4	1.37
74028 (-)	<0.2	0.80	8	<5	177	<0.5	<1	0.10	<0.5	25	4.0	11.1	11.2	1.39
74029 (-)	<0.2	0.85	9	<5	161	<0.5	<1	0.13	<0.5	30	6.7	12.1	12.5	1.52
74030 (-)	<0.2	0.60	7	<5	232	<0.5	<1	0.12	<0.5	24	4.0	9.5	10.1	1.25
74031 (-)	<0.2	0.63	6	<5	165	<0.5	<1	0.08	<0.5	23	3.6	9.0	8.3	1.25
74032 (-)	<0.2	0.62	5	<5	241	<0.5	<1	0.08	<0.5	20	3.7	9.0	6.0	1.18

Certified By: Ron Cardinall

Results relate only to the items tested

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Certificate of Analysis

AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

CLIENT NAME: HUGHES EXPLORATION GROUP

ATTENTION TO: Bill Mann, Alan Campbell

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Sample Description RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
74033 (-)	<0.2	0.67	7	<5	241	<0.5	<1	0.12	<0.5	24	3.8	10.0	9.9	1.36
74034 (-)	<0.2	0.59	7	<5	153	<0.5	<1	0.10	<0.5	20	3.5	8.4	8.7	1.18
74035 (-)	<0.2	0.59	8	<5	204	<0.5	<1	0.11	<0.5	27	3.7	9.1	8.9	1.30
74036 (-)	<0.2	0.67	6	<5	183	<0.5	<1	0.09	<0.5	23	3.8	9.6	7.7	1.24
74037 (-)	<0.2	0.68	6	<5	201	<0.5	<1	0.12	<0.5	25	3.8	10.4	6.7	1.28
74038 (-)	<0.2	0.59	7	<5	129	<0.5	<1	0.09	<0.5	18	3.9	8.4	7.5	1.19
74039 (-)	<0.2	0.48	7	<5	188	<0.5	<1	0.11	<0.5	22	4.0	7.4	21.9	1.05
74040 (-)	<0.2	0.76	8	<5	120	<0.5	<1	0.05	<0.5	32	3.8	10.8	11.1	1.37
74041 (-)	<0.2	0.63	7	<5	182	<0.5	<1	0.12	<0.5	25	4.0	9.1	8.3	1.27
74042 (-)	<0.2	0.58	6	<5	224	<0.5	<1	0.12	<0.5	23	4.2	8.4	8.6	1.20
74043 (-)	<0.2	0.64	7	<5	244	<0.5	<1	0.12	<0.5	26	3.8	9.1	8.4	1.22
74044 (-)	<0.2	1.01	6	<5	287	<0.5	<1	0.25	<0.5	37	8.5	12.9	9.5	1.56
74045 (-)	<0.2	0.66	7	<5	165	<0.5	<1	0.10	<0.5	24	3.9	11.1	8.5	1.28
74046 (-)	<0.2	0.59	8	<5	159	<0.5	<1	0.10	<0.5	23	4.3	11.9	9.1	1.19
74047 (-)	<0.2	0.89	4	<5	364	<0.5	<1	0.14	<0.5	27	12.7	11.5	6.2	1.36
74048 (-)	<0.2	0.64	6	<5	249	<0.5	<1	0.11	<0.5	24	4.8	9.1	7.8	1.17
74049 (-)	<0.2	0.68	7	<5	212	<0.5	<1	0.12	<0.5	25	4.3	9.7	8.7	1.26
74050 (-)	<0.2	0.66	7	<5	208	<0.5	<1	0.09	<0.5	22	3.5	10.0	8.9	1.25
74051 (-)	<0.2	0.45	4	<5	127	<0.5	<1	0.17	<0.5	26	2.2	7.2	5.8	0.83
74052 (-)	<0.2	0.51	8	<5	125	<0.5	<1	0.16	<0.5	28	3.6	8.6	10.5	1.17
74053 (-)	<0.2	0.92	12	<5	263	<0.5	<1	0.14	<0.5	25	4.6	14.2	9.9	1.62
74054 (-)	<0.2	0.73	10	<5	206	<0.5	<1	0.11	<0.5	21	4.5	10.8	11.9	1.38
74055 (-)	<0.2	0.68	10	<5	190	<0.5	<1	0.10	<0.5	26	4.1	10.5	8.4	1.33
74056 (-)	<0.2	0.84	11	<5	262	<0.5	<1	0.13	<0.5	29	6.8	12.4	11.0	1.52
74057 (-)	<0.2	0.85	11	<5	253	<0.5	<1	0.15	<0.5	29	4.4	13.5	11.1	1.51
74058 (-)	<0.2	0.73	10	<5	159	<0.5	<1	0.11	<0.5	25	5.3	10.7	9.7	1.35
74059 (-)	<0.2	0.64	10	<5	204	<0.5	<1	0.13	<0.5	29	4.0	10.0	9.5	1.27
74060 (-)	<0.2	0.57	8	<5	203	<0.5	<1	0.13	<0.5	26	3.7	8.8	8.7	1.21
74061 (-)	<0.2	0.65	9	<5	212	<0.5	<1	0.08	<0.5	26	3.8	9.5	12.2	1.26
74062 (-)	<0.2	0.52	6	<5	163	<0.5	<1	0.13	<0.5	25	3.7	9.4	8.3	1.00
74063 (-)	<0.2	0.81	10	<5	210	<0.5	<1	0.10	<0.5	25	4.1	12.0	11.0	1.41
74064 (-)	<0.2	0.81	11	<5	206	<0.5	<1	0.14	<0.5	32	4.7	12.2	11.8	1.44

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Certificate of Analysis

AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

CLIENT NAME: HUGHES EXPLORATION GROUP

ATTENTION TO: Bill Mann, Alan Campbell

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Sample Description RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
74065 (-)	<0.2	0.77	10	<5	171	<0.5	<1	0.10	<0.5	31	5.7	11.3	13.7	1.40
74066 (-)	<0.2	0.75	9	<5	173	<0.5	<1	0.10	<0.5	27	4.1	10.7	11.6	1.33
74067 (-)	<0.2	0.82	10	<5	144	<0.5	<1	0.09	<0.5	28	4.5	11.9	14.1	1.48
74068 (-)	<0.2	0.94	10	<5	147	<0.5	<1	0.07	<0.5	25	5.9	13.1	13.5	1.56
74069 (-)	<0.2	0.73	10	<5	163	<0.5	<1	0.09	<0.5	27	5.6	11.2	11.7	1.38
74070 (-)	<0.2	0.67	10	<5	134	<0.5	<1	0.13	<0.5	22	4.0	9.8	10.5	1.32
74071 (-)	<0.2	0.47	6	<5	99	<0.5	<1	0.12	<0.5	20	3.3	7.0	5.4	0.96
74072 (-)	<0.2	0.92	11	<5	203	<0.5	<1	0.18	<0.5	26	5.3	13.5	10.7	1.59
74073 (-)	<0.2	0.70	8	<5	155	<0.5	<1	0.12	<0.5	25	3.3	11.7	10.3	1.33
74074 (-)	<0.2	0.67	8	<5	87	<0.5	<1	0.07	<0.5	29	4.1	10.1	14.5	1.18
74075 (-)	<0.2	0.59	8	<5	92	<0.5	<1	0.12	<0.5	24	4.2	8.4	7.9	1.16
74076 (-)	<0.2	0.53	6	<5	66	<0.5	<1	0.08	<0.5	10	3.8	6.8	7.3	1.04
74077 (-)	<0.2	0.71	9	<5	112	<0.5	<1	0.07	<0.5	21	3.9	10.5	11.0	1.26
74078 (-)	<0.2	0.68	7	<5	153	<0.5	<1	0.13	<0.5	22	3.6	9.9	8.4	1.13
74079 (-)	<0.2	0.58	8	<5	89	<0.5	<1	0.10	<0.5	27	3.7	8.9	10.1	1.12
74080 (-)	<0.2	0.79	9	<5	123	<0.5	<1	0.07	<0.5	24	4.4	11.6	13.7	1.35
74081 (-)	<0.2	0.68	8	<5	110	<0.5	<1	0.09	<0.5	23	4.1	9.6	11.2	1.22
74082 (-)	<0.2	0.52	8	<5	74	<0.5	<1	0.09	<0.5	24	4.0	8.0	10.3	1.13
74083 (-)	<0.2	0.64	8	<5	100	<0.5	<1	0.08	<0.5	22	4.0	10.0	12.4	1.26
74084 (-)	<0.2	0.72	8	<5	103	<0.5	<1	0.06	<0.5	25	3.8	11.0	13.7	1.31
74085 (-)	<0.2	0.57	7	<5	84	<0.5	<1	0.08	<0.5	26	3.8	8.5	13.2	1.13
74086 (-)	<0.2	0.57	8	<5	112	<0.5	<1	0.12	<0.5	24	4.0	8.5	9.1	1.16
74087 (-)	<0.2	0.56	8	<5	99	<0.5	<1	0.11	<0.5	22	3.8	8.0	9.8	1.09
74088 (-)	<0.2	0.60	9	<5	125	<0.5	<1	0.12	<0.5	25	4.0	9.2	11.1	1.27
74089 (-)	<0.2	0.64	9	<5	135	<0.5	<1	0.09	<0.5	26	4.0	10.0	12.4	1.27
74090 (-)	<0.2	0.56	7	<5	101	<0.5	<1	0.11	<0.5	27	4.1	8.3	11.0	1.12
74091 (-)	<0.2	0.64	8	<5	94	<0.5	<1	0.09	<0.5	20	4.5	8.3	8.6	1.09
74092 (-)	<0.2	0.77	9	<5	143	<0.5	<1	0.09	<0.5	24	4.5	11.4	10.3	1.44
74093 (-)	<0.2	0.90	8	<5	178	<0.5	<1	0.15	<0.5	28	4.7	13.3	10.8	1.71
74094 (-)	<0.2	0.73	9	<5	241	<0.5	<1	0.09	<0.5	26	4.5	11.1	11.5	1.42
74095 (-)	<0.2	0.71	9	<5	148	<0.5	<1	0.09	<0.5	19	3.9	10.0	10.5	1.34
74096 (-)	<0.2	0.73	9	<5	206	<0.5	<1	0.06	<0.5	21	4.3	10.7	9.6	1.37

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Certificate of Analysis

AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

CLIENT NAME: HUGHES EXPLORATION GROUP

ATTENTION TO: Bill Mann, Alan Campbell

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Sample Description RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
74097 (-)	<0.2	0.58	8	<5	110	<0.5	<1	0.07	<0.5	19	3.7	7.9	8.8	1.09
74098 (-)	<0.2	0.59	7	<5	143	<0.5	<1	0.10	<0.5	21	3.7	8.0	8.2	1.12
74099 (-)	<0.2	0.64	8	<5	139	<0.5	<1	0.09	<0.5	21	3.5	8.8	10.5	1.12
74100 (-)	<0.2	0.63	8	<5	109	<0.5	<1	0.07	<0.5	24	4.1	8.7	11.6	1.07
74101 (-)	<0.2	0.65	9	<5	131	<0.5	<1	0.08	<0.5	30	4.1	8.9	14.7	1.17
74102 (-)	<0.2	0.47	9	<5	115	<0.5	<1	0.17	<0.5	24	2.2	7.8	7.3	1.03
74103 (-)	<0.2	0.41	4	<5	115	<0.5	<1	0.15	<0.5	18	2.3	7.2	8.3	0.76
74104 (-)	<0.2	0.53	7	<5	228	<0.5	<1	0.23	<0.5	21	2.8	8.1	14.7	1.08
74105 (-)	<0.2	0.71	10	<5	280	<0.5	<1	0.16	<0.5	23	4.2	11.0	10.4	1.29
74106 (-)	<0.2	0.97	11	<5	293	<0.5	<1	0.08	<0.5	24	3.6	13.5	8.5	1.57
74107 (-)	<0.2	1.01	10	<5	248	<0.5	<1	0.10	<0.5	25	6.3	14.6	10.8	1.62
74108 (-)	<0.2	0.92	9	<5	250	<0.5	<1	0.10	<0.5	23	3.9	13.3	9.3	1.52
74109 (-)	<0.2	1.09	9	<5	415	<0.5	<1	0.10	<0.5	23	4.2	15.3	9.6	1.79
74110 (-)	<0.2	1.08	12	<5	283	<0.5	<1	0.13	<0.5	21	4.9	14.3	11.7	1.76
74111 (-)	<0.2	0.60	6	<5	197	<0.5	<1	0.11	<0.5	17	3.6	9.0	7.0	1.15
74112 (-)	<0.2	1.26	10	<5	263	<0.5	<1	0.08	<0.5	25	7.8	17.5	10.9	1.72
74113 (-)	<0.2	0.86	9	<5	166	<0.5	<1	0.11	<0.5	23	3.8	11.4	11.0	1.47
74114 (-)	<0.2	0.63	5	<5	196	<0.5	<1	0.13	<0.5	23	3.2	11.1	5.3	1.12
74115 (-)	<0.2	0.56	5	<5	175	<0.5	<1	0.19	<0.5	28	2.9	11.4	5.1	0.98
74116 (-)	<0.2	0.66	7	<5	240	<0.5	<1	0.16	<0.5	22	4.4	10.7	7.2	1.16
74117 (-)	<0.2	0.46	5	<5	180	<0.5	<1	0.12	<0.5	16	2.9	7.9	5.3	0.94
74118 (-)	<0.2	0.74	7	<5	435	<0.5	<1	0.36	<0.5	20	6.6	11.2	13.9	1.47
74119 (-)	<0.2	0.77	11	<5	180	<0.5	<1	0.09	<0.5	17	3.7	10.6	8.0	1.45
74120 (-)	<0.2	0.57	8	<5	129	<0.5	<1	0.14	<0.5	25	4.9	9.0	9.7	1.25
74121 (-)	<0.2	0.70	8	<5	96	<0.5	<1	0.10	<0.5	25	4.8	9.8	8.4	1.33
74122 (-)	<0.2	0.51	7	<5	259	<0.5	<1	0.43	<0.5	21	3.8	9.5	10.8	1.00
74123 (-)	<0.2	0.61	10	<5	291	<0.5	<1	0.20	<0.5	24	8.5	9.9	10.8	1.56
74124 (-)	<0.2	0.81	8	<5	230	<0.5	<1	0.13	<0.5	20	8.2	11.6	8.3	1.40
74125 (-)	<0.2	0.70	5	<5	214	<0.5	<1	0.12	<0.5	19	2.6	10.4	5.6	1.07
74126 (-)	<0.2	0.53	4	<5	151	<0.5	<1	0.14	<0.5	22	2.5	7.6	7.6	0.83
74127 (-)	0.2	0.98	73	13	1720	<0.5	<1	1.35	1.2	23	22.3	13.2	31.0	9.16
74128 (-)	<0.2	0.75	6	<5	255	<0.5	<1	0.14	<0.5	20	3.3	11.0	4.4	1.16

Certified By: Ron Cardinall

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Certificate of Analysis

AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

CLIENT NAME: HUGHES EXPLORATION GROUP

ATTENTION TO: Bill Mann, Alan Campbell

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Sample Description RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
74129 (-)	<0.2	0.79	7	<5	217	<0.5	<1	0.14	<0.5	20	3.4	11.7	6.1	1.28
74130 (-)	<0.2	1.05	9	<5	253	<0.5	<1	0.08	<0.5	18	4.5	13.8	8.2	1.74
74131 (-)	<0.2	0.75	8	<5	255	<0.5	<1	0.14	<0.5	19	6.3	12.4	8.3	1.45
74132 (-)	<0.2	0.57	11	<5	145	<0.5	<1	0.14	<0.5	33	4.2	9.2	12.5	1.36
74133 (-)	<0.2	0.80	6	<5	213	<0.5	<1	0.32	<0.5	32	3.5	16.9	21.2	1.25
74134 (-)	<0.2	0.53	6	<5	151	<0.5	<1	0.24	<0.5	25	2.3	8.5	6.5	0.98
74135 (-)	<0.2	1.15	11	<5	213	<0.5	<1	0.10	<0.5	23	6.2	15.5	11.9	1.73
74136 (-)	<0.2	0.88	10	<5	281	<0.5	<1	0.75	<0.5	30	7.6	20.1	16.2	1.73
74137 (-)	<0.2	0.73	7	<5	208	<0.5	<1	0.38	<0.5	28	6.7	15.0	11.1	1.20
74138 (-)	<0.2	0.72	7	<5	162	<0.5	<1	0.09	<0.5	20	3.3	9.7	9.6	1.20
74139 (-)	<0.2	0.72	9	<5	120	<0.5	<1	0.09	<0.5	23	4.1	10.2	11.1	1.26
74140 (-)	<0.2	1.07	10	<5	180	<0.5	<1	0.06	<0.5	21	6.5	14.3	11.2	1.67
74141 (-)	<0.2	0.97	8	<5	216	<0.5	<1	0.08	<0.5	21	3.9	13.1	10.1	1.45
74142 (-)	<0.2	0.94	10	<5	215	<0.5	<1	0.09	<0.5	22	4.3	12.7	12.7	1.47
74143 (-)	<0.2	0.86	9	<5	201	<0.5	<1	0.10	<0.5	23	4.4	11.9	10.7	1.44
74144 (-)	<0.2	0.83	6	<5	226	<0.5	<1	0.09	<0.5	21	3.8	11.1	7.3	1.41
74145 (-)	<0.2	0.85	7	<5	336	<0.5	<1	0.12	<0.5	20	4.0	11.8	7.8	1.51
74146 (-)	<0.2	0.78	5	<5	345	<0.5	<1	0.10	<0.5	20	4.0	11.1	5.1	1.31
74147 (-)	<0.2	0.81	8	<5	215	<0.5	<1	0.12	<0.5	24	4.0	11.7	10.3	1.45
74148 (-)	<0.2	0.61	4	<5	253	<0.5	<1	0.09	<0.5	21	2.9	8.3	4.6	1.11
74149 (-)	<0.2	0.83	7	<5	354	<0.5	<1	0.13	<0.5	22	3.6	10.7	7.9	1.37
74150 (-)	<0.2	0.70	8	<5	150	<0.5	<1	0.11	<0.5	24	3.7	10.1	9.7	1.33
74151 (-)	<0.2	0.68	8	<5	184	<0.5	<1	0.10	<0.5	21	3.7	9.5	11.0	1.26
74152 (-)	<0.2	0.64	6	<5	140	<0.5	<1	0.08	<0.5	18	3.3	9.5	8.7	1.29
74153 (-)	<0.2	1.07	11	<5	229	<0.5	<1	0.10	<0.5	25	4.6	15.1	13.1	1.67
74154 (-)	<0.2	1.05	11	<5	233	<0.5	<1	0.10	<0.5	26	6.5	14.9	12.2	1.68
74155 (-)	<0.2	0.85	9	<5	165	<0.5	<1	0.08	<0.5	23	4.0	12.5	10.9	1.43
74156 (-)	<0.2	1.01	9	<5	234	<0.5	<1	0.10	<0.5	26	6.7	14.9	16.3	1.59
74157 (-)	<0.2	1.06	11	<5	191	<0.5	<1	0.07	<0.5	28	6.8	15.6	17.3	1.72
74158 (-)	<0.2	0.96	9	<5	190	<0.5	<1	0.11	<0.5	23	4.7	13.4	10.2	1.50
74159 (-)	<0.2	0.98	10	<5	141	<0.5	<1	0.07	<0.5	23	4.0	14.5	11.6	1.55
74160 (-)	<0.2	1.14	11	<5	203	<0.5	<1	0.07	<0.5	24	5.9	17.0	16.6	1.72

