



## **Evolving Gold Corp. National Instrument 43-101 Technical Report on the Rattlesnake Hills Project, Natrona County, Wyoming USA**



Prepared for:  
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1 February 2012



## DATE AND SIGNATURE PAGE

The effective date of this Technical Report entitled "Evolving Gold Corp. National Instrument 43-101 Technical Report on the Rattlesnake Hills Project, Natrona County, Wyoming, USA", dated February 1st, 2012.



Signature of Steven R. Koehler, B.Sc., C.P.G.  
Dated this 1<sup>st</sup> day of February, 2012.



## CERTIFICATE OF QUALIFIED PERSON

As the author of the report titled, "Evolving Gold Corp. National Instrument 43-101 Technical Report on the Rattlesnake Hills Project, Natrona County, Wyoming, USA", dated and signed February 1st, 2012, I do hereby certify that:

1. My name is Steven R. Koehler and I am the Chief Geologist of Evolving Gold Corp. at 105 South Sunset Street, Unit L, Longmont, Colorado 80501 USA
2. I graduated with a Bachelor of Science degree in Geology from the University of Wisconsin-River Falls in 1990.
3. I am a certified professional geologist (CPG) with the American Institute of Professional Geologists (AIPG), Certificate Number 10216. I have been a CPG for 14 years.
4. I am a member of the American Institute of Professional Geologists (AIPG), Geological Society of Nevada (GSN), and the Society of Economic Geologists (SEG).
5. I have practiced exploration geology continuously for 21 years.
6. I have read the definition of a "Qualified Person" (QP) set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with professional organizations (as defined in NI-43-101), and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purpose of NI-43-101.
7. I am responsible for the preparation of this report.
8. I visited the Rattlesnake Hills Project site in November of 2010.
9. As of the date of this certificate, to the best of my knowledge, information and belief, the Technical Report contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.
10. I am not independent of the parties involved in the transaction for which this report is required, as defined in Section 1.4 of National Instrument 43-101.
11. I have read National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument and form.
12. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority, and any publication by them of the Technical Report for regulatory purposes, including electronic publication in the public company files on their websites accessible by the public.



DATED this 1<sup>st</sup> day of February, 2012

A handwritten signature in black ink that reads "S.R. Koehler". The signature is written in a cursive style and is positioned above a solid horizontal line.



Signature of Steven R. Koehler, B.Sc., C.P.G.



**CONTENTS**

---

DATE AND SIGNATURE PAGE .....	II
CERTIFICATE OF QUALIFIED PERSON.....	III
1.0 SUMMARY .....	1-1
1.1 Property Description and Ownership.....	1-1
1.2 Geology and Mineralization .....	1-2
1.3 Status of Exploration .....	1-3
1.4 Mineral Resource Status .....	1-4
1.5 QP’s Conclusions and Recommendations .....	1-5
2.0 INTRODUCTION.....	2-1
2.1 Qualified Persons .....	2-1
2.2 Effective Date .....	2-1
2.3 Sources of Information .....	2-1
3.0 RELIANCE ON OTHER EXPERTS.....	3-1
3.1 Mineral Tenure .....	3-1
3.2 Surface Rights, Access, and Permitting .....	3-1
4.0 PROPERTY DESCRIPTION AND LOCATION.....	4-1
4.1 Property Location and Tenure .....	4-1
4.2 Agreements and Royalties .....	4-16
4.3 Surface Rights .....	4-18
4.4 Environmental Permitting .....	4-18
5.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY .....	5-1
6.0 HISTORY.....	6-1
7.0 GEOLOGICAL SETTING AND MINERALIZATION .....	7-1
7.1 Regional Geology .....	7-1
7.2 Local Geology.....	7-4
7.3 Property Geology.....	7-7
7.4 Structural Geology.....	7-10
7.5 Hydrothermal Alteration.....	7-11
7.5.1 Major Alteration Types.....	7-12
7.5.2 Minor Alteration Types.....	7-13
7.5.3 Discussion .....	7-14
7.6 Mineralization .....	7-15
7.6.1 Archean – Type 1 Mineralization.....	7-15
7.6.2 Antelope Basin – Type 2 Mineralization .....	7-15
7.6.3 North Stock Area – Type 3 Mineralization.....	7-16
7.6.4 North Stock Area – Type 4 Mineralization.....	7-16
7.6.5 Porphyry-style – Type 5 Mineralization .....	7-17
8.0 DEPOSIT TYPES .....	8-1



8.1	Characteristics of the Rattlesnake Mineralization .....	8-1
8.2	Deposit Model.....	8-1
9.0	EXPLORATION .....	9-1
9.1	Geological Mapping.....	9-1
9.2	Surface Rock Chip Sampling.....	9-1
9.3	Trenching.....	9-6
9.4	Geophysics.....	9-6
10.0	DRILLING .....	10-1
10.1	American Copper and Nickel Company (ACNC).....	10-1
10.2	Newmont Exploration Limited (NEL) .....	10-1
10.3	Evolving Gold Corporation (EGC) .....	10-1
	10.3.1 Drill Summary.....	10-1
	10.3.2 Surveying.....	10-2
	10.3.3 Geological Logging.....	10-31
11.0	SAMPLE PREPARATION, ANALYSES, AND SECURITY .....	11-1
11.1	Sample Preparation.....	11-1
11.2	Assaying .....	11-1
11.3	Density (Tonnage Factors).....	11-2
11.4	Sample Security .....	11-8
11.5	Sampling Methods and Approach .....	11-9
	11.5.1 ACNC and NEL .....	11-9
	11.5.2 EGC .....	11-9
12.0	DATA VERIFICATION.....	12-1
12.1	Database .....	12-1
12.2	Quality Assurance-Quality Control (QA/QC) .....	12-2
	12.2.1 Duplicate Samples.....	12-3
	12.2.2 Standard Samples .....	12-5
	12.2.3 Screen Fire Assays .....	12-8
	12.2.4 Topography .....	12-9
13.0	MINERAL PROCESSING AND METALLURGICAL TESTING .....	13-1
14.0	MINERAL RESOURCE ESTIMATES.....	14-1
15.0	ADJACENT PROPERTIES .....	15-1
16.0	OTHER RELEVANT DATA AND INFORMATION .....	16-2
17.0	INTERPRETATION AND CONCLUSIONS .....	17-1
18.0	RECOMMENDATIONS .....	18-1
19.0	REFERENCES .....	19-1



**TABLES**

---

Table 4-1: Rattlesnake Hills Claims .....	4-5
Table 4-2: Rattlesnake Property State Leases .....	4-16
Table 4-3: State of Wyoming Royalties.....	4-16
Table 7-1: Major and Minor Lithologic Units – Rattlesnake Hills Project Area, Natrona Co. Wyoming. April, 2010 .....	7-9
Table 9-1: Rock Chip Geochemistry Element Suite with Detection Limits .....	9-2
Table 9-2: Soil Survey Geochemistry Element Suite with Lower Detection Limits .....	9-3
Table 10-1: Summary of Drilling at Rattlesnake Hills.....	10-5
Table 10-2: Summary of Drill Holes at Rattlesnake Hills.....	10-6
Table 10-3: Summary Significant Intercepts (downhole thickness) .....	10-11
Table 11-1: Summary of Current Analytical Procedures (Including SGS Procedure Number) with Lower Detection Limits (LDL) and Upper Detection Limits (UDL) .....	11-3
Table 11-2: Summary of Density Data (Logging Codes are Summarized in Table 7-1).....	11-7
Table 11-3: Sample Length Summary .....	11-9
Table 12-1: Summary of Estimated Precision of Failed Results for Crusher Duplicate Samples.....	12-3
Table 12-2: Summary of Estimated Precision and Failed Results for Pulp Duplicate Samples .....	12-4
Table 12-3: EGC Standards (CRMs) in use at Rattlesnake Hills Au.....	12-6
Table 12-4: Au Bias and Failure Summary .....	12-6
Table 12-5: Laboratory Standards (CRMs) used for Rattlesnake Hills Au.....	12-7
Table 12-6: Screen Fire Assays Versus Fire Assays – AA Analyses .....	12-9
Table 18-1: Estimated Budget for 2012 .....	18-4

**FIGURES**

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Figure 4-1: Location Map of Rattlesnake Hills Project .....	4-3
Figure 4-2: Rattlesnake Hills Claims .....	4-4
Figure 7-1: Regional Geological Map.....	7-3
Figure 7-2: Local Geological Setting .....	7-6
Figure 7-3: Property Geology .....	7-8
Figure 9-1: Locations of CSAMT Geophysical Lines.....	9-8
Figure 10-1: Location Map Showing Au Grades >0.24 g/t for Drill Holes Outside of Main Mineralized Zones in Red(Hole Names are at the ends of the holes).....	10-3
Figure 10-2: Time Step Showing Drilling Conducted Inside Mineralized Zones (Red) .....	10-4
Figure 18-1: Proposed Drill Hole Locations.....	18-3



## **1.0 SUMMARY**

A Technical Report on the Rattlesnake Hills Gold Project (the Project), located near Casper, Wyoming, USA has been prepared for Evolving Gold Corporation (EGC). This report has been prepared as a summary release of exploration activity and includes a summary of exploration data to 1 November 2011. This report has been prepared to support technical information that is contained in an Annual Information Form, as required by NI 43-101, Section 4.2, (1), (f).

Thus far, EGC has identified two areas (deposits) containing significant Au mineralization, North Stock and Antelope Basin. Both deposits require additional drilling to adequately define the geological controls on mineralization and test the limits of the deposits.

Mr. Steve Koehler is a Certified Professional Geologist according to the American Institute of Professional Geologists, is Chief Geologist with Evolving Gold Corporation, and is the Qualified Person responsible for all technical information presented in this report.

The effective date of this report is 1 February 2012.

### **1.1 Property Description and Ownership**

The Rattlesnake Project lies in Natrona County, Wyoming in Section 6, T31N, R87W; Sections 1, 2, 3, and 4, T31N, R88W; Sections 7, 8, 9, 10, 11, 14, 15, 16, 17, 18, 19, 20, 22, 23, 29, 30, and 31, T32N, R87W; and Sections 1, 2, 3, 10, 11, 12, 13, 14, 15, 19, 20, 22, 23, 24, 25, 26, 27, 28, 29, 30, 33, 34, 35, and 36, T32N, R88W. It is located approximately 47 miles west-southwest of Casper and is easily accessible from WY State Highway 220. Access to the property is made by turning north onto Natrona County Road 323, also known as the Dry Creek Road, approximately 48 miles west of Casper at UTM 328400 – 4712440 (NAD27 CONUS). After approximately 16 miles, the property is reached via a turn-off in Section 36, T32N, R88W.

The Rattlesnake Hills Project is 100% owned by EGC. The Project consists of 30 unpatented lode mining claims that were staked between 1985 and 1987, 97 unpatented lode mining claims that were staked in 2006, 515 unpatented lode claims that were staked in 2008 and 2009, and approximately 515 hectares of Wyoming State lease lands. EGC signed a Joint Venture Agreement with Agnico-Eagle Mines (AE), LTD in 2011.



Golden Predator Mines (US) Inc. retains a 0.5% net smelter royalty (NSR) on any future production from the Project.

David Miller (Miller), agent and legal representative of the 30 original claim owners, has an approximately 4% production royalty on the net smelter returns for all gold and silver "products". Processing costs are deductible before the royalty is calculated so the gross royalty equivalent will be less than 4% by an amount dependent on the ratio between recovered grade and processing cost/ton. Surface rights in areas covered by unpatented lode mining claims at Rattlesnake are vested with the Bureau of Land Management (BLM). Surface rights on Wyoming State lease lands are vested with the State of Wyoming. Environmental permits are applied for and obtained from both the BLM and State of Wyoming.

The Rattlesnake Hills Project is currently 100% owned by EGC. Subject to the terms of a 2011 joint venture agreement, Agnico-Eagle Mines Ltd. may earn up to a 70% interest in the Rattlesnake Hills Project.

## 1.2 Geology and Mineralization

The Rattlesnake Hills Project is located within the Rattlesnake Hills Alkalic Intrusive (RAI) Complex, one of many alkalic centers occurring along the eastern margin of the Rocky Mountains from New Mexico to Canada. Alkalic settings are host to many, multi-million-ounce gold deposits, including Cripple Creek (Colorado), Bald Mountain (South Dakota), and Golden Sunlight (Montana). The Rattlesnake Hills of central Wyoming lie along the north-eastern edge of the Granite Mountains. The Granite Mountains consist primarily of Archean rocks. During the Eocene, Archean rocks in the Rattlesnake Hills were intruded by the RAI complex that hosts the most important mineralization in the area. Approximately 50 mid-Tertiary alkalic and felsic stocks, domes, and dikes, as well as coeval pyroclastic, volcanoclastic, flow, and diatreme breccia facies rocks scattered over a roughly 10 by 15 mile area comprise the complex.

Four volumetrically major and eight minor alteration types are recognized in drill core from the Rattlesnake Hills project. Major alteration types in relative order of abundance include carbonate, potassic (adularia), clay, and Fe/Mn oxide-hydroxide (FEOH) alterations. Subordinate alteration styles include silica, bleaching, actinolite-riebeckite-magnetite, roscoelite, anhydrite, talc, epidote/hematite, garnet-pyroxene, and potassic (biotite).

Two deposits have thus far been identified – North Stock and Antelope Basin. North Stock is about 400 m by 200 m wide, trends north-northeast, and is open at depth and along strike. Mineralization has been followed to as much as 500 m below the surface.



Mineralization at Antelope Basin has been identified in an area of 200 m by 350 m to a depth of 200 m, trends northeast, and is open along strike.

Rattlesnake Hills gold mineralization styles include:

- Archean massive sulphide/exhalative horizons predominantly south and west of South Stock;
- Quartz monzodiorite-hosted veinlet mineralization at the Antelope Basin area;
- Adularia + sulfide veinlet mineralization at the North Stock area;
- Late, higher-grade, carbonate-associated vein/breccia cement mineralization at the North Stock area and
- Disseminated and stockwork sulfide mineralization associated with alkalic porphyry dikes and other intrusions south and east of North Stock.

Late carbonate-associated gold mineralization at North Stock is by far the most important style of gold mineralization. Adularia+sulfide mineralization is locally important at North Stock. Quartz monzodiorite-hosted mineralization dominates Antelope Basin mineralization. Archean massive sulphide mineralization occurs predominantly outside the area of interest but is an exploration target. Porphyry style disseminated and stockwork sulphide mineralization has been identified outboard and between North Stock and Antelope Basin and is a target for additional exploration. This suggests the presence of a porphyry target below the North Stock – Antelope Basin areas.

### **1.3 Status of Exploration**

Exploration of the area probably began in the early 1900s when a number of shallow trenches and shafts were excavated.

In the 1970s, American Copper and Nickel Company (ACNC) explored the area for gold associated with Archean iron formations. In the early 1980s ACNC returned and was apparently the first company to conduct a widespread exploration effort on the property. Geologic mapping, surface geochemistry, and geophysical surveys were completed in 1983 and 1984. ACNC continued exploration through 1987 by completing more geologic mapping, as well as some surface geochemical sampling and geophysical surveys. This was accompanied by test drill programs in 1985, 1986,



and 1987, and a total of 9,815 feet in 32 reverse circulation (RC) drill holes were completed.

Canyon Resources (CR) acquired the property in 1992 and performed additional geologic mapping and surface rock chip sampling; the results of this work are currently unavailable.

Between 1993 and 1995, Newmont Exploration Limited (NEL) completed extensive geologic mapping, soil, road cut, and trench geochemical sampling, as well as some geophysical surveying and drilling of 13 RC and two core drill holes.

In 2003 Bald Mountain Mining Co. (BMMC) leased 30 unpatented lode-mining claims from David Miller and Dick Fruchey of Riverton, Wyoming and all available geologic, geochemical, geophysical, and drill data gathered by ACNC and NEL were entered into database files.

EGC acquired the property in 2008 and has been actively exploring since that time.

Modern exploration in the Rattlesnake Hills includes geological mapping, surface rock sampling, geophysical surveys, and RC and core drilling by a number of operators.

ACNC and NEL drilled RC and core holes in the area. Those data are available to EGC, but EGC has not been able to verify the data. Use of this data has been limited to exploration planning.

EGC has drilled 156 core holes (62,398.67 m) in the area. Drilling procedures are consistent with industry best practices. EGC-AE JV has drilled 24 core holes (7,956.38 m) in the area.

Geological logging of all core is performed by EGC-AE JV personnel and consists of descriptions of lithology, mineralogy, structure, and alteration.

Collar and downhole surveys have been performed to industry standards for all EGC and EGC-AE drill holes.

#### **1.4 Mineral Resource Status**

Mineral resources for the Rattlesnake Hills Project have not been estimated at this time.



## 1.5 QP's Conclusions and Recommendations

The North Stock and Antelope Basin deposits have not been adequately defined along strike and at depth. There is potential for additional mineralization in both deposits. A number of newly identified exploration targets warrant exploration by drilling.

The genetic model is consistent with the data obtained to date. The model has been used to explain the origin of a number of similar deposits and provides a suitable framework for continued exploration.

Drilling on the Rattlesnake Hills Project has intersected significant intercepts of mineralization with grades in the range that commonly occurs in similar deposits, which supports the need for additional exploration. The deposit remains untested in many areas with the possibility of discovery of additional mineralization through exploration.

Drilling and geological logging procedures are consistent with industry standards and best practices.

Sample preparation and assaying are performed using procedures common to the industry.

Security of samples is a priority of EGC and is believed by the QP to be satisfactory.

Pulp duplicate data from SGS and AAL indicate that analytical precision is generally satisfactory. It may be possible to improve the Au precision by defining a custom sample preparation protocol. This would require a sampling study based on duplicate data collected at the various steps in the sample preparation process. It is unlikely that a significant improvement in gold precision can be achieved, but it may eventually be worthwhile to perform the study.

The insertion rate for standard samples and the grade range covered by those samples are adequate for the Rattlesnake Hills mineralization. Accuracy is believed to be acceptable.

Preliminary metallurgical testing indicates that the gold can be extracted at Rattlesnake using conventional metallurgical techniques.

Future work on the Rattlesnake Hills Project should include estimation of an initial gold resource, drilling, continued rock chip and soil sampling, and geophysics. Total expenditure for 2012 should be at least \$5 million.



Current drilling at both North Stock and Antelope Basin is adequate to calculate an inferred resource, costing an estimated \$100,000.

For the coming field season, a recommended budget of \$4.9 million would entail approximately 20,000m of diamond core drilling (\$3.5 million), approximately 6,000 soil samples (\$300,000), 3,000 rock chip samples (\$150,000), and additional geophysics surveys for regional/district gravity and reprocessing of existing data (\$100,000).

At the end of the 2012 field season, drill holes should adequately test and verify target zones identified by 2011 soil and rock chip sampling showing potential for a total gold resource greater than 1 million ounces. Future soil and rock chip sampling should prove or disprove existence of additional currently unknown target zones across the Rattlesnake Hills region. The decision point is to continue drilling in the 2013 drill season and to initiate work toward mine feasibility/scoping.



## **2.0 INTRODUCTION**

Mr. Steve Koehler, BSc, has prepared this Technical Report (the Technical Report) on the wholly-owned Rattlesnake Hills Gold Project (the Project), located near Casper, Wyoming, USA for Evolving Gold Corporation (EGC). This report has been prepared as a summary release of exploration activity and includes a summary of all exploration data to 1 February 2012.

This report has been prepared to support technical information that is contained in an Annual Information Form, as required by NI 43-101, Section 4.2, (1), (f).

All measurement units used in this Technical Report are metric, and currency is expressed in US dollars, unless stated otherwise.

Reports and documents listed in the Reference section of this Technical Report were used to support preparation of the Technical Report.

### **2.1 Qualified Persons**

Steven Koehler, C.P.G., Evolving Gold Corporation, is the Qualified Person (QP) responsible for the preparation this Technical Report as defined in National Instrument 43-101, Standards of Disclosure for Mineral Projects, and in compliance with Form 43-101F1. Mr. Steven Koehler personally last visited the Rattlesnake Hills Project site in November, 2010. In January of 2012, Mr Koehler personally reviewed the 2011 field program and inspected 2011 core in EGC's Longmont, Co. facility.

### **2.2 Effective Date**

The effective date of this report is 01 February 2012.

There has been no material change to the Project between the effective date of the Report, and the signature date.

### **2.3 Sources of Information**

One previous Technical Report has been issued by EGC for the Rattlesnake Hills Project:

Ray, G. E., 2008, The Geology and Gold Mineralization at the Rattlesnake Hills Property, Natrona County, Wyoming, USA; 15 February 2008, NI 43-101 Technical Report for Evolving Gold Corp., 44 pages.



### **3.0 RELIANCE ON OTHER EXPERTS**

The QP, as author of this Report, states that he is a Qualified Person for those areas as identified in the “Certificate of Qualified Person” attached to this Technical Report. The author has relied on, and believes there is a reasonable basis for this reliance, upon the following reports, which provided information regarding mineral rights and surface rights in sections of this Technical Report as noted below.

#### **3.1 Mineral Tenure**

The QP has not reviewed the mineral tenure, nor independently verified the legal status or ownership of the Project area or underlying property agreements. The QP has relied upon James King, Evolving Gold Corp’s legal counsel, for the title opinion used in Section 4.1 of the Technical Report:

King, J., 2010, Letter from James M. King to Quinton Hennigh (Evolving Gold Corp.) and Ted Eggleston (AMEC) discussing claim and lease status dated 27 July 2010.

There has been no change to land/claim status since 2010.

#### **3.2 Surface Rights, Access, and Permitting**

The QP has relied on information regarding Surface Rights and Permits, including the status of the granting of surface rights for land designated for exploration, provided by Lee “Pat” Gochnour (Gochnour & Associates, Inc.). This information is used in Section 4.3 of the Technical Report:

Lee “Pat” Gochnour, 2010, Letter from Pat Gochnour (Gochnour & Associates, Inc.) to Ted Eggleston discussing permit status at the Rattlesnake Hills Au project.



## **4.0 PROPERTY DESCRIPTION AND LOCATION**

### **4.1 Property Location and Tenure**

Under the terms of an Option Agreement exercised on 20 February 2010 between Golden Predator Mines (US) Inc. (Golden Predator), of 15900 Caswell Lane, Reno, Nevada 89511, U.S.A. and Evolving Gold Corporation (EGC) of 1980 – 1075 West Georgia Street, Vancouver, BC V6E 3C9, the Rattlesnake Project in central Wyoming (Figure 4-1) was purchased by EGC.

The Project consists of 30 unpatented lode mining claims that were staked between 1985 and 1987, 97 unpatented lode mining claims that were staked in 2006, 515 unpatented lode claims that were staked in 2008 and 2009, and approximately 515 hectares of Wyoming State lease lands. Each claim is 182.9 m (600 ft) wide by 547.2 m (1,500 ft) long and encompasses 8.4 hectares (20.7 acres). Because of overlaps on sides and ends of claims and overlapping claims, the nominal area is somewhat less than 8.4 hectares. The property is approximately 9 km wide north to south, and 17 km long from east to west, with the core area being 5 km wide north-south and 5 km long east-west. The total land position is approximately 5,225 ha.

The Rattlesnake Project lies in Natrona County, Wyoming (Figure 4-2) in Section 6, T31N, R87W; Sections 1, 2, 3, and 4, T31N, R88W; Sections 7, 8, 9, 10, 11, 14, 15, 16, 17, 18, 19, 20, 22, 23, 29, 30, and 31, T32N, R87W; and Sections 1, 2, 3, 10, 11, 12, 13, 14, 15, 19, 20, 22, 23, 24, 25, 26, 27, 28, 29, 30, 33, 34, 35, and 36, T32N, R88W.

It is located approximately 47 miles (77 km) west-southwest of Casper and is easily accessible from WY State Highway 220. Access to the property is made by turning north onto Natrona County Road 323, also known as the Dry Creek Road, approximately 48 miles west of Casper at UTM 328400 – 4712440 (NAD27 CONUS). After approximately 16 miles, the Project is reached via a turnoff located in Section 36, T32N, R88W.

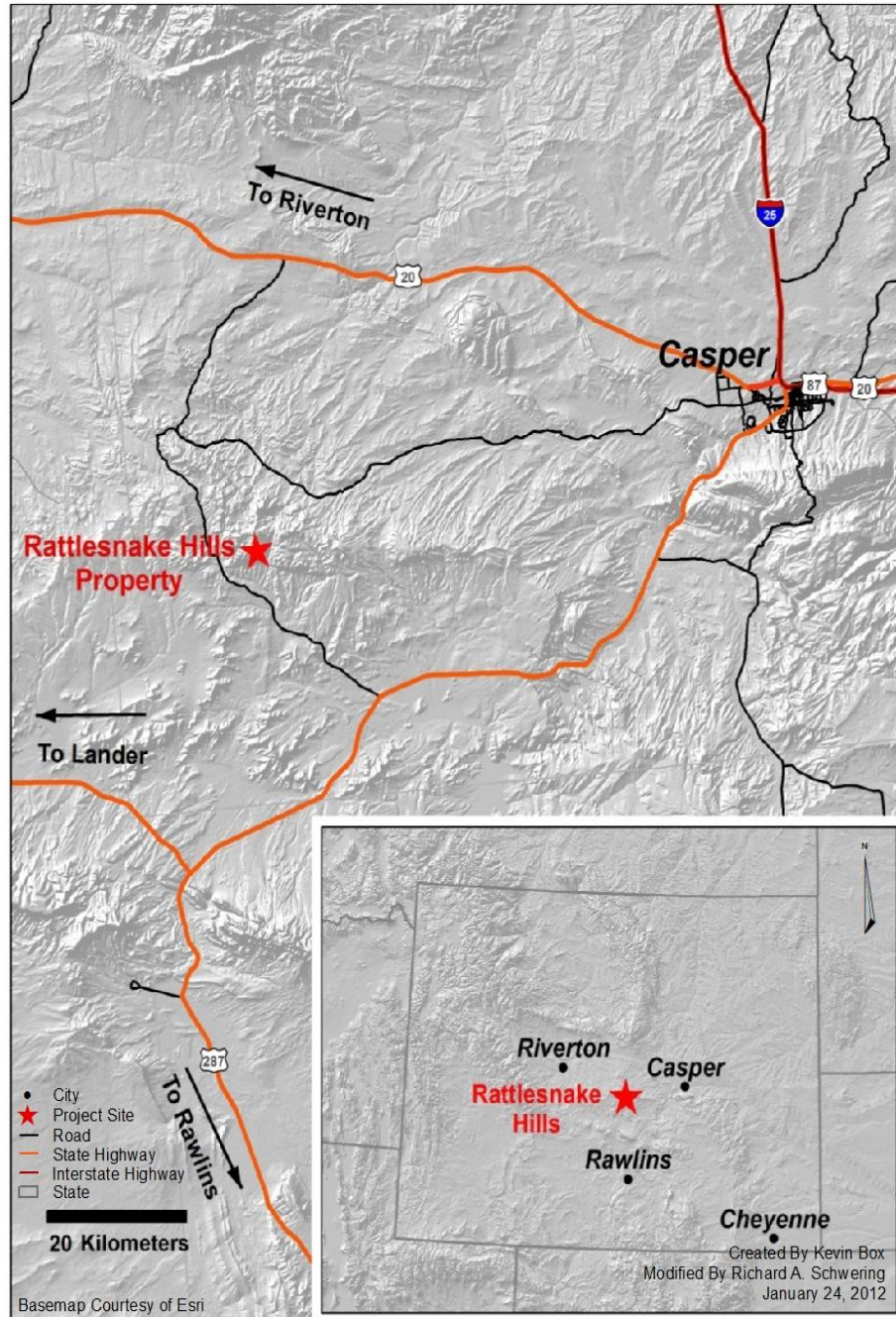
The claims in Table 4-1, together with the 276 hectares of Wyoming State lease lands (Table 4-2), are collectively called 'the Property'.

Claims are valid so long as the required US\$140 per year assessment work or payment in lieu of work to the BLM is performed each year. The assessment year is from noon September 1 to noon September 1 of the following year. Work to date has satisfied this requirement for 2011. Claims were located using compass and chain and GPS surveying, but have not been officially surveyed.

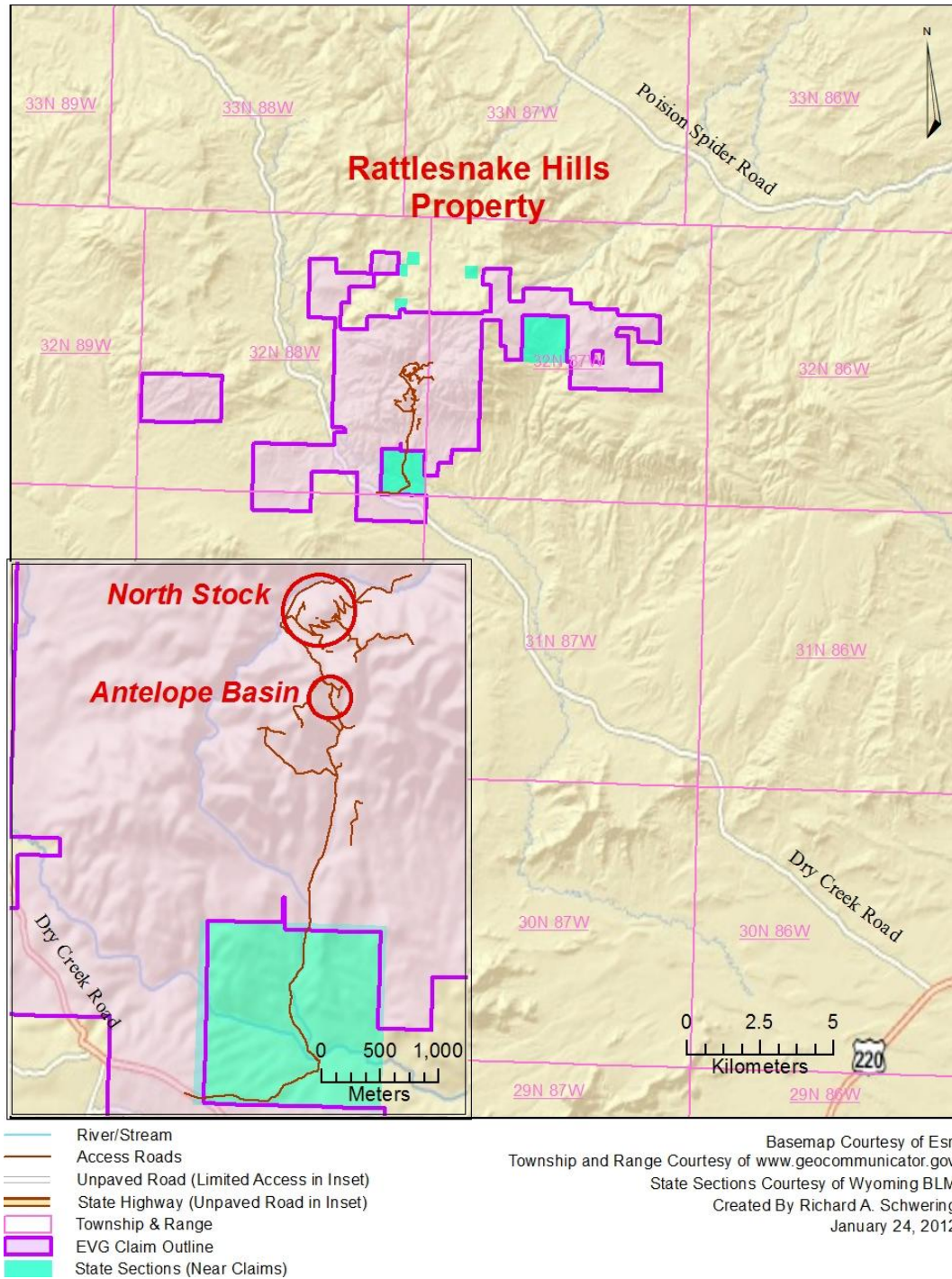


State leases are year-to-year leases and require an annual payment (Table 4-2) to hold the leases and are subject to a sliding royalty (Table 4-3). The annual fees for 2011 have been paid.

