

EXPLANATION

- City
- Freeway
- Highway
- Major Road

DESIGNED	gnb	12/5/08
DRAWN	jrg	12/27/08
CHECKED		
APPROVED		
REVISED		
REVISED		

FIGURE 1

IDAHO GENERAL MINES MOUNT HOPE GENERAL VICINITY MAP



SCALE:	AS SHOWN	REVISION
JOB NO:	157501	
MAP NAME:	157501-110.mxd	



APPENDIX A
LIST OF CLAIMS

Appendix A: Drill Hole Identification, location, associated claim, and UTM Coordinates.

Drill Hole ID	Township	Range	Section	Quarter	Quarter	UTM Coordinates	IGMI CLAIM	Claimant	SERIAL NO
BH - 11	T 22 N	R 51 ½ E	24	NE	NE	1873651 14447383	HOPE #36	IGMI	883782
BH - 12	T 22 N	R 51 ½ E	13	SE	NW	1874678 14449887	Parallel MS 4704	IGMI	
BH - 13	T 22 N	R 51 ½ E	13	SE	NE	1874623 14449629	HOPE #70	IGMI	97640
BH - 14	T 22 N	R 52 E	18	SW	NW	1875336 14450193	HOPE #71, P. Ext. Ms 4704	IGMI	97641
BH - 15	T 22 N	R 52 E	18	SW	NW	1875049 14449828	HOPE #71, P. Ext. Ms 4704	IGMI	97641
BH - 16	T 22 N	R 52 E	18	SW	NW	1874862 14445000	P. Ext. MS 4704	IGMI	
BH - 17	T 22 N	R 52 E	18	SW	NW	1875178 14445000	HOPE #71, P. Ext. MS 4704	IGMI	97641
BH - 18	T 22 N	R 52 E	18	SW	NW	1875064 14450265	P. Ext. MS 4704	IGMI	
BH - 19	T 22 N	R 52 E	18	SW	NW	1875012 14450501	Magnolia MS 4704	IGMI	
BH - 20	T 22 N	R 52 E	18	SW	NW	1875450 14450500	P. Ext. MS 4704, Bowser #14	IGMI	97487
BH - 21	T 22 N	R 52 E	18	NE	NW	1877571 14450827	ET 24	IGMI	884813
BH - 22	T 22 N	R 51 ½ E	13	SE	SW	1873452 14448804	HOPE #33	IGMI	97603
TP - 11	T 22 N	R 51 ½ E	24	NE	NE	1873799 14447252	HOPE #38	IGMI	883783
TP - 12	T 22 N	R 51 ½ E	24	NE	NE	1873532 14447268	HOPE #36	IGMI	883782
TP - 13	T 22 N	R 51 ½ E	13	SE	SW	1872718 14449097	TIA 1	IGMI	97661

May 2007

SRK Consulting (U.S.), Inc.

Mount Hope Mine Project
Amendment to Notice NTN 080914

TP - 14	T 22 N	R 51 ½ E	13	SE	SE	1874215 14449178	HOPE #70	IGMI	97640
TP - 15	T 22 N	R 51 ½ E	13	SE	SE	1874413 14449280	HOPE #70	IGMI	97640
TP - 16	T 22 N	R 51 ½ E	13	SE	SE	1874617 14449871	P. Ext. MS 4704	IGMI	
TP - 17	T 22 N	R 52 E	18	SW	NW	1874892 14450550	Magnolia MS 4704	IGMI	
TP - 18	T 22 N	R 52 E	18	SW	NW	1875343 14450520	P. Ext. MS 4704, Bowser #14	IGMI	97487
TP - 19	T 22 N	R 52 E	18	SW	NW	1875546 14450248	P. Ext. MS 4704	IGMI	
TP - 20	T 22 N	R 52 E	18	SW	NW	1875663 14450065	Good Hope Mill Site 37B	IGMI	
TP - 21	T 22 N	R 52 E	18	SW	NW	1875947 14450440	ET 25, Bowser #14 FR	IGMI	884814/97487
TP - 22	T 22 N	R 52 E	18	NE	SW	1877250 14450928	ET 24, Lookout#3	IGMI	884813/23203
TP - 23	T 22 N	R 52 E	18	NE	SW	1877788 14450995	ET 24	IGMI	884813
TP - 24	T 22 N	R 52 E	18	SE	NW	1877794 14450619	ET 24	IGMI	884813
TP - 25	T 22 N	R 52 E	18	SW	SW	1875378 14449182	Bowser #9	IGMI	97484
TP - 26	T 22 N	R 52 E	18	SW	SW	1875299 14448946	Bowser #9	IGMI	97484

May 2007

SRK Consulting (U.S.), Inc.

APPENDIX A
LIST OF CLAIMS

Appendix A: Drill Hole Identification, location, associated claim, and UTM Coordinates.

Drill Hole ID	Township	Range	Section	Quarter	Quarter	UTM Coordinates	Claim	Claimant	Serial No.
BH - 11	T 22 N	R 51 ½ E	24	NE	NE	1873651 14447383	HOPE #36	IGMI	883782
BH - 12	T 22 N	R 51 ½ E	13	SE	NW	1874678 14449887	Parallel MS 4704	IGMI	
BH - 13	T 22 N	R 51 ½ E	13	SE	NE	1874623 14449629	HOPE #70	IGMI	97640
BH - 14	T 22 N	R 52 E	18	SW	NW	1875336 14450193	HOPE #71, P. Ext. Ms 4704	IGMI	97641
BH - 15	T 22 N	R 52 E	18	SW	NW	1875049 14449828	HOPE #71, P. Ext. Ms 4704	IGMI	97641
BH - 16	T 22 N	R 52 E	18	SW	NW	1874862 14445000	P. Ext. MS 4704	IGMI	
BH - 17	T 22 N	R 52 E	18	SW	NW	1875178 14445000	HOPE #71, P. Ext. MS 4704	IGMI	97641
BH - 18	T 22 N	R 52 E	18	SW	NW	1875064 14450265	P. Ext. MS 4704	IGMI	
BH - 19	T 22 N	R 52 E	18	SW	NW	1875012 14450501	Magnolia MS 4704	IGMI	
BH - 20	T 22 N	R 52 E	18	SW	NW	1875450 14450500	P. Ext. MS 4704, Bowser #14	IGMI	97487
BH - 21	T 22 N	R 52 E	18	NE	NW	1877571 14450827	ET 24	IGMI	884813
BH - 22	T 22 N	R 51 ½ E	13	SE	SW	1873452 14448804	HOPE #33	IGMI	97603
TP - 11	T 22 N	R 51 ½ E	24	NE	NE	1873799 14447252	HOPE #38	IGMI	883783
TP - 12	T 22 N	R 51 ½ E	24	NE	NE	1873532 14447268	HOPE #36	IGMI	883782
TP - 13	T 22 N	R 51 ½ E	13	SE	SW	1872718 14449097	TIA 1	IGMI	97661

May 2007

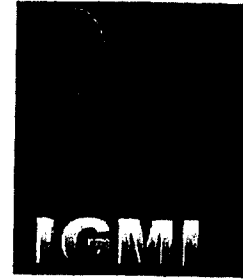
SRK Consulting (U.S.), Inc.

APPENDIX B
MOUNT HOPE PROJECT
NOTICE RECLAMATION COST ESTIMATE

SRCE-based Reclamation Cost Model With Calculators									
For Notice-Level Exploration									
MOUNT HOPE EXPLORATION, IDAHO GENERAL MINES, INC., MAY 7, 2007 - AMENDMENT NOTICE 080914									
May 14, 2007	Linear Feet of Road	Linear Feet	Recontouring Cost <30%	Recontouring Cost >30%	Labor Cost	Manpower	Equipment	Materials	Cost/Linear Foot
	On a Side Slope								
	<30%	0			\$0	\$0.11	\$0.13	\$0.00	\$0.24
	>30%	0			\$0	\$0.26	\$0.36	\$0.00	\$0.64
	Drill Sites and Sumps								
	Drill Sites < 30% slopes	3	Recontouring Cost		\$102	\$34.00	\$42.80	\$0.00	\$78.80
	Drill Sites > 30% slopes	0	Recontouring Cost		\$0	\$109.00	\$137.00	\$0.00	\$246.00
	Drill Sites Cross Country	0	Ripping Cost		\$0	\$7.00	\$3.50	\$0.00	\$10.50
	Sumps	3	Recontouring Cost		\$111	\$38.90	\$46.40	\$0.00	\$83.30
	Trenches								
	Cross Country Travel	550	Recontouring Cost		\$513	\$0.93	\$1.71	\$0.00	\$2.64
		3,643	Ripping Cost		\$146	\$0.04	\$0.02	\$0.00	\$0.06
	Total Disturbance	1.28	Revegetation Cost		\$87				\$532
	160 miles Mobilization								
	160 miles Mobilization		Mobilization Cost-excavator		\$417	\$417.27	\$488.83		\$907
			Mobilization Cost-digger		\$276	\$276.52	\$390.48		\$656
	Drill Holes Open								
	Feet of Open Holes - Wet	150	Plugging Cost - Wet		\$176	\$1.17	\$2.08	\$0.53	\$3.78
	Feet of Open Holes - Dry	0	Plugging Cost - Dry		\$0	\$0.47	\$0.22	\$0.05	\$0.75
	Feet of Casing to Pull	150	Pulling Casing		\$249	\$1.65	\$4.05	\$0.00	\$5.72
	160 miles Mobilization								
	160 miles Mobilization		Mobilization Cost - Wet		\$720	\$719.84	\$1,278.72		\$1,998.56
	Disturbance Type		Mobilization Cost - Dry		\$0	\$364.91	\$198.49		\$561.40
	Roads	0.00	Total Linear Feet						
	Drill Sites	0.18							
	Sumps	0.08							
	Trenches	0.62							
	Cross Country	0.50							
	total Notice acres	1.28							
	Insurance								
	Bond*								
	Contractor Profit								
	Contract Administration								
	Indirect Costs								
	1.5% Labor Cost								\$42
	3% Total Reclamation Cost								\$0
	10% Total Reclamation Cost								\$767
	10% Total Reclamation Cost								\$767
	21% of Contract Administration Cost								\$161
	Total Administration Cost								\$1,738
	* Bond required only if total reclamation cost > \$100,000								
	Financial Guarantee								\$9,489
	Amount								
	Cost per acre				\$7,347				

green cells with blue font is for user input
yellow cells are unit costs

Bureau of Land Management Notice Level Reclamation Cost Estimation Worksheet									
Costs for this Notice Level Reclamation Cost Estimator are based on values and assumptions used in the Standardized Reclamation Cost Estimator (SRCE) Version 1.1.1									
Cost Data are from October 1, 2006. This worksheet is simpler than the SRCE and does not allow the flexibility of entering project specific information in some situations.									
The model will generate approximately the same reclamation costs as the SRCE model if the same inputs and assumptions are applied.									
Below are the methods and assumptions used by this model to generate a Financial Guarantee Amount.									
1.	There are two side hill slope categories used for all calculations in this worksheet. All slopes under 30% (<30%) are assumed to have a slope of 20%.								
2.	All slopes over 30% (>30%) are assumed to have a slope of 40%.								
3.	All Reads in this worksheet are assumed to have a 14 foot wide dimension across the flat "drivable" part of the road without any safety berms.								
4.	All Drill Sites in this worksheet are assumed to be 30 feet wide. For Drill Sites on slopes <30% they are 70 feet long. For Drill Sites on slopes >30% they are 83 feet long.								
5.	All Road and Drill Sites cut banks are assumed to have a 60 degree slope.								
6.	All Road and Drill Sites fill slopes are assumed to have an angle of repose of 1.4H:1V or about 70% slope equal to a 35 degree angle.								
7.	Recontouring for reclamation of Roads, Drill Sites, and Sumps is done with a track excavator of a Cat 320C size with a 1.57 CY bucket and productivity of 139 CY per hour.								
8.	Equipment operator Manpower cost is based on Davis-Bacon wage rates for Northern Nevada.								
9.	Area pay= \$3.00 per hour, FICA = 7.65%, Unemployment = 3% and Workman's Comp= 10.75%								
10.	Revegetation cost is based on the cost of use of a D4 class dozer which scarifies, seeds and drags the seed in on one pass.								
11.	Revegetation costs are based on a per acre basis.								
12.	Drill Sites recontouring cost is based on a standard pad width and length.								
13.	Drill Sites on slopes <30% and Cross Country Drill Sites are 30 feet wide by 70 feet long.								
14.	On Cross Country Drill Sites, the disturbed area is ripped by a Cat D6 size dozer.								
15.	On Drill Sites <30% slopes they are assumed to be outside the Drill Site.								
16.	On Drill Sites >30% slopes they are assumed to be inside the Drill Site.								
17.	Trenches are assumed to be 300 feet long by 14 feet wide by 5 feet deep. They are recontoured with a Cat D6 sized dozer assuming a 208 CY/hour productivity.								
18.	Recontouring earthwork for Roads Drill Sites and Sumps has an assumed swell factor of 20%. Trenches swell factor is 30%.								
19.	Cross Country travel is assumed to have a disturbance of 6 feet wide by the linear feet of travel on slopes under 10%.								
20.	Revegetation costs for all Cross Country disturbance is based on 150 miles one way to project and are based on 2006 Vega Construction and Trucking quotes.								
21.	Mobilization and Demobilization are based on 150 miles one way to project and are based on 2006 Vega Construction and Trucking quotes.								
22.	Travel times are assumed to be 2.73 hours one way to the project.								
23.	Mobilization for a Cat 320C excavator will be charged for regrading of Roads, Drill Sites only.								
24.	If any Trenches or Cross Country travel is included a D6 dozer will be mobilized also.								
25.	All projects that propose drilling will require a minimum Drill Holes Open abandonment cost.								
26.	If a drill hole will not penetrate the static water level it may be abandoned as an Open Hole - Dry.								
27.	If a drill hole is drilled deeper than the static water level it is considered a wet hole and must be abandoned as an Open Hole - Wet.								
28.	Mobilization for Drill Holes - Open for Open Hole - Wet will include one drill rig plus crew and support equipment.								
29.	Mobilization for Drill Holes - Open for Open Hole - Dry will include one backhoe and operator, and one general laborer.								
30.	Drill Hole Plugging Cost for Open Hole - Wet is based on average time to plug a 1000 ft. 6" Drill Hole (using productivity data from 8 drilling contractors December 2006).								



Idaho General Mines, Inc.

MOUNT HOPE MINE PROJECT NOTICE FOR BASELINE DRILLING ACTIVITIES

Idaho General Mines, Inc.

**10 N. Post Street, Suite 610
Spokane, WA 99201
Phone: (509) 838-1213
Fax: (509) 838-0457**

Prepared by:



**SRK Consulting (U.S.), Inc.
5250 Neil Road, Suite 300
Reno, Nevada, 89502**

**(775) 828-6800 Voice
(775) 828-6820 Fax**

**Internet Web Address: <http://www.srk.com>
e-mail: reno@srk.com**

SRK Project No. 157501

September 2005



Idaho General Mines, Inc.

MOUNT HOPE MINE PROJECT NOTICE FOR BASELINE DRILLING ACTIVITIES

Idaho General Mines, Inc.

10 N. Post Street, Suite 610

Spokane, WA 99201

Phone: (509) 838-1213

Fax: (509) 838-0457

Prepared by:



SRK Consulting (U.S.), Inc.

5250 Neil Road, Suite 300

Reno, Nevada, 89502

(775) 828-6800 Voice

(775) 828-6820 Fax

Internet Web Address: <http://www.srk.com>

e-mail: reno@srk.com

SRK Project No. 157501

September 2005

TABLE OF CONTENTS

1. OPERATOR INFORMATION	1
1.1 NAME AND ADDRESS	1
1.2 TAXPAYER ID NUMBER	1
1.3 LIST CLAIM NAMES AND BLM SERIAL NUMBERS	1
1.4 LOCATION OF PROPOSED ACTIVITY	1
2 DESCRIPTION OF EXISTING AND PROPOSED DISTURBANCE IN PROJECT AREA	1
2.1 EXISTING DISTURBANCE	1
2.2 PROPOSED OPERATIONS/ACTIVITIES	3
2.3 APPROXIMATE DATE OPERATION WILL BEGIN AND END:	3
2.4 STANDARD OPERATING PROCEDURES	4
2.4.1 Cultural Resources	4
2.4.2 Surface and Ground Water	4
2.4.3 Solid Waste	4
2.4.4 Air Quality	4
2.4.5 Erosion and Sediment Control	5
2.4.6 Fire Protection	5
2.4.7 Forestry	5
2.4.8 Wildlife	5
2.4.9 Livestock	5
2.4.10 Employee Training	5
3 RECLAMATION PLAN	6
3.1 PROPOSED ACTIVITIES FOR RECLAMATION	6
3.1.1 Re-contouring, Seedbed Preparation, and Seeding	6
3.1.2 Measures Used to Minimize Loading of Sediment to Surface Waters	6
3.1.3 Schedule for the Project and Reclamation	7
3.1.4 Drill Hole Plugging Procedures	7
3.1.5 Monitoring	7
3.1.6 Measures to be taken During Extended Periods of Non-Operation	7
4 RECLAMATION COSTS	8
4.1 NARRATIVE DESCRIPTION OF PROPOSED RECLAMATION ACTIVITIES	8
4.2 RECLAMATION COST ESTIMATE	8
5 RECLAMATION RESPONSIBILITY	9
6 REFERENCES	10

Tables

Table 1: Project Location	1
Table 2: Proposed Disturbance	3

Figures

Figure 1: Location Map

Figure 2: Project Area for Notice – Level Drilling & Geotechnical Investigations

Appendices

Appendix A – List of Claims

Appendix B – Mount Hope Mine Project Bond Cost Estimate

1. Operator Information

1.1 Name and Address

Name: Idaho General Mines, Inc.
Address: N. 10 Post Street, Suite 610
Spokane WA 99201
Contact: James Moore
Phone: 509-838-1213
Fax: 509-838-0457

1.2 Taxpayer ID Number

The taxpayer ID number is [REDACTED]

1.3 List Claim Names and BLM Serial Numbers

The claim names and BLM serial numbers are included in Appendix A.

1.4 Location of Proposed Activity

The proposed drilling project will be located in the areas defined in Table 1.

Table 1: Project Disturbance

Township	Range	Section
22N	51E	1, 2, 11-14, 23, 24
22N	51½E	12, 13, 24, 25
22N	52E	1-4, 6-24, 27-30
23N	51E	25, 35, 36
23N	52E	31, 33, 34, 35

Figure 1 shows the general project location and Figure 2 shows the Project Area.

2 Description of Existing and Proposed Disturbance in Project Area

2.1 Existing Disturbance

The Project Area has an extensive mining history. The Project Area is located in the Mount Hope Mining District which includes the historical workings of the Mount Hope Mine, located on the eastern flank of Mount Hope. Zinc-rich ores containing concentrations of lead, silver, and copper were discovered in 1870 in the district. However, it was not until 1886 that work began at the Mount Hope Mine which was the only productive property in the district. The zinc-rich skarn ores were mined intermittently until the middle 1940s from four principal areas: the Lorraine Area; the Whim Shaft; the Mount Hope No. 1 adit, and the No. 2 adit (WESTEC 1995).

The major workings in the Lorraine Area were opened in 1886 and consist of a main adit about

240 feet in length, two shafts about 90 and 135 feet, and drifts on four levels. The Mount Hope No. 2 adit was driven in 1890 along with the Whim shaft. The No. 2 adit is about 1,350 feet long with about 1,745 feet of subdrifts, crosscuts, and raises. The Whim shaft is about 90 feet deep.

In 1926 the U.S. Smelting, Refining, and Mining Company drove the Mount Hope No. 1 adit which is about 800 feet long and has about 3,255 feet of drifts, crosscuts, raises, and winzes. The property was optioned to Universal Exploration Company in 1928, who subsequently purchased the property in 1930. Additional exploration work was conducted under a number of leases until the 1940s when Callahan Zinc-Lead Company obtained a long-term lease and initiated an extensive drilling and development program. A power plant and concentrating mill and tailings impoundments were constructed by the Callahan Company. Exploration in 1943, 1944, and 1945 included a drilling program conducted by the U.S. Bureau of Mines. The first concentrates were shipped in 1945, but the mine was shut down in 1947 after a fire destroyed the powerhouse. No further production occurred after 1947 (WESTEC 1995).

In 1967 patented and unpatented claims were acquired by Mount Hope Mines, Inc. Since 1967 the patented and unpatented claims comprising the Mount Hope Mines, Inc. property have been owned by Mr. H Jensen, who subsequently sold an interest in the property to Mr. H. Drimmer. Activities since that time have included some exploratory drilling in the mine area and the intermittent toll milling of ores. During this period a decline adit was driven by Mount Hope Mines, Inc. and intercepted the Mount Hope No. 1 adit through an air raise shaft (WESTEC 1995).

Several companies including Bear Creek Mining Company, Phelps Dodge, Phillips Petroleum Company, AMAX, ASARCO, and Gulf Mineral Resources examined the property during the 1970s. An extensive drilling and development program by the Mount Hope Mining Company and Phillips Petroleum Company during 1970 and 1971 confirmed that substantial copper mineralization occurred at depth and a low grade but continuous molybdenum mineralization occurred also (WESTEC 1995).

The most significant recent activity was Exxon Minerals Company (Exxon) negotiating for an option agreement with Mount Hope Mine, Inc. in 1978. Drilling by Exxon revealed substantial molybdenum mineralization areas at depth for future exploration and development. Feasibility evaluation of the Mount Hope mineral system by Exxon included drilling, collection and analysis of geologic data, resource estimation, mine planning, metallurgical studies, and rock mechanic studies. Exxon filed a Notice of Intent on January 28, 1981 and amended this Notice on February 18 and June 18, 1981. Because disturbance was expected to exceed five acres, a Plan of Operations was filed on June 30, 1981 and assigned Case File No. N64-81-015P. Exxon constructed about 14 miles of roads and reclaimed about ten miles leaving four miles for public access and subsequent minerals exploration. All of Exxon's disturbance occurred before October 1990.

A draft Environmental Impact Statement was prepared in 1985 and released for public and agency comment.

Figure 2 shows the Project Area in which the drilling activities will occur. The existing disturbance presently includes roads, drill pads, a core shed, four tailings impoundments, waste rock dumps, shafts, and adits.

2.2 Proposed Operations/Activities

This Notice will cover baseline data collection activities to define the hydrogeochemistry of the proposed pit area and geotechnical and hydrological characteristics of potential tailings impoundment, waste rock dump, plant facility, and borrow source locations. Up to three condemnation holes will be drilled. In general, the data collection activities may include core, reverse circulation, hollow stem auger, and sonic drilling. Geotechnical investigation activities may also include trenching, test pits, and percolation testing. Existing disturbance including roads and drill pads will be used to the greatest extent possible. Table 2 presents the proposed disturbance.

Table 2: Proposed Disturbance

Category	Length	Width	Number	Acres ¹
Test Pit pads (20'x49')	20	49	40	0.9
Test Pits (15 feet deep)	15	8	40	-
Boreholes pads (23' x 33')	23	33	3	0.1
Roads	6,379	13	-	3.3
Condemnation hole pads ²	30	70	3	0.1
Geohydro pads (30' x 70') ²	30	70	6	0.2
Cross-country Travel	870	13	-	0.3
			Total	4.9

¹ Acres include disturbance associated with sloped surfaces

² Sumps are included within the pad footprint.

Although considerable geologic and engineering information was collected during past exploration activities, the hydrogeology of the pit area requires further definition. A better understanding of the hydraulic properties of the rocks in the pit area is required to allow mine inflows to be predicted and for the pit lake hydrologic analysis. Up to six geohydro holes, ranging in depth from about 2,300 feet to about 3,120 feet, will need to be advanced into the pit area for hydraulic testing and collection of core for geochemical analysis and testing. Packer testing in open boreholes is deemed the best testing methodology as the formations appear to have low hydraulic conductivity. The geohydro holes will need to be drilled to near the planned pit bottom elevation with packer tests performed periodically (at least once per rock type). Up to three of these holes will remain open for monitoring.

Precise locations of the condemnation and geohydro holes will be based on pit geology, geochemistry testing requirements, and other mine planning requirements. The drilling program will be designed to provide as much data to as many different studies (e.g. geology, ore reserves, assay, geochemistry, hydrology, etc.) as possible. Core drilling is planned to provide the best possible samples and to simplify hydraulic testing. Other types of drilling may be considered if core drilling proves infeasible or uneconomical. Up to three condemnation holes will be drilled to an approximate depth of 2,360 feet.

Existing roads will be used to the greatest extent possible. Only routine maintenance and minor repairs will be performed on the existing roads. Running surfaces of new roads will be about 13 feet in width with disturbance exceeding that width on sloped surfaces. Growth media will be pushed in to berm along the side of the road. Sediment will be controlled as needed.

2.3 Approximate Date Operation Will Begin and End

The proposed project will begin in November 2005 and be completed by December 2007.

2.4 Standard Operating Procedures

2.4.1 Cultural Resources

A Class III cultural resources survey was performed in portions of the Project Area. As needed, Class II surveys will be conducted on travel routes and areas of proposed activity that have not been previously surveyed. Because the exact locations of drill sites and cross-country travel routes will be dependent on geological conditions and the results of ongoing drilling, IGMI cannot predict precisely where disturbance will occur. IGMI will contract with a BLM-permitted archeologist prior to any surface disturbance to perform a Class III cultural resources study on the cross-country travel routes, constructed/improved roads, drill pads, and trenches. If a cultural resources site is located, the disturbance will be moved to avoid the site. The results of each survey will be submitted to BLM.

Avoidance is the IGMI-preferred treatment for preventing effects to historic properties [a historic property is any prehistoric or historic site eligible to the National Register of Historic Places (NRHP)] or unevaluated cultural resources.