Certified By: Roy Cardinall

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Certificate of Analysis

AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

CLIENT NAME: HUGHES EXPLORATION GROUP

ATTENTION TO: Bill Mann, Alan Campbell

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Sample Description RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
74161 (-)	<0.2	0.90	9	<5	145	<0.5	<1	0.09	<0.5	24	6.2	14.7	9.3	1.59
74162 (-)	<0.2	0.55	5	<5	214	<0.5	<1	0.21	<0.5	29	2.7	9.5	8.2	0.97
74163 (-)	<0.2	0.56	6	<5	193	<0.5	<1	0.18	<0.5	24	3.8	9.6	9.1	1.05
74164 (-)	<0.2	0.48	4	<5	184	<0.5	<1	0.17	<0.5	23	2.3	8.6	5.8	0.81
74165 (-)	<0.2	0.75	6	<5	194	<0.5	<1	0.08	<0.5	20	3.0	11.8	4.2	1.24
74166 (-)	<0.2	0.51	7	<5	217	<0.5	<1	0.24	<0.5	30	3.8	10.4	7.9	1.25
74167 (-)	<0.2	0.43	18	5	225	<0.5	<1	0.20	<0.5	21	6.4	7.0	10.1	4.92
74168 (-)	<0.2	0.63	6	<5	202	<0.5	<1	0.10	<0.5	17	3.6	10.0	5.7	1.14
74169 (-)	<0.2	0.66	7	<5	191	<0.5	<1	0.11	<0.5	23	3.7	11.1	9.0	1.34
74170 (-)	<0.2	0.52	22	<5	214	<0.5	<1	0.26	<0.5	21	4.5	8.3	7.2	2.46
74171 (-)	<0.2	0.41	5	<5	132	<0.5	<1	0.13	<0.5	17	3.0	6.4	5.6	0.92
74172 (-)	<0.2	0.48	6	<5	171	<0.5	<1	0.18	<0.5	18	2.7	7.5	4.1	1.00
74173 (-)	<0.2	0.90	10	<5	142	<0.5	<1	0.06	<0.5	22	5.3	14.5	13.8	1.62
74174 (-)	<0.2	0.82	9	<5	130	<0.5	<1	0.07	<0.5	23	5.5	14.0	15.7	1.56
74175 (-)	<0.2	0.89	10	<5	135	<0.5	<1	0.06	<0.5	23	6.0	14.5	14.4	1.59
74176 (-)	<0.2	0.48	5	<5	81	<0.5	<1	0.14	<0.5	22	2.4	8.3	3.8	0.97
74177 (-)	<0.2	0.47	5	<5	73	<0.5	<1	0.14	<0.5	19	2.1	8.2	4.3	0.98
74178 (-)	<0.2	0.77	10	<5	139	<0.5	<1	0.10	<0.5	22	5.9	11.2	11.8	1.36
74179 (-)	<0.2	0.68	9	<5	96	<0.5	<1	0.10	<0.5	22	7.0	10.1	15.0	1.40
74180 (-)	<0.2	0.86	11	<5	109	<0.5	<1	0.05	<0.5	16	5.7	11.6	13.4	1.47
74181 (-)	<0.2	0.76	6	<5	134	<0.5	<1	0.10	<0.5	22	3.6	11.4	7.6	1.19
74182 (-)	<0.2	0.63	10	<5	94	<0.5	<1	0.14	<0.5	25	3.6	9.4	7.9	1.34
74183 (-)	<0.2	0.69	6	<5	265	<0.5	<1	0.11	<0.5	22	4.3	11.2	6.1	1.19
74184 (-)	<0.2	0.62	4	<5	133	<0.5	<1	0.26	<0.5	22	2.9	12.3	8.4	1.06
74185 (-)	<0.2	0.57	10	<5	119	<0.5	<1	0.12	<0.5	19	5.3	9.9	6.3	1.34
74186 (-)	0.3	0.56	7	<5	93	<0.5	<1	0.11	<0.5	19	6.6	9.5	8.8	1.20
74187 (-)	<0.2	0.95	10	<5	114	<0.5	<1	0.06	<0.5	19	3.6	14.4	9.3	1.76
74188 (-)	<0.2	0.69	8	<5	134	<0.5	<1	0.05	<0.5	21	3.2	11.5	7.1	1.33
74189 (-)	<0.2	0.96	11	<5	225	<0.5	<1	0.12	<0.5	24	5.1	15.1	11.3	1.80
74190 (-)	<0.2	0.95	9	<5	270	<0.5	<1	0.12	<0.5	23	4.8	14.7	10.1	1.69
74191 (-)	<0.2	0.89	8	<5	229	<0.5	<1	0.09	<0.5	22	4.9	14.4	8.8	1.67
74192 (-)	<0.2	0.82	11	<5	213	<0.5	<1	0.14	<0.5	23	5.1	13.4	12.9	1.69

Certified By: Ron Cardinall

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Certificate of Analysis

AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

CLIENT NAME: HUGHES EXPLORATION GROUP

ATTENTION TO: Bill Mann, Alan Campbell

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Sample Description RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
74193 (-)	<0.2	0.68	9	<5	149	<0.5	<1	0.11	<0.5	21	5.5	10.8	12.7	1.47
74194 (-)	<0.2	0.73	9	<5	290	<0.5	<1	0.12	<0.5	20	5.0	12.3	9.1	1.62
74195 (-)	<0.2	0.52	8	<5	109	<0.5	<1	0.09	<0.5	21	2.6	9.0	6.1	1.29
74196 (-)	<0.2	0.55	9	<5	173	<0.5	<1	0.12	<0.5	26	3.9	9.7	10.7	1.33
74197 (-)	<0.2	0.54	8	<5	167	<0.5	<1	0.13	<0.5	24	3.9	9.3	9.6	1.21
74198 (-)	<0.2	0.61	10	<5	155	<0.5	<1	0.14	<0.5	27	4.1	10.3	9.8	1.39
74199 (-)	<0.2	0.63	10	<5	199	<0.5	<1	0.10	<0.5	27	4.1	10.4	10.9	1.32
74200 (-)	<0.2	0.58	7	<5	303	<0.5	<1	0.15	<0.5	26	3.7	10.2	8.4	1.43
74201 (-)	<0.2	0.53	7	<5	184	<0.5	<1	0.11	<0.5	22	3.5	8.6	7.9	1.23
74202 (-)	<0.2	0.59	7	<5	297	<0.5	<1	0.11	<0.5	22	3.5	9.8	7.4	1.34
74203 (-)	<0.2	0.60	8	<5	216	<0.5	<1	0.09	<0.5	25	4.9	10.1	8.5	1.44

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Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
74001 (-)	<5	<1	2	0.04	11	9	0.19	124	0.8	<0.01	11.2	478	3.7	<10
74002 (-)	<5	<1	2	0.05	9	10	0.20	101	0.7	<0.01	12.0	496	5.2	10
74003 (-)	<5	<1	1	0.04	9	10	0.19	112	<0.5	<0.01	14.3	716	5.0	<10
74004 (-)	<5	<1	<1	0.03	10	9	0.18	105	0.8	<0.01	10.9	405	4.2	<10
74005 (-)	<5	<1	<1	0.03	9	9	0.17	69	0.7	<0.01	9.3	304	4.9	<10
74006 (-)	<5	<1	<1	0.03	10	12	0.20	139	0.7	<0.01	9.8	886	6.0	10
74007 (-)	<5	<1	1	0.04	10	10	0.20	235	1.0	<0.01	12.5	698	6.1	14
74008 (-)	<5	<1	<1	0.03	9	9	0.19	130	1.0	<0.01	11.8	688	4.9	11
74009 (-)	<5	<1	<1	0.03	9	9	0.19	99	0.9	<0.01	10.8	600	5.4	10
74010 (-)	<5	<1	3	0.04	10	10	0.19	137	0.7	<0.01	13.4	796	4.9	11
74011 (-)	<5	<1	3	0.03	9	11	0.21	128	0.7	<0.01	11.6	660	5.4	<10
74012 (-)	<5	<1	2	0.04	10	9	0.18	197	1.1	<0.01	13.9	688	4.9	10
74013 (-)	<5	<1	<1	0.04	9	9	0.19	142	0.8	<0.01	12.6	581	4.8	11
74014 (-)	<5	<1	3	0.04	10	10	0.20	140	<0.5	<0.01	12.4	813	5.8	12
74015 (-)	<5	<1	<1	0.03	9	9	0.18	278	0.7	<0.01	9.6	559	4.6	11
74016 (-)	<5	<1	<1	0.04	11	9	0.19	112	0.8	<0.01	12.9	751	5.4	12
74017 (-)	<5	<1	<1	0.04	10	9	0.19	93	1.0	<0.01	14.7	590	5.0	11
74018 (-)	<5	<1	3	0.04	12	10	0.22	122	0.8	<0.01	15.3	833	6.0	13
74019 (-)	<5	<1	2	0.04	10	11	0.21	206	1.0	<0.01	10.6	462	4.6	<10
74020 (-)	<5	<1	2	0.03	8	9	0.19	119	1.3	<0.01	14.9	625	5.2	<10
74021 (-)	<5	<1	<1	0.03	8	9	0.16	204	0.9	<0.01	8.8	521	4.4	<10
74022 (-)	<5	<1	3	0.03	10	10	0.19	131	0.8	<0.01	13.6	1020	6.3	11
74023 (-)	<5	<1	<1	0.04	8	10	0.18	185	1.4	<0.01	11.8	744	5.0	15
74024 (-)	<5	<1	1	0.05	8	9	0.18	137	1.0	<0.01	12.1	685	5.4	12
74025 (-)	<5	<1	1	0.04	11	10	0.21	125	1.1	<0.01	20.9	501	5.3	<10
74026 (-)	<5	<1	1	0.03	10	8	0.18	199	1.1	<0.01	20.1	717	4.8	<10
74027 (-)	<5	<1	3	0.05	10	9	0.21	133	0.7	<0.01	16.1	610	4.9	12
74028 (-)	<5	<1	<1	0.05	10	10	0.21	121	0.7	<0.01	15.8	651	5.4	12
74029 (-)	<5	<1	2	0.06	13	10	0.23	176	0.9	<0.01	20.8	836	5.6	13
74030 (-)	<5	<1	<1	0.05	10	8	0.19	164	0.6	<0.01	17.0	728	4.8	11
74031 (-)	<5	<1	<1	0.04	10	9	0.19	119	0.9	<0.01	13.2	521	4.4	10
74032 (-)	<5	<1	3	0.04	8	8	0.17	155	<0.5	<0.01	10.7	540	4.4	12

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DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
74033 (-)	<5	<1	1	0.04	11	9	0.20	148	0.7	<0.01	15.0	775	5.1	11
74034 (-)	<5	<1	<1	0.03	8	8	0.18	89	1.0	<0.01	14.8	606	4.3	<10
74035 (-)	<5	<1	<1	0.04	10	9	0.18	144	1.0	<0.01	14.1	518	4.9	<10
74036 (-)	<5	<1	2	0.05	10	10	0.18	140	0.7	<0.01	13.0	533	4.6	13
74037 (-)	<5	<1	2	0.07	11	9	0.20	110	0.8	<0.01	9.8	307	4.7	13
74038 (-)	<5	<1	1	0.04	7	9	0.17	89	<0.5	<0.01	12.3	514	4.1	<10
74039 (-)	<5	<1	1	0.03	9	7	0.16	214	0.5	<0.01	14.9	613	4.0	<10
74040 (-)	<5	<1	2	0.04	15	9	0.21	95	1.3	<0.01	12.7	288	5.7	12
74041 (-)	<5	<1	2	0.04	11	8	0.18	97	0.7	<0.01	13.6	508	4.4	<10
74042 (-)	<5	<1	2	0.04	10	8	0.18	168	1.0	<0.01	14.3	643	4.5	<10
74043 (-)	<5	<1	<1	0.05	10	8	0.18	167	0.7	<0.01	13.4	528	4.6	11
74044 (-)	<5	<1	2	0.12	16	12	0.26	250	0.7	<0.01	17.8	931	8.7	24
74045 (-)	<5	<1	2	0.04	10	8	0.19	125	0.8	<0.01	13.9	437	4.6	10
74046 (-)	<5	<1	<1	0.04	10	8	0.20	111	0.6	<0.01	13.5	312	5.0	<10
74047 (-)	<5	<1	<1	0.05	11	10	0.20	350	1.0	<0.01	11.9	616	6.1	11
74048 (-)	<5	<1	<1	0.05	10	9	0.16	279	0.9	<0.01	11.2	533	4.7	11
74049 (-)	<5	<1	2	0.06	10	9	0.19	136	1.4	<0.01	14.4	608	4.9	10
74050 (-)	<5	<1	1	0.05	9	8	0.19	111	0.9	<0.01	12.2	345	4.5	<10
74051 (-)	<5	<1	2	0.03	11	8	0.17	79	0.5	<0.01	7.6	371	3.1	<10
74052 (-)	<5	<1	<1	0.04	12	8	0.20	179	1.2	<0.01	11.4	453	3.8	<10
74053 (-)	<5	<1	<1	0.05	11	11	0.26	206	1.1	<0.01	15.6	635	6.5	13
74054 (-)	<5	<1	<1	0.05	9	9	0.22	191	1.0	<0.01	17.9	534	5.0	<10
74055 (-)	<5	<1	2	0.04	10	8	0.20	221	1.0	<0.01	12.9	500	5.0	<10
74056 (-)	<5	<1	<1	0.05	11	10	0.23	321	1.2	<0.01	15.2	441	5.8	12
74057 (-)	<5	<1	<1	0.06	13	10	0.25	254	0.8	<0.01	15.2	594	6.0	13
74058 (-)	<5	<1	2	0.05	10	9	0.22	154	0.8	<0.01	16.4	509	5.1	<10
74059 (-)	<5	<1	2	0.05	12	8	0.20	206	0.8	<0.01	13.7	559	4.8	<10
74060 (-)	<5	<1	2	0.04	11	8	0.19	202	0.8	<0.01	13.2	668	4.3	<10
74061 (-)	<5	<1	2	0.05	10	9	0.20	166	1.3	<0.01	14.7	401	4.7	<10
74062 (-)	<5	<1	3	0.04	10	9	0.18	204	1.0	<0.01	9.8	411	4.0	<10
74063 (-)	<5	<1	2	0.04	11	9	0.21	155	1.0	<0.01	15.2	593	5.8	11
74064 (-)	<5	<1	<1	0.06	13	9	0.23	247	1.0	<0.01	20.9	663	5.9	<10

Certified By: Roy Cardinall

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Certificate of Analysis

AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

CLIENT NAME: HUGHES EXPLORATION GROUP

ATTENTION TO: Bill Mann, Alan Campbell

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
74065 (-)	<5	<1	2	0.05	13	9	0.21	168	0.9	<0.01	18.6	446	5.5	10
74066 (-)	<5	<1	3	0.05	12	9	0.20	176	0.5	<0.01	15.6	572	5.1	10
74067 (-)	<5	<1	<1	0.05	12	9	0.23	191	1.0	<0.01	17.0	443	5.6	10
74068 (-)	<5	<1	<1	0.04	11	10	0.23	165	1.4	<0.01	16.5	506	6.1	12
74069 (-)	<5	<1	<1	0.05	11	9	0.22	202	1.3	<0.01	14.9	393	5.2	11
74070 (-)	<5	<1	2	0.04	9	9	0.20	199	1.1	<0.01	16.4	507	5.1	<10
74071 (-)	<5	<1	1	0.04	8	9	0.17	131	0.8	<0.01	7.9	352	3.4	<10
74072 (-)	<5	<1	<1	0.06	12	13	0.25	278	1.3	<0.01	16.8	646	6.0	13
74073 (-)	<5	<1	<1	0.05	11	10	0.21	128	1.2	<0.01	12.6	448	5.2	<10
74074 (-)	<5	<1	1	0.04	12	8	0.19	188	0.8	<0.01	14.0	357	4.9	<10
74075 (-)	<5	<1	<1	0.03	10	8	0.18	258	0.5	<0.01	13.6	572	4.5	<10
74076 (-)	<5	<1	<1	0.02	4	7	0.15	150	0.8	<0.01	11.0	532	4.3	<10
74077 (-)	<5	<1	<1	0.03	9	8	0.19	147	1.1	<0.01	15.5	361	5.1	<10
74078 (-)	<5	<1	<1	0.04	9	8	0.21	209	0.5	<0.01	16.9	561	5.1	<10
74079 (-)	<5	<1	<1	0.04	11	8	0.19	196	0.5	<0.01	13.4	509	4.5	<10
74080 (-)	<5	<1	<1	0.05	10	9	0.22	184	0.8	<0.01	17.3	359	5.5	<10
74081 (-)	<5	<1	<1	0.04	10	8	0.20	254	1.0	<0.01	15.4	387	4.9	<10
74082 (-)	<5	<1	<1	0.03	10	8	0.18	211	1.0	<0.01	13.7	422	4.1	<10
74083 (-)	<5	<1	<1	0.04	9	8	0.20	163	1.5	<0.01	14.6	377	5.0	<10
74084 (-)	<5	<1	<1	0.04	11	9	0.22	121	1.0	<0.01	13.5	337	5.2	<10
74085 (-)	<5	<1	<1	0.04	10	7	0.18	201	0.6	<0.01	13.4	366	4.4	<10
74086 (-)	<5	<1	<1	0.04	10	8	0.19	229	1.1	<0.01	15.2	518	4.4	<10
74087 (-)	<5	<1	<1	0.03	10	7	0.18	162	0.6	<0.01	16.7	451	4.5	<10
74088 (-)	<5	<1	<1	0.04	10	8	0.21	193	0.9	<0.01	15.4	518	4.7	<10
74089 (-)	<5	<1	<1	0.04	11	8	0.20	213	0.7	<0.01	15.0	400	5.0	<10
74090 (-)	<5	<1	<1	0.04	11	8	0.19	242	0.7	<0.01	14.9	472	4.4	<10
74091 (-)	<5	<1	2	0.03	8	8	0.16	212	0.9	<0.01	11.7	539	4.6	<10
74092 (-)	<5	<1	<1	0.05	10	9	0.22	175	1.1	<0.01	17.5	428	5.5	10
74093 (-)	<5	<1	2	0.07	13	13	0.24	119	0.8	<0.01	15.1	941	7.5	17
74094 (-)	<5	<1	3	0.05	11	9	0.22	183	1.2	<0.01	15.4	362	5.7	10
74095 (-)	<5	<1	<1	0.04	8	9	0.20	131	1.0	<0.01	14.2	480	5.3	<10
74096 (-)	<5	<1	<1	0.04	9	10	0.21	151	0.8	<0.01	13.9	283	5.5	11

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AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

CLIENT NAME: HUGHES EXPLORATION GROUP

ATTENTION TO: Bill Mann, Alan Campbell

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
74097 (-)	<5	<1	<1	0.03	8	7	0.16	105	0.8	<0.01	13.7	364	4.5	<10
74098 (-)	<5	<1	2	0.04	9	8	0.17	158	1.0	<0.01	13.6	608	4.3	<10
74099 (-)	<5	<1	<1	0.04	9	8	0.17	106	0.7	<0.01	15.4	646	4.6	<10
74100 (-)	<5	<1	<1	0.03	9	8	0.17	196	0.7	<0.01	15.2	488	4.6	<10
74101 (-)	<5	<1	<1	0.04	12	8	0.19	224	0.7	<0.01	13.4	430	4.9	<10
74102 (-)	<5	<1	2	0.03	11	9	0.18	70	0.9	<0.01	9.1	355	3.9	<10
74103 (-)	<5	<1	<1	0.03	8	8	0.18	52	1.0	<0.01	8.9	326	3.4	<10
74104 (-)	<5	<1	<1	0.03	9	9	0.19	87	0.5	<0.01	12.7	344	3.5	<10
74105 (-)	<5	<1	<1	0.04	10	9	0.21	198	0.6	<0.01	12.7	357	5.1	<10
74106 (-)	<5	<1	1	0.04	10	10	0.25	122	0.9	<0.01	14.5	395	6.4	13
74107 (-)	<5	<1	2	0.06	10	10	0.25	163	1.5	<0.01	17.2	399	6.5	13
74108 (-)	<5	<1	<1	0.05	10	10	0.24	219	0.8	<0.01	14.3	628	6.2	10
74109 (-)	<5	<1	<1	0.04	10	12	0.26	258	1.7	<0.01	12.6	542	7.3	12
74110 (-)	<5	<1	<1	0.05	9	12	0.26	171	1.2	<0.01	18.5	1380	6.9	13
74111 (-)	<5	<1	1	0.04	7	10	0.18	311	<0.5	<0.01	8.5	726	4.5	<10
74112 (-)	<5	<1	3	0.05	11	12	0.25	202	1.3	<0.01	14.2	529	7.5	17
74113 (-)	<5	<1	<1	0.05	10	12	0.22	149	1.2	<0.01	13.8	604	5.5	11
74114 (-)	<5	<1	1	0.06	10	12	0.21	169	0.7	<0.01	8.4	429	4.8	11
74115 (-)	<5	<1	3	0.05	13	9	0.20	171	0.9	<0.01	9.1	412	4.5	11
74116 (-)	<5	<1	2	0.05	9	12	0.18	372	0.8	<0.01	10.1	539	4.9	10
74117 (-)	<5	<1	<1	0.03	7	7	0.15	153	<0.5	<0.01	7.0	371	3.4	<10
74118 (-)	<5	<1	2	0.03	8	12	0.23	2550	1.2	<0.01	18.6	416	6.6	11
74119 (-)	<5	<1	<1	0.03	7	10	0.20	122	0.8	<0.01	11.2	443	5.1	<10
74120 (-)	<5	<1	<1	0.03	10	8	0.20	383	1.5	<0.01	13.7	398	4.2	<10
74121 (-)	<5	<1	<1	0.04	11	10	0.17	159	1.3	<0.01	13.5	453	5.3	<10
74122 (-)	<5	<1	<1	0.02	9	9	0.20	224	<0.5	<0.01	12.7	509	5.1	<10
74123 (-)	<5	<1	<1	0.03	11	8	0.17	995	1.4	<0.01	14.0	363	4.0	<10
74124 (-)	<5	<1	<1	0.04	9	10	0.22	300	0.8	<0.01	14.0	283	5.0	<10
74125 (-)	<5	<1	3	0.03	8	10	0.20	211	0.9	<0.01	8.8	269	4.1	<10
74126 (-)	<5	<1	2	0.03	9	11	0.17	107	0.6	<0.01	10.6	296	3.4	<10
74127 (-)	<5	<1	<1	0.03	6	8	0.19	1670	6.0	0.02	26.2	1370	3.1	<10
74128 (-)	<5	<1	2	0.04	9	9	0.20	111	0.9	<0.01	7.8	255	4.3	<10

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AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