**Figure 4-1: Location Map of Rattlesnake Hills Project**



**Figure 4-2: Rattlesnake Hills Claims**





**Table 4-1: Rattlesnake Hills Claims**

Claim Name	Original Claimant	Natrona Co. No.	BLM Serial No.	Township	Range	Section(s)
MG #1	David R. Miller	527687	WMC-247272	32N	88W	25
MG #2	David R. Miller	527688	WMC-247273	32N	88W	25
MG #3	David R. Miller	527689	WMC-247274	32N	88W	25
MG #5	Lyle D. Fruchey, David R. Miller	527690	WMC-247276	32N	88W	24
				32N	87W	19
MG #6	Lyle D. Fruchey, David R. Miller	527691	WMC-247277	32N	87W	19
BIF #8	Lyle D. Fruchey, David R. Miller	355091	WMC-221930	32N	87W	30
BIF #9	Lyle D. Fruchey, David R. Miller	355092	WMC-221929	32N	88W	25
				32N	87W	30
BIF #10	Lyle D. Fruchey, David R. Miller	355093	WMC-221928	32N	88W	25
				32N	87W	30
BIF #11	David R. Miller	355105	WMC-221927	32N	88W	25
BIF #12	Lyle D. Fruchey, David R. Miller	355106	WMC-221926	32N	88W	25
BIF #13	David R. Miller	355107	WMC-221925	32N	88W	25
BIF #14	David R. Miller	355108	WMC-221924	32N	88W	25
BIF #25	Lyle D. Fruchey, David R. Miller	355098	WMC-221915	32N	88W	24
BIF #26	David R. Miller	355099	WMC-221914	32N	88W	24
BIF #27	David R. Miller	355100	WMC-221913	32N	88W	24
BIF #28	David R. Miller	355101	WMC-221912	32N	88W	24
BIF #45	David R. Miller	359004	WMC-222919	32N	88W	25
GM #83	Richard C. Meyer, David R. Miller	506928	WMC-244849	32N	88W	24
GM #84	Lyle D. Fruchey, David R. Miller	506929	WMC-244850	32N	88W	24
RAT #61	Richard C. Meyer, David R. Miller	510432	WMC-245234	32N	88W	24
				32N	87W	19
RAT #63	Richard C. Meyer, David R. Miller	510434	WMC-245236	32N	88W	24
				32N	87W	19
RAT #65	Richard C. Meyer, David R. Miller	510436	WMC-245238	32N	88W	24
				32N	87W	19
RAT #85	Richard C. Meyer, David R. Miller	510438	WMC-245240	32N	88W	24
RAT #86	Lyle D. Fruchey, David R. Miller	510439	WMC-245241	32N	88W	24
RAT #87	Richard C. Meyer, David R. Miller	510440	WMC-245242	32N	88W	24
RAT #88	Lyle D. Fruchey, David R. Miller	510441	WMC-245243	32N	88W	24
RAT #89	Richard C. Meyer, David R. Miller	510442	WMC-245244	32N	88W	24
RAT #90	Richard C. Meyer, David R. Miller	510443	WMC-245245	32N	88W	24
RAT #92	Richard C. Meyer, David R. Miller	510445	WMC-245247	32N	88W	24
RAT #94	Richard C. Meyer, David R. Miller	510447	WMC-245249	32N	88W	24
JD 1	Quincy Energy	796060	WMC-275955	32N	88W	25
				32N	87W	30,31
JD 1F	Quincy Energy	883219	WMC-300349	32N	88W	25
JD 2	Quincy Energy	796061	WMC-275956	32N	87W	30,31
JD 3	Quincy Energy	796062	WMC-275957	32N	87W	30
				32N	88W	25
JD 4	Quincy Energy	796063	WMC-275958	32N	87W	30
JD 5	Quincy Energy	796064	WMC-275959	32N	87W	30
				32N	88W	25
JD 6	Quincy Energy	796065	WMC-275960	32N	87W	30
JD 7	Quincy Energy	796066	WMC-275961	32N	87W	30
				32N	88W	25
JD 8	Quincy Energy	796067	WMC-275962	32N	87W	30
JD 9	Quincy Energy	796068	WMC-275963	32N	87W	30
JD 10	Quincy Energy	796069	WMC-275964	32N	87W	30
JD 11	Quincy Energy	796070	WMC-275965	32N	87W	30
JD 12	Quincy Energy	796071	WMC-275966	32N	87W	30
JD 13	Quincy Energy	796072	WMC-275967	32N	87W	30
JD 14	Quincy Energy	796073	WMC-275968	32N	87W	19,30
JD 15	Quincy Energy	796074	WMC-275969	32N	87W	19
JD 16	Quincy Energy	796075	WMC-275970	32N	87W	19
JD 17	Quincy Energy	796076	WMC-275971	32N	87W	19



<b>Claim Name</b>	<b>Original Claimant</b>	<b>Natrona Co. No.</b>	<b>BLM Serial No.</b>	<b>Township</b>	<b>Range</b>	<b>Section(s)</b>
JD 18	Quincy Energy	796077	WMC-275972	32N	87W	19
JD 19	Quincy Energy	796078	WMC-275973	32N	87W	19
JD 20	Quincy Energy	796079	WMC-275974	32N	87W	19
JD 21	Quincy Energy	796080	WMC-275975	32N	87W	19
JD 22	Quincy Energy	796081	WMC-275976	32N	87W	19
JD 23	Quincy Energy	796082	WMC-275977	32N	88W	25
JD 24	Quincy Energy	796083	WMC-275978	32N	88W	25
JD 25	Quincy Energy	796084	WMC-275979	32N	88W	25
JD 26	Quincy Energy	796085	WMC-275980	32N	88W	25
JD 27	Quincy Energy	796086	WMC-275981	32N	88W	25
JD 28	Quincy Energy	796087	WMC-275982	32N	88W	25,26
JD 29	Quincy Energy	796088	WMC-275983	32N	88W	26
JD 31	Quincy Energy	885447	WMC-300494	32N	88W	26
JD 32	Quincy Energy	796091	WMC-275986	32N	88W	26
JD 33	Quincy Energy	796092	WMC-275987	32N	88W	25,26
JD 34	Quincy Energy	796093	WMC-275988	32N	88W	25
JD 35	Quincy Energy	796094	WMC-275989	32N	88W	25
JD 36	Quincy Energy	796095	WMC-275990	32N	88W	25
JD 37	Quincy Energy	796096	WMC-275991	32N	88W	25
JD 38	Quincy Energy	796097	WMC-275992	32N	88W	25
JD 39	Quincy Energy	796098	WMC-275993	32N	88W	25
JD 40	Quincy Energy	796099	WMC-275994	32N	88W	25
JD 41	Quincy Energy	796100	WMC-275995	32N	88W	25
JD 42	Quincy Energy	796101	WMC-275996	32N	88W	25
JD 43	Quincy Energy	796102	WMC-275997	32N	88W	25
JD 44	Quincy Energy	796103	WMC-275998	32N	88W	25
JD 45	Quincy Energy	796104	WMC-275999	32N	88W	25
JD 46	Quincy Energy	796105	WMC-276000	32N	88W	25,26
JD 47	Quincy Energy	796106	WMC-276001	32N	88W	26
JD 48	Quincy Energy	796107	WMC-276002	32N	88W	27
JD 49	Quincy Energy	796108	WMC-276003	32N	88W	23,26
JD 50	Quincy Energy	796109	WMC-276004	32N	88W	23,26
JD 51	Quincy Energy	796110	WMC-276005	32N	88W	23,26
JD 52	Quincy Energy	796111	WMC-276006	32N	88W	24,25
JD 53	Quincy Energy	796112	WMC-276007	32N	88W	24,25
JD 54	Quincy Energy	796113	WMC-276008	32N	88W	24,25
JD 55	Quincy Energy	796114	WMC-276009	32N	88W	24,25
JD 56	Quincy Energy	796115	WMC-276010	32N	87W	19
				32N	88W	24
JD 57	Quincy Energy	796116	WMC-276011	32N	87W	19
				32N	88W	24
JD 58	Quincy Energy	796117	WMC-276012	32N	87W	19
				32N	88W	24
JD 59	Quincy Energy	796118	WMC-276013	32N	88W	24
JD 60	Quincy Energy	796119	WMC-276014	32N	88W	24
JD 61	Quincy Energy	796120	WMC-276015	32N	88W	24
JD 62	Quincy Energy	796121	WMC-276016	32N	88W	24
JD 63	Quincy Energy	796122	WMC-276017	32N	88W	24
JD 64	Quincy Energy	796123	WMC-276018	32N	88W	24
JD 65	Quincy Energy	796124	WMC-276019	32N	88W	24
JD 66	Quincy Energy	796125	WMC-276020	32N	88W	24
JD 67	Quincy Energy	796126	WMC-276021	32N	87W	18,19
				32N	88W	13,24
JD 68	Quincy Energy	796127	WMC-276022	32N	88W	13,24
JD 69	Quincy Energy	796128	WMC-276023	32N	88W	13,24
JD 70	Quincy Energy	796129	WMC-276024	32N	88W	13,24
JD 71	Quincy Energy	796130	WMC-276025	32N	88W	13,24
JD 72	Quincy Energy	796131	WMC-276026	32N	88W	13,24
JD 73	Quincy Energy	796132	WMC-276027	32N	88W	13,24
JD 74	Quincy Energy	796133	WMC-276028	32N	88W	13,24



Claim Name	Original Claimant	Natrona Co. No.	BLM Serial No.	Township	Range	Section(s)
JD 75	Quincy Energy	796134	WMC-276029	32N	88W	13,24
JD 76	Quincy Energy	796135	WMC-276030	32N	88W	14,23
JD 77	Quincy Energy	796136	WMC-276031	32N	88W	14,23
JD 78	Quincy Energy	796137	WMC-276032	32N	88W	14,23
JD 78-A	Quincy Energy	796138	WMC-276033	32N	87W	30
JD 79	Quincy Energy	796139	WMC-276034	32N	88W	14,23
JD 80	Quincy Energy	796140	WMC-276035	32N	88W	14,23
JD 81	Quincy Energy	796141	WMC-276036	32N	88W	14,23
JD 82	Quincy Energy	796142	WMC-276037	32N	88W	14,23
JD 83	Quincy Energy	796143	WMC-276038	32N	88W	14,23
JD 84	Quincy Energy	796144	WMC-276039	32N	88W	14,15,22,23
JD 85	Quincy Energy	796145	WMC-276040	32N	88W	14,15
JD 86	Quincy Energy	796146	WMC-276041	32N	88W	14
JD 87	Quincy Energy	796147	WMC-276042	32N	88W	14
JD 88	Quincy Energy	796148	WMC-276043	32N	88W	14
JD 89	Quincy Energy	796149	WMC-276044	32N	88W	14
JD 90	Quincy Energy	796150	WMC-276045	32N	88W	14
JD 91	Quincy Energy	796151	WMC-276046	32N	88W	14
JD 92	Quincy Energy	796152	WMC-276047	32N	88W	14
JD 93	Quincy Energy	796153	WMC-276048	32N	88W	14
JD 94	Quincy Energy	796154	WMC-276049	32N	88W	14
JD 95	Quincy Energy	796155	WMC-276050	32N	88W	14
RH 1	Evolving Gold Corp	848310	WMC-294460	32N	88W	13
RH 2	Evolving Gold Corp	848311	WMC-294460	32N	88W	13
RH 3	Evolving Gold Corp	848312	WMC-294460	32N	88W	13
RH 4	Evolving Gold Corp	848313	WMC-294460	32N	88W	13
RH 5	Evolving Gold Corp	848314	WMC-294460	32N	87W	18
					88W	13
RH 6	Evolving Gold Corp	848315	WMC-294460	32N	87W	18
RH 7	Evolving Gold Corp	848316	WMC-294460	32N	87W	18
RH 8	Evolving Gold Corp	848317	WMC-294460	32N	87W	18
RH 9	Evolving Gold Corp	848318	WMC-294460	32N	87W	18
RH 10	Evolving Gold Corp	856245	WMC-296477	32N	87W	18
RH 11	Evolving Gold Corp	856244	WMC-296478	32N	87W	18
RH 12	Evolving Gold Corp	848321	WMC-294471	32N	87W	18
RH 13	Evolving Gold Corp	848322	WMC-294472	32N	88W	13
RH 14	Evolving Gold Corp	848323	WMC-294473	32N	88W	13
RH 15	Evolving Gold Corp	848324	WMC-294474	32N	88W	13
RH 16	Evolving Gold Corp	848325	WMC-294475	32N	88W	13
RH 17	Evolving Gold Corp	848326	WMC-294476	32N	88W	13
RH 18	Evolving Gold Corp	848327	WMC-294477	32N	88W	13
RH 19	Evolving Gold Corp	848328	WMC-294478	32N	88W	13
RH 20	Evolving Gold Corp	848329	WMC-294479	32N	88W	13
RH 21	Evolving Gold Corp	848330	WMC-294480	32N	87W,	18
					88W	13
RH 22	Evolving Gold Corp	848331	WMC-294481	32N	87W	18
RH 23	Evolving Gold Corp	848332	WMC-294482	32N	87W	18
RH 24	Evolving Gold Corp	848333	WMC-294483	32N	87W	18
RH 25	Evolving Gold Corp	848334	WMC-294484	32N	87W	18
RH 26	Evolving Gold Corp	848335	WMC-294485	32N	87W	18
RH 27	Evolving Gold Corp	848336	WMC-294486	32N	87W	18
RH 28	Evolving Gold Corp	848337	WMC-294487	32N	87W	18
RH 29	Evolving Gold Corp	848338	WMC-294488	32N	87W	18
RH 30	Evolving Gold Corp	848339	WMC-294489	32N	87W	18
RH 31	Evolving Gold Corp	848340	WMC-294490	32N	87W	18
RH 32	Evolving Gold Corp	848341	WMC-294491	32N	87W	18
RH 33	Evolving Gold Corp	848342	WMC-294492	32N	87W	18
RH 34	Evolving Gold Corp	848343	WMC-294493	32N	87W	18
RH 35	Evolving Gold Corp	848344	WMC-294494	32N	87W	18
RH 36	Evolving Gold Corp	856246	WMC-296479	32N	87W	17,18



Claim Name	Original Claimant	Natrona Co. No.	BLM Serial No.	Township	Range	Section(s)
RH 37	Evolving Gold Corp	856247	WMC-296480	32N	87W	17,18
RH 38	Evolving Gold Corp	856248	WMC-296481	32N	87W	17,18
RH 39	Evolving Gold Corp	856249	WMC-296482	32N	87W	17,18
RH 40	Evolving Gold Corp	856250	WMC-296483	32N	87W	17,18
RH 41	Evolving Gold Corp	856251	WMC-296484	32N	87W	17,18
RH 42	Evolving Gold Corp	856252	WMC-296485	32N	87W	17,18
RH 43	Evolving Gold Corp	856253	WMC-296486	32N	87W	17,18
RH 44	Evolving Gold Corp	856254	WMC-296487	32N	87W	19
RH 45	Evolving Gold Corp	856255	WMC-296488	32N	87W	19
RH 46	Evolving Gold Corp	856256	WMC-296489	32N	87W	19
RH 47	Evolving Gold Corp	856257	WMC-296490	32N	87W	19
RH 48	Evolving Gold Corp	856258	WMC-296491	32N	87W	19
RH 49	Evolving Gold Corp	856259	WMC-296492	32N	87W	19
RH 50	Evolving Gold Corp	856260	WMC-296493	32N	87W	19
RH 51	Evolving Gold Corp	856261	WMC-296494	32N	87W	19
RH 52	Evolving Gold Corp	856262	WMC-296495	32N	87W	19,30
RH 53	Evolving Gold Corp	856263	WMC-296496	32N	87W	30
RH 54	Evolving Gold Corp	856264	WMC-296497	32N	87W	30
RH 55	Evolving Gold Corp	856265	WMC-296498	32N	87W	30
RH 56	Evolving Gold Corp	856266	WMC-296499	32N	87W	30
RH 57	Evolving Gold Corp	856267	WMC-296500	32N	87W	30
RH 58	Evolving Gold Corp	856268	WMC-296501	32N	87W	30
RH 59	Evolving Gold Corp	856269	WMC-296502	32N	87W	30
RH 60	Evolving Gold Corp	856270	WMC-296503	32N	87W	30
RH 61	Evolving Gold Corp	856271	WMC-296504	32N	87W	30,31
RH 62	Evolving Gold Corp	856272	WMC-296505	32N	87W	31
RH 63	Evolving Gold Corp	856273	WMC-296506	32N	87W	31
RH 64	Evolving Gold Corp	856274	WMC-296507	32N	87W	31
RH 65	Evolving Gold Corp	856275	WMC-296508	32N	87W	31
RH 66	Evolving Gold Corp	856276	WMC-296509	32N	87W	31
RH 67	Evolving Gold Corp	856277	WMC-296510	32N	87W	31
RH 68	Evolving Gold Corp	856278	WMC-296511	32N	87W	31
RH 69	Evolving Gold Corp	856279	WMC-296512	32N	87W	19
RH 70	Evolving Gold Corp	856280	WMC-296513	32N	87W	19
RH 71	Evolving Gold Corp	856281	WMC-296514	32N	87W	19
RH 72	Evolving Gold Corp	856282	WMC-296515	32N	87W	19
RH 73	Evolving Gold Corp	856283	WMC-296516	32N	87W	19
RH 74	Evolving Gold Corp	856284	WMC-296517	32N	87W	19
RH 75	Evolving Gold Corp	856285	WMC-296518	32N	87W	19
RH 76	Evolving Gold Corp	856286	WMC-296519	32N	87W	19
RH 77	Evolving Gold Corp	856287	WMC-296520	32N	87W	19,30
RH 78	Evolving Gold Corp	856288	WMC-296521	32N	87W	30
RH 79	Evolving Gold Corp	856289	WMC-296522	32N	87W	30
RH 80	Evolving Gold Corp	856290	WMC-296523	32N	87W	30
RH 81	Evolving Gold Corp	856291	WMC-296524	32N	87W	30
RH 82	Evolving Gold Corp	856292	WMC-296525	32N	87W	30
RH 83	Evolving Gold Corp	856293	WMC-296526	32N	87W	30
RH 84	Evolving Gold Corp	856294	WMC-296527	32N	87W	30
RH 85	Evolving Gold Corp	856295	WMC-296528	32N	87W	30
RH 86	Evolving Gold Corp	856296	WMC-296529	32N	87W	19,20
RH 87	Evolving Gold Corp	856297	WMC-296530	32N	87W	19,20
RH 88	Evolving Gold Corp	856298	WMC-296531	32N	87W	19,20
RH 89	Evolving Gold Corp	856299	WMC-296532	32N	87W	19,20
RH 90	Evolving Gold Corp	856300	WMC-296533	32N	87W	19,20
RH 91	Evolving Gold Corp	856301	WMC-296534	32N	87W	19,20
RH 92	Evolving Gold Corp	856302	WMC-296535	32N	87W	19,20
RH 93	Evolving Gold Corp	856303	WMC-296536	32N	87W	19,20
RH 94	Evolving Gold Corp	856304	WMC-296537	32N	87W	19,20,29,30
RH 95	Evolving Gold Corp	856305	WMC-296538	32N	87W	29,30
RH 96	Evolving Gold Corp	856306	WMC-296539	32N	87W	29,30



<b>Claim Name</b>	<b>Original Claimant</b>	<b>Natrona Co. No.</b>	<b>BLM Serial No.</b>	<b>Township</b>	<b>Range</b>	<b>Section(s)</b>
RH 97	Evolving Gold Corp	856307	WMC-296540	32N	87W	29,30
RH 98	Evolving Gold Corp	856308	WMC-296541	32N	87W	29,30
RH 99	Evolving Gold Corp	856309	WMC-296542	32N	87W	29,30
RH 100	Evolving Gold Corp	856310	WMC-296543	32N	87W	29,30
RH 101	Evolving Gold Corp	856311	WMC-296544	32N	87W	29,30
RH 102	Evolving Gold Corp	856312	WMC-296545	32N	87W	29,30
RH 103	Evolving Gold Corp	856313	WMC-296546	32N	88W	23
RH 104	Evolving Gold Corp	856314	WMC-296547	32N	88W	23
RH 105	Evolving Gold Corp	856315	WMC-296548	32N	88W	23
RH 106	Evolving Gold Corp	856316	WMC-296549	32N	88W	23
RH 107	Evolving Gold Corp	856317	WMC-296550	32N	88W	23
RH 108	Evolving Gold Corp	856318	WMC-296551	32N	88W	23
RH 109	Evolving Gold Corp	856319	WMC-296552	32N	88W	23
RH 110	Evolving Gold Corp	856320	WMC-296553	32N	88W	23
RH 111	Evolving Gold Corp	856321	WMC-296554	32N	88W	23
RH 112	Evolving Gold Corp	856322	WMC-296555	32N	88W	23
RH 113	Evolving Gold Corp	856323	WMC-296556	32N	88W	23
RH 114	Evolving Gold Corp	856324	WMC-296557	32N	88W	23
RH 115	Evolving Gold Corp	856325	WMC-296558	32N	88W	23
RH 116	Evolving Gold Corp	856326	WMC-296559	32N	88W	23
RH 117	Evolving Gold Corp	856327	WMC-296560	32N	88W	26
RH 118	Evolving Gold Corp	856328	WMC-296561	32N	88W	26
RH 119	Evolving Gold Corp	856329	WMC-296562	32N	88W	26
RH 120	Evolving Gold Corp	856330	WMC-296563	32N	88W	28,33
RH 121	Evolving Gold Corp	856331	WMC-296564	32N	88W	28
RH 122	Evolving Gold Corp	856332	WMC-296565	32N	88W	28,33
RH 123	Evolving Gold Corp	856333	WMC-296566	32N	88W	28,33
RH 124	Evolving Gold Corp	856334	WMC-296567	32N	88W	28,33
RH 125	Evolving Gold Corp	856335	WMC-296568	32N	88W	28,33
RH 126	Evolving Gold Corp	856336	WMC-296569	32N	88W	27,28,33,34
RH 127	Evolving Gold Corp	856337	WMC-296570	32N	88W	27,34
RH 128	Evolving Gold Corp	856338	WMC-296571	32N	88W	27,34
RH 129	Evolving Gold Corp	856339	WMC-296572	32N	88W	27,34
RH 130	Evolving Gold Corp	856340	WMC-296573	32N	88W	27,34
RH 131	Evolving Gold Corp	856341	WMC-296574	32N	88W	27,34
RH 132	Evolving Gold Corp	856342	WMC-296575	32N	88W	27,34
RH 133	Evolving Gold Corp	856343	WMC-296576	32N	88W	27,34
RH 134	Evolving Gold Corp	856344	WMC-296577	32N	88W	27,34,35
RH 135	Evolving Gold Corp	856345	WMC-296578	32N	88W	33
RH 136	Evolving Gold Corp	856346	WMC-296579	32N	88W	33
RH 137	Evolving Gold Corp	856347	WMC-296580	32N	88W	33
RH 138	Evolving Gold Corp	856348	WMC-296581	32N	88W	33
RH 139	Evolving Gold Corp	856349	WMC-296582	32N	88W	33
RH 140	Evolving Gold Corp	856350	WMC-296583	32N	88W	33
RH 141	Evolving Gold Corp	856351	WMC-296584	32N	88W	33,34
RH 142	Evolving Gold Corp	856352	WMC-296585	32N	88W	34
RH 143	Evolving Gold Corp	856353	WMC-296586	32N	88W	34
RH 144	Evolving Gold Corp	856354	WMC-296587	32N	88W	34
RH 145	Evolving Gold Corp	856355	WMC-296588	32N	88W	34
RH 146	Evolving Gold Corp	856356	WMC-296589	32N	88W	34
RH 147	Evolving Gold Corp	856357	WMC-296590	32N	88W	34
RH 148	Evolving Gold Corp	856358	WMC-296591	32N	88W	34
RH 149	Evolving Gold Corp	856359	WMC-296592	32N	88W	34,35
RH 150	Evolving Gold Corp	856360	WMC-296593	32N	88W	33
RH 151	Evolving Gold Corp	856361	WMC-296594	32N	88W	33
RH 152	Evolving Gold Corp	856362	WMC-296595	32N	88W	33
RH 153	Evolving Gold Corp	856363	WMC-296596	32N	88W	33
RH 154	Evolving Gold Corp	856364	WMC-296597	32N	88W	33
RH 155	Evolving Gold Corp	856365	WMC-296598	32N	88W	33
RH 156	Evolving Gold Corp	856366	WMC-296599	32N	88W	33,34



Claim Name	Original Claimant	Natrona Co. No.	BLM Serial No.	Township	Range	Section(s)
RH 157	Evolving Gold Corp	856367	WMC-296600	32N	88W	34
RH 158	Evolving Gold Corp	856368	WMC-296601	32N	88W	34
RH 159	Evolving Gold Corp	856369	WMC-296602	32N	88W	34
RH 160	Evolving Gold Corp	856370	WMC-296603	32N	88W	34
RH 161	Evolving Gold Corp	856371	WMC-296604	32N	88W	33
				31N	88W	4
RH 162	Evolving Gold Corp	856372	WMC-296605	32N	88W	33
				31N	88W	4
RH 163	Evolving Gold Corp	856373	WMC-296606	32N	88W	33
				31N	88W	4
RH 164	Evolving Gold Corp	856374	WMC-296607	32N	88W	33
				31N	88W	4
RH 165	Evolving Gold Corp	856375	WMC-296608	32N	88W	33
				31N	88W	4
RH 166	Evolving Gold Corp	856376	WMC-296609	32N	88W	33
				31N	88W	4
RH 167	Evolving Gold Corp	856377	WMC-296610	32N	88W	33,34
				31N	88W	3,4
RH 168	Evolving Gold Corp	856378	WMC-296611	32N	88W	34
				31N	88W	3
RH 169	Evolving Gold Corp	856379	WMC-296612	32N	88W	34
				31N	88W	3
RH 170	Evolving Gold Corp	856380	WMC-296613	32N	88W	34
				31N	88W	3
RH 171	Evolving Gold Corp	856381	WMC-296614	32N	88W	34
				31N	88W	3
RH 172	Evolving Gold Corp	856382	WMC-296615	31N	88W	4
RH 173	Evolving Gold Corp	856383	WMC-296616	31N	88W	4
RH 174	Evolving Gold Corp	856384	WMC-296617	31N	88W	4
RH 175	Evolving Gold Corp	856385	WMC-296618	31N	88W	4
RH 176	Evolving Gold Corp	856386	WMC-296619	31N	88W	4
RH 177	Evolving Gold Corp	856387	WMC-296620	31N	88W	4
RH 178	Evolving Gold Corp	856388	WMC-296621	31N	88W	3,4
RH 179	Evolving Gold Corp	856389	WMC-296622	31N	88W	3
RH 180	Evolving Gold Corp	856390	WMC-296623	31N	88W	3
RH 181	Evolving Gold Corp	856391	WMC-296624	31N	88W	3
RH 182	Evolving Gold Corp	856392	WMC-296625	31N	88W	3
RH 183	Evolving Gold Corp	871975	WMC-297837	32N	88W	26,35
RH 184	Evolving Gold Corp	871976	WMC-297838	32N	88W	26,35
RH 185	Evolving Gold Corp	871977	WMC-297839	32N	88W	26,35
RH 186	Evolving Gold Corp	871978	WMC-297840	32N	88W	26,35
RH 187	Evolving Gold Corp	871979	WMC-297841	32N	88W	26,35
RH 188	Evolving Gold Corp	871980	WMC-297842	32N	88W	26,35
RH 189	Evolving Gold Corp	871981	WMC-297843	32N	88W	26,35
RH 190	Evolving Gold Corp	871982	WMC-297844	32N	88W	26,35
RH 191	Evolving Gold Corp	871983	WMC-297845	32N	88W	25,26,35
RH 192	Evolving Gold Corp	871984	WMC-297846	32N	88W	35
RH 193	Evolving Gold Corp	871985	WMC-297847	32N	88W	35
RH 194	Evolving Gold Corp	871986	WMC-297848	32N	88W	35
RH 195	Evolving Gold Corp	871987	WMC-297849	32N	88W	35
RH 196	Evolving Gold Corp	871988	WMC-297850	32N	88W	35
RH 197	Evolving Gold Corp	871989	WMC-297851	32N	88W	35
RH 198	Evolving Gold Corp	871990	WMC-297852	32N	88W	35
RH 199	Evolving Gold Corp	871991	WMC-297853	32N	88W	35
RH 200	Evolving Gold Corp	871992	WMC-297854	32N	88W	35
RH 201	Evolving Gold Corp	871993	WMC-297855	32N	88W	22,23
RH 202	Evolving Gold Corp	871994	WMC-297856	32N	88W	23
RH 203	Evolving Gold Corp	871995	WMC-297857	32N	88W	22,23
RH 204	Evolving Gold Corp	871996	WMC-297858	32N	88W	23
RH 205	Evolving Gold Corp	871997	WMC-297859	32N	88W	23



Claim Name	Original Claimant	Natrona Co. No.	BLM Serial No.	Township	Range	Section(s)
RH 206	Evolving Gold Corp	871998	WMC-297860	32N	88W	23
RH 207	Evolving Gold Corp	871999	WMC-297861	32N	88W	23
RH 208	Evolving Gold Corp	872000	WMC-297862	32N	88W	23
RH 209	Evolving Gold Corp	872001	WMC-297863	32N	88W	23
RH 210	Evolving Gold Corp	872002	WMC-297864	32N	88W	23
RH 211	Evolving Gold Corp	872003	WMC-297865	32N	88W	22,23,26,27
RH 212	Evolving Gold Corp	872004	WMC-297866	32N	88W	23,26
RH 213	Evolving Gold Corp	872005	WMC-297867	32N	88W	23,26
RH 214	Evolving Gold Corp	872006	WMC-297868	32N	88W	23,26
RH 215	Evolving Gold Corp	872007	WMC-297869	32N	88W	26,27
RH 216	Evolving Gold Corp	872008	WMC-297870	32N	88W	26
RH 217	Evolving Gold Corp	872009	WMC-297871	32N	88W	26
RH 218	Evolving Gold Corp	872010	WMC-297872	32N	88W	26
RH 219	Evolving Gold Corp	872011	WMC-297873	32N	88W	26,27
RH 220	Evolving Gold Corp	872012	WMC-297874	32N	88W	26
RH 221	Evolving Gold Corp	872013	WMC-297875	32N	88W	26
RH 222	Evolving Gold Corp	872014	WMC-297876	32N	88W	26
RH 223	Evolving Gold Corp	872015	WMC-297877	32N	88W	26
RH 224	Evolving Gold Corp	872016	WMC-297878	32N	88W	26
RH 225	Evolving Gold Corp	872017	WMC-297879	32N	88W	26
RH 226	Evolving Gold Corp	872018	WMC-297880	32N	88W	26
RH 227	Evolving Gold Corp	872019	WMC-297881	32N	88W	26
RH 228	Evolving Gold Corp	872020	WMC-297882	32N	88W	26
RH 229	Evolving Gold Corp	872021	WMC-297883	32N	88W	26
RH 230	Evolving Gold Corp	872022	WMC-297884	32N	88W	26
RH 231	Evolving Gold Corp	872023	WMC-297885	32N	88W	26
RH 232	Evolving Gold Corp	872024	WMC-297886	32N	88W	26
RH 233	Evolving Gold Corp	872025	WMC-297887	32N	88W	25,26
RH 234	Evolving Gold Corp	872026	WMC-297888	32N	88W	25
RH 235	Evolving Gold Corp	872027	WMC-297889	32N	88W	25
RH 236	Evolving Gold Corp	872028	WMC-297890	32N	88W	25
RH 237	Evolving Gold Corp	872029	WMC-297891	32N	88W	3,10
RH 238	Evolving Gold Corp	872030	WMC-297892	32N	88W	10
RH 239	Evolving Gold Corp	872031	WMC-297893	32N	88W	10
RH 240	Evolving Gold Corp	872032	WMC-297894	32N	88W	10
RH 241	Evolving Gold Corp	872033	WMC-297895	32N	88W	10
RH 242	Evolving Gold Corp	872034	WMC-297896	32N	88W	10
RH 243	Evolving Gold Corp	872035	WMC-297897	32N	88W	10
RH 244	Evolving Gold Corp	872036	WMC-297898	32N	88W	10
RH 245	Evolving Gold Corp	872037	WMC-297899	32N	88W	10,15
RH 246	Evolving Gold Corp	872038	WMC-297900	32N	88W	15
RH 247	Evolving Gold Corp	872039	WMC-297901	32N	88W	15
RH 248	Evolving Gold Corp	872040	WMC-297902	32N	88W	3,10
RH 249	Evolving Gold Corp	872041	WMC-297903	32N	88W	10
RH 250	Evolving Gold Corp	872042	WMC-297904	32N	88W	10
RH 251	Evolving Gold Corp	872043	WMC-297905	32N	88W	10
RH 252	Evolving Gold Corp	872044	WMC-297906	32N	88W	10
RH 253	Evolving Gold Corp	872045	WMC-297907	32N	88W	10
RH 254	Evolving Gold Corp	872046	WMC-297908	32N	88W	10
RH 255	Evolving Gold Corp	872047	WMC-297909	32N	88W	10
RH 256	Evolving Gold Corp	872048	WMC-297910	32N	88W	10,15
RH 257	Evolving Gold Corp	872049	WMC-297911	32N	88W	15
RH 258	Evolving Gold Corp	872050	WMC-297912	32N	88W	15
RH 267	Evolving Gold Corp	883220	WMC-300350	32N	88W	13
RH 268	Evolving Gold Corp	883225	WMC-300351	32N	88W	13
RH 269	Evolving Gold Corp	883226	WMC-300352	32N	88W	13
RH 270	Evolving Gold Corp	883227	WMC-300353	32N	88W	13
RH 271	Evolving Gold Corp	883228	WMC-300354	32N	88W	12,13
RH 272	Evolving Gold Corp	883229	WMC-300355	32N	88W	13
RH 273	Evolving Gold Corp	883230	WMC-300356	32N	88W	13



Claim Name	Original Claimant	Natrona Co. No.	BLM Serial No.	Township	Range	Section(s)
				32N	87W	18
RH 274	Evolving Gold Corp	883231	WMC-300357	32N	87W	18
RH 275	Evolving Gold Corp	883232	WMC-300358	32N	87W	18
RH 276	Evolving Gold Corp	883233	WMC-300359	32N	87W	18
RH 277	Evolving Gold Corp	883234	WMC-300360	32N	87W	7,8,17,18
RH 278	Evolving Gold Corp	883235	WMC-300361	32N	87W	8,17
RH 279	Evolving Gold Corp	885452	WMC-300496	32N	87W	17
RH 280	Evolving Gold Corp	885453	WMC-300497	32N	87W	8
RH 281	Evolving Gold Corp	885454	WMC-300498	32N	87W	8
RH 282	Evolving Gold Corp	885455	WMC-300499	32N	87W	8,17
RH 283	Evolving Gold Corp	885456	WMC-300500	32N	87W	17
RH 284	Evolving Gold Corp	885457	WMC-300501	32N	88W	10,11,14,15
RH 285	Evolving Gold Corp	885458	WMC-300502	32N	87W	17
RH 286	Evolving Gold Corp	885459	WMC-300503	32N	87W	17
RH 287	Evolving Gold Corp	885460	WMC-300504	32N	87W	17
RH 288	Evolving Gold Corp	885461	WMC-300505	32N	87W	17
RH 289	Evolving Gold Corp	885462	WMC-300506	32N	87W	17
RH 290	Evolving Gold Corp	885463	WMC-300507	32N	87W	17
RH 291	Evolving Gold Corp	885464	WMC-300508	32N	87W	17
RH 292	Evolving Gold Corp	885465	WMC-300509	32N	87W	17
RH 293	Evolving Gold Corp	885466	WMC-300510	32N	87W	8,17
RH 294	Evolving Gold Corp	885467	WMC-300511	32N	87W	17
RH 296	Evolving Gold Corp	885468	WMC-300512	32N	87W	17
RH 297	Evolving Gold Corp	885469	WMC-300513	32N	87W	17
RH 302	Evolving Gold Corp	885470	WMC-300514	32N	88W	14,15
RH 302A	Evolving Gold Corp	883236	WMC-300362	32N	87W	8
RH 303	Evolving Gold Corp	883237	WMC-300363	32N	87W	8
RH 304	Evolving Gold Corp	883238	WMC-300364	32N	87W	8
RH 305	Evolving Gold Corp	883239	WMC-300365	32N	87W	8
RH 306	Evolving Gold Corp	883240	WMC-300366	32N	87W	8
RH 307	Evolving Gold Corp	883241	WMC-300367	32N	87W	8
RH 308	Evolving Gold Corp	883242	WMC-300368	32N	87W	8
RH 309	Evolving Gold Corp	883243	WMC-300369	32N	87W	8
RH 310	Evolving Gold Corp	883244	WMC-300370	32N	87W	8
RH 311	Evolving Gold Corp	883245	WMC-300371	32N	87W	8
RH 312	Evolving Gold Corp	883246	WMC-300372	32N	87W	8
RH 313	Evolving Gold Corp	883247	WMC-300373	32N	87W	8
RH 314	Evolving Gold Corp	883248	WMC-300374	32N	87W	8
RH 315	Evolving Gold Corp	885471	WMC-300515	32N	87W	9
RH 316	Evolving Gold Corp	885472	WMC-300516	32N	87W	9
RH 317	Evolving Gold Corp	885473	WMC-300517	32N	87W	9
RH 318	Evolving Gold Corp	885474	WMC-300518	32N	87W	9
RH 319	Evolving Gold Corp	885475	WMC-300519	32N	87W	9
RH 320	Evolving Gold Corp	885476	WMC-300520	32N	87W	9
RH 321	Evolving Gold Corp	885477	WMC-300521	32N	87W	9
RH 322	Evolving Gold Corp	885478	WMC-300522	32N	87W	9,10
RH 323	Evolving Gold Corp	885479	WMC-300523	32N	87W	8,9
RH 324	Evolving Gold Corp	885480	WMC-300524	32N	87W	9
RH 325	Evolving Gold Corp	885481	WMC-300525	32N	87W	9
RH 326	Evolving Gold Corp	885482	WMC-300526	32N	87W	9
RH 327	Evolving Gold Corp	885483	WMC-300527	32N	87W	9
RH 328	Evolving Gold Corp	885484	WMC-300528	32N	87W	9
RH 329	Evolving Gold Corp	885485	WMC-300529	32N	87W	9
RH 330	Evolving Gold Corp	885486	WMC-300530	32N	87W	9
RH 331	Evolving Gold Corp	885487	WMC-300531	32N	87W	9,10
RH 332	Evolving Gold Corp	885488	WMC-300532	32N	87W	8,9
RH 390	Evolving Gold Corp	883249	WMC-300375	32N	88W	10,11
RH 391	Evolving Gold Corp	883250	WMC-300376	32N	88W	10,11
RH 392	Evolving Gold Corp	883251	WMC-300377	32N	88W	11
RH 393	Evolving Gold Corp	883252	WMC-300378	32N	88W	11