If avoidance is not possible or is not adequate to prevent adverse effects, IGMI will undertake data recovery at the affected historic properties in accordance with the Memorandum of Understanding between BLM, Nevada State Historic Preservation Office (SHPO), and the Advisory Council on Historic Preservation. Development of a treatment plan, data recovery, archeological documentation, and report preparation will be based on the "Secretary of the Interior's Standards and Guidelines for Archeology and Historic Preservation," 48 CFR 44716 (September 29, 1983), as amended or replaced. If an unevaluated site cannot be avoided, additional information will be gathered and the site will be evaluated. If the site does not meet eligibility criteria as defined by the Nevada SHPO, no further cultural work will be performed. If the site meets eligibility criteria, a data recovery plan or appropriate mitigation will be completed under the Programmatic Agreement. Once data recovery has been completed at a historic property, the BLM will issue a Notice to Proceed for work at that location.

2.4.2 Surface and Ground Water

Drilling activities will not occur within 100 feet of seep, springs, or streams. Drill holes will be closed in accordance with NAC 534 to prevent impacts to groundwater. Completed drill holes used for monitoring purposes will be secured with a locking cap to prevent tampering.

2.4.3 Solid Waste

All project-related refuse will be hauled from the site for disposal on a regular basis. No refuse will be disposed on-site. In the event hazardous or regulated material such as diesel fuel is spilled, the area will be cleaned and the Nevada Department of Environmental Protection (NDEP) will be notified as per NDEP regulations.

2.4.4 Air Quality

Project-related traffic will observe prudent speed limits to enhance public safety, protect wildlife and livestock, and minimize fugitive dust.

2.4.5 Erosion and Sediment Control

Maintenance of the exploration roads includes minor seasonal regrading and re-establishment of water bars when necessary. The effectiveness of erosion control measures will be monitored in the spring and fall.

2.4.6 Fire Protection

All mobile equipment will be properly muffled and equipped with suitable fire suppression equipment, such as fire extinguishers and hand tools.

2.4.7 Forestry

IGMI will obtain firewood permits from the BLM on an as-needed basis prior to removing piñon /juniper trees from areas proposed for disturbance. Subject to safety-related constraints, these downed trees will be made available to employees and other interested persons for use as firewood.

2.4.8 Wildlife

Land clearing and surface disturbance would be timed to prevent destruction of active bird nests or young of birds during the avian breeding season (May 1 to July 15, annually in accordance with the Battle Mountain Field Office policies) to comply with the Migratory Bird Treaty Act (MBTA). If surface disturbing activities are unavoidable, IGMI would have a qualified biologist survey areas proposed for disturbance for the presence of active nests immediately prior to the disturbance.

If active nests are located, or if other evidence of nesting is observed (mating pairs, territorial defense, carrying nesting material, transporting of food), the area would be avoided to prevent destruction or disturbance of nests until the birds are no longer present. Avian surveys are proposed to be conducted only during the avian breeding season and immediately prior to IGMI conducting activities that result in disturbance. After such surveys are performed, and disturbance created (i.e., road construction and drill pad development), IGMI would not conduct any additional disturbance during the avian breeding season without first conducting another avian survey. After July 15, activities would continue; no further avian surveys, in compliance with MBTA, would be conducted until the next year.

2.4.9 Livestock

IGMI will inform employees and contractors to leave gates in the position found (open or closed) and to not harass livestock.

2.4.10 Employee Training

IGMI will train employees, contractors, and other related personnel as to the environmental responsibilities required under this notice.

3 Reclamation Plan

Appendix B contains a description of the proposed reclamation activities and the projected cost.

3.1 Proposed Activities for Reclamation

3.1.1 Re-contouring, Seedbed Preparation, and Seeding

IGMI will minimize disturbance by utilizing existing roads and trails and cross-country travel routes where feasible. Newly constructed roads and pads will be reclaimed by restoring the disturbance to approximate its original topography. Existing roads will remain in place. Any culverts installed during the project will be removed, and the sumps will be backfilled.

Scarifying compacted cross-country travel routes to the extent practical will be the primary means by which seedbeds will be prepared. Sidecast growth media will be replaced and the surface will be scarified prior to seeding. Efforts will be taken to scarify only those portions of the road which are compacted and require seeding (e.g., tire tracks) while minimizing disturbance to the established vegetation.

Disturbance and cross-country travel routes will be seeded during reclamation. Reclamation will generally be accomplished with native seeds only but may include some fast growing non-native species. The native species will be representative of the indigenous species present in the adjacent habitat. The reclamation plant list proposed for the project area is "Mix 1" from the Nevada Reclamation Cost Estimation model. This mix may vary depending on seed availability.

Seeding procedures will be dependent upon site characteristics. IGMI will use a hand-broadcast seeder to apply the mix. Seeding will occur in late fall or early spring to ensure a greater chance of revegetation success. Other measures that will be taken to prevent undue degradation include road maintenance and sediment control.

IGMI will attempt to reduce the spread of noxious weeds on lands disturbed by the proposed project by avoiding travel, whenever possible, through areas infested by noxious weeds to prevent windblown and mechanical transport of seed sources caused by exploration activities.

Should IGMI decide not to proceed with additional exploration or production at the site, the post-exploration goal will be to restore lands for use as mineral exploration, livestock grazing, wildlife habitat, and dispersed recreation. It is anticipated that available forage will be enhanced by seeding with the above mentioned forage species.

3.1.2 Measures Used to Minimize Loading of Sediment to Surface Waters

IGMI will use existing roads, trails and cross-country travel routes whenever possible to minimize the disturbance created during access to, and from the drill site locations. Proposed environmental protection measures as detailed in Section 2, will minimize impacts to surface waters. Constructed sediment control features will be regraded following reclamation to reestablish, as nearly as possible, the natural drainage patterns. Silt fences will be used to contain sediment on reclaimed sites immediately adjacent to drainages as needed.

3.1.3 Schedule for the Project and Reclamation

Drilling activities will commence upon approval of this notice and are expected to be completed during the fourth quarter of 2007 depending on weather conditions. Upon completion of drilling activities and based upon future activities, earthwork will be completed on areas no longer required in the exploration program. Cross-country travel routes will be reclaimed as soon as practical after the cessation of drilling activities in the area. Reseeding will occur in the late fall or early spring months.

Because development of Mount Hope Mine is planned, the disturbance associated with this Notice may be transferred to a mine plan of operations and the reclamation costs included in the mine reclamation bond. In this event, reclamation will be undertaken in conjunction with mine reclamation.

3.1.4 Drill Hole Plugging Procedures

Mineral exploration drill holes subject to Nevada Division of Water Resources regulations will be abandoned in accordance with applicable rules and regulations (NAC 534).

3.1.5 Monitoring

IGMI will monitor the disturbance for three years after the completion of drilling activities.

3.1.6 Measures to be taken During Extended Periods of Non-Operation

Areas no longer needed for future drilling activities will be reclaimed as soon as possible. Interim stabilization measures will be taken as necessary at these sites.

4 Reclamation Costs

The proposed reclamation costs are included in Appendix B and are based on the 2005 Nevada Standard Reclamation Bond Calculation model (Beta 3b).

4.1 Narrative Description of Proposed Reclamation Activities

A narrative description of earthwork and revegetation reclamation activities can be found in Section 3 above. Structures will not be built in the Project Area. Maintenance, mobilization/demobilization, and agency administrative/management costs are accounted for in the Reclamation Bond Checklist, Appendix B.

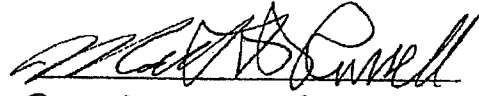
4.2 Reclamation Cost Estimate

See the reclamation cost estimate in Appendix B.

5 Reclamation Responsibility

"Reclamation of all areas disturbed will be completed to the standards described in 3809.1-3(d) of this title and that reasonable measures will be taken to prevent unnecessary and undue degradation of the federal lands during operations."

Signature:



Date:

9-29-05

Title:

VP Operations -
Idaho General Mines, Inc.

6 References

WESTEC. 1995. *Mount Hope Environmental Due Diligence Prepared for Kennecott Corporation*, December, 1995.

Figures

**Nevada Standardized Bond Calculation
Fleets (Crews)**

Project Name: Mount Hope Drilling- Notice or Exploration
Date of Submittal: December 15, 2006
File Name: drill holes_121506_1_1_1.xls
Model Version: Version 1.1.1 (updated November 9, 2006)
Cost Data: Standardized Data
Cost Data File: cost_data-std-nv2006.xls

EQUIPMENT FLEETS			
B-10Y - General Compaction			
General Laborer	\$0.00	\$36.57	\$36.57
CS563E Vibratory Roller	\$60.84	\$56.20	\$117.04
Totals	\$60.84	\$92.77	\$153.61
B-11L - Fine Grading for Evaporation Pond Liner Base			
General Laborer	\$0.00	\$36.57	\$36.57
14G/H	\$141.21	\$57.22	\$198.43
Totals	\$141.21	\$93.79	\$235.00
B-11M - Backhoe Work			
420D 4WD Backhoe	\$44.97	\$58.26	\$103.23
Totals	\$44.97	\$58.26	\$103.23
B-12G - Rip-Rap Machine Placed (Modified)			
986G	\$138.39	\$58.56	\$196.95
325C	\$95.00	\$58.56	\$153.56
Light Truck - 1.5 Ton	\$6.66	\$0.00	\$6.66
Totals	\$240.05	\$117.12	\$357.17
B-13 - Grouted Rip-Rap & Gabion Baskets			
General Laborer	\$0.00	\$36.57	\$36.57
General Laborer	\$0.00	\$36.57	\$36.57
General Laborer	\$0.00	\$36.57	\$36.57
General Laborer	\$0.00	\$36.57	\$36.57
Foreman	\$7.16	\$66.24	\$73.40
25 Ton Crane	\$88.58	\$56.50	\$145.08
Totals	\$95.74	\$269.02	\$364.76
B-12G - Rip-Rap Machine Placed (Modified)			
986G	\$138.39	\$58.56	\$196.95
325C	\$95.00	\$58.56	\$153.56
Light Truck - 1.5 Ton	\$6.66	\$0.00	\$6.66
Totals	\$240.05	\$117.12	\$357.17
B-12G - Rip-Rap Machine Placed (Modified)			
986G	\$138.39	\$58.56	\$196.95
325C	\$95.00	\$58.56	\$153.56
Light Truck - 1.5 Ton	\$6.66	\$0.00	\$6.66
Totals	\$240.05	\$117.12	\$357.17
B-14 PVC Drain Pipe Installation			
Foreman	\$0.00	\$66.24	\$66.24
General Laborer	\$0.00	\$36.57	\$36.57
General Laborer	\$0.00	\$36.57	\$36.57
General Laborer	\$0.00	\$36.57	\$36.57
General Laborer	\$0.00	\$36.57	\$36.57
420D 4WD Backhoe	\$44.97	\$58.26	\$103.23
Light Truck - 1.5 Ton	\$6.66	\$0.00	\$6.66
Totals	\$51.63	\$270.78	\$322.41
B-22A - HDEP Installation - Pipe or Liner			
Foreman	\$7.16	\$66.24	\$73.40
Skilled Laborer	\$0.00	\$37.18	\$37.18
General Laborer	\$0.00	\$36.57	\$36.57
General Laborer	\$0.00	\$36.57	\$36.57
Light Truck - 1.5 Ton	\$6.66	\$0.00	\$6.66
5 Ton Crane/Truck	\$35.86	\$56.50	\$92.36
Generator 5KW	\$8.72	\$0.00	\$8.72
HDEP Welder (pipe or liner)	\$43.40	\$0.00	\$43.40
Totals	\$101.80	\$233.06	\$334.86

**Nevada Standardized Bond Calculation
Fleets (Crews)**

Project Name: Mount Hope Drilling- Notice or Exploration
Date of Submittal: December 15, 2006
File Name: drill holes_121506_1_1_1.xls
Model Version: Version 1.1.1 (updated November 9, 2006)
Cost Data: Standardized Data
Cost Data File: cost_data-std-nv2006.xls

EQUIPMENT FLEETS			
B-80A - Install Barbed Wire Fence			
General Laborer	\$0.00	\$36.57	\$36.57
General Laborer	\$0.00	\$36.57	\$36.57
General Laborer	\$0.00	\$36.57	\$36.57
Light Truck - 1.5 Ton	\$6.66	\$0.00	\$6.66
Totals	\$6.66	\$109.71	\$116.37
B-80C - Install Chain Link Fence (Flatbed truck has small crane)			
General Laborer	\$0.00	\$36.57	\$36.57
General Laborer	\$0.00	\$36.57	\$36.57
General Laborer	\$0.00	\$36.57	\$36.57
Light Truck - 1.5 Ton	\$6.66	\$0.00	\$6.66
Totals	\$6.66	\$109.71	\$116.37
C-14B - Elevated Concrete Slabs (Reinforced Concrete Shaft Covers)			
Foreman	\$7.16	\$66.24	\$73.40
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
General Laborer	\$0.00	\$36.57	\$36.57
General Laborer	\$0.00	\$36.57	\$36.57
Rodmen (reinforcing concrete)	\$0.00	\$36.69	\$36.69
Rodmen (reinforcing concrete)	\$0.00	\$36.69	\$36.69
Rodmen (reinforcing concrete)	\$0.00	\$36.69	\$36.69
Rodmen (reinforcing concrete)	\$0.00	\$36.69	\$36.69
Cement finisher	\$0.00	\$36.87	\$36.87
Cement finisher	\$0.00	\$36.87	\$36.87
Gas Engine/Vibrator	\$7.50	\$56.20	\$63.70
Concrete Pump	\$92.40	\$0.00	\$92.40
Totals	\$107.06	\$1,086.32	\$1,193.38

**Nevada Standardized Bond Calculation
Fleets (Crews)**

Project Name: Mount Hope Drilling- Notice or Exploration
Date of Submittal: December 15, 2006
File Name: drill holes_121506_1_1_1.xls
Model Version: Version 1.1.1 (updated November 9, 2006)
Cost Data: Standardized Data
Cost Data File: cost_data-std-nv2006.xls

EQUIPMENT FLEETS			
C-14D - Concrete Walls Formed in Place (Reinforced Concrete Adit Bulkheads)			
Foreman	\$7.16	\$66.24	\$73.40
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
Carpenter	\$0.00	\$41.89	\$41.89
General Laborer	\$0.00	\$36.57	\$36.57
General Laborer	\$0.00	\$36.57	\$36.57
Rodman (reinforcing concrete)	\$0.00	\$36.69	\$36.69
Rodman (reinforcing concrete)	\$0.00	\$36.69	\$36.69
Cement finisher	\$0.00	\$36.87	\$36.87
Gas Engine Vibrator	\$7.50	\$56.20	\$63.70
Concrete Pump	\$92.40	\$0.00	\$92.40
Totals	\$107.06	\$1,059.85	\$1,166.91

Nevada Standardized Bond Calculation Productivity

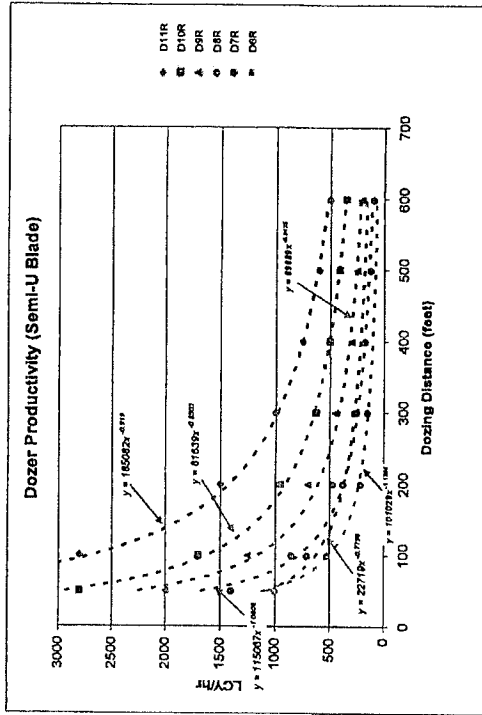
Productivity - Bulldozers

Dozer Specifications									
Description	D11R	D10R	D8R	D7R	D6R	D11R	D10R	D8R	D6R
Blade Width (ft)	16.33 ft	15.92 ft	14.17 ft	12.62 ft	10.87 ft	16.33 ft	15.92 ft	14.17 ft	10.87 ft
Shank Gauge (3 shanks)	9.83 ft	8.67 ft	7.08 ft	6.50 ft	6.50 ft	9.83 ft	8.67 ft	7.08 ft	6.50 ft
Spading Capacity	4.75 ft	4.33 ft	3.87 ft	3.25 ft	3.25 ft	4.75 ft	4.33 ft	3.87 ft	3.25 ft
Spading Capacity (Upper + 1 Prod)	14.56 ft	13.00 ft	11.54 ft	10.88 ft	8.75 ft	14.56 ft	13.00 ft	11.54 ft	8.75 ft
Spading Capacity (Upper + 2 Prod)	1.0 mph	1.0 mph	1.0 mph	1.0 mph	1.0 mph	1.0 mph	1.0 mph	1.0 mph	1.0 mph
Ripping Capacity (ft)	0.25 min	0.25 min	0.25 min	0.25 min	0.25 min	0.25 min	0.25 min	0.25 min	0.25 min
Ripping Hourly Production (with job efficiency correction factor) (excluding maneuvering time)	3287 ft	3287 ft	3287 ft	3287 ft	3287 ft	3287 ft	3287 ft	3287 ft	3287 ft

Source: Caterpillar Performance Handbook Edition 35

Dozer Productivity vs. Grading Distance									
Production (LCY/hr)									
Average Dozing Distance (feet)	D11R	D10R	D8R	D7R	D6R	D11R	D10R	D8R	D6R
50	4800	2800	2000	1400	1000	4800	2800	2000	1400
100	2800	1700	1250	850	700	2800	1700	1250	700
200	1500	950	700	475	375	1500	950	700	375
300	1000	625	450	275	250	1000	625	450	250
400	750	500	300	175	150	750	500	300	150
500	600	410	250	125	125	600	410	250	125
600	500	350	200	100	100	500	350	200	100
dozer productivity = $k \times \text{Dozing Distance}^p$ (see graph)									
k =	185042	61839	48889	11507	22719	185042	61839	48889	11507
p =	-0.819	-0.8502	-0.8425	-1.0098	-0.7796	-0.819	-0.8502	-0.8425	-0.7796

Source: Caterpillar Performance Handbook Edition 35



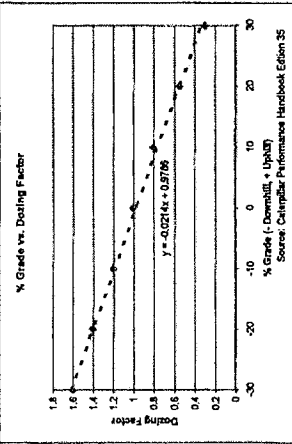
Nevada Standardized Bond Calculation Productivity

Productivity - Bulldozers (cont.)

% Grade vs. Dozing Factor	
% Grade	Dozing Factor
-30	1.6
-20	1.4
-10	1.2
0	1.0
10	0.8
20	0.6
30	0.5

Source: Caterpillar Performance Handbook Edition 35

% Grade Dozing Factor = $-0.0214x + 0.9768$
(see graph)



Job Condition Correction Factors - Bulldozers	
OPERATOR	0.75
Average	1.20
MATERIAL (1)	1.00
Loose stockpile	0.80
Normal	0.80
Hard to cut; frozen — with till cylinder	0.80
Hard to drift; "dead" (dry, non-cohesive material) or very sticky material	0.80
Rocky or boulders	1.20
SLIPPERINESS OR SIDE BY SIDE DOZING (1)	1.00
WEARABILITY	1.00
Good conditions	0.83
JOB EFFICIENCY	0.83
50 mph	

(1) Selected in heavy workloads. Other factors included as standard factors.

Source: Caterpillar Performance Handbook Edition 35

Material Densities ⁽¹⁾		
Material	lb/cy	kg/m ³
Aluminum	2,900	1,720
Basalt	3,300	1,960
Clay - Dry	2,500	1,480
Gravels - broken	2,800	1,690
Gravel	2,550	1,510
L.S. - broken	2,600	1,540
L.S. - crushed	2,800	1,540
Sandstones	2,550	1,510
Shale	2,100	1,250
Shale - crushed	2,700	1,600
Tallings - Coarse (dry, loose sand)	2,400	1,420
Tallings - Shires (loose sand & clay)	2,700	1,600
Topsail	1,800	950

(1) Source: Caterpillar Performance Handbook

Note: Use Sand & Gravel - Dry from Caterpillar Handbook

Nevada Standardized Bond Calculation Productivity

Productivity - Scrapers

Scraper Specifications		631G	637G PP
Empty Weight		100,000 lb	112,780 lb
Payload Capacity		24 cy	24 cy
	Shaped	34 cy	34 cy
	Average	28 cy	28 cy
Loaded by		One D10R	Self
Load Time		0.5 min	0.5 min
Maneuver and Spread		0.7 min	0.6 min
Job Efficiency		0.83	0.83
Rolling Resistance**		2.5%	2.5%

* Requires pair

** A firm, smooth, rolling roadway with dirt or light surfacing, flexing slightly under load or undulating, maintained fairly regularly, wetted

Source: Caterpillar Performance Handbook Edition 35

Weight of Materials

Material	Weight (lb)	Weight (lb)	Weight (lb)
Alluvium	84,100	184,700	184,700
Basalt	96,700	184,700	184,700
Clay - Dry	2,500	173,100	173,100
Granite - broken	2,500	173,100	173,100
Gravel	2,500	173,100	173,100
LS - broken	2,500	173,100	173,100
LS - crushed	2,500	173,100	173,100
Sandstone	2,500	173,100	173,100
Shale	2,100	161,500	161,500
Stone - crushed	2,100	161,500	161,500
Trailing - coarse (dry, loose sand)	2,100	161,500	161,500
Trailing - Silts (loose sand & clay)	2,100	161,500	161,500
Topsoil	1,000	141,000	141,000

Downhill Scraper Speed - Grade Retarding vs. Effective Grade (Grade - Rolling Resistance)											
631G						637G PP					
Material	Weight (lb)	22.0%	15.0%	10.0%	5.0%	1.0%	Weight (lb)	25.0%	20.0%	15.0%	10.0%
Alluvium	84,100	7.5	10	13	33	33	184,860	7	10	10	13.5
Basalt	96,700	7.5	10	13	24.5	33	208,460	7	10	10	18.5
Clay - Dry	2,500	7.5	10	13	33	33	165,260	7	10	10	18.5
Granite - broken	2,500	7.5	10	13	33	33	193,960	7	10	10	18.5
Gravel	2,500	7.5	10	13	33	33	186,710	7	10	10	18.5
LS - broken	2,500	7.5	10	13	33	33	186,180	7	10	10	18.5
LS - crushed	2,500	7.5	10	13	33	33	186,180	7	10	10	18.5
Sandstone	2,500	7.5	10	13	33	33	186,710	7	10	10	18.5
Shale	2,100	7.5	10	16	33	33	173,660	10	10	13.5	18.5
Stone - crushed	2,100	7.5	10	13	33	33	181,060	7	10	10	18.5
Trailing - coarse (dry, loose sand)	2,100	7.5	10	13	33	33	182,560	7	10	10	18.5
Trailing - Silts (loose sand & clay)	2,100	7.5	10	18	33	33	181,060	7	10	10	18.5
Topsoil	1,000	7.5	10	18	33	33	181,060	10	10	13.5	18.5

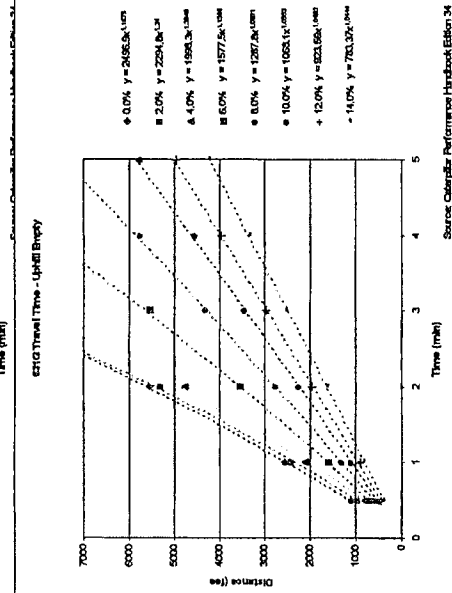
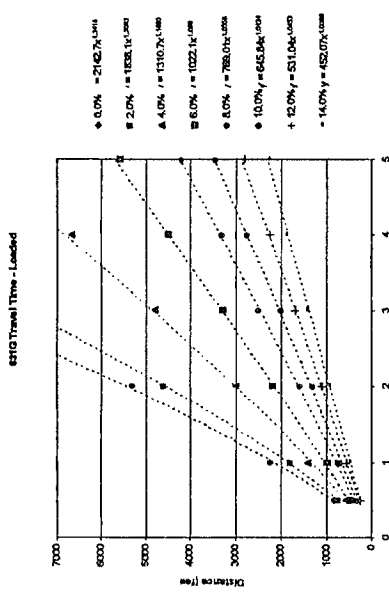
Source: Caterpillar Performance Handbook Edition 34

Nevada Standardized Bond Calculation Productivity

Productivity - Scrapers (cont.)