CLIENT NAME: HUGHES EXPLORATION GROUP

ATTENTION TO: Bill Mann, Alan Campbell

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
74129 (-)	<5	<1	3	0.04	9	8	0.17	240	1.1	<0.01	7.8	387	5.0	12
74130 (-)	<5	<1	<1	0.03	7	14	0.23	198	2.0	<0.01	11.5	585	7.0	12
74131 (-)	<5	<1	1	0.04	8	10	0.21	466	1.2	<0.01	12.0	686	5.1	11
74132 (-)	<5	<1	<1	0.04	14	8	0.20	252	0.7	<0.01	13.7	715	4.9	<10
74133 (-)	<5	<1	<1	0.05	15	13	0.31	112	0.8	<0.01	16.0	369	6.0	<10
74134 (-)	<5	<1	2	0.04	11	10	0.19	74	1.0	<0.01	8.4	385	3.7	<10
74135 (-)	<5	<1	<1	0.06	10	13	0.26	165	1.0	<0.01	13.5	373	7.0	15
74136 (-)	<5	<1	<1	0.05	14	15	0.37	535	1.6	<0.01	18.1	490	7.0	<10
74137 (-)	<5	<1	<1	0.05	12	12	0.28	397	0.7	<0.01	15.8	425	5.5	<10
74138 (-)	<5	<1	<1	0.03	9	8	0.17	107	<0.5	<0.01	12.1	585	5.2	<10
74139 (-)	<5	<1	<1	0.04	10	8	0.19	195	0.8	<0.01	14.8	411	5.1	<10
74140 (-)	<5	<1	2	0.05	9	11	0.24	162	1.3	<0.01	16.4	375	7.0	14
74141 (-)	<5	<1	2	0.05	9	10	0.21	153	1.1	<0.01	14.5	613	6.0	13
74142 (-)	<5	<1	<1	0.05	10	10	0.22	156	0.6	<0.01	17.6	504	6.2	13
74143 (-)	<5	<1	2	0.05	10	10	0.21	162	0.7	<0.01	16.9	778	5.9	12
74144 (-)	<5	<1	<1	0.05	9	9	0.20	130	<0.5	<0.01	13.1	658	5.6	12
74145 (-)	<5	<1	3	0.05	9	10	0.21	144	1.1	<0.01	13.2	1040	5.9	11
74146 (-)	<5	<1	<1	0.05	9	9	0.16	283	0.8	<0.01	9.0	707	5.7	10
74147 (-)	<5	<1	3	0.06	11	9	0.22	143	0.8	<0.01	14.4	770	5.6	11
74148 (-)	<5	<1	2	0.05	9	8	0.16	142	0.7	<0.01	7.2	525	4.0	<10
74149 (-)	<5	<1	<1	0.05	10	10	0.21	139	<0.5	<0.01	11.4	904	5.2	11
74150 (-)	<5	<1	1	0.05	10	9	0.20	135	1.0	<0.01	13.6	600	5.3	11
74151 (-)	<5	<1	2	0.04	9	8	0.18	126	0.6	<0.01	16.5	736	4.9	<10
74152 (-)	<5	<1	1	0.03	8	8	0.18	104	0.6	<0.01	12.0	654	5.0	<10
74153 (-)	<5	<1	3	0.05	11	11	0.27	169	1.2	<0.01	15.7	534	6.9	14
74154 (-)	<5	<1	4	0.05	11	10	0.28	169	1.3	<0.01	18.1	486	6.7	13
74155 (-)	<5	<1	2	0.04	10	9	0.25	136	0.8	<0.01	15.2	285	5.6	10
74156 (-)	<5	<1	1	0.05	11	10	0.28	199	1.1	<0.01	18.2	376	6.4	12
74157 (-)	<5	<1	3	0.05	12	10	0.29	179	1.7	<0.01	17.9	277	6.6	13
74158 (-)	<5	<1	<1	0.05	10	11	0.24	174	0.8	<0.01	14.1	654	6.2	13
74159 (-)	<5	<1	<1	0.04	10	9	0.26	130	0.8	<0.01	15.4	355	6.4	11
74160 (-)	<5	<1	<1	0.04	10	10	0.27	204	0.9	<0.01	19.7	311	7.2	14

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AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

CLIENT NAME: HUGHES EXPLORATION GROUP

ATTENTION TO: Bill Mann, Alan Campbell

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
74161 (-)	<5	<1	<1	0.04	11	9	0.27	163	1.1	<0.01	15.0	290	6.0	10
74162 (-)	<5	<1	1	0.03	13	10	0.19	68	<0.5	<0.01	9.9	363	4.3	<10
74163 (-)	<5	<1	1	0.03	10	9	0.21	88	0.9	<0.01	10.6	338	4.2	<10
74164 (-)	<5	<1	2	0.03	10	9	0.18	60	<0.5	<0.01	8.5	333	3.4	<10
74165 (-)	<5	<1	<1	0.03	9	9	0.19	116	0.9	<0.01	7.0	177	4.5	10
74166 (-)	<5	<1	<1	0.03	14	9	0.22	181	0.8	<0.01	11.8	534	3.9	<10
74167 (-)	<5	<1	<1	0.03	8	7	0.16	434	3.7	<0.01	11.3	403	1.6	<10
74168 (-)	<5	<1	2	0.02	7	8	0.19	81	0.8	<0.01	9.3	270	4.2	<10
74169 (-)	<5	<1	<1	0.03	10	9	0.22	127	0.7	<0.01	11.7	291	4.5	<10
74170 (-)	<5	<1	<1	0.02	9	9	0.18	175	1.5	<0.01	10.9	384	3.3	<10
74171 (-)	<5	<1	<1	0.03	7	8	0.16	77	0.6	<0.01	8.4	269	4.0	<10
74172 (-)	<5	<1	<1	0.01	8	8	0.17	82	0.8	<0.01	7.6	347	3.5	<10
74173 (-)	<5	<1	<1	0.03	9	9	0.27	176	1.1	<0.01	15.5	207	6.3	12
74174 (-)	<5	<1	<1	0.03	9	9	0.26	211	0.9	<0.01	17.0	230	6.0	10
74175 (-)	<5	<1	<1	0.04	10	9	0.25	130	1.1	<0.01	21.6	281	6.2	11
74176 (-)	<5	<1	<1	0.03	10	9	0.18	77	1.0	<0.01	7.7	293	3.3	<10
74177 (-)	<5	<1	<1	0.03	8	11	0.19	69	0.7	<0.01	7.8	262	3.6	<10
74178 (-)	<5	<1	2	0.04	9	8	0.22	166	0.8	<0.01	17.7	636	5.3	<10
74179 (-)	<5	<1	<1	0.03	9	8	0.22	253	1.2	<0.01	18.4	437	5.8	<10
74180 (-)	<5	<1	<1	0.02	7	9	0.21	113	0.7	<0.01	16.7	420	6.7	<10
74181 (-)	<5	<1	<1	0.03	9	14	0.22	96	0.7	<0.01	13.9	242	5.2	11
74182 (-)	<5	<1	<1	0.03	10	11	0.18	86	0.7	<0.01	14.9	294	4.6	<10
74183 (-)	<5	<1	<1	0.03	9	10	0.16	684	1.0	<0.01	8.2	431	5.7	11
74184 (-)	<5	<1	<1	0.04	10	11	0.26	88	0.7	<0.01	11.4	340	5.0	<10
74185 (-)	<5	<1	<1	0.03	8	10	0.19	108	1.4	<0.01	10.4	287	5.1	<10
74186 (-)	<5	<1	<1	0.03	8	9	0.19	142	<0.5	<0.01	11.6	213	5.2	<10
74187 (-)	<5	<1	<1	0.03	8	11	0.22	113	1.0	<0.01	12.2	321	6.7	11
74188 (-)	<5	<1	2	0.03	9	8	0.20	101	1.1	<0.01	9.9	223	4.9	<10
74189 (-)	<5	<1	<1	0.06	10	10	0.27	169	1.2	<0.01	17.6	745	6.7	15
74190 (-)	<5	<1	<1	0.05	10	11	0.26	246	1.4	<0.01	15.0	556	6.2	11
74191 (-)	<5	<1	<1	0.04	10	10	0.24	141	1.1	<0.01	16.4	350	6.3	11
74192 (-)	<5	<1	<1	0.05	10	9	0.26	183	0.8	<0.01	20.4	494	6.5	11

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Certificate of Analysis

AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

CLIENT NAME: HUGHES EXPLORATION GROUP

ATTENTION TO: Bill Mann, Alan Campbell

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
74193 (-)	<5	<1	<1	0.04	8	8	0.22	163	0.8	<0.01	17.9	475	5.4	<10
74194 (-)	<5	<1	<1	0.04	9	8	0.24	281	1.1	<0.01	16.1	646	6.5	10
74195 (-)	<5	<1	<1	0.04	9	8	0.17	77	0.6	<0.01	9.3	316	4.6	<10
74196 (-)	<5	<1	<1	0.04	11	7	0.20	138	0.7	<0.01	13.6	498	4.7	<10
74197 (-)	<5	<1	<1	0.04	10	7	0.18	179	0.7	<0.01	13.2	532	4.7	<10
74198 (-)	<5	<1	<1	0.04	11	7	0.19	130	0.6	<0.01	15.2	672	5.3	<10
74199 (-)	<5	<1	<1	0.04	10	7	0.19	139	0.8	<0.01	14.8	272	5.0	<10
74200 (-)	<5	<1	<1	0.05	11	8	0.20	156	0.8	<0.01	13.2	499	4.8	12
74201 (-)	<5	<1	1	0.03	9	7	0.17	149	0.7	<0.01	11.8	509	5.1	<10
74202 (-)	<5	<1	<1	0.04	9	7	0.17	142	<0.5	<0.01	11.8	331	5.3	<10
74203 (-)	<5	<1	<1	0.04	10	7	0.19	122	0.9	<0.01	11.8	441	4.8	<10

Certified By: Ron Cardinall

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DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
74001 (-)	0.016	<1	1.3	<10	<5	16.0	<10	<10	<5	0.03	<5	<5	18.7	<1
74002 (-)	0.005	<1	1.3	<10	<5	9.2	<10	<10	<5	0.02	<5	<5	25.0	<1
74003 (-)	<0.005	<1	1.6	<10	<5	7.8	<10	<10	<5	0.02	<5	<5	27.2	<1
74004 (-)	<0.005	<1	1.1	<10	<5	8.3	<10	<10	<5	0.02	<5	<5	17.9	<1
74005 (-)	0.005	<1	1.2	<10	<5	5.2	<10	<10	<5	0.02	<5	<5	23.1	<1
74006 (-)	0.006	<1	1.4	<10	<5	6.1	<10	<10	<5	0.02	<5	<5	29.6	<1
74007 (-)	0.005	<1	1.5	<10	<5	5.5	<10	<10	<5	0.03	<5	<5	31.0	<1
74008 (-)	<0.005	<1	1.4	<10	<5	7.0	<10	<10	<5	0.02	<5	<5	25.3	<1
74009 (-)	<0.005	<1	1.3	<10	<5	6.7	<10	<10	<5	0.02	<5	<5	26.4	<1
74010 (-)	<0.005	<1	1.4	<10	<5	6.9	<10	<10	<5	0.02	<5	<5	25.9	<1
74011 (-)	<0.005	<1	1.5	<10	<5	5.1	<10	<10	<5	0.02	<5	<5	29.0	<1
74012 (-)	0.005	<1	1.4	<10	<5	9.8	<10	<10	<5	0.02	<5	<5	24.8	<1
74013 (-)	<0.005	<1	1.2	<10	<5	7.3	<10	<10	<5	0.02	<5	<5	24.0	<1
74014 (-)	0.006	<1	1.7	<10	<5	8.1	<10	<10	<5	0.02	<5	<5	29.3	<1
74015 (-)	<0.005	<1	1.4	<10	<5	8.6	<10	<10	<5	0.02	<5	<5	26.6	<1
74016 (-)	<0.005	<1	1.8	<10	<5	7.7	<10	<10	6	0.03	<5	<5	27.6	<1
74017 (-)	<0.005	<1	1.7	<10	<5	7.3	<10	<10	<5	0.02	<5	<5	24.7	<1
74018 (-)	<0.005	<1	2.0	<10	<5	9.5	<10	<10	5	0.03	<5	<5	29.5	<1
74019 (-)	0.005	<1	1.5	<10	<5	11.2	<10	<10	<5	0.02	<5	<5	21.9	<1
74020 (-)	<0.005	<1	1.6	<10	<5	6.8	<10	<10	<5	0.01	<5	<5	23.0	<1
74021 (-)	<0.005	<1	1.4	<10	<5	7.3	<10	<10	<5	0.02	<5	<5	24.1	<1
74022 (-)	<0.005	<1	1.6	<10	<5	7.3	<10	<10	5	0.02	<5	<5	24.8	<1
74023 (-)	<0.005	<1	1.4	<10	<5	4.9	<10	<10	<5	0.02	<5	<5	27.9	<1
74024 (-)	<0.005	<1	1.3	<10	<5	8.3	<10	<10	<5	0.01	<5	<5	22.5	<1
74025 (-)	<0.005	<1	1.7	<10	<5	8.1	<10	<10	5	0.02	<5	<5	22.4	<1
74026 (-)	<0.005	<1	1.4	<10	<5	8.0	<10	<10	<5	0.02	<5	<5	20.7	<1
74027 (-)	0.005	<1	1.3	<10	<5	10.3	<10	<10	<5	0.02	<5	<5	22.9	<1
74028 (-)	<0.005	<1	1.9	<10	<5	7.0	<10	<10	5	0.02	<5	<5	27.1	<1
74029 (-)	<0.005	<1	2.1	<10	<5	10.7	<10	<10	<5	0.03	<5	<5	27.5	<1
74030 (-)	<0.005	<1	1.5	<10	<5	9.2	<10	<10	<5	0.02	<5	<5	21.3	<1
74031 (-)	<0.005	<1	1.4	<10	<5	7.2	<10	<10	<5	0.02	<5	<5	22.4	<1
74032 (-)	<0.005	<1	1.3	<10	<5	6.5	<10	<10	<5	0.02	<5	<5	20.0	<1

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AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

CLIENT NAME: HUGHES EXPLORATION GROUP

ATTENTION TO: Bill Mann, Alan Campbell

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
74033 (-)	<0.005	<1	1.6	<10	<5	9.3	<10	<10	<5	0.02	<5	<5	23.0	<1
74034 (-)	<0.005	<1	1.2	<10	<5	8.1	<10	<10	<5	0.01	<5	<5	17.6	<1
74035 (-)	<0.005	<1	1.3	<10	<5	7.9	<10	<10	<5	0.02	<5	<5	20.1	<1
74036 (-)	<0.005	<1	1.4	<10	<5	7.9	<10	<10	<5	0.02	<5	<5	23.3	<1
74037 (-)	<0.005	<1	1.3	<10	<5	6.7	<10	<10	<5	0.03	<5	<5	22.8	<1
74038 (-)	<0.005	<1	1.1	<10	<5	7.3	<10	<10	<5	0.02	<5	<5	19.6	<1
74039 (-)	<0.005	<1	1.2	<10	<5	9.1	<10	<10	<5	0.01	<5	<5	16.6	<1
74040 (-)	<0.005	<1	1.6	<10	<5	4.7	<10	<10	<5	0.02	<5	<5	24.7	<1
74041 (-)	<0.005	<1	1.4	<10	<5	10.0	<10	<10	<5	0.02	<5	<5	21.0	<1
74042 (-)	<0.005	<1	1.4	<10	<5	9.8	<10	<10	<5	0.02	<5	<5	19.6	<1
74043 (-)	<0.005	<1	1.4	<10	<5	8.6	<10	<10	<5	0.02	<5	<5	22.2	<1
74044 (-)	0.018	<1	1.6	<10	<5	21.5	<10	<10	<5	0.02	<5	<5	26.3	<1
74045 (-)	<0.005	<1	1.5	<10	<5	7.4	<10	<10	<5	0.02	<5	<5	22.1	<1
74046 (-)	<0.005	<1	1.5	<10	<5	6.6	<10	<10	<5	0.02	<5	<5	19.5	<1
74047 (-)	0.006	<1	1.6	<10	<5	10.8	<10	<10	<5	0.03	<5	<5	27.1	<1
74048 (-)	<0.005	<1	1.3	<10	<5	9.0	<10	<10	5	0.02	<5	<5	23.5	<1
74049 (-)	<0.005	<1	1.5	<10	<5	9.9	<10	<10	<5	0.02	<5	<5	23.2	<1
74050 (-)	<0.005	<1	1.5	<10	<5	7.6	<10	<10	<5	0.02	<5	<5	21.7	<1
74051 (-)	0.008	<1	1.1	<10	<5	13.4	<10	<10	<5	0.03	<5	<5	16.7	<1
74052 (-)	0.005	1	1.3	<10	<5	12.8	<10	<10	<5	0.03	<5	<5	19.0	<1
74053 (-)	0.005	<1	1.7	<10	<5	11.5	<10	<10	<5	0.03	<5	<5	33.7	<1
74054 (-)	<0.005	<1	1.4	<10	<5	9.4	<10	<10	<5	0.02	<5	<5	24.1	<1
74055 (-)	<0.005	<1	1.6	<10	<5	8.4	<10	<10	<5	0.02	<5	<5	23.0	<1
74056 (-)	<0.005	<1	1.8	<10	<5	10.5	<10	<10	5	0.03	<5	<5	28.5	<1
74057 (-)	0.005	<1	1.8	<10	<5	12.1	<10	<10	6	0.03	<5	<5	31.7	<1
74058 (-)	<0.005	<1	1.3	<10	<5	8.2	<10	<10	<5	0.03	<5	<5	24.5	<1
74059 (-)	<0.005	<1	1.5	<10	<5	10.0	<10	<10	<5	0.03	<5	<5	22.4	<1
74060 (-)	<0.005	<1	1.2	<10	<5	10.4	<10	<10	<5	0.03	<5	<5	19.5	<1
74061 (-)	<0.005	<1	1.6	<10	<5	9.0	<10	<10	<5	0.02	<5	<5	22.6	<1
74062 (-)	<0.005	<1	1.3	<10	<5	10.0	<10	<10	<5	0.02	<5	<5	19.9	<1
74063 (-)	<0.005	<1	1.6	<10	<5	7.9	<10	<10	<5	0.02	<5	<5	26.5	<1
74064 (-)	0.005	<1	1.7	<10	<5	13.0	<10	<10	6	0.03	<5	<5	27.1	<1

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Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
74065 (-)	<0.005	<1	1.8	<10	<5	8.4	<10	<10	5	0.03	<5	<5	25.2	<1
74066 (-)	<0.005	<1	1.5	<10	<5	8.3	<10	<10	<5	0.03	<5	<5	24.9	<1
74067 (-)	<0.005	<1	1.8	<10	<5	7.2	<10	<10	<5	0.03	<5	<5	25.7	<1
74068 (-)	<0.005	<1	1.7	<10	<5	6.6	<10	<10	<5	0.03	<5	<5	29.7	<1
74069 (-)	<0.005	<1	1.8	<10	<5	8.0	<10	<10	<5	0.03	<5	<5	26.3	<1
74070 (-)	<0.005	<1	1.3	<10	<5	10.1	<10	<10	<5	0.02	<5	<5	21.6	<1
74071 (-)	<0.005	<1	1.0	<10	<5	9.1	<10	<10	<5	0.01	<5	<5	16.8	<1
74072 (-)	0.007	<1	1.8	<10	<5	13.8	<10	<10	<5	0.02	<5	<5	33.1	<1
74073 (-)	0.006	<1	1.4	<10	<5	9.7	<10	<10	<5	0.03	<5	<5	27.4	<1
74074 (-)	<0.005	<1	1.9	<10	<5	6.2	<10	<10	6	0.03	<5	<5	22.4	<1
74075 (-)	<0.005	<1	1.1	<10	<5	10.3	<10	<10	<5	0.02	<5	<5	17.4	<1
74076 (-)	<0.005	<1	1.1	<10	<5	6.9	<10	<10	<5	<0.01	<5	<5	14.7	<1
74077 (-)	<0.005	<1	1.4	<10	<5	4.9	<10	<10	<5	0.02	<5	<5	21.6	<1
74078 (-)	0.005	<1	1.1	<10	<5	11.5	<10	<10	<5	0.02	<5	<5	21.2	<1
74079 (-)	<0.005	<1	1.6	<10	<5	7.7	<10	<10	<5	0.03	<5	<5	19.7	<1
74080 (-)	<0.005	<1	1.8	<10	<5	7.8	<10	<10	<5	0.03	<5	<5	24.3	<1
74081 (-)	<0.005	<1	1.5	<10	<5	7.5	<10	<10	<5	0.02	<5	<5	21.6	<1
74082 (-)	<0.005	<1	1.3	<10	<5	6.5	<10	<10	<5	0.02	<5	<5	16.8	<1
74083 (-)	<0.005	<1	1.5	<10	<5	6.4	<10	<10	<5	0.02	<5	<5	21.6	<1
74084 (-)	<0.005	<1	1.9	<10	<5	6.3	<10	<10	<5	0.02	<5	<5	24.3	<1
74085 (-)	<0.005	<1	1.6	<10	<5	7.2	<10	<10	<5	0.02	<5	<5	18.7	<1
74086 (-)	<0.005	<1	1.3	<10	<5	11.1	<10	<10	<5	0.02	<5	<5	19.5	<1
74087 (-)	<0.005	<1	1.3	<10	<5	8.9	<10	<10	<5	0.02	<5	<5	16.2	<1
74088 (-)	<0.005	<1	1.3	<10	<5	9.7	<10	<10	<5	0.02	<5	<5	19.1	<1
74089 (-)	<0.005	<1	1.6	<10	<5	7.6	<10	<10	<5	0.02	<5	<5	21.3	<1
74090 (-)	<0.005	<1	1.3	<10	<5	9.2	<10	<10	<5	0.02	<5	<5	17.6	<1
74091 (-)	<0.005	<1	1.2	<10	<5	8.2	<10	<10	<5	0.02	<5	<5	19.8	<1
74092 (-)	<0.005	<1	1.7	<10	<5	8.3	<10	<10	<5	0.03	<5	<5	26.3	<1
74093 (-)	0.006	<1	1.8	<10	<5	12.1	<10	<10	<5	0.02	<5	<5	30.5	<1
74094 (-)	<0.005	<1	1.5	<10	<5	8.4	<10	<10	<5	0.03	<5	<5	26.5	<1
74095 (-)	<0.005	<1	1.3	<10	<5	7.2	<10	<10	<5	0.02	<5	<5	23.2	<1
74096 (-)	<0.005	<1	1.4	<10	<5	5.7	<10	<10	<5	0.02	<5	<5	26.1	<1