<b>Claim Name</b>	<b>Original Claimant</b>	<b>Natrona Co. No.</b>	<b>BLM Serial No.</b>	<b>Township</b>	<b>Range</b>	<b>Section(s)</b>
RH 394	Evolving Gold Corp	883253	WMC-300379	32N	88W	11
RH 395	Evolving Gold Corp	883254	WMC-300380	32N	88W	11
RH 396	Evolving Gold Corp	883255	WMC-300381	32N	88W	11
RH 397	Evolving Gold Corp	883256	WMC-300382	32N	88W	1,2
RH 398	Evolving Gold Corp	883257	WMC-300383	32N	88W	1,2,11,12
RH 399	Evolving Gold Corp	883258	WMC-300384	32N	88W	11,12
RH 400	Evolving Gold Corp	883259	WMC-300385	32N	88W	11,12
RH 401	Evolving Gold Corp	883260	WMC-300386	32N	88W	1
RH 402	Evolving Gold Corp	883261	WMC-300387	32N	88W	1,12
RH 403	Evolving Gold Corp	883262	WMC-300388	32N	88W	12
RH 404	Evolving Gold Corp	883263	WMC-300389	32N	88W	12
RH 266	Evolving Gold Corp	885451	WMC-300495	32N	88W	14
RH 386	Evolving Gold Corp	885489	WMC-300533	32N	88W	10,11
RH 387	Evolving Gold Corp	885490	WMC-300534	32N	88W	10,11
RH 388	Evolving Gold Corp	885491	WMC-300535	32N	88W	10,11
RH 389	Evolving Gold Corp	885492	WMC-300536	32N	88W	10,11
RT 1	Evolving Gold Corp	871888	WMC-297751	32N	87W	9,10
RT 4	Evolving Gold Corp	871891	WMC-297752	32N	87W	10,15
RT 5	Evolving Gold Corp	871892	WMC-297753	32N	87W	10,15
RT 6	Evolving Gold Corp	871893	WMC-297754	32N	87W	10,15
RT 7	Evolving Gold Corp	871894	WMC-297755	32N	87W	10,15
RT 8	Evolving Gold Corp	871895	WMC-297756	32N	87W	10,15
RT 9	Evolving Gold Corp	871896	WMC-297757	32N	87W	10,15
RT 10	Evolving Gold Corp	871897	WMC-297758	32N	87W	15
RT 11	Evolving Gold Corp	871898	WMC-297759	32N	87W	15
RT 12	Evolving Gold Corp	871899	WMC-297760	32N	87W	15
RT 13	Evolving Gold Corp	871900	WMC-297761	32N	87W	15
RT 14	Evolving Gold Corp	871901	WMC-297762	32N	87W	15
RT 15	Evolving Gold Corp	871902	WMC-297763	32N	87W	15
RT 16	Evolving Gold Corp	871903	WMC-297764	32N	87W	10,11,14,15
RT 17	Evolving Gold Corp	871904	WMC-297765	32N	87W	14,15
RT 18	Evolving Gold Corp	871905	WMC-297766	32N	87W	14,15
RT 19	Evolving Gold Corp	871906	WMC-297767	32N	87W	14,15
RT 20	Evolving Gold Corp	871907	WMC-297768	32N	87W	15
RT 21	Evolving Gold Corp	871908	WMC-297769	32N	87W	15
RT 22	Evolving Gold Corp	871909	WMC-297770	32N	87W	15
RT 23	Evolving Gold Corp	871910	WMC-297771	32N	87W	15
RT 24	Evolving Gold Corp	871911	WMC-297772	32N	87W	15
RT 25	Evolving Gold Corp	871912	WMC-297773	32N	87W	15
RT 26	Evolving Gold Corp	871913	WMC-297774	32N	87W	15
RT 27	Evolving Gold Corp	871914	WMC-297775	32N	87W	15
RT 28	Evolving Gold Corp	871915	WMC-297776	32N	87W	14,15
RT 29	Evolving Gold Corp	871916	WMC-297777	32N	87W	14
RT 30	Evolving Gold Corp	871917	WMC-297778	32N	87W	14
RT 31	Evolving Gold Corp	871918	WMC-297779	32N	87W	15
RT 32	Evolving Gold Corp	871919	WMC-297780	32N	87W	15
RT 33	Evolving Gold Corp	871920	WMC-297781	32N	87W	15
RT 34	Evolving Gold Corp	871921	WMC-297782	32N	87W	15
RT 35	Evolving Gold Corp	871922	WMC-297783	32N	87W	15
RT 36	Evolving Gold Corp	871923	WMC-297784	32N	87W	15
RT 37	Evolving Gold Corp	871924	WMC-297785	32N	87W	15
RT 38	Evolving Gold Corp	871925	WMC-297786	32N	87W	14,15
RT 39	Evolving Gold Corp	871926	WMC-297787	32N	87W	14
RT 40	Evolving Gold Corp	871927	WMC-297788	32N	87W	14
RT 41	Evolving Gold Corp	871928	WMC-297789	32N	87W	11,14
RT 42	Evolving Gold Corp	871929	WMC-297790	32N	87W	11,14
RT 43	Evolving Gold Corp	871930	WMC-297791	32N	87W	11,14
RT 44	Evolving Gold Corp	871931	WMC-297792	32N	87W	11,14
RT 45	Evolving Gold Corp	871932	WMC-297793	32N	87W	11,14
RT 46	Evolving Gold Corp	871933	WMC-297794	32N	87W	11,14



Claim Name	Original Claimant	Natrona Co. No.	BLM Serial No.	Township	Range	Section(s)
RT 47	Evolving Gold Corp	871934	WMC-297795	32N	87W	11,14
RT 48	Evolving Gold Corp	871935	WMC-297796	32N	87W	11,14
RT 49	Evolving Gold Corp	871936	WMC-297797	32N	87W	14
RT 50	Evolving Gold Corp	871937	WMC-297798	32N	87W	14
RT 51	Evolving Gold Corp	871938	WMC-297799	32N	87W	14
RT 52	Evolving Gold Corp	871939	WMC-297800	32N	87W	14
RT 53	Evolving Gold Corp	871940	WMC-297801	32N	87W	22
RT 54	Evolving Gold Corp	871941	WMC-297802	32N	87W	22
RT 55	Evolving Gold Corp	871942	WMC-297803	32N	87W	22
RT 56	Evolving Gold Corp	871943	WMC-297804	32N	87W	22
RT 57	Evolving Gold Corp	871944	WMC-297805	32N	87W	22
RT 58	Evolving Gold Corp	871945	WMC-297806	32N	87W	22
RT 59	Evolving Gold Corp	871946	WMC-297807	32N	87W	22
RT 60	Evolving Gold Corp	871947	WMC-297808	32N	87W	22
RT 61	Evolving Gold Corp	871948	WMC-297809	32N	87W	22,23
RT 62	Evolving Gold Corp	871949	WMC-297810	32N	87W	23
RT 63	Evolving Gold Corp	871950	WMC-297811	32N	87W	23
RT 64	Evolving Gold Corp	871951	WMC-297812	32N	87W	23
RT 65	Evolving Gold Corp	871952	WMC-297813	32N	87W	23
RT 66	Evolving Gold Corp	871953	WMC-297814	32N	87W	23
RT 67	Evolving Gold Corp	871954	WMC-297815	32N	87W	23
RT 68	Evolving Gold Corp	871955	WMC-297816	32N	87W	23
RT 69	Evolving Gold Corp	871956	WMC-297817	32N	87W	23
RT 70	Evolving Gold Corp	871957	WMC-297818	32N	87W	22
RT 71	Evolving Gold Corp	871958	WMC-297819	32N	87W	22
RT 72	Evolving Gold Corp	871959	WMC-297820	32N	87W	22
RT 73	Evolving Gold Corp	871960	WMC-297821	32N	87W	22
RT 74	Evolving Gold Corp	871961	WMC-297822	32N	87W	22
RT 75	Evolving Gold Corp	871962	WMC-297823	32N	87W	22
RT 76	Evolving Gold Corp	871963	WMC-297824	32N	87W	22
RT 77	Evolving Gold Corp	871964	WMC-297825	32N	87W	22
RT 78	Evolving Gold Corp	871965	WMC-297826	32N	87W	22,23
RT 79	Evolving Gold Corp	871966	WMC-297827	32N	87W	23
RT 80	Evolving Gold Corp	871967	WMC-297828	32N	87W	23
RT 81	Evolving Gold Corp	871968	WMC-297829	32N	87W	23
RT 82	Evolving Gold Corp	871969	WMC-297830	32N	87W	23
RT 83	Evolving Gold Corp	871970	WMC-297831	32N	87W	23
RT 84	Evolving Gold Corp	871971	WMC-297832	32N	87W	23
RT 85	Evolving Gold Corp	871972	WMC-297833	32N	87W	23
RT 86	Evolving Gold Corp	871973	WMC-297834	32N	87W	23
RT 88	Evolving Gold Corp	885401	WMC-297835	32N	87W	9,10,15
RT 89	Evolving Gold Corp	885448	WMC-300537	32N	87W	15
RT 90	Evolving Gold Corp	885449	WMC-300538	32N	87W	15
RT 91	Evolving Gold Corp	885450	WMC-300539	32N	87W	15
RX 1	Evolving Gold Corp	883126	WMC-300390	32N	88W	19
RX 2	Evolving Gold Corp	883127	WMC-300391	32N	88W	19
RX 3	Evolving Gold Corp	883128	WMC-300392	32N	88W	19
RX 4	Evolving Gold Corp	883129	WMC-300393	32N	88W	19,30
RX 5	Evolving Gold Corp	883130	WMC-300394	32N	88W	30
RX 6	Evolving Gold Corp	883131	WMC-300395	32N	88W	30
RX 7	Evolving Gold Corp	883132	WMC-300396	32N	88W	30
RX 8	Evolving Gold Corp	883133	WMC-300397	32N	88W	30
RX 9	Evolving Gold Corp	883134	WMC-300398	32N	88W	30
RX 10	Evolving Gold Corp	883135	WMC-300399	32N	88W	19
RX 11	Evolving Gold Corp	883136	WMC-300400	32N	88W	19
RX 12	Evolving Gold Corp	883137	WMC-300401	32N	88W	19
RX 13	Evolving Gold Corp	883138	WMC-300402	32N	88W	19,30
RX 14	Evolving Gold Corp	883139	WMC-300403	32N	88W	30
RX 15	Evolving Gold Corp	883140	WMC-300404	32N	88W	30
RX 16	Evolving Gold Corp	883141	WMC-300405	32N	88W	30



Claim Name	Original Claimant	Natrona Co. No.	BLM Serial No.	Township	Range	Section(s)
RX 17	Evolving Gold Corp	883142	WMC-300406	32N	88W	30
RX 18	Evolving Gold Corp	883143	WMC-300407	32N	88W	30
RX 19	Evolving Gold Corp	883144	WMC-300408	32N	88W	19
RX 20	Evolving Gold Corp	883145	WMC-300409	32N	88W	19
RX 21	Evolving Gold Corp	883146	WMC-300410	32N	88W	19
RX 22	Evolving Gold Corp	883147	WMC-300411	32N	88W	19,30
RX 23	Evolving Gold Corp	883148	WMC-300412	32N	88W	30
RX 24	Evolving Gold Corp	883149	WMC-300413	32N	88W	30
RX 25	Evolving Gold Corp	883150	WMC-300414	32N	88W	30
RX 26	Evolving Gold Corp	883151	WMC-300415	32N	88W	30
RX 27	Evolving Gold Corp	883152	WMC-300416	32N	88W	30
RX 28	Evolving Gold Corp	883153	WMC-300417	32N	88W	19,20
RX 29	Evolving Gold Corp	883154	WMC-300418	32N	88W	19,20
RX 30	Evolving Gold Corp	883155	WMC-300419	32N	88W	19,20
RX 31	Evolving Gold Corp	883156	WMC-300420	32N	88W	19,20
RX 32	Evolving Gold Corp	883157	WMC-300421	32N	88W	29,30
RX 33	Evolving Gold Corp	883158	WMC-300422	32N	88W	29,30
RX 34	Evolving Gold Corp	883159	WMC-300423	32N	88W	29,30
RX 35	Evolving Gold Corp	883160	WMC-300424	32N	88W	29,30
RX 36	Evolving Gold Corp	883161	WMC-300425	32N	88W	29,30
RX 37	Evolving Gold Corp	883162	WMC-300426	32N	88W	20
RX 38	Evolving Gold Corp	883163	WMC-300427	32N	88W	20
RX 39	Evolving Gold Corp	883164	WMC-300428	32N	88W	20
RX 40	Evolving Gold Corp	883165	WMC-300429	32N	88W	20
RX 41	Evolving Gold Corp	883166	WMC-300430	32N	88W	29
RX 42	Evolving Gold Corp	883167	WMC-300431	32N	88W	29
RX 43	Evolving Gold Corp	883168	WMC-300432	32N	88W	29
RX 44	Evolving Gold Corp	883169	WMC-300433	32N	88W	29
RX 45	Evolving Gold Corp	883170	WMC-300434	32N	88W	29
RX 46	Evolving Gold Corp	883171	WMC-300435	32N	88W	20
RX 47	Evolving Gold Corp	883172	WMC-300436	32N	88W	20
RX 48	Evolving Gold Corp	883173	WMC-300437	32N	88W	20
RX 49	Evolving Gold Corp	883174	WMC-300438	32N	88W	20
RX 50	Evolving Gold Corp	883175	WMC-300439	32N	88W	29
RX 51	Evolving Gold Corp	883176	WMC-300440	32N	88W	29
RX 52	Evolving Gold Corp	883177	WMC-300441	32N	88W	29
RX 53	Evolving Gold Corp	883178	WMC-300442	32N	88W	29
RX 54	Evolving Gold Corp	883179	WMC-300443	32N	88W	29
RX 55	Evolving Gold Corp	883180	WMC-300444	31N	88W	1
RX 56	Evolving Gold Corp	883181	WMC-300445	31N	88W	1
RX 57	Evolving Gold Corp	883182	WMC-300446	31N	88W	1
RX 58	Evolving Gold Corp	883183	WMC-300447	31N	88W	1
RX 59	Evolving Gold Corp	883184	WMC-300448	31N	88W	1
RX 60	Evolving Gold Corp	883185	WMC-300449	31N	88W	1
RX 61	Evolving Gold Corp	883186	WMC-300450	31N	88W	1
RX 62	Evolving Gold Corp	883187	WMC-300451	31N	88W	1
RX 63	Evolving Gold Corp	883188	WMC-300452	32N	88W	31
				31N	88W	1,6
RX 64	Evolving Gold Corp	883189	WMC-300453	31N	88W	1
RX 65	Evolving Gold Corp	883190	WMC-300454	31N	88W	1
RX 66	Evolving Gold Corp	883191	WMC-300455	31N	88W	1
RX 67	Evolving Gold Corp	883192	WMC-300456	31N	88W	1
RX 68	Evolving Gold Corp	883193	WMC-300457	31N	88W	1
RX 69	Evolving Gold Corp	883194	WMC-300458	31N	88W	1
RX 70	Evolving Gold Corp	883195	WMC-300459	31N	88W	1
RX 71	Evolving Gold Corp	883196	WMC-300460	31N	88W	1
RX 72	Evolving Gold Corp	883197	WMC-300461	31N	88W	1,6
RX 73	Evolving Gold Corp	883198	WMC-300462	32N	88W	35
RX 74	Evolving Gold Corp	883199	WMC-300463	32N	88W	35
RX 75	Evolving Gold Corp	883200	WMC-300464	32N	88W	35



Claim Name	Original Claimant	Natrona Co. No.	BLM Serial No.	Township	Range	Section(s)
RX 76	Evolving Gold Corp	883201	WMC-300465	32N	88W	35
RX 77	Evolving Gold Corp	883202	WMC-300466	32N	88W	35
RX 78	Evolving Gold Corp	883203	WMC-300467	32N	88W	35
RX 79	Evolving Gold Corp	883204	WMC-300468	32N	88W	35
RX 80	Evolving Gold Corp	883205	WMC-300469	32N	88W	35
RX 81	Evolving Gold Corp	883206	WMC-300470	32N	88W	35
				31N	88W	2
RX 82	Evolving Gold Corp	883207	WMC-300471	32N	88W	35
				31N	88W	2
RX 83	Evolving Gold Corp	883208	WMC-300472	32N	88W	35
				31N	88W	2
RX 84	Evolving Gold Corp	883209	WMC-300473	32N	88W	35
				31N	88W	2
RX 85	Evolving Gold Corp	883210	WMC-300474	31N	88W	2
RX 86	Evolving Gold Corp	883211	WMC-300475	31N	88W	2
RX 87	Evolving Gold Corp	883212	WMC-300476	31N	88W	2
RX 88	Evolving Gold Corp	883213	WMC-300477	31N	88W	2

**Table 4-2: Rattlesnake Property State Leases**

Lease Number	Township	Range	Section(s)	Per Hectare Fee (US\$)	Annual Fee (US\$)
0-40861	32N	87W	16	4.94	1,280
0-40862	32N	87W	18	5.00	78
0-40848	31N	88W	36	4.94	1,280

**Table 4-3: State of Wyoming Royalties**

Adjusted Sales Value per Ton (short tons)	Royalty Percentage
US\$ 0.00 to US\$50.00	5%
US\$50.01 to US\$100.00	7%
US\$100.01 to US\$150	9%
US\$150.01 and up	10%

## 4.2 Agreements and Royalties

On 18 February 2010, EGC exercised its option to complete the acquisition of 100% of the Rattlesnake Hills Project by issuing 3,000,000 common shares to Golden Predator. Golden Predator shall retain a 0.5% net smelter royalty (NSR) on any future production from the Property. EGC had the right to buy back one-half (1/2) of the royalty representing one-quarter of one percent (0.25%) of the NSR for US\$375,000 before 2012.

EGC entered into a binding letter agreement with Bald Mountain Mining Corporation (BMMC), whereby BMMC will assign its entire interest in the underlying Option



Agreement between itself and Golden Predator dated December 11, 2007, to EGC. In consideration for this assignment, EGC completed the agreement with BMMC for US\$200,000 and 400,000 shares.

From the acquisition of all BMMC interest in Rattlesnake Hills, EGC is to pay an annual fee of US\$20,000 on June 1<sup>st</sup> of each year to David Miller (Miller), agent and legal representative of the original claim owners, whose address is 131 Davis Lane, Riverton, Wyoming 82501. Miller is the original owner of the 30 unpatented lode mining claims that were staked between 1985 and 1987. Miller has an approximately 4% production royalty on the net smelter returns for all gold and silver "products". Processing costs are deductible before the royalty is calculated so the gross royalty equivalent will be less than 4% by an amount dependent on the ratio between recovered grade and processing cost/ton.

On June 1st, 2011 EGC entered into definitive agreements with Agnico-Eagle Mines Limited and its operating subsidiaries (collectively "Agnico-Eagle" or "AE") with respect to the Company's Rattlesnake Hills project. EGC and Agnico-Eagle executed the definitive Joint Venture agreement, an Exploration Services agreement and a Subscription agreement on the terms of the non-binding Letter Agreement dated May 9, 2011. Under these agreements, Agnico-Eagle has the option to earn up to a 70% interest in the Rattlesnake Hills project over a seven year period. Requirements to earn the 70% interest include a total of US\$12 million in cash payments to EGC, the purchase of C\$23 million of the common shares of EVG, and exploration and development expenditures of US\$41 million. EGC is carried through to completion of a feasibility study. Agnico-Eagle is the manager of the joint venture exploration program.

The terms of the joint venture obligations and payments to EGC are as follows:

	2011	2012	2013	2014	2015	2016	2017
<i>In millions of dollars</i>	Earn 51%					Earn 70%	
<b>Cash Payments (US\$)</b>	<b>1</b>	<b>2</b>	<b>2.5</b>	<b>3</b>	<b>3.5</b>	-	-
Cumulative Cash Payments (US\$)	1	3	5.5	8.5	12	-	-
<b>EVG Share Purchases (C\$ from treasury)</b>	-	-	<b>2.5</b>	<b>3</b>	<b>3.5</b>	<b>7</b>	<b>7</b>
Cumulative Share Purchases (C\$)	-	-	2.5	5.5	9	16	23



<b>Work Commitment (US\$)</b>	<b>3</b>	<b>5</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>7</b>	<b>8</b>
Cumulative Work Commitment (US\$)	3	8	13	19	26	33	41
<b>Annual Total (Assumes US\$1=C\$1)</b>	<b>4</b>	<b>7</b>	<b>10</b>	<b>12</b>	<b>14</b>	<b>14</b>	<b>15</b>
Cumulative Total	4	11	21	33	47	61	76

### 4.3 Surface Rights

Surface rights of the area covered by unpatented lode mining claims at Rattlesnake are vested with the Bureau of Land Management (BLM), providing environmental permits are applied for and obtained from the BLM. Surface rights on Wyoming State lease lands are vested with the State of Wyoming. Surface access is in general not a problem on U.S. federal lands or Wyoming State-owned lands. Surface rights for future infrastructure can be leased from the BLM or State of Wyoming.

### 4.4 Environmental Permitting

Environmental permitting is required for advanced exploration activities such as trenching, road building and drilling. The appropriate permits must be applied for with the BLM and the Department of Environmental Quality of the State of Wyoming. Permitting for drilling is likely to take 2-3 months to obtain. No environmental liabilities exist other than reclamation of roads and drill pads.

Bonds for reclamation of roads and drill sites are commonly required by the BLM.

All permits required for exploration are in hand. Modifications of the existing permits will be required for certain distal targets. Additional permits will be required to support future mine development. No additional significant risks exist that may affect access, title or the right or ability to perform work on the property.



## **5.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY**

The Rattlesnake property lies 26 km from the paved WY State Highway 220. Access from Casper is made by driving west southwest on Highway 220 to UTM 328400E – 4712440N, Zone 13, NAD 27, where there is a turn-off junction with the Dry Creek road. A 26 km drive northerly along this well-maintained dirt road provides access to the claims. The southern portion of the property covers flatter terrain that contains a network of dirt roads, some of which are graded and accessible for two-wheeled drive vehicles. Some of the older cattle and drill roads can only be used by four-wheeled vehicles, but they would require very little work to be made fully serviceable. All parts of the claims are reachable by foot. Prospective drill sites can easily be made accessible by development of dirt roads across rolling terrain.

Central Wyoming has a continental, semi-arid climate with a low annual precipitation of <30 cm per year. Summers are hot and dry with temperatures often exceeding 25° C. Winter temperatures vary between 10 and -20° C. Snowfall is normally light, generally totaling <1 m. Exploration can be performed year-round, but January and February weather can make exploration challenging because of drifting and blowing snow and low temperatures.

Accommodations, equipment and provisions are readily available at the city of Casper (population of ~50,000 people) which lies 77 km from the property. Electrical power lines servicing ranches in the area are located along the Dry Creek Road and are adequate to provide power for exploration and possibly early development activities. At this time, it is not known if electrical power is adequate for mining purposes. Water flows for about six months of every year down Dry Creek which crosses the southern part of the property. Otherwise, there is very little surface water in the area. Water wells in the area are used by ranchers to access subsurface water for livestock. To date, no water rights have been obtained and sources of potable and process water have not been identified. Adequate water for exploration activities is available. Other local infrastructure includes telephone services. Whether or not those services are adequate to support mining is not known at this time. The exploration workforce is sourced from Casper, WY and nearby communities. The area has extensive coal mines with experienced surface miners. That workforce could be tapped for work on this project. Current mineral rights and surface areas are believed to be sufficient for eventual mine development scenarios.

Much of the Rattlesnake property straddles part of the northwest-southeast-trending Rattlesnake Hills. These are characterized by moderately rolling topography ranging between 6,700 and 8,000 feet (2,042–2,439 m) elevation.



The semi-desert vegetation is sparse, consisting of scattered low shrubs and bushes, including the Wyoming sage. A few juniper trees are present, especially on north-facing slopes.



## 6.0 HISTORY

Much of the information below comes directly from Ray (2008).

Evidence of early work includes 20 to 30 shallow prospect pits and two 3 to 6 meter-long shafts that are remnants of prospecting activities conducted in the early 1900s. No records have been found quantifying production, but given the size and scope of the disturbance, any production would have been negligible.

In the 1970s the American Copper and Nickel Company (ACNC) visited the property following reports by Pekarek (1974; 1978) that the Archean schists contained iron formations and some Cu-Au mineralization. ACNC's reconnaissance work identified 2.3 ppm (0.067 opt) and 3.8 ppm (0.111 opt) Au mineralization in surface geochemical samples. Evidently, additional work by ACNC was cut short when they found that Frontier Energy had already staked claims in the area.

In the early 1980s ACNC was apparently the first company to conduct a widespread exploration effort on the property. Geologic mapping, surface geochemistry, and geophysical surveys were completed in 1983 and 1984. ACNC negotiated a lease agreement with Frontier Energy and staked additional claims in the area in 1985. They continued exploration through 1987 by completing more geologic mapping, as well as some surface geochemical sampling and geophysical surveys. This was accompanied by drill programs in 1985, 1986, and 1987, and a total of 2,992 m in 32 reverse circulation (RC) drill holes were completed (MacLeod, 2003). Of this, 1,798 m of drilling was completed in 22 of the holes drilled to test Au mineralization in a rock unit described as a "siliceous exhalite horizon" or "oxide-facies ferruginous chert", along more than 5,000 feet of strike. This Archean horizon is located in the southern portion of the property and was referred to as the "Main Zone East and West" by ACNC.

The remaining 1,194 m of drilling involved 10 holes located in the area referred to as the "Northern Zone" by ACNC and "Antelope Basin" in reports written later by Newmont Exploration Ltd (NEL). Drilling in this area tested gold mineralization in and around a small Tertiary quartz monzodiorite plug. ACNC's work did not result in a resource estimate or development of a mine.

Canyon Resources (CR) acquired the property in 1992 and performed additional geologic mapping and surface rock chip sampling. CR then entered into a joint venture agreement with NEL in 1993.

Between 1993 and 1995, NEL completed extensive geologic mapping, soil, road cut and trench geochemical sampling, as well as some geophysical surveying and drilling.



The geophysical surveys included very low frequency (VLF), total field magnetic and ground radiometric (Th and K) surveys, although very few of those data are available.

Reconnaissance geochemical sampling identified the “North Stock” and the “Eureka Peak” areas as targets that had not been previously drill tested. In 1994 and 1995 NEL drilled both targets (MacLeod, 2003), focusing particularly on the North Stock area. Only 122 m of drilling in one drill hole (R95-RS-15) was completed in the Eureka Peak area. NEL’s report by Norby et. al. (1995) notes that the Eureka Peak area was a “geologic target” that lacked any anomalous gold values in the surface samples. No significant gold mineralization was intersected by drilling at Eureka Peak.

In the North Stock area (Figure 4-2), 3,263 m of core and RC drilling in 14 holes was completed. Of this, 416 m of core drilling was in the first two drill holes (RS-1 and RS-2) and 2,847 m of RC drilling was done in the remaining 12 holes. NEL excavated seven trenches across the “North Stock trend”, and two trenches in Antelope Basin (which was ACNC’s “Northern Zone”).

NEL sampled 11 road cuts along North Stock drill access roads. At the end of 1995, NEL terminated the joint venture agreement with CR, and at the end of 1997, CR released their interests in the property. NEL’s work did not result in a resource estimation or development of a mine.

In June of 2003, Bald Mountain Mining Co. (BMMC) leased 30 unpatented lode-mining claims from David Miller and Dick Fruchey of Riverton, Wyoming. At that time “hard copies” of the ACNC and Newmont data were provided to BMMC, along with two data tapes. Because the data tapes had been damaged, they were given to a Rapid City SD computer company so the electronic files could be “stripped” from the tapes and transferred to CD. The tapes contained AutoCAD drawings, prepared by NEL, of the surface geology and topography, but none of the drill hole data (surveys, assays and locations) was in electronic format. All those data were subsequently entered into MS Excel and MineSight files.

In 2003, all available geologic, geochemical, geophysical, and drill data gathered by ACNC and NEL were provided to Bald Mountain Mining Company. The drill hole and trench locations and geological maps were archived as AutoCAD maps and stored on tape. All assay, surface survey, and downhole survey data were entered to database files. These data were then reviewed and a summary report produced by MacLeod (2003).

EGC acquired the property in 2008. Since that time, EGC has completed surface geochemical studies, geological mapping, geophysical studies, exploration drilling, and preliminary metallurgical testing. Much of that work is ongoing.



## 7.0 GEOLOGICAL SETTING AND MINERALIZATION

The Rattlesnake Hills Gold Project currently contains two identified zones of significant gold mineralization: North Stock and Antelope Basin. North Stock is approximately 400 meters long by 150 meters wide and at least 400 meters deep. Gold mineralization within the North Stock zone is consistent and continuous above 0.24 gpt. Antelope Basin is approximately 200 meters long by 100 meters wide and 250 meters deep. Gold mineralization within the Antelope Basin zone is consistent and continuous above 0.24 gpt. Gold mineralization at both zones is correlative with hydrothermal alteration related to Eocene alkalic igneous intrusion into Precambrian metamorphic rocks. Geologic control of mineralization includes igneous contact zones, brecciated wall rock, fault zones, and fractures related to folding.

The Rattlesnake Hills Project is located within the Rattlesnake Hills Alkalic Intrusive (RAI) Complex, one of many alkalic centers occurring along the eastern margin of the Rocky Mountains from New Mexico to Canada. Alkalic settings are host to many multi-million-ounce gold deposits, including Cripple Creek (Colorado), Bald Mountain (South Dakota), and Golden Sunlight (Montana).

The geologic setting of the Rattlesnake Hills Project is presented below in sections describing the regional geology, local geology, and property geology. The regional geology focuses on the geology surrounding the RAI complex. The local geology focuses on the geology of the RAI complex. The property geology focuses on the geology of the relatively small portion of the RAI complex where EGC exploration efforts are focused.