631G Scraper Travel Time - Uphill Loaded						
Total Resistance (%) (rolling + grade)	Time (min)					
	0.5	1	2	3	4	5
0.0%	825	2250	5300			
2.0%	750	1800	4600			
4.0%	580	1400	3000	4800	6700	
6.0%	490	1000	2200	3300	4500	5800
8.0%	375	750	1600	2500	3300	4200
10.0%	300	700	1300	2000	2750	3450
12.0%	250	550	1100	1700	2250	2800
14.0%	225	450	900	1400	1850	2250
Travel Time (min) = $\sqrt{\frac{\text{distance}}{k}}$						

Source: Caterpillar Performance Handbook Edition 35



Source: Caterpillar Performance Handbook Edition 34

631G Scraper Travel Time - Uphill Empty						
Total Resistance (%) (rolling + grade)	Time (min)					
	0.5	1	2	3	4	5
0.0%	1100	2550	5550			
2.0%	950	2400	5300			
4.0%	800	2100	4750			
6.0%	700	1800	3550	5550		
8.0%	600	1500	2750	4300	5750	
10.0%	500	1100	2250	3450	4550	5750
12.0%	450	900	1850	2950	3950	4950
14.0%	375	800	1650	2500	3300	4200
Travel Time (min) = $\sqrt{\frac{\text{distance}}{k}}$						

Source: Caterpillar Performance Handbook Edition 35

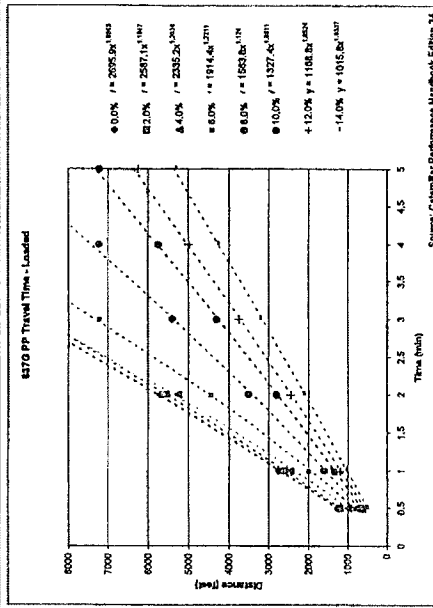
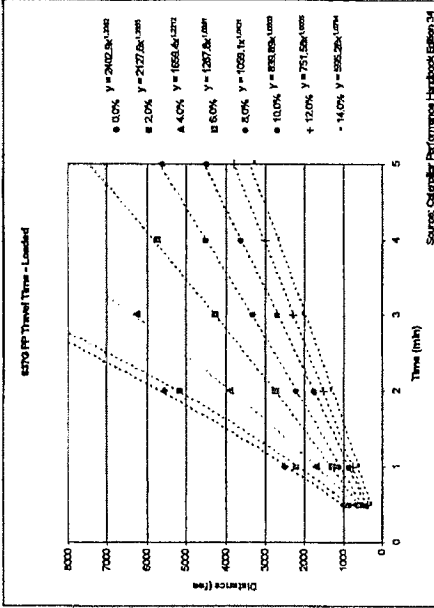
Nevada Standardized Bond Calculation Productivity

Productivity - Scrapers (cont.)

637G Push-Pull Scraper Travel Time - Uphill Loaded									
Total Resistance (%) (rolling + grade)	0.5	1	2	3	4	5	k	p	
0.0%	1000	2500	5550				2402.9	1.2382	
2.0%	850	2200	5150				2127.6	1.2895	
4.0%	700	1900	4750	8250			1858.4	1.2212	
6.0%	550	1600	4350	7850	4300	5750	1587.8	1.0891	
8.0%	400	1300	3950	7450	3900	5350	1317.2	1.0421	
10.0%	250	1000	3550	7050	3500	4950	1046.6	1.0053	
12.0%	100	750	3150	6650	3100	4550	776.0	1.0055	
14.0%		500	2750	6250	2700	4150	505.4	1.0784	

$$\text{Travel Time (min)} = \sqrt{\frac{\text{distance}}{k}}$$

Source: Caterpillar Performance Handbook Edition 35



637G Push-Pull Scraper Travel Time - Uphill Empty									
Total Resistance (%) (rolling + grade)	0.5	1	2	3	4	5	k	p	
0.0%	1250	2750	5700				2695.9	1.0945	
2.0%	1200	2600	5550				2587.1	1.1047	
4.0%	980	2450	5250				2332.2	1.0234	
6.0%	800	2000	4450	7216			1914.4	1.2211	
8.0%	700	1800	3900	5400	7216		1583.9	1.1724	
10.0%	625	1350	2800	4300	5750	7216	1327.4	1.0811	
12.0%	550	1200	2450	3750	5000	6250	1105.8	1.0524	
14.0%	495	1010	2100	3200	4250	5300	1015.8	1.0337	

$$\text{Travel Time (min)} = \sqrt{\frac{\text{distance}}{k}}$$

Source: Caterpillar Performance Handbook Edition 35

Nevada Standardized Bond Calculation Productivity

Productivity - Haul Trucks

Haul Truck Specifications	
Chassis Weight	7770
Body Weight	53,508 lb
Standard Liner Weight	38,786 lb
Total Truck Weight	148,383 lb
Rated Capacity	70,708 lb
Maneuver to Load Time	21.6 cy
Maneuver and Dump Time	78.8 cy
Job Efficiency	28.65 cy
Rolling Resistance**	0.7 min
	1.1 min
	0.83
	2.5%

**A firm, smooth, rolling roadway with dirt or light surfacing, testing slightly under

Source: Caterpillar Performance Handbook Edition 35

Weight of Materials		Downhill Haul Truck Speed - Grade Retarding vs. Effective Grade (Grade - Rolling Resistance)												
		Truck (769D) Load (lb)	Truck (7770) Load (lb)	Loaded Weight (lbs)	20.0%	15.0%	10.0%	5.0%	Loaded Weight (lbs)	20.0%	15.0%	10.0%	5.0%	
Aluminum	ibcy	2,900	77,285	193,720	147,991	11	11	15	28	342,083	7	9	12	28
Asphalt		3,300	87,245	220,440	155,851	11	11	15	20	385,803	7	7	12	21
Crust - Dry		2,900	87,245	193,720	147,991	11	11	15	28	315,983	7	9	18	29
Crust - Broken		2,900	87,245	193,720	147,991	11	11	15	28	315,983	7	9	12	29
Gravel		2,550	67,958	170,340	145,328	11	11	15	28	316,703	7	9	16	29
U.S. - broken		2,800	69,200	173,880	139,998	11	11	15	28	322,043	7	9	12	28
U.S. - crushed		2,800	69,200	173,880	139,998	11	11	15	28	322,043	7	9	12	28
Sandstone		2,550	67,958	170,340	139,998	11	11	15	28	318,703	7	9	18	29
Shale		2,100	55,865	140,280	128,371	11	11	15	28	289,643	7	9	18	28
Stone - crushed		2,700	71,955	180,360	142,881	11	11	15	28	328,723	7	9	12	28
Trailing - Coarse (dry, loose sand)		2,400	69,600	178,200	142,881	11	11	15	28					
Trailing - Silts (loose sand & clay)		2,700	78,300	178,900	142,881	11	11	15	28					
Topsoil		1,800	42,840	106,860	113,348	11	11	15	28	255,243	8	12	18	29
				Empty	Empty	15	15	20	35	Empty	18	16	29	38

Source: CraneLife Performance Handbook Edition 36

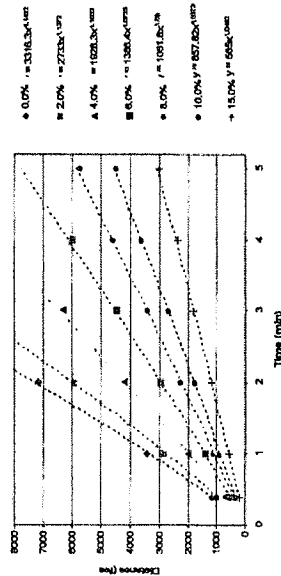
Source: Caterpillar Performance Handbook Edition 35

Total Resistance (%) (rolling + grade)		769D Haul Truck Travel Time - Uphill Loaded					
0.4	1	2	3	4	5	k	p
14.6	34.26	7153	5604	4188	3318.3	1.1422	
2.0%	951	2821	2221	1984	1723	1.1372	
4.0%	688	1984	1684	1427	1263.3	1.1033	
6.0%	508	1427	1263	1082	957.8	1.0725	
8.0%	384	1082	957	839	740	1.05	
10.0%	328	839	740	602	574	1.0373	
15.0%	213	574	450	380	3018	1.0482	

$$\text{Travel Time (min)} = \frac{\text{distance}}{k}$$

Source: Caterpillar Performance Handbook Edition 35

769D Travel Time - Loaded



Source: Caterpillar Performance Handbook Edition 35

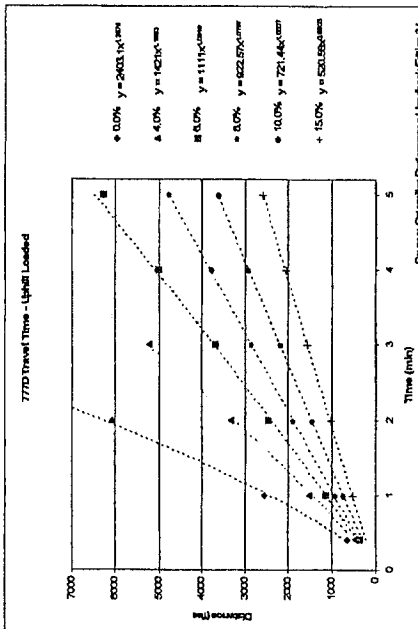
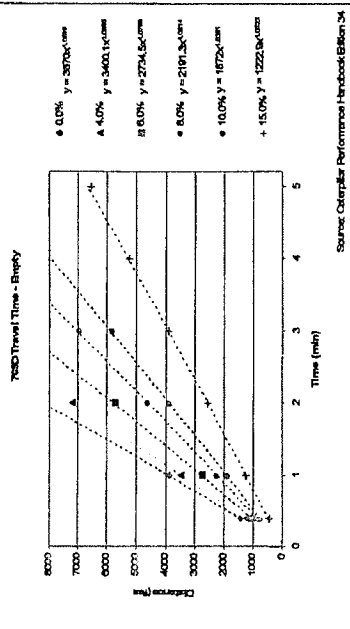
Nevada Standardized Bond Calculation Productivity

Productivity - Haul Trucks (cont.)

Total Resistance (%) (rolling + grade)	788D Haul/Truck Travel Time - Uphill Empty					
	0.4	1	2	3	4	5
0.0%	1427	3870	7183	3400.1	3870	1.0888
4.0%	1246	3444	6740	3100.1	3400.1	1.0885
8.0%	1017	2755	5740	2734.5	2734.5	1.0758
8.0%	820	2230	4592	2181.3	2181.3	1.0614
10.0%	722	1870	3870	1872	1872	1.0391
15.0%	459	1246	2555	1222.9	1222.9	1.0523

$$\text{Travel Time (min)} = \sqrt{\frac{\text{distance}}{k}}$$

Source: Caterpillar Performance Handbook Edition 35



Total Resistance (%) (rolling + grade)	777D Haul/Truck Travel Time - Uphill Loaded					
	0.4	1	2	3	4	5
0.0%	658	2359	6085	5215	7085	2403.1
4.0%	459	1509	3313	2715	5018	1412
8.0%	394	1148	2460	2008	3708	1111
8.0%	316	916	1886	1537	2837	922.57
10.0%	222	722	1443	1165	2034	721.44
15.0%	525	525	1017	1559	2034	520.59

$$\text{Travel Time (min)} = \sqrt{\frac{\text{distance}}{k}}$$

Source: Caterpillar Performance Handbook Edition 35

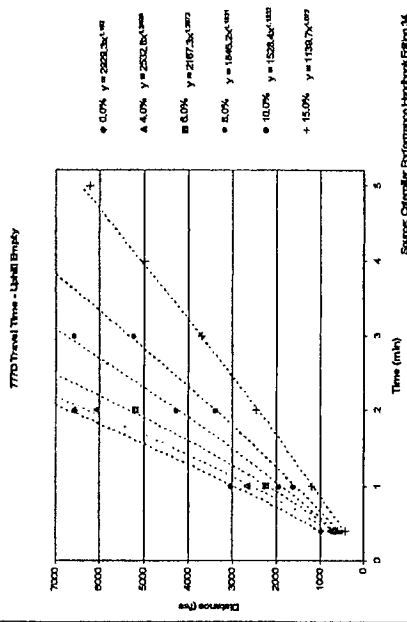
Nevada Standardized Bond Calculation Productivity

Productivity - Haul Trucks (cont.)

Total Resistance (%)		777D Haul Truck Travel Time - Uphill Empty					
(rolling + grade)		Time (min)					
		0.4	1	2	3	4	5
0.0%	868	3034	6580				
4.0%	754	2857	6068				
8.0%	656	2247	5182				
10.0%	607	1935	4248	6550			
15.0%	525	1807	3378	5215	7282		
	410	1187	2480	3708	4985	6232	

$$\text{Travel Time (min)} = \sqrt{\frac{\text{distance}}{k}}$$

Source: Caterpillar Performance Handbook Edition 35



Nevada Standardized Bond Calculation Productivity

Productivity - Wheel Loaders

Wheel Loader Specifications		210G	260G	310G	370G	310G	392G
Payload Capacity	Struck	2.5 cy	4.48 cy	4.71 cy	5.5 cy	8.9 cy	13.2 cy
	Heaped	3.25 cy	5.9 cy	6.3 cy	7.5 cy	12.3 cy	18.6 cy
	Average	2.88 cy	5.19 cy	5.51 cy	6.5 cy	11.6 cy	17.9 cy
Rated Truck		N/A	N/A	N/A	N/A	7680	7770
Average Cycle Time		0.45 min	0.50 min	0.50 min	0.55 min	0.60 min	0.60 min
Passes to Fill Truck		N/A	N/A	N/A	N/A	4	5
Time to Fill Truck		N/A	N/A	N/A	N/A	2.29	3.23
Rolling Resistance**		2.5%	2.5%	2.5%	2.5%	2.5%	2.5%

**A firm, smooth, rolling roadway with

Source: Caterpillar Performance Handbook Edition 35

Wheel Loaders	General Purpose	Spade Nose-Rock
210G	3.25 cubic yard	not available
260G	5.5 cubic yard	not available
310G	5.5 cubic yard	not available
370G	not available	8.3 cubic yard
310G	not available	16.0 cubic yard

note: capacities are 2:1 heaped, SAE standards
NOTES: Buckets for both Truck Excavators and Wheel Loaders are offered by CECO & available for the rental rates quoted. Bucket sizes and capacities obtained from CATERPILLAR PERFORMANCE HANDBOOK, ED 34, Section 12, Wheel Loader and Section 4, Excavators. Bucket capacity and width dictated by material weight and configuration, i.e., shot, loose, light bank, stockpile, rock, etc. Typical Nevada applications were used to determine above bucket capacities as related to materials & densities. Job site specifics may alter specific bucket requirements. (Cashman Equipment, Etc. Nevada - February 21, 2005)

Productivity - Motor Graders

Motor Grader Specifications		140H	160H
Grader Width		14.0 ft	16.0 ft
Blade Width		14.0 ft	16.0 ft
Blade Width (7 shanks)		14.0 ft	16.0 ft
Rear Maintenance Speed		3.0 mph	3.0 mph
	Minimum	3.0 mph	3.0 mph
	Maximum	8.5 mph	8.5 mph
	Average	6.3 mph	6.3 mph
Hourly Production		33,000 ft	33,000 ft
Ripping Speed		1.0 mph	1.0 mph
	Minimum	0.0 mph	0.0 mph
	Maximum	3.0 mph	3.0 mph
	Average	1.5 mph	1.5 mph
Hourly Production (with job efficiency correction factor) (excluding maneuver time)		4930 ft	4930 ft
Maneuver time per pass		0.5 min	0.5 min

Source: Caterpillar Performance Handbook Edition 35

Nevada Standardized Bond Calculation Productivity

Productivity - Excavators

Track Excavator Specifications		320C	335C	345B	345BL
Bucket Capacity		2.22 cy	3.00 cy	3.00 cy	3.00 cy
Fill Factor		0.80	0.80	0.80	0.80
Average Bucket Load		1.78 cy	2.40 cy	2.40 cy	2.40 cy
Job Conditions		hard clay	hard clay	hard clay	hard clay
Soil Condition		medium	medium	medium	medium
Cycle Times (minutes) - based on hard clay					
Load Bucket		0.09	0.09	0.13	0.19
Swing Loaded		0.06	0.06	0.07	0.06
Dump Bucket		0.03	0.04	0.02	0.03
Swing Empty		0.05	0.05	0.05	0.07
Total Cycle Time		0.23	0.25	0.28	0.35
Job Efficiency		0.83	0.83	0.83	0.83
Operator Efficiency (Average)		0.75	0.75	0.75	0.75
Corrected Productivity (LCY/hr)		228 cy	288 cy	360 cy	701 cy
Exploration Road Cycle Time IV		0.38	0.40	N/A	N/A
Exploration Road Cor Prod (LCY/hr)		132 cy	187 cy	11.42 ft	11.50 ft
Track Width		9.17 ft	9.83 ft	11.42 ft	11.50 ft
Ditch/Trench Excavation					
Bucket Capacity		0.45 cy	0.68 cy	2.09 cy	2.75 cy
Fill Factor		0.50	0.50	0.50	0.50
Corrected Productivity (LCY/hr)		31 cy	66 cy	139 cy	147 cy

Source: Caterpillar Performance Handbook Edition 35

NOTE: capacities are 2.1 heaped, SAE standards available for the rental rates quoted. Bucket sizes and capacities obtained from CATERPILLAR PERFORMANCE HANDBOOK, ED 34, Section 12, Wheel Loader and Section 4, Excavators. Bucket capacity and width dictated by material weight and configuration, i.e., shot, loose, tight bank, steeple, rock, etc. Typical Nevada applications were used to determine above bucket capacities as related to materials & densities. Job site specifics may alter specific bucket requirements (Cashman Equipment, Exo, Nevada - February 21, 2005)

(1) Exploration cycle time assumes feathering/smoothing performed by excavator

Concrete Breaking Production

Track Excavator with Hammer Specifications		320C	345B	345BL
Description		H1200 s	H1600 s	H1600 s
Material		reinforced concrete	reinforced concrete	reinforced concrete
Min Shift Production (B/hr)		180 cy	300 cy	350 cy
Max Shift Production (B/hr)		300 cy	850 cy	1550 cy
Avg Shift Production (B/hr)		230 cy	575 cy	850 cy
Job Efficiency		0.83	0.83	0.83

Source: Caterpillar Performance Handbook Edition 35

Nevada Standardized Bond Calculation Productivity

Drill Hole Plugging Productivity

Drill Hole Plugging Productivity		
Description	Drill Rig	Pump Rig
Move-to-hole, set-up, tear-down	1.5 hr	1.5 hr
Pulling casing (threaded, not cemented)	60 0/hr	
Single-pass perforating (water wells)		
4-inch	240 0/hr	
6-inch	240 0/hr	
8-inch	200 0/hr	
12-inch	150 0/hr	
18-inch	40 0/hr	
Perforation setup, up, in/out, tear-down lit	1.0 hr	
Perforation tool cost (near cost)	\$1.25 ft	
Inert Material Placement (backfill)		
Groutings/Cement		\$3.33 cy/hr
Cuttings (see below)		3.50 cy/hr
Cuttings Placement Productivity		
Shift productivity (Means 0210-700-0120; Crew B11M)		28 cy / shift
Shift length		8 hours
Estimated Hourly Productivity		3.5 cy / hour

Source: WDC Exploration, Dec 2005



SRK Consulting (U.S.), Inc.
1250 Lamaille Hwy, #520
Elko, Nevada
89801 USA

email: elko@srk.com
URL: <http://www.srk.com>
Tel: 775.753.4151
Fax: 775.753.4152

December 19, 2006

Mr. Thomas Seeley
U.S. Bureau of Land Management
Battle Mountain Field Office
50 Bastian Road
Battle Mountain, Nevada 89820

Re: Mount Hope Mine Drilling Program – Additional Baseline Drilling Notice

Dear Mr. Seeley:

On behalf of Idaho General Mines, Inc. (IGMI), SRK is submitting this Notice to conduct condemnation drilling for IGMI's Mount Hope Project. The results from this program will be used as baseline information in the environmental impact statement. The Notice describes the Project Area location, the proposed activities, and reclamation activities. A reclamation bond estimate is also included.

Please call Mr. John Mears (IGMI) at 509.838.1213 if you have any questions concerning this submission.

Sincerely,
SRK Consulting (U.S.), Inc.

Val Sawyer
Principal Consultant

cc: J. Mears, IGMI

RECEIVED-MAIL ROOM
2006 DEC 20 A.M. 11:34
B-1
m
of
1
1

Group Offices:
Africa
Asia
Australia
North America
South America
United Kingdom

North American Offices:
Denver 303.985.1333
Elko 775.753.4151
Fort Collins 970.407.8302
Reno 775.828.6800
Toronto 416.601.1445
Tucson 520.544.3668



Mount Hope

Amendment to Notice for Condemnation Drilling Activities

Report Prepared for
Idaho General Mines, Inc.

Report Prepared by



December 2006



Mount Hope

Amendment to Notice for Condemnation Drilling Activities

Idaho General Mines, Inc.

**Mount Hope
10 N. Post Street, Suite 610
Spokane, WA 99201
Phone: (509) 838-1213
Fax: (509) 838-0457**

**SRK Consulting (U.S.), Inc.
Suite 520, 1250 Lamoille Highway
Elko, Nevada, USA 89801**

**Tel: 775.753.4151 Fax: 775.753.4152
Web site: www.srk.com**

SRK Project Number 157501

December 2006

Author: Val Sawyer

TABLE OF CONTENTS

1. OPERATOR INFORMATION	1
1.1 NAME AND ADDRESS	1
1.2 TAXPAYER ID NUMBER	1
1.3 LIST CLAIM NAMES AND BLM SERIAL NUMBERS	1
1.4 LOCATION OF PROPOSED ACTIVITY	1
2 DESCRIPTION OF EXISTING AND PROPOSED DISTURBANCE IN PROJECT AREA	2
2.1 EXISTING DISTURBANCE	2
2.2 AMENDED PROPOSED ACTIVITIES	3
2.3 APPROXIMATE DATE OPERATION WILL BEGIN AND END	4
2.4 STANDARD OPERATING PROCEDURES	4
2.4.1 Cultural Resources	4
2.4.2 Pony Express Trail	4
2.4.3 Surface and Ground Water	4
2.4.4 Solid Waste	5
2.4.5 Air Quality	5
2.4.6 Erosion and Sediment Control	5
2.4.7 Fire Protection	5
2.4.8 Forestry	5
2.4.9 Wildlife	5
2.4.10 Wild Horses	6
2.4.11 Livestock	6
2.4.12 Employee Training	6
3 RECLAMATION PLAN	7
3.1 PROPOSED ACTIVITIES FOR RECLAMATION	7
3.1.1 Re-contouring, Seedbed Preparation, and Seeding	7
3.1.2 Measures Used to Minimize Loading of Sediment to Surface Waters	7
3.1.3 Schedule for the Project and Reclamation	8
3.1.4 Drill Hole Plugging Procedures	8
3.1.5 Monitoring	8
3.1.6 Measures to be taken during Extended Periods of Non-Operation	8
4 RECLAMATION COSTS	9
4.1 NARRATIVE DESCRIPTION OF PROPOSED RECLAMATION ACTIVITIES	9
4.2 RECLAMATION COST ESTIMATE	9
5 RECLAMATION RESPONSIBILITY	10

Tables

Table 1: Project Disturbance	1
Table 2: Proposed Disturbance	3

Figures

Figure 1: Project Area for Notice – Level Drilling

Appendices

Appendix A – List of Claims

Appendix B – Mount Hope Mine Project Bond Cost Estimate

1. Operator Information


1.1 Name and Address

Corporate: Idaho General Mines, Inc.
Address: N. 10 Post Street, Suite 610
Spokane WA 99201
Phone: 509.838.1213
Fax: 509.838.0457

Corporate Contact: John Mears
Phone: 509.227.6861
Fax: 509.838.0457

Local Contact: SRK Consulting, Inc.
Address: 1250 Lamoille Hwy, Suite 520
Elko, NV 89801
Contact: Val Sawyer
Phone: 775.753.4151
Fax: 775.753.4152

1.2 Taxpayer ID Number

The taxpayer ID number is 91-

1.3 List Claim Names and BLM Serial Numbers

The claim names and BLM serial numbers are included in Appendix A.

1.4 Location of Proposed Activity

The proposed drilling project will be located in the areas defined in Table 1.

Table 1: Project Disturbance

Township	Range	Section
22N	51E	1, 2, 12
22N	51½E	12, 13,
22N	52E	7, 18, 1

Figure 1 shows the general project location.

2 Description of Existing and Proposed Disturbance in Project Area

2.1 Existing Disturbance

The Project Area has an extensive mining history. The Project Area is located in the Mount Hope Mining District which includes the historical workings of the Mount Hope Mine, located on the eastern flank of Mount Hope. Zinc-rich ores containing concentrations of lead, silver, and copper were discovered in 1870 in the district. However, it was not until 1886 that work began at the Mount Hope Mine which was the only productive property in the district. The zinc-rich skarn ores were mined intermittently until the middle 1940s from four principal areas: the Lorraine Area; the Whim Shaft; the Mount Hope No. 1 adit, and the No. 2 adit (WESTEC 1995).

The major workings in the Lorraine Area were opened in 1886 and consist of a main adit about 240 feet in length, two shafts about 90 and 135 feet, and drifts on four levels. The Mount Hope No. 2 adit was driven in 1890 along with the Whim shaft. The No. 2 adit is about 1,350 feet long with about 1,745 feet of subdrifts, crosscuts, and raises. The Whim shaft is about 90 feet deep.

In 1926 the U.S. Smelting, Refining, and Mining Company drove the Mount Hope No. 1 adit which is about 800 feet long and has about 3,255 feet of drifts, crosscuts, raises, and winzes. The property was optioned to Universal Exploration Company in 1928, which subsequently purchased the property in 1930. Additional exploration work was conducted under a number of leases until the 1940s when Callahan Zinc-Lead Company obtained a long-term lease and initiated an extensive drilling and development program. A power plant and concentrating mill and tailings impoundments were constructed by the Callahan Company. Exploration in 1943, 1944, and 1945 included a drilling program conducted by the U.S. Bureau of Mines. The first concentrates were shipped in 1945, but the mine was shut down in 1947 after a fire destroyed the powerhouse. No further production occurred after 1947 (WESTEC 1995).

In 1967 patented and unpatented claims were acquired by Mount Hope Mines, Inc. Since 1967 the patented and unpatented claims comprising the Mount Hope Mines, Inc. property have been owned by Mr. H Jensen, who subsequently sold an interest in the property to Mr. H. Drimmer. Activities since that time have included some exploratory drilling in the mine area and the intermittent toll milling of ores. During this period a decline adit was driven by Mount Hope Mines, Inc. and intercepted the Mount Hope No. 1 adit through an air raise shaft (WESTEC 1995).