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Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
74097 (-)	<0.005	<1	1.2	<10	<5	6.2	<10	<10	<5	0.02	<5	<5	19.0	<1
74098 (-)	<0.005	<1	1.3	<10	<5	7.8	<10	<10	<5	0.02	<5	<5	19.0	<1
74099 (-)	<0.005	<1	1.4	<10	<5	7.4	<10	<10	<5	0.02	<5	<5	20.9	<1
74100 (-)	<0.005	<1	1.6	<10	<5	6.4	<10	<10	<5	0.02	<5	<5	18.9	<1
74101 (-)	<0.005	<1	1.8	<10	<5	6.1	<10	<10	<5	0.03	<5	<5	19.8	<1
74102 (-)	0.009	<1	1.1	<10	<5	11.4	<10	<10	<5	0.03	<5	<5	18.4	<1
74103 (-)	0.012	<1	1.0	<10	<5	10.9	<10	<10	<5	0.01	<5	<5	14.3	<1
74104 (-)	0.015	1	1.3	<10	<5	18.4	<10	<10	<5	0.02	<5	<5	18.1	<1
74105 (-)	0.007	1	1.5	<10	<5	12.0	<10	<10	<5	0.02	<5	<5	26.0	<1
74106 (-)	<0.005	<1	1.6	<10	<5	6.9	<10	<10	<5	0.03	<5	<5	31.2	<1
74107 (-)	<0.005	<1	1.7	<10	<5	8.5	<10	<10	<5	0.03	<5	<5	31.1	<1
74108 (-)	<0.005	<1	1.6	<10	<5	9.1	<10	<10	<5	0.03	<5	<5	30.1	<1
74109 (-)	0.005	<1	1.6	<10	<5	9.2	<10	<10	<5	0.02	<5	<5	37.5	<1
74110 (-)	0.005	<1	1.8	<10	<5	12.5	<10	<10	<5	0.02	<5	<5	33.8	<1
74111 (-)	<0.005	<1	1.1	<10	<5	8.6	<10	<10	<5	0.01	<5	<5	21.0	<1
74112 (-)	<0.005	<1	2.2	<10	<5	6.6	<10	<10	5	0.03	<5	<5	42.2	<1
74113 (-)	0.006	<1	1.4	<10	<5	10.3	<10	<10	<5	0.02	<5	<5	27.4	<1
74114 (-)	<0.005	<1	1.2	<10	<5	11.2	<10	<10	<5	0.02	<5	<5	23.5	<1
74115 (-)	0.007	<1	1.2	<10	<5	13.9	<10	<10	<5	0.03	<5	<5	22.7	<1
74116 (-)	0.006	<1	1.3	<10	<5	13.1	<10	<10	<5	0.02	<5	<5	24.2	<1
74117 (-)	0.005	<1	0.9	<10	<5	8.8	<10	<10	<5	0.01	<5	<5	17.8	<1
74118 (-)	0.031	1	1.6	<10	<5	25.6	<10	<10	<5	0.01	<5	<5	24.3	<1
74119 (-)	<0.005	<1	1.4	<10	<5	8.1	<10	<10	<5	0.02	<5	<5	26.4	<1
74120 (-)	0.006	<1	1.2	<10	<5	10.9	<10	<10	<5	0.02	<5	<5	18.2	<1
74121 (-)	<0.005	<1	1.3	<10	<5	7.5	<10	<10	<5	0.03	<5	<5	23.4	<1
74122 (-)	0.064	1	1.3	<10	<5	31.7	<10	<10	<5	0.01	<5	<5	16.4	<1
74123 (-)	0.012	<1	1.5	<10	<5	16.4	<10	<10	<5	0.02	<5	<5	21.3	<1
74124 (-)	0.007	<1	1.4	<10	<5	11.7	<10	<10	<5	0.02	<5	<5	29.4	<1
74125 (-)	0.005	<1	1.2	<10	<5	9.8	<10	<10	<5	0.02	<5	<5	25.1	<1
74126 (-)	0.007	<1	1.1	<10	<5	10.5	<10	<10	<5	0.02	<5	<5	17.0	<1
74127 (-)	0.169	<1	2.0	<10	<5	110	<10	<10	<5	0.02	<5	<5	38.0	<1
74128 (-)	0.008	<1	1.3	<10	<5	10.4	<10	<10	<5	0.02	<5	<5	28.8	<1

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AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

CLIENT NAME: HUGHES EXPLORATION GROUP

ATTENTION TO: Bill Mann, Alan Campbell

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
74129 (-)	0.009	<1	1.3	<10	<5	13.7	<10	<10	<5	0.02	<5	<5	31.0	<1
74130 (-)	0.006	<1	1.4	<10	<5	6.9	<10	<10	<5	0.01	<5	<5	36.8	<1
74131 (-)	0.006	<1	1.3	<10	<5	12.1	<10	<10	<5	0.02	<5	<5	30.1	<1
74132 (-)	0.005	<1	1.2	<10	<5	11.3	<10	<10	<5	0.03	<5	<5	20.9	<1
74133 (-)	0.039	<1	1.7	<10	<5	22.3	<10	<10	<5	0.02	<5	<5	21.5	<1
74134 (-)	0.022	<1	1.1	<10	<5	17.5	<10	<10	<5	0.02	<5	<5	17.0	<1
74135 (-)	<0.005	<1	1.9	<10	<5	8.9	<10	<10	<5	0.03	<5	<5	39.1	<1
74136 (-)	0.090	1	1.8	<10	<5	50.0	<10	<10	<5	0.02	<5	<5	22.8	<1
74137 (-)	0.043	<1	1.5	<10	<5	27.5	<10	<10	<5	0.03	<5	<5	20.6	<1
74138 (-)	<0.005	<1	1.4	<10	<5	7.7	<10	<10	<5	0.02	<5	<5	23.1	<1
74139 (-)	<0.005	<1	1.5	<10	<5	7.3	<10	<10	<5	0.02	<5	<5	21.0	<1
74140 (-)	0.005	<1	1.7	<10	<5	6.7	<10	<10	<5	0.02	<5	<5	31.9	<1
74141 (-)	<0.005	<1	1.6	<10	<5	6.7	<10	<10	<5	0.02	<5	<5	31.7	<1
74142 (-)	<0.005	<1	1.7	<10	<5	8.1	<10	<10	<5	0.02	<5	<5	29.8	<1
74143 (-)	<0.005	<1	1.8	<10	<5	9.7	<10	<10	<5	0.02	<5	<5	27.7	<1
74144 (-)	<0.005	<1	1.5	<10	<5	7.4	<10	<10	<5	0.02	<5	<5	26.7	<1
74145 (-)	0.005	<1	1.5	<10	<5	10.3	<10	<10	<5	0.02	<5	<5	26.2	<1
74146 (-)	<0.005	<1	1.6	<10	<5	6.7	<10	<10	<5	0.02	<5	<5	30.0	<1
74147 (-)	<0.005	<1	1.6	<10	<5	10.6	<10	<10	<5	0.02	<5	<5	27.5	<1
74148 (-)	<0.005	<1	1.2	<10	<5	6.5	<10	<10	<5	0.02	<5	<5	21.7	<1
74149 (-)	<0.005	<1	1.6	<10	<5	10.8	<10	<10	<5	0.02	<5	<5	26.1	<1
74150 (-)	<0.005	<1	1.4	<10	<5	9.8	<10	<10	<5	0.02	<5	<5	24.5	<1
74151 (-)	<0.005	<1	1.6	<10	<5	7.9	<10	<10	<5	0.01	<5	<5	20.3	<1
74152 (-)	<0.005	<1	1.4	<10	<5	5.9	<10	<10	<5	0.01	<5	<5	20.6	<1
74153 (-)	0.005	<1	2.0	<10	<5	9.9	<10	<10	5	0.03	<5	<5	33.6	<1
74154 (-)	<0.005	<1	1.8	<10	<5	8.1	<10	<10	<5	0.03	<5	<5	30.8	<1
74155 (-)	<0.005	<1	1.6	<10	<5	8.4	<10	<10	<5	0.03	<5	<5	25.1	<1
74156 (-)	<0.005	<1	2.0	<10	<5	8.9	<10	<10	<5	0.04	<5	<5	29.5	<1
74157 (-)	<0.005	<1	2.3	<10	<5	7.7	<10	<10	6	0.04	<5	<5	31.6	<1
74158 (-)	<0.005	<1	1.7	<10	<5	9.7	<10	<10	<5	0.03	<5	<5	30.1	<1
74159 (-)	0.005	<1	1.7	<10	<5	5.0	<10	<10	<5	0.03	<5	<5	30.6	<1
74160 (-)	<0.005	<1	2.1	<10	<5	5.5	<10	<10	6	0.03	<5	<5	33.9	<1

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AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

CLIENT NAME: HUGHES EXPLORATION GROUP

ATTENTION TO: Bill Mann, Alan Campbell

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
74161 (-)	<0.005	<1	1.9	<10	<5	6.3	<10	<10	6	0.03	<5	<5	28.7	<1
74162 (-)	0.011	<1	1.3	<10	<5	12.8	<10	<10	<5	0.03	<5	<5	19.3	<1
74163 (-)	0.008	<1	1.3	<10	<5	12.9	<10	<10	<5	0.02	<5	<5	20.9	<1
74164 (-)	0.011	<1	1.1	<10	<5	11.4	<10	<10	<5	0.02	<5	<5	17.9	<1
74165 (-)	<0.005	<1	1.3	<10	<5	6.4	<10	<10	<5	0.03	<5	<5	29.3	<1
74166 (-)	0.012	<1	1.3	<10	<5	16.0	<10	<10	6	0.03	<5	<5	20.2	<1
74167 (-)	0.026	<1	1.0	<10	<5	15.1	<10	<10	6	0.01	<5	<5	17.9	<1
74168 (-)	<0.005	<1	1.3	<10	<5	7.9	<10	<10	<5	0.02	<5	<5	23.6	<1
74169 (-)	<0.005	<1	1.4	<10	<5	7.7	<10	<10	5	0.02	<5	<5	23.0	<1
74170 (-)	0.023	<1	1.1	<10	<5	17.1	<10	<10	<5	0.01	<5	<5	21.7	<1
74171 (-)	0.007	<1	0.8	<10	<5	9.9	<10	<10	<5	0.01	<5	<5	14.0	<1
74172 (-)	0.009	<1	0.9	<10	<5	12.4	<10	<10	<5	0.01	<5	<5	17.3	<1
74173 (-)	<0.005	<1	1.9	<10	<5	6.0	<10	<10	6	0.03	<5	<5	28.7	<1
74174 (-)	<0.005	<1	2.2	<10	<5	4.6	<10	<10	6	0.03	<5	<5	26.7	<1
74175 (-)	<0.005	<1	2.0	<10	<5	5.2	<10	<10	7	0.03	<5	<5	27.8	<1
74176 (-)	0.005	<1	0.9	<10	<5	11.5	<10	<10	<5	0.02	<5	<5	18.2	<1
74177 (-)	0.005	<1	1.0	<10	<5	9.9	<10	<10	<5	0.02	<5	<5	16.8	<1
74178 (-)	<0.005	<1	1.7	<10	<5	6.9	<10	<10	5	0.02	<5	<5	23.6	<1
74179 (-)	<0.005	<1	1.6	<10	<5	6.3	<10	<10	5	0.02	<5	<5	20.2	<1
74180 (-)	<0.005	<1	1.5	<10	<5	3.1	<10	<10	6	0.01	<5	<5	22.3	<1
74181 (-)	0.006	<1	1.4	<10	<5	9.5	<10	<10	<5	0.02	<5	<5	24.6	<1
74182 (-)	0.007	1	1.2	<10	<5	9.4	<10	<10	<5	0.02	<5	<5	21.2	<1
74183 (-)	<0.005	<1	1.4	<10	<5	8.0	<10	<10	<5	0.02	<5	<5	29.5	<1
74184 (-)	0.021	<1	1.5	<10	<5	17.8	<10	<10	<5	0.02	<5	<5	19.4	<1
74185 (-)	<0.005	<1	1.0	<10	<5	8.8	<10	<10	<5	0.01	<5	<5	22.7	<1
74186 (-)	<0.005	<1	1.1	<10	<5	7.7	<10	<10	<5	0.01	<5	<5	18.3	<1
74187 (-)	<0.005	<1	1.5	<10	<5	3.7	<10	<10	<5	0.02	<5	<5	33.1	<1
74188 (-)	<0.005	<1	1.2	<10	<5	5.1	<10	<10	<5	0.02	<5	<5	26.0	<1
74189 (-)	<0.005	<1	2.1	<10	<5	12.0	<10	<10	6	0.02	<5	<5	35.9	<1
74190 (-)	<0.005	<1	1.7	<10	<5	10.2	<10	<10	5	0.03	<5	<5	34.3	<1
74191 (-)	<0.005	<1	1.6	<10	<5	6.2	<10	<10	6	0.03	<5	<5	33.0	<1
74192 (-)	<0.005	<1	1.7	<10	<5	10.4	<10	<10	6	0.02	<5	<5	28.6	<1

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Certificate of Analysis

AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

CLIENT NAME: HUGHES EXPLORATION GROUP

ATTENTION TO: Bill Mann, Alan Campbell

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
74193 (-)	<0.005	<1	1.7	<10	<5	7.5	<10	<10	5	0.02	<5	<5	21.7	<1
74194 (-)	<0.005	<1	1.6	<10	<5	9.0	<10	<10	6	0.02	<5	<5	26.6	<1
74195 (-)	<0.005	<1	1.1	<10	<5	5.7	<10	<10	<5	0.02	<5	<5	20.8	<1
74196 (-)	<0.005	<1	1.4	<10	<5	7.9	<10	<10	5	0.02	<5	<5	21.5	<1
74197 (-)	<0.005	<1	1.4	<10	<5	8.7	<10	<10	5	0.02	<5	<5	20.7	<1
74198 (-)	<0.005	<1	1.5	<10	<5	7.9	<10	<10	6	0.02	<5	<5	23.4	<1
74199 (-)	<0.005	<1	1.5	<10	<5	6.2	<10	<10	6	0.02	<5	<5	21.9	<1
74200 (-)	0.006	<1	1.4	<10	<5	9.1	<10	<10	6	0.02	<5	<5	20.3	<1
74201 (-)	<0.005	<1	1.3	<10	<5	7.5	<10	<10	<5	0.02	<5	<5	19.5	<1
74202 (-)	<0.005	<1	1.2	<10	<5	6.2	<10	<10	5	0.01	<5	<5	21.9	<1
74203 (-)	<0.005	<1	1.6	<10	<5	7.3	<10	<10	5	0.02	<5	<5	21.7	<1

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Analyte:	Y	Zn	Zr
Unit:	ppm	ppm	ppm
Sample Description RDL:	1	0.5	5
74001 (-)	5	34.6	<5
74002 (-)	2	43.0	<5
74003 (-)	3	53.0	<5
74004 (-)	4	36.5	<5
74005 (-)	2	34.8	<5
74006 (-)	2	64.8	<5
74007 (-)	3	103	<5
74008 (-)	2	51.6	<5
74009 (-)	2	43.8	<5
74010 (-)	3	50.5	<5
74011 (-)	2	47.3	<5
74012 (-)	3	42.5	<5
74013 (-)	2	61.4	<5
74014 (-)	3	53.3	<5
74015 (-)	2	57.2	<5
74016 (-)	3	55.1	<5
74017 (-)	3	44.6	<5
74018 (-)	3	59.7	<5
74019 (-)	3	35.0	<5
74020 (-)	3	41.2	<5
74021 (-)	2	53.0	<5
74022 (-)	3	68.8	<5
74023 (-)	2	79.0	<5
74024 (-)	2	55.2	<5
74025 (-)	4	47.1	<5
74026 (-)	3	44.8	<5
74027 (-)	3	40.9	<5
74028 (-)	3	47.5	<5
74029 (-)	4	48.6	<5
74030 (-)	4	39.4	<5
74031 (-)	3	39.7	<5
74032 (-)	2	47.4	<5

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Analyte:	Y	Zn	Zr
Unit:	ppm	ppm	ppm
Sample Description RDL:	1	0.5	5
74033 (-)	3	43.1	<5
74034 (-)	3	35.6	<5
74035 (-)	3	33.3	<5
74036 (-)	3	41.2	<5
74037 (-)	3	29.6	<5
74038 (-)	2	36.6	<5
74039 (-)	4	39.2	<5
74040 (-)	3	37.9	<5
74041 (-)	3	32.9	<5
74042 (-)	3	37.8	<5
74043 (-)	3	41.9	<5
74044 (-)	4	53.9	<5
74045 (-)	3	34.2	<5
74046 (-)	3	31.7	<5
74047 (-)	3	50.3	<5
74048 (-)	3	43.3	<5
74049 (-)	3	41.2	<5
74050 (-)	2	34.9	<5
74051 (-)	3	28.6	<5
74052 (-)	4	34.2	<5
74053 (-)	3	55.8	<5
74054 (-)	3	40.2	<5
74055 (-)	3	38.2	<5
74056 (-)	3	47.5	<5
74057 (-)	4	50.4	<5
74058 (-)	3	40.6	<5
74059 (-)	3	45.2	<5
74060 (-)	3	38.2	<5
74061 (-)	3	37.6	<5
74062 (-)	3	32.4	<5
74063 (-)	3	44.6	<5
74064 (-)	4	44.9	<5

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Analyte:	Y	Zn	Zr
Unit:	ppm	ppm	ppm
Sample Description RDL:	1	0.5	5
74065 (-)	4	41.0	<5
74066 (-)	3	37.5	<5
74067 (-)	3	43.8	<5
74068 (-)	3	48.6	<5
74069 (-)	3	45.7	<5
74070 (-)	3	40.2	<5
74071 (-)	3	32.3	<5
74072 (-)	4	51.1	<5
74073 (-)	3	47.1	<5
74074 (-)	3	36.3	<5
74075 (-)	3	35.5	<5
74076 (-)	2	37.7	<5
74077 (-)	3	49.0	<5
74078 (-)	3	38.7	<5
74079 (-)	4	35.3	<5
74080 (-)	3	39.7	<5
74081 (-)	3	37.1	<5
74082 (-)	3	33.0	<5
74083 (-)	3	37.8	<5
74084 (-)	3	41.4	<5
74085 (-)	3	34.0	<5
74086 (-)	4	46.2	<5
74087 (-)	4	34.2	<5
74088 (-)	3	39.9	<5
74089 (-)	3	37.2	<5
74090 (-)	4	34.9	<5
74091 (-)	3	46.1	<5
74092 (-)	3	46.2	<5
74093 (-)	4	49.8	<5
74094 (-)	3	48.1	<5
74095 (-)	3	40.6	<5
74096 (-)	2	46.1	<5

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Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	Y	Zn	Zr
Unit:	ppm	ppm	ppm
Sample Description RDL:	1	0.5	5
74097 (-)	2	35.5	<5
74098 (-)	3	35.6	<5
74099 (-)	3	34.1	<5
74100 (-)	3	34.6	<5
74101 (-)	4	38.0	<5
74102 (-)	3	27.7	<5
74103 (-)	3	27.9	<5
74104 (-)	5	27.5	<5
74105 (-)	3	37.0	<5
74106 (-)	3	41.3	<5
74107 (-)	3	47.5	<5
74108 (-)	3	49.9	<5
74109 (-)	2	56.6	<5
74110 (-)	3	52.7	<5
74111 (-)	2	32.6	<5
74112 (-)	3	72.1	<5
74113 (-)	2	55.6	<5
74114 (-)	2	70.6	<5
74115 (-)	3	40.5	<5
74116 (-)	3	54.9	<5
74117 (-)	2	26.0	<5
74118 (-)	3	56.1	<5
74119 (-)	2	41.8	<5
74120 (-)	3	29.1	<5
74121 (-)	3	36.4	<5
74122 (-)	5	30.8	<5
74123 (-)	5	18.1	<5
74124 (-)	3	41.3	<5
74125 (-)	2	33.4	<5
74126 (-)	3	27.6	<5
74127 (-)	5	33.2	<5
74128 (-)	2	35.4	<5