### 7.1 Regional Geology

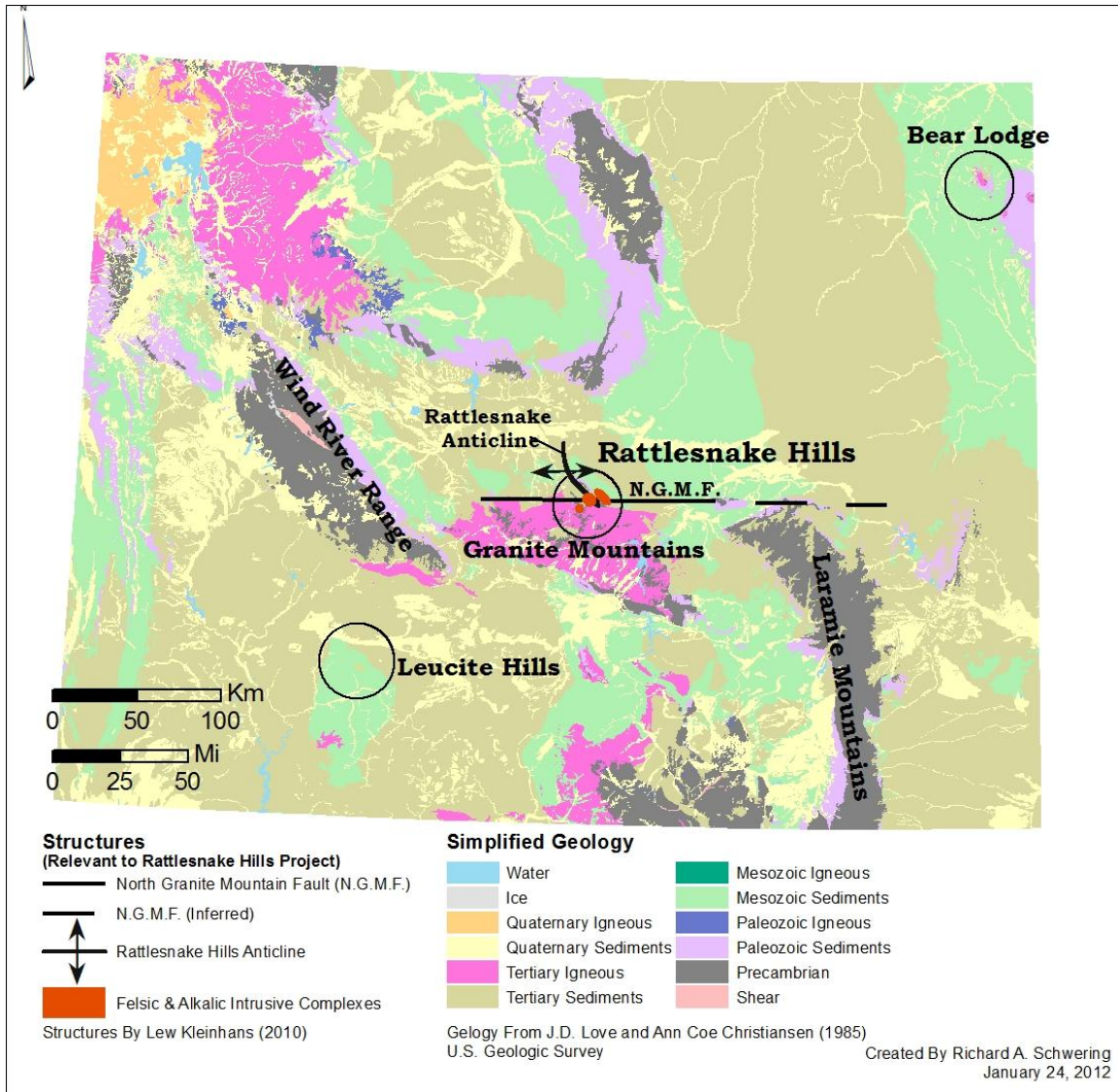
The Rattlesnake Hills of central Wyoming lie along the north-eastern edge of the Granite Mountains (Figure 7-1). Topographically, the Rattlesnake Hills result from the erosion of the northwest-plunging Rattlesnake Anticline, upon whose eroded surface volcanic debris was deposited in middle to late Eocene time. Archean rocks ranging from 3,200 Ma tonalite gneisses to 2,610 Ma granites comprise the Granite Mountains (Pekarek, 1977). Remnants of metavolcanic and metasedimentary rocks are scattered throughout the gneisses and granites. One of the largest of these remnants is exposed in the core of the northwest-trending Rattlesnake Anticline. The Rattlesnake Anticline is an asymmetric, relatively early Laramide compressional feature with a relatively steeply-dipping, thrust-associated, southwest limb, and gently-dipping northeast limb.



The Archean pendant in the core of the Rattlesnake Anticline consists of meta-volcanic and meta-sedimentary rocks originally deposited in a backarc basin environment. The older and stratigraphically lower rock units include mica schists and cherts that represent sediments probably deposited in a tectonically quiet, shallow-water basin. The schists are overlain by meta-basalts that formed in an island arc environment. The entire Archean metamorphic rock package is folded and metamorphosed to amphibolite (staurolite) facies grade.

Phanerozoic sedimentary rocks, ranging in age from Cambrian to Tertiary, unconformably overlie the peneplained Archean basement. These are best exposed on the northeast flank of the Rattlesnake Anticline where they overlie the Precambrian core and generally dip north-easterly. The Paleozoic and Mesozoic sedimentary rocks along the northern end of the Rattlesnake Hills form part of the southern margin of the Wind River Basin. Tertiary sedimentary rocks unconformably overlie all the older units, including the Archean metamorphic, Paleozoic, and Mesozoic sedimentary rocks (Pekarek, 1977).

**Figure 7-1: Regional Geological Map**



During the Eocene, Archean rocks in the Rattlesnake Hills were intruded by the RAI complex. The location of the approximately 125 km<sup>2</sup> complex is a key control on Au mineralization at Rattlesnake Hills and is analogous to other gold-bearing alkalic systems such as Zortman–Landusky and Golden Sunlight in Montana; Bald Mountain in South Dakota; and Cripple Creek in Colorado. The RAI complex is located at the intersection of three prominent regional structures:



- 1) the east-striking North Granite Mountain (NGM) fault, which bounds the Sweetwater Arch on its northern side;
- 2) the northeast-trending Belle Fourche Lineament (BFL), the projection of which links the RAI complex with the Leucite Hills and Bear Lodge Mountain alkalic complexes in south-western and north-eastern Wyoming, respectively; and
- 3) the northwest-trending Rattlesnake Hills Anticline.

The NGM fault and BFL are related to deep-seated basement structures with multiple episodes of movement. The NGM fault has been interpreted as a late Laramide reactivation of a sub-vertical Proterozoic zone of weakness that extends from the northern Laramie Mountains to the southern Wind River Range (Love, 1970; Bayley and others, 1973; Peterman and Hildreth, 1978). The BFL has been interpreted as a periodically reactivated basement shear zone of Precambrian age analogous to the Mullen Creek–Nash Fork shear zone of southeast Wyoming (Slack, 1981).

## 7.2 Local Geology

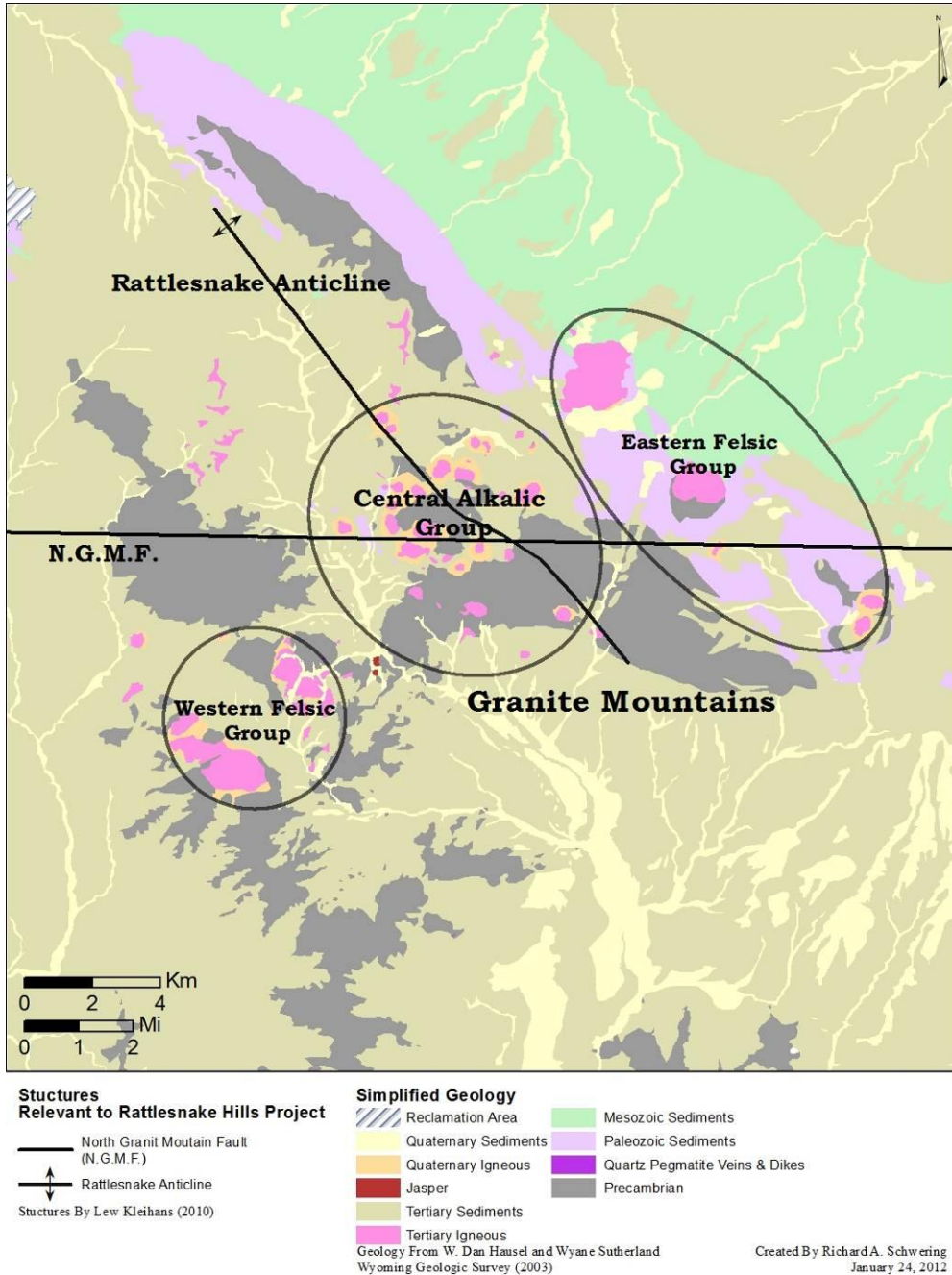
In this report, local geology refers to the area occupied by the Rattlesnake Hills Alkalic Intrusive (RAI) complex (Figure 7-2). The complex consists of approximately 50 mid-Tertiary (~44 m.y.; Pekarek et. al., 1974) alkalic and felsic stocks, domes, and dikes, as well as coeval pyroclastic, volcanoclastic, flow, and diatreme breccia facies rocks scattered over a roughly ten by fifteen mile area. Near the southern end of the RAI complex, the east-striking NGM fault separates an Archean greenstone sequence on the north in the core of the Rattlesnake Anticline from Archean granite-gneiss to the south. The NGM fault truncated the Rattlesnake Hills anticline during the earliest Eocene. Emplacement of the RAI complex postdates initial uplift of the NGM fault. This was followed by a reversal of slip along the NGM fault and the downward displacement of the Granite Mountains structural block in the late Tertiary (Rachou, 1951; Love, 1970).

Intrusive rocks of the RAI complex are divided by Hoch and Frost (1993) into three distinct groups: central alkalic group, eastern felsic group, and western felsic group. The central alkalic group, which hosts most of the currently known mineralization, is located near the axis of the Rattlesnake anticline and consists of phonolite, trachyte, and latite intrusions. The eastern felsic group, which lies on the northeast limb of the Rattlesnake anticline, includes less alkali-rich quartz latites and rhyolites. The western felsic group, which lies in the southwest part of the complex adjacent and south of the North Granite Mountain (NGM) fault zone, is mineralogically and chemically similar to the eastern felsic group, but texturally different (relatively finer-grained and more crowded with phenocrysts). The eastern and western felsic groups symmetrically



surround the central alkalic group in an alignment that appears to parallel the BFL. Magma emplacement post-dated Laramide folding, but predated the last displacement along the NGM fault.

**Figure 7-2: Local Geological Setting**





### 7.3 Property Geology

Precambrian basement rocks, with some Eocene intrusive and lesser extrusive units of the Rattlesnake Hills Alkalic Complex, are the dominant rock units on the property (Figure 7-3). The Eocene tuffs related to this alkalic event locally blanket the Archean basement, and form part of the Wagon Bed Formation.

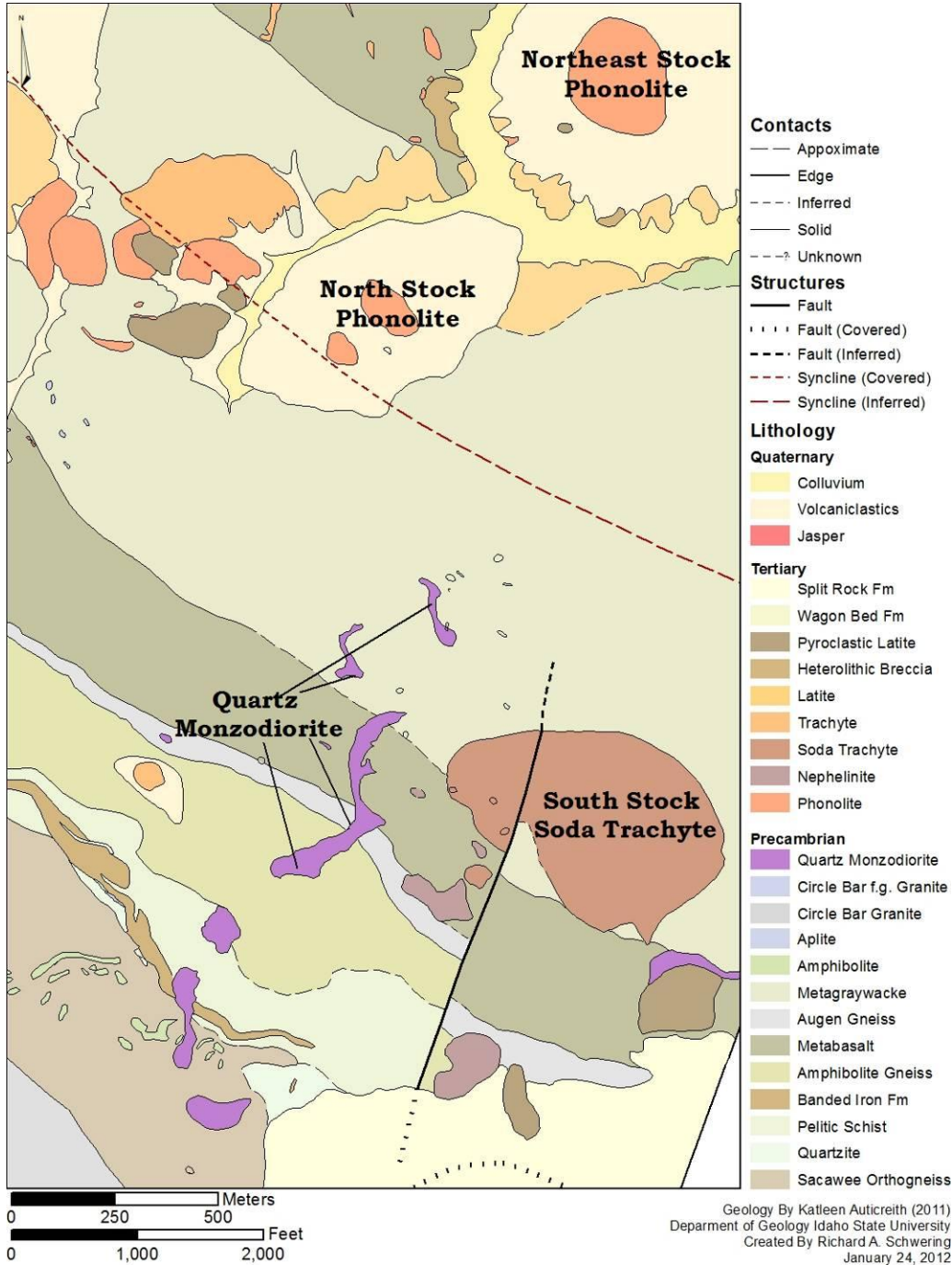
Miocene lacustrine and fluvial sedimentary rocks of the Split Rock Formation unconformably overlie the Archean within the property boundaries and form flat-lying erosional remnants at lower level in the southern part of the claims.

On the property, the roughly east-west-oriented NGM fault separates the Archean greenstone sequence on the north from Archean granite-gneiss to the south. The greenstone belt consists of repeated layers of sediment, meta-intrusion, pillow basalt, and auriferous ferruginous chert breccia to iron formation. Archean stratigraphy is essentially parallel to metamorphic foliation and trends west on the east side of the property, and northwest on the central and western part of the property, suggesting a north-trending fold axis traversing the east-central portion of the property.

A prominent northeast-trending grain traverses the northern part of property in the North Stock area. This feature is defined by a trend of volcanoclastic rock, phonolite stocks (North and Northeast Stocks), fault contacts, and drainage linears. North Stock high-grade mineralization appears to be controlled by this trend. Northwest-trending structures form the margins of Tertiary rock units in several locations including the North Stock volcanoclastic section on the southwest flank and a series of trachyte plugs on the northwest flank of North Stock.

Eocene trachyte, phonolite, and quartz monzodiorite stocks and dikes intrude the greenstone sequence. Cross cutting relationships indicate the quartz monzodiorite intruded first in this series, and likely crystallized in the subsurface. It may be related to the compositionally similar latite and latite porphyry extrusive rocks found in vicinity of North Stock. Within the core of the Rattlesnake uplift around North Stock, pre-volcanic Eocene sedimentary rocks, overlying Eocene latitic, volcanoclastic/pyroclastic and possible flow rocks, and younger, partly cross-cutting diatreme breccias are preferentially preserved with a thickness of at least 500 m (drill hole RSC-014). Large phonolite intrusions such as North Stock and Northeast stock are oval in plan but tapered at depth (from drilling evidence). South Stock appears to have formed from multiple stages of intrusion and shows a mushrooming shape upward from narrow feeders. Unconformably overlying the Archean both within and outside the claims are Miocene lacustrine and fluvial sediments of the Split Rock Formation.

**Figure 7-3: Property Geology**





Major and minor rock unit types recognized within the project area either at the surface or in the subsurface are summarized in Table 7-1. Lithologic designations (e.g., COL, SED1, PYRO2, QMONZ) and the distinction between major and minor lithologies reflect conventions employed in the computer logging process designed to accommodate both geologic and engineering needs.

**Table 7-1: Major and Minor Lithologic Units – Rattlesnake Hills Project Area, Natrona Co. Wyoming. April, 2010**

Major Lithology	Description	Minor Lithology	Description
COL (Colluvium)	generally unconsolidated material at top of hole		
SED (Sedimentary Rocks)	SED1, SED2a, SED2b, SED3	SED3	generally unconsolidated stratified sediments preserved at top of holes; older than slope wash (COL)
		SED2b	subaqueous lacustrine deposits; evidence of maar
		SED2a	syn-eruptive volcanoclastic rock excluding SED2b
		SED1	non-tuffaceous, fluvial, interfluvial , and alluvial fan facies overlying basal unconformity; typically red-beds; grades upwards into PYRO1
PYRO (Pyroclastic Rocks)	PYRO1, PYRO2, PYRO3	PYRO3	“recent” ( $\leq 1$ m.y.?), unconsolidated pyroclastic deposits exposed in the second easternmost North Stock pad of 2009 drill season (unused at that time)
		PYRO2	FPORfm dominated; uppermost manifestation of FPORfm; stratigraphically above PYRO1
		PYRO1	earliest pyroclastic package; frequently associated with and/or includes some syn-eruptive volcanoclastic rock (SED2a); grades upwards from non-tuffaceous SED1
PHON (Phonolite)	intrusive equivalent of North and Northeast Stock “phonolites”; includes aphanitic equivalents of “phonolitic” lithologies, e.g., on west flank of North Stock		

<b>Major Lithology</b>	<b>Description</b>	<b>Minor Lithology</b>	<b>Description</b>
NaTRACH (Soda Trachyte)	intrusive equivalents(?) of South Stock "soda trachyte" in RSC-025, 051, and 045(?)		
FPOR (Feldspar Porphyry)	FPORfm, FPORmc	FPORfm	relatively fine-grained (fine-to medium-grained) feldspar porphyry dikes, hypabyssal intrusive and possible extrusive rocks predominantly E and SE of North Stock
		FPORmc	relatively coarser- grained (medium- to coarse-grained) feldspar porphyry dikes generally between Antelope Basin and North Stock (RSC-027, 45, 50, 61, 63, 65); may include some Na-TRACH or PHON
QMOND (Quartz Monzodiorite)	quartz monzodiorite intrusion of Antelope Basin and as clasts at North Stock in drill hole RSC-026, 028, 034, 039, 061, 090		
MIBX (Monolithic Igneous Breccia)	MFPORfmBx, MFPORmcBX, MQMONZBX	MFPORfmBX	monolithic breccias comprising fine- to medium-grained feldspar porphyry (FPORfm) clasts predominantly E and SE of North Stock
		MFPORmcBX	monolithic breccias comprising medium- to coarse-grained feldspar porphyry (FPORfm) clasts as near the base of RSC-027
		MQMONZBX	monolithic breccias comprising quartz monzodiorite (QMONZ) clasts
MSCHBX (Monolithic Schist Breccia)	monolithic breccias comprising schist clasts		
HBREC (Heterolithic Breccia)	HIMBX, HIBX	HIMBX	heterolithic igneous and metamorphic breccia
		HIBX	heterolithic igneous breccias
SCH (Schist)	Archean meta-pelites, sandstones, tuffaceous sediments, intrusive rocks		

## 7.4 Structural Geology

The structural-geological history of the project area and its relationship to the hydrothermal mineralization are poorly understood. Archean mineralization is hosted



along and within metamorphic foliation. Tertiary foliation appears to be controlled along at least two orientations, roughly sub-parallel to metamorphic foliation (east-west) and north-south.

Metamorphic foliation of the Archean basement rocks appears to exert the dominant control over Tertiary intrusion and hydrothermal fluid flow. Orientation of foliation is dominantly east-west on the east side of the property and northwest-southeast on the western part of the property. This control is observed along the mineralized southern margin of the North Stock diatreme and in the modeled orientation of porphyry dikes hosted by the Archean basement intercepted by drill core. In addition, the calculated orientation of major fold axes is essentially sub-parallel to foliation as is rock cleavage associated with the folding.

There appears to be a series of sub-parallel structures of uncertain affinity oriented roughly north-south, as reflected in several drainages that run counter to the dominant east-west foliation. This is coincident with the access road into the property and which may connect mineralization and alteration at North Stock, Antelope Basin, and along the west side of South Stock. The same feature also seems to have resulted in the right lateral offset of Archean stratigraphy immediately southwest of South Stock and may focus intrusion of several porphyry bodies and the quartz monzodiorite of Antelope Basin.

The intersection of these north-south and more east-west structures appears to channel alteration and mineralization, thus are regarded as favorable targets for exploration.

## 7.5 Hydrothermal Alteration

Four volumetrically major and six minor alteration types are recognized in drill core from the Rattlesnake Hills Project. Major alteration assemblages in relative order of abundance include carbonate, potassic, clay, and Fe/Mn oxide-hydroxide (FEOH) alterations. Subordinate alteration assemblages include late silica/chalcedony, sericitization, actinolite-riebeckite-magnetite, roscoelite, talc, epidote-hematite, and browning (phlogopite replacement or Mg enrichment of biotite schist). Alteration paragenesis is complex with overlapping styles confirming system complexity and multiple events. A preliminary paragenetic alteration sequence is as follows:

- 1) epidote-hematite, talc, and other calc-silicates (garnet, pyroxene);
- 2) potassic (adularia veinlets +/- adularia replacement selvages);
- 3) overlapping carbonate (dolomite) and adularia veinlets with phlogopite selvages, clay, roscoelite, and sericite;



- 4) chalcedony and silica, late carbonate (calcite and strontianite);
- 5) actinolite-riebeckite-magnetite;
- 6) FEOH, clay, and anhydrite.

### 7.5.1 Major Alteration Types

#### ***Carbonate Alteration***

Carbonate alteration is the most pervasive hypogene alteration assemblage on the Rattlesnake property, common to both the North Stock and Antelope Basin areas. Carbonate alteration occurs both as veins/veinlets, and as disseminated replacement of previous mineral sites and/or matrix/groundmass. Within the surface oxide zone carbonate minerals are variably absent, possibly due to dissolution by acid generated by oxidized sulfides. Carbonate mineral phases include dolomite and Fe-dolomite, Mn-carbonate, rhodochrosite, calcite and Fe-calcite, strontianite, siderite, and ankerite. Visible gold, where observed, appears to follow the deposition of ferroan calcite rims on dolomite rhombs.

#### ***Potassic Alteration***

Potassic alteration also shows a clear spatial association with gold mineralization and occurs as vein and replacement styles. Veinlet styles include: 1) Adularia veinlets with adularia + chlorite selvages, and 2) rare biotite/phlogopite ± magnetite veinlets. Replacement styles include: 1) pervasive adularia + chlorite and/or Fe-illite and/or sericite; and 2) phlogopite.

Pervasive alteration appears to occur as 'ground preparation' of the Archean basement and is a visual cue that drill core is approaching higher intensity hydrothermal activity. Hand specimen relationships, petrography, and SEM indicate pervasive alteration to be spatially and genetically associated with hairline adularia ± sericite ± pyrite veinlets. Some of the thickest of these veinlets are present with pervasive "green" alteration at the base of holes RSC-006 and -007, where grades up to 7 g/t Au are present. SEM and QEMSCAN demonstrate sulfides in these veins to be As-rich with native gold occurring as electrum.

Pervasive alteration of Tertiary igneous rocks occurs as adularia +/- sericite replacement of phenocrysts and groundmass. The result is an igneous rock that is very hard, translucent, and frequently characterized by disseminated pyrite and leached mineral sites.



Biotite–phlogopite ± magnetite veinlets and replacement are rare and have only been observed in the North Stock area.

### ***Clay Alteration***

Clay alteration is not pervasive at Rattlesnake Hills, but rather occurs in close proximity to mineralized zones. Clay alteration is most easily recognized by its softness and color. At North Stock, both hypogene and supergene clay alterations are present. Clay species have not been verified. Possible local pyrophyllite and halloysite have also been observed. Soft, whitish, schist-hosted hypogene clay alteration is spatially associated with high-grade adularia-carbonate-silica-gold vein mineralization at North Stock (e.g., drill hole RSC-020).

### ***FEOH Alteration***

“FEOH”, as approximately used by DePangher (1994), who performed petrographic examination on North Stock drill core for Newmont, largely refers to all yellow, orange, brown, reddish-, and blackish-altered rock, and comprises largely jarosite, Fe oxy-hydroxides, and Mn oxy-hydroxides. It is present at both North Stock and Antelope Basin, and as its distribution is largely coincident with that of clay alteration, it is likely the product of both supergene and hypogene processes. Likely mineral phases include jarosite, limonite, goethite, hematite, pyrolucite, specular hematite or specularite. Anhydrite veins and cement are spatially associated with FEOH alteration in the North Stock area, especially in the upper oxidized parts of breccia intervals.

## **7.5.2 Minor Alteration Types**

### ***Silica Alteration***

Silica alteration is generally rare within the main North Stock and Antelope Basin areas. Where observed, it occurs as late chalcedonic and drusy quartz vug filling, and/or late amethyst veins. Elsewhere on the property, quartz is frequently observed in foliation in the Archean basement, in association with the exhalative horizons to the south, as vein stockwork with specular hematite on the NGM fault, and as jasperoid replacement of Tertiary lacustrine limestone and shale.

### ***Sericitization***

Sericitization is a rare alteration style that sometimes affects the typically black Archean schist at North Stock and Antelope basin, typically turning the rock whitish or tan color and hard. It has been observed locally as a selvage to potassic veins in the



Antelope Basin area, and as an alteration of some schist clasts in North Stock breccias.

#### ***Roscoelite***

Roscoelite, a vanadium-bearing mica, has been observed as both a vein gangue and replacement mineral phase in quartz monzodiorite of Antelope Basin and monolithic schist breccia around South Stock. Geological logging suggests an association of gold with roscoelite, which would be similar to what is observed at the alkalic gold deposit at Porgera (Richards and Kerrick (1993).

#### ***Talc***

Soft, dark-green talc alteration of schist occurs as a clast rim replacement phase in monolithic schist breccia at North Stock, and as a vein selvage replacement phase at Antelope Basin. It is spatially associated with pervasive potassic green alteration and local bleaching of the schist at North Stock, and spatially associated with riebeckite + actinolite + magnetite veining at Antelope Basin. Talc geochemistry is consistent with dolomite and magnesium calcite occurring throughout the project area.

#### ***Epidote***

Local epidote ± hematite ± calcite alteration occurs as veins and/or replacement of schist and is present across the property. It has not been linked definitively to the Tertiary events and may be significantly older.

#### ***Browning***

A subtle “browning” of otherwise black schist has been observed in some of the cores from the Project area. This may be due to a depletion of Fe and relative enrichment of Mg in biotite producing phlogopite within the schist and is believed by EGC to be hypogene alteration.

### **7.5.3 Discussion**

Variable intrusion types and characteristics, coupled with alteration and mineralization patterns, indicate known gold occurrences at Rattlesnake are associated with porphyry driven epi- and meso-thermal mineralization styles, with the potential for porphyry gold mineralization at depth. Although the precise ages of intrusive bodies within the Project area are currently unknown, textures, cross-cutting relations, inclusions, and alteration/mineralization patterns indicate a multi-stage, complex paragenetic history



that support the presence of multiple porphyry targets underneath, adjacent to, and outboard of the general North Stock area.

## **7.6 Mineralization**

Rattlesnake Hills mineralization types include:

1. Archean massive sulfide predominantly south and west of South Stock;
2. Quartz monzodiorite-hosted veinlet mineralization in the Antelope Basin area;
3. Adularia + sulfide veinlet mineralization at the North Stock area;
4. Late, higher-grade, carbonate-associated vein/breccia cement mineralization on the southeast side of North Stock and
5. Porphyry-hosted disseminated and stockwork sulfide mineralization.

The most important mineralization styles at the Rattlesnake Hills property are located in the North Stock and Antelope Basin areas. Although mineralization styles at Antelope Basin and North Stock are likely related based on alteration and mineralization character, a confident physical link has yet to be discovered, and therefore the paragenesis between the two is uncertain. Both areas show supergene alteration and probable enrichment of gold.

### **7.6.1 Archean – Type 1 Mineralization**

The earliest gold-bearing rocks are massive sulfides within the mixed meta-volcanic–metasedimentary Archean sequence exposed south to northwest of South Stock. They attain a thickness of ~1-5 meters and are traceable along strike as far as ~2,000 meters. Drilling demonstrates multiple horizons of massive sulfide with associated calc-silicate (garnet-pyroxene) alteration. Possibly related, massive pyrite (sulfide exhalite facies?) is reportedly associated with an exhalite horizon in the UT Creek area (Ray, 1988).

### **7.6.2 Antelope Basin – Type 2 Mineralization**

Mineralization in the Antelope Basin area is hosted in quartz monzodiorite and the surrounding schist wall rock. Drilling results demonstrate the presence of gold in samples from surface to approximately 200 m below surface, generally oriented south-southwest, similar to the trend of quartz monzodiorite surface exposures. The source of the gold is presently uncertain.



Gold mineralization is vein-hosted and associated with a mixture of adularia, carbonate, pyrite, arsenopyrite, and roscoelite gangue. SEM/QEMSCAN work identified electrum, native silver, and lead associated with pyrite crystal grain margins, and local tellurium encapsulated in pyrite. Local visible gold is present within the matrix and/or cement of an oxidized monolithic quartz monzodiorite crackle breccia (RSC-042, 185 m). Laser Ablation Mass Spectrometry studies demonstrated that gold is not associated with actinolite-riebeckite-magnetite veins.

### **7.6.3 North Stock Area – Type 3 Mineralization**

Mineralization at North Stock consists of a northeast-southwest-trending, structurally-controlled, tabular body extending from surface to over 300 m depth. Gold is hosted predominantly in hanging wall diatreme breccias in the upper part of the system, and footwall Archean schist country rock in the lower part.

Gold mineralization hosted by the deeper footwall Archean schist is associated with Adularia + pyrite ± sericite veinlets. Hand specimen relationships, petrography, and SEM indicate these veins to be spatially and genetically associated with pervasive “green” potassic alteration. Gold hosted by these veins occurs as high as 7 g/t. The sulfides in these veins commonly show As-rich rims with gold occurring as electrum. This style of mineralization is believed to be transitional to “Porphyry-style” Type 5 mineralization at depth.

### **7.6.4 North Stock Area – Type 4 Mineralization**

Carbonate-associated gold mineralization in the upper hanging wall diatreme breccias at North Stock contain the highest grade gold mineralization found to date. This contact is interpreted as a structurally controlled and modified southeast wall of a diatreme into which the North Stock phonolite was subsequently emplaced.

Petrographic and SEM/QEMSCAN analyses indicate that gold is present as electrum at approximately 1:1 Au:Ag ratio, and/or encapsulated in marcasite, pyrite, and rare silver sulfosalts and sulfides. The highest gold grades are hosted in veinlet, fracture fill, and/or breccia cement associated with early adularia and dolomite, subsequently rimmed with ferroan calcite.

Gangue minerals include: carbonate, including ferroan hydrothermal dolomite, ferroan calcite, calcite and local ankerite/siderite; disseminated iron sulfides including multiple phases of both pyrite and marcasite (Ridley, pers. comm.; 2010); arsenian pyrite and/or arsenopyrite; silica; and local fluorite, anhydrite/gypsum, barite, and possible roscoelite.



### **7.6.5 Porphyry-style – Type 5 Mineralization**

Disseminated and stockwork sulfide mineralization associated with alkalic porphyry dike swarms and other intrusions (possible sills) south and east of North Stock form a poorly understood type of mineralization that has been encountered in some drill holes and in surface exposures. Gold mineralization and associated alteration is hosted by stockwork adularia-dolomite-sulfide veinlets and disseminated sulfides both inside the dikes and in contact zones. Na-trachyte porphyry dikes appear to better host gold mineralization and associated adularia flooding than latite porphyry. Disseminated sulfides consist of pyrite with minor chalcopyrite.



## 8.0 DEPOSIT TYPES

### 8.1 Characteristics of the Rattlesnake Mineralization

The current focus of exploration on the property is gold mineralization spatially associated with the Eocene-age Rattlesnake Hills Alkalic Intrusive (RAI) Complex. This precious metal mineralization exhibits the following characteristics:

- Gold is hosted by Eocene alkalic breccias and Archean schist wallrock breccias, products of very near-surface explosive diatremes accompanying emplacement of trachytic to phonolitic plugs and small stocks.
- Gold is also hosted by Eocene alkalic dikes and plugs and locally Archean schist.
- Gold is generally micrometer size and associated with fine-grained pyrite and arsenopyrite. Visible gold as large as 3 mm in diameter has been observed.

Alteration is mainly marked by extensive and pervasive fine-grained, sugary textured K-feldspar (adularia), with carbonate (ankerite to calcite) veinlets and replacements. Silica veinlets are uncommon. The pervasive adularia varies in color from pale pink to brown to glassy and, in extreme cases has completely replaced primary minerals in the Eocene intrusions and Pre-Cambrian schist. Rare occurrences of the green vanadium-bearing mica roscoelite are also reported.

Mineralization and pervasive alteration appears to be controlled by the presence of diatreme breccia host rocks as well as brittle fractures. Some of the latter appear to be curvilinear and these may represent ring structures or gravity-settling features related to the Eocene intrusive-explosive event.

Silver values are generally low with the Au:Ag ratio being in the order of 1:1.