Several companies including Bear Creek Mining Company, Phelps Dodge, Phillips Petroleum Company, AMAX, ASARCO, and Gulf Mineral Resources examined the property during the 1970s. An extensive drilling and development program by the Mount Hope Mining Company and Phillips Petroleum Company during 1970 and 1971 confirmed that substantial copper mineralization occurred at depth and a low grade but continuous molybdenum mineralization occurred also (WESTEC 1995).

The most significant recent activity was Exxon Minerals Company (Exxon) negotiating for an option agreement with Mount Hope Mine, Inc. in 1978. Drilling by Exxon revealed substantial molybdenum mineralization areas at depth for future exploration and development. Feasibility evaluation of the Mount Hope mineral system by Exxon included drilling, collection and analysis of geologic data, resource estimation, mine planning, metallurgical studies, and rock mechanic studies. Exxon filed a Notice of Intent on January 28, 1981 and amended this Notice on February

18 and June 18, 1981. Because disturbance was expected to exceed five acres, a Plan of Operations was filed on June 30, 1981 and assigned Case File No. N64-81-015P. Exxon constructed about 14 miles of roads and reclaimed about ten miles leaving four miles for public access and subsequent minerals exploration. Exxon's entire disturbance occurred before October 1990.

A draft Environmental Impact Statement was prepared in 1985 and released for public and agency comment.

2.2 Amended Proposed Activities

This amended Notice describes the proposed activities related to infill, oriented core holes, and condemnation drilling to collect information for subsequent use in pit and waste rock storage area stability analysis. IGMI proposes to drill infill holes, condemnation holes, and oriented core holes. Existing roads and drill pads will be used to the extent possible. In general, the data collection activities will include core and reverse circulation drilling. Table 2 presents the proposed disturbance. Figure 1 shows the locations of the proposed disturbance.

Table 2: Proposed Disturbance

Category	Length	Width	Number	Hole Diameter (inches)	Hole Depth (ft)	Acres ¹
Infill holes (core) ²	-	-	14	8	2,000	
Oriented holes (core) ²	-	-	5	8	2,000	
Condemnation holes (reverse circulation) ²	-	-	8	3.78	1,000	
New drill pads and sumps ³	50	120	21	-	-	2.2
New roads	1,780	25	-	-	-	1.0
Total	-	-	-	-	-	3.2

¹ Acres include disturbance associated with sloped surfaces

² Sumps are included within the pad footprint.

³ 21 new pads will be created but a portion of some pads will be located on existing disturbance that is not included in the total acres.

The infill holes are needed to identify the outer extents of the ore body while the condemnation holes are needed to verify that no mineralization exists under the proposed waste rock storage areas. The core generated from the oriented core holes will be inspected to identify geologic features that may affect pit stability and waste rock storage area placement. The information from these holes will be used to assess potential impacts in the upcoming environmental impact statement. The condemnation holes will be left open for future investigations

Existing roads will be used to the greatest extent possible. Only routine maintenance and minor repairs will be performed on the existing roads. Running surfaces of new roads will be about 13 feet in width with disturbance exceeding that width on sloped surfaces. The disturbance estimate assumes that all new roads will disturb a corridor about 25 feet in width; however the running surface will be narrower. Growth media will be pushed in to berm along the side of the road. Sediment will be controlled as needed.

2.3 Approximate Date Operation Will Begin and End

The proposed project will begin in December 2006 and be completed by December 2008.

2.4 Standard Operating Procedures

2.4.1 Cultural Resources

A Class III cultural resources survey was performed in 2006. As needed, Class III surveys will be conducted on travel routes and areas of proposed activity that have not been previously surveyed. Because the exact locations of drill sites and cross-country travel routes will be dependent on geological conditions and the results of ongoing drilling, IGMI cannot predict precisely where disturbance will occur. IGMI will contract with a BLM-permitted archeologist prior to any surface disturbance to perform a Class III cultural resources study on the cross-country travel routes, constructed/improved roads, drill pads, and trenches. If a cultural resources site is located, the disturbance will be moved to avoid the site. The results of each survey will be submitted to BLM.

Avoidance is the IGMI-preferred treatment for preventing effects to historic properties [a historic property is any prehistoric or historic site eligible to the National Register of Historic Places (NRHP)] or unevaluated cultural resources.

If avoidance is not possible or is not adequate to prevent adverse effects, IGMI will undertake data recovery at the affected historic properties in accordance with the Memorandum of Understanding between BLM, Nevada State Historic Preservation Office (SHPO), and the Advisory Council on Historic Preservation. Development of a treatment plan, data recovery, archeological documentation, and report preparation will be based on the "Secretary of the Interior's Standards and Guidelines for Archeology and Historic Preservation," 48 CFR 44716 (September 29, 1983), as amended or replaced. If an unevaluated site cannot be avoided, additional information will be gathered and the site will be evaluated. If the site does not meet eligibility criteria as defined by the Nevada SHPO, no further cultural work will be performed. If the site meets eligibility criteria, a data recovery plan or appropriate mitigation will be completed under the Programmatic Agreement. Once data recovery has been completed at a historic property, the BLM will issue a Notice to Proceed for work at that location.

2.4.2 Pony Express Trail

In order to avoid or mitigate impacts to the Pony Express Trail, IGMI will ensure that:

- Test trenches and drill/bore holes west of the Highway 278, will be moved either a minimum of 50 meters away from the Pony Express Trail or in an area screened from view from the trail.
- Backhoe and truck access will be limited to one pass, as all can be dug, logged and backfilled in one campaign.

2.4.3 Surface and Ground Water

Drilling activities will not occur within 100 feet of seep, springs, or streams. Drill holes will be closed in accordance with NAC 534 to prevent impacts to groundwater. Completed drill holes

used for monitoring purposes will be secured with a locking cap to prevent tampering.

2.4.4 Solid Waste

All project-related refuse will be hauled from the site for disposal on a regular basis. No refuse will be disposed on-site. In the event hazardous or regulated material such as diesel fuel is spilled, the area will be cleaned and the Nevada Department of Environmental Protection (NDEP) will be notified as per NDEP regulations.

2.4.5 Air Quality

Project-related traffic will observe prudent speed limits to enhance public safety, protect wildlife and livestock, and minimize fugitive dust.

2.4.6 Erosion and Sediment Control

Maintenance of the exploration roads includes minor seasonal regrading and re-establishment of water bars when necessary. The effectiveness of erosion control measures will be monitored in the spring and fall.

2.4.7 Fire Protection

All mobile equipment will be properly muffled and equipped with suitable fire suppression equipment, such as fire extinguishers and hand tools.

2.4.8 Forestry

IGMI will obtain firewood permits from the BLM on an as-needed basis prior to removing piñon /juniper trees from areas proposed for disturbance. Subject to safety-related constraints, these downed trees will be made available to employees and other interested persons for use as firewood.

2.4.9 Wildlife

Land clearing and surface disturbance would be timed to prevent destruction of active bird nests or young of birds during the avian breeding season (May 1 to July 15, annually in accordance with the Battle Mountain Field Office policies) to comply with the Migratory Bird Treaty Act (MBTA). If surface disturbing activities are unavoidable, IGMI would have a qualified biologist survey areas proposed for disturbance for the presence of active nests immediately prior to the disturbance.

If active nests are located, or if other evidence of nesting is observed (mating pairs, territorial defense, carrying nesting material, transporting of food), the area would be avoided to prevent destruction or disturbance of nests until the birds are no longer present. Avian surveys are proposed to be conducted only during the avian breeding season and immediately prior to IGMI conducting activities that result in disturbance. After such surveys are performed, and disturbance created (i.e., road construction and drill pad development), IGMI would not conduct any additional disturbance during the avian breeding season without first conducting another avian survey. After July 15, activities would continue; no further avian surveys, in compliance with MBTA, would be conducted until the next year.

2.4.10 Wild Horses

Gates on the highway right-of-way for State Highway 278 closed at all times. IGMI will forward information regarding water encountered during drilling to BLM for potential future mitigation. Personnel onsite will use caution during the March through June foaling season; at no times will wild horses be chased or harassed. IGMI will keep a record of observations of wild horse movements and locations.

2.4.11 Livestock

IGMI will inform employees and contractors to leave gates in the position found (open or closed) and to not harass livestock.

2.4.12 Employee Training

IGMI will train employees, contractors, and other related personnel as to the environmental responsibilities required under this notice.

3 Reclamation Plan

Appendix B contains a description of the proposed reclamation activities and the projected cost.

3.1 Proposed Activities for Reclamation

3.1.1 Re-contouring, Seedbed Preparation, and Seeding

IGMI will minimize disturbance by utilizing existing roads and trails and cross-country travel routes where feasible. Newly constructed roads and pads will be reclaimed by restoring the disturbance to approximate its original topography. Existing roads will remain in place. Any culverts installed during the project will be removed, and the sumps will be backfilled.

Scarifying compacted cross-country travel routes to the extent practical will be the primary means by which seedbeds will be prepared. Sidecast growth media will be replaced and the surface will be scarified prior to seeding. Efforts will be taken to scarify only those portions of the road which are compacted and require seeding (e.g., tire tracks) while minimizing disturbance to the established vegetation.

Disturbance and cross-country travel routes will be seeded during reclamation. Reclamation will generally be accomplished with native seeds only but may include some fast growing non-native species. The native species will be representative of the indigenous species present in the adjacent habitat. The reclamation plant list proposed for the project area is "Mix 1" from the Nevada Reclamation Cost Estimation model. This mix may vary depending on seed availability.

Seeding procedures will be dependent upon site characteristics. IGMI will use a hand-broadcast seeder to apply the mix. Seeding will occur in late fall or early spring to ensure a greater chance of revegetation success. Other measures that will be taken to prevent undue degradation include road maintenance and sediment control.

IGMI will attempt to reduce the spread of noxious weeds on lands disturbed by the proposed project by avoiding travel, whenever possible, through areas infested by noxious weeds to prevent windblown and mechanical transport of seed sources caused by exploration activities.

Should IGMI decide not to proceed with additional exploration or production at the site, the post-exploration goal will be to restore lands for use as mineral exploration, livestock grazing, wildlife habitat, and dispersed recreation. It is anticipated that available forage will be enhanced by seeding with the above mentioned forage species.

3.1.2 Measures Used to Minimize Loading of Sediment to Surface Waters

IGMI will use existing roads, trails and cross-country travel routes whenever possible to minimize the disturbance created during access to, and from the drill site locations. Proposed environmental protection measures as detailed in Section 2, will minimize impacts to surface waters. Constructed sediment control features will be regraded following reclamation to reestablish, as nearly as possible, the natural drainage patterns. Silt fences will be used to contain sediment on reclaimed sites immediately adjacent to drainages as needed.

3.1.3 Schedule for the Project and Reclamation

Drilling activities will commence upon approval of this notice and are expected to be completed during the fourth quarter of 2007 depending on weather conditions. Upon completion of drilling activities and based upon future activities, earthwork will be completed on areas no longer required in the exploration program. Cross-country travel routes will be reclaimed as soon as practical after the cessation of drilling activities in the area. Reseeding will occur in the late fall or early spring months.

Because development of Mount Hope Mine is planned, the disturbance associated with this Notice may be transferred to a mine plan of operations and the reclamation costs included in the mine reclamation bond. In this event, reclamation will be undertaken in conjunction with mine reclamation.

3.1.4 Drill Hole Plugging Procedures

Mineral exploration drill holes subject to Nevada Division of Water Resources regulations will be abandoned in accordance with applicable rules and regulations (NAC 534).

3.1.5 Monitoring

IGMI will monitor the disturbance for three years after the completion of drilling activities.

3.1.6 Measures to be taken during Extended Periods of Non-Operation

Areas no longer needed for future drilling activities will be reclaimed as soon as possible. Interim stabilization measures will be taken as necessary at these sites.

4 Reclamation Costs

The proposed reclamation costs are included in Appendix B and are based on the 2005 Nevada Standard Reclamation Bond Calculation model (Beta 3b).

4.1 Narrative Description of Proposed Reclamation Activities

A narrative description of earthwork and revegetation reclamation activities can be found in Section 3 above. Structures will not be built in the Project Area. Maintenance, mobilization/demobilization, and agency administrative/management costs are accounted for in the Reclamation Bond Checklist, Appendix B.

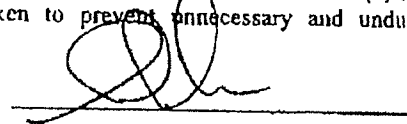
4.2 Reclamation Cost Estimate

See the reclamation cost estimate in Appendix B.

5 Reclamation Responsibility

"Reclamation of all areas disturbed will be completed to the standards described in 3809.1-3(d) of this title and that reasonable measures will be taken to prevent unnecessary and undue degradation of the federal lands during operations."

Signature:



Date:

12-15-06

Title:

Director, Mining & Geology



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Battle Mountain Field Office
50 Bastian Road
Battle Mountain, Nevada 89820
<http://www.nv.blm.gov>



A. Mallory 12/21/06

In Reply Refer To:
NVN-080914
(07-2A)
3809
(NV063)

DEC 21 2006

CERTIFIED MAIL: 7006 2150 0000 0369 9899
Return Receipt Requested

John Mears
Idaho General Mines, Inc.
N. 10 Post Street, Suite 610
Spokane, WA 99201

Dear Mr. Mears:

On December 20, 2006, the Bureau of Land Management (BLM) Battle Mountain Field Office (BMFO) received a Notice Amendment for the Mount Hope, located within MDB&M., T. 22 N., R. 51E, sections 1, 2, 1-14, 23 and 24; T. 22 N., R. 51 $\frac{1}{2}$ E., sections 12, 13, 24 and 25; T. 22 N., R. 52 E., sections 1-4, 6, 7-24 and 27-30; T. 23 N., R. 51E., sections 25, 25, and 36; and, T. 23 N., R. 52 E., sections 31, 33, 34 and 35. MDB&M., T. 23 N. R. 43 E., sections 29 and 30. The Notice has been assigned case file number NVN-80894 (07-1A).

The notice amendment has been reviewed to ensure it meets performance standards listed in 43 CFR §3809.301. From this review it has been determined that the following information must be provided to continue processing:

- The proposed Notice Amendment implies that it is an Amendment to a 1981 Exxon Minerals Company Plan of Operations, case file number N64-81-015P. This Plan was never approved by BLM and hence no disturbance was or will be approved. The proposed Notice Amendment does however, fall within the foot print of the previously approved Mount Hope Mine Notice, case file number NVN-080914. As of October 31, 2006, 4.76 acres of disturbance have been approved under this Notice. The current Notice Amendment proposes 3.2 acres of disturbance which is 2.96 more than can be permitted under a Notice. Please revise your proposed Notice Amendment so that total disturbance is less than or equal to 5.0 acres or submit a Plan of Operations.
- Please include all previously approved and proposed disturbances on the proposed project map. In addition, include a foot print of the waste dumps.

If you have any questions or require clarifications, please contact Sheila Mallory, Geologist, at (775) 635-4174 or Stephen Drummond, Supervisory Mining Engineer, at (775) 635-4160.

Sincerely,

/s/ Stephen C. Drummond

Thomas J. Seley
Assistant Field Manager
Nonrenewable Resources

SMALLORY:sm:12/21/06:S:\PUBLIC\nonrenewable\minerals\letters\LETTERS
FINALIZED\Mount Hope_Notice Incomplete Dec.doc

Figures

APPENDIX A
LIST OF CLAIMS

Mount Hope Mining Claims

Idaho General Mines, Inc.

Claim Name	Number	BLM Number
Hope	87	NMC 881726
Hope	89	NMC 881727
Hope	2,4,6,8,10,12,14,16,18,20,22,24,26,28,30,32,34,36,38,40,42,44,46-69	NMC 883765 - 883810
Bowser	17,17-A,17-C,18,19,20,20-A,32,34,36,38,43,45,47,49	NMC 882185 - 882199
Bowser	11-B,12-B,16,22,22-A,22-B,22-C,24,26,28,30,44,46,48,50,52,54,56	NMC 883747 - 883764
ND	1 thru 54	NMC 885079 - 885132
SD	1 thru 22, 24,26, 27 thru 54, 56, 57	NMC 884974 - 885027
SD	23, 25, 55, 58 thru 80	NMC 893743 - 893768
WC	1 thru 38, 45 thru 57	NMC 885028 - 885078
ET	1 thru 90, 92 thru 185	NMC 884790 - 884973

Mount Hope Mines, Inc.

Claim Name	Number	BLM Number
Hope	1	NMC 97571
Hope	3	NMC 97573
Hope	5	NMC 97575
Hope	7	NMC 97577
Hope	9	NMC 97579
Hope	11	NMC 97581
Hope	13	NMC 97583
Hope	15	NMC 97585
Hope	17	NMC 97587
Hope	19	NMC 97589
Hope	21	NMC 97591
Hope	23	NMC 97593
Hope	25	NMC 97595
Hope	27	NMC 97597
Hope	29	NMC 97599
Hope	31	NMC 97601
Hope	33	NMC 97603
Hope	35	NMC 97605
Hope	37	NMC 97607
Hope	39	NMC 97609
Hope	41	NMC 97611
Hope	43	NMC 97613
Hope	45	NMC 97615
Hope	70 thru 85	NMC 97640 - 97655
Hope	88	NMC 97658
Bowser	1 thru 4, 8,9,11,12,14,15	NMC 97479 - 97488
Bowser	21	NMC 97494
Bowser	23	NMC 97496
Bowser	25	NMC 97498
Bowser	27	NMC 97500
Bowser	29	NMC 97502
Bowser	31	NMC 97504
Bowser	33	NMC 97506
Bowser	35	NMC 97508
Bowser	37	NMC 97510
Bowser	61 thru 70	NMC 97530 - 97539
Bowser	73 thru 76, 11A	NMC 97542 - 97546
Bowser	12A	NMC 97548
Bowser	21A	NMC 97453
Bowser	23A, 25A, 27A, 29A, 31A, 33A, 35A, 37A, FRAC, #14 FRAC, #15 FRAC	NMC 97557 - 97567
Lookout	1 thru 3	NMC 23201 - 23203
West Incline	1 thru 3	NMC 97568 - 97570
Hop	3-R	NMC 394138
Hop	4R	NMC 230641
TIA	TIA, 1 thru 13	NMC 97660 - 97673

APPENDIX B
MOUNT HOPE MINE PROJECT
NOTICE RECLAMATION BOND ESTIMATE

STANDARDIZED RECLAMATION COST ESTIMATOR

Version 1.1.1 (updated November 9, 2006)

COST DATA FILE INFORMATION

File Name: drill holes_121506_1_1_1.xls

Cost Data File: cost_data-std-nv2006.xls

Cost Data Date: October 1, 2006

Cost Data Basis: Standardized Data

Author/Source: Nevada Division of Environmental Protection (NDEP) & NV BLM

PROJECT INFORMATION

Project Name: Mount Hope Drilling

Date of Submittal: December 15, 2006

Select One: ☒ Notice or Sm Exploration Plan ☐ Lg Exploration Plan ☐ Mine Plan of Operations

Select One: ☒ Private Land ☒ Public or Public/Private

Cost Basis Category: N. Nevada Notice Level

Cost Basis Description: Notice Level Cost Basis for Churchill, Douglas, Elko, Esmeralda, Eureka, Humboldt, Lander, Lyon, Mineral, Pershing, Storey, Washoe, and N 1/2 White Pine Counties

☒ This project is in the State of Nevada

This version has been validated and verified by the NDEP and BLM for use in Nevada for a six-month trial period ending on or about April 30, 2007.

**Project Name: Mount Hope Drilling
Project Date: December 15, 2006
drill holes_121506_1_1_1.xls
Notice**

Table of Contents

Cost Summary
Exploration
Exploration Roads & Pads
Waste Rock Dumps
Heap Leach Pads
Tailings
Roads
Pits
Underground Openings
Foundations and Buildings
Other Demo & Equipment Removal
Sediment & Drainage Control
Process Ponds
Landfills
Yards, Etc.
Waste Disposal
Misc. Costs
Monitoring
Construction Management
Labor Costs
Equipment Costs
Material Costs
Misc. Unit Costs
Fleets (Crews)
Productivity
Seed Mixture #

NEVADA STANDARDIZED RECLAMATION BOND CALCULATION - SUMMARY

Project Name: Mount Hope Drilling
 Project Date: December 15, 2006
 Model Version: Version 1.1.1 (updated November 9, 2006)
 File Name: drill holes_121506_1_1.xls

A. Earthwork/Recontouring	Labor ⁽¹⁾	Equipment ⁽²⁾	Materials	Total
Exploration	\$2,668	\$4,729	\$3,847	\$11,144
Exploration Roads & Drill Pads	\$814	\$194	\$0	\$1,008
Roads	\$0	\$0	\$0	\$0
Well Abandonment*	\$0	\$0	\$0	\$0
Pits	\$0	\$0	N/A	\$0
Underground Openings	\$0	\$0	\$0	\$0
Process Ponds	\$0	\$0	\$0	\$0
Heaps	\$0	\$0	\$0	\$0
Waste Rock Dumps	\$0	\$0	\$0	\$0
Landfills	\$0	\$0	\$0	\$0
Tailings	\$0	\$0	\$0	\$0
Foundation & Buildings Areas	\$0	\$0	\$0	\$0
Yards, Etc.	\$0	\$0	\$0	\$0
Drainage & Sediment Control	\$0	\$0	\$0	\$0
Other**				\$0
Subtotal	\$3,382	\$4,923	\$3,847	\$12,152
Mob/Demob*	\$800	\$800		\$1,600
Subtotal "A"	\$4,182	\$5,723	\$3,847	\$13,752
B. Revegetation/Stabilization	Labor ⁽¹⁾	Equipment ⁽²⁾	Materials	Total
Exploration	\$0	\$0	\$0	\$0
Exploration Roads & Drill Pads	\$166	\$140	\$606	\$912
Roads				\$0
Well Abandonment				N/A
Pits				\$0
Underground Openings				N/A
Process Ponds				\$0
Heaps				\$0
Waste Rock Dumps				\$0
Landfills				\$0
Tailings				\$0
Foundation & Buildings Areas				\$0
Yards, Etc.				\$0
Drainage & Sediment Control	\$0	\$0	\$0	\$0
Other**				\$0
Subtotal "B"	\$166	\$140	\$606	\$912
C. Detoxification/Water Treatment/Disposal of Wastes**	Labor ⁽¹⁾	Equipment ⁽²⁾	Materials	Total
Process Ponds/Sludge*				\$0
Heaps*				\$0
Dumps (Waste & Landfill)*				\$0
Tailings*				\$0
Surplus Water Disposal*				\$0
Monitoring*				\$0
Miscellaneous*				\$0
Solid Waste - On Site	\$0	\$0	N/A	\$0
Solid Waste - Off Site				\$0
Hazardous Materials				\$0
Hydrocarbon Contaminated Soils	\$0	\$0	\$0	\$0
Other**				\$0
Subtotal "C"	\$0	\$0	\$0	\$0
D. Structure, Equipment and Facility Removal	Labor ⁽¹⁾	Equipment ⁽²⁾	Materials	Total
Foundation & Buildings Areas	\$0	\$0	\$0	\$0
Other Demolition	\$0	\$0	\$0	\$0
Equipment Removal	\$0	\$0	\$0	\$0
Fence Removal				\$0
Fence Installation				\$0
Pipe & Culvert Removal				\$0
Powerline Removal				\$0
Transformer Removal				\$0
Rip-rap, rock lining, gabions				\$0
Other Misc. Costs				\$0
Other**				\$0
Subtotal "D"	\$0	\$0	\$0	\$0
E. Monitoring	Labor ⁽¹⁾	Equipment ⁽²⁾	Materials	Total
Reclamation Monitoring and Maintenance	\$1,961	\$94	\$61	\$2,116
Ground and Surface Water Monitoring				\$0
Subtotal "E"	\$1,961	\$94	\$61	\$2,116
F. Construction Management & Support	Labor	Equipment ⁽²⁾	Materials	Total
Construction Management	\$568	\$57	N/A	\$625
Construction Support	\$0	\$0	\$0	\$0
Road Maintenance	\$0	\$0	\$0	\$0
Other**				\$0
Subtotal "F"	\$568	\$57	\$0	\$625
G. Operational & Maintenance Costs	Labor ⁽¹⁾	Equipment ⁽²⁾	Materials ⁽³⁾	Total
Subtotal A through F	\$6,877	\$6,014	\$4,514	\$17,405

* Costs estimated outside of standardized model - additional documentation required.