Certified By: Ron Cardinall

Results relate only to the items tested

AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

CLIENT NAME: HUGHES EXPLORATION GROUP

ATTENTION TO: Bill Mann, Alan Campbell

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	Y	Zn	Zr
Unit:	ppm	ppm	ppm
Sample Description RDL:	1	0.5	5
74129 (-)	2	34.6	<5
74130 (-)	2	43.7	<5
74131 (-)	2	51.5	<5
74132 (-)	4	35.9	<5
74133 (-)	6	44.4	<5
74134 (-)	4	26.8	<5
74135 (-)	2	55.1	<5
74136 (-)	7	41.7	<5
74137 (-)	5	35.1	<5
74138 (-)	3	45.2	<5
74139 (-)	3	39.1	<5
74140 (-)	2	51.2	<5
74141 (-)	2	60.3	<5
74142 (-)	3	49.9	<5
74143 (-)	3	46.7	<5
74144 (-)	2	65.7	<5
74145 (-)	3	62.6	<5
74146 (-)	2	48.8	<5
74147 (-)	3	48.0	<5
74148 (-)	2	46.5	<5
74149 (-)	3	50.7	<5
74150 (-)	3	39.4	<5
74151 (-)	3	38.5	<5
74152 (-)	3	43.3	<5
74153 (-)	3	46.0	<5
74154 (-)	3	46.9	<5
74155 (-)	3	32.6	<5
74156 (-)	3	39.6	<5
74157 (-)	3	41.4	<5
74158 (-)	3	41.8	<5
74159 (-)	3	43.6	<5
74160 (-)	3	44.6	<5

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DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	Y	Zn	Zr
Unit:	ppm	ppm	ppm
Sample Description RDL:	1	0.5	5
74161 (-)	3	37.2	<5
74162 (-)	4	30.8	<5
74163 (-)	4	33.0	<5
74164 (-)	3	25.3	<5
74165 (-)	2	33.1	<5
74166 (-)	5	36.7	<5
74167 (-)	4	36.6	<5
74168 (-)	2	36.4	<5
74169 (-)	3	34.9	<5
74170 (-)	3	27.0	<5
74171 (-)	3	27.5	<5
74172 (-)	3	25.9	<5
74173 (-)	2	39.3	<5
74174 (-)	3	39.7	<5
74175 (-)	3	44.5	<5
74176 (-)	3	32.0	<5
74177 (-)	2	38.5	<5
74178 (-)	3	43.0	<5
74179 (-)	3	45.4	<5
74180 (-)	2	45.7	<5
74181 (-)	2	44.1	<5
74182 (-)	3	33.3	<5
74183 (-)	2	70.1	<5
74184 (-)	4	36.1	<5
74185 (-)	2	30.7	<5
74186 (-)	2	32.4	<5
74187 (-)	2	38.5	<5
74188 (-)	2	37.2	<5
74189 (-)	3	55.2	<5
74190 (-)	3	61.1	<5
74191 (-)	3	67.9	<5
74192 (-)	3	55.9	<5

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Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	Y	Zn	Zr
Unit:	ppm	ppm	ppm
Sample Description RDL:	1	0.5	5
74193 (-)	3	41.4	<5
74194 (-)	3	75.2	<5
74195 (-)	2	28.7	<5
74196 (-)	3	37.2	<5
74197 (-)	3	36.4	<5
74198 (-)	3	39.7	<5
74199 (-)	3	36.2	<5
74200 (-)	3	44.9	<5
74201 (-)	3	43.8	<5
74202 (-)	2	41.6	<5
74203 (-)	3	44.8	<5

Comments: RDL - Reported Detection Limit

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AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

CLIENT NAME: HUGHES EXPLORATION GROUP

ATTENTION TO: Bill Mann, Alan Campbell

Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.002
74001 (-)	0.136	0.007
74002 (-)	0.216	0.007
74003 (-)	0.260	0.006
74004 (-)	0.218	0.006
74005 (-)	0.262	0.006
74006 (-)	0.222	0.012
74007 (-)	0.242	0.005
74008 (-)	0.242	0.006
74009 (-)	0.300	0.008
74010 (-)	0.344	0.086
74011 (-)	0.292	0.006
74012 (-)	0.348	0.006
74013 (-)	0.324	0.014
74014 (-)	0.288	0.007
74015 (-)	0.250	0.005
74016 (-)	0.346	0.005
74017 (-)	0.328	0.005
74018 (-)	0.278	0.005
74019 (-)	0.280	0.005
74020 (-)	0.306	0.006
74021 (-)	0.278	0.005
74022 (-)	0.288	0.005
74023 (-)	0.298	0.025
74024 (-)	0.374	0.016
74025 (-)	0.352	0.011
74026 (-)	0.282	0.010
74027 (-)	0.306	0.018
74028 (-)	0.278	0.030
74029 (-)	0.282	0.010
74030 (-)	0.290	0.007
74031 (-)	0.308	0.007
74032 (-)	0.320	0.006

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PROJECT NO: ET

CLIENT NAME: HUGHES EXPLORATION GROUP

ATTENTION TO: Bill Mann, Alan Campbell

Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.002
74033 (-)	0.396	0.007
74034 (-)	0.236	0.006
74035 (-)	0.320	0.015
74036 (-)	0.326	0.006
74037 (-)	0.356	0.124
74038 (-)	0.280	0.005
74039 (-)	0.348	0.005
74040 (-)	0.312	0.072
74041 (-)	0.334	0.006
74042 (-)	0.278	0.005
74043 (-)	0.318	0.005
74044 (-)	0.218	0.020
74045 (-)	0.264	0.008
74046 (-)	0.266	0.005
74047 (-)	0.262	0.005
74048 (-)	0.290	0.005
74049 (-)	0.282	0.013
74050 (-)	0.286	0.005
74051 (-)	0.386	0.005
74052 (-)	0.340	0.005
74053 (-)	0.394	0.005
74054 (-)	0.376	0.004
74055 (-)	0.446	0.005
74056 (-)	0.372	0.004
74057 (-)	0.376	0.005
74058 (-)	0.416	0.006
74059 (-)	0.416	0.024
74060 (-)	0.464	0.007
74061 (-)	0.478	0.005
74062 (-)	0.420	0.004
74063 (-)	0.354	0.009
74064 (-)	0.388	0.005

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PROJECT NO: ET

CLIENT NAME: HUGHES EXPLORATION GROUP

ATTENTION TO: Bill Mann, Alan Campbell

Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.002
74065 (-)	0.462	0.009
74066 (-)	0.364	0.007
74067 (-)	0.384	0.005
74068 (-)	0.358	0.005
74069 (-)	0.328	0.005
74070 (-)	0.412	0.004
74071 (-)	0.404	0.004
74072 (-)	0.394	0.004
74073 (-)	0.324	0.009
74074 (-)	0.406	0.006
74075 (-)	0.388	0.004
74076 (-)	0.364	0.006
74077 (-)	0.396	0.004
74078 (-)	0.400	0.005
74079 (-)	0.382	0.004
74080 (-)	0.382	0.005
74081 (-)	0.408	0.005
74082 (-)	0.360	0.012
74083 (-)	0.416	0.006
74084 (-)	0.412	0.007
74085 (-)	0.418	0.003
74086 (-)	0.340	0.007
74087 (-)	0.454	0.007
74088 (-)	0.356	0.005
74089 (-)	0.416	0.006
74090 (-)	0.364	0.031
74091 (-)	0.400	0.004
74092 (-)	0.426	0.004
74093 (-)	0.426	0.005
74094 (-)	0.370	0.005
74095 (-)	0.340	0.004
74096 (-)	0.378	0.004

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CLIENT NAME: HUGHES EXPLORATION GROUP

ATTENTION TO: Bill Mann, Alan Campbell

Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.002
74097 (-)	0.344	0.006
74098 (-)	0.390	0.005
74099 (-)	0.340	0.006
74100 (-)	0.406	0.014
74101 (-)	0.412	0.007
74102 (-)	0.204	0.007
74103 (-)	0.268	0.005
74104 (-)	0.246	0.011
74105 (-)	0.236	0.005
74106 (-)	0.250	0.004
74107 (-)	0.236	0.007
74108 (-)	0.246	0.006
74109 (-)	0.256	0.160
74110 (-)	0.258	0.012
74111 (-)	0.310	0.004
74112 (-)	0.294	0.005
74113 (-)	0.234	0.011
74114 (-)	0.284	0.004
74115 (-)	0.206	0.006
74116 (-)	0.290	0.005
74117 (-)	0.240	0.005
74118 (-)	0.172	0.005
74119 (-)	0.276	0.011
74120 (-)	0.316	0.004
74121 (-)	0.330	0.005
74122 (-)	0.194	0.005
74123 (-)	0.214	0.007
74124 (-)	0.268	0.004
74125 (-)	0.318	0.005
74126 (-)	0.230	0.004
74127 (-)	0.076	0.009
74128 (-)	0.286	0.007

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AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

CLIENT NAME: HUGHES EXPLORATION GROUP

ATTENTION TO: Bill Mann, Alan Campbell

Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.002
74129 (-)	0.238	0.005
74130 (-)	0.342	0.004
74131 (-)	0.234	0.004
74132 (-)	0.316	0.046
74133 (-)	0.176	0.005
74134 (-)	0.224	0.004
74135 (-)	0.218	0.005
74136 (-)	0.158	0.005
74137 (-)	0.208	0.006
74138 (-)	0.256	0.004
74139 (-)	0.278	0.004
74140 (-)	0.256	0.004
74141 (-)	0.246	0.004
74142 (-)	0.186	0.010
74143 (-)	0.322	0.004
74144 (-)	0.262	0.003
74145 (-)	0.254	0.005
74146 (-)	0.206	0.004
74147 (-)	0.272	0.005
74148 (-)	0.314	0.010
74149 (-)	0.284	0.020
74150 (-)	0.198	0.004
74151 (-)	0.298	0.013
74152 (-)	0.180	0.052
74153 (-)	0.388	0.004
74154 (-)	0.360	0.003
74155 (-)	0.434	0.004
74156 (-)	0.332	0.004
74157 (-)	0.408	0.009
74158 (-)	0.374	0.005
74159 (-)	0.342	0.005
74160 (-)	0.400	0.005

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PROJECT NO: ET

CLIENT NAME: HUGHES EXPLORATION GROUP

ATTENTION TO: Bill Mann, Alan Campbell

Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.002
74161 (-)	0.412	0.005
74162 (-)	0.380	0.031
74163 (-)	0.500	0.014
74164 (-)	0.314	0.004
74165 (-)	0.410	0.004
74166 (-)	0.380	0.071
74167 (-)	0.294	0.005
74168 (-)	0.414	0.004
74169 (-)	0.378	0.007
74170 (-)	0.370	0.015
74171 (-)	0.396	0.004
74172 (-)	0.336	0.013
74173 (-)	0.398	0.005
74174 (-)	0.334	0.019
74175 (-)	0.378	0.004
74176 (-)	0.380	0.003
74177 (-)	0.354	0.005
74178 (-)	0.372	0.013
74179 (-)	0.416	0.005
74180 (-)	0.370	0.005
74181 (-)	0.434	0.005
74182 (-)	0.326	0.006
74183 (-)	0.430	0.004
74184 (-)	0.340	0.006
74185 (-)	0.418	0.010
74186 (-)	0.290	0.004
74187 (-)	0.362	0.004
74188 (-)	0.364	0.003
74189 (-)	0.352	0.003
74190 (-)	0.348	0.007
74191 (-)	0.374	0.006
74192 (-)	0.418	0.004

Certified By: Ron Cardinall

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ATTENTION TO: Bill Mann, Alan Campbell

Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jun 24, 2011 | **DATE RECEIVED: Jun 24, 2011** | **DATE REPORTED: Jul 15, 2011** | **SAMPLE TYPE: Soil**

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.002
74193 (-)	0.392	0.004
74194 (-)	0.376	0.010
74195 (-)	0.308	0.004
74196 (-)	0.348	0.004
74197 (-)	0.374	0.018
74198 (-)	0.424	0.062
74199 (-)	0.394	0.006
74200 (-)	0.450	0.005
74201 (-)	0.346	0.004
74202 (-)	0.428	0.003
74203 (-)	0.400	0.005

Comments: RDL - Reported Detection Limit

Certified By: Ron Cardinall

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Quality Assurance

CLIENT NAME: HUGHES EXPLORATION GROUP

AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

ATTENTION TO: Bill Mann, Alan Campbell

Solid Analysis

RPT Date: Jul 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)											
Ag	1	2497926	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Al	1	2497926	0.50	0.50	0.0%	< 0.01				80%	120%
As	1	2497926	8	7	13.3%	< 1				80%	120%
B	1	2497926	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2497926	176	166	5.8%	< 1				80%	120%
Be	1	2497926	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Bi	1	2497926	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	2497926	0.243	0.251	3.2%	< 0.01				80%	120%
Cd	1	2497926	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	2497926	25	27	7.7%	< 1	44	35	**127%**	80%	120%
Co	1	2497926	3.3	3.3	0.0%	< 0.5				80%	120%
Cr	1	2497926	8.13	9.53	15.9%	< 0.5				80%	120%
Cu	1	2497926	11.1	11.1	0.0%	< 0.5				80%	120%
Fe	1	2497926	1.15	1.15	0.0%	0.02				80%	120%
Ga	1	2497926	< 5	< 5	0.0%	< 5	7	10	**71%**	80%	120%
Hg	1	2497926	< 1	< 1	0.0%	< 1				80%	120%
In	1	2497926	2	< 1		< 1				80%	120%
K	1	2497926	0.04	0.04	0.0%	< 0.01				80%	120%
La	1	2497926	11	12	8.7%	< 1	22	17	**127%**	80%	120%
Li	1	2497926	9	9	0.0%	< 1				80%	120%
Mg	1	2497926	0.19	0.19	0.0%	< 0.01				80%	120%
Mn	1	2497926	124	125	0.8%	< 1				80%	120%
Mo	1	2497926	0.8	1.4		< 0.5				80%	120%
Na	1	2497926	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Ni	1	2497926	11.2	12.3	9.4%	< 0.5				80%	120%
P	1	2497926	478	515	7.5%	< 10				80%	120%
Pb	1	2497926	3.72	3.91	5.0%	< 0.5				80%	120%
Rb	1	2497926	< 10	< 10	0.0%	< 10				80%	120%
S	1	2497926	0.016	0.016	0.0%	< 0.005				80%	120%
Sb	1	2497926	< 1	< 1	0.0%	< 1				80%	120%
Sc	1	2497926	1.3	1.3	0.0%	< 0.5				80%	120%
Se	1	2497926	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	2497926	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	2497926	16.0	17.8	10.7%	< 0.5				80%	120%
Ta	1	2497926	< 10	< 10	0.0%	< 10				80%	120%
Te	1	2497926	< 10	< 10	0.0%	< 10				80%	120%
Th	1	2497926	< 5	< 5	0.0%	< 5				80%	120%
Ti	1	2497926	0.03	0.03	0.0%	< 0.01	0.06	0.07	90%	80%	120%
Tl	1	2497926	< 5	< 5	0.0%	< 5				80%	120%
U	1	2497926	< 5	< 5	0.0%	< 5				80%	120%
V	1	2497926	18.7	18.7	0.0%	< 0.5				80%	120%
W	1	2497926	< 1	< 1	0.0%	< 1				80%	120%
Y	1	2497926	5	5	0.0%	< 1				80%	120%
Zn	1	2497926	34.6	35.6	2.8%	< 0.5	190	204	93%	80%	120%

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Quality Assurance

CLIENT NAME: HUGHES EXPLORATION GROUP

AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

ATTENTION TO: Bill Mann, Alan Campbell

Solid Analysis (Continued)

RPT Date: Jul 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Zr	1	2497926	< 5	< 5	0.0%	< 5				80%	120%
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)											
Ag	1	2497946	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Al	1	2497946	0.68	0.68	0.0%	< 0.01				80%	120%
As	1	2497946	6	6	0.0%	< 1				80%	120%
B	1	2497946	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2497946	178	174	2.3%	< 1				80%	120%
Be	1	2497946	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Bi	1	2497946	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	2497946	0.09	0.09	0.0%	< 0.01				80%	120%
Cd	1	2497946	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	2497946	20	20	0.0%	< 1	44	35	**125%**	80%	120%
Co	1	2497946	4.1	4.1	0.0%	< 0.5				80%	120%
Cr	1	2497946	9.4	9.3	1.1%	< 0.5				80%	120%
Cu	1	2497946	6.36	5.92	7.2%	< 0.5				80%	120%
Fe	1	2497946	1.18	1.14	3.4%	< 0.01				80%	120%
Ga	1	2497946	< 5	< 5	0.0%	< 5				80%	120%
Hg	1	2497946	< 1	< 1	0.0%	< 1				80%	120%
In	1	2497946	< 1	3		< 1				80%	120%
K	1	2497946	0.03	0.03	0.0%	< 0.01				80%	120%
La	1	2497946	8	8	0.0%	< 1	22	17	**126%**	80%	120%
Li	1	2497946	9	9	0.0%	< 1				80%	120%
Mg	1	2497946	0.16	0.16	0.0%	< 0.01				80%	120%
Mn	1	2497946	204	194	5.0%	< 1				80%	120%
Mo	1	2497946	0.89	0.83	7.0%	< 0.5				80%	120%
Na	1	2497946	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Ni	1	2497946	8.77	8.51	3.0%	< 0.5				80%	120%
P	1	2497946	521	509	2.3%	< 10				80%	120%
Pb	1	2497946	4.4	4.8	8.7%	< 0.5				80%	120%
Rb	1	2497946	< 10	< 10	0.0%	< 10				80%	120%
S	1	2497946	< 0.005	< 0.005	0.0%	< 0.005				80%	120%
Sb	1	2497946	< 1	< 1	0.0%	< 1				80%	120%
Sc	1	2497946	1.4	1.4	0.0%	< 0.5				80%	120%
Se	1	2497946	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	2497946	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	2497946	7.32	7.75	5.7%	< 0.5				80%	120%
Ta	1	2497946	< 10	< 10	0.0%	< 10				80%	120%
Te	1	2497946	< 10	< 10	0.0%	< 10				80%	120%
Th	1	2497946	< 5	< 5	0.0%	< 5				80%	120%
Ti	1	2497946	0.02	0.02	0.0%	< 0.01	0.06	0.07	88%	80%	120%
Tl	1	2497946	< 5	< 5	0.0%	< 5				80%	120%
U	1	2497946	< 5	< 5	0.0%	< 5				80%	120%
V	1	2497946	24.1	23.8	1.3%	0.6				80%	120%
W	1	2497946	< 1	< 1	0.0%	< 1				80%	120%

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Quality Assurance

CLIENT NAME: HUGHES EXPLORATION GROUP

AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

ATTENTION TO: Bill Mann, Alan Campbell

Solid Analysis (Continued)

RPT Date: Jul 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Y	1	2497946	2	2	0.0%	< 1				80%	120%
Zn	1	2497946	53.0	50.4	5.0%	< 0.5	184	204	90%	80%	120%
Zr	1	2497946	< 5	< 5	0.0%	< 5				80%	120%
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)											
Ag	1	2497968	< 0.2	< 0.2	0.0%	< 0.2	8	7	114%	80%	120%
Al	1	2497968	0.64	0.64	0.0%	< 0.01				80%	120%
As	1	2497968	7	7	0.0%	< 1				80%	120%
B	1	2497968	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2497968	244	242	0.8%	< 1				80%	120%
Be	1	2497968	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Bi	1	2497968	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	2497968	0.12	0.12	0.0%	< 0.01	0.659	0.635	104%	80%	120%
Cd	1	2497968	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	2497968	26	25	3.9%	< 1				80%	120%
Co	1	2497968	3.84	3.95	2.8%	< 0.5	5.8	5.0	117%	80%	120%
Cr	1	2497968	9.1	9.2	1.1%	< 0.5				80%	120%
Cu	1	2497968	8.43	8.49	0.7%	< 0.5	4797	4700	102%	80%	120%
Fe	1	2497968	1.22	1.23	0.8%	< 0.01	1.27	1.31	97%	80%	120%
Ga	1	2497968	< 5	< 5	0.0%	< 5				80%	120%
Hg	1	2497968	< 1	< 1	0.0%	< 1	1.1	1.3	85%	80%	120%
In	1	2497968	< 1	1		< 1				80%	120%
K	1	2497968	0.05	0.05	0.0%	< 0.01	0.22	0.18	**125%**	80%	120%
La	1	2497968	10	10	0.0%	< 1				80%	120%
Li	1	2497968	8	8	0.0%	< 1				80%	120%
Mg	1	2497968	0.18	0.18	0.0%	< 0.01	0.109	0.098	111%	80%	120%
Mn	1	2497968	167	168	0.6%	< 1				80%	120%
Mo	1	2497968	0.7	0.8	13.3%	< 0.5	315	280	112%	80%	120%
Na	1	2497968	< 0.01	< 0.01	0.0%	< 0.01	0.038	0.038	100%	80%	120%
Ni	1	2497968	13.4	13.7	2.2%	< 0.5	7	7	93%	80%	120%
P	1	2497968	528	544	3.0%	< 10				80%	120%
Pb	1	2497968	4.6	4.6	0.0%	< 0.5	38	30	**127%**	80%	120%
Rb	1	2497968	11	11	0.0%	< 10				80%	120%
S	1	2497968	< 0.005	< 0.005	0.0%	< 0.005	0.744	0.621	120%	80%	120%
Sb	1	2497968	< 1	< 1	0.0%	< 1				80%	120%
Sc	1	2497968	1.4	1.4	0.0%	< 0.5				80%	120%
Se	1	2497968	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	2497968	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	2497968	8.64	9.61	10.6%	< 0.5	278	390	**71%**	80%	120%
Ta	1	2497968	< 10	< 10	0.0%	< 10				80%	120%
Te	1	2497968	< 10	< 10	0.0%	< 10				80%	120%
Th	1	2497968	< 5	< 5	0.0%	< 5				80%	120%
Ti	1	2497968	0.02	0.02	0.0%	< 0.01				80%	120%
Tl	1	2497968	< 5	< 5	0.0%	< 5				80%	120%
U	1	2497968	< 5	< 5	0.0%	< 5				80%	120%