Gold mineralization is associated with anomalous arsenic. There is a general lack of significant base metal mineralization.

### 8.2 Deposit Model

This deposit model description is based largely on the summary work by Schroeter and Cameron (1996) and Jensen and Barton (2000). The associated host rocks and hydrothermal alteration at the Rattlesnake property indicate the mineralization represents “alkalic intrusion-related gold”, similar to that found at the Cripple Creek Au camp in Colorado, USA (Koschmann, 1949; Pontius, 1992; Vardiman et al., 2005).



Other examples of this type include the Zortman-Landusky, and Montana Tunnels deposits (Montana, USA), and Golden Reward (South Dakota, USA). Some authors consider this deposit type to be a subset of the low-sulfidation epithermal suite of precious metal deposits. Although Cripple Creek and Rattlesnake mineralization occur in a continental rift setting, related deposit types are present in oceanic arc settings and include those at the Emperor (Fiji), Porgera and Ladolam (Papua New Guinea) mines (Anderson and Eaton, 1990; Richards and Kerrick (1993).

These deposits occur in structural zones and stockworks within alkalic intrusions, as well as (like Rattlesnake and Cripple Creek) disseminated pyritic and potassic altered zones in, or adjacent to, alkalic intrusions, diatremes, coeval volcanic rocks, and their surrounding country rocks. Argillic alteration,  $\pm$  silicification, carbonatization, and barite and fluorite veins are locally common.

These deposits are associated with alkalic intrusive rocks, commonly developed in sedimentary cover rocks above continental crust, generally related to extensional faulting or transcurrent “pull-apart” structures. Tertiary examples in the USA are related to continental rifting such as the Rio Grande rift for Cripple Creek, and the Great Falls tectonic zone for the Montana deposits.

The geological setting of these deposits includes diatreme-intrusive complexes, high-level alkalic plugs and dikes, particularly where they intrude Proterozoic to Tertiary continental clastic and carbonate rocks. The Cripple Creek deposits formed within part of a large maar diatreme complex. Associated rock types include alkali feldspar syenite, feldspathoid-bearing syenite with nepheline, leucite, nosean, analcite, and related diatreme breccias with a 10-100% intrusive component (Vardiman et al., 2005).

Gold deposits may be in the form of sheeted veins in structural zones within intrusions (e.g. Zortman and Cripple Creek) with dimensions of 50 to 100 meters in width and hundreds of meters in length. Less commonly, they occur as large, disseminated, diffuse zones within diatremes or volcanic rocks, or can be stratabound within favorable sedimentary lithologies.

The principal ore minerals include fine-grained (auriferous, arsenical) pyrite, arsenopyrite, galena, sphalerite, and gold tellurides with subordinate chalcopyrite, magnetite, gold, bismuth and tellurium minerals. Gangue includes quartz, calcite, adularia, barite, and fluorite. Alteration mineralogy comprises widespread pyrite, carbonate and K-feldspar alteration of intrusive rocks, as well as local silicic, albitic, and argillic (illite, sericite, jarosite, roscoelite) overprinting of the wallrocks. Weathering oxidation can result in jarosite, hematite and possibly hydrozincite. In restricted environments, minor acid alteration (quartz-dickite) can develop as well as some supergene alunite.



Geochemically, this mineralization may be marked by elevated Au, Ag, As, Sb, Pb, Zn, F, Ba, V, Te, and Bi grades.

The mineralization is often controlled by structural zones within or proximal to the alkalic intrusions. It may also be controlled by permeable units, such as sandstones, tuffs or explosive breccias, and by chemically favorable beds including impure carbonates or bedding contacts. Diatreme breccias are particularly favorable as permeable hosts for focusing the flow of fluids and volatiles.

The typical grade and tonnage of these deposits can be highly variable from very low mineable grades (e.g. 0.53 g/t Au at Zortman) to very high bonanza grades (e.g. 126 g/t Au at the Cresson Vug, Cripple Creek). Total recovered gold from the Cripple Creek District exceeds 600 t (Schroeter and Cameron, 1996).



## **9.0 EXPLORATION**

### **9.1 Geological Mapping**

Some geological mapping was completed on the property in the 1980s and 1990s by ACNC and NEL (MacLeod, 2003) and then in 1996 by the Wyoming Geological Survey (Hausel, 1996). EGC contracted Master's Candidate Kathleen Autenrieth (Idaho State University) to map the claim block in 2010-2011 at 1:12,000 scale. Figure 7-3 shows the results of surface mapping to date.

### **9.2 Surface Rock Chip Sampling**

MacLeod (2003) reports that ACNC and NEL collected a number of rock chip samples from surface outcrops and road cuts. Because locations and assays cannot be verified, use of this data has been restricted to general guidance for exploration.

From 2008 through 2010, EGC personnel collected 2,273 surface rock-chip samples in Rattlesnake Hills, WY from outcrops, road cuts, and drill pad walls over an area of 220 km<sup>2</sup>. Rock chip sampling was conducted by availability of outcrop, which tend to occur dominantly on ridgelines. Surface sampling focused around areas of known mineralization at North Stock and Antelope Basin, with less dense sampling further afield. Surface rock-chip samples provide preliminary reconnaissance of the property, identify new targets, and help determine protocols for future sampling.

Samples were transported from the Rattlesnake Hills to core facilities in Longmont, CO; then shipped to SGS Mineral Services in Elko, NV, for processing and analysis. These rock-chip samples were analyzed for Au (fire assay) and a suite of 33 trace elements. Prepared samples were digested using aqua-regia and then analyzed using ICP-AES (atomic emission spectra) for 33 trace elements, listed with detection limits in Table 9-1.

In 2011, EGC and AE personnel collected 287 surface rock-chip samples, 23 stream sediment samples, and 1,279 soil samples on the property, across the claim block and surrounding areas. Rock-chip and stream sediment samples focused on prospecting with the goal of identifying new drill targets. Soil samples were taken as a reconnaissance survey over known targets and to generate new targets closer to the core area. Samples were transported from the Rattlesnake Hills to core facilities in Longmont, CO; then shipped to American Assay Labs in Elko, NV, for processing and analysis. The rock-chip samples were analyzed for Au (fire assay) and a suite of 65 trace elements. Prepared samples were digested using two acids (HNO<sub>3</sub> +HCl), then analyzed using ICP for 65 trace elements, listed with detection limits in Table 9-1. Soil



samples were analyzed for Au (fire assay) and a suite of 71 trace elements. Prepared samples were digested using two acids (HNO<sub>3</sub> + HCl), then the resultant solution was analyzed using ICP for 71 trace elements, listed with detection limits in Table 9-2.

**Table 9-1: Rock Chip Geochemistry Element Suite with Detection Limits**

**SGS Minerals - ICP14B**

Element	Detection Limits	Element	Detection Limits
Ag	2ppm - 10ppm	Mn	2 ppm - 1%
Al	0.01% - 15%	Mo	1ppm -1%
As	3ppm - 1%	Na	0.01% - 15%
Ba	5ppm - 1%	Ni	1ppm - 1%
Be	0.5ppm - 0.25%	P	0.01% - 15%
Bi	5ppm - 1%	Pb	2ppm - 1%
Ca	0.01% - 15%	S	0.01% - 5%
Cd	1ppm - 1%	Sb	5ppm - 1%
Cr	1ppm - 1%	Sc	0.5ppm - 1%
Co	0.5ppm - 1%	Sn	10ppm - 1%
Cu	0.5ppm - 1%	Sr	0.5ppm - 1%
Fe	0.01% - 15%	Ti	0.01% - 15%
Hg	1ppm - 1%	V	1ppm - 1%
K	0.01% 15%	W	10ppm - 1%
La	0.5ppm - 1%	Y	0.5ppm - 1%
Li	1ppm - 1%	Zn	1ppm - 1%
Mg	0.01% - 15%	Zr	0.5ppm - 1%

**American Assay Labs ICP-2A**

Element	Lower Detection Limit	Element	Lower Detection Limit
Ag	0.1ppm	Nb	2ppm
Al	5ppm	Nd	1ppm
As	1ppm	Ni	1ppm
B	3ppm	Os	5ppm
Ba	1ppm	P	5ppm
Be	0.02ppm	Pb	2ppm
Bi	1ppm	Pd	5ppm
Ca	10ppm	Pr	1ppm
Cd	0.2ppm	Pt	5ppm
Ce	1ppm	Rb	5ppm
Co	1ppm	Re	5ppm



Cr	1ppm	Rh	10ppm
Cu	1ppm	Ru	10ppm
Dy	1ppm	S	20ppm

Fe	10ppm	Se	1ppm
Ga	2ppm	Si	100ppm
Gd	1ppm	Sm	1ppm
Ge	2ppm	Sn	1ppm
Hf	2ppm	Sr	1ppm
Hg	0.2ppm	Ta	5ppm
Ho	0.5ppm	Tb	0.1ppm
In	1ppm	Te	5ppm
Ir	5ppm	Tl	3ppm
K	20ppm	Tm	1ppm
La	1ppm	U	3ppm
Li	1ppm	V	3ppm
Lu	1ppm	W	1ppm
Mg	10ppm	Y	1ppm
Mn	1ppm	Yb	1ppm
Mo	1ppm	Zn	1ppm
Na	10ppm	Zr	1ppm

**Table 9-2: Soil Survey Geochemistry Element Suite with Lower Detection Limits**

**American Assay Labs ICP-2A-UT**

<b>Element</b>	<b>Lower Detection Limit</b>	<b>Element</b>	<b>Lower Detection Limit</b>
Ag	0.02ppm	Na	1ppm
Al	1ppm	Nb	0.1ppm
As	0.2ppm	Nd	0.1ppm
B	3ppm	Ni	0.2ppm
Ba	0.1ppm	Os	0.01ppm
Be	0.01ppm	P	1ppm
Bi	0.02ppm	Pb	1ppm
Ca	1ppm	Pd	0.01ppm
Cd	0.05ppm	Pr	0.2ppm



Ce	0.1ppm	Pt	0.01ppm
Co	0.1ppm	Rb	0.1ppm
Cr	0.2ppm	Re	0.005ppm
Cs	0.1ppm	Rh	0.01ppm
Cu	0.1ppm	Ru	0.01ppm
Dy	0.1ppm	S	10ppm
Er	0.1ppm	Sb	0.1ppm
Eu	0.1ppm	Sc	0.1ppm
Fe	1ppm	Se	0.5ppm
Ga	0.2ppm	Si	50ppm
Gd	0.2ppm	Sm	0.1ppm
Ge	0.2ppm	Sn	0.2ppm
Hf	0.01ppm	Sr	1ppm
Hg	0.02ppm	Ta	0.1ppm
Ho	0.1ppm	Tb	0.2ppm
I	0.5ppm	Te	0.3ppm
In	0.2ppm	Tl	0.1ppm
Ir	0.01ppm	Tm	0.01ppm
K	8ppm	U	0.1ppm
La	0.1ppm	V	0.1ppm
Li	0.1ppm	W	0.1ppm
Lu	0.1ppm	Y	0.1ppm
Mg	0.1ppm	Yb	0.1ppm
Mn	0.1ppm	Zn	1ppm
Mo	0.1ppm	Zr	1ppm

Additional laboratory work by United States Geologic Survey (USGS) researchers using laser ablation ICP-MS was completed on ten samples for simple screening of the entire periodic table and to tailor future surface exploration. Samples chosen for the LA-ICPMS reflect primary rock types with mineralized, non-mineralized, altered and unaltered characteristics. Breccias were avoided in order to isolate elements correlative to specific rock types. Ray (2008) suggested a geochemical association of As, Ag, Sb, Pb, Zn, F, Ba, V, Te, and Bi based on other alkalic diatreme-hosted gold deposits. Techniques used to test this hypothesis and determine possible elemental zoning in and around the main target areas include statistical analyses, GIS mapping of surface samples, three-dimensional viewing of drill core traces and assays, and petrographic (hand sample, transmitted and reflected light microscopy and scanning electron microscope) identification of mineral species.

Results combining these techniques indicated the following geochemical associations and zoning:

- Au is associated with As, Sr, and Mn,  $\pm$  Mo and Zn. As, Sr and Mn show a general spatial association with the strongly altered Au-enriched zones at Antelope Basin and North Stock and often show spatial correlation with anomalous and high As values in surface samples and drill core. Sr and Mn are associated with the carbonate alteration minerals dolomite, ferroan dolomite/calcite, strontianite, rhodochrosite or manganiferous dolomite, and calcite.
- proximal to Au zones: Li, Ba, Zn, V, Sc, K, Al, Mg  $\pm$  Y, and P appear to be enriched
- more distal to Au zones: Cu, Ti, Ca and Na are enriched.

Ag, Sb, Pb and Bi typically occur in less than lower detection limit quantities in rock chip samples, but were observed by petrographic and SEM studies. Te and F were not tested with rock chip geochemistry, although petrographic and mineralogical studies indicate both elements are sporadically present within the system.

EGC determined that Au values  $>0.1$  g/t in rock chip samples are significant and that Au and As show a strong positive correlation. This is true for both of the known gold zones at North Stock and Antelope Basin and is a good exploration criterion. Preliminary assay values for 2011 sampling have identified new targets at South Stock and in a zone of breccia-veins  $\sim 1$  kilometer east of South Stock.

Enrichment of Zn, Cu and Mo occurs at different distances from the Au enriched zones and show rough zoning. Zn values in drill core range from 0-1,000 ppm and appear to correlate with the major feldspar porphyry rock unit. Surface samples indicate a broad zone of Zn enrichment northeast of Antelope Basin, extending north to the east flank of North Stock where feldspar porphyry comes to the surface. Cu values in core range from 0-700 ppm with Cu enrichment almost never occurring with Au (although the Cu minerals chalcopyrite and bornite have been identified in gold-rich zones by petrographic studies). The best Cu values in core occur approximately halfway between Antelope Basin and North Stock and at depth (as seen in drill holes 50, 52, 58, 61), suggesting a deep heat source and possible porphyry mineralization. Cu values in surface samples are as high as 1%, especially in carbonate-malachite (after chalcopyrite) veins located southwest and south of Antelope Basin. Mo shows minor enrichment in the quartz monzodiorite and feldspar porphyry (especially where Au-bearing) in core. At surface, Mo enrichment occurs in areas of limited size, often with As and Au. Overall, the base metal zoning is continuous across the core project area and suggests one large system, as opposed to multiple smaller systems.



### **9.3 Trenching**

MacLeod (2003) reports that NEL constructed a number of trenches on the property, and these were sampled and assayed for Au and Ag. In the North Stock area, seven trenches were dug, while a further two trenches were constructed in the Antelope Basin vicinity. Silver values are not available for the trench samples (MacLeod, 2003). These data are used for general exploration guidance only.

### **9.4 Geophysics**

Geophysical surveys for exploration have been completed on behalf of EGC at the Rattlesnake Hills Project between 2008 and 2010. Gravity, controlled source audio-frequency magneto tellurics (CSAMT), induced polarization (IP)/resistivity, ground magnetic, and radiometric surveys were completed by Zonge Geosciences Inc., 924 Greg Street, Sparks, Nevada 89431.

The primary purpose of the geophysical surveys was to map geology and test whether direct detection of mineralization and/or alteration was possible using geophysical techniques. With the exception of CSAMT, these surveys were largely orientation surveys to determine if the data were useful for geological interpretations. CSAMT was found to be the most useful and an extensive CSAMT survey was performed.

Surface CSAMT was performed on nominal 100 m line spacing over portions of the project area. The inverted resistivity depth sections have helped with mapping lithologic contacts, and identifying steep and flat structures in the area. The CSAMT data are considered by EGC geologists to be better for mapping structures than the gravity, IP, and magnetics data, and the CSAMT data have proven useful for geological mapping.

Gravity data were acquired using Lacoste and Rhomberg G-meters. GPS survey equipment was used for acquiring location and elevation information. The data were processed through the complete Bouguer stage and presented in map form over the Project area. The data confirm known lithologic contacts and steep structures and indicate that the structures persist at depth.

A three line pole-dipole IP/resistivity survey was performed at the property. Inverted IP and resistivity depth sections appear to acceptably map sulfide mineralization associated with alteration in the Project area as well as structure and lithology contrasts. The lateral resolution of the data is not as good as the CSAMT data but better than the gravity data.



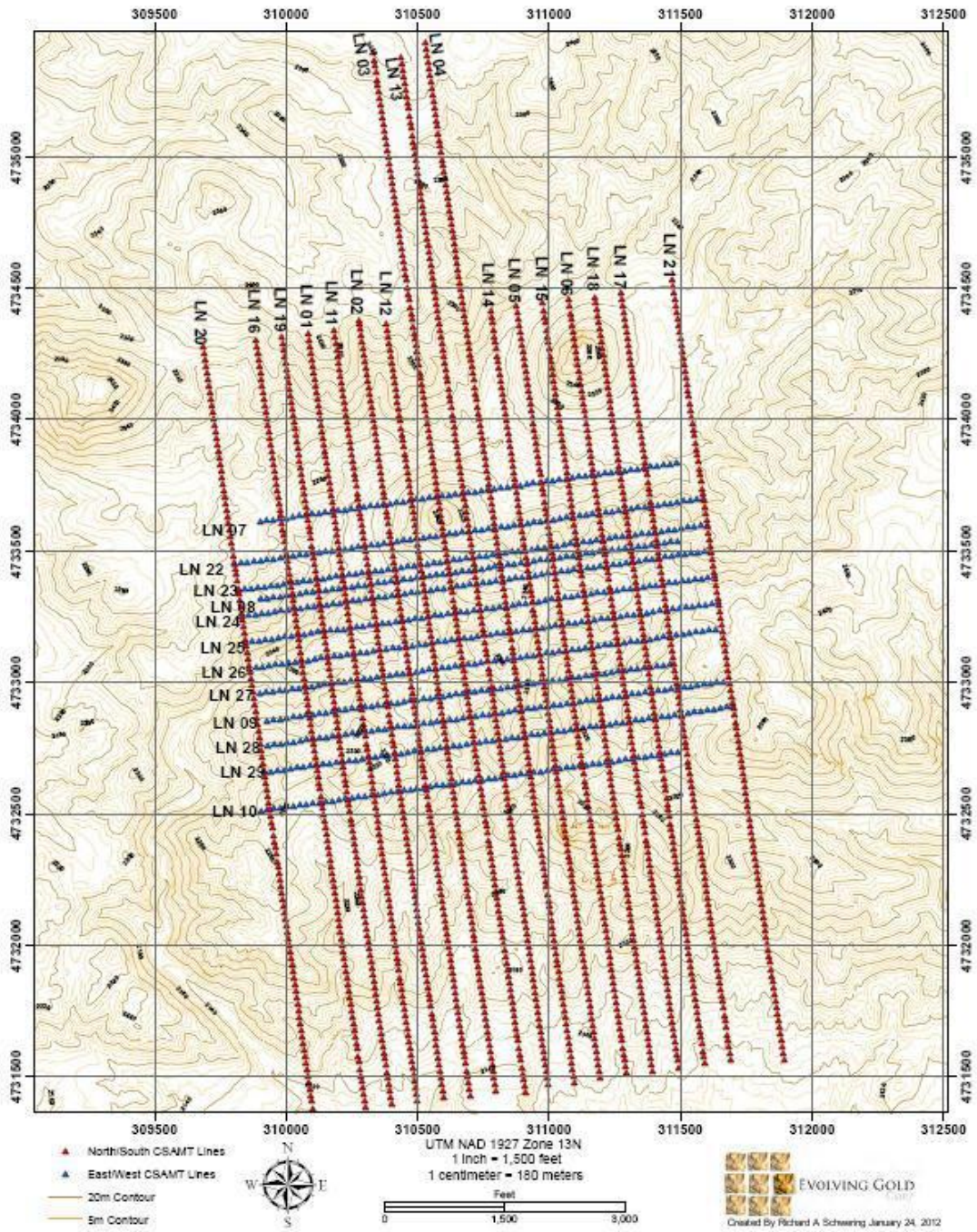
A small ground magnetic survey was run over the Project area. The data set primarily maps lithologic contacts and structures. Magnetic variability in the area is not significant enough to be of great use for mapping.

A ground radiometric survey covers a portion of the Project area. Potassium alteration is identified by K and K/Th ratio highs. Newmont used a similar study during their tenure at the property to identify strong potassic alteration.

Borehole geophysical logs were recorded in four drill holes. Short normal, long normal, resistance, SP, TC radiometric and temperature data were recorded. The purpose of these logs was to assist in the interpretation of the surface geophysical data sets.

In 2011, a district-scale airborne magnetic and radiometric survey was completed. The data is still pending processing. This survey should indicate the presence of Tertiary plugs (where covered or never outcropping) and favorable alteration, and will be used for future prospecting, soil sampling, and additional claim staking.

Figure 9-1: Locations of CSAMT Geophysical Lines





## **10.0 DRILLING**

### **10.1 American Copper and Nickel Company (ACNC)**

In 1985, ACNC completed a number of RC holes to test sporadic Au mineralization occurring in the Archean ferruginous cherts at the “Main Zone East” and “Main Zone West” (MacLeod, 2003). In 1986 and 1987, drilling focused on the gold mineralization associated with the Eocene alkalic igneous rocks at the “North Zone” in the Antelope Basin area. In all, 33 RC holes (3,068.11 m; 10,065.95 ft) were drilled. Details of this work are discussed in Ray (2008); however, these data are unverified and not used by EGC for any purpose other than general exploration guidance. The drilling and exploration completed by ACNC were not carried out by or on behalf of EGC.

### **10.2 Newmont Exploration Limited (NEL)**

NEL drilled a total of 15 holes in 1994 and 1995. A total of 3,395.17 m (11,138.98 ft) was drilled, all of which targeted Au mineralization hosted by rocks of the Rattlesnake Hills Alkalic Complex. Thirteen of these holes were drilled in the vicinity of the North Stock, while the other single hole targeted the Eureka Peaks area. Assay results for all the NEL holes are summarized in Ray (2008). The NEL data has been useful to EGC, providing additional geological information, but the logs are not adequately detailed to provide accurate geological interpretations. Assay data are not used in any interpretations because they have not been verified. The drilling and exploration completed by NEL were not carried out by or on behalf of EGC.

### **10.3 Evolving Gold Corporation (EGC)**

#### **10.3.1 Drill Summary**

EGC commenced drilling in 2008 and drilling continued through 2010. EGC-AE continued drilling in 2011. A total of 180 core holes have been drilled in North Stock, Antelope Basin, and South Stock areas (Figure 10-1a)=

Drilling was conducted by Ruen Drilling, Incorporated, using primarily HQ (63.5 mm) diameter diamond tools, reducing to NQ (47.6 mm) as required by drilling conditions. Core was boxed on site in ~10 foot intervals and turned over to EGC personnel in Alcova, WY where it was securely stored in locked storage containers and an initial coarse logging was performed.

After initial coarse logging, core was transported to Longmont, CO where it was cleaned, marked, detail logged, photographed, and cut in half. Five foot (1.52 m)



samples of half-core were then taken and subsequently shipped to SGS Mineral Services in Elko, NV (2008-2010) and/or AAL in Elko, NV (2011), for processing and analysis. When warranted, the geologist would occasionally break out intervals of less than 5 feet (1.52 m) to better understand the association of gold grade with lithology. Hole orientations (azimuth and dip) were not uniform with respect to the assumed orientation of mineralization, so there is no standard relationship between sample length and true thickness of mineralization. The presence of coarse, native gold suggests the possibility of a nugget effect, thereby returning lower gold values than what is truly present.

Table 10-1 summarizes the drilling completed at Rattlesnake Hills and Table 10-2 details significant drill intercepts  $\geq 0.24$  g/t Au with internal zones showing significantly higher grade as indicated.

### 10.3.2 Surveying

#### ***Collar Surveying***

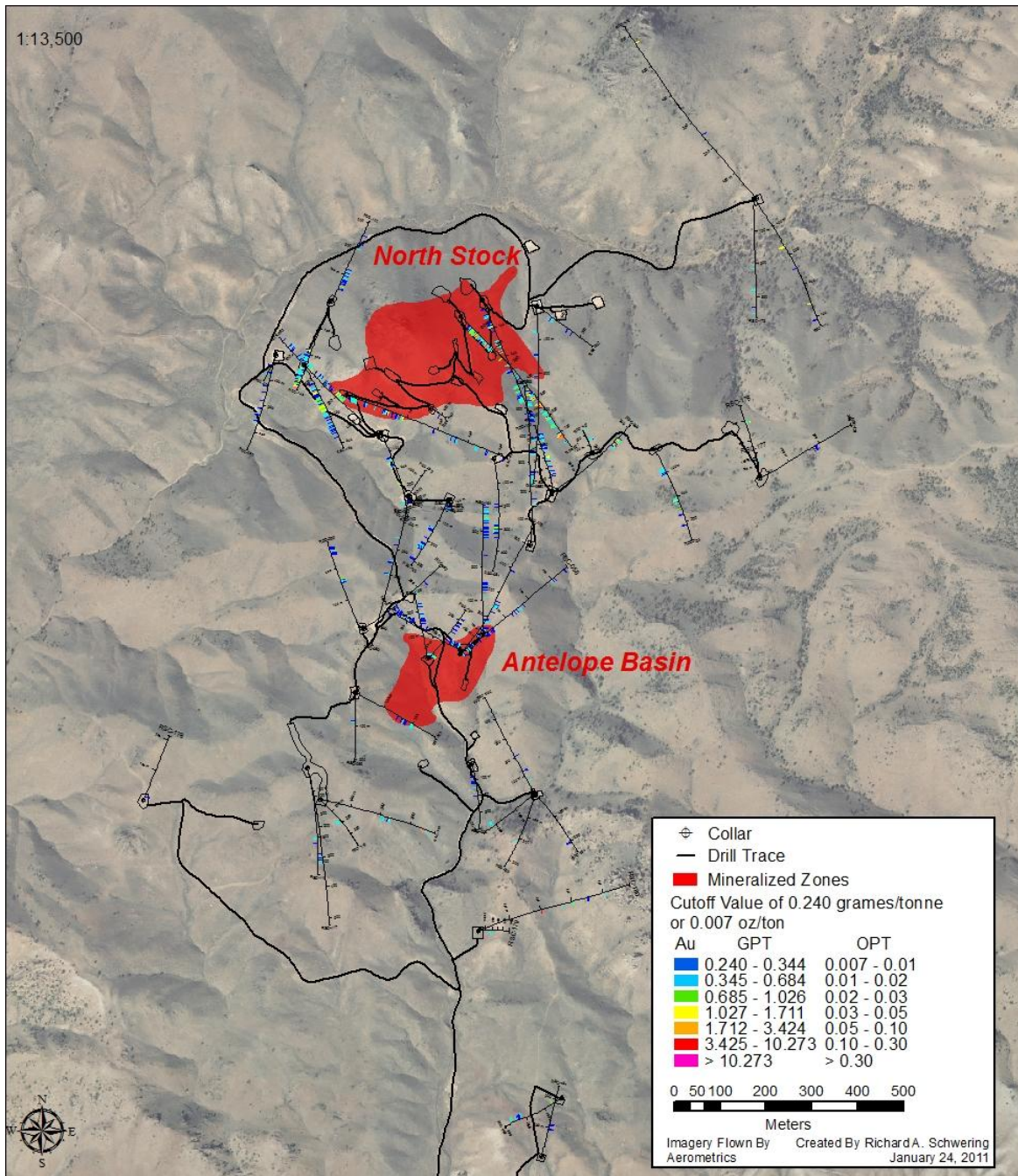
Collar surveying appears to be adequate. Pads were initially located with hand-held GPS units and later surveyed by a local surveying contractor using a VRS Trimble Total Station instrument with a horizontal and vertical spatial resolution of less than one foot (0.3 m).

#### ***Downhole Surveying***

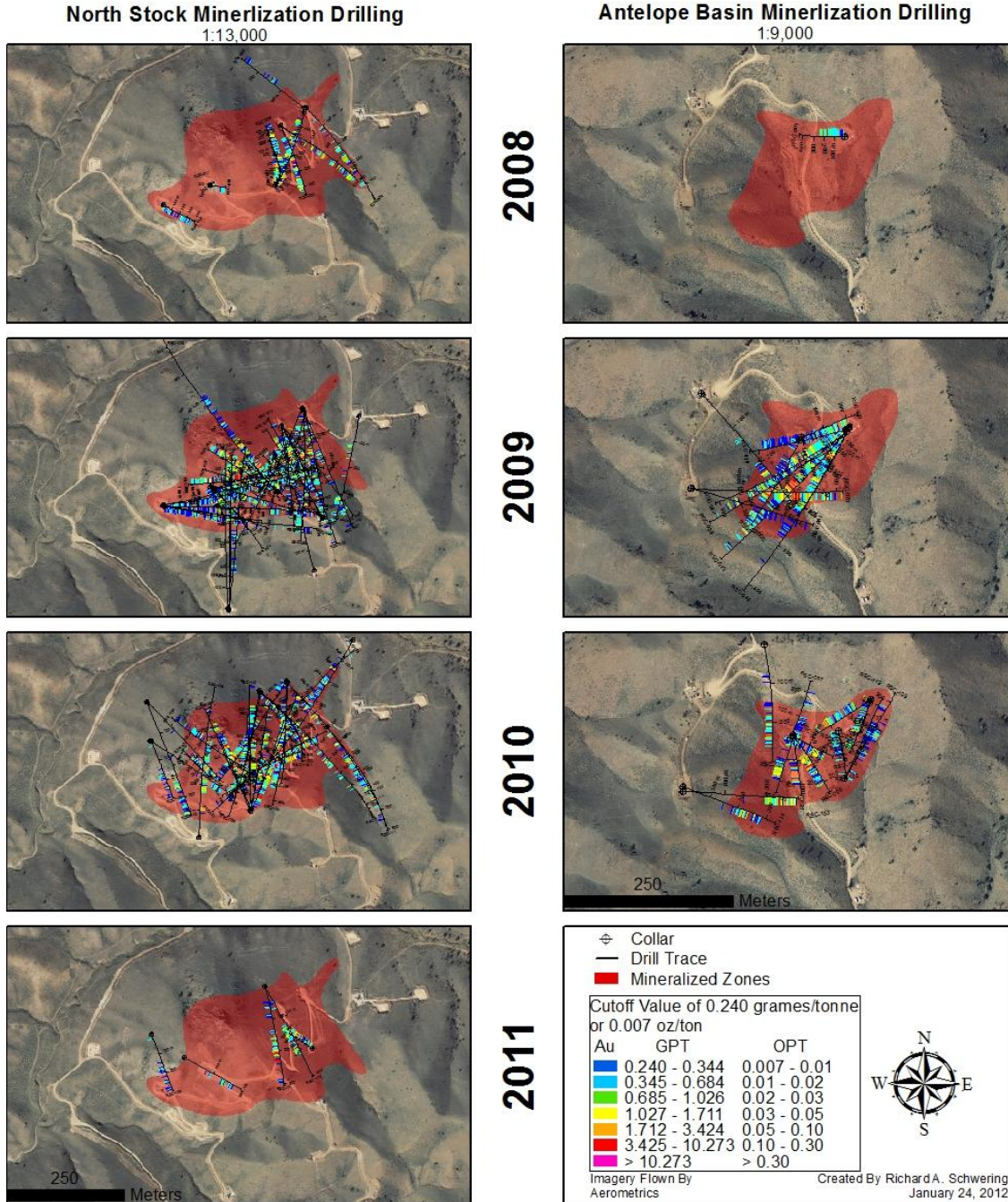
Downhole surveying was performed by the drilling contractor using Reflex EZ-Shot™ tools. These are standard tools that are widely used in the industry. They are magnetic tools that can be adversely affected by magnetic minerals in the rocks. Site geologists and the drillers monitored the total magnetic field as a measure of possible problems due to magnetic minerals. A declination of 10.36°E in 2009, 10.28°E, in 2010, and 10.20°E in 2011, was applied to the measurements. These measurements were confirmed using the declination calculator provided by the National Geophysical Data Center, a division of NOAA.

Downhole surveys were performed on nominal 91.4 m (300 ft) intervals. For holes with little deviation, this is adequate. Some of the holes at Rattlesnake Hills exhibit significant deviation and the estimated trajectories would benefit from surveys on 30 m (100 ft) intervals. Future holes should be surveyed on 30 m (100 ft) intervals if they exhibit significant deviation at 91.4 m (300 ft) intervals.