** Other Operator supplied costs - additional documentation required.

NEVADA STANDARDIZED RECLAMATION BOND CALCULATION - SUMMARY

Project Name: Mount Hope Drilling
Project Date: December 15, 2006
Model Version: Version 1.1.1 (updated November 9, 2006)
File Name: drill holes_121506_1_1_1.xls

Indirect Costs		Include?	Total			
1. Engineering, Design and Construction (ED&C) Plan (7)						
2. Contingency (8)			\$1,741			
3. Insurance (9)	\$103		\$103			
4. Performance Bond (10)			N/A			
5. Contractor Profit (11)			\$1,741			
6. Contract Administration (12)			\$1,741			
7. BLM Indirect Cost (13)			\$366			
Subtotal Add-On Costs			\$5,690			
Grand Total			\$23,095			
Administrative Cost Rates (%)						
		Cost Ranges for Indirect Cost Percentages				
		<=	<=	<=	>	
1. Engineering, Design and Construction (ED&C) Plan (7)		\$1,000,000	\$25,000,000		\$25,000,000	Notice Level
Variable Rate		8%	6%		4%	0%
2. Contingency (8)		\$500,000	\$5,000,000	\$50,000,000	\$50,000,000	Notice Level
Variable Rate		10%	8%	6%	4%	0%
3. Insurance (9)		1.5% of labor costs				
4. Bond (10)		3.0% of the O&M costs if O&M costs are >\$100,000				
5. Contractor Profit (11)		10% of the O&M costs				
6. Contract Administration (12)		\$1,000,000	\$25,000,000	<=	\$25,000,000	
Variable Rate		10%	8%		6%	
7. BLM Indirect Cost (13)		21% of Contract Administration				

RECLAMATION COST ESTIMATION SUMMARY SHEET FOOTNOTES

- Federal construction contracts require Davis-Bacon wage rates for contracts over \$2,000. Wage rate estimates may include base pay, payroll loading, overhead and profit. To avoid double counting of any of the identified administrative costs the operator must itemize the components of their labor cost estimates or provide BLM with a signed statement, under penalty of USC 1001, that identifies what specific administrative costs are included in the quoted hourly rate.
- The reclamation cost estimate must include the estimated plugging cost of at least one drill hole for each active drill rig in the project area. Where the submitted Notice of approved Plan of Operations calls for drill holes to be plugged, but doesn't specifically require the drill holes be plugged before the drill rig has been moved from the drill pad, the reclamation cost estimate must include the plugging cost for those drill holes. For all drill holes and wells scheduled to be left open, the estimated plugging cost must be included in the reclamation cost estimate. Where the approved Plan of Operations proposes immediate mining through an area where the drilling is to occur, and the cost of the post-mining reclamation is included in the reclamation cost estimate, the cost estimate does not need to include the plugging costs for those drill holes.
- Miscellaneous Items should be itemized on accompanying worksheets.
- Fluid management should be calculated only when mineral processing activities are involved. Fluid management represents the costs of maintaining proper fluid management to prevent overflow of solution ponds through premature cessation or abandonment of operations. Calculate a minimum six month direct cost estimate which includes power, supplies, equipment, labor and maintenance.
- Handling of hazardous materials includes the cost of decontaminating, neutralizing, disposing, treating and/or isolating all hazardous materials used, produced, or stored on the site.
- Any mitigation measures required in the Plan of Operations must be included in the reclamation cost estimate. Mitigation may include measures to avoid, minimize, rectify and reduce or eliminate the impact, or compensate for the impact.
- Engineering, design and construction (ED&C) plans are often necessary to provide details on the reclamation needed to contract for the required work. To estimate the cost to develop an ED&C plan use 4-8% of the O&M cost. Calculate the ED&C cost as a percentage of the O&M cost as follows: up to and including \$1 million, use 8%; over \$1 million to \$25 million, use 6%; and over \$25 million, use 4%. Inclusion of a line item for the development of an ED&C plan may not be necessary for small operations, such as notice-level exploration. With small, uncomplicated reclamation efforts contracting may be able to proceed without developing an ED&C plan. [ED&C is automatically eliminated if "Notice" is selected on the Property Information Sheet]
- A contingency cost is included in the reclamation cost estimation to cover unforeseen cost elements. Calculate the contingency cost as a percentage of the O&M cost as follows: up to and including \$500,000, use 10%; over \$500,000 to \$5 million, use 8%; over \$5 million to \$50 million, use 6%; and greater than \$50 million, use 4%. As with the ED&C cost, inclusion of a contingency cost may not be necessary for small operations, such as notice-level exploration.
- Insurance premiums are calculated at 1.5% of the total labor costs. Enter the premium amount if liability insurance is not included in the itemized unit costs.
- Federal construction contracts exceeding \$100,000 require both a performance and a payment bond (Miller Act, 40 USC 270et seq.). Each bond premium is figured at 1.5% of the O&M cost. Enter the sum of both premium costs on this line.
- For Federal construction contracts, use 10% of estimated O&M cost for the contractor's profit.
- To estimate the contract administration cost, use 6 to 10% of the operational and maintenance (O&M) cost. Calculate the contract administration cost as a percentage of the O&M cost as follows: up to and including \$1 million, use 10%; over \$1 million to \$25 million, use 8%; and greater than \$25 million use 6%.
- BLM's indirect cost rate is 21% of BLM's contract administration costs.

Bond Calculation Exploration

Project Name: Mount Hope Drilling- Notice or Exploration
Date of Submittal: December 15, 2006
File Name: drill holes_121506_1_1_1.xls
Model Version: Version 1.1.1 (updated November 9, 2006)
Cost Data: Standardized Data
Cost Data File: cost_data-std-nv2006.xls

Exploration - Cost Summary				
	Labor	Equipment	Materials	Totals
Hole Abandonment Costs	\$2,568	\$4,729	\$3,847	\$11,144
Trench Backfilling Costs	\$2,568	\$4,729	\$3,847	\$11,144
Trench Revegetation Costs	\$0	\$0	\$0	\$0
TOTALS	\$2,568	\$4,729	\$3,847	\$11,144

Color Code Key	User Input - Direct Input	Direct Input
	User Input - Pull Down List	Pull Down Selection
	Program Constant (can override)	Alternate Input
	Program Calculated Value	Locked Cell - Formula or Reference

Exploration hole surface seal thickness: 20.0 ft
Minimum seal above groundwater table: 50.0 ft

Exploration Drillhole Abandonment - User Input									
		Hole Plugging							
Description		Hole Type (select)	Diameter in	Total Number of Holes	Max Holes Open at One Time	Casing to Remove ft	Average Depth of Hole (ft)	Depth to Water ft bgs	Hole Plug Method (select)
1	Infill	Rotary	8	14	1	50	2,000	200	Grout Only
2	Condemnation	Reverse Circ	3.75	8	1	50	1,000	200	Grout Only
3	Oriented	Core	8	5	1	50	2,000	200	Grout Only

Notes:
1. If core holes are pre-drilled, use length of hole below pre-drilled length

Exploration Trenches - User Input									
		Trench Parameters					Backfill		
Description (required)		Trench Length ft	Trench Depth ft	Trench Bottom Width ft	Trench Side Slope Angle degrees	Additional Hrs for Walk-in (1)	Backfill Material (select)	Cut Material Type (select)	Backfilling Fleet (select)
1									
2									
3									

1. Include one-way hours necessary to walk equipment in from drop-off point to work area

Bond Calculation Exploration

Project Name: Mount Hope Drilling- Notice or Exploration
 Date of Submittal: December 15, 2006
 File Name: drill holes_121506_1_1_1.xls
 Model Version: Version 1.1.1 (updated November 9, 2006)
 Cost Data: Standardized Data
 Cost Data File: cost_data-std-nv2006.xls

Exploration Drillhole Abandonment

Description	Vol/foot of depth ft ³	Hole Plugging Material (ft ³)	Total Grout Volume (ft ³)	Total Cuttings Volume (cy)	Total Top Seal Volume (ft ³)	Total Drillhole Abandonment Hours (hr)	Casing Removal Labor Cost (\$)	Casing Removal Equipment Cost (\$)	Plugging Labor Cost (\$)	Plugging Equipment Cost (\$)	Plugging Material Cost (\$)	Top Seal Material Cost (\$)	Total Cost (\$)
1 Infill	0.35	Grout	32.25		0.16	8.2	\$79	\$193	\$1,001	\$1,782	\$1,774	\$43	\$4,872
2 Condensation	0.08	Grout	3.67		0.04	3.1	\$79	\$193	\$329	\$586	\$202	\$11	\$1,400
3 Oriented	0.35	Grout	32.25		0.16	8.2	\$79	\$193	\$1,001	\$1,782	\$1,774	\$43	\$4,872
			68.17		0.36	19.5	\$237	\$379	\$2,331	\$4,160	\$3,750	\$97	\$11,144

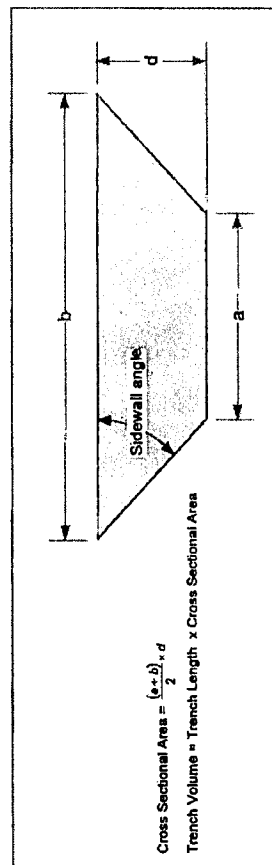
Notes

1. Assumes grout backfill from bottom of hole to 50' (15.24m) above static water level, up to distance from top of hole as set above.
2. Assumes 25% loss to formation for grout backfill
3. If "Top Plug" hole plug method is used, assumes physical plug installed without backfill, grout or cement. Not available option for Nevada projects
4. Assumes top 10' (3 m) of hole is plugged with cement if "Grout Only", "Backfill + Grout", or "Cement Plug" hole plug method are chosen.
5. Assumes that a) casing is not cemented entire length, b) does not include temporary surface casing
6. Assumes minimum 1 hr per hole for abandonment (excluding move-to and casing removal)
7. Assumes fixed hours per hole for setup & tear-down and moving between holes (see Productivity Sheet) per drill hole (includes rig time if grouting required, labor crew only if cuttings backfill only)

Exploration Trenches - Calculations

Exploration Trench Volume Calculation

Dozing & Ripping/Scarifying Calculations



Dozing: Dozing distance = 1/2 trench length or 400 ft (max push) whichever is less
 Assumes flat push (grade correction factor = 1)

Revegetation: 10 ft (3 m) added to trench width to account for revegetation under spoil pile

Bond Calculation Expl. Roads & Pads

Project Name: Mount Hope Drilling, Notices or Exploration
Date of Submital: December 15, 2005
File Name: drill notes_121605_1_1_1.xls
Model Version: Version 1.1 (updated November 9, 2005)
Cost Data: Standardized Data
Cost Data File: cost_data-std-mv2005.xls

Exploration Roads & Pads - Cost Summary				
	Labor	Equipment	Materials	Totals
Grading Cells			N/A	
Cover Placement Cost	\$314	\$184	N/A	\$1,008
Grading Cost	\$874	\$184	\$1,008	\$1,008
Subroad Earthworks	\$166	\$140	\$606	\$913
Revegetation Cost	\$580	\$334	\$806	\$1,720
TOTALS				

Color Code Key			
User Input - Direct Input	Direct Input		
User Input - Pull Down List	Pull Down Selection		
Program Constant (can override)	Alternate Input		
Program Calculated Value	Locked Cell - Formula or Reference		

Maximum grade allowed for dozer: 10.0 %
Original slope cutoff to include extra sump volume: 30.0 %

Exploration Roads & Pads - User Input																
You must fill in ALL green cells and relevant blue cells in this section for each road																
Facility Description				Physical ⁽¹⁾												
Description (required)		ID Code	Underlying Ground Slope % grade	Ungraded Slope - H/V	Cut Slope degrees	Road Width ft	Number of Drills Pads	Individual Sump Volume cy	Drill Pad Width ft	Drill Pad Length ft	Slope Replacement Percent %	Regrade Volume (if calculated elsewhere) cy	Disturbed Area (if calculated elsewhere) acres	Growth Media Thickness in	Distance to Growth Media Shoulder ft	Slope from Road to Shoulder % grade
1 New drill roads and 10 pads	1	25.0	1.3	60	2,000	14	10	88	63	120	100%		1.1	8	75	0
2 New drill road and 10 pads	2	16.0	1.3	60	2,500	14	10	82	50	120	100%		1.1	8	75	0

- All Physical parameters must be input even if manual overrides for volume or area are used.
- Sump volume will be applied to all roads on slopes less than shown above. On slopes greater than shown above pad width (i.e. cut volume) should be adequate to account for sump volume.

Exploration Roads & Pads - User Input (cont.)													
You must fill in ALL green cells and relevant blue cells in this section for each road													
Revegetation				Cover				Revegetation					
Description (required)	Regrade Material (select)	Cut Material Type (select)	Reconstructing Equipment (select)	Additional Fills for Volume ⁽¹⁾ (select)	Cover Material Type (select)	Cover Placement Equipment (select)	Additional Fills for Volume ⁽¹⁾ (select)	Seed Mix (select)	Fertilizer (select)	Staking/Rippling (select)	Ripping (select)	Seed Mix (select)	Seed Dozer (select)
1 New drill roads and 10 pads	1	18 - 20mm	18 - 20mm	1	1	1	1	Mix 2		Yes		Mix 2	Yes
2 New drill road and 10 pads	1	18 - 20mm	18 - 20mm	1	1	1	1	Mix 2		Yes		Mix 2	Yes

- Include 200-hour necessary to walk equipment in from drop-off point to work area

Project Name: Mount Hope Drilling- Notices or Exploration
Date of Submittal: December 15, 2006
File Name: drill notes_121506_1_1.xls
Model Version: Version 1.1.1 (updated November 9, 2006)
Cost Data: Standardized Data
Cost Data File: cost_data-std-nv2006.xls

Cost Data File: cost_data-std-nv2006.xls

Exploration Roads & Pads - Calculations

Regrading Volume and Footprint Volume

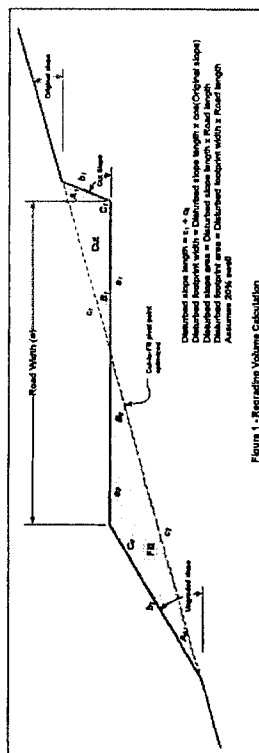


Figure 1 - Recrystalline Volume Calculation

Will not allow dozer for slopes greater than 30%
 For dozer regrading push distance = road width
 Assumes dozer push is uphill
 Assumes minimum push distance of 100 ft

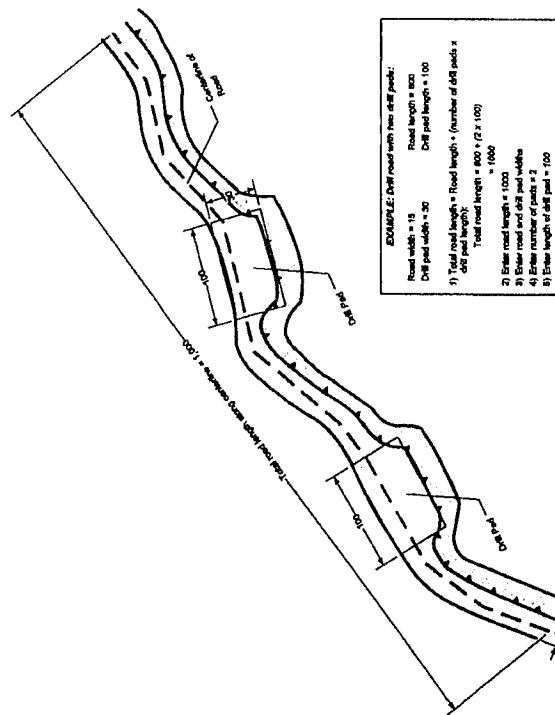
Ripping/Carrying Calculations

Minimum 1 hr ripping/carrying time per acre
 Number of passes = Final slope length ÷ Grader width
 Travel distance = Number of passes x Road length
 Total hours = (Travel distance ÷ Grader productivity) + (Number of passes x Grader maneuver time)
 *For dozer regrading assumes push distance = 3 x road width

Revegetation Calculations

Minimum of 1 acre crew time per area

Project Name: Mount Hope Drilling- Notice of Exploration
Date of Submittal: December 15, 2006
File Name: drill holes_121506_1_1.xls
Model Version: Version 1.1.1 (updated November 9, 2006)
Cost Data: Standardized Data
Cost Data File: cost_data-std-nv2006.xls



Bond Calculation Expl. Roads & Pads

Project Name: Mount Hope Drilling- Notice of Exploration
Date of Submission: December 15, 2006
File Name: d011 holes_121806_1_1.xls
Model Version: Version 1.1.1 (Updated November 9, 2006)
Cost Data File: cost_data_std-nv2006.xls

Exploration Roads & Pads - Regrading Costs

	Description (required)	Total Road Length ft	Total Ditch Pad Length ft	Regrading Volume cy	Reconstruing Fleet	Equipment Productivity cy/hr	Total Equipment Hours Hr	Total Labor Cost \$	Total Equipment Cost \$	Total Regrading Cost \$
1	New drill roads and 10 pads	890	1,200							
2	New drill roads and 10 pads	890	1,200							
		1,780	2,400							

(1) Includes walk-in time based on distance and travel speed (see Productivity sheet for speeds)

Exploration Roads & Pads - Growth Media Costs

	Description (required)	Growth Media Volume cy	Growth Media Replacement Fleet	Fleet Productivity cy/hr	Number of Trucks/ Scrapers	Total Fleet Hours	Total Equipment Cost \$	Total Labor Cost \$	Total Media Cost \$
1	New drill roads and 10 pads	1,342							
2	New drill roads and 10 pads	1,342							
		2,684							

Exploration Roads & Pads - Scarifying/Revegetation Costs

	Description (required)	Surface Area sq ft	Ripping Hours hr	Ripping Equipment Cost \$	Ripping Labor Cost \$	Total Ripping Costs \$	Revegetation Labor Cost \$	Revegetation Equipment Cost \$	Revegetation Material Cost \$	Total Revegetation Cost \$
1	New drill roads and 10 pads	1,10	1.7	\$407	\$97	\$504	\$83	\$70	\$303	\$456
2	New drill roads and 10 pads	1,10	1.7	\$407	\$97	\$504	\$83	\$70	\$303	\$456
		2,20	3.4	\$814	\$194	\$1,008	\$166	\$140	\$606	\$812

Bond Calculation Monitoring

Project Name: Mount Hope Drilling- Notice or Exploration
 Date of Submittal: December 15, 2006
 File Name: drill holes_121506_1_1_1.xls
 Model Version: Version 1.1.1 (updated November 9, 2006)
 Cost Data: Standardized Data
 Cost Data File: cost_data-std-nv2006.xls

Reclamation Monitoring & Maintenance - Cost Summary				
	Labor	Equipment	Materials/ Laboratory	Totals
Revegetation Maintenance	\$17	\$14	\$61	\$92
Reclamation Monitoring	\$1,944	\$80		\$2,024
Subtotal Reclamation Monitoring	\$1,961	\$94	\$61	\$2,116
Water Quality Monitoring				
TOTAL MONITORING	\$1,961	\$94	\$61	\$2,116

Reclamation Maintenance								
Description	Total Revegetation Surface Area ⁽¹⁾ acres	% Area Requiring Reseeding	Seed Mix (select)	Area Requiring Reseeding acres	Seed \$/acres	Labor \$/acres	Equipment \$/acres	Totals \$
Revegetation Maintenance	2.20	10%	Mix 2	0.22	\$275.00	\$75.50	\$64.00	
Labor								\$17
Equipment								\$14
Materials								\$61
Cost/Acre								\$414.50
Subtotal								\$92
Notes: 1) Surface area is NOT the same as footprint disturbance area typically used for permitting purposes								

Reclamation Monitoring						
Description	Hrs/Day	Days/Year	Number of Years	Rate \$/hr		
Field Work						
Field Geologist/Engineer				\$68		
Range Scientist	8	1	3	\$81		\$1,944
Reporting						
Field Geologist/Engineer				\$68		
Range Scientist				\$81		
Subtotal						\$1,944
Travel						
	Hrs/Trip hr	Trips/Year	Years	Truck Cost \$/hr		
Travel	4	1	3	\$6.66		\$80
Subtotal						\$80
Total Reclamation Monitoring						\$2,024
Notes:						

Bond Calculation Monitoring

Project Name: Mount Hope Drilling- Notice or Exploration
 Date of Submittal: December 15, 2006
 File Name: drill holes_121506_1_1_1.xls
 Model Version: Version 1.1.1 (updated November 9, 2006)
 Cost Data: Standardized Data
 Cost Data File: cost_data-std-nv2006.xls

Ground & Surface Water Monitoring								
Field work								
Description	No. of staff	Hrs/Day	Days/event	Events/Year	No. Years	Man-hours/ year	Rate \$/hr	Cost \$
Field Tech/Sampler								
Pickup Truck								
Pump (purchased)								
Subtotal Field Work								
Water and Rock Sample Analysis								
Description	Samples #	Events/Year	No. Years	Analysis Cost \$/sample	Supplies \$/sample	Lab Cost \$	Material Cost \$	Cost \$
Subtotal Sample Analysis								
Reporting								
Description	Hrs/Event	Rate \$/hr	Events/Year	Man-hours/ year	No. Years		Cost \$	
Field Geologist/Engineer								
Subtotal Reporting								
Total Water Quality Monitoring								
Notes:								

Bond Calculation Constr. Mgmt

Project Name: Mount Hope Drilling- Notice or Exploration
 Date of Submittal: December 15, 2006
 File Name: drill holes_121506_1_1_1.xls
 Model Version: Version 1.1.1 (updated November 9, 2006)
 Cost Data: Standardized Data
 Cost Data File: cost_data-std-nv2006.xls

Construction Management & Road Maintenance - Cost Summary				
	Labor	Equipment	Materials	Totals
Construction Management	\$568	\$57	N/A	\$625
Construction Support		\$0		
Road Maintenance	\$0	\$0		
TOTAL CONSTRUCTION MANAGEMENT	\$568	\$57		\$625

Construction Management							
Construction Management Staff							
Description	Duration mo.	Hours/ Month hr.	Number of Supervisors	Supervisor Rate \$/hr	Labor Cost \$	Equipment Cost ⁽¹⁾ \$	Totals \$
Active Reclamation	1.00	8	1	\$71	\$568	\$57	\$625
Monitoring & Maintenance							
Total Staff					\$568	\$57	\$625

Construction Management Support							
Description	Duration mo.	Number of Units		Rental Rate \$/mo	Generator Cost \$/mo	Equipment Cost ⁽¹⁾ \$	Totals \$
Temporary Office Rental				\$167			
Temporary Toilets				\$162			
Total Support							
Notes: Office rental assumes only 1 generator required for every 4 trailers							
Total Construction Management							\$625

Road Maintenance							
Description	Fleet Size (select)	Number	Duration mo.	Hours/ Month hr.	Labor Cost \$	Equipment Cost \$	Totals \$
Active Reclamation							
Water Truck							
Grader							
Monitoring & Maintenance							
Water Truck							
Grader							
Description	Gallons/ Day (select)	Days/ Month	Duration mo	Cost/ Gallon \$			Totals \$
Water Fees							
Water Fees							
Total Project Maintenance					\$0	\$0	
Notes: 1) Supervisor equipment = pickup truck							

AMENDMENT TO NOTICE 080914



Report Prepared for
Idaho General Mines, Inc.



May 2007

Amendment to Notice 080914



Idaho General Mines, Inc.

**10 N Post Street, Suite 610
Spokane, Washington 99201**

**SRK Consulting (U.S.), Inc.
1250 Lamoille Highway, Suite 520,
Elko, Nevada, USA 89801**

**Tel: 775.753.4151 Fax: 775.753.4152
Web site: www.srk.com**

SRK Project Number 157508

May 2007

TABLE OF CONTENTS

1.	CLAIMANT/OPERATOR INFORMATION	1
1.1	NAME AND ADDRESS	1
2	NOTICE ACTIVITIES	1
2.1	ACTIVITY DESCRIPTION, MAP, AND SCHEDULE OF ACTIVITIES	1
2.2	MEASURES TO PREVENT UNNECESSARY AND UNDUE DEGRADATION	4
2.2.1	Surface Disturbance	4
2.2.2	Cultural Resources	4
2.2.3	Surface and Ground Water	4
2.2.4	Solid Waste	4
2.2.5	Air Quality	4
2.2.6	Fire Protection	4
2.2.7	Noxious Weeds	4
3	RECLAMATION PLAN	5
3.1	PROPOSED ACTIVITIES FOR RECLAMATION	5
3.1.1	Re-contouring, Seedbed Preparation, and Seeding	5
4	RECLAMATION COSTS	5

Tables

Table 1: Bore Hole and Test Pit Site Legal Descriptions	2
Table 2: Proposed Disturbance	3

Figures

- Figure 1: Project Area for Notice – Level Activities
Figure 2: Mount Hope Notice 080914 Amendment

Appendices

- Appendix A – List of Claims
Appendix B – Mount Hope Project Notice Reclamation Cost Estimate

1. Claimant/Operator Information

1.1 Name and Address

Corporate: Idaho General Mines, Inc.
Address: N. 10 Post Street, Suite 610
Spokane WA 99201
Phone: 509.838.1213
Fax: 509.838.0457

Corporate Contact: Andy Russell
Phone: 509.838.1213
Fax: 509.838.0457

Local Contact: Pat Rogers
Director of Environmental
Address: 455 Eighth St.
Elko, NV 89801
Phone: 775.753.4988
Fax: 775.753.7722

The taxpayer ID number is [REDACTED]

The claim names and BLM serial numbers are included in Appendix A. The general location of the proposed activity is shown in Figure 1.

2 Notice Activities

2.1 Activity Description, Map, and Schedule of Activities

This Amendment describes the proposed changes to Notice NVN-080914, submitted to BLM in February 2007. This Amendment proposes 12 bore holes and 16 test pits on public and private lands. Only three of the bore holes and eleven of the test pits will occur on public lands (Figure 2). The geophysical information from these holes and test pits will be used to assess potential impacts in the upcoming environmental impact statement and provide information for the facilities layout. Table 1 shows the legal description for each bore hole and test pit site, as displayed on Figure 2. IGMI proposes to use existing roads and drill pads to the extent possible and overland travel where necessary. No new road construction is proposed.

Activities under this Notice will create a total of 1.13 acres of new disturbance on public lands, including 0.47 acres of overland travel, 0.25 acres for test pits, and 0.41 acres of bore pad disturbance (Table 2). Access will be via State Route 278 and then by the main Mount Hope access road.

Existing roads will be used to the greatest extent possible. Only routine maintenance and minor repairs will be performed on the existing roads. Overland travel will be used from existing roads to access all bore hole and test pit sites. The overland travel disturbance is based on a 5.6 foot ripping width for reclamation. Sediment will be controlled as needed.