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Quality Assurance

CLIENT NAME: HUGHES EXPLORATION GROUP

AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

ATTENTION TO: Bill Mann, Alan Campbell

Solid Analysis (Continued)

RPT Date: Jul 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
V	1	2497968	22.2	22.4	0.9%	0.6				80%	120%
W	1	2497968	< 1	< 1	0.0%	< 1				80%	120%
Y	1	2497968	3	3	0.0%	< 1				80%	120%
Zn	1	2497968	41.9	42.5	1.4%	< 0.5				80%	120%
Zr	1	2497968	< 5	< 5	0.0%	< 5				80%	120%
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)											
Ag	1	2497986	< 0.2	< 0.2	0.0%	< 0.2	8	7	110%	80%	120%
Al	1	2497986	0.65	0.63	3.1%	< 0.01	0.442	0.359	**123%**	80%	120%
As	1	2497986	9	9	0.0%	< 1				80%	120%
B	1	2497986	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2497986	212	203	4.3%	< 1				80%	120%
Be	1	2497986	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Bi	1	2497986	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	2497986	0.08	0.08	0.0%	< 0.01	0.621	0.635	98%	80%	120%
Cd	1	2497986	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	2497986	26	26	0.0%	< 1				80%	120%
Co	1	2497986	3.84	3.93	2.3%	< 0.5	5.5	5.0	111%	80%	120%
Cr	1	2497986	9.5	10.4	9.0%	< 0.5				80%	120%
Cu	1	2497986	12.2	12.1	0.8%	< 0.5	4791	4700	102%	80%	120%
Fe	1	2497986	1.26	1.26	0.0%	< 0.01	1.19	1.31	91%	80%	120%
Ga	1	2497986	< 5	< 5	0.0%	< 5				80%	120%
Hg	1	2497986	< 1	< 1	0.0%	< 1	1	1.3	**74%**	80%	120%
In	1	2497986	2	3		< 1				80%	120%
K	1	2497986	0.049	0.043	13.0%	< 0.01	0.2	0.18	113%	80%	120%
La	1	2497986	10	10	0.0%	< 1				80%	120%
Li	1	2497986	9	8	11.8%	< 1				80%	120%
Mg	1	2497986	0.199	0.193	3.1%	< 0.01	0.101	0.098	103%	80%	120%
Mn	1	2497986	166	165	0.6%	< 1				80%	120%
Mo	1	2497986	1.3	0.6		< 0.5	308	280	110%	80%	120%
Na	1	2497986	< 0.01	< 0.01	0.0%	< 0.01	0.036	0.038	94%	80%	120%
Ni	1	2497986	14.7	14.8	0.7%	< 0.5	6	7	92%	80%	120%
P	1	2497986	401	410	2.2%	< 10				80%	120%
Pb	1	2497986	4.7	5.0	6.2%	< 0.5	37	30	**125%**	80%	120%
Rb	1	2497986	< 10	< 10	0.0%	< 10				80%	120%
S	1	2497986	< 0.005	< 0.005	0.0%	< 0.005	0.677	0.621	109%	80%	120%
Sb	1	2497986	< 1	< 1	0.0%	< 1				80%	120%
Sc	1	2497986	1.6	1.6	0.0%	< 0.5				80%	120%
Se	1	2497986	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	2497986	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	2497986	9.0	8.1	10.5%	< 0.5				80%	120%
Ta	1	2497986	< 10	< 10	0.0%	< 10				80%	120%
Te	1	2497986	< 10	< 10	0.0%	< 10				80%	120%
Th	1	2497986	< 5	< 5	0.0%	< 5				80%	120%
Ti	1	2497986	0.02	0.02	0.0%	< 0.01	0.013	0.011	118%	80%	120%
Tl	1	2497986	< 5	< 5	0.0%	< 5				80%	120%

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Quality Assurance

CLIENT NAME: HUGHES EXPLORATION GROUP

AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

ATTENTION TO: Bill Mann, Alan Campbell

Solid Analysis (Continued)

RPT Date: Jul 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
U	1	2497986	< 5	< 5	0.0%	< 5				80%	120%
V	1	2497986	22.6	22.5	0.4%	< 0.5				80%	120%
W	1	2497986	< 1	< 1	0.0%	< 1				80%	120%
Y	1	2497986	3	3	0.0%	< 1				80%	120%
Zn	1	2497986	37.6	50.0	28.3%	< 0.5				80%	120%
Zr	1	2497986	< 5	< 5	0.0%	< 5				80%	120%
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)											
Ag	1	2498010	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Al	1	2498010	0.573	0.593	3.4%	< 0.01				80%	120%
As	1	2498010	7	8	13.3%	< 1				80%	120%
B	1	2498010	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2498010	84	91	8.0%	< 1				80%	120%
Be	1	2498010	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Bi	1	2498010	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	2498010	0.08	0.08	0.0%	< 0.01				80%	120%
Cd	1	2498010	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	2498010	26	26	0.0%	< 1	43	35	**122%**	80%	120%
Co	1	2498010	3.8	3.9	2.6%	< 0.5				80%	120%
Cr	1	2498010	8.5	8.5	0.0%	< 0.5				80%	120%
Cu	1	2498010	13.2	13.5	2.2%	< 0.5				80%	120%
Fe	1	2498010	1.13	1.13	0.0%	< 0.01				80%	120%
Ga	1	2498010	< 5	< 5	0.0%	< 5				80%	120%
Hg	1	2498010	< 1	< 1	0.0%	< 1				80%	120%
In	1	2498010	< 1	< 1	0.0%	< 1				80%	120%
K	1	2498010	0.04	0.04	0.0%	< 0.01				80%	120%
La	1	2498010	10	10	0.0%	< 1	21	17	**126%**	80%	120%
Li	1	2498010	7	7	0.0%	< 1				80%	120%
Mg	1	2498010	0.18	0.18	0.0%	< 0.01				80%	120%
Mn	1	2498010	201	208	3.4%	< 1				80%	120%
Mo	1	2498010	0.6	0.9		< 0.5				80%	120%
Na	1	2498010	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Ni	1	2498010	13.4	13.6	1.5%	< 0.5				80%	120%
P	1	2498010	366	372	1.6%	< 10				80%	120%
Pb	1	2498010	4.41	4.50	2.0%	< 0.5				80%	120%
Rb	1	2498010	< 10	< 10	0.0%	< 10				80%	120%
S	1	2498010	< 0.005	< 0.005	0.0%	< 0.005				80%	120%
Sb	1	2498010	< 1	< 1	0.0%	< 1				80%	120%
Sc	1	2498010	1.63	1.73	6.0%	< 0.5				80%	120%
Se	1	2498010	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	2498010	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	2498010	7.15	7.01	2.0%	< 0.5				80%	120%
Ta	1	2498010	< 10	< 10	0.0%	< 10				80%	120%
Te	1	2498010	< 10	< 10	0.0%	< 10				80%	120%
Th	1	2498010	< 5	< 5	0.0%	< 5				80%	120%

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Quality Assurance

CLIENT NAME: HUGHES EXPLORATION GROUP

AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

ATTENTION TO: Bill Mann, Alan Campbell

Solid Analysis (Continued)

RPT Date: Jul 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Ti	1	2498010	0.02	0.02	0.0%	< 0.01	0.06	0.07	**79%**	80%	120%
Tl	1	2498010	< 5	< 5	0.0%	< 5				80%	120%
U	1	2498010	< 5	< 5	0.0%	< 5				80%	120%
V	1	2498010	18.7	20.1	7.2%	< 0.5				80%	120%
W	1	2498010	< 1	< 1	0.0%	< 1				80%	120%
Y	1	2498010	3	3	0.0%	< 1				80%	120%
Zn	1	2498010	34.0	34.1	0.3%	< 0.5	184	204	90%	80%	120%
Zr	1	2498010	< 5	< 5	0.0%	< 5				80%	120%
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)											
Ag	1	2498026	< 0.2	< 0.2	0.0%	< 0.2	8	7	119%	80%	120%
Al	1	2498026	0.652	0.658	0.9%	< 0.01	0.394	0.359	110%	80%	120%
As	1	2498026	9	8	11.8%	< 1				80%	120%
B	1	2498026	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2498026	131	129	1.5%	< 1				80%	120%
Be	1	2498026	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Bi	1	2498026	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	2498026	0.085	0.089	4.6%	< 0.01	0.695	0.635	109%	80%	120%
Cd	1	2498026	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	2498026	30	31	3.3%	< 1				80%	120%
Co	1	2498026	4.1	4.2	2.4%	< 0.5	6.1	5.0	**122%**	80%	120%
Cr	1	2498026	8.94	8.99	0.6%	< 0.5				80%	120%
Cu	1	2498026	14.7	15.5	5.3%	< 0.5	4952	4700	105%	80%	120%
Fe	1	2498026	1.17	1.24	5.8%	< 0.01	1.29	1.31	99%	80%	120%
Ga	1	2498026	< 5	< 5	0.0%	< 5				80%	120%
Hg	1	2498026	< 1	< 1	0.0%	< 1	1.3	1.3	103%	80%	120%
In	1	2498026	< 1	< 1	0.0%	< 1				80%	120%
K	1	2498026	0.037	0.032	14.5%	< 0.01	0.18	0.18	102%	80%	120%
La	1	2498026	12	12	0.0%	< 1				80%	120%
Li	1	2498026	8	8	0.0%	< 1				80%	120%
Mg	1	2498026	0.193	0.196	1.5%	< 0.01	0.11	0.098	113%	80%	120%
Mn	1	2498026	224	236	5.2%	< 1				80%	120%
Mo	1	2498026	0.74	0.64	14.5%	< 0.5	322	280	115%	80%	120%
Na	1	2498026	< 0.01	< 0.01	0.0%	< 0.01	0.034	0.038	89%	80%	120%
Ni	1	2498026	13.4	14.2	5.8%	< 0.5	7	7	106%	80%	120%
P	1	2498026	430	442	2.8%	< 10				80%	120%
Pb	1	2498026	4.92	4.98	1.2%	< 0.5				80%	120%
Rb	1	2498026	< 10	< 10	0.0%	< 10				80%	120%
S	1	2498026	< 0.005	< 0.005	0.0%	< 0.005	0.711	0.621	115%	80%	120%
Sb	1	2498026	< 1	< 1	0.0%	< 1				80%	120%
Sc	1	2498026	1.82	1.86	2.2%	< 0.5				80%	120%
Se	1	2498026	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	2498026	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	2498026	6.1	7.2	16.5%	< 0.5	276	390	**71%**	80%	120%
Ta	1	2498026	< 10	< 10	0.0%	< 10				80%	120%

Results relate only to the items tested

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Quality Assurance

CLIENT NAME: HUGHES EXPLORATION GROUP

AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

ATTENTION TO: Bill Mann, Alan Campbell

Solid Analysis (Continued)

RPT Date: Jul 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Te	1	2498026	< 10	< 10	0.0%	< 10				80%	120%
Th	1	2498026	< 5	< 5	0.0%	< 5				80%	120%
Ti	1	2498026	0.03	0.03	0.0%	< 0.01	0.012	0.011	106%	80%	120%
Tl	1	2498026	< 5	< 5	0.0%	< 5				80%	120%
U	1	2498026	< 5	< 5	0.0%	< 5				80%	120%
V	1	2498026	19.8	20.3	2.5%	< 0.5				80%	120%
W	1	2498026	< 1	< 1	0.0%	< 1				80%	120%
Y	1	2498026	4	4	0.0%	< 1				80%	120%
Zn	1	2498026	38.0	40.2	5.6%	< 0.5				80%	120%
Zr	1	2498026	< 5	< 5	0.0%	< 5				80%	120%
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)											
Ag	1	2498053	0.2	0.2	0.0%	< 0.2				80%	120%
Al	1	2498053	0.978	0.971	0.7%	< 0.01				80%	120%
As	1	2498053	73	74	1.4%	< 1				80%	120%
B	1	2498053	13	14	7.4%	< 5				80%	120%
Ba	1	2498053	1720	1610	6.6%	< 1				80%	120%
Be	1	2498053	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Bi	1	2498053	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	2498053	1.35	1.28	5.3%	< 0.01				80%	120%
Cd	1	2498053	1.19	1.12	6.1%	< 0.5				80%	120%
Ce	1	2498053	23	21	9.1%	< 1	34	35	99%	80%	120%
Co	1	2498053	22.3	22.8	2.2%	< 0.5				80%	120%
Cr	1	2498053	13.2	13.4	1.5%	< 0.5				80%	120%
Cu	1	2498053	31.0	31.0	0.0%	< 0.5				80%	120%
Fe	1	2498053	9.16	8.77	4.4%	< 0.01				80%	120%
Ga	1	2498053	< 5	< 5	0.0%	< 5				80%	120%
Hg	1	2498053	< 1	< 1	0.0%	< 1				80%	120%
In	1	2498053	< 1	< 1	0.0%	< 1				80%	120%
K	1	2498053	0.03	0.03	0.0%	< 0.01				80%	120%
La	1	2498053	6	6	0.0%	< 1	17	17	99%	80%	120%
Li	1	2498053	8	8	0.0%	< 1				80%	120%
Mg	1	2498053	0.19	0.19	0.0%	< 0.01				80%	120%
Mn	1	2498053	1670	1620	3.0%	< 1				80%	120%
Mo	1	2498053	6.0	5.8	3.4%	< 0.5				80%	120%
Na	1	2498053	0.02	0.02	0.0%	< 0.01				80%	120%
Ni	1	2498053	26.2	26.2	0.0%	< 0.5				80%	120%
P	1	2498053	1370	1410	2.9%	< 10				80%	120%
Pb	1	2498053	3.08	4.07	27.7%	< 0.5				80%	120%
Rb	1	2498053	< 10	< 10	0.0%	< 10				80%	120%
S	1	2498053	0.169	0.159	6.1%	< 0.005				80%	120%
Sb	1	2498053	< 1	< 1	0.0%	< 1				80%	120%
Sc	1	2498053	2.0	2.0	0.0%	< 0.5				80%	120%
Se	1	2498053	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	2498053	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	2498053	110	105	4.7%	< 0.5				80%	120%

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Quality Assurance

CLIENT NAME: HUGHES EXPLORATION GROUP

AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

ATTENTION TO: Bill Mann, Alan Campbell

Solid Analysis (Continued)

RPT Date: Jul 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Ta	1	2498053	< 10	< 10	0.0%	< 10				80%	120%
Te	1	2498053	< 10	< 10	0.0%	< 10				80%	120%
Th	1	2498053	5	5	0.0%	< 5				80%	120%
Ti	1	2498053	0.02	0.02	0.0%	< 0.01				80%	120%
Tl	1	2498053	< 5	< 5	0.0%	< 5				80%	120%
U	1	2498053	< 5	< 5	0.0%	< 5				80%	120%
V	1	2498053	38.0	38.4	1.0%	< 0.5				80%	120%
W	1	2498053	< 1	< 1	0.0%	< 1				80%	120%
Y	1	2498053	5	5	0.0%	< 1				80%	120%
Zn	1	2498053	33.2	35.2	5.8%	< 0.5	173	204	85%	80%	120%
Zr	1	2498053	< 5	< 5	0.0%	< 5				80%	120%
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)											
Ag	1	2498067	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Al	1	2498067	0.97	1.00	3.0%	< 0.01				80%	120%
As	1	2498067	8	9	11.8%	< 1				80%	120%
B	1	2498067	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2498067	216	223	3.2%	< 1				80%	120%
Be	1	2498067	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Bi	1	2498067	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	2498067	0.081	0.088	8.3%	< 0.01				80%	120%
Cd	1	2498067	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	2498067	21	22	4.7%	< 1				80%	120%
Co	1	2498067	3.9	5.2	28.6%	< 0.5				80%	120%
Cr	1	2498067	13.1	14.0	6.6%	< 0.5				80%	120%
Cu	1	2498067	10.1	10.3	2.0%	< 0.5				80%	120%
Fe	1	2498067	1.45	1.48	2.0%	< 0.01				80%	120%
Ga	1	2498067	< 5	< 5	0.0%	< 5				80%	120%
Hg	1	2498067	< 1	< 1	0.0%	< 1				80%	120%
In	1	2498067	2	2	0.0%	< 1				80%	120%
K	1	2498067	0.05	0.05	0.0%	< 0.01				80%	120%
La	1	2498067	9	10	10.5%	< 1				80%	120%
Li	1	2498067	10	10	0.0%	< 1				80%	120%
Mg	1	2498067	0.208	0.217	4.2%	< 0.01				80%	120%
Mn	1	2498067	153	156	1.9%	< 1				80%	120%
Mo	1	2498067	1.1	1.0	9.5%	< 0.5				80%	120%
Na	1	2498067	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Ni	1	2498067	14.5	14.7	1.4%	< 0.5				80%	120%
P	1	2498067	613	618	0.8%	< 10				80%	120%
Pb	1	2498067	6.0	6.0	0.0%	< 0.5				80%	120%
Rb	1	2498067	13	15	14.3%	< 10				80%	120%
S	1	2498067	< 0.005	< 0.005	0.0%	< 0.005				80%	120%
Sb	1	2498067	< 1	< 1	0.0%	< 1				80%	120%
Sc	1	2498067	1.6	1.7	6.1%	< 0.5				80%	120%
Se	1	2498067	< 10	< 10	0.0%	< 10				80%	120%

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Quality Assurance

CLIENT NAME: HUGHES EXPLORATION GROUP

AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

ATTENTION TO: Bill Mann, Alan Campbell

Solid Analysis (Continued)

RPT Date: Jul 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Sn	1	2498067	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	2498067	6.7	8.2	20.1%	< 0.5				80%	120%
Ta	1	2498067	< 10	< 10	0.0%	< 10				80%	120%
Te	1	2498067	< 10	< 10	0.0%	< 10				80%	120%
Th	1	2498067	< 5	< 5	0.0%	< 5				80%	120%
Ti	1	2498067	0.02	0.02	0.0%	< 0.01				80%	120%
Tl	1	2498067	< 5	< 5	0.0%	< 5				80%	120%
U	1	2498067	< 5	< 5	0.0%	< 5				80%	120%
V	1	2498067	31.7	33.8	6.4%	< 0.5				80%	120%
W	1	2498067	< 1	< 1	0.0%	< 1				80%	120%
Y	1	2498067	2	3		< 1				80%	120%
Zn	1	2498067	60.3	63.4	5.0%	< 0.5				80%	120%
Zr	1	2498067	< 5	< 5	0.0%	< 5				80%	120%
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)											
Ag	1	2498095	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Al	1	2498095	0.66	0.66	0.0%	< 0.01				80%	120%
As	1	2498095	7	8	13.3%	< 1				80%	120%
B	1	2498095	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2498095	191	195	2.1%	< 1				80%	120%
Be	1	2498095	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Bi	1	2498095	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	2498095	0.11	0.11	0.0%	< 0.01				80%	120%
Cd	1	2498095	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	2498095	23	24	4.3%	< 1				80%	120%
Co	1	2498095	3.7	3.8	2.7%	< 0.5				80%	120%
Cr	1	2498095	11.1	11.1	0.0%	< 0.5				80%	120%
Cu	1	2498095	9.0	9.0	0.0%	< 0.5				80%	120%
Fe	1	2498095	1.34	1.36	1.5%	< 0.01				80%	120%
Ga	1	2498095	< 5	< 5	0.0%	< 5				80%	120%
Hg	1	2498095	< 1	< 1	0.0%	< 1				80%	120%
In	1	2498095	< 1	< 1	0.0%	< 1				80%	120%
K	1	2498095	0.03	0.03	0.0%	< 0.01				80%	120%
La	1	2498095	10	10	0.0%	< 1				80%	120%
Li	1	2498095	9	9	0.0%	< 1				80%	120%
Mg	1	2498095	0.22	0.22	0.0%	< 0.01				80%	120%
Mn	1	2498095	127	128	0.8%	< 1				80%	120%
Mo	1	2498095	0.7	0.7	0.0%	< 0.5				80%	120%
Na	1	2498095	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Ni	1	2498095	11.7	11.7	0.0%	< 0.5				80%	120%
P	1	2498095	291	307	5.4%	< 10				80%	120%
Pb	1	2498095	4.55	4.66	2.4%	< 0.5				80%	120%
Rb	1	2498095	< 10	< 10	0.0%	< 10				80%	120%
S	1	2498095	< 0.005	< 0.005	0.0%	< 0.005				80%	120%
Sb	1	2498095	< 1	< 1	0.0%	< 1				80%	120%