**Figure 10-1: Location Map Showing Au Grades >0.24 g/t for Drill Holes Outside of Main Mineralized Zones in Red (Hole Names are at the ends of the holes)**



**Figure 10-2: Time Step Showing Drilling Conducted Inside Mineralized Zones (Red)**





**Table 10-1: Summary of Drilling at Rattlesnake Hills**

<b>Company</b>	<b>Year</b>	<b>Number</b>	<b>Meters</b>
ACNC	1985-1987	33	3,068.11
Newmont	1994-1995	15	3,395.17
Evolving Gold	2008-2010	156	62,398.67
EGC-AE JV	2011	24	7,956.38
<b>Totals</b>		<b>228</b>	<b>76,818.33</b>



**Table 10-2: Summary of Drill Holes at Rattlesnake Hills**

<u>Hole ID</u>	<u>Easting (NAD27)</u>	<u>Northing (NAD27)</u>	<u>Elevation (RSL m)</u>	<u>Depth (m)</u>	<u>Declination (Azimuth TN)</u>	<u>Inclination (Dip)</u>
RSC-001	310710.87	4732936.95	2293.43	431.90	270.00	-70.0
RSC-002	310731.11	4732691.52	2234.46	399.75	165.00	-70.0
RSC-003	310704.03	4733666.70	2297.02	450.19	151.00	-70.0
RSC-004	310757.34	4733704.09	2276.97	470.92	135.00	-60.0
RSC-005	310704.03	4733666.70	2297.02	559.92	130.00	-70.0
RSC-006	310754.18	4733695.23	2277.13	544.68	195.00	-70.0
RSC-007	310692.76	4733604.94	2311.18	554.13	161.00	-80.0
RSC-008	310754.13	4733703.63	2277.05	273.71	309.00	-50.0
RSC-009	310692.76	4733604.94	2311.18	462.69	340.00	-80.0
RSC-010	310553.34	4733538.19	2300.99	65.84	95.00	-60.0
RSC-011	310552.54	4733539.03	2300.95	389.23	95.00	-90.0
RSC-012	310691.31	4733539.24	2310.62	645.26	27.00	-83.0
RSC-013	310453.37	4733496.74	2268.78	419.71	125.00	-80.0
RSC-014	310472.96	4733449.29	2257.95	459.43	0.00	-90.0
RSC-015	310689.17	4733534.33	2310.59	407.21	217.00	-75.0
RSC-016	310707.84	4732936.52	2293.42	425.81	216.68	-80.0
RSC-017	310554.27	4733538.41	2300.91	546.66	89.68	-65.0
RSC-018	310706.42	4733668.18	2297.13	712.62	171.68	-75.0
RSC-019	310707.84	4732936.52	2293.42	388.92	216.68	-50.0
RSC-020	310563.53	4733535.07	2300.98	366.67	134.68	-70.0
RSC-021	310704.12	4732940.65	2293.52	203.30	274.00	-50.0
RSC-022	310706.42	4733668.18	2297.13	363.87	171.68	-50.0
RSC-023	310864.50	4732625.49	2234.47	261.21	229.00	-60.0
RSC-024	310563.53	4733535.07	2300.98	251.76	134.68	-50.0
RSC-025	310867.27	4732621.54	2234.43	331.32	196.00	-60.0
RSC-026	310696.01	4733527.68	2310.25	245.36	283.00	-50.0
RSC-027	310706.42	4733668.18	2297.13	791.57	134.00	-60.0
RSC-028	310697.38	4733527.68	2310.08	794.31	314.00	-50.0
RSC-029	310704.12	4732940.65	2293.52	245.67	295.00	-50.0
RSC-030	310703.84	4732933.69	2293.31	218.24	255.00	-50.0
RSC-031	310870.28	4732625.25	2234.48	242.47	140.28	-50.6
RSC-032	310867.51	4732626.73	2234.50	501.70	327.00	-65.0
RSC-033	310706.42	4733668.18	2297.13	352.50	134.00	-45.0
RSC-034	310697.38	4733527.68	2310.08	544.68	314.00	-83.0
RSC-035	310705.26	4732930.53	2293.28	44.50	235.00	-50.0
RSC-036	310457.17	4733496.55	2268.71	437.08	92.00	-45.0



RSC-037	310706.42	4733668.18	2297.13	341.38	151.00	-50.0
RSC-038	310705.22	4732930.63	2293.44	376.73	235.00	-50.0
RSC-039	310697.38	4733527.68	2310.08	190.80	314.00	-65.0
RSC-040	310594.76	4733277.31	2268.70	660.50	5.00	-60.0
RSC-041	310706.42	4733668.18	2297.13	495.00	151.00	-65.0
RSC-042	310705.22	4732930.63	2293.44	513.89	235.00	-65.0
RSC-043	310706.42	4733668.18	2297.13	599.54	145.00	-65.0
RSC-044	310457.17	4733496.55	2268.71	468.17	99.00	-45.0
RSC-045	310705.22	4732930.63	2293.44	416.36	206.00	-50.0
RSC-046	310594.76	4733277.31	2268.70	459.03	5.00	-45.0
RSC-047	310709.60	4732937.56	2293.45	438.30	206.00	-70.0
RSC-048	310456.57	4733496.74	2268.66	529.13	109.00	-45.0
RSC-049	310751.05	4733705.96	2276.96	474.57	207.00	-50.0
RSC-050	310592.76	4733277.31	2268.70	572.41	185.00	-51.0
RSC-051	310490.72	4732987.22	2296.31	318.97	136.00	-48.0
RSC-052	310705.26	4732930.53	2293.28	574.55	38.00	-60.0
RSC-053	310753.19	4733703.98	2277.06	425.53	170.00	-50.0
RSC-054	310592.76	4733280.30	2268.70	450.19	356.00	-45.0
RSC-055	310453.29	4733498.89	2268.73	391.24	99.00	-55.0
RSC-056	310794.06	4733470.97	2323.39	260.91	311.00	-45.0
RSC-057	310753.19	4733703.98	2277.06	413.16	157.00	-50.0
RSC-058	310705.26	4732930.53	2293.28	465.12	41.00	-50.0
RSC-059	310458.30	4733495.40	2268.69	340.31	89.00	-55.0
RSC-060	310593.52	4733275.44	2268.60	477.62	7.00	-45.0
RSC-061	310779.34	4733356.99	2324.51	489.51	170.00	-58.0
RSC-062	310872.47	4733689.74	2266.86	263.80	119.00	-55.0
RSC-063	310858.80	4733168.67	2323.42	565.71	5.00	-58.0
RSC-064	310454.90	4733499.07	2268.67	489.81	76.00	-45.0
RSC-065	310872.47	4733689.74	2266.86	505.05	178.00	-45.0
RSC-066	310490.72	4732987.22	2296.31	282.55	303.00	-48.0
RSC-067	310494.28	4732985.77	2296.34	285.60	51.00	-45.0
RSC-068	310454.90	4733499.07	2268.67	420.01	76.00	-70.0
RSC-069	310872.47	4733689.74	2266.86	410.26	192.00	-55.0
RSC-070	310794.06	4733470.97	2323.39	327.05	328.00	-45.0
RSC-071	310475.12	4732847.39	2301.88	276.45	119.00	-45.0
RSC-072	310591.77	4733277.31	2268.70	130.45	33.00	-60.0
RSC-073	310595.77	4733272.31	2268.60	110.64	154.00	-80.0
RSC-074	310776.34	4733359.99	2324.51	367.89	342.00	-65.0
RSC-075	310595.77	4733272.31	2268.60	228.30	160.00	-87.0



RSC-076	310794.91	4733473.33	2323.31	383.13	328.00	-60.0
RSC-077	310755.41	4733697.09	2277.07	395.63	164.00	-60.0
RSC-078	310475.42	4732846.59	2301.90	310.90	95.00	-45.0
RSC-079	310554.21	4733538.37	2300.90	231.34	132.50	-65.0
RSC-080	310906.16	4733285.24	2326.15	309.98	57.00	-50.0
RSC-081	310475.80	4732847.34	2301.90	261.55	107.00	-45.0
RSC-082	310554.21	4733538.37	2300.90	342.17	147.00	-75.0
RSC-083	310638.23	4732922.43	2271.08	245.97	69.00	-70.0
RSC-084	310755.41	4733697.09	2277.07	359.05	193.00	-80.0
RSC-085	310794.89	4733471.42	2323.39	398.98	299.00	-48.0
RSC-086	310477.25	4732846.01	2301.90	206.35	180.00	-45.0
RSC-087	310636.23	4732918.43	2271.08	276.76	207.00	-60.0
RSC-088	310303.28	4733582.44	2235.78	87.48	205.00	-45.0
RSC-089	310771.62	4733579.66	2286.44	371.55	259.00	-45.0
RSC-090	310564.33	4733533.96	2300.96	390.45	76.00	-51.0
RSC-091	310692.76	4733604.94	2311.18	334.37	201.00	-75.0
RSC-092	310692.76	4733604.94	2311.18	498.96	0.00	-90.0
RSC-093	310564.33	4733533.96	2300.96	431.75	67.00	-63.0
RSC-094	310694.88	4733531.20	2308.81	332.23	340.00	-55.0
RSC-095	310301.83	4733586.48	2234.66	367.59	190.00	-55.0
RSC-096	310591.43	4733274.72	2268.13	306.93	135.00	-85.0
RSC-097	310632.49	4732920.27	2270.57	246.28	22.00	-70.0
RSC-098	310529.68	4733404.27	2258.59	470.46	314.00	-50.0
RSC-099	310636.26	4732925.00	2270.58	245.67	145.00	-65.0
RSC-100	310474.13	4732841.98	2301.47	276.76	93.00	-52.0
RSC-101	310554.33	4733539.00	2299.90	575.77	315.00	-80.0
RSC-102	310703.50	4732931.42	2293.07	176.48	170.00	-70.0
RSC-103	310703.50	4732931.42	2293.07	69.19	170.00	-50.0
RSC-104	310703.50	4732931.42	2293.07	201.17	170.00	-85.0
RSC-105	310530.82	4733410.86	2258.45	577.60	0.00	-55.0
RSC-106	310749.49	4732972.97	2298.68	242.93	198.00	-70.0
RSC-107	310749.49	4732972.97	2298.68	267.31	198.00	-80.0
RSC-108	310712.36	4732860.94	2276.70	249.02	30.00	-75.0
RSC-109	310712.36	4732860.94	2276.70	331.32	30.00	-65.0
RSC-110	310642.26	4733466.53	2286.44	154.53	116.00	-75.0
RSC-111	310718.89	4733740.96	2273.87	907.39	135.00	-65.0
RSC-111.1	<b>Wedge off RSC-111</b>			467.26	140.60	-67.3
RSC-112	310712.36	4732860.94	2276.70	219.91	25.00	-55.0



RSC-113	310662.57	4733719.44	2291.48	983.59	134.00	-65.0
RSC-114	310473.74	4732848.72	2301.50	337.41	109.00	-65.0
RSC-115	310400.64	4732612.27	2304.48	380.09	95.00	-50.0
RSC-116	310400.64	4732612.27	2304.48	398.37	135.00	-70.0
RSC-117	310371.77	4732681.72	2314.71	522.73	165.00	-50.0
RSC-118	310659.55	4733724.84	2291.48	532.79	134.00	-80.0
RSC-118.1	<b>Wedge off RSC-118</b>			923.70	134.00	-81.5
RSC-119	310371.77	4732681.72	2314.71	462.08	165.00	-60.0
RSC-120	310720.06	4733742.44	2273.87	519.99	180.00	-60.0
RSC-121	311359.11	4733314.31	2373.66	302.06	60.00	-45.0
RSC-122	310641.41	4733466.80	2288.64	313.33	7.00	-60.0
RSC-123	310641.37	4733466.81	2288.46	301.14	7.00	-45.0
RSC-124	311128.28	4733379.25	2350.20	369.11	150.00	-55.0
RSC-125	310859.86	4733832.04	2209.35	888.80	209.00	-60.0
RSC-126	310641.41	4733466.80	2288.64	392.89	25.00	-60.0
RSC-127	310992.42	4733370.21	2335.58	249.02	355.00	-80.0
RSC-128	310641.41	4733466.80	2288.64	382.83	25.00	-50.0
RSC-129	310644.41	4733551.11	2318.97	395.63	300.00	-60.0
RSC-130	310640.08	4733469.77	2288.47	328.57	335.00	-60.0
RSC-131	310644.41	4733551.11	2318.97	331.32	220.00	-68.0
RSC-132	310644.41	4733551.11	2318.97	340.77	255.00	-85.0
RSC-133	310639.79	4733469.95	2288.44	364.85	335.00	-50.0
RSC-134	310717.41	4733745.08	2273.87	373.68	210.00	-45.0
RSC-135	310644.41	4733551.11	2318.97	630.33	0.00	-90.0
RSC-136	310717.41	4733745.08	2273.87	349.61	180.00	-53.0
RSC-137	310703.61	4733663.63	2296.30	1374.34	0.00	-90.0
RSC-138	310642.77	4733471.49	2288.42	380.39	356.00	-60.0
RSC-139	310750.73	4733701.51	2276.69	486.46	35.00	-70.0
RSC-140	310642.75	4733471.46	2288.40	370.48	356.00	-45.0
RSC-141	310644.41	4733551.11	2318.97	340.46	65.00	-70.0
RSC-142	310531.97	4733413.03	2259.94	477.93	153.00	-65.0
RSC-143	310419.56	4733700.58	2256.06	356.86	157.00	-45.0
RSC-144	310644.41	4733551.11	2318.97	340.46	63.00	-58.0
RSC-145	310644.41	4733551.11	2318.97	313.33	60.00	-80.0
RSC-146	310419.75	4733699.69	2256.14	331.01	130.00	-45.0
RSC-147	310593.82	4733058.76	2306.78	298.09	167.00	-55.0
RSC-148	310743.64	4733537.53	2298.85	456.29	282.00	-65.0
RSC-149	310420.57	4733701.03	2256.06	330.56	197.00	-50.0



RSC-150	310751.24	4732977.90	2298.77	277.06	236.00	-70.0
RSC-151	310426.14	4733617.14	2264.38	312.51	120.00	-45.0
RSC-152	310661.14	4733718.81	2291.48	321.26	190.00	-60.0
RSC-153	310636.40	4732923.32	2270.66	249.48	170.00	-68.0
RSC-154	310661.14	4733718.81	2291.48	373.99	200.00	-45.0
RSC-155	310636.40	4732923.32	2270.66	252.68	195.00	-71.0
RSC-156	310636.40	4732923.32	2270.66	246.89	118.00	-74.0
RSC-157	310633.35	4732920.96	2270.34	246.28	33.00	-59.0
RSC-158	310426.15	4733614.13	2264.43	298.09	158.00	-64.0
RSC-159	310630.27	4732919.79	2270.41	267.25	348.00	-60.0
RSC-160	310771.61	4733576.60	2285.84	316.38	305.00	-79.0
RSC-161	310879.17	4731832.25	2162.95	245.97	13.00	-50.0
RSC-162	310922.32	4731959.46	2171.95	304.19	239.00	-65.0
RSC-163	310421.58	4733700.70	2256.32	306.93	25.00	-51.0
RSC-164	310751.50	4732975.72	2298.70	372.16	360.00	-45.0
RSC-165	310359.71	4733560.86	2245.49	316.10	152.00	-51.0
RSC-166	310678.63	4733266.21	2282.33	135.03	185.00	-82.0
RSC-167	310678.22	4733267.20	2283.05	319.43	153.00	-85.0
RSC-168	310901.46	4733277.79	2324.86	694.03	1.00	-80.0
RSC-169	310676.73	4733265.55	2282.22	319.43	206.00	-60.0
RSC-170	310669.37	4733717.36	2291.77	304.20	150.00	-45.0
RSC-171	310667.87	4733715.89	2291.08	307.24	166.00	-45.0
RSC-172	311348.00	4733922.00	2276.00	629.41	318.00	-42.0
RSC-173	311344.27	4733923.07	2276.89	359.30	178.00	-44.0
RSC-174	311344.77	4733923.22	2277.06	424.90	147.00	-44.0
RSC-175	310496.82	4733564.97	2295.46	199.60	118.00	-45.0
RSC-176	311358.00	4733316.83	2373.80	367.90	351.00	-70.0
RSC-177	311358.00	4733316.83	2373.80	258.17	354.00	-80.0
RSC-178	310014.61	4732611.71	2263.96	212.14	21.00	-45.0
RSC-179	310742.29	4732326.76	2203.76	502.30	82.00	-80.0
RSC-180	310743.31	4732327.31	2203.45	486.50	70.00	-45.0



**Table 10-3: Summary Significant Intercepts (downhole thickness)**

<b>BHID</b>	<b>From (m)</b>	<b>To (m)</b>	<b>Interval (m)</b>	<b>Au (g/t)</b>	<b>Ag (ppm)</b>
RSC-001	24.4	35.1	10.7	0.36	1.00
RSC-001	53.3	59.4	6.1	0.48	1.00
RSC-001	65.5	160.0	94.5	0.55	1.20
RSC-001	169.2	205.7	36.6	1.57	1.50
RSC-002	199.6	204.2	4.6	0.40	1.00
RSC-003	76.2	99.1	22.9	0.37	2.80
RSC-003	123.4	263.7	140.2	2.96	12.40
including	187.5	192.0	4.6	8.05	38.00
including	213.4	230.1	16.8	4.63	31.90
including	233.2	238.4	5.2	15.15	51.10
including	254.5	257.8	3.3	29.05	6.70
RSC-003	269.8	318.5	48.8	0.67	0.10
RSC-003	342.9	416.1	73.2	0.80	1.00
RSC-004	202.7	228.6	25.9	0.81	1.30
RSC-004	243.8	285.0	41.2	0.88	1.30
RSC-004	313.9	320.0	6.1	0.82	1.50
RSC-004	388.6	403.9	15.2	0.88	1.20
RSC-005	82.3	89.9	7.6	0.89	3.40
RSC-005	109.7	133.4	23.6	1.28	4.90
RSC-005	152.4	163.1	10.7	2.51	40.40
RSC-005	175.9	181.4	5.5	0.66	2.70
RSC-005	225.6	233.2	7.6	0.68	1.00
RSC-005	268.5	292.6	24.1	0.65	1.00
RSC-005	304.8	323.1	18.3	1.22	2.00
RSC-005	376.4	395.2	18.8	0.46	1.00
RSC-005	410.0	413.0	3.1	2.58	48.40
RSC-005	420.6	428.2	7.6	1.69	2.20
RSC-005	442.0	446.1	4.2	1.15	37.30
RSC-005	463.3	467.9	4.6	0.62	1.00
RSC-005	486.2	490.7	4.6	0.37	1.00
RSC-005	504.4	531.9	27.4	0.76	2.50
RSC-005	538.0	544.1	6.1	0.52	1.00
RSC-006	59.4	83.8	24.4	0.78	2.50
RSC-006	135.6	181.4	45.7	1.47	3.10



including	173.7	178.3	4.6	8.73	20.30
RSC-006	198.1	219.9	21.8	0.64	1.10
RSC-006	274.3	310.9	36.6	0.71	1.00
RSC-006	338.3	356.6	18.3	0.38	1.30
RSC-006	365.8	390.1	24.4	0.96	1.60
RSC-006	446.5	544.7	98.2	1.10	1.80
RSC-007	18.3	22.9	4.6	0.43	1.00
RSC-007	97.5	237.7	140.2	2.69	12.80
including	112.8	118.9	6.1	6.31	59.70
including	141.7	170.7	29.0	4.38	21.50
including	189.0	217.9	29.0	4.60	18.20
RSC-007	243.8	414.5	170.6	0.63	9.70
RSC-007	451.1	457.2	6.1	0.31	2.80
RSC-007	463.3	467.9	4.6	1.11	49.90
RSC-007	542.5	554.1	11.6	0.96	1.00
RSC-008	137.2	146.3	9.1	0.45	1.00
RSC-008	245.4	249.9	4.6	0.31	1.00
RSC-009	18.3	53.3	35.1	0.47	1.20
RSC-009	93.0	135.6	42.7	0.74	1.30
RSC-009	167.6	251.5	83.8	0.90	1.70
RSC-009	257.6	274.3	16.8	0.92	1.30
RSC-009	402.3	414.5	12.2	0.50	1.00
RSC-009	420.6	432.8	12.2	0.30	1.00
RSC-009	438.9	445.0	6.1	0.49	1.00
RSC-009	457.2	462.7	5.5	0.28	33.90
RSC-010	44.2	64.0	19.8	0.41	1.00
RSC-011	109.7	123.6	13.9	0.71	1.00
RSC-011	195.1	201.2	6.1	1.84	3.80
RSC-011	277.4	306.3	29.0	0.50	1.60
RSC-011	312.4	324.6	12.2	0.34	1.80
RSC-011	336.8	342.9	6.1	0.60	1.00
RSC-012	15.2	24.4	9.1	0.38	1.00
RSC-012	29.0	167.6	138.7	1.31	12.50
RSC-012	176.8	196.6	19.8	1.04	2.20
RSC-012	217.9	257.6	39.6	1.30	2.90
RSC-012	330.7	355.1	24.4	0.48	1.10
RSC-012	361.2	374.9	13.7	0.41	1.30
RSC-012	393.2	432.8	39.6	1.24	1.50



RSC-012	455.7	463.3	7.6	0.64	1.00
RSC-012	466.3	484.6	18.3	1.38	1.30
RSC-012	507.5	516.6	9.1	0.42	1.20
RSC-012	524.3	531.9	7.6	0.47	1.00
RSC-012	576.1	580.6	4.6	0.30	1.00
RSC-013	7.6	12.2	4.6	0.63	1.00
RSC-013	19.8	27.4	7.6	0.52	1.60
RSC-013	33.5	39.6	6.1	0.60	1.50
RSC-013	51.8	76.2	24.4	0.58	1.20
RSC-013	91.4	109.7	18.3	0.55	1.10
RSC-013	160.0	164.6	4.6	0.30	1.00
RSC-013	237.7	246.9	9.1	0.44	1.00
RSC-013	249.9	286.5	36.6	0.37	1.20
RSC-013	347.5	352.0	4.6	0.32	1.00
RSC-014	7.6	15.2	7.6	0.61	1.00
RSC-014	22.9	42.7	19.8	0.96	1.00
RSC-014	152.4	157.0	4.6	0.55	3.00
RSC-014	278.9	285.0	6.1	0.38	1.80
RSC-014	292.6	304.8	12.2	0.39	1.90
RSC-014	323.1	333.8	10.7	0.35	1.00
RSC-014	428.2	438.9	10.7	0.45	1.00
RSC-014	455.7	459.4	3.8	0.37	1.00
RSC-015	12.2	18.3	6.1	0.41	1.00
RSC-015	27.4	32.0	4.6	0.39	1.00
RSC-015	41.2	89.9	48.8	1.02	5.60
RSC-015	359.7	373.4	13.7	0.32	39.30
RSC-016	51.8	68.2	16.4	0.73	1.00
RSC-016	85.3	91.4	6.1	0.37	1.00
RSC-016	111.3	137.2	25.9	0.75	1.00
RSC-016	143.3	150.9	7.6	0.58	1.00
RSC-016	153.9	190.5	36.6	1.14	1.00
RSC-017	62.5	96.0	33.5	0.59	2.40
RSC-017	102.1	185.9	83.8	1.14	2.50
RSC-017	248.4	260.6	12.2	0.43	1.60
RSC-017	297.2	301.8	4.6	0.28	1.00
RSC-017	330.7	336.8	6.1	0.38	1.00
RSC-017	361.2	365.8	4.6	0.64	1.00
RSC-017	486.2	489.2	3.1	1.40	1.00



RSC-017	539.5	545.6	6.1	1.41	11.90
RSC-018	123.4	161.5	38.1	1.19	2.80
RSC-018	173.7	228.6	54.9	0.81	1.40
RSC-018	292.6	304.8	12.2	0.66	1.30
RSC-018	324.6	341.4	16.8	0.42	1.00
RSC-018	350.5	411.5	61.0	0.85	1.40
RSC-018	423.7	457.2	33.5	0.42	2.20
RSC-018	477.0	481.6	4.6	0.39	1.00
RSC-018	498.4	506.0	7.6	3.79	3.20
RSC-018	510.5	515.1	4.6	0.66	1.00
RSC-019	3.1	68.6	65.5	0.65	1.00
RSC-019	85.3	239.3	153.9	1.30	1.40
RSC-019	260.6	266.7	6.1	0.60	1.00
RSC-019	271.3	277.4	6.1	0.39	2.30
RSC-019	291.1	295.7	4.6	0.49	1.30
RSC-019	298.7	306.3	7.6	0.93	1.00
RSC-019	315.5	320.0	4.6	1.60	1.00
RSC-020	30.5	111.3	80.8	0.63	2.10
RSC-020	121.9	198.9	77.0	9.51	18.90
RSC-020	207.3	219.5	12.2	0.60	1.40
RSC-020	254.5	260.6	6.1	0.35	3.00
RSC-021	39.6	45.7	6.1	1.60	1.00
RSC-021	132.6	138.7	6.1	0.35	1.30
RSC-021	153.9	160.0	6.1	0.32	1.00
RSC-022	56.4	67.1	10.7	1.18	10.10
RSC-022	83.8	184.4	100.6	1.40	6.50
RSC-022	199.6	205.7	6.1	1.51	1.00
RSC-022	294.1	298.7	4.6	0.49	1.00
RSC-022	326.1	330.7	4.6	0.49	1.00
RSC-023	213.4	221.0	7.6	0.36	1.00
RSC-024	36.6	47.2	10.7	0.33	1.00
RSC-024	56.4	67.1	10.7	0.53	2.90
RSC-025	None				
RSC-026	42.7	76.2	33.5	0.79	1.40
RSC-026	83.8	163.1	79.3	1.76	11.20
RSC-026	184.4	190.5	6.1	0.81	1.80
RSC-027	61.0	96.0	35.1	0.64	7.40
RSC-027	105.2	114.3	9.1	0.94	2.80



RSC-027	122.8	132.6	9.8	1.66	25.10
RSC-027	137.2	144.8	7.6	0.76	4.40
RSC-027	149.4	196.6	47.2	1.32	10.10
RSC-027	455.7	469.4	13.7	0.52	1.00
RSC-027	475.5	499.9	24.4	1.29	3.20
RSC-027	522.7	557.8	35.1	1.74	1.70
RSC-027	579.1	588.3	9.1	0.54	1.00
RSC-027	606.6	621.8	15.2	1.07	2.80
RSC-027	649.2	664.5	15.2	0.46	1.10
RSC-027	707.1	730.0	22.9	2.43	4.00
RSC-028	33.5	93.0	59.4	0.85	3.90
RSC-028	140.2	147.8	7.6	0.36	2.40
RSC-028	187.5	204.2	16.8	0.82	1.20
RSC-028	237.7	253.0	15.2	0.31	1.00
RSC-028	278.9	289.6	10.7	0.44	1.00
RSC-028	344.4	352.0	7.6	0.29	1.00
RSC-028	381.0	391.7	10.7	0.49	1.00
RSC-029	6.1	18.3	12.2	0.35	1.00
RSC-029	224.0	243.8	19.8	0.34	1.30
RSC-030	10.7	15.2	4.6	0.52	1.00
RSC-030	22.9	27.4	4.6	0.54	1.00
RSC-030	33.5	51.8	18.3	0.54	1.00
RSC-030	144.8	153.9	9.1	0.31	1.00
RSC-030	161.5	189.0	27.4	0.37	1.10
RSC-031	None				
RSC-032	64.0	71.6	7.6	0.66	1.00
RSC-033	44.2	57.9	13.7	0.36	3.30
RSC-033	118.9	135.6	16.8	1.24	4.20
RSC-033	140.2	144.8	4.6	0.88	3.30
RSC-033	288.0	298.7	10.7	0.74	1.00
RSC-033	317.0	324.6	7.6	0.62	3.20
RSC-034	22.9	41.2	18.3	0.62	1.80
RSC-034	45.7	80.8	35.1	0.80	5.30
RSC-034	85.3	132.6	47.2	0.79	5.40
RSC-034	149.4	155.5	6.1	0.91	1.70
RSC-034	170.7	205.7	35.1	0.74	6.30
RSC-034	225.6	234.7	9.1	0.55	1.50
RSC-034	239.3	280.4	41.2	0.43	1.60



RSC-034	313.9	327.7	13.7	0.69	2.80
RSC-034	339.9	350.5	10.7	0.48	1.70
RSC-034	355.1	359.8	4.7	0.46	6.30
RSC-034	378.0	393.2	15.2	0.34	1.90
RSC-034	413.0	443.5	30.5	0.57	1.20
RSC-034	486.2	531.9	45.7	0.50	1.00
RSC-035	13.7	44.5	30.8	0.83	1.00
RSC-036	77.7	85.3	7.6	0.52	2.00
RSC-036	112.8	120.4	7.6	0.27	1.00
RSC-036	128.0	132.6	4.6	0.36	1.00
RSC-036	181.4	185.9	4.6	0.74	4.00
RSC-036	297.2	301.8	4.6	0.54	2.00
RSC-036	361.2	374.9	13.7	0.40	1.40
RSC-036	403.9	410.0	6.1	1.02	25.80
RSC-036	432.8	437.1	4.3	0.68	1.70
RSC-037	54.9	62.5	7.6	0.36	3.00
RSC-037	65.5	73.2	7.6	0.32	1.60
RSC-037	94.5	144.8	50.3	1.10	8.80
RSC-037	309.4	313.9	4.6	0.41	1.70
RSC-038	15.2	68.6	53.3	0.66	1.00
RSC-038	85.3	93.0	7.6	0.47	1.40
RSC-038	105.2	115.8	10.7	0.59	2.40
RSC-038	149.4	169.2	19.8	0.44	1.00
RSC-038	173.7	190.5	16.8	0.44	1.00
RSC-038	195.1	204.2	9.1	0.46	1.00
RSC-038	208.8	213.4	4.6	0.49	1.00
RSC-038	233.2	239.3	6.1	0.92	1.00
RSC-038	242.3	256.0	13.7	0.68	1.20
RSC-038	262.1	266.7	4.6	0.68	1.70
RSC-038	298.7	306.3	7.6	0.73	1.20
RSC-039	13.7	21.3	7.6	0.82	1.40
RSC-039	25.9	189.0	163.1	1.96	33.00
including	70.1	77.7	7.6	5.62	100.00
including	102.1	106.7	4.6	10.58	100.00
including	169.2	172.2	3.1	8.56	15.90
RSC-040	464.8	469.4	4.6	0.76	17.10
RSC-040	556.3	566.9	10.7	0.54	1.00
RSC-041	61.0	169.2	108.2	0.79	5.30



RSC-041	173.7	205.7	32.0	4.24	8.90
including	195.1	199.6	4.6	25.26	45.70
RSC-041	231.7	257.6	25.9	0.75	1.30
RSC-041	281.9	301.8	19.8	0.65	1.10
RSC-041	323.1	350.5	27.4	0.65	1.10
RSC-041	390.1	396.2	6.1	0.41	1.30
RSC-041	400.8	406.9	6.1	0.39	1.00
RSC-041	410.0	425.1	15.2	0.91	2.20
RSC-041	478.5	486.1	7.6	0.66	2.80
RSC-042	1.5	16.8	15.2	0.35	1.00
RSC-042	32.0	56.4	24.4	0.68	1.00
RSC-042	61.0	67.1	6.1	0.51	1.00
RSC-042	71.6	80.8	9.1	0.46	1.00
RSC-042	85.3	140.2	54.9	0.70	1.00
RSC-042	147.8	224.0	76.2	1.70	1.40
including	184.4	189.0	4.6	8.04	3.70
RSC-043	83.8	96.0	12.2	0.48	4.40
RSC-043	105.2	157.0	51.8	0.78	5.70
RSC-043	161.5	172.2	10.7	2.31	11.20
RSC-043	176.8	196.6	19.8	2.97	16.30
including	192.0	195.4	3.4	14.10	68.40
RSC-043	201.2	205.7	4.6	0.90	2.30
RSC-043	207.3	211.8	4.6	0.45	1.40
RSC-043	231.7	237.7	6.1	1.63	2.10
RSC-043	297.2	304.8	7.6	1.10	1.40
RSC-043	321.6	329.2	7.6	0.45	1.00
RSC-043	384.1	388.6	4.6	1.27	1.00
RSC-043	413.0	420.6	7.6	1.66	1.00
RSC-043	433.5	442.0	8.4	0.55	1.10
RSC-043	490.7	494.7	4.0	0.74	1.40
RSC-043	547.1	553.2	6.1	0.42	2.50
RSC-044	35.1	39.6	4.6	0.34	1.00
RSC-044	125.0	141.7	16.8	0.68	3.40
RSC-044	147.8	166.1	18.3	0.49	1.80
RSC-045	12.2	61.0	48.8	1.18	1.00
RSC-045	82.3	105.2	22.9	0.49	1.00
RSC-045	108.2	120.4	12.2	0.49	1.00
RSC-045	123.4	219.5	96.0	0.59	1.10



RSC-045	236.2	240.8	4.6	0.27	1.00
RSC-045	251.5	265.2	13.7	0.31	1.00
RSC-046	338.3	342.9	4.6	0.38	3.00
RSC-046	346.0	355.1	9.1	0.66	1.50
RSC-046	361.2	365.8	4.6	0.43	1.00
RSC-046	393.2	419.1	25.9	2.06	1.40
RSC-046	423.7	429.8	6.1	0.69	2.00
RSC-046	432.8	437.4	4.6	0.64	1.00
RSC-046	449.6	457.2	7.6	0.60	1.00
RSC-047	9.1	16.8	7.6	0.50	1.00
RSC-047	21.3	79.3	57.9	0.62	1.00
RSC-047	99.1	170.7	71.6	1.31	1.10
RSC-047	208.8	213.4	4.6	0.35	1.00
RSC-047	225.6	230.1	4.6	0.45	1.00
RSC-047	315.5	320.0	4.6	0.41	1.00
RSC-048	61.0	68.6	7.6	0.31	1.00
RSC-048	123.4	141.7	18.3	0.54	2.20
RSC-048	164.6	172.2	7.6	0.30	1.00
RSC-048	182.9	189.0	6.1	0.77	2.50
RSC-048	364.2	368.8	4.6	0.40	1.00
RSC-049	74.7	77.7	3.1	2.97	56.20
RSC-049	131.1	160.0	29.0	1.80	6.00
RSC-049	164.6	182.9	18.3	0.85	2.30
RSC-049	193.6	248.4	54.9	1.28	2.90
RSC-049	406.9	414.5	7.6	0.41	1.00
RSC-049	463.3	467.9	4.6	0.56	25.30
RSC-050	295.7	300.2	4.6	0.35	14.70
RSC-051	204.2	216.4	12.2	0.32	1.00
RSC-051	219.5	228.6	9.1	1.99	1.20
RSC-051	240.8	288.0	47.2	1.15	1.10
RSC-052	111.3	115.8	4.6	0.44	1.00
RSC-052	141.7	152.4	10.7	0.35	1.00
RSC-052	240.8	253.0	12.2	0.41	1.00
RSC-053	67.1	73.2	6.1	0.65	6.30
RSC-053	128.0	135.6	7.6	0.52	7.80
RSC-053	141.7	173.7	32.0	2.14	12.40
RSC-053	176.8	181.4	4.6	0.49	3.00
RSC-053	288.0	309.4	21.3	1.67	1.50



including	306.3	309.4	3.1	7.64	4.00
RSC-053	313.9	321.6	7.6	0.43	1.00
RSC-053	333.8	338.3	4.6	0.47	1.00
RSC-053	355.1	362.7	7.6	0.42	1.60
RSC-053	373.4	385.6	12.2	0.67	1.60
RSC-054	256.0	271.3	15.2	0.74	4.80
RSC-054	321.6	330.7	9.1	0.89	2.30
RSC-054	335.3	355.1	19.8	0.58	1.30
RSC-054	362.7	368.8	6.1	0.50	1.00
RSC-054	371.9	376.4	4.6	0.58	1.00
RSC-054	379.5	411.5	32.0	1.20	3.20
RSC-055	47.2	51.8	4.6	0.41	1.00
RSC-055	68.6	74.7	6.1	0.30	1.00
RSC-055	153.9	158.5	4.6	0.35	1.00
RSC-055	195.1	207.3	12.2	0.60	1.30
RSC-055	245.4	260.6	15.2	0.93	2.60
RSC-056	83.8	93.0	9.1	0.48	2.80
RSC-056	123.4	132.6	9.1	0.46	1.50
RSC-056	135.6	240.8	105.2	1.30	6.80
including	196.6	199.6	3.1	9.57	57.00
RSC-056	210.3	217.9	7.6	2.92	8.30
RSC-057	57.9	62.5	4.6	0.51	1.00
RSC-057	79.3	86.9	7.6	0.51	1.80
RSC-057	89.9	99.1	9.1	0.65	3.70
RSC-057	150.9	155.5	4.6	0.79	3.30
RSC-057	179.8	184.4	4.6	1.73	10.10
RSC-057	303.3	312.4	9.1	0.51	1.30
RSC-057	323.1	327.7	4.6	0.58	1.70
RSC-057	342.9	353.6	10.7	0.41	1.00
RSC-057	358.1	365.8	7.6	1.10	1.00
RSC-058	33.5	41.2	7.6	0.44	1.00
RSC-058	109.7	126.5	16.8	0.30	1.00
RSC-058	256.0	262.1	6.1	0.41	1.00
RSC-059	42.7	47.2	4.6	1.22	4.00
RSC-059	51.8	56.4	4.6	0.64	1.70
RSC-059	73.2	79.3	6.1	0.41	1.00
RSC-059	115.8	121.9	6.1	0.47	1.00
RSC-059	169.2	178.3	9.1	0.42	1.00