Table 1: Bore Hole and Test Pit Site Legal Descriptions

Drill Hole ID # ¹	Township	Range	Section/1/4-section
BH - 11	T 22 N	R 51 ½ E	24 NE4
BH - 12	T 22 N	R 51 ½ E	13 SE4
BH - 13	T 22 N	R 51 ½ E	13 SE4
BH - 14	T 22 N	R 52 E	18 SW4
BH - 15	T 22 N	R 52 E	18 SW4
BH - 16	T 22 N	R 52 E	18 SW4
BH - 17	T 22 N	R 52 E	18 SW4
BH - 18	T 22 N	R 52 E	18 SW4
BH - 19	T 22 N	R 52 E	18 SW4
BH - 20	T 22 N	R 52 E	18 SW4
BH - 21	T 22 N	R 52 E	18 NE4
BH - 22	T 22 N	R 51 ½ E	13 SE4
TP - 11	T 22 N	R 51 ½ E	24 NE4
TP - 12	T 22 N	R 51 ½ E	24 NE4
TP - 13	T 22 N	R 51 ½ E	13 SE4
TP - 14	T 22 N	R 51 ½ E	13 SE4
TP - 15	T 22 N	R 51 ½ E	13 SE4
TP - 16	T 22 N	R 51 ½ E	13 SE4
TP - 17	T 22 N	R 52 E	18 SW4
TP - 18	T 22 N	R 52 E	18 SW4
TP - 19	T 22 N	R 52 E	18 SW4
TP - 20	T 22 N	R 52 E	18 SW4
TP - 21	T 22 N	R 52 E	18 SW4
TP - 22	T 22 N	R 52 E	18 NE4
TP - 23	T 22 N	R 52 E	18 NE4
TP - 24	T 22 N	R 52 E	18 SE4
TP - 25	T 22 N	R 52 E	18 SW4
TP - 26	T 22 N	R 52 E	18 SW4

¹BH = Bore Hole; TP = Test Pit

Only one bore hole will be open at any one time. All bore holes will be abandoned in accordance with applicable Nevada Division of Water Resources regulations (NAC 534). All bore holes will be 40 feet in depth except BH-12, which will be 150 feet in depth.

The two bore hole pads on public land will be 50 x 120 feet, resulting in 0.1377 acres of disturbance per pad. There will be sumps associated with the bore holes, but the sumps will be within the drill pad area.

Water for the drill rigs will be pumped from the existing Mount Hope water well or pond. There is also potential for obtaining water from other wells in the vicinity of the project.

Test pits will be approximately 15 ft x 15 ft in area and up to 15 feet in depth. The disturbance "pad" for the test pits will be approximately 20 ft x 50 ft. Pits will be excavated with a dozer or excavator, depending on the depth. After data has been collected, the test pits will be backfilled.

The proposed project will begin in May 2007 and be completed by December 2008. Reclamation will be completed as soon as practicable following completion of the drilling. Cross-country travel routes will be reclaimed as soon as practical after the cessation of drilling activities in the area. Reseeding will occur in the late fall or early spring months.

Table 2: Proposed Disturbance

Drill Hole ID #	New Pad Disturbance (feet) / (acres)	Cross Country Travel Disturbance ² (feet) / (acres)	Maximum Depth (feet)	Total Disturbance (acres)
BH - 11	(50x120) / 0.1377	912/0.1172	40	0.2550
BH - 12	-	-	150	-
BH - 13	-	-	40	-
BH - 14	-	-	40	-
BH - 15	-	-	40	-
BH - 16	-	-	40	-
BH - 17	-	-	40	-
BH - 18	-	-	40	-
BH - 19	-	-	40	-
BH - 20	-	-	40	-
BH - 21	(50x120) / 0.1377	97/0.0125	40	0.1502
BH - 22	(50x120) / 0.1377	240/0.0309	40	0.1686
TP - 11	(20x50) / 0.023	268/0.0345	15	0.0574
TP - 12	(20x50) / 0.023	171/0.0220	15	0.0449
TP - 13	(20x50) / 0.023	200/0.0257	15	0.0487
TP - 14	(20x50) / 0.023	115/0.0148	15	0.0377
TP - 15	(20x50) / 0.023	221/0.0284	15	0.0514
TP - 16	-	-	15	-
TP - 17	-	-	15	-
TP - 18	-	-	15	-
TP - 19	-	-	15	-
TP - 20	-	-	15	-
TP - 21	(20x50) / 0.023	113/0.0145	15	0.0375
TP - 22	(20x50) / 0.023	326/0.0419	15	0.0649
TP - 23	(20x50) / 0.023	121/0.0156	15	0.0385
TP - 24	(20x50) / 0.023	181/0.0233	15	0.0462
TP - 25	(20x50) / 0.023	248/0.0319	15	0.0548
TP - 26	(20x50) / 0.023	430/0.0553	15	0.0782
Sumps	(3 each @ 40' x 10' x 5')	-	-	Within pad disturbance
Total	0.67	0.47	-	1.13

¹BH = Bore Hole; TP = Test Pit

²Disturbance on private land is not included.

2.2 Measures to Prevent Unnecessary and Undue Degradation

2.2.1 Surface Disturbance

IGMI will minimize disturbance by utilizing existing roads and trails and cross-country travel routes where feasible.

2.2.2 Cultural Resources

IGMI will stop exploration activities in the vicinity should any previously undiscovered artifact be found, and the BLM authorized Officer will be notified. A 100-foot buffer will be maintained around sites eligible or potentially eligible for the National Register of Historic Places, or unevaluated sites, unless otherwise agreed to by BLM and IGMI. IGMI will take measures to ensure that its employees or others associated with the project do not collect artifacts or vandalize the sites or artifacts in them.

2.2.3 Surface and Ground Water

Drilling activities will not occur within 100 feet of seep, springs, or streams. Drill holes will be closed in accordance with NAC 534 to prevent impacts to groundwater. When used as monitoring wells, the monitoring wells will also be closed in accordance with NAC 534. Completed drill holes used for monitoring purposes will be secured with a locking cap to prevent tampering.

2.2.4 Solid Waste

All project-related refuse will be hauled from the site for disposal on a regular basis. No refuse will be disposed on-site. In the event hazardous or regulated material such as diesel fuel is spilled, the area will be cleaned and the Nevada Department of Environmental Protection (NDEP) will be notified as per NDEP regulations.

2.2.5 Air Quality

Project-related traffic will observe prudent speed limits to enhance public safety, protect wildlife and livestock, and minimize fugitive dust.

2.2.6 Fire Protection

All mobile equipment will be properly muffled and equipped with suitable fire suppression equipment, such as fire extinguishers and hand tools.

2.2.7 Noxious Weeds

Equipment used on the project will be washed to remove weed seeds prior to entering the project area. IGMI will also attempt to reduce the spread of noxious weeds on lands disturbed by the proposed project by avoiding travel, whenever possible, through areas infested by noxious weeds to prevent windblown and mechanical transport of seed sources caused by exploration activities.

3 Reclamation Plan

3.1 Proposed Activities for Reclamation

3.1.1 Re-contouring, Seedbed Preparation, and Seeding

IGMI will minimize disturbance by utilizing existing roads and trails and cross-country travel routes. Existing roads will remain in place.

Test pits and sumps will be backfilled and pads will have salvaged soil redistributed.

Scarifying compacted cross-country travel routes to the extent practical will be the primary means by which seedbeds will be prepared. Efforts will be taken to scarify only those portions of the road which are compacted and require seeding (e.g., tire tracks) while minimizing disturbance to the established vegetation.

Pad and test pit disturbance and cross-country travel routes will be seeded during reclamation. Reclamation will generally be accomplished with native seeds only but may include some fast growing non-native species. The native species will be representative of the indigenous species present in the adjacent habitat. The reclamation plant list proposed for the project area is "Mix 1" from the Nevada Reclamation Cost Estimation model. This mix may vary depending on seed availability.

Because of the small amount of disturbance, IGMI anticipates using a hand seeder or small tractor-mounted broadcast seeder. Seeding will occur in late fall or early spring to ensure a greater chance of revegetation success.

Silt fences will be used to contain sediment on reclaimed sites immediately adjacent to drainages as needed.

Bore holes will be abandoned in accordance with applicable Nevada Division of Water Resources regulations (NAC 534).

4 Reclamation Costs

The proposed reclamation costs are based on Notice_Model_FY2007 provided by the Battle Mountain Field Office, BLM (BLM Notice Model). The costs are estimated at \$9,410. A copy of the reclamation cost estimate calculated by the BLM Notice Model is provided in Appendix B.

A narrative description of earthwork and revegetation reclamation activities can be found in Section 3 above. Structures will not be built in the Project Area. Maintenance, mobilization/demobilization, and agency administrative/management costs are accounted for in the Reclamation Bond Checklist, Appendix B.

Figures

IN THE SUPREME COURT OF THE STATE OF NEVADA

EUREKA COUNTY, A POLITICAL
SUBDIVISION OF THE STATE OF
NEVADA; KENNETH F. BENSON,
INDIVIDUALLY; DIAMOND CATTLE
COMPANY, LLC, A NEVADA LIMITED
LIABILITY COMPANY; AND MICHEL
AND MARGARET ANN ETCHEVERRY
FAMILY, LP, A NEVADA REGISTERED
FOREIGN LIMITED PARTNERSHIP,

Appellants,

vs.

THE STATE OF NEVADA STATE
ENGINEER; THE STATE OF NEVADA
DIVISION OF WATER RESOURCES;
AND KOBEH VALLEY RANCH, LLC, A
NEVADA LIMITED LIABILITY
COMPANY,

Respondents.

Case No. 61324

District Court Case Nos.
CV 1108-15; CV 1108-156;
CV 1108-157; CV 1112-164;
CV 1112-165; CV 1202-170

Electronically Filed
Dec 27 2012 10:10 a.m.
Tracie K. Lindeman
Clerk of Supreme Court

JOINT APPENDIX
Volume 20

KAREN A. PETERSON, NSB 366
kpeterson@allisonmackenzie.com
JENNIFER MAHE, NSB 9620
jmahe@allisonmackenzie.com
DAWN ELLERBROCK, NSB 7327
dellerbrock@allisonmackenzie.com
ALLISON, MacKENZIE, PAVLAKIS,
WRIGHT & FAGAN, LTD.

402 North Division Street
Carson City, NV 89703
(775) 687-0202

and

THEODORE BEUTEL, NSB 5222
tbeutel@eurekanv.org
Eureka County District Attorney
702 South Main Street
P.O. Box 190
Eureka, NV 89316
(775) 237-5315

Attorneys for Appellant,
EUREKA COUNTY

**CHRONOLOGICAL APPENDIX TO
APPEAL FROM JUDGMENT**

<u>DOCUMENT</u>	<u>DATE</u>	<u>VOL</u>	<u>JA NO.</u>
Petition for Judicial Review	08/08/2011	1	01-06
Notice of Verified Petition for Writ of Prohibition, Complaint and Petition for Judicial Review	08/10/2011	1	07- 08
Verified Petition for Writ of Prohibition, Complaint and Petition for Judicial Review	08/10/2011	1	09-59
Summons and Proof of Service, Kobeh Valley Ranch, LLC	08/11/2011	1	60-62
Summons and Proof of Service, Jason King	08/11/2011	1	63-65
Affidavit of Service by Certified Mail	08/11/2011	1	66-68
Notice of Petition for Judicial Review	08/11/2011	1	69-117
Summons and Proof of Service, Kobeh Valley Ranch, LLC	08/15/2011	1	118-120
Summons and Proof of Service, Jason King	08/15/2011	1	121-123
Summons and Proof of Service, The State of Nevada	08/17/2011	1	124-128
First Additional Summons and Proof of Service, State Engineer, Division of Water Resources	08/17/2011	1	129-133
Order Allowing Intervention of Kobeh Valley Ranch, LLC, to Intervene as a Respondent	09/14/2011	1	134-135

<u>DOCUMENT</u>	<u>DATE</u>	<u>VOL</u>	<u>JA NO.</u>
Partial Motion to Dismiss, Notice of Intent to Defend	09/14/2011	1	136-140
Order Allowing Intervention of Kobeh Valley Ranch, LLC, as a Party Respondent	09/26/2011	1	141-142
Answer to Verified Petition for Writ of Prohibition, Complaint and Petition for Judicial Review by Kobeh Valley Ranch, LLC	09/28/2011	1	143-149
Answer to Petition for Judicial Review by Kobeh Valley Ranch, LLC	09/29/2011	1	150-154
Answer to Petition for Judicial Review by Kobeh Valley Ranch, LLC	09/29/2011	1	155-160
Order Directing the Consolidation of Action CV1108-156 and Action No. CV1108-157 with Action CV1108-155	10/26/2011	1	161-162
Summary of Record on Appeal	10/27/2011	2-26	163-5026
Request for and Points and Authorities in Support of Issuance of Writ of Prohibition and in Opposition to Motion to Dismiss	11/10/2011	27	5027-5052
Order Setting Briefing Schedule	12/02/2011	27	5053-5055
Reply in Support of Partial Motion to Dismiss and Opposition to Request for Writ of Prohibition	12/15/2011	27	5056-5061

<u>DOCUMENT</u>	<u>DATE</u>	<u>VOL</u>	<u>JA NO.</u>
Kobeh Valley Ranch's Reply to Conley/Morrison's Request for and Points and Authorities in Support of Issuance of Writ of Prohibition and in Opposition to Motion to Dismiss	12/15/2011	27	5062-5083
Kobeh Valley Ranch's Joinder in the State of Nevada and Jason King's Partial Motion to Dismiss	12/15/2011	27	5084-5086
Petition for Judicial Review	12/29/2011	27	5087-5091
Petition for Judicial Review	12/30/2011	27	5092-5097
Summons and Proof of Service, The State of Nevada	01/11/2012	27	5098-5100
First Additional Summons and Proof of Service, State Engineer, Division of Water Resources	01/11/2012	27	5101-5103
First Amended Petition for Judicial Review	01/12/2012	27	5104-5111
Opening Brief of Conley Land & Livestock, LLC and Lloyd Morrison	01/13/2012	27	5112-5133
Petitioners Kenneth F. Benson, Diamond Cattle Company, LLC, and Michel and Margaret Ann Etcheverry Family LP's Opening Brief	01/13/2012	27	5134-5177
Eureka County's Opening Brief	01/13/2012	27	5178-5243
Eureka County's Summary of Record on Appeal - CV1112-0164	01/13/2012	28	5244-5420
Eureka County's Supplemental Summary of Record on Appeal - CV1108-155	01/13/2012	29-30	5421-5701

<u>DOCUMENT</u>	<u>DATE</u>	<u>VOL</u>	<u>JA NO.</u>
Order Granting Extension	01/26/2012	31	5702-5703
Answer to Petition for Judicial Review	01/30/2012	31	5704-5710
Answer to First Amended Petition for Judicial Review	01/30/2012	31	5711-5717
Supplemental Petition for Judicial Review	01/31/2012	31	5718-5720
Petition for Judicial Review	02/01/2012	31	5721-5727
Summary of Record on Appeal	02/03/2012	31	5728-5733
Record on Appeal, Vol. I, Bates Stamped Pages 1-216	02/03/2012	31	5734-5950
Record on Appeal, Vol. II, Bates Stamped Pages 217-421	02/03/2012	32	5951-6156
Record on Appeal, Vol. III, Bates Stamped Pages 422-661	02/03/2012	33	6157-6397
Answer to Petition to Judicial Review	02/23/2012	34	6398-6403
Answering Brief	02/24/2012	34	6404-6447
Respondent Kobeh Valley Ranch, LLC's Answering Brief	02/24/2012	34	6448-6518
Reply Brief of Conley Land & Livestock, LLC and Lloyd Morrison	03/28/2012	34	6519-6541
Petitioners Kenneth F. Benson, Diamond Cattle Company, LLC, and Michel and Margaret Ann Etcheverry Family LP's Reply Brief	03/28/2012	34	6542-6565
Eureka County's Reply Brief	03/28/2012	34	6566-6638

<u>DOCUMENT</u>	<u>DATE</u>	<u>VOL</u>	<u>JA NO.</u>
Transcript for Petition for Judicial Review	04/03/2012	35	6639-6779
Corrected Answering Brief	04/05/2012	35	6780-6822
Findings of Fact, Conclusions of Law, and Order Denying Petitions for Judicial Review	06/13/2012	36	6823-6881
Notice of Entry of Findings of Fact, Conclusions of Law, and Order Denying Petitions for Judicial Review	06/18/2012	36	6882-6944
Notice of Appeal	07/10/2012	36	6945-6949
Petitioners Benson, Diamond Cattle Co., and Etcheverry Family LP's Notice of Appeal	07/12/2012	36	6950-6951
Excerpts from Transcript of Proceedings	10/13/2008	36	6952-6964

**ALPHABETICAL APPENDIX TO
APPEAL FROM JUDGMENT**

<u>DOCUMENT</u>	<u>DATE</u>	<u>VOL</u>	<u>JA NO.</u>
Affidavit of Service by Certified Mail	08/11/2011	1	66-68
Answer to Verified Petition for Writ of Prohibition, Complaint and Petition for Judicial Review by Kobeh Valley Ranch, LLC	09/28/2011	1	143-149
Answer to Petition for Judicial Review by Kobeh Valley Ranch, LLC	09/29/2011	1	150-154
Answer to Petition for Judicial Review by Kobeh Valley Ranch, LLC	09/29/2011	1	155-160
Answer to Petition for Judicial Review	01/30/2012	31	5704-5710
Answer to First Amended Petition for Judicial Review	01/30/2012	31	5711-5717
Answer to Petition to Judicial Review	02/23/2012	34	6398-6403
Answering Brief	02/24/2012	34	6404-6447
Corrected Answering Brief	04/05/2012	35	6780-6822
Eureka County's Supplemental Summary of Record on Appeal - CV1108-155	01/13/2012	29-30	5421-5701
Eureka County's Summary of Record on Appeal - CV1112-0164	01/13/2012	28	5244-5420
Eureka County's Opening Brief	01/13/2012	27	5178-5243
Eureka County's Reply Brief	03/28/2012	34	6566-6638
Excerpts from Transcript of Proceedings	10/13/2008	36	6952-6964

<u>DOCUMENT</u>	<u>DATE</u>	<u>VOL</u>	<u>JA NO.</u>
Findings of Fact, Conclusions of Law, and Order Denying Petitions for Judicial Review	06/13/2012	36	6823-6881
First Additional Summons and Proof of Service, State Engineer, Division of Water Resources	08/17/2011	1	129-133
First Additional Summons and Proof of Service, State Engineer, Division of Water Resources	01/11/2012	27	5101-5103
First Amended Petition for Judicial Review	01/12/2012	27	5104-5111
Kobeh Valley Ranch's Reply to Conley/Morrison's Request for and Points and Authorities in Support of Issuance of Writ of Prohibition and in Opposition to Motion to Dismiss	12/15/2011	27	5062-5083
Kobeh Valley Ranch's Joinder in the State of Nevada and Jason King's Partial Motion to Dismiss	12/15/2011	27	5084-5086
Notice of Verified Petition for Writ of Prohibition, Complaint and Petition for Judicial Review	08/10/2011	1	07- 08
Notice of Petition for Judicial Review	08/11/2011	1	69-117
Notice of Entry of Findings of Fact, Conclusions of Law, and Order Denying Petitions for Judicial Review	06/18/2012	36	6882-6944
Notice of Appeal	07/10/2012	36	6945-6949
Opening Brief of Conley Land & Livestock, LLC and Lloyd Morrison	01/13/2012	27	5112-5133

<u>DOCUMENT</u>	<u>DATE</u>	<u>VOL</u>	<u>JA NO.</u>
Order Allowing Intervention of Kobeh Valley Ranch, LLC, to Intervene as a Respondent	09/14/2011	1	134-135
Order Allowing Intervention of Kobeh Valley Ranch, LLC, as a Party Respondent	09/26/2011	1	141-142
Order Directing the Consolidation of Action CV1108-156 and Action No. CV1108-157 with Action CV1108-155	10/26/2011	1	161-162
Order Setting Briefing Schedule	12/02/2011	27	5053-5055
Order Granting Extension	01/26/2012	31	5702-5703
Partial Motion to Dismiss, Notice of Intent to Defend	09/14/2011	1	136-140
Petition for Judicial Review	08/08/2011	1	01-06
Petition for Judicial Review	12/29/2011	27	5087-5091
Petition for Judicial Review	12/30/2011	27	5092-5097
Petition for Judicial Review	02/01/2012	31	5721-5727
Petitioners Kenneth F. Benson, Diamond Cattle Company, LLC, and Michel and Margaret Ann Etcheverry Family LP's Opening Brief	01/13/2012	27	5134-5177
Petitioners Kenneth F. Benson, Diamond Cattle Company, LLC, and Michel and Margaret Ann Etcheverry Family LP's Reply Brief	03/28/2012	34	6542-6565
Petitioners Benson, Diamond Cattle Co., and Etcheverry Family LP's Notice of Appeal	07/12/2012	36	6950-6951

<u>DOCUMENT</u>	<u>DATE</u>	<u>VOL</u>	<u>JA NO.</u>
Record on Appeal, Vol. II, Bates Stamped Pages 217-421	02/03/2012	32	5951-6156
Record on Appeal, Vol. I, Bates Stamped Pages 1-216	02/03/2012	31	5734-5950
Record on Appeal, Vol. III, Bates Stamped Pages 422-661	02/03/2012	33	6157-6397
Reply in Support of Partial Motion to Dismiss and Opposition to Request for Writ of Prohibition	12/15/2011	27	5056-5061
Reply Brief of Conley Land & Livestock, LLC and Lloyd Morrison	03/28/2012	34	6519-6541
Request for and Points and Authorities in Support of Issuance of Writ of Prohibition and in Opposition to Motion to Dismiss	11/10/2011	27	5027-5052
Respondent Kobeh Valley Ranch, LLC's Answering Brief	02/24/2012	34	6448-6518
Summary of Record on Appeal	10/27/2011	2-26	163-5026
Summary of Record on Appeal	02/03/2012	31	5728-5733
Summons and Proof of Service, Kobeh Valley Ranch, LLC	08/11/2011	1	60-62
Summons and Proof of Service, Jason King	08/11/2011	1	63-65
Summons and Proof of Service, Jason King	08/15/2011	1	121-123
Summons and Proof of Service, Kobeh Valley Ranch, LLC	08/15/2011	1	118-120

<u>DOCUMENT</u>	<u>DATE</u>	<u>VOL</u>	<u>JA NO.</u>
Summons and Proof of Service, The State of Nevada	08/17/2011	1	124-128
Summons and Proof of Service, The State of Nevada	01/11/2012	27	5098-5100
Supplemental Petition for Judicial Review	01/31/2012	31	5718-5720
Transcript for Petition for Judicial Review	04/03/2012	35	6639-6779
Verified Petition for Writ of Prohibition, Complaint and Petition for Judicial Review	08/10/2011	1	09-59

CERTIFICATE OF APPENDIX (NRAP 30(g)(1))

In compliance with NRAP 30(g)(1) I hereby certify that this Appendix consists of true and correct copies of the papers in the District Court file.

DATED: December 21, 2012.

/s/ KAREN A. PETERSON

KAREN A. PETERSON, NSB #366
ALLISON, MacKENZIE, PAVLAKIS,
WRIGHT & FAGAN, LTD.
P.O. Box 646
Carson City, NV 89702

Attorneys for Appellant,
EUREKA COUNTY

IDAHO GENERAL MINES, INC.



10 N Post Street, Suite 610
Spokane, WA 99201
Phone: 509 838 1213
Fax: 509-838-0457
Email: info@idahogeneralmines.com
Website: www.idahogeneralmines.com

RECEIVED
MAIL ROOM

2005 OCT 31 P 1:00

BUREAU
B
FIELD OFFICE

October 24, 2005

Mr. Steve Drummond
U.S. Bureau of Land Management
Battle Mountain Field Office
50 Bastian Road
Battle Mountain, Nevada 89820

Re: Mount Hope Mine Drilling Program – Amendment to Notice

Dear Mr. Drummond:

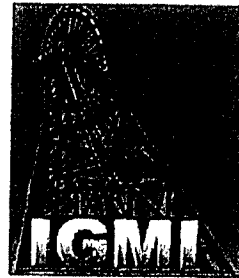
Enclosed is a request to amend the existing notice for the Mount Hope Mine drilling program. This amendment reduces the new disturbance while still allowing IGMI to complete the desired program. The amended program is based on a recent field visit during which time the team members were able to visit the proposed locations to assess their suitability and accessibility.

Please call Ms. Renee Kockler at 509.838.1213 if you have any questions concerning this submission.

Sincerely,
Idaho General Mines, Inc.