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Quality Assurance

CLIENT NAME: HUGHES EXPLORATION GROUP

AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

ATTENTION TO: Bill Mann, Alan Campbell

Solid Analysis (Continued)

RPT Date: Jul 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Sc	1	2498095	1.4	1.4	0.0%	< 0.5				80%	120%
Se	1	2498095	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	2498095	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	2498095	7.74	8.14	5.0%	< 0.5				80%	120%
Ta	1	2498095	< 10	< 10	0.0%	< 10				80%	120%
Te	1	2498095	< 10	< 10	0.0%	< 10				80%	120%
Th	1	2498095	5	5	0.0%	< 5				80%	120%
Ti	1	2498095	0.024	0.025	4.1%	< 0.01				80%	120%
Tl	1	2498095	< 5	< 5	0.0%	< 5				80%	120%
U	1	2498095	< 5	< 5	0.0%	< 5				80%	120%
V	1	2498095	23.0	22.9	0.4%	< 0.5				80%	120%
W	1	2498095	< 1	< 1	0.0%	< 1				80%	120%
Y	1	2498095	3	3	0.0%	< 1				80%	120%
Zn	1	2498095	34.9	35.6	2.0%	< 0.5				80%	120%
Zr	1	2498095	< 5	< 5	0.0%	< 5				80%	120%
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)											
Ag	1	2498107	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Al	1	2498107	0.76	0.76	0.0%	< 0.01				80%	120%
As	1	2498107	6	6	0.0%	< 1				80%	120%
B	1	2498107	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2498107	134	132	1.5%	< 1				80%	120%
Be	1	2498107	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Bi	1	2498107	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	2498107	0.10	0.10	0.0%	< 0.01				80%	120%
Cd	1	2498107	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	2498107	22	20	9.5%	< 1				80%	120%
Co	1	2498107	3.60	3.69	2.5%	< 0.5				80%	120%
Cr	1	2498107	11.4	11.5	0.9%	< 0.5				80%	120%
Cu	1	2498107	7.58	7.66	1.0%	< 0.5				80%	120%
Fe	1	2498107	1.19	1.20	0.8%	< 0.01				80%	120%
Ga	1	2498107	< 5	< 5	0.0%	< 5				80%	120%
Hg	1	2498107	< 1	< 1	0.0%	< 1				80%	120%
In	1	2498107	< 1	1		< 1				80%	120%
K	1	2498107	0.03	0.03	0.0%	< 0.01				80%	120%
La	1	2498107	9	8	11.8%	< 1				80%	120%
Li	1	2498107	14	14	0.0%	< 1				80%	120%
Mg	1	2498107	0.217	0.213	1.9%	< 0.01				80%	120%
Mn	1	2498107	96	94	2.1%	< 1				80%	120%
Mo	1	2498107	0.68	0.87	24.5%	< 0.5				80%	120%
Na	1	2498107	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Ni	1	2498107	13.9	13.9	0.0%	< 0.5				80%	120%
P	1	2498107	242	257	6.0%	< 10				80%	120%
Pb	1	2498107	5.22	5.58	6.7%	< 0.5				80%	120%
Rb	1	2498107	11	10	9.5%	< 10				80%	120%
S	1	2498107	0.006	0.006	0.0%	< 0.005				80%	120%

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Quality Assurance

CLIENT NAME: HUGHES EXPLORATION GROUP

AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

ATTENTION TO: Bill Mann, Alan Campbell

Solid Analysis (Continued)

RPT Date: Jul 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Sb	1	2498107	< 1	< 1	0.0%	< 1				80%	120%
Sc	1	2498107	1.4	1.4	0.0%	< 0.5				80%	120%
Se	1	2498107	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	2498107	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	2498107	9.5	6.4		< 0.5				80%	120%
Ta	1	2498107	< 10	< 10	0.0%	< 10				80%	120%
Te	1	2498107	< 10	< 10	0.0%	< 10				80%	120%
Th	1	2498107	< 5	< 5	0.0%	< 5				80%	120%
Ti	1	2498107	0.02	0.02	0.0%	< 0.01				80%	120%
Tl	1	2498107	< 5	< 5	0.0%	< 5				80%	120%
U	1	2498107	< 5	< 5	0.0%	< 5				80%	120%
V	1	2498107	24.6	24.2	1.6%	< 0.5				80%	120%
W	1	2498107	< 1	< 1	0.0%	< 1				80%	120%
Y	1	2498107	2	2	0.0%	< 1				80%	120%
Zn	1	2498107	44.1	45.1	2.2%	< 0.5				80%	120%
Zr	1	2498107	< 5	< 5	0.0%	< 5				80%	120%
Fire Assay - Trace Au, AAS finish (202051)											
Au	1	2497949	0.016	0.013	20.7%	< 0.002	0.0819	0.0849	97%	80%	120%
Fire Assay - Trace Au, AAS finish (202051)											
Au	1	2498118	0.004	0.004	0.0%	< 0.002	0.419	0.417	101%	80%	120%
Fire Assay - Trace Au, AAS finish (202051)											
Au	1	2497973	0.0052	0.0057	9.2%	< 0.002	0.0816	0.0849	96%	80%	120%
Fire Assay - Trace Au, AAS finish (202051)											
Au	1	2498129	0.005	0.004	22.2%	< 0.002	0.421	0.417	101%	80%	120%
Fire Assay - Trace Au, AAS finish (202051)											
Au	1	2497997	0.004	0.004	0.0%	< 0.002	0.202	0.203	99%	80%	120%
Fire Assay - Trace Au, AAS finish (202051)											
Au	1	2498009	0.007	0.005		< 0.002	0.200	0.203	98%	80%	120%
Fire Assay - Trace Au, AAS finish (202051)											
Au	1	2498021	0.004	0.004	0.0%	< 0.002	0.084	0.0849	98%	80%	120%
Fire Assay - Trace Au, AAS finish (202051)											
Au	1	2498034	0.0055	0.0053	3.7%	< 0.002	0.923	0.922	100%	80%	120%
Fire Assay - Trace Au, AAS finish (202051)											
Au	1	2498046	0.004	0.008		< 0.002				80%	120%
Fire Assay - Trace Au, AAS finish (202051)											
Au	1	2498070	0.003	0.004	28.6%	< 0.002				80%	120%
Fire Assay - Trace Au, AAS finish (202051)											
Au	1	2498082	0.004	0.004	0.0%	< 0.002				80%	120%

Results relate only to the items tested

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Quality Assurance

CLIENT NAME: HUGHES EXPLORATION GROUP

AGAT WORK ORDER: 11Y504539

PROJECT NO: ET

ATTENTION TO: Bill Mann, Alan Campbell

Solid Analysis (Continued)

RPT Date: Jul 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Fire Assay - Trace Au, AAS finish (202051)											
Au	1	2498094	0.0038	0.0046	19.0%	< 0.002				80%	120%
Fire Assay - Trace Au, AAS finish (202051)											
Au	1	2498106	0.005	0.010		< 0.002				80%	120%

Certified By: Ron Cardinall

Results relate only to the items tested

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Method Summary

CLIENT NAME: HUGHES EXPLORATION GROUP **AGAT WORK ORDER: 11Y504539**

PROJECT NO: ET **ATTENTION TO: Bill Mann, Alan Campbell**

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Sample Login Weight			BALANCE
Au	MIN-200-12019	BUGBEE, E: A Textbook of Fire Assaying	AAS

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CLIENT NAME: **HUGHES EXPLORATION GROUP**
711-675 WEST HASTINGS STREET
VANCOUVER, BC V6B1N2

ATTENTION TO: **Bill Mann**

PROJECT NO: **ET**

AGAT WORK ORDER: **11Y519597**

SOLID ANALYSIS REVIEWED BY: **Ron Cardinall, Certified Assayer - Director - Technical Services (Mining)**

DATE REPORTED: **Aug 29, 2011**

PAGES (INCLUDING COVER): **4**

Should you require any information regarding this analysis please contact your client services representative at (905) 501 9998, or at 1-800-856-6261

NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

Results relate only to the items tested

AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 11Y519597

PROJECT NO: ET

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CLIENT NAME: HUGHES EXPLORATION GROUP

ATTENTION TO: Bill Mann

Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Aug 16, 2011 | **DATE RECEIVED: Aug 16, 2011** | **DATE REPORTED: Aug 29, 2011** | **SAMPLE TYPE: Soil**

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.002
64661 (-)	0.63	0.044
64662 (-)	0.46	<0.002
64663 (-)	0.57	0.112
64664 (-)	0.58	0.045
64665 (-)	0.57	0.041
64666 (-)	0.51	0.005
64667 (-)	0.57	0.020
64668 (-)	0.53	0.006

Comments: RDL - Reported Detection Limit

Certified By: Ron Cardinall

Results relate only to the items tested

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Quality Assurance

CLIENT NAME: HUGHES EXPLORATION GROUP

AGAT WORK ORDER: 11Y519597

PROJECT NO: ET

ATTENTION TO: Bill Mann

Solid Analysis

RPT Date: Aug 29, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Fire Assay - Trace Au, AAS finish (202051)											
Au	1	2621484	0.044	0.022	66.7%	0.003	0.207	0.203	102%	80%	120%

Certified By: Ron Cardinall

Results relate only to the items tested

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Method Summary

CLIENT NAME: HUGHES EXPLORATION GROUP

AGAT WORK ORDER: 11Y519597

PROJECT NO: ET

ATTENTION TO: Bill Mann

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12019	BUGBEE, E: A Textbook of Fire Assaying	AAS

Results relate only to the items tested

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CLIENT NAME: HUGHES EXPLORATION GROUP
711-675 WEST HASTINGS STREET
VANCOUVER, BC V6B1N2

ATTENTION TO: ALAN CAMPBELL

PROJECT NO: ET

AGAT WORK ORDER: 11Y524109

SOLID ANALYSIS REVIEWED BY: Ron Cardinall, Certified Assayer - Director - Technical Services (Mining)

DATE REPORTED: Sep 20, 2011

PAGES (INCLUDING COVER): 7

Should you require any information regarding this analysis please contact your client services representative at (905) 501 9998, or at 1-800-856-6261

NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

Results relate only to the items tested

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Certificate of Analysis

AGAT WORK ORDER: 11Y524109

PROJECT NO: ET

CLIENT NAME: HUGHES EXPLORATION GROUP

ATTENTION TO: ALAN CAMPBELL

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Aug 30, 2011 | **DATE RECEIVED: Aug 30, 2011** | **DATE REPORTED: Sep 20, 2011** | **SAMPLE TYPE: Soil**

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Sample Description RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5286739 (-)	0.2	0.70	9	<5	88	<0.5	<1	0.07	<0.5	23	5.2	14.6	6.0	1.64
E5286740 (-)	<0.2	0.71	8	<5	138	<0.5	<1	0.06	<0.5	20	4.8	13.6	4.9	1.52
E5286741 (-)	<0.2	0.54	8	<5	91	<0.5	<1	0.08	<0.5	18	6.2	9.8	5.9	1.45
E5286742 (-)	0.2	0.56	10	<5	84	<0.5	<1	0.09	<0.5	20	4.4	9.9	6.0	1.49
E5286743 (-)	<0.2	0.91	9	<5	183	<0.5	<1	0.07	<0.5	19	5.7	14.5	11.2	1.73
E5286744 (-)	<0.2	0.57	9	<5	151	<0.5	<1	0.09	<0.5	28	3.6	9.9	8.3	1.35
E5286745 (-)	<0.2	0.73	11	<5	92	<0.5	<1	0.07	<0.5	19	4.3	12.5	3.2	1.88
E5286746 (-)	<0.2	0.87	11	<5	103	<0.5	<1	0.07	<0.5	19	6.2	13.4	6.2	1.79
E5286747 (-)	<0.2	0.52	6	<5	153	<0.5	<1	0.10	<0.5	19	3.3	8.2	<0.5	1.22
E5286748 (-)	0.3	0.46	8	<5	117	<0.5	<1	0.09	<0.5	23	3.7	8.2	3.7	1.21

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5286739 (-)	<5	<1	2	0.03	11	9	0.23	184	0.9	<0.01	12.3	335	6.8	<10
E5286740 (-)	<5	<1	<1	0.03	9	9	0.23	150	0.5	<0.01	12.0	289	6.5	<10
E5286741 (-)	<5	<1	<1	0.03	8	8	0.21	459	0.9	<0.01	12.7	439	5.5	<10
E5286742 (-)	<5	<1	<1	0.03	9	8	0.21	198	<0.5	<0.01	11.8	465	5.7	<10
E5286743 (-)	<5	<1	<1	0.03	9	11	0.26	172	1.2	<0.01	16.9	361	7.8	<10
E5286744 (-)	<5	<1	<1	0.02	13	7	0.21	155	<0.5	<0.01	10.9	335	5.1	<10
E5286745 (-)	<5	<1	<1	0.03	9	8	0.19	152	1.1	<0.01	9.3	404	6.9	11
E5286746 (-)	<5	<1	1	0.03	8	9	0.23	134	0.6	<0.01	13.7	337	7.4	10
E5286747 (-)	<5	<1	<1	0.03	8	6	0.16	112	0.6	<0.01	11.4	502	4.8	<10
E5286748 (-)	<5	<1	<1	0.04	9	6	0.17	128	<0.5	<0.01	13.0	388	5.0	<10

Certified By: Ron Cardinall

Results relate only to the items tested

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Certificate of Analysis

AGAT WORK ORDER: 11Y524109

PROJECT NO: ET

CLIENT NAME: HUGHES EXPLORATION GROUP

ATTENTION TO: ALAN CAMPBELL

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Aug 30, 2011 | **DATE RECEIVED: Aug 30, 2011** | **DATE REPORTED: Sep 20, 2011** | **SAMPLE TYPE: Soil**

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
E5286739 (-)	<0.005	<1	1.5	<10	<5	4.6	<10	<10	<5	0.02	<5	<5	25.0	<1
E5286740 (-)	<0.005	<1	1.8	<10	<5	4.3	<10	<10	<5	0.02	<5	<5	25.0	<1
E5286741 (-)	<0.005	<1	1.2	<10	<5	6.9	<10	<10	<5	0.02	<5	<5	21.1	<1
E5286742 (-)	<0.005	<1	1.2	<10	<5	6.0	<10	<10	<5	0.02	<5	<5	21.7	<1
E5286743 (-)	<0.005	<1	1.7	<10	<5	5.5	<10	<10	<5	0.02	<5	<5	29.3	<1
E5286744 (-)	<0.005	<1	2.5	<10	<5	6.8	<10	<10	<5	0.02	<5	<5	19.7	<1
E5286745 (-)	<0.005	<1	1.5	<10	<5	4.7	<10	<10	<5	0.03	<5	<5	31.9	<1
E5286746 (-)	<0.005	<1	1.8	<10	<5	3.8	<10	<10	<5	0.03	<5	<5	29.2	<1
E5286747 (-)	<0.005	<1	1.3	<10	<5	5.5	<10	<10	<5	0.02	<5	<5	18.0	<1
E5286748 (-)	<0.005	<1	1.5	<10	<5	5.3	<10	<10	<5	0.02	<5	<5	17.7	<1

Analyte:	Y	Zn	Zr
Unit:	ppm	ppm	ppm
Sample Description RDL:	1	0.5	5
E5286739 (-)	3	41.2	<5
E5286740 (-)	3	50.2	<5
E5286741 (-)	3	43.4	<5
E5286742 (-)	3	43.8	<5
E5286743 (-)	3	45.8	<5
E5286744 (-)	6	39.5	<5
E5286745 (-)	2	35.0	<5
E5286746 (-)	3	43.3	<5
E5286747 (-)	3	34.7	<5
E5286748 (-)	3	33.8	<5

Comments: RDL - Reported Detection Limit

Certified By: Ron Cardinall

Results relate only to the items tested

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Certificate of Analysis

AGAT WORK ORDER: 11Y524109

PROJECT NO: ET

CLIENT NAME: HUGHES EXPLORATION GROUP

ATTENTION TO: ALAN CAMPBELL

Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Aug 30, 2011 | **DATE RECEIVED: Aug 30, 2011** | **DATE REPORTED: Sep 20, 2011** | **SAMPLE TYPE: Soil**

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.002
E5286739 (-)	0.46	0.009
E5286740 (-)	0.47	0.003
E5286741 (-)	0.44	0.004
E5286742 (-)	0.48	0.004
E5286743 (-)	0.45	0.005
E5286744 (-)	0.53	0.004
E5286745 (-)	0.47	0.004
E5286746 (-)	0.50	0.005
E5286747 (-)	0.45	0.016
E5286748 (-)	0.43	<0.002

Comments: RDL - Reported Detection Limit

Certified By: Ron Cardinall

Results relate only to the items tested

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Quality Assurance

CLIENT NAME: HUGHES EXPLORATION GROUP

AGAT WORK ORDER: 11Y524109

PROJECT NO: ET

ATTENTION TO: ALAN CAMPBELL

Solid Analysis

RPT Date: Sep 20, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Fire Assay - Trace Au, AAS finish (202051)											
Au	1	2663547	0.009	0.004		0.002	0.206	0.203	101%	80%	120%
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)											
Ag	1	2663547	0.23	0.27	16.0%	< 0.2				80%	120%
Al	1	2663547	0.70	0.70	0.0%	< 0.01				80%	120%
As	1	2663547	9	8	11.8%	< 1				80%	120%
B	1	2663547	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2663547	88	89	1.1%	< 1				80%	120%
Be	1	2663547	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Bi	1	2663547	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	2663547	0.07	0.07	0.0%	< 0.01				80%	120%
Cd	1	2663547	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	2663547	23	22	4.4%	< 1				80%	120%
Co	1	2663547	5.2	5.2	0.0%	< 0.5				80%	120%
Cr	1	2663547	14.6	14.2	2.8%	< 0.5				80%	120%
Cu	1	2663547	6.0	5.6	6.9%	< 0.5	4822	4700	102%	80%	120%
Fe	1	2663547	1.64	1.64	0.0%	< 0.01				80%	120%
Ga	1	2663547	< 5	< 5	0.0%	< 5				80%	120%
Hg	1	2663547	< 1	< 1	0.0%	< 1				80%	120%
In	1	2663547	2	< 1		< 1				80%	120%
K	1	2663547	0.03	0.03	0.0%	< 0.01				80%	120%
La	1	2663547	11	10	9.5%	< 1				80%	120%
Li	1	2663547	9	9	0.0%	< 1				80%	120%
Mg	1	2663547	0.23	0.23	0.0%	< 0.01				80%	120%
Mn	1	2663547	184	180	2.2%	< 1				80%	120%
Mo	1	2663547	0.9	< 0.5		< 0.5				80%	120%
Na	1	2663547	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Ni	1	2663547	12.3	12.0	2.5%	< 0.5				80%	120%
P	1	2663547	335	337	0.6%	< 10				80%	120%
Pb	1	2663547	6.8	6.7	1.5%	< 0.5				80%	120%
Rb	1	2663547	< 10	< 10	0.0%	< 10				80%	120%
S	1	2663547	< 0.005	< 0.005	0.0%	< 0.005				80%	120%
Sb	1	2663547	< 1	< 1	0.0%	< 1				80%	120%
Sc	1	2663547	1.46	1.42	2.8%	< 0.5				80%	120%
Se	1	2663547	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	2663547	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	2663547	4.64	5.54	17.7%	< 0.5	355	390	91%	80%	120%
Ta	1	2663547	< 10	< 10	0.0%	< 10				80%	120%
Te	1	2663547	< 10	< 10	0.0%	< 10				80%	120%
Th	1	2663547	< 5	< 5	0.0%	< 5				80%	120%
Ti	1	2663547	0.02	0.02	0.0%	< 0.01				80%	120%
Tl	1	2663547	< 5	< 5	0.0%	< 5				80%	120%
U	1	2663547	< 5	< 5	0.0%	< 5				80%	120%
V	1	2663547	25.0	24.6	1.6%	< 0.5				80%	120%

Results relate only to the items tested

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Quality Assurance

CLIENT NAME: HUGHES EXPLORATION GROUP

AGAT WORK ORDER: 11Y524109

PROJECT NO: ET

ATTENTION TO: ALAN CAMPBELL

Solid Analysis (Continued)

RPT Date: Sep 20, 2011		REPLICATE					REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Method Blank	Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
W	1	2663547	< 1	< 1	0.0%	< 1				80%	120%
Y	1	2663547	3	3	0.0%	< 1				80%	120%
Zn	1	2663547	41.2	40.7	1.2%	< 0.5				80%	120%
Zr	1	2663547	< 5	< 5	0.0%	< 5				80%	120%