RSC-059	187.5	193.6	6.1	0.62	2.50
RSC-059	221.0	228.6	7.6	0.72	3.40
RSC-060	326.1	350.5	24.4	0.88	3.60
RSC-060	361.2	408.4	47.2	0.50	1.50
RSC-060	426.7	446.5	19.8	0.48	2.20
RSC-061	277.4	320.0	42.7	0.44	1.80
RSC-062	64.0	68.6	4.6	0.41	1.70
RSC-063	463.3	478.5	15.2	0.55	1.00
RSC-063	516.6	521.2	4.6	0.32	1.00
RSC-063	536.5	541.0	4.6	1.53	3.00
RSC-064	3.1	10.7	7.6	0.41	1.40
RSC-064	21.3	32.0	10.7	0.32	1.00
RSC-064	67.1	80.8	13.7	0.60	2.20
RSC-064	109.7	123.4	13.7	0.43	1.20
RSC-064	158.5	176.8	18.3	0.64	2.70
RSC-064	199.6	204.2	4.6	0.36	1.00
RSC-064	224.0	256.0	32.0	0.54	2.10
RSC-064	295.7	304.8	9.1	0.48	1.20
RSC-064	333.8	353.6	19.8	0.35	1.10
RSC-064	362.7	379.5	16.8	0.38	2.20
RSC-064	388.6	422.2	33.5	0.40	0.60
RSC-064	428.2	442.0	13.7	0.26	1.00
RSC-065	205.7	210.3	4.6	0.40	1.00
RSC-065	483.1	487.7	4.6	0.31	1.00
RSC-066	153.9	167.6	13.7	0.33	1.00
RSC-066	242.3	248.4	6.1	0.22	1.00
RSC-067	None				
RSC-068	51.8	83.8	32.0	0.44	1.50
RSC-068	89.9	97.5	7.6	0.40	1.80
RSC-068	103.6	108.2	4.6	0.48	2.30
RSC-068	112.8	117.4	4.6	0.39	1.70
RSC-068	181.4	204.2	22.9	1.08	2.50
RSC-068	213.4	237.7	24.4	0.42	1.30
RSC-068	243.8	248.4	4.6	0.52	1.00
RSC-068	253.0	262.1	9.1	0.44	1.30
RSC-068	265.2	281.9	16.8	0.56	1.50
RSC-068	381.0	385.6	4.6	0.63	2.30
RSC-069	112.8	125.0	12.2	1.52	8.20



RSC-069	334.9	342.9	8.0	0.55	3.20
RSC-070	143.3	161.5	18.3	1.79	4.80
RSC-070	175.3	237.7	62.5	1.62	5.80
including	205.7	210.3	4.6	9.83	18.10
RSC-071	169.2	175.3	6.1	0.38	1.30
RSC-071	196.6	202.7	6.1	0.35	1.00
RSC-072	None				
RSC-073	None				
RSC-074	269.8	294.1	24.4	0.54	1.30
RSC-074	349.0	355.1	6.1	0.70	1.00
RSC-074	358.1	364.2	6.1	0.36	1.00
RSC-075	182.9	198.1	15.2	0.79	4.70
RSC-075	204.2	222.5	18.3	0.46	0.30
RSC-076	198.1	236.2	38.1	1.78	29.60
RSC-076	242.3	256.0	13.7	3.93	5.80
RSC-076	283.5	307.9	24.4	0.69	1.60
RSC-076	324.6	341.4	16.8	1.25	2.50
RSC-077	111.3	120.4	9.1	1.26	15.60
RSC-077	164.6	193.6	29.0	3.58	5.40
including	176.8	179.8	3.1	20.75	19.70
RSC-077	249.9	266.7	16.8	1.20	2.30
RSC-077	272.8	288.0	15.2	0.39	1.30
RSC-077	291.1	297.2	6.1	0.98	1.00
RSC-077	330.7	347.5	16.8	0.43	1.00
RSC-077	390.1	395.6	5.5	0.95	1.60
RSC-078	173.7	249.9	76.2	1.77	2.20
RSC-078	269.8	281.9	12.2	1.02	1.30
RSC-079	24.4	29.0	4.6	0.31	1.00
RSC-079	36.6	141.7	105.2	0.62	3.60
RSC-079	175.3	193.6	18.3	0.66	1.90
RSC-080	230.1	263.7	33.5	0.89	1.50
RSC-081	170.7	176.8	6.1	0.30	1.00
RSC-082	39.6	57.9	18.3	0.37	0.30
RSC-082	97.5	115.8	18.3	0.47	0.40
RSC-082	140.2	164.6	24.4	1.00	2.50
RSC-083	44.2	74.7	30.5	0.55	1.00
RSC-083	79.3	96.0	16.8	0.40	1.00
RSC-083	100.6	193.6	93.0	1.03	1.40



RSC-084	160.0	172.2	12.2	0.71	1.50
RSC-084	176.8	196.6	19.8	1.01	2.50
RSC-084	259.1	268.2	9.1	0.32	1.00
RSC-084	315.5	323.1	7.6	0.39	1.00
RSC-085	160.0	166.1	6.1	1.11	6.60
RSC-085	175.3	260.6	85.3	1.07	3.60
RSC-085	271.3	309.4	38.1	1.56	4.40
RSC-085	313.9	376.4	62.5	1.03	2.30
RSC-086	None				
RSC-087	1.5	15.2	13.7	0.37	1.00
RSC-087	140.2	157.0	16.8	0.56	1.10
RSC-087	166.1	202.7	36.6	1.11	1.40
RSC-087	242.3	254.5	12.2	0.68	1.10
RSC-087	272.8	276.8	4.0	0.46	1.00
RSC-088	None				
RSC-089	41.2	61.0	19.8	0.78	2.20
RSC-089	83.8	242.3	158.5	2.64	6.60
including	146.3	153.9	7.6	9.88	14.20
including	225.6	233.2	7.6	17.81	14.30
RSC-089	254.5	260.6	6.1	0.77	2.50
RSC-089	280.4	286.5	6.1	12.78	3.70
RSC-089	292.6	298.7	6.1	1.13	2.50
RSC-089	315.5	361.2	45.7	0.51	1.30
RSC-090	79.3	199.6	120.4	1.64	4.30
including	158.5	170.7	12.2	8.26	9.40
RSC-090	249.9	254.5	4.6	0.42	1.00
RSC-090	263.7	339.9	76.2	0.97	1.80
RSC-090	364.2	373.4	9.1	1.11	1.20
RSC-091	74.7	123.4	48.8	0.96	5.50
RSC-091	134.1	163.1	29.0	0.91	3.70
RSC-091	184.4	193.6	9.1	0.74	1.50
RSC-091	221.0	228.6	7.6	0.70	1.40
RSC-091	266.7	271.3	4.6	0.68	1.70
RSC-092	12.2	19.8	7.6	0.39	1.40
RSC-092	86.9	201.2	114.3	1.00	4.40
RSC-092	291.1	295.7	4.6	0.60	2.00
RSC-092	300.2	353.6	53.3	0.47	1.30
RSC-092	358.1	420.6	62.5	0.74	1.80



RSC-092	432.8	440.4	7.6	0.46	1.00
RSC-092	493.8	499.0	5.2	0.59	1.00
RSC-093	94.5	176.8	82.3	3.00	10.00
RSC-093	202.7	221.0	18.3	1.65	4.90
RSC-093	227.1	236.2	9.1	0.54	2.00
RSC-093	240.8	266.7	25.9	0.43	1.10
RSC-093	271.3	297.2	25.9	0.43	1.50
RSC-093	300.2	313.9	13.7	0.45	2.30
RSC-093	330.7	338.3	7.6	0.28	1.00
RSC-093	364.2	373.4	9.1	0.46	1.30
RSC-093	381.0	385.6	4.6	0.36	1.00
RSC-093	390.1	405.4	15.2	0.47	1.00
RSC-093	422.2	431.3	9.1	0.36	1.30
RSC-094	15.2	35.1	19.9	0.32	1.00
RSC-094	42.7	118.9	76.2	0.37	2.30
RSC-094	269.8	309.4	39.6	0.51	1.00
RSC-095	None				
RSC-096	175.3	260.6	85.3	0.41	2.00
RSC-097	4.6	35.1	30.5	0.47	1.00
RSC-098	172.2	214.9	42.7	0.76	2.29
RSC-098	249.9	265.2	15.3	0.31	1.27
RSC-098	277.4	289.6	12.2	0.50	1.25
RSC-098	318.5	341.4	22.9	0.63	1.63
RSC-099	3	21.3	18.3	0.44	1.00
RSC-099	79.2	207.3	128.1	1.16	1.15
including	86.9	129.5	42.6	2.40	1.49
RSC-100	196.6	269.8	73.2	1.39	1.46
including	230.1	233.2	3.1	5.45	2.00
including	245.4	249.9	4.5	5.95	3.00
RSC-101	216.4	269.7	53.3	0.80	1.20
including	249.9	256	6.1	2.14	1.60
RSC-101	300.2	326.1	25.9	0.53	1.06
RSC-101	364.2	381	16.8	0.77	1.33
RSC-101	390.1	426.7	36.6	1.62	3.29
including	406.9	426.7	19.8	2.59	5.23
including	410	414.5	4.5	6.96	17.00
RSC-102	4.6	36.6	32.0	0.65	1.00
RSC-102	50.3	62.5	12.2	0.82	1.00



RSC-103	0	53.3	53.3	0.48	1.00
RSC-104	4.5	21.3	16.8	0.50	1.00
RSC-104	41.1	102.1	61.0	0.47	1.03
RSC-104	111.3	182.9	71.6	0.86	1.04
including	160	181.3	21.3	1.78	1.14
including	169.2	178.3	9.1	2.95	1.33
RSC-105	100.6	109.7	9.1	1.22	5.17
RSC-105	170.7	201.2	30.5	0.82	2.95
RSC-105	208.8	217.9	9.1	0.62	1.43
RSC-105	236.2	249.9	13.7	0.76	2.00
RSC-105	257.6	317	59.4	0.64	1.31
RSC-106	121.9	152.4	30.5	0.76	1.00
RSC-106	187.5	228.6	41.1	0.84	1.07
including	202.7	207.3	4.6	3.65	1.67
RSC-107	114.3	144.8	30.5	0.41	1.00
RSC-107	184.4	205.7	21.3	0.99	1.00
RSC-108	173.7	189	15.2	0.65	1.00
RSC-109	160	205.7	45.7	0.69	0.82
including	175.3	182.9	7.6	1.78	
RSC-110	None				
RSC-111	143.3	160	16.8	0.73	2.64
RSC-111	207.3	225.6	18.3	1.31	2.25
including	211.8	219.5	7.6	2.53	4.00
RSC-111	246.9	256	9.1	0.61	1.33
RSC-111	333.8	345.9	12.2	0.94	2.13
RSC-111	394.7	414.5	19.2	0.92	1.92
including	403.9	406.9	3.0	4.74	7.00
**	495.3	740.7	245.4	0.30	1.42
including	664.5	672.1	7.6	1.07	5.40
RSC-111.1	333.8	349	15.2	1.25	2.40
RSC-111.1	396.3	405.4	9.1	1.00	2.86
**	477	722.4	245.4	0.41	2.25
including	499.9	556.3	56.4	1.00	2.80
including	515.1	538	22.9	1.67	5.21
RSC-112	120.4	157	36.6	0.33	1.00
RSC-113	50.3	82.3	32.0	0.48	1.24
RSC-113	204.2	228.6	24.4	1.01	1.94
RSC-113	234.7	245.4	10.7	0.46	1.00



RSC-113	262.1	274.3	12.2	0.52	1.00
RSC-113	324.6	338.3	13.7	1.01	2.00
**	435.9	632.5	196.6	0.41	1.28
including	490.7	542.5	51.8	1.01	1.88
including	502.9	509	6.1	2.00	3.25
including	533.4	539.5	6.1	2.14	3.75
including	580.6	585.2	4.6	2.23	3.00
including	608.1	632.5	24.4	0.41	1.00
RSC-113	234.7	245.4	10.7	0.50	1.00
RSC-113	262.1	274.3	12.2	0.52	1.00
RSC-113	324.6	338.3	13.7	1.01	2.00
**	435.9	632.5	196.6	0.41	1.28
including	490.7	542.5	51.8	1.01	1.88
including	502.9	509	6.1	2.00	3.25
including	533.4	539.5	6.1	2.14	3.75
including	580.6	585.2	4.6	2.23	3.00
including	608.1	632.5	24.4	0.41	1.00
RSC-114	202.7	236.2	33.5	0.66	1.91
including	221	224	3.0	2.71	1.00
RSC-114	254.5	266.7	12.2	0.64	1.38
RSC-115	None				
RSC-116	None				
RSC-117	None				
RSC-118	234.7	271.3	36.6	0.88	3.29
including	248.4	271.3	22.9	1.25	4.47
including	248.4	254.5	6.1	2.38	7.75
RSC-118.1	298.1	318.5	20.4	0.86	1.85
**	355.1	609.6	254.5	0.30	1.00
RSC-119	None				
RSC-120	10.7	21.4	10.7	0.41	2.29
RSC-120	70.1	82.3	12.2	0.45	2.00
RSC-120	173.7	202.7	29.0	0.92	1.95
including	175.3	178.3	3.0	3.00	6.50
RSC-120	210.3	237.7	27.4	1.06	1.44
**	252.9	446.5	193.6	0.37	1.46
RSC-121	178.3	189	10.7	1.24	1.29
including	179.8	182.9	3.6	3.60	2.00
RSC-122	166.1	204.2	38.1	2.85	7.46



including	166.1	175.3	9.1	5.39	14.00
including	195.1	202.7	7.6	4.63	9.40
including	272.8	278.9	6.1	0.73	2.50
RSC-122	303.3	313.3	10.1	0.50	1.00
RSC-123	83.8	170.7	86.9	1.46	5.47
including	97.5	135.6	38.1	2.56	8.65
including	108.2	129.5	21.3	3.66	9.00
RSC-124	214.9	219.5	4.6	1.72	4.00
RSC-125	140.2	153.9	13.7	0.58	2.56
RSC-125	195.1	222.5	27.4	0.72	3.06
**	417.6	568.5	150.9	0.42	1.37
including	490.7	495.3	4.6	1.94	2.00
RSC-126	38.1	71.6	33.5	0.51	1.41
RSC-126	163.1	324.6	161.5	1.84	2.96
including	172.2	248.4	76.2	3.14	4.41
including	172.2	179.8	7.6	7.29	7.30
including	222.5	248.4	25.9	5.70	6.44
including	224	227.9	3.9	18.77	8.50
RSC-127	None				
RSC-128	64	288	224.0	1.03	3.32
including	114.3	125	10.7	1.90	5.57
including	138.7	150.9	12.2	2.02	3.38
including	172.2	201.2	29.0	2.21	6.81
including	172.2	178.3	6.1	4.87	12.00
including	210.3	217.9	7.6	1.83	4.00
including	260.6	274.3	13.7	1.74	5.44
including	278.9	285	6.1	1.96	4.75
RSC-128	338.3	355.1	16.8	1.05	1.36
including	347.5	350.5	3.0	4.15	3.00
RSC-128	373.4	382.5	9.1	0.97	1.00
RSC-129	109.7	129.5	19.8	0.32	2.67
RSC-129	253	303.3	50.3	0.48	1.06
RSC-130	12.2	24.4	12.2	0.40	1.00
RSC-130	106.7	285	178.3	1.51	2.76
including	137.1	147.8	10.7	5.89	8.20
including	170.7	205.8	35.1	3.90	5.78
RSC-130	312.4	326.1	13.7	0.91	2.00
RSC-131	0	205.7	205.7	0.59	2.49



including	172.2	199.6	27.4	2.04	6.08
RSC-132	6.1	340.8	334.7	1.12	3.15
including	117.3	210.3	93.0	2.68	7.21
including	192	210.3	18.3	5.17	13.63
RSC-133	62.6	152.4	89.9	0.77	3.41
including	100.6	147.9	47.3	1.16	5.39
RSC-133	201.2	260.6	59.4	0.42	1.23
including	210.3	225.5	15.2	1.08	1.00
RSC-134	24.4	38.1	13.7	0.41	2.56
RSC-134	86.9	100.6	13.7	0.91	1.67
RSC-134	208.8	330.7	121.9	1.00	1.78
including	277.4	291.1	13.7	40.60	3.89
RSC-135	4.6	410	405.4	1.31	3.08
including	4.6	272.8	268.2	1.80	4.89
including	102.1	152.4	50.3	5.87	11.74
including	115.8	120.4	4.6	10.43	19.30
including	144.8	152.4	7.6	21.82	21.78
including	167.6	192	24.4	2.87	3.50
including	210.3	221	10.7	2.98	2.86
RSC-136	6.1	27.4	21.3	0.38	1.57
RSC-136	150.9	192	41.1	0.74	1.52
RSC-136	222.5	304.8	82.3	1.87	3.11
including	228.6	249.9	21.3	4.68	5.87
including	237.7	243.8	6.1	10.85	9.55
RSC-137	201.2	227.1	25.9	1.17	2.88
RSC-137	335.3	371.9	36.6	1.09	1.63
RSC-138	102.1	240.8	138.7	1.15	3.04
RSC-139	None				
RSC-140	93	135.6	42.7	0.87	5.36
RSC-140	169.2	210.3	41.1	1.15	2.00
RSC-140	274.3	300.2	25.9	0.41	1.00
RSC-141	0	332.2	332.2	1.28	4.24
including	129.5	172.2	42.7	3.91	9.26
including	150.9	167.6	16.8/	7.26	13.83
RSC-142	None				
RSC-143	227.1	275.9	48.8	0.61	1.50
RSC-143	295.7	355.1	59.4	0.34	1.18
RSC-144	41.1	292.6	251.5	1.50	4.58



including	108.2	146.3	38.1	3.18	12.33
including	109.7	128	18.3	3.80	8.77
including	214.9	228.6	13.7	7.81	13.40
including	221	228.6	7.6	12.05	18.32
RSC-145	0	313.3	313.3	1.94	3.84
including	102.1	120.4	18.3	4.70	11.21
including	103.6	111.2	7.6	8.11	11.52
including	140.2	146.3	6.1	10.47	29.03
including	163.1	182.9	19.8	3.79	5.29
including	225.6	246.9	21.3	10.00	6.64
including	236.2	245.3	9.1	18.57	8.00
RSC-146	196.6	205.7	9.1	0.50	1.00
RSC-146	260.6	298.7	38.1	0.92	2.00
RSC-147	176.8	260.6	83.8	0.74	1.18
including	228.6	237.7	9.1	2.99	1.33
RSC-148	48.8	149.4	100.6	0.54	3.81
RSC-148	163	306.3	143.3	0.79	1.76
including	172.2	240.8	68.6	1.18	2.49
RSC-148	328.2	371.9	42.7	0.83	1.66
RSC-148	413	443.5	30.5	1.20	1.25
RSC-149	242.3	329.2	86.9	0.60	2.09
RSC-150	71.6	120.4	48.8	0.32	1.00
RSC-150	135.6	170.7	35.1	0.47	1.09
RSC-150	182.9	214.9	32.0	1.14	1.00
RSC-151	231.6	262.1	30.5	0.37	1.15
RSC-151	292.6	304.8	12.2	0.30	1.38
RSC-152	73.2	99.1	25.9	0.48	1.95
RSC-152	126.5	137.2	10.7	0.32	1.57
RSC-152	198.1	318.5	120.4	0.53	1.42
RSC-153	1.5	33.5	32.0	0.31	1.00
RSC-153	91.4	193.5	102.1	1.72	1.54
including	147.8	184.4	36.6	3.38	1.71
including	147.8	156.9	9.1	7.06	2.83
RSC-153	167.6	175.2	7.6	3.99	2.00
RSC-154	79.2	91.4	12.2	0.83	1.38
RSC-154	118.9	137.1	16.8	0.42	1.00
RSC-154	176.8	286.5	109.7	1.02	2.04
including	207.3	246.9	39.6	2.11	3.27



RSC-155	7.6	27.4	19.8	0.50	1.00
RSC-155	112.8	193.6	80.8	0.95	1.40
including	138.7	185.9	47.2	1.34	1.68
RSC-156	0	61	61.0	0.32	1.25
RSC-156	99.1	164.6	65.5	0.69	1.33
including	128	135.6	7.6	2.01	2.20
RSC-156	155.5	164.6	9.1	2.46	1.17
RSC-157	10.67	21.34	10.7	0.43	0.37
RSC-157	172.21	198.12	25.0	0.28	0.89
RSC-158	166.116	201.168	35.1	0.28	1.13
including	181.356	185.928	4.6	0.55	2.77
RSC-158	234.696	251.46	16.8	0.29	1.16
including	240.792	246.888	6.1	0.51	2.08
RSC-158	278.892	288.036	9.1	0.36	2.30
RSC-159	0	19.812	19.8	0.35	0.44
including	12.192	16.764	4.6	0.59	0.63
RSC-159	152.4	166.116	13.7	0.24	1.69
RSC-159	173.736	193.548	19.8	0.24	2.39
RSC-159	217.932	224.028	6.1	0.27	1.08
RSC-160	33.528	316.3824	282.9	1.08	4.28
including	60.96	82.296	21.3	2.54	19.58
including	74.676	82.296	7.6	5.89	50.72
including	211.836	251.46	39.6	2.57	5.18
including	216.408	224.028	7.6	5.17	8.12
including	236.22	240.792	4.6	5.47	8.50
RSC-161	None				
RSC-162	222.504	230.124	7.6	0.29	0.94
RSC-162	240.79	266.7	25.9	0.24	0.08
including	260.604	266.7	6.1	0.60	0.08
RSC-163	54.864	121.92	67.1	0.25	0.71
including	83.82	89.916	6.1	0.51	1.50
RSC-164	128.016	158.496	30.5	0.28	0.51
including	140.208	147.828	7.6	0.56	0.56
RSC-164	280.416	372.1608	91.7	0.24	1.25
including	333.756	339.852	6.1	0.53	2.05
RSC-165	86.868	277.368	190.5	0.41	2.03
including	86.868	202.692	115.8	0.50	2.08



including	137.16	176.784	39.6	1.00	2.90
RSC-166	None				
RSC-167	163.068	303.276	140.2	0.33	2.39
including	176.784	239.268	62.5	0.51	2.15
including	204.216	208.788	4.6	1.27	3.07
including	256.032	260.604	4.6	0.65	2.20
RSC-168	219.456	231.648	12.2	0.31	0.93
including	224.028	230.124	6.1	0.56	1.50
RSC-168	259.08	266.7	7.6	2.50	0.36
RSC-168	303.276	309.372	6.1	0.96	2.20
RSC-168	327.66	332.232	4.6	0.50	0.80
RSC-168	387.096	406.908	19.8	0.63	2.91
RSC-168	449.58	457.2	7.6	0.35	0.60
RSC-168	478.536	493.776	15.2	0.28	1.16
including	478.536	483.108	4.6	0.52	2.73
RSC-168	502.92	516.636	13.7	0.25	0.88
RSC-168	551.688	560.832	9.1	0.27	0.87
RSC-168	562.356	568.452	6.1	0.24	0.85
RSC-168	582.168	601.98	19.8	0.26	1.52
including	586.74	591.312	4.6	0.55	4.03
RSC-168	605.028	615.696	10.7	0.41	3.56
including	606.552	611.124	4.6	0.60	6.10
RSC-169	140.208	156.972	16.8	0.25	0.98
RSC-169	198.12	254.508	56.4	0.27	1.51
RSC-169	288.036	298.704	10.7	0.26	2.14
RSC-170	47.244	60.96	13.7	0.25	1.00
RSC-170	126.492	228.6	102.1	0.69	3.61
including	164.592	170.688	6.1	1.06	4.73
including	187.452	192.024	4.6	1.47	4.90
including	202.692	225.552	22.9	1.09	4.05
RSC-171	44.196	73.152	29.0	0.28	0.98
including	56.388	64.008	7.6	0.63	1.80
RSC-171	83.82	92.964	9.1	0.26	0.92
RSC-171	134.112	141.732	7.6	0.31	0.84
RSC-171	156.972	163.068	6.1	0.44	1.23
RSC-171	166.116	228.6	62.5	1.84	4.40
including	187.452	227.076	39.6	2.63	5.39
including	195.072	208.788	13.7	6.08	10.28



including	201.168	207.264	6.1	10.70	11.90
RSC-171	284.988	298.704	13.7	0.31	1.07
including	288.036	292.608	4.6	0.55	1.47
RSC-172	246.888	251.46	4.6	0.24	4.70
RSC-173	None				
RSC-174	None				
RSC-175	128	170.7	42.7	1.13	7.73
including	134.1	147.8	13.7	0.5	1.40
including	161.5	163.1	1.6	21.5	156.00
RSC-176	284.9	294.1	9.2	0.99	5.06
RSC-177	170.7	175.3	4.6	0.32	0.67
RSC-178	None				
RSC-179	202.7	207.3	4.6	0.306	1.37
including	202.7	204.2	1.5	0.606	3.20
RSC-180	199.6	202.7	3.1	9.302	6.50
RSC-180	303.3	307.8	4.5	0.522	0.20

\*\* These intervals are broad zones of gold mineralization associated with porphyry dikes. Lower grade intervals are included in the averages for these intervals

### 10.3.3 Geological Logging

Drillers deliver core to a core storage facility in Alcova, WY. There, geologists complete a geotechnical log and quick log identifying major lithologies, and alteration and mineralization patterns. The quick log is used for planning purposes. The core is then transported via company truck to the Colorado core facility for detailed logging. The geotechnical log includes recovery, RQD, fractures per foot and rock strength.

In the Longmont core laboratory, core is washed, then marked for sampling and photographed and a detailed geological log is made. This log includes details of the lithology, alteration, and mineralization. The logging codes are adequate for geological modeling and for future resource estimation.



## **11.0 SAMPLE PREPARATION, ANALYSES, AND SECURITY**

It is the QP's opinion that sample preparation, security, and analytical procedures are adequate through the course of drilling and exploration at the Rattlesnake Hills Project.

### **11.1 Sample Preparation**

All samples from 2008 -2010 were prepared at SGS (Elko). Samples initially were pre-processed, sorted, logged, and boxed. Samples were then dried at 105°C and crushed to 75% passing 2 mm, and split and pulverized to 85% passing 75 µm. Samples were then weighed in preparation for assaying. SGS (Elko) is independent of EGC and is ISO 17025 accredited.

All samples from 2011 were prepared at AAL (Sparks). Samples initially were pre-processed, sorted, logged, and boxed. Samples were then dried at 90°C, crushed to 90%-10mesh, and split and pulverized to 97%-10mesh. Samples were then weighed in preparation for assaying. AAL is not ISO certified. It does participate in CANMET PTP-MAL, GEOSTATS, SMA, and IOAG twice per year. AAL is reported to be a "reputable" laboratory under the Mineral Exploration Best Practices Guidelines.

### **11.2 Assaying**

All samples were analyzed at either SGS (2008-2010) or AAL (2011.) SGS (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests. Table 11-1 summarizes current analytical procedures and detection limits.

Core samples at SGS were initially analyzed for Au by fire assay with ICP finish of Au. This provides an upper detection limit of 10 g/t Au. If that limit was exceeded, the sample was reanalyzed by fire assay with a gravimetric determination of Au. Au was determined on a number of samples by screen fire assay after screening the sample at 106 µm.

A suite of 33 trace elements, including Ag, were analyzed by digesting prepared samples in aqua-regia (3:1 HCl:HNO<sub>3</sub>) and analyzing the solution by ICP AES (atomic emission spectra). A small number of samples in 2010 were analyzed for 55 trace elements including Ag by digesting prepared samples in sodium peroxide fusion and analyzing the solution using ICP-AEM and ICP-MS. Ag exceeding 10 ppm was



analyzed by three acid digestion followed with atomic absorption determination of Ag or by fire assay with gravimetric determination of Ag.

Core samples at AAL were initially analyzed for Au by fire assay with ICP finish. Samples with an Au value  $\geq 3$  g/t were reanalyzed by fire assay with a gravimetric determination.

A suite of 68 elements including Ag were analyzed by digesting prepared samples in two acids ( $\text{HNO}_3 + \text{HCl}$ ) and analyzing the solution by ICP. Ag values exceeding 100ppm were analyzed by fire assay with gravimetric determination.

### **11.3 Density (Tonnage Factors)**

Density data for Rattlesnake Hills samples were determined by drying a nominal 15 cm-long piece of core, weighing the core, coating the core with paraffin wax, weighing the sample again, immersing the sample in water and weighing. This procedure is a standard procedure. Data are summarized in Table 11-2.



**Table 11-1: Summary of Current Analytical Procedures (Including SGS Procedure Number) with Lower Detection Limits (LDL) and Upper Detection Limits (UDL)**

**SGS Minerals**

Analyte	LDL	UDL	Unit	Procedure	Aliquot (g)	Description
WtKg	0.001	none	kg	WGH79	any	Balance
Au	0.001	10	ppm	FAI303	30	FA/ICP-AES
Au	0.001	10	ppm	FAI313	30g/5ml	FA/ICP-AES
Au	0.005	10	ppm	FAI323	30	FA/ICP-AES
Au	3	none	g/t	FAG303	30	FA/Gravimetric
Au	0.001	none	g/t	FAS31K	30	Screen Fire Assay
Au	0.03	100	ppm	BLE643	30	Mini cyanide leach/AAS Finish
Ag	2	10	ppm	ICP14B	0.2	Aqua regia/ICP-AES
Ag	1		ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Ag	0.3	300	g/t	AAS21E	>2	3 acid/AAS
Ag	3	none	g/t	FAG313	30	FA/Gravimetric
Al	100	15	ppm	ICP14B	0.2	Aqua regia/ICP-AES
Al	100	25000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
As	3	10000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
As	5	100000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Ba	1	10000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
Ba	0.05	100000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Be	0.5	2500	ppm	ICP14B	0.2	Aqua regia/ICP-AES
Be	5	25000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Bi	5	10000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
Bi	0.1		ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Ca	100	150000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
Ca	1000	350000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Cd	1	10000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
Cd	0.2	10000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Ce	0.1	10000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Co	1	10000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
Co	0.5	10000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
CO <sub>2</sub>		500	ppm	CSB02V		Coulometry
Cr	1	10000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
Cr	10	100000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Cs	0.1	10000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Cu	0.5	10000	ppm	ICP14B	0.2	Aqua regia/ICP-AES



Cu	5	10000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Dy	0.05	1000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Er	0.05	1000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Eu	0.05	1000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Fe	100	150000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
Fe	100	300000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Ga	1	1000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Gd	0.05	1000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Ge	1	1000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Hf	1	10000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Hg	1	10000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
Ho	0.05	1000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
In	0.2	1000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
K	0.01	150000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
K	1000	250000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
La	0.5	10000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
La	0.1	10000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Li	1	10000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
Li	10	50000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Lu	0.05	1000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Mg	100	150000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
Mg	100	300000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Mn	2	10000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
Mn	10	100000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Mo	1	10000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
Mo	2	10000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Na	100	150000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
Nb	1	10000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Nd	0.1	10000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Ni	1	10000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
Ni	5	10000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
P	100	150000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
P	100	250000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Pb	2	10000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
Pb	5	10000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Pr	0.05	1000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Rb	0.2	10000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS



S	100	5000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
S	0.05	30000	ppm	CSA06V		Furnace/IR
S <sup>2-</sup>	0.01	10000	ppm	CSA08V		Various
Sb	5	10000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
Sb	0.5	1000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Sc	5	10000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
Sc	5	50000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Sm	0.1	1000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Sn	10	10000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
Sn	1	10000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Sr	0.5	50000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
Sr	0.1	10000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Ta	0.5	10000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Tb	0.05	1000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Th	0.1	1000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Ti	100	150000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
Ti	100	250000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Tl	0.5	1000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Tm	0.05	1000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
U	0.05	1000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
V	2	10000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
V	5	10000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
W	10	10000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
W	1	10000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Y	0.5	10000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
Y	5	1000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Yb	0.1	1000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Zn	1	10000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
Zn	5	10000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS
Zr	0.5	10000	ppm	ICP14B	0.2	Aqua regia/ICP-AES
Zr	5	10000	ppm	ICM90A	0.2	Na <sub>2</sub> O <sub>2</sub> Fusion/ICP-AES/ICP-MS

**American Assay Labs**

Analyte	LDL	UDL	Unit	Procedure	Aliquot (g)	Description
Dry Weight	none	none	lbs	WEIGHDry	any	Balance
Au	3		ppb	FA-PB30	30	FA/ICP finish
Au	0.1		ppm	GRAVAu	30	FA/Gravimetric



Au	2	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Ag	0.1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Ag	7	ppm	GRAVAg		FA/Gravimetric
Al	5	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
As	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
B	3	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Ba	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Be	0.02	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Bi	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Ca	10	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Cd	0.2	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Ce	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Co	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Cr	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Cu	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Dy	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Er	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Eu	0.5	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Fe	10	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Ga	2	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Gd	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Ge	2	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Hf	2	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Hg	0.2	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Ho	0.5	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
In	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Ir	5	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
K	20	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
La	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Li	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Lu	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Mg	10	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Mn	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Mo	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Na	10	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Nb	2	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Nd	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Ni	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP



Os	5	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
P	2	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Pb	2	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Pd	5	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Pr	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Pt	5	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Rb	5	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Re	5	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Rh	10	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Ru	10	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
S	20	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Sb	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Sc	0.5	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Se	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Si	100	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Sm	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Sn	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Sr	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Ta	5	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Tb	0.1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Te	5	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Th	3	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Ti	10	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Tl	3	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Tm	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
U	3	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
V	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
W	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Y	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Yb	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Zn	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP
Zr	1	ppm	ICP-2A	0.5	2 Acid Digestion/ICP

**Table 11-2: Summary of Density Data (Logging Codes are Summarized in Table 7-1)**

<b>Rock Type</b>	<b>No of Samples</b>	<b>Mean Density (g/cm<sup>3</sup>)</b>
BREC	2	2.48
DIOR	60	2.47



FHPf	10	2.37
FHPf	1	2.56
FHPm	14	2.47
FPOR	100	2.72
HBREC	1	2.32
HBx	225	2.3
HIBx	11	2.23
HIMBx	62	2.3
MIBREC	8	2.2
MIBx	75	2.35
MINT	10	2.74
MMBx	1	2.31
MSCHBx	103	2.5
PHON	40	2.44
PLUT	1	2.17
PYRO	33	2.21
QMONZ	122	2.6
SCH	528	2.61
SED	21	2.26
TRAC	2	2.52
Vein	1	2.35
<b>Total</b>	<b>1,431</b>	<b>2.5</b>

#### 11.4 Sample Security

Core samples are stored in waxed cardboard boxes at the drill site. Core box tops are secured with rubber bands. Core is transported to the Alcoa, WY core storage facility by either the drill contractor or employees of EGC/AE. Core is stored in locked sea containers after it is quick logged and awaits transport to the Longmont, CO core facility.