Matt Russell
Vice President Operations

cc: R. Kockler, IGMI
V. Sawyer, SRK



**Idaho General Mines,
Inc.**

MOUNT HOPE MINE PROJECT AMENDMENT TO NOTICE FOR BASELINE DRILLING ACTIVITIES

*Idaho General Mines, Inc.
10 N. Post Street, Suite 610
Spokane, WA 99201
Phone: (509) 838-1213
Fax: (509) 838-0457*

Prepared by:
 **SRK Consulting**
Engineers and Scientists

*SRK Consulting (U.S.), Inc.
1250 Lamoille Hwy, Suite 520
Elko, Nevada, 89801*

*(775) 753.4151 Phone
(775) 753.4152 Fax*

SRK Project No. 157501
Revised October 2005

MOUNT HOPE MINE PROJECT AMENDMENT TO NOTICE FOR BASELINE DRILLING ACTIVITIES

Prepared for:

***Idaho General Mines, Inc.
10 N. Post Street, Suite 610
Spokane, WA 99201
Phone: (509) 838-1213
Fax: (509) 838-0457***

Prepared by:



***SRK Consulting (U.S.), Inc.
1250 Lamoille Hwy, Suite 520
Elko, Nevada, 89801
(775) 753.4151 Phone
(775) 753.4152 Fax***

***SRK Project No. 157501
Revised October 2005***

TABLE OF CONTENTS

1. OPERATOR INFORMATION	1
1.1 NAME AND ADDRESS	1
1.2 TAXPAYER ID NUMBER	1
1.3 LIST CLAIM NAMES AND BLM SERIAL NUMBERS	1
1.4 LOCATION OF PROPOSED ACTIVITY	1
2 DESCRIPTION OF EXISTING AND PROPOSED DISTURBANCE IN PROJECT AREA	2
2.1 EXISTING DISTURBANCE	2
2.2 AMENDED PROPOSED ACTIVITIES	3
2.3 APPROXIMATE DATE OPERATION WILL BEGIN AND END	4
2.4 STANDARD OPERATING PROCEDURES	4
2.4.1 Cultural Resources	4
2.4.2 Pony Express Trail	5
2.4.3 Surface and Ground Water	5
2.4.4 Solid Waste	5
2.4.5 Air Quality	5
2.4.6 Erosion and Sediment Control	5
2.4.7 Fire Protection	5
2.4.8 Forestry	5
2.4.9 Wildlife	6
2.4.10 Wild Horses	6
2.4.11 Livestock	6
2.4.12 Employee Training	6
3 RECLAMATION PLAN	7
3.1 PROPOSED ACTIVITIES FOR RECLAMATION	7
3.1.1 Re-contouring, Seedbed Preparation, and Seeding	7
3.1.2 Measures Used to Minimize Loading of Sediment to Surface Waters	7
3.1.3 Schedule for the Project and Reclamation	8
3.1.4 Drill Hole Plugging Procedures	8
3.1.5 Monitoring	8
3.1.6 Measures to be taken during Extended Periods of Non-Operation	8
4 RECLAMATION COSTS	9
4.1 NARRATIVE DESCRIPTION OF PROPOSED RECLAMATION ACTIVITIES	9
4.2 RECLAMATION COST ESTIMATE	9
5 RECLAMATION RESPONSIBILITY	10
6 REFERENCES	11

Tables

Table 1: Project Disturbance	1
Table 2: Proposed Disturbance	3

Figures

Figure 1: Location Map

Figure 2: Project Area for Notice – Level Drilling & Geotechnical Investigations

Appendices

Appendix A – List of Claims

Appendix B – Mount Hope Mine Project Bond Cost Estimate

1. Operator Information

1.1 Name and Address

Corporate: Idaho General Mines, Inc.
Address: N. 10 Post Street, Suite 610
Spokane WA 99201
Phone: 509.838.1213
Fax: 509.838.0457

Corporate Contact: James Moore
Phone: 480.539.4262
Fax: 480.539.4260

Local Contact: SRK Consulting, Inc.
Address: 1250 Lamoille Hwy, Suite 520
Elko, NV 89801
Contact: Val Sawyer
Phone: 775.753.4151
Fax: 775.753.4152

1.2 Taxpayer ID Number

The taxpayer ID number is [REDACTED]

1.3 List Claim Names and BLM Serial Numbers

The claim names and BLM serial numbers are included in Appendix A.

1.4 Location of Proposed Activity

The proposed drilling project will be located in the areas defined in Table 1.

Table 1: Project Disturbance

Township	Range	Section
22N	51E	1, 2, 11-14, 23, 24
22N	51½E	12, 13, 24, 25
22N	52E	1-4, 6-24, 27-30
23N	51E	25, 35, 36
23N	52E	31, 33, 34, 35

Figure 1 shows the general project location and Figure 2 shows the Project Area.

2 Description of Existing and Proposed Disturbance in Project Area

2.1 Existing Disturbance

The Project Area has an extensive mining history. The Project Area is located in the Mount Hope Mining District which includes the historical workings of the Mount Hope Mine, located on the eastern flank of Mount Hope. Zinc-rich ores containing concentrations of lead, silver, and copper were discovered in 1870 in the district. However, it was not until 1886 that work began at the Mount Hope Mine which was the only productive property in the district. The zinc-rich skarn ores were mined intermittently until the middle 1940s from four principal areas: the Lorraine Area; the Whim Shaft; the Mount Hope No. 1 adit, and the No. 2 adit (WESTEC 1995).

The major workings in the Lorraine Area were opened in 1886 and consist of a main adit about 240 feet in length, two shafts about 90 and 135 feet, and drifts on four levels. The Mount Hope No. 2 adit was driven in 1890 along with the Whim shaft. The No. 2 adit is about 1,350 feet long with about 1,745 feet of subdrifts, crosscuts, and raises. The Whim shaft is about 90 feet deep.

In 1926 the U.S. Smelting, Refining, and Mining Company drove the Mount Hope No. 1 adit which is about 800 feet long and has about 3,255 feet of drifts, crosscuts, raises, and winzes. The property was optioned to Universal Exploration Company in 1928, who subsequently purchased the property in 1930. Additional exploration work was conducted under a number of leases until the 1940s when Callahan Zinc-Lead Company obtained a long-term lease and initiated an extensive drilling and development program. A power plant and concentrating mill and tailings impoundments were constructed by the Callahan Company. Exploration in 1943, 1944, and 1945 included a drilling program conducted by the U.S. Bureau of Mines. The first concentrates were shipped in 1945, but the mine was shut down in 1947 after a fire destroyed the powerhouse. No further production occurred after 1947 (WESTEC 1995).

In 1967 patented and unpatented claims were acquired by Mount Hope Mines, Inc. Since 1967 the patented and unpatented claims comprising the Mount Hope Mines, Inc. property have been owned by Mr. H. Jensen, who subsequently sold an interest in the property to Mr. H. Drimmer. Activities since that time have included some exploratory drilling in the mine area and the intermittent toll milling of ores. During this period a decline adit was driven by Mount Hope Mines, Inc. and intercepted the Mount Hope No. 1 adit through an air raise shaft (WESTEC 1995).

Several companies including Bear Creek Mining Company, Phelps Dodge, Phillips Petroleum Company, AMAX, ASARCO, and Gulf Mineral Resources examined the property during the 1970s. An extensive drilling and development program by the Mount Hope Mining Company and Phillips Petroleum Company during 1970 and 1971 confirmed that substantial copper mineralization occurred at depth and a low grade but continuous molybdenum mineralization occurred also (WESTEC 1995).

The most significant recent activity was Exxon Minerals Company (Exxon) negotiating for an option agreement with Mount Hope Mine, Inc. in 1978. Drilling by Exxon revealed substantial molybdenum mineralization areas at depth for future exploration and development. Feasibility evaluation of the Mount Hope mineral system by Exxon included drilling, collection and analysis of geologic data, resource estimation, mine planning, metallurgical studies, and rock mechanic studies. Exxon filed a Notice of Intent on January 28, 1981 and amended this Notice on February

18 and June 18, 1981. Because disturbance was expected to exceed five acres, a Plan of Operations was filed on June 30, 1981 and assigned Case File No. N64-81-015P. Exxon constructed about 14 miles of roads and reclaimed about ten miles leaving four miles for public access and subsequent minerals exploration. All of Exxon's disturbance occurred before October 1990.

A draft Environmental Impact Statement was prepared in 1985 and released for public and agency comment.

Figure 2 shows the Project Area in which the drilling activities will occur. The existing disturbance presently includes roads, drill pads, a core shed, four tailings impoundments, waste rock dumps, shafts, and adits.

2.2 Amended Proposed Activities

This amended Notice describes the changes to the original project description submitted to BLM on September 29, 2005. This amended Notice still covers baseline data collection activities to define the hydrogeochemistry of the proposed pit area and geotechnical and hydrological characteristics of potential tailings impoundment, waste rock dump, plant facility, and borrow source locations. Up to five condemnation holes will be drilled. In general, the data collection activities may include core, reverse circulation, hollow stem auger, and sonic drilling. Geotechnical investigation activities may also include trenching, test pits, and percolation testing. Existing disturbance including roads and drill pads will be used to the greatest extent possible. Table 2 presents the proposed disturbance.

Table 2: Proposed Disturbance

Category	Length	Width	Number	Acres ¹
Test Pit pads (20'x49')	20	49	40	0.9
Test Pits (15 feet deep)	15	8	40	-
Monitoring Wells (30' x 70')	30	70	6	0.3
Boreholes pads (23' x 33') ²	23	33	3	0.1
Roads	3,313	13	-	1.9
Condemnation hole pads ²	30	70	5	0.2
Geohydro pads (30' x 70') ²	30	70	5	0.2
Cross-country Travel	1,591	13	-	0.5
			Total	4.1

¹ Acres include disturbance associated with sloped surfaces

² Sumps are included within the pad footprint.

Although considerable geologic and engineering information was collected during past exploration activities, the hydrogeology of the pit area requires further definition. A better understanding of the hydraulic properties of the rocks in the pit area is required to allow mine inflows to be predicted and for the pit lake hydrologic analysis. Up to five geohydro holes, ranging in depth from about 1,970 feet to about 3,120 feet, will need to be advanced into the pit area for hydraulic testing and collection of core for geochemical analysis and testing. Packer testing in open boreholes is deemed the best testing methodology as the formations appear to have low hydraulic conductivity. The geohydro holes will need to be drilled to near the planned pit bottom elevation with packer tests performed periodically (at least once per rock type). Up to three of these holes will remain open for monitoring.

Precise locations of the condemnation and geohydro holes will be based on pit geology, geochemistry testing requirements, and other mine planning requirements. The drilling program will be designed to provide as much data to as many different studies (e.g. geology, ore reserves, assay, geochemistry, hydrology, etc.) as possible. Core drilling is planned to provide the best possible samples and to simplify hydraulic testing. Other types of drilling may be considered if core drilling proves infeasible or uneconomical. Up to five condemnation holes will be drilled to an approximate depth of 1,640 feet.

Six monitoring wells are proposed in this amendment to collect information on water depth, water quality, seasonal variations, and geotechnical/geological characteristics of the areas that may underlie future waste rocks dumps and tailings impoundments. The monitoring wells proposed south of Mount Hope are positioned in order to collect data which will subsequently be used to determine the piezometric surface in the area.

Existing roads will be used to the greatest extent possible. Only routine maintenance and minor repairs will be performed on the existing roads. Running surfaces of new roads will be about 13 feet in width with disturbance exceeding that width on sloped surfaces. Growth media will be pushed in to berm along the side of the road. Sediment will be controlled as needed.

2.3 Approximate Date Operation Will Begin and End

The proposed project will begin in November 2005 and be completed by December 2007.

2.4 Standard Operating Procedures

2.4.1 Cultural Resources

A Class III cultural resources survey was performed in portions of the Project Area. As needed, Class II surveys will be conducted on travel routes and areas of proposed activity that have not been previously surveyed. Because the exact locations of drill sites and cross-country travel routes will be dependent on geological conditions and the results of ongoing drilling, IGMI cannot predict precisely where disturbance will occur. IGMI will contract with a BLM-permitted archeologist prior to any surface disturbance to perform a Class III cultural resources study on the cross-country travel routes, constructed/improved roads, drill pads, and trenches. If a cultural resources site is located, the disturbance will be moved to avoid the site. The results of each survey will be submitted to BLM.

Avoidance is the IGMI-preferred treatment for preventing effects to historic properties [a historic property is any prehistoric or historic site eligible to the National Register of Historic Places (NRHP)] or unevaluated cultural resources.

If avoidance is not possible or is not adequate to prevent adverse effects, IGMI will undertake data recovery at the affected historic properties in accordance with the Memorandum of Understanding between BLM, Nevada State Historic Preservation Office (SHPO), and the Advisory Council on Historic Preservation. Development of a treatment plan, data recovery, archeological documentation, and report preparation will be based on the "Secretary of the Interior's Standards and Guidelines for Archeology and Historic Preservation," 48 CFR 44716 (September 29, 1983), as amended or replaced. If an unevaluated site cannot be avoided, additional information will be gathered and the site will be evaluated. If the site does not meet eligibility criteria as defined by the Nevada SHPO, no further cultural work will be performed. If

the site meets eligibility criteria, a data recovery plan or appropriate mitigation will be completed under the Programmatic Agreement. Once data recovery has been completed at a historic property, the BLM will issue a Notice to Proceed for work at that location.

2.4.2 Pony Express Trail

In order to avoid or mitigate impacts to the Pony Express Trail, IGMI will ensure that:

- Test trenches and drill/bore holes west of the Highway 278, will be moved either a minimum of 50 meters away from the Pony Express Trail or in an area screened from view from the trail.
- Backhoe and truck access will be limited to one pass, as all can be dug, logged and backfilled in one campaign.

2.4.3 Surface and Ground Water

Drilling activities will not occur within 100 feet of seep, springs, or streams. Drill holes will be closed in accordance with NAC 534 to prevent impacts to groundwater. Completed drill holes used for monitoring purposes will be secured with a locking cap to prevent tampering.

2.4.4 Solid Waste

All project-related refuse will be hauled from the site for disposal on a regular basis. No refuse will be disposed on-site. In the event hazardous or regulated material such as diesel fuel is spilled, the area will be cleaned and the Nevada Department of Environmental Protection (NDEP) will be notified as per NDEP regulations.

2.4.5 Air Quality

Project-related traffic will observe prudent speed limits to enhance public safety, protect wildlife and livestock, and minimize fugitive dust.

2.4.6 Erosion and Sediment Control

Maintenance of the exploration roads includes minor seasonal regrading and re-establishment of water bars when necessary. The effectiveness of erosion control measures will be monitored in the spring and fall.

2.4.7 Fire Protection

All mobile equipment will be properly muffled and equipped with suitable fire suppression equipment, such as fire extinguishers and hand tools.

2.4.8 Forestry

IGMI will obtain firewood permits from the BLM on an as-needed basis prior to removing piñon /juniper trees from areas proposed for disturbance. Subject to safety-related constraints, these downed trees will be made available to employees and other interested persons for use as firewood.

2.4.9 Wildlife

Land clearing and surface disturbance would be timed to prevent destruction of active bird nests or young of birds during the avian breeding season (May 1 to July 15, annually in accordance with the Battle Mountain Field Office policies) to comply with the Migratory Bird Treaty Act (MBTA). If surface disturbing activities are unavoidable, IGMI would have a qualified biologist survey areas proposed for disturbance for the presence of active nests immediately prior to the disturbance.

If active nests are located, or if other evidence of nesting is observed (mating pairs, territorial defense, carrying nesting material, transporting of food), the area would be avoided to prevent destruction or disturbance of nests until the birds are no longer present. Avian surveys are proposed to be conducted only during the avian breeding season and immediately prior to IGMI conducting activities that result in disturbance. After such surveys are performed, and disturbance created (i.e., road construction and drill pad development), IGMI would not conduct any additional disturbance during the avian breeding season without first conducting another avian survey. After July 15, activities would continue; no further avian surveys, in compliance with MBTA, would be conducted until the next year.

2.4.10 Wild Horses

Gates on the highway right-of-way for State Highway 278 closed at all times. IGMI will forward information regarding water encountered during drilling to BLM for potential future mitigation. Personnel onsite will use caution during the March through June foaling season; at no times will wild horses be chased or harassed. IGMI will keep a record of observations of wild horse movements and locations.

2.4.11 Livestock

IGMI will inform employees and contractors to leave gates in the position found (open or closed) and to not harass livestock.

2.4.12 Employee Training

IGMI will train employees, contractors, and other related personnel as to the environmental responsibilities required under this notice.

3 Reclamation Plan

Appendix B contains a description of the proposed reclamation activities and the projected cost.

3.1 Proposed Activities for Reclamation

3.1.1 Re-contouring, Seedbed Preparation, and Seeding

IGMI will minimize disturbance by utilizing existing roads and trails and cross-country travel routes where feasible. Newly constructed roads and pads will be reclaimed by restoring the disturbance to approximate its original topography. Existing roads will remain in place. Any culverts installed during the project will be removed, and the sumps will be backfilled.

Scarifying compacted cross-country travel routes to the extent practical will be the primary means by which seedbeds will be prepared. Sidecast growth media will be replaced and the surface will be scarified prior to seeding. Efforts will be taken to scarify only those portions of the road which are compacted and require seeding (e.g., tire tracks) while minimizing disturbance to the established vegetation.

Disturbance and cross-country travel routes will be seeded during reclamation. Reclamation will generally be accomplished with native seeds only but may include some fast growing non-native species. The native species will be representative of the indigenous species present in the adjacent habitat. The reclamation plant list proposed for the project area is "Mix 1" from the Nevada Reclamation Cost Estimation model. This mix may vary depending on seed availability.

Seeding procedures will be dependent upon site characteristics. IGMI will use a hand-broadcast seeder to apply the mix. Seeding will occur in late fall or early spring to ensure a greater chance of revegetation success. Other measures that will be taken to prevent undue degradation include road maintenance and sediment control.

IGMI will attempt to reduce the spread of noxious weeds on lands disturbed by the proposed project by avoiding travel, whenever possible, through areas infested by noxious weeds to prevent windblown and mechanical transport of seed sources caused by exploration activities.

Should IGMI decide not to proceed with additional exploration or production at the site, the post-exploration goal will be to restore lands for use as mineral exploration, livestock grazing, wildlife habitat, and dispersed recreation. It is anticipated that available forage will be enhanced by seeding with the above mentioned forage species.

3.1.2 Measures Used to Minimize Loading of Sediment to Surface Waters

IGMI will use existing roads, trails and cross-country travel routes whenever possible to minimize the disturbance created during access to, and from the drill site locations. Proposed environmental protection measures as detailed in Section 2, will minimize impacts to surface waters. Constructed sediment control features will be regraded following reclamation to reestablish, as nearly as possible, the natural drainage patterns. Silt fences will be used to contain sediment on reclaimed sites immediately adjacent to drainages as needed.

3.1.3 Schedule for the Project and Reclamation

Drilling activities will commence upon approval of this notice and are expected to be completed during the fourth quarter of 2007 depending on weather conditions. Upon completion of drilling activities and based upon future activities, earthwork will be completed on areas no longer required in the exploration program. Cross-country travel routes will be reclaimed as soon as practical after the cessation of drilling activities in the area. Reseeding will occur in the late fall or early spring months.

Because development of Mount Hope Mine is planned, the disturbance associated with this Notice may be transferred to a mine plan of operations and the reclamation costs included in the mine reclamation bond. In this event, reclamation will be undertaken in conjunction with mine reclamation.

3.1.4 Drill Hole Plugging Procedures

Mineral exploration drill holes subject to Nevada Division of Water Resources regulations will be abandoned in accordance with applicable rules and regulations (NAC 534).

3.1.5 Monitoring

IGMI will monitor the disturbance for three years after the completion of drilling activities.

3.1.6 Measures to be taken during Extended Periods of Non-Operation

Areas no longer needed for future drilling activities will be reclaimed as soon as possible. Interim stabilization measures will be taken as necessary at these sites.

4 Reclamation Costs

The proposed reclamation costs are included in Appendix B and are based on the 2005 Nevada Standard Reclamation Bond Calculation model (Beta 3b).

4.1 Narrative Description of Proposed Reclamation Activities

A narrative description of earthwork and revegetation reclamation activities can be found in Section 3 above. Structures will not be built in the Project Area. Maintenance, mobilization/demobilization, and agency administrative/management costs are accounted for in the Reclamation Bond Checklist, Appendix B.

4.2 Reclamation Cost Estimate

See the reclamation cost estimate in Appendix B.

5 Reclamation Responsibility

"Reclamation of all areas disturbed will be completed to the standards described in 3809.1-3(d) of this title and that reasonable measures will be taken to prevent unnecessary and undue degradation of the federal lands during operations."

Signature:



Date:

10/25/05

Title:

Vice President Operations

10/25/2005.

SRK Consulting (U.S.), Inc.

6 References

WESTEC. 1995. *Mount Hope Environmental Due Diligence Prepared for Kennecott Corporation*, December, 1995.

IDAHO GENERAL MINES, INC.
10 NORTH POST STREET SUITE 610
SPOKANE, WASHINGTON 99201
509 838 1213 FAX 509 838 0457

November 6, 2006

*
check
was
enclosed

NNV-80914N

Mr. Thomas J. Seley
Assistant Field Manager
Bureau of Land Management
Battle Mountain Field Office
50 Bastian Road
Battle Mountain, Nevada 89820

Dear Mr. Seley,

The letter – Determination of Required Financial Guarantee Amount – has been received. Herewith you will find attached a check in the amount of \$2,794.00 to complete the full payment of the amended cost estimate. Also, attached you will find a copy of the letter signed for you by Stephen C. Drummond which was received by Idaho General Mines, Inc. today.

Very truly yours,



Robert L. Russell, President and CEO
Idaho General Mines, Inc.

RECEIVED-MAILROOM
2006 NOV -9 AM 11:54
BUREAU OF LAND MANAGEMENT
BATTLE MOUNTAIN
FIELD OFFICE



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Battle Mountain Field Office
50 Bastian Road
Battle Mountain, NV 89820
<http://www.nv.blm.gov>



In Reply Refer To:

3809

NVN-080914

(07-1A)

NV063

OCT 31 2006

CERTIFIED MAIL: 7006 0810 0001 5139 1110

Return Receipt Requested

DECISION

Paul Valenti : 43 CFR 3809 – Surface Management
Idaho General Mines : Notice Amendment
10 N Post Street, Suite 610 :
Spokane, WA 99201 :

Determination of Required Financial Guarantee Amount

On October 10, 2006 Idaho General Mines submitted a Notice Amendment for the Mount Hope Project located in located within MDB&M., T. 22 N., R. 51E, sections 1, 2, 12-14, 23 and 24; T. 22 N., R. 51 1/2 E., sections 12, 13, 24 and 25; T. 22 N., R. 52 E., sections 2, 3, 7, 9-11, 17-21. Additional information requested was received through a phone conversation with Jim Moore on October 25, 2006. The Notice amendment has been assigned Bureau of Land Management (BLM) case file number NVN-080914(07-1A).

Your Notice Amendment proposes to construct 15 test pits and drill eight boreholes and eliminate 100 feet of road previously proposed. These modifications will bring the total disturbance to 4.76 acres of disturbance. The Notice amendment documentation has been reviewed and satisfies the requirements of 43 CFR §3809 for operations conducted under a Notice.

Amount of Financial Guarantee – This office has reviewed your reclamation cost estimate and has determined that the amount of **\$27,356.00** is sufficient to meet all anticipated reclamation requirements. The amount of the reclamation cost estimate was based on the operator complying with all applicable operating and reclamation requirements.

All line items contained in the approved reclamation cost estimate are not to be considered as the limits of financial guarantee expenditures in that respective category or task should forfeiture of the financial guarantee be necessary. The line items listed are solely for the purpose of arriving at a total amount for the financial guarantee. This total amount may be spent however the BLM deems necessary to implement the approved reclamation plan and does not represent a reclamation cost limit or constraint.

BLM's review of your proposed operations, determination that your Notice amendment filing is complete, determination that your operations as proposed will not cause unnecessary or undue degradation, and decision concerning the amount of the required financial guarantee does not relieve you, the operator, of your responsibility to be in compliance with all applicable Federal, State and local laws and regulations, and to obtain all applicable Federal, State and local authorizations and permits.

You are responsible for preventing any unnecessary or undue degradation of public lands and resources, and for reclaiming all lands disturbed by your operations.

Required Financial Guarantee – Idaho General Mines currently has a bond of \$24,562.00 for the Mount Hope Project, which is **\$2,794.00** less than the amended cost estimate.

A financial guarantee in the amount of **\$2,794.00** must be filed and accepted by the Bureau of Land Management, Branch of Minerals Adjudication, P.O. Box 12000, Reno, NV 89520-0006. You must receive written notification from that office accepting and obligating your financial guarantee before you may begin any surface disturbing operations above and beyond your original notice proposal.

The types of financial instruments that are acceptable to the BLM are found at 43 CFR 3809.555. Information on the Nevada BLM bonding process and bond contract forms is enclosed with this letter. Please contact the Branch of Minerals Adjudication at 775-861-6599 for further information on the adjudication of financial guarantees.

This decision does not constitute: certification of ownership to any entity named in the Notice; recognition of the validity of any associated mining claims; or recognition of the economic feasibility of the proposed operations.

This decision does not constitute: certification of ownership to any entity named in the Notice; recognition of the validity of any associated mining claims; or recognition of the economic feasibility of the proposed operations.

Term of Notice - Your Notice will remain in effect for 2 years from the date of the original decision, unless you notify this office beforehand that operations have ceased and reclamation is complete. If you wish to conduct operations for another 2 years after the expiration date of your Notice, you must notify this office in writing on or before the expiration date as required by 43 CFR 3809.333.

Cultural Resources - If archaeological sites are damaged you could be assessed fines under the civil provisions of the Archaeological Resources Protection Act (see 43 CFR 7, parts 7.4, 7.14, 7.15 and 7.16). Therefore, it is recommended that you hire an archaeological contractor to do a cultural survey of the project area prior to beginning work. Pursuant 43 CFR 10.4(g) you must notify the authorized officer, Assistant Field Manager, Non Renewable Resources/Field Station Manager, by telephone, with written confirmation, immediately upon the discovery of human remains, funerary items, sacred objects, or objects of cultural patrimony.

Further, pursuant to 43 CFR 10.4(c) and (d), you must stop activities in the immediate vicinity of the discovery and protect it from your activities for 30 days or until notified to proceed by the authorized officer.

Guidelines for Operations Conducted Under a Notice - The attached document provides additional stipulations concerning your notice.

Appeal of the Decision Determining the Required Financial Guarantee Amount - If you do not agree and are adversely affected by this decision, in accordance with 43 CFR 3809.804, you may have the BLM State Director in Nevada review this decision. If you request a State Director review, the request must be received in the BLM Nevada State Office, 1340 Financial Blvd. 89502, P.O. Box 12000, Reno, Nevada 89520-0006, no later than 30 calendar days after you receive this decision. A copy of the request must also be sent to this office. The request must be in accordance with the provisions provided in 43 CFR 3809.805. If a State Director review is requested, this decision will remain in effect while the State Director review is pending, unless a stay is granted by the State Director.

If the Nevada State Director does not make a decision on whether to accept your request for review of this decision within 21 days of receipt of the request, you should consider the request declined and you may appeal this decision to the Interior Board of Land Appeals (IBLA). You then have 30 days in which to file your notice of appeal with the IBLA (see procedures below).

If you wish to bypass the State Director review, this decision may be appealed directly to the Interior Board of Land Appeals, Office of the Secretary, in accordance with the regulations contained in 43 CFR, Part 4 and the enclosed Form 1842-1. If an appeal is taken, your notice of appeal must be filed in this office (Battle Mountain Field Office, 50 Bastian Road, Battle Mountain, Nevada 89820) within 30 days from receipt of this decision. The appellant has the burden of showing that the decision appealed from is in error.