Certified By: Ron Cardinall

Results relate only to the items tested

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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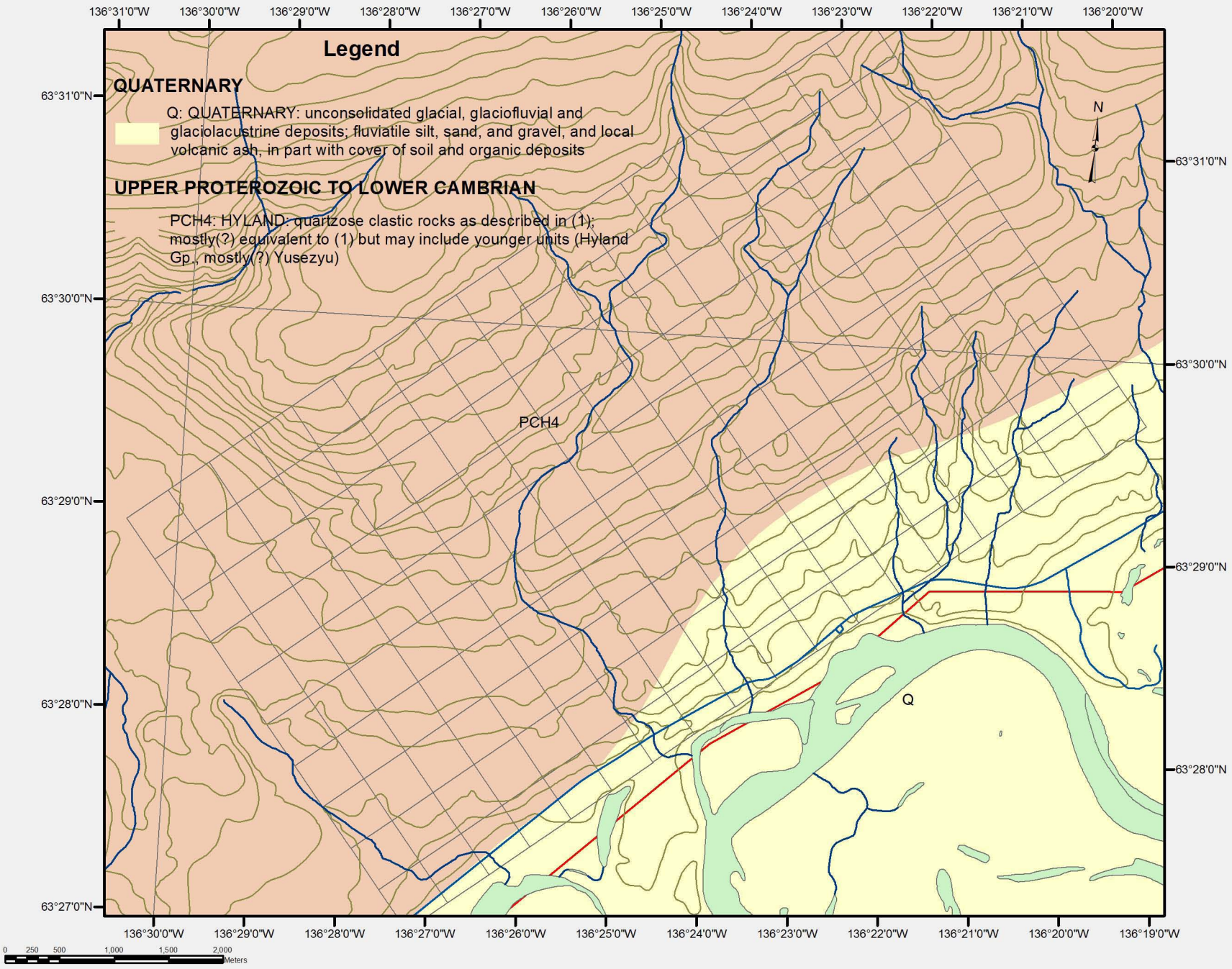
Method Summary

CLIENT NAME: HUGHES EXPLORATION GROUP **AGAT WORK ORDER: 11Y524109**

PROJECT NO: ET **ATTENTION TO: ALAN CAMPBELL**

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12019	BUGBEE, E: A Textbook of Fire Assaying	AAS

Results relate only to the items tested



ET Project

ET Project	
Geology Map	
Nad 83, Yukon Albers Projection	

425000 426000 427000 428000 429000 430000 431000 432000 433000

-136°30'00" -136°27'30" -136°25'00" -136°22'30"

63°31' 63°30' 63°29' 63°28' 63°27'

7043000 7042000 7041000 7040000 7039000 7038000 7037000

McGuinty Creek

Stewart River

Rusty Creek

ET Camp

ET ROAD

Cabins

ATV trail

Silver Trail
Highway 11

Duplicate Sample Analysis
see report for details

Au ppb
Zinccorp Resources Inc. soil samples 2011

- > 50
- 20 - 50
- 10 - 20
- < 10

Au ppb
JP Ross soil samples from AR 094770

- > 50
- 20 - 50
- 10 - 20
- < 10

Au ppb
JP Ross silt samples, 1998, 2004

- > 50
- 20 - 50
- 10 - 20
- < 10

Au ppb
Noranda silt samples, 1990, 1992

- > 50
- 20 - 50
- 10 - 20
- < 10

Scale 1:20000

250 0 250 500 750 1000 1250 1500

(metres)

NAD83 / UTM zone 8N

095740

Zinccorp Resources Inc.

ET Project - 2011
Soil and Silt Sample Geochemistry - Au ppb

NTS: 115P07, 08, 09, 10
February 13, 2012

map by Stewart Basin Exploration

Assay Correlations

Zinccorp Resources Inc.

Project: ET
Scientist: Bill Mann
Project date: 2012/02/09
Report date: 2012/02/09

	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Ag		-0.00	0.25	-0.03	0.49	0.12	0.00	0.00	0.22	0.53	-0.08	0.31	0.01	0.13	0.28	0.00	0.00	-0.08	-0.10	-0.18	-0.04	-0.04	0.16	0.01	0.53	0.07	-0.02	-0.08	-0.09	0.16	-0.02	-0.02	0.00	0.00	0.22	0.00	0.00	-0.05	-0.14	0.00	0.00	0.01	0.00	-0.01	-0.10	0.00
Al	-0.00		0.42	-0.02	0.04	0.42	0.00	0.00	-0.24	0.10	0.18	0.54	**0.89**	0.40	0.56	0.00	0.00	0.09	0.45	0.19	0.58	0.70	0.24	0.30	0.10	0.51	0.27	**0.83**	0.70	-0.12	-0.09	0.78	0.00	0.00	-0.13	0.00	0.00	0.19	0.41	0.00	0.00	**0.92**	0.00	-0.13	0.63	0.00
As	0.25	0.42		0.02	0.55	0.22	0.00	0.00	0.10	0.52	0.20	0.59	0.39	0.63	0.82	0.00	0.00	-0.15	0.08	0.05	0.03	0.36	0.38	0.50	0.52	0.61	0.18	0.22	0.10	0.09	0.03	0.46	0.00	0.00	0.16	0.00	0.00	0.26	0.17	0.00	0.00	0.44	0.00	0.21	0.10	0.00
Au	-0.03	-0.02	0.02		0.02	0.10	0.00	0.00	0.06	0.03	0.19	-0.02	-0.05	0.03	0.06	0.00	0.00	0.03	0.02	0.20	-0.01	-0.01	-0.06	0.01	0.03	0.03	0.19	-0.01	0.05	0.03	-0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00	-0.01	0.00	0.13	0.00	0.00
B	0.49	0.04	0.55	0.02		0.40	0.00	0.00	0.42	**0.92**	-0.02	0.41	0.01	0.26	0.69	0.00	0.00	-0.07	-0.09	-0.22	-0.11	-0.07	0.36	0.37	**0.92**	0.16	0.18	-0.31	-0.08	0.41	-0.02	0.06	0.00	0.00	0.45	0.00	0.00	0.03	-0.07	0.00	0.00	0.11	0.00	0.18	-0.08	0.00
Ba	0.12	0.42	0.22	0.10	0.40		0.00	0.00	0.40	0.41	0.10	0.39	0.42	0.07	0.51	0.00	0.00	0.17	0.27	0.04	0.29	0.23	0.44	0.18	0.41	0.10	0.41	0.21	0.41	0.34	0.10	0.29	0.00	0.00	0.43	0.00	0.00	0.06	0.07	0.00	0.00	0.53	0.00	0.05	0.35	0.00
Be	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bi	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ca	0.22	-0.24	0.10	0.06	0.42	0.40	0.00	0.00		0.42	0.22	0.16	-0.04	0.04	0.16	0.00	0.00	-0.02	0.00	0.17	0.17	0.10	0.35	0.08	0.42	-0.02	0.16	-0.28	-0.19	**0.84**	0.39	-0.16	0.00	0.00	**0.95**	0.00	0.00	-0.10	-0.09	0.00	0.00	-0.19	0.00	0.58	-0.25	0.00
Cd	0.53	0.10	0.52	0.03	**0.92**	0.41	0.00	0.00	0.42		-0.00	0.40	0.08	0.27	0.58	0.00	0.00	-0.05	-0.07	-0.21	-0.06	-0.03	0.33	0.31	**1.00**	0.20	0.21	-0.17	-0.06	0.37	-0.01	0.12	0.00	0.00	0.45	0.00	0.00	-0.03	-0.01	0.00	0.00	0.16	0.00	0.16	-0.07	0.00
Ce	-0.08	0.18	0.20	0.19	-0.02	0.10	0.00	0.00	0.22	-0.00		0.21	0.29	0.40	0.12	0.00	0.00	0.13	0.53	**0.93**	0.14	0.39	0.16	0.13	-0.00	0.38	0.12	0.22	0.17	0.10	0.04	0.45	0.00	0.00	0.23	0.00	0.00	0.19	0.65	0.00	0.00	0.15	0.00	0.59	0.05	0.00
Co	0.31	0.54	0.59	-0.02	0.41	0.39	0.00	0.00	0.16	0.40	0.21		0.52	0.53	0.69	0.00	0.00	-0.08	0.27	0.09	0.19	0.44	0.67	0.45	0.40	0.62	0.21	0.41	0.30	0.12	0.03	0.56	0.00	0.00	0.21	0.00	0.00	0.27	0.17	0.00	0.00	0.47	0.00	0.21	0.29	0.00
Cr	0.01	**0.89**	0.39	-0.05	0.01	0.42	0.00	0.00	-0.04	0.08	0.29	0.52		0.41	0.52	0.00	0.00	0.03	0.44	0.32	0.62	**0.86**	0.25	0.30	0.08	0.47	0.09	0.80	0.61	0.06	0.00	0.76	0.00	0.00	0.02	0.00	0.00	0.29	0.46	0.00	0.00	**0.86**	0.00	0.02	0.53	0.00
Cu	0.13	0.40	0.63	0.03	0.26	0.07	0.00	0.00	0.04	0.27	0.40	0.53	0.41		0.47	0.00	0.00	-0.10	0.24	0.29	0.06	0.50	0.33	0.27	0.27	0.83	0.18	0.38	0.09	0.06	0.14	0.68	0.00	0.00	0.11	0.00	0.00	0.27	0.24	0.00	0.00	0.24	0.00	0.48	0.13	0.00
Fe	0.28	0.56	0.82	0.06	0.69	0.51	0.00	0.00	0.16	0.58	0.12	0.69	0.52	0.47		0.00	0.00	-0.09	0.19	-0.01	0.20	0.40	0.45	0.55	0.58	0.49	0.28	0.25	0.34	0.20	-0.03	0.49	0.00	0.00	0.21	0.00	0.00	0.28	0.12	0.00	0.00	0.61	0.00	0.09	0.31	0.00
Ga	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
In	-0.08	0.09	-0.15	0.03	-0.07	0.17	0.00	0.00	-0.02	-0.05	0.13	-0.08	0.03	-0.10	-0.09	0.00	0.00		0.22	0.14	0.11	-0.01	-0.09	-0.01	-0.05	-0.07	0.15	0.03	0.18	-0.03	-0.09	0.05	0.00	0.00	0.03	0.00	0.00	-0.15	0.11	0.00	0.00	0.09	0.00	-0.03	0.05	0.00
K	-0.10	0.45	0.08	0.02	-0.09	0.27	0.00	0.00	0.00	-0.07	0.53	0.27	0.44	0.24	0.19	0.00	0.00	0.22		0.53	0.32	0.45	0.15	0.10	-0.07	0.37	0.32	0.46	0.51	-0.14	-0.12	0.48	0.00	0.00	0.09	0.00	0.00	0.06	0.46	0.00	0.00	0.43	0.00	0.16	0.39	0.00
La	-0.18	0.19	0.05	0.20	-0.22	0.04	0.00	0.00	0.17	-0.21	**0.93**	0.09	0.32	0.29	-0.01	0.00	0.00	0.14	0.53		0.21	0.43	0.04	0.05	-0.21	0.28	0.07	0.27	0.23	0.09	0.04	0.40	0.00	0.00	0.18	0.00	0.00	0.16	0.64	0.00	0.00	0.16	0.00	0.55	0.08	0.00
Li	-0.04	0.58	0.03	-0.01	-0.11	0.29	0.00	0.00	0.17	-0.06	0.14	0.19	0.62	0.06	0.20	0.00	0.00	0.11	0.32	0.21		0.59	0.09	0.17	-0.06	0.08	0.11	0.51	0.50	0.30	0.14	0.31	0.00	0.00	0.23	0.00	0.00	-0.11	0.20	0.00	0.00	0.56	0.00	-0.02	0.41	0.00
Mg	-0.04	0.70	0.36	-0.01	-0.07	0.23	0.00	0.00	0.10	-0.03	0.39	0.44	**0.86**	0.50	0.40	0.00	0.00	-0.01	0.45	0.43	0.59		0.17	0.29	-0.03	0.55	-0.02	0.69	0.45	0.16	0.10	0.68	0.00	0.00	0.17	0.00	0.00	0.29	0.45	0.00	0.00	0.60	0.00	0.25	0.34	0.00
Mn	0.16	0.24	0.38	-0.06	0.36	0.44	0.00	0.00	0.35	0.33	0.16	0.67	0.25	0.33	0.45	0.00	0.00	-0.09	0.15	0.04	0.09	0.17		0.36	0.33	0.33	0.25	0.15	0.13	0.26	0.18	0.29	0.00	0.00	0.40	0.00	0.00	0.07	0.05	0.00	0.00	0.26	0.00	0.21	0.22	0.00
Mo	0.01	0.30	0.50	0.01	0.37	0.18	0.00	0.00	0.08	0.31	0.13	0.45	0.30	0.27	0.55	0.00	0.00	-0.01	0.10	0.05	0.17	0.29	0.36		0.31	0.28	0.01	0.10	0.18	0.14	-0.05	0.28	0.00	0.00	0.15	0.00	0.00	0.12	0.16	0.00	0.00	0.35	0.00	0.11	0.14	0.00
Na	0.53	0.10	0.52	0.03	**0.92**	0.41	0.00	0.00	0.42	**1.00**	-0.00	0.40	0.08	0.27	0.58	0.00	0.00	-0.05	-0.07	-0.21	-0.06	-0.03	0.33	0.31		0.20	0.21	-0.17	-0.06	0.37	-0.01	0.12	0.00	0.00	0.45	0.00	0.00	-0.03	-0.01	0.00	0.00	0.16	0.00	0.16	-0.07	0.00
Ni	0.07	0.51	0.61	0.03	0.16	0.10	0.00	0.00	-0.02	0.20	0.38	0.62	0.47	0.83	0.49	0.00	0.00	-0.07	0.37	0.28	0.08	0.55	0.33	0.28	0.20		0.30	0.52	0.23	-0.09	0.06	0.69	0.00	0.00	0.05	0.00	0.00	0.31	0.27	0.00	0.00	0.33	0.00	0.41	0.28	0.00
P	-0.02	0.27	0.18	0.19	0.18	0.41	0.00	0.00	0.16	0.21	0.12	0.21	0.09	0.18	0.28	0.00	0.00	0.15	0.32	0.07	0.11	-0.02	0.25	0.01	0.21	0.30		0.21	0.28	-0.02	-0.09	0.23	0.00	0.00	0.20	0.00	0.00	-0.06	-0.04	0.00	0.00	0.23	0.00	0.16	0.49	0.00
Pb	-0.08	**0.83**	0.22	-0.01	-0.31	0.21	0.00	0.00	-0.28	-0.17	0.22	0.41	0.80	0.38	0.25	0.00	0.00	0.03	0.46	0.27	0.51	0.69	0.15	0.10	-0.17	0.52	0.21		0.61	-0.23	-0.01	0.70	0.00	0.00	-0.23	0.00	0.00	0.21	0.31	0.00	0.00	0.71	0.00	-0.10	0.61	0.00
Rb	-0.09	0.70	0.10	0.05	-0.08	0.41	0.00	0.00	-0.19	-0.06	0.17	0.30	0.61	0.09	0.34	0.00	0.00	0.18	0.51	0.23	0.50	0.45	0.13	0.18	-0.06	0.23	0.28	0.61		-0.14	-0.12	0.50	0.00	0.00	-0.11	0.00	0.00	0.13	0.31	0.00	0.00	0.71	0.00	-0.18	0.62	0.00
S	0.16	-0.12	0.09	0.03	0.41	0.34	0.00	0.00	**0.84**	0.37	0.10	0.12	0.06	0.06	0.20	0.00	0.00	-0.03	-0.14	0.09	0.30	0.16	0.26	0.14	0.37	-0.09	-0.02	-0.23	-0.14		0.41	-0.15	0.00	0.00	0.82	0.00	0.00	-0.13	-0.13	0.00	0.00	-0.11	0.00	0.45	-0.25	0.00
Sb	-0.02	-0.09	0.03	-0.04	-0.02	0.10	0.00	0.00	0.39	-0.01	0.04	0.03	0.00	0.14	-0.03	0.00	0.00	-0.09	-0.12	0.04	0.14	0.10	0.18	-0.05	-0.01	0.06	-0.09	-0.01	-0.12	0.41		-0.02	0.00	0.00	0.37	0.00	0.00	-0.09	-0.10	0.00	0.00	-0.11	0.00	0.26	-0.11	0.00
Sc	-0.02	0.78	0.46	0.01	0.06	0.29	0.00	0.00	-0.16	0.12	0.45	0.56	0.76	0.68	0.49	0.00	0.00	0.05	0.48	0.40	0.31	0.68	0.29	0.28	0.12	0.69	0.23	0.70	0.50	-0.15	-0.02		0.00	0.00	-0.08	0.00	0.00	0.39	0.51	0.00	0.00	0.68	0.00	0.22	0.46	0.00
Se	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sn	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sr	0.22	-0.13	0.16	0.00	0.45	0.43	0.00	0.00	**0.95**	0.45	0.23	0.21	0.02	0.11	0.21	0.00	0.00	0.03	0.09	0.18	0.23	0.17	0.40	0.15	0.45	0.05	0.20	-0.23	-0.11	0.82	0.37	-0.08	0.00	0.00		0.00	0.00	-0.15	-0.04	0.00	0.00	-0.10	0.00	0.56	-0.20	0.00
Ta	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Te	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Th	-0.05	0.19	0.26	0.02	0.03	0.06	0.00	0.00	-0.10	-0.03	0.19	0.27	0.29	0.27	0.28	0.00	0.00	-0.15	0.06	0.16	-0.11	0.29	0.07	0.12	-0.03	0.31	-0.06	0.21	0.13	-0.13	-0.09	0.39	0.00	0.00	-0.15	0.00	0.00		0.17	0.00	0.00	0.21	0.00	0.11	0.20	0.00
Ti	-0.14	0.41	0.17	0.01	-0.07	0.07	0.00	0.00	-0.09	-0.01	0.65	0.17	0.46	0.24	0.12	0.00	0.00	0.11	0.46	0.64	0.20	0.45	0.05	0.16	-0.01	0.27	-0.04	0.31	0.31	-0.13	-0.10	0.51	0.00	0.00	-0.04	0.00	0.00	0.17		0.00	0.00	0.43	0.00	0.21	0.20	0.00
Tl	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
U	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00
V	0.01	**0.92**	0.44	-0.01	0.11	0.53	0.00	0.00	-0.19	0.16	0.15	0.47	**0.86**	0.24	0.61	0.00	0.00	0.09	0.43	0.16	0.56	0.60	0.26	0.35	0.16	0.33	0.23	0.71	0.71	-0.11	-0.11	0.68	0.00	0.00	-0.10	0.00	0.00	0.21	0.43	0.00	0.00		0.00	-0.22	0.63	0.00
W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00
Y	-0.01	-0.13	0.21	0.13	0.18	0.05	0.00	0.00	0.58	0.16	0.59	0.21	0.02	0.48	0.09	0.00	0.00	-0.03	0.16	0.55	-0.02	0.25	0.21	0.11	0.16	0.41	0.16	-0.10	-0.18	0.45	0.26	0.22	0.00	0.00	0.56	0.00	0.00	0.11	0.21	0.00	0.00	-0.22	0.00		-0.22	0.00
Zn	-0.10	0.63	0.10	0.00	-0.08	0.35	0.00	0.00	-0.25	-0.07	0.05	0.29	0.53	0.13	0.31	0.00	0.00	0.05	0.39	0.08	0.41	0.34	0.22	0.14	-0.07	0.28	0.49	0.61	0.62	-0.25	-0.11	0.46	0.00	0.00	-0.20	0.00	0.00	0.20	0.20	0.00	0.00	0.63	0.00	-0.22		0.00
Zr	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Sample Size 203

Colour Coding (significance 0.95)

- very strong
- strong
- moderate
- weak
- very weak
- null