Core is transported to Colorado via EGC/AE truck and personnel. At Longmont, CO, core is stored in a secure facility that is locked unless it is occupied by workers. Samples to be shipped are stored in the same facility.

Wearing of jewellery is not permitted by any personnel at the drills or in the core facilities while working with the core or samples.



## 11.5 Sampling Methods and Approach

### 11.5.1 ACNC and NEL

Due to the length of time since exploration by ACNC and NEL was completed, there are no details available regarding the sampling methods for the core or surface rock samples. Thus sampling methods used, the nature or spacing of samples collected, or the quality of the sampling procedures performed by ACNC or Newmont Exploration Ltd cannot be verified. These data have been used for general exploration guidance, but lack verification necessary for use with any other purpose.

### 11.5.2 EGC

Sampling begins with splitting of the core utilizing diamond bladed saws at the Lyons or Longmont core facility. Saws are typical tile saws with core holders to ensure a proper split. After the core is split, one half is bagged for shipment to the SGS (2008-2010) / AAL (2011) sample preparation facility in Elko, Nevada. Samples are shipped via independent freight.

Samples are marked on nominal 1.52 m (5 ft) intervals (Table 11-3). Sample intervals in the database range from 0.03 m (0.1 ft) to 4.57 m (15 ft). The current protocol calls for identifying any veins greater than 8 inches (0.67 ft/0.2 m) in width as separate samples. This rarely occurs.

**Table 11-3: Sample Length Summary**

Length (m)	Number	%	Comment
<1.52	657	1.41	0.03 m minimum
1.52-1.53	45,616	98.19	
>1.53	183	0.39	4.57 m maximum
Total	46,456	100	



## 12.0 DATA VERIFICATION

It is the QP's opinion that the data developed on the Rattlesnake Hills Project are adequate for the purpose as used in this report. The QP verified the procedures through routine dialogue and oversight of personnel, culminating in a personal inspection of data systems in January of 2012 conducted in Longmont, Co. Data management follows industry norms and best practices.

### 12.1 Database

EGC/AE personnel reviewed the integrity of the database in December of 2011. Procedures for that review include:

- Plotting of collar locations and comparison of collar locations to original logs and surveys
- Checking downhole surveys for kinks
- Checking the declination used for correcting downhole surveys
- Checking the assay database for from-to consistency, extreme values for grade, and handling of detection limits
- Audit of approximately 100% in most cases, the exception being pulp duplicate assays, of the assay data against original documents by compiling data as received from SGS and AAL.
- Auditing 5% of the lithology database against original logs

The collar survey investigation in 2011 revealed no problems.

Downhole survey checks revealed no intervals with excessive deviations and the declination used to correct the surveys was found to be adequate.

Review of the assay data found no discrepancies in the intervals. No significant errors in the audit were found. The audit included approximately 100% of the assay data in most cases. The only exception is pulp duplicate data. Six analytical methods were used for Au and 5 for Ag. This necessitates data selection because the screen fire assay data for Au is considered by EGC to be superior to other methods and those data are used in preference to fire assay-ICP-AES data.

Review of the lithology database by comparing original logs to the database checked well. Some apparent errors were discovered, but those were undocumented changes and were appropriate. In 2010, a number of the lithological codes were combined into



single codes to make future modeling easier and to eliminate very small volumes of minor lithologies that could not be adequately modeled.

## 12.2 Quality Assurance-Quality Control (QA/QC)

Quality assurance-quality control (QA/QC) programs are an important aspect of any analytical program. Problems with analyses can be detected and corrected in a timely manner, and the quality of the overall data can be evaluated. Quality assurance refers to the body of control data that describes the overall quality of the data. Quality control refers to the on-going, real-time evaluation of the quality of the data which is a day-to-day process in which all of the control samples are evaluated as they are returned from the laboratory.

The goals of a good QA/QC program are:

- Prevent the entry of large errors into the database used for resource modeling, demonstrate that sampling and analytical variances are small, relative to the geological variance, and
- Provide assurance (confidence) that the accuracy of data underlying any resource model can be confirmed, within reasonable limits, by other laboratories, metallurgical testing, and ultimately, by mill and mine production.

Sampling and assaying QA/QC programs integrate a program of routine insertion of quality control materials, at several critical stages of sample collection, preparation and assaying, with analytical determinations performed at a number of laboratories. Routine insertion of quality control materials involves a number of different types of quality control materials to monitor and measure laboratory performance. These include:

- Standard reference materials (standards; SRMs, CRMs), blank material, consisting of material devoid of the element(s) or commodity of economic interest, or devoid of a contaminant affecting a processing cost or decision,
- Duplicate samples.

The following sections summarize the QA/QC procedures in place at Rattlesnake Hills.



### 12.2.1 Duplicate Samples

Duplicate samples are analyzed to monitor precision in the analytical process, including sample preparation. Two types of duplicate samples are routinely analyzed; crusher duplicate samples and pulp duplicate samples. A third type of duplicate is sometimes analyzed – core or RC reject duplicates. Core or RC reject duplicate samples are typically ¼ core or ½ of the cuttings that are split at the drill rig. These samples provide information about the geological variance of the mineralization. Crusher duplicate samples monitor the reduction in variance due to crushing and homogenization of the sample. Pulp duplicate samples monitor analytical precision and should have very little geological variance remaining if the sample preparation procedure has worked as planned.

Mathematical evaluation of precision of duplicate sample pairs are based on the absolute relative difference between the duplicate results where absolute relative difference is defined as:

$$ABSRELDIFF = \left| \frac{\frac{a-b}{a+b}}{2} \right|$$

And where a and b are the samples in the sample pair.

Because the precision near the lower detection limit is generally ±100%, values used for this calculation are restricted to those that are more than 30 times the lower detection limit. Precision estimates for the assays in question are standardized at the 90<sup>th</sup> percentile of the absolute relative differences for samples with average grades >30 times the lower detection limit.

Duplicates that had an absolute relative difference greater than 2 standard deviations were flagged as failures.

#### ***Crusher Duplicate Samples***

In 2010, 855 crusher duplicate samples were analyzed by SGS. In 2011, duplicate samples were submitted to SGS every 100ft (~30m). As of the date of this report, data for duplicate samples exist for RSC-016 to RSC-168. Table 12-1 summarizes the estimated precision for several elements. Precision for all elements is considered to be adequate. The number of failures is minimal and will not adversely affect the database.

Table 12-1: Summary of Estimated Precision of Failed Results for Crusher Duplicate Samples



**SGS Minerals**

Analyte	N Total	N Used	Estimated Precision (%)	Number of Failures
Au	823	369	12.48	14
Ag	823	-	IS	-
Cu	823	737	8.92	58
Mo	823	52	11.52	12
Pb	823	18	8.53	7

**American Assay Labs**

Analyte	N Total	N Used	Estimated Precision (%)	Number of Failures
Au	91	36	14.78	2

***Pulp Duplicate Samples***

Approximately one-third of all assays were used in this analysis. Pulp duplicate samples are used to monitor analytical precision. Pulp duplicate samples are routinely analyzed by SGS and AAL. Table 12-2 summarizes the estimated precision for several elements. Precision for all elements is considered to be adequate. The number of failures is small and will not adversely affect the integrity of the database.

**Table 12-2: Summary of Estimated Precision and Failed Results for Pulp Duplicate Samples**

**SGS Minerals**

Analyte	N Total	N Used	Estimated Precision (%)	Number of Failures
Au	160	59	7.00	4
Ag	160	IS	IS	IS
Cu	160	124	5.65	1
Mo	160	7	2.75	0
Pb	160	7	1.97	0

**American Assay Labs**

Analyte	N Total	N Used	Estimated Precision (%)	Number of Failures
Au	149	63	8.57	6



Ag	149	7	5.10	0
Cu	149	115	5.91	3
Mo	149	6	8.38	0
Pb	149	5	IS	3

### 12.2.2 Standard Samples

Standard reference materials are used to monitor accuracy and drift in the analytical equipment. These materials should have very well-known metal or oxide concentrations and should be very homogenous. Three types of standards are available – blanks, internal standard reference materials (SRMs), and certified reference materials (CRMs). Blanks are a type of standard that contains none or very low levels of the analyte in question. In general, they should be truly blank, i.e., the concentrations of analytes of interest should be below LDLs for the analytical procedure in use. SRMs are typically produced from materials found on the project site or similar sites. CRMs are commercially produced and certified standards that have been rigorously tested by numerous laboratories. A certificate of analysis is issued by the company or organization that produced the standard stating the best value (BV) determined from the analytical program and statistics relating to the analyses.

Both EGC/AE and SGS have inserted standards into the sample stream. Table 12-3 summarizes the EGC/AE standards in use at the Rattlesnake Hills Gold Project. Table 12-4 summarizes the Au biases and failures noted during this review. All of these materials except Lyons Formation have been obtained from CDN Resource Laboratories Ltd (CDN, 10945-B River Road, Delta, BC, V4C 2R8), a well-known supplier of analytical standards. Lyons Formation is high-purity quartz sandstone obtained locally (Lyons, CO). These standards, including blanks, adequately cover the expected gold grade range except for high-grade gold samples. Standards for grades greater than 15 g/t Au are very difficult to produce because high-grade Au tends to show a strong nugget effect and is impossible to homogenize.

Biases between the EGC/AE data and the certified values are all less than 5%. The number of failures is small and normal. EGC/AE re-assayed a number of the batches with failed standard samples and found no significant problems. There were a number of mislabelled control samples that indicate that record keeping should be improved. There has been improvement in recent sample submissions, but it is still a concern that should be monitored closely.

Table 12-5 summarizes the SGS standards in use at Rattlesnake Hills. Many of those materials were obtained from ROCKLABS Ltd (161 Nelson Street, Onehunga, P.O. Box 18-142, Glen Innes, Auckland, New Zealand) a well-known supplier of analytical



standards. The grade range for the standards is adequate for the Rattlesnake Hills Gold Project.

**Table 12-3: EGC Standards (CRMs) in use at Rattlesnake Hills Au**

Std	Au (g/t)	Au 2s	Ag (g/t)	Ag 2s	Cu (%)	Cu 2s	Mo (%)	Mo 2s
CDN-BL-3	<0.01							
CDN-BL-4	<0.01							
CDN-BL-6	<0.01							
CDN-CGS-15	0.57	0.06			0.451	0.02		
CDN-CGS-16	0.14	0.046			0.112	0.005		
CDN-CGS-19	0.74	0.07			0.132	0.01		
CDN-CGS-22	0.64	0.06			0.725	0.028		
CDN-CGS-26	1.64	0.11			1.58	0.07		
CDN-CM-2	1.42	0.13			1.013	0.004	0.029	0.002
CDN-CM-3	0.46	0.06			0.548	0.021	0.029	0.003
CDN-CM-4	1.18	0.12			0.508	0.025	0.032	0.004
CDN-CM-5	0.294	0.046			0.319	0.02	0.05	0.005
CDN-CM-8	0.91	0.11			0.364	0.024	0.016	0.0014
CDN-CM-11A	1.014	0.106			0.332	0.012	0.038	0.004
CDN-GS-2E	1.52	0.14						
CDN-GS-3D	3.41	0.25						
CDN-GS-3E	2.97	0.27						
CDN-GS-3H	3.04	0.23						
CDN-GS-4C	4.26	0.22						
CDN-GS-5D	5.06	0.25						
CDN-GS-6B	6.45	0.33						
CDN-GS-P8	0.78	0.06						
S017014X	<0.005	0	<0.01					
S107001X	0.234	0.016	<0.2					

**Table 12-4: Au Bias and Failure Summary**

Standard	Number of Determinations	Best Value (g/t)	EVG Mean (g/t)	Bias	Failures	Comment
Lyons_Formation	1187	< 0.01	< 0.01	-	45	



CDN-BL-3	59	< 0.01	< 0.01	-	2	2 Mislabeled Control Samples
CDN-BL-4	374	< 0.01	< 0.01	-	13	4 Mislabeled Control Samples
CDN-BL-6	73	< 0.01	< 0.01	-	2	
CDN-CGS-15	119	0.57	0.57	1.00	4	2 Mislabeled Control Samples
CDN-CGS-16	201	0.14	0.15	1.07	3	2 Mislabeled Control Samples
CDN-CGS-19	87	0.74	0.73	0.99	0	
CDN-CGS-22	334	0.64	0.63	0.98	6	6 Mislabeled Control Samples
CDN-CGS-26	21	1.64	1.65	1.01	0	
CDN-CM-2	110	1.42	1.45	1.02	2	2 Mislabeled Control Samples
CDN-CM-3	34	0.46	0.46	1.00	26	10 Mislabeled Control Samples
CDN-CM-4	40	1.18	1.18	1.00	0	
CDN-CM-5	172	0.294	0.292	0.99	3	2 Mislabeled Control Samples; 1 Listed Not Received
CDN-CM-8	169	0.91	0.93	1.02	0	
CDN-CM-11A	20	1.014	1.022	1.01	0	
CDN-GS-2E	143	1.52	1.54	1.01	0	
CDN-GS-3D	89	3.41	3.40	1.00	0	
CDN-GS-3E	39	2.97	3.00	1.01	0	
CDN-GS-3H	24	3.04	2.89	0.95	0	
CDN-GS-4C	17	4.26	4.17	0.98	0	
CDN-GS-5D	10	5.06	5.01	0.99	1	1 Mislabeled Control Sample
CDN-GS-6B	26	6.45	6.34	0.98	0	
CDN-GS-P8	180	0.78	0.77	0.99	2	2 Mislabeled Control Samples

**Table 12-5: Laboratory Standards (CRMs) used for Rattlesnake Hills Au**

<b>SGS Minerals</b>			
<b>Standard</b>	<b>Supplier</b>	<b>Au</b>	<b>Standard Deviation</b>
GBM900-9	Geostats Pty	-5	-



OX11	Rocklabs	2.94	0.059
OxC58	Rocklabs	0.201	0.007
OxC72	Rocklabs	0.205	0.008
OxE56	Rocklabs	0.611	0.015
OxE74	Rocklabs	0.615	0.017
OxG70	Rocklabs	1.007	0.035
OxH66	Rocklabs	1.285	0.032
OxI40	Rocklabs	1.857	0.044
OxJ24	Rocklabs	2.427	0.073
OxJ36	Rocklabs	2.398	0.073
OxJ64	Rocklabs	2.366	0.079
OxJ68	Rocklabs	2.342	0.064
OxL63	Rocklabs	5.865	0.141
OxL78	Rocklabs	5.876	0.153
OxN62	Rocklabs	7.706	0.117
OxN77	Rocklabs	7.732	0.17
OxP61	Rocklabs	14.92	0.35
PTC-1a	Canmet	1.31	0.15
SE29	Rocklabs	0.597	0.016
SE44	Rocklabs	0.606	0.017
SG40	Rocklabs	0.976	0.022
SH35	Rocklabs	1.323	0.044
SH41	Rocklabs	1.344	0.041
SN38	Rocklabs	8.573	0.158
SP37	Rocklabs	18.14	0.38

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#### American Assay Labs

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Standard	Supplier	Au	Standard Deviation
OxA71	Rocklabs	0.0849	0.0056
SK52	Rocklabs	4.107	0.088

### 12.2.3 Screen Fire Assays

To determine the impact, if any, of the addition of screen fire assay (SFA) data to the database, SFA data was compared to corresponding fire assay-AA (FA-AA) data. Table 12-6 summarizes the results by grade bins. Overall, the SFA data are biased about 0.3% higher than the FA-AA data; however, Table 12-6 suggests that the data in the range of 0.75 g/t to 9.999 g/t Au are not significantly biased, indeed, between 4



and >10 g/t Au, the SFA data are somewhat lower than the corresponding FA-AA data. The extreme bias in the very low-grade bin is due to the fact that most of the SFA data are >0.1 g/t Au and a few results are >0.5 g/t Au. This suggests that Au is not evenly distributed in the low-grade samples and that the larger SFA samples are encountering more gold, on average, than the FA-AA samples.

At the high end of the range, >10 g/t Au, the bias increases to about -7.2% when two outliers are excluded.

The apparent impact of including the SFA data is to increase the grade of the deposit somewhat; however, SFA data is believed to be more reliable than the FA-AA data because much larger sample aliquots are involved and thus a more representative sample is analyzed. For this reason, it is appropriate to include the SFA data even though it is biased somewhat high relative to the FA-AA data. This bias also suggests that the grade will be underestimated using FA-AA data and this represents some upside potential.

**Table 12-6: Screen Fire Assays Versus Fire Assays – AA Analyses**

<b>Grade Range (g/t)</b>	<b>Number of Samples</b>	<b>FA-AA (g/t)</b>	<b>SFA (g/t)</b>	<b>% Diff</b>
0 - 0.099	518	0.050	0.108	116.0
0.1 - 0.249	915	0.175	0.237	35.4
0.25 - 0.499	1374	0.365	0.428	19.7
0.50 - 0.749	829	0.618	0.657	6.3
0.75 - 0.999	545	0.870	0.887	2.0
1.0 – 1.999	907	1.376	1.376	0.0
2.0 – 3.999	445	2.794	2.800	0.6
4.0 – 9.999	261	5.931	5.664	-4.5
>10.0	88	19.116	17.744	-7.2
All	5882	1.257	1.261	0.3

#### 12.2.4 Topography

A digital terrain model (DTM) was produced from a LIDAR and photographic aerial survey flown by Aero-Metric, Inc. in September, 2009 for EGC. The survey was designed to conform to National Map Accuracy standards for 1:2,000 planimetric feature collection, 1:2,000 orthophoto production, and 1 m contour development.

To provide a three-dimensional planar coordinate for the LIDAR survey, eight pre-marked ground control surveyed points utilizing North American Datum of 1927 (NAD 27) for horizontal accuracy and North American Vertical Datum of 1988 (NAVD 88) for



vertical accuracy were established. Once the survey was flown and the LIDAR data were collected, a DTM was created by collecting masspoints and breaklines. The DTM elements were used to construct a triangulated irregular network (TIN) surface from which 1 m contours were interpolated.

The final product included 1 m DTM contours in AutoCAD format, DTM masspoints and breaklines in AutoCAD format, and a digital orthophoto raster image in Tiff format at 0.25 m pixel resolution.



## 13.0 MINERAL PROCESSING AND METALLURGICAL TESTING

A comprehensive metallurgical program has not been completed on the Rattlesnake property, due to the fact that it is a recent exploration discovery. However, a limited number of initial metallurgical tests have been completed on drill samples, primarily from the first 93 holes drilled during 2008-2009 drill programs. Sample selection was not optimal considering what has since been learned about the mineralization and potential metallurgical domains.

The first metallurgical testing consisted of a series of simple cyanidation bottle roll tests on 20 sulfide-bearing core samples drilled in the 2008 program. This testing was designed and implemented by SGS Mineral Services in 2009 using standard procedures.

The broadest metallurgical work completed was conducted by Resource Development Inc. (RDi) of Wheat Ridge, Colorado, and summarized in a report dated September 24, 2009. The sample material consisted of 15 composite samples of 6 to 10 kilograms each, all being sulfide-bearing quarter core samples. Metallurgical testing included compositing of samples, head analysis, grind studies, gravity concentration, flotation concentration, cyanide leaching tests and limited roasting and leaching of flotation concentrate tests.

In 2010 subsequent metallurgical work was directed at developing a better understanding of the nature and distribution of metallurgical domains across the project area. This work included re-analyzing many hundreds of 5-foot (~1.5m) assay intervals down selected drill holes. Typically, the samples were analyzed for cyanide soluble gold, carbonate levels, and sulfide-sulfur levels for comparison with fire assay gold, geologic and alteration character.

Results of the metallurgical investigations provide valuable insights but must be considered preliminary. The initial samples tested are not necessarily representative composites of the Project's major metallurgical domains. Also, these tests include basic initial procedures with no optimization.

Initial metallurgical observations include the following.

- Oxidized and transition mineralized material leaches well. Even when oxidation appears minor, leach recoveries increased significantly. Whole-ore cyanide leach tests often had recoveries approaching or exceeding 100% of the fire assay gold content, presumably reflecting greater recovery of the coarse



elemental gold of both primary and secondary origin. Particularly favorable indications were generated by cyanide leach tests on a single drill hole at Antelope Basin (drill hole RSH-042), where favorable gold leach recoveries were found from surface to 200 m down-hole.

- Initial gravity testing indicated that 15% to 40% of the gold can be recovered in a gravity concentrate. However, the initial upgrading ratio of gold in the concentrate was poor (three to five times).
- Primary mineralized material provided mixed leach results, reflecting the mixture of primary sulfidic gold which is mildly refractory and primary elemental gold which is non-refractory. Whole-ore leaching of low-grade sulfidic material often resulted in gold extractions below 50%.
- The sulfidic mineralized material performed well in initial flotation tests. The test procedures included a simple un-optimized flotation process using a common reagent suite. Initial tests indicate flotation recovered 90% of the gold in concentrate, with an upgrading of four to eight times. The weight recovery of the concentrate was 10% to 20%. Favorable gold recoveries resulted from leaching of flotation concentrate that was oxidized by roasting. The mineralized material and concentrates reflect a relatively clean sulfide mineralizing system with little silver, almost no base metals, no carbon or other refractory components. Based on these tests, it is likely that a saleable concentrate can be made from mineralization on the property using simple and well-tested methods.



## **14.0 MINERAL RESOURCE ESTIMATES**

No mineral resource estimate has yet been prepared according to NI 43-101 standards or CIM definitions for the Rattlesnake Hills Project. Completion of a mineral resource estimate on the Rattlesnake Hills Project is recommended at this time.



## **15.0 ADJACENT PROPERTIES**

The only adjacent properties are very early-stage exploration properties. Publicly disclosed information on these properties have not been verified by the QP to be indicative of mineralization on EGC's Rattlesnake Hills Project.

Historical resource/reserve estimates have never been completed on the Rattlesnake Hills Project or adjacent properties.



## **16.0 OTHER RELEVANT DATA AND INFORMATION**

No other information or data is relevant to the Rattlesnake Hills Project.



## 17.0 INTERPRETATION AND CONCLUSIONS

Exploration work completed by EGC on the Rattlesnake Hills project in 2008-2011 has been performed in a manner that meets industry best practices and the data have been collected in a manner that meets and generally exceeds those practices. No significant risks or uncertainties have been identified that have not been specifically addressed by protocol. The results to date indicate potential for significant additional resources that should be explored. Specific conclusions of the QP follow.

The genetic model is consistent with the data obtained to date. The model has been used to explain the origin of a number of similar deposits and provides an adequate framework for continued exploration.

Exploration at Rattlesnake has been appropriate. The geochemical and geophysical surveys have provided important information to define the area to be explored and to direct exploration drilling. Both the geochemical and geophysical surveys have been performed in a manner consistent with industry best practices and the data density is adequate to guide continuing exploration.

Drilling by EGC and previous operators on the Rattlesnake Hills project has intersected significant intercepts of mineralization with gold grades in the range that commonly occur in similar deposits. Two areas containing significant Au mineralization have thus far been identified: North Stock and Antelope Basin. Additional exploration of the area is warranted. The deposit remains untested in several directions with the possibility of discovery of additional mineralization with continued exploration.

Drilling and geological logging procedures utilized in the 2008-2011 EGC drill programs are consistent with industry standards and generally exceed industry best practices.

Sample preparation and assaying used in 2008-2011 drill programs were performed using procedures common to the industry and are adequate to support future resource estimation.

Density determinations to date have been performed by EGC using an industry-standard procedure and the data is believed to be reliable.

Security of samples is a priority of EGC and is believed adequate.



Pulp duplicate data from SGS indicate that analytical precision is adequate. It may be possible to improve the Au precision by defining a custom sample preparation protocol. This would require a sampling study based on duplicate data collected at the various steps in the sample preparation process.

EGC and AE submitted crusher duplicate samples to SGS. The precision for all elements is believed to be adequate.

The insertion rate for standard samples and the gold grade range covered by those samples are adequate for the Rattlesnake Hills mineralization. Accuracy is believed to be adequate.

The goal of this exploration work was to define areas of significant mineralization within the Rattlesnake Hills. EGC has identified two areas with significant gold mineralization, North Stock and Antelope Basin, successfully meeting the goal of the exploration program. The size of the deposits is as yet undefined because the deposits have not been completely constrained by drilling. Additional exploration work is warranted.



## 18.0 RECOMMENDATIONS

A work program at the Rattlesnake Hills Project should be conducted in two simultaneous parts: calculation of a gold mineral resource estimate, and additional exploration necessary to improve the understanding of the geological controls on mineralization and expand the size of the known mineralization. The work is expected to be completed in about nine months and is expected to expand the size of known mineralization, test for the presence of new target zones, and discover surface expression of new targets significantly removed from the known areas. When those studies are completed, the decision on continuance of the project can be confidently made and appropriate follow-on work recommended.

Current drilling through 2011 is sufficient in both drill hole density and continuity of gold grade to calculate a mineral resource estimate, likely at an inferred resource level. This should be undertaken as soon as possible in order to provide an understanding of current discovered gold, isolate potential open corridors of gold mineralization within the known gold bodies, and to establish a starting point and framework for continued infill and step-out drilling at the two known deposits.

Exploration work recommended includes additional diamond drill holes, soil and rock chip sampling, and geophysical surveys.

Additional HQ (63.5 mm) core holes should be drilled to improve understanding of the geological controls on mineralization, to expand the extent of known mineralization, and to test soil and rock chip anomalies discovered in 2011. Additional holes are required at both North Stock and Antelope Basin to expand the currently known mineralization. At Antelope Basin (AB on Figure 18-1), the areas with the best potential to expand the mineralization are to the southwest and northeast (along strike) (Figure 18-1). The western and north-northeastern extensions of North Stock (WNS and NNS on Figure 18-1) have not been adequately tested and show great potential to expand the known mineralization.

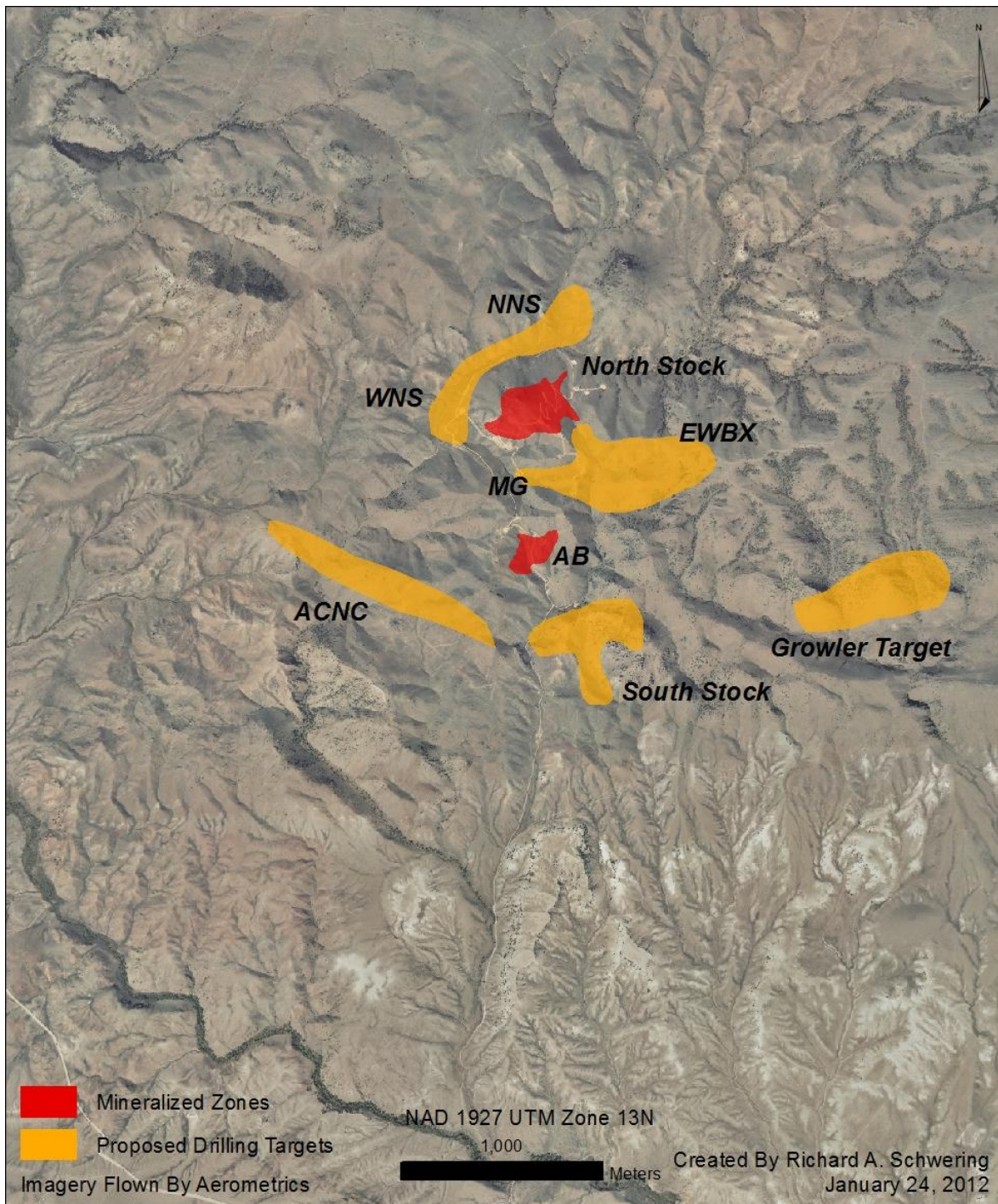
Exploration soil and rock chip geochemistry and “wildcat” drilling have identified five areas that deserve additional drill testing. Those areas are:

- The Middle Ground target between North Stock and Antelope Basin (MG on Figure 18-1) has had limited drill testing proving the presence of significant mineralization. Additional work is required to expand the mineralization and attempt to identify a connection between Antelope Basin and North Stock. At least eight holes (4,000 m) would attempt to expand mineralization and should also test for possible mineralized porphyry at depth (deeper than 400m).



- To the southeast of North Stock (EWBX on Figure 18-1), holes RSC-080 and RSC-176 intersected significant mineralization associated with a Na-trachyte dike. The extent and continuity of this mineralization needs to be confirmed with approximately eight drill holes (3,000 m) in the area.
- Immediately north of North Stock (NNS on Figure 18-1), soil geochemistry and a few drill holes have demonstrated mineralization. Eight holes (2000 m) of drilling would adequately test continuity of the mineralization from North Stock.
- Geochemical sampling and drilling on the ACNC massive sulphide zones indicate the presence of gold. Four holes (1,200 m) are required to confirm higher grades and lateral continuity of the zone at depth.
- Geochemical sampling and reconnaissance mapping have identified significant mineralization at South Stock and at the Growler target approximately 1 kilometer east of South Stock. The gold signature at surface within South Stock is at least twice the size of that observed at North Stock. Sixteen holes (8,000 m) of drilling at South Stock and four holes (1,800 m) at the Growler target would test these new mineralized zones.
- Exploration geochemical sampling (rock chip and soils) are recommended to be guided by the district-scale geophysics survey. Overall, approximately 6,000 soil samples and 3,000 rock chip samples would be adequate to test possible new targets.
- Gravity sampling along roads and tracks within the district should enlarge the current database to be equivalent in area to the airborne magnetic and radiometrics survey completed in 2011.

**Figure 18-1: Proposed Target Zones for Exploration: North Stock and Antelope Basin gold footprints (projected to surface) shown in red with exploration target zones in orange.**





Positive results from this drilling would result in expansion of the known gold mineralized zones and verification of subsurface gold mineralization in the new untested target zones. This would encourage continued exploration work in 2013 and initiation of expanded metallurgical, geotechnical, and environmental baseline work designed around prefeasibility and/or scoping studies toward mine development.

**Table 18-1: Estimated Budget for 2012**

<b>Cost Center</b>	<b>Item</b>	<b>Total</b>	<b>Subtotals</b>
		<b>(000 US\$)</b>	<b>(000 US\$)</b>
<b>Drilling</b>	Drill Costs (19,600 m @ \$180 per m)	3,528	
	Staff	25	
	Pad preparation	50	
	Assaying	600	
	Vehicle rental	60	
	Per diem	120	4,383
<b>Geophysics</b>			
	Gravity survey along roads and tracks	100	100
<b>Geotechnical Engineering</b>			
	Mineral Resource Assessment	100	100
<b>Soil and Rock Chip Sampling</b>			
	Soil Geochemistry	300	300
	Rock Chip Geochemistry	150	150
		<b>Total</b>	<b>5,033</b>



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