If you wish to file a petition pursuant to regulations 43 CFR 4.21 for a stay of the effectiveness of this decision during the time that your appeal is being reviewed by the Board, the petition for a stay must accompany your notice of appeal. A petition for a stay is required to show sufficient justification based on the standards listed below. Copies of this notice of appeal and petition for a stay must also be submitted to each party named in the decision and to the Interior Board of Land Appeals and to the appropriate Office of the Solicitor (see 43 CFR 4.413) at the same time the original documents are filed with this office. If you request a stay, you have the burden of proof to demonstrate that a stay should be granted.

Standards for Obtaining a Stay

Except as otherwise provided by law or other pertinent regulation, a petition for a stay of a decision pending appeal shall show sufficient justification based on the following standards:

1. The relative harm to the parties if the stay is granted or denied,
2. The likelihood of the appellant's success on the merits,
3. The likelihood of immediate and irreparable harm if the stay is not granted, and
4. Whether the public interest favors granting the stay.

Contact - If you have any questions pertaining to this decision, please contact Sheila Mallory, Geologist at 775-635-4167 or Stephen Drummond, Supervisory Mining Engineer at 775-635-4160 or at the above address.

FOR 
Thomas J. Seley
Assistant Field Manager
Nonrenewable Resources

3 Enclosures

- 1- Guidelines for Operations Conducted Under a Notice (1p)
- 2- Recommended Seed Mix (Wyoming Sagebrush Community) (1p)
- 3- Form 1842-1 (1p)

cc: BLM, Branch of Minerals Adjudication, P.O. Box 12000, Reno, NV 89520-0006



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Nevada State Office
P.O. Box 12000 (1340 Financial Blvd)
Reno, Nevada 89520-0006
<http://www.nv.blm.gov>

RECEIVED
MAIL ROOM



2005 NOV 15 P 12:39

In Reply Refer To:

BUREAU OF LAND MANAGEMENT
BATTLE MOUNTAIN
FIELD OFFICE
NOV 09 2005
TONOPAH
FIELD STATION

3809 (NV923c)
NOV 04 2005

DECISION

Obligor:
Idaho General Mines
10 North Post St., Suite 610
Spokane, WA 99201

:
:
: Bond Amount Submitted: \$30,000
:

Cash Bond Accepted

On November 3, 2005, the BLM Nevada State Office received a personal bond in the amount of \$30,000 with Quincy Energy Ltd., as principal. The bond has been examined and found satisfactory, and is therefore accepted effective November 3, 2005.

The bond will be maintained by this office. Termination of liability under the bond will be permitted only after this office is satisfied that there is no outstanding liability on the bond or satisfactory replacement bond coverage is furnished. The funds will be retained in a suspense account until this office is satisfied that there is no outstanding liability on the bond or until satisfactory replacement bond coverage has been accepted. When the deposit is no longer needed to secure the bond, this office will authorize a refund of the cash deposit.

The bond was submitted for the reclamation on notice-level operations N-80914. The BLM Battle Mountain Field Office has determined the cost of reclamation on BLM serial number N-80914 to be \$14,735. This amount is now obligated to the bond which leaves \$15,265 for future modifications on the notice.

If you have any questions, please call Cindi Dragon at telephone number 775-861-6458, send facsimile to 775-861-6710, electronic mail to cdragon@nv.blm.gov, or write to the attention of NV923c at the letterhead address.

ATANDA CLARK

Atanda Clark
Chief, Branch of Minerals Adjudication

cc: NV036 (SHutcherson)
NV923 (CDragon)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Battle Mountain Field Office
50 Bastian Road
Battle Mountain, Nevada 89820
<http://www.nv.blm.gov>



In Reply Refer To:
NVN-080914(06-1A)
3809
(NV063)

CERTIFIED MAIL: 7004 2890 0001 0858 0125
Return Receipt Requested

James Moore
Idaho General Mines, Inc.
N 10 Post Street, Suite 610
Spokane, WA 99201

A. Hutchinson 11/10/05
AC Hammond 11/10/05

NOV 10 2005

Dear Mr. Moore:

On October 31, 2005, Idaho General Mines, Inc. submitted a Notice Modification for the Mount Hope Mine Project, located within MDB&M., T. 22 N., R. 51E, sections 1, 2, 1-14, 23 and 24; T. 22 N., R. 51 1/2 E., sections 12, 13, 24 and 25; T. 22 N., R. 52 E., sections 1-4, 6, 7-24 and 27-30; T. 23 N., R. 51E., sections 25, 25, and 36; and, T. 23 N., R. 52 E., sections 31, 33, 34 and 35. The Notice Modification has been assigned Bureau of Land Management (BLM) case file number NVN-080914(06-1A).

With the exception of a financial guarantee in place with the BLM Nevada State Office, the information contained within this notice fulfills all of the requirements of 43 CFR §3809 for operations conducted under a Notice. This office considers the reclamation cost estimate of \$22,207.00 sufficient for the addition of 6 monitoring wells, 2 condemnation hole pads, 721 feet of overland travel and the elimination of 1 geohydrology pad and 3,066 feet of access roads. These modifications will decrease the total disturbance from 4.9 to 4.1 acres consisting of 40 test pit pads, 6 monitoring wells, 3 borehole pads, 5 condemnation hole pads, 5 geohydrology pads, 1,591 feet of overland travel and 3,313 feet of roads. The reclamation costs for the original notice equals \$14,735.000 which is \$7,472.00 less than the current bond requirement.

Per a conversation on October 18, 2005 with BLM Cultural Resource Specialist Roberta L. McGonagle, the following stipulations are to be adhered to by Idaho General Mines, Inc. in order to avoid or mitigate impacts to the Pony Express Trail:

1. Test trenches and a single bore hole west of the highway (Nevada State Route 278) will be moved 50 meters away from the Pony Express Trail.
2. Backhoe and truck access will be limited to one pass, as all can be dug, logged and backfilled in one day.

Cultural Resources

It is recommended that prior to any activity the drill sites have an adequate cultural resources survey. If archaeological sites are damaged you could be assessed fines under the civil provisions of the Archaeological Resources Protection Act (see 43 CFR 7, parts 7.4, 7.14, 7.15 and 7.16). Pursuant 43 CFR 10.4(g) you must notify the authorized officer, Assistant Field Manager, Non Renewable Resources Manager, by telephone, with written confirmation, immediately upon the discovery of human remains, funerary items, sacred objects, or objects of cultural patrimony. Further, pursuant to 43 CFR 10.4(c) and (d), you must stop activities in the immediate vicinity of the discovery and protect it from your activities for 30 days or until notified to proceed by the authorized officer.

Shawna Richardson, A BLM Wild Horse and Burro Specialist, made the following comments:

The Mount Hope Mine Project area is within the boundaries of the Whistler Mountain wild horse Herd Management Area (HMA), and horses frequent the Mount Hope area during various times of the year, and use waters available near the existing Mt. Hope Mine. Due to the location of this herd and the nature of the activity, the following precautions must be taken:

1. All gates on the highway right of way fence to Nevada State Route 278 must be kept closed at all times. Earlier this year, 6 horses were able to access the highway in the Mt. Hope area because of an open gate or a broken fence. Wild horses are extremely difficult to direct back into the HMA, and pose significant risk to motorists. Mining personnel must be aware of wild horse locations, keep gates closed, and contact the BLM Wild Horse and Burro Specialist immediately if problems arise.
2. One of the objectives of the Shoshone-Eureka Land Use Plan is to "Maintain or improve wild horse habitat in a condition which enhances or preserves their wild and free roaming behavior." Therefore it is recommended that drilling not be done within 1/4 mile of any water sources.
3. If water is encountered during drilling, please forward this information to the BLM as we have interest in potential development. Development of waters of beneficial use may help mitigate future mining activity.
4. Foaling occurs from March through June, and foals may be born throughout the year. It is imperative that personnel use caution during foaling periods, and avoid spooking groups of wild horses which could result in orphaned or injured foals. If personnel observe potential problems, they should contact the BLM Wild Horse and Burro Specialist immediately. It is against the law to chase or harass wild horses.
5. Mining Personnel are encouraged to contact the BLM Wild Horse and Burro Specialist with wild horse observations or movement.

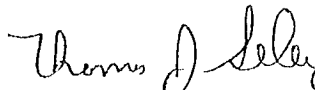
Operations may not commence until Idaho General Mines, Inc. has provided the BLM with an acceptable financial guarantee (43 CFR §3809.312(c), §3809.412, and §3809.555). A financial guarantee must be submitted within 60 days of receipt of this letter. The financial instrument(s) must be submitted to:

Bureau of Land Management
Nevada State Office
Minerals Adjudication Team
P.O. Box 12000 (1340 Financial Blvd)
Reno, NV 89502-006
(775) 861-6400

Once Idaho General Mines, Inc. has provided the BLM with an acceptable financial guarantee, the BLM Nevada State Office will provide Idaho General Mines, Inc. with a Financial Guarantee Accepted Decision and operations may commence.

The Notice will remain in effect for a period of two years from the date of this letter unless extended under 43 CFR §3809.333. Notice-level operations must meet all applicable performance standards of 43 CFR §3809.420 (enclosed). Any modifications to the notice must conform to CFR §3809.330 and §3809.331. When the required reclamation work is complete, submit an as-built map of the project with UTM coordinates of the drill holes. Questions or comments may be directed to Sheila Hutcherson at (775) 635-4017 or Steve Drummond at (775) 635-4160.

Sincerely,



Thomas J. Seley
Assistant Field Manager
Nonrenewable Resources

2 Enclosures

1. Guidelines for Operations Conducted under a Notice (1-p)
2. Recommended Seed Mix (Wyoming Sagebrush Community) (1-p)

cc: Minerals Adjudication Team, BLM Nevada State Office (NV-923)
Val Sawyer, SRK

S:\PUBLIC\nonrenewable\minerals\letters\LETTERS FINALIZED\MOUNT HOPE\Idaho
General _NVN_080914(06-1A)_Mount Hope.doc



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Battle Mountain Field Office
50 Bastian Road
Battle Mountain, Nevada 89820
<http://www.nv.blm.gov>



In Reply Refer To:
3809
NVN-080914
(07-1A)
(NV063)

NOV 15 2006

J. Mallory 11/15/06

CERTIFIED MAIL: 7006 0810 0001 5139 0672
Return Receipt Requested

Robert L. Russell, President and CEO
Idaho General Mines
10 North Post Street, Suite 610
Spokane, WA 99201

Dear Mr. Russell:

On November 9, 2006, the Bureau of Land Management (BLM) Battle Mountain Field Office (BMFO) received copy of the Decision Letter and a check for \$2,794.00 for the reclamation cost estimate for the Mount Hope Project Notice, case file number NVN-080914(07-1A).

The check has been accepted and is being processed. However, be advised BLM BMFO does not adjudicate bond estimates. Adjudication of financial instruments is performed only by the Nevada BLM State Office. Please note that on page 2, paragraph 4 of the Decision Letter that "A financial guarantee in the amount of \$2,794.00 must be filed and accepted by the Bureau of Land Management, Branch of Minerals Adjudication, P.O. 12000, Reno, NV 89520-006." For all future reclamation bonding requirements, send the financial instrument to the address specified to ensure proper processing.

Questions or comments should be directed to Sheila Mallory, Geologist, at (775) 635-4174 or Stephen Drummond, Supervisory Mining Engineer, at (775) 635-4160.

Sincerely,

/s/ Stephen C. Drummond

Thomas J. Seley
Assistant Field Manager
Nonrenewable Resources

cc: Adjudication Branch

SMALLORY:sm:11/15/06:S:\PUBLIC\nonrenewable\minerals\letters\LETTERS
FINALIZED\Mount Hope_NVN_080914(07-1A) Money Letter.doc



United States Department of the Interior
BUREAU OF LAND MANAGEMENT
Nevada State Office
P.O. Box 12000 (1340 Financial Blvd.)
Reno, Nevada 89520-0006
<http://www.nv.blm.gov>



RECEIVED MAILROOM
2006 NOV 20 PM 12:07

BUREAU OF LAND MANAGEMENT
BATTLE MOUNTAIN
FIELD OFFICE

In Reply Refer To:
3809 (NV923z)

NOV 14 2006

DECISION

Principal:	:		
Idaho General Mines	:	BLM Bond Number:	NVB000567
10 North Post St., Suite 610	:	Bond Amount:	\$30,000
Spokane, WA 99201	:		

Obligation Under Bond Increased

Effective November 3, 2005, the BLM Nevada State Office (NSO) accepted a personal bond with Idaho General Mines, Inc., as principal, in the amount of \$30,000. The bond was assigned BLM Bond Number NVB000567.

On October 31, 2006, the BLM Battle Mountain Field Office increased the estimated reclamation costs for notice-level operations number N-80914, Mount Hope Mine, to \$27,356. The increase is based on your October 10, 2006, Notice Amendment to construct 15 test pits, drill eight boreholes, and eliminate 100 feet of road previously proposed.

This decision increases the obligation under BLM Bond Number NVB000567 to \$27,356 for notice-level operations N-80914, Mount Hope Mine. Considering the amount of the bond and the increase in the reclamation cost estimate, there remains \$2,644 available for future increases or additional operations.

If you have any questions, please call Stephanie Porter at 775-861-3536; send facsimile to 775-861-6710; write to the attention of NV923z at the address on the letterhead; or send electronic mail to Stephanie_Porter@blm.gov.

Elaine M. Lewis

FOR Atanda Clark
Chief, Branch of Minerals Adjudication

cc: NV060 (SMallory, SDrummond)
NV923 (CDragon)

Project Name: Mount Hope Drilling- Notice or Exploration
Date of Submittal: December 15, 2006
File Name: drill holes_121506_1_1_1.xls
Model Version: Version 1.1.1 (updated November 9, 2006)
Cost Data: Standardized Data
Cost Data File: cost_data-std-nv2006.xls

Color Code Key	
User Input - Direct Input	Direct Input
User Input - Pull Down List	Pull Down Selection
Standardized Data (imported from data file)	Standardized Data
Program Calculated Value	Locked Cell - Formula or Reference

ZONE ADJUSTMENTS		
Cost Basis/Project Region	Nevada Notice Level	Notice Level Cost Basis for Churchill, Douglas, Elko, Esmeralda, Eureka, Humboldt, Lander, Lyon, Mineral, Pershing, Storey, Washoe, and N 1/2 White Pine Counties
Power Equipment Operators	151 to 300 miles	\$3.00
Truck Drivers	151 to 300 miles	\$3.00
Laborers	151 to 300 miles	\$2.00

INDIRECT COSTS		
FICA/Medicare (%)	7.85%	
Unemployment (%)	3.00%	
Workman's Compensation (%)	10.76%	

HOURLY LABOR RATE TABLE									
EQUIPMENT TYPE ⁽¹⁾ OR JOB DESCRIPTION	Davis-Bacon Group	Base Rate (\$/hr)	Fringe (\$/hr)	Zone Adjustment (\$/hr)	Hourly Wage (\$/hr)	FICA/ Medicare (\$/hr)	Unemploy- ment (\$/hr)	Workman's Comp (\$/hr)	Total (\$/hr)
EQUIPMENT OPERATORS (\$/hr) ⁽²⁾									
Bulldozers									
D6R	Group 8	\$28.93	\$15.20	\$3.00	\$47.13	\$3.61	\$1.41	\$5.07	\$57.22
D7R	Group 8	\$28.93	\$15.20	\$3.00	\$47.13	\$3.61	\$1.41	\$5.07	\$57.22
D8R	Group 8	\$28.93	\$15.20	\$3.00	\$47.13	\$3.61	\$1.41	\$5.07	\$57.22
D9R	Group 8	\$28.93	\$15.20	\$3.00	\$47.13	\$3.61	\$1.41	\$5.07	\$57.22
D10R	Group 8	\$28.93	\$15.20	\$3.00	\$47.13	\$3.61	\$1.41	\$5.07	\$57.22
D11R	Group 8	\$28.93	\$15.20	\$3.00	\$47.13	\$3.61	\$1.41	\$5.07	\$57.22
Motor Graders									
14G/H	Group 8	\$28.93	\$15.20	\$3.00	\$47.13	\$3.61	\$1.41	\$5.07	\$57.22
16G/H	Group 8	\$28.93	\$15.20	\$3.00	\$47.13	\$3.61	\$1.41	\$5.07	\$57.22
Track Excavators									
320C	Group 11	\$30.03	\$15.20	\$3.00	\$48.23	\$3.69	\$1.45	\$5.19	\$58.56
325C	Group 11	\$30.03	\$15.20	\$3.00	\$48.23	\$3.69	\$1.45	\$5.19	\$58.56
345B	Group 11	\$30.03	\$15.20	\$3.00	\$48.23	\$3.69	\$1.45	\$5.19	\$58.56
385BL	Group 11	\$30.03	\$15.20	\$3.00	\$48.23	\$3.69	\$1.45	\$5.19	\$58.56
Scrapers									
631G	Group 8	\$28.93	\$15.20	\$3.00	\$47.13	\$3.61	\$1.41	\$5.07	\$57.22
637G PP	Group 8	\$28.93	\$15.20	\$3.00	\$47.13	\$3.61	\$1.41	\$5.07	\$57.22
Wheeled Loaders									
928G	Group 10	\$29.60	\$15.20	\$3.00	\$47.80	\$3.66	\$1.43	\$5.14	\$58.03
966G	Group 11	\$30.03	\$15.20	\$3.00	\$48.23	\$3.69	\$1.45	\$5.19	\$58.56
972G	Group 11	\$30.03	\$15.20	\$3.00	\$48.23	\$3.69	\$1.45	\$5.19	\$58.56
988G	Group 11	\$30.03	\$15.20	\$3.00	\$48.23	\$3.69	\$1.45	\$5.19	\$58.56
992G	Group 11A	\$31.87	\$15.20	\$3.00	\$49.87	\$3.82	\$1.50	\$5.37	\$60.55
Hydraulic Hammers									
H-120 (fits 325)									
H-160 (fits 345)									
H-180 (fits 365/385)									

Project Name: Mount Hope Drilling- Notice or Exploration
 Date of Submittal: December 15, 2006
 File Name: drill holes_121506_1_1_1.xls
 Model Version: Version 1.1.1 (updated November 9, 2006)
 Cost Data: Standardized Data
 Cost Data File: cost_data-std-nv2006.xls

Color Code Key	
User Input - Direct Input	Direct Input
User Input - Pull Down List	Pull Down Selection
Standardized Data (imported from data file)	Standardized Data
Program Calculated Value	Locked Cell - Formula or Reference

ZONE ADJUSTMENTS

Cost Basis/Project Region	Nevada Notice Level	Notice Level Cost Basis for Churchill, Douglas, Elko, Esmeralda, Eureka, Humboldt, Lander, Lyon, Mineral, Pershing, Storey, Washoe, and N 1/2 White Pine Counties
Power Equipment Operators	151 to 300 miles	\$3.00
Truck Drivers	151 to 300 miles	\$3.00
Laborers	151 to 300 miles	\$2.00

INDIRECT COSTS

FICA/Medicare (%)	7.65%
Unemployment (%)	3.00%
Workman's Compensation (%)	10.76%

Other Equipment	
420D 4WD Backhoe	Group 10A
CS563E Vibratory Roller	Group 8
Light Truck - 1.5 Ton	
Supervisor's Truck	
Air Compressor + tools	Group 2
Welding Equipment	Group 9
Heavy Duty Drill Rig	Group 10
Pump (plugging) Drill Rig	Group 10
Concrete Pump	
Gas Engine Vibrator	Group 6
Generator 5KW	
HDEP Welder (pipe or liner)	
5 Ton Crane Truck	Group 7
25 Ton Crane	Group 7

NOTES:

(1) Equipment Type: Caterpillar model or equivalent

(2) Equipment Operator Source: D-B ENGI0993-003 07/01/2006

(3) Zone Basis: From Washoe Co, Courthouse

TRUCK DRIVERS (\$/hr) ⁽⁴⁾

769D	Truck Driver > 25 yds	\$26.01	\$10.39	\$3.00	\$39.40	\$3.01	\$1.18	\$4.24	\$47.84
777D	Truck Driver > 60 yds	\$22.59	\$10.39	\$3.00	\$35.98	\$2.75	\$1.08	\$3.87	\$43.68
613E (5,000 gal) Water Wagon	Truck > 2,500 gal	\$20.56	\$10.39	\$3.00	\$33.95	\$2.60	\$1.02	\$3.65	\$41.22
621E (8,000 gal) Water Wagon	Truck > 2,500 gal	\$20.56	\$10.39	\$3.00	\$33.95	\$2.60	\$1.02	\$3.65	\$41.22
Dump Truck (10-12 yd ³)	Truck Driver > 8 yds	\$20.56	\$10.39	\$3.00	\$33.95	\$2.60	\$1.02	\$3.65	\$41.22

NOTES:

(4) Truck Driver Source: D-B TEAM0633-001 07/01/2004

(5) Zone Basis: From Washoe Co, Courthouse

LABORERS (\$/hr) ^(6,7)

General Laborer	Group 1	\$21.25	\$6.87	\$2.00	\$30.12	\$2.30	\$0.90	\$3.24	\$36.57
Skilled Laborer	Group 4	\$21.75	\$6.87	\$2.00	\$30.62	\$2.34	\$0.92	\$3.29	\$37.18
Driller's Helper	Group 3	\$21.50	\$6.87	\$2.00	\$30.37	\$2.32	\$0.91	\$3.27	\$36.87
Rodmen (reinforcing concrete)	Group 2	\$21.35	\$6.87	\$2.00	\$30.22	\$2.31	\$0.91	\$3.25	\$36.69
Cement finisher	Group 3	\$21.50	\$6.87	\$2.00	\$30.37	\$2.32	\$0.91	\$3.27	\$36.87
Carpenter		\$25.63	\$6.87	\$2.00	\$34.50	\$2.64	\$1.04	\$3.71	\$41.89

NOTES:

(6) Laborer Source: D-B LAB00189-003 8/22/2006

(7) Carpenter Source: D-B CARP0971-003 07/01/2004

(8) Zone Basis: From Washoe Co, Courthouse

Project Name: Mount Hope Drilling- Notice or Exploration
Date of Submittal: December 15, 2006
File Name: drill holes_121506_1_1_1.xls
Model Version: Version 1.1.1 (updated November 9, 2006)
Cost Data: Standardized Data
Cost Data File: cost_data-std-nv2006.xls

Color Code Key	
User Input - Direct Input	<i>Direct Input</i>
User Input - Pull Down List	Pull Down Selection
Standardized Data (imported from data file)	Standardized Data
Program Calculated Value	Locked Cell - Formula or Reference

ZONE ADJUSTMENTS

Cost Basis/Project Region	Nevada Notice Level	Notice Level Cost Basis for Churchill, Douglas, Elko, Esmeralda, Eureka, Humboldt, Lander, Lyon, Mineral, Pershing, Storey, Washoe, and N 1/2 White Pine Counties	
Power Equipment Operators	151 to 300 miles	\$3.00	
Truck Drivers	151 to 300 miles	\$3.00	
Laborers	151 to 300 miles	\$2.00	

INDIRECT COSTS

FICA/Medicare (%)	7.85%
Unemployment (%)	3.00%
Workman's Compensation (%)	10.78%

PROJECT MANAGEMENT AND TECHNICAL LABOR (\$/hr) ⁽⁹⁾

[illegible]

NOTES:

(9) Project Manager:	R.S.Means 2006 (01300-700-0200 Total Inc
(9) Foreman Source:	R.S.Means 2006 (01300-700-0280 Total Inc
(9) Technical Labor Source:	SRK Consulting (Total Inc. O&P-10%)

Nevada Standardized Bond Calculation Equipment Costs

Project Name: Mount Hope Drilling- Notice or Exploration

Date of Submittal: December 15, 2006

File Name: drill holes_121506_1_1_1.xls

Model Version: Version 1.1.1 (updated November 9, 2006)

Cost Data: Standardized Data

Cost Data File: cost_data-std-nv2006.xls

Monthly Rental Basis: 40 hrs month

EQUIPMENT RENTAL RATE TABLE				
EQUIPMENT TYPE ⁽¹⁾	Monthly Rental Rate	Equipment Hourly Rate	Fuel/Lube/Wear	Total Rate
Bulldozers				
D6R	\$3,355	\$83.88	\$20.91	\$104.78
D7R	\$4,540	\$113.50	\$27.00	\$140.50
D8R	\$5,570	\$139.25	\$34.21	\$173.46
D9R	\$7,585	\$189.63	\$49.52	\$239.15
D10R	\$9,130	\$228.25	\$62.82	\$291.07
D11R	N/A	\$0.00	\$93.59	\$93.59
Motor Graders				
14G/H	\$4,235	\$105.88	\$35.33	\$141.21
16G/H	\$6,490	\$162.25	\$44.33	\$206.58
Track Excavators				
320C	\$2,215	\$55.38	\$18.32	\$73.69
325C	\$2,865	\$71.63	\$23.38	\$95.00
345B	\$4,485	\$112.13	\$34.99	\$147.11
385BL	\$7,780	\$194.50	\$56.31	\$250.81
Scrapers				
631G	\$8,830	\$220.75	\$58.26	\$279.01
637G PP	N/A	\$0.00	\$83.23	\$83.23
Wheeled Loaders				
928G	\$1,755	\$43.88	\$18.24	\$62.12
966G	\$4,285	\$107.13	\$31.26	\$138.39
972G	\$4,285	\$107.13	\$33.34	\$140.46
988G	\$6,655	\$166.38	\$53.61	\$219.98
992G	N/A	\$0.00	\$109.42	\$109.42
Hydraulic Hammers				
H-120 (fits 325)	\$1,800	\$40.00	\$3.90	\$43.90
H-160 (fits 345)	\$2,300	\$57.50	\$7.68	\$65.18
H-180 (fits 365/385)	\$2,750	\$68.75	\$9.12	\$77.87
Other Equipment				
420D 4WD Backhoe	\$1,255	\$31.38	\$13.60	\$44.97
CS563E Vibratory Roller	\$2,098	\$52.40	\$8.44	\$60.84
Light Truck - 1.5 Ton	\$170	\$4.25	\$2.41	\$6.66
Supervisor's Truck	\$190	\$4.75	\$2.41	\$7.16
Air Compressor + tools	\$738	\$18.40	\$0.00	\$18.40
Welding Equipment	\$448	\$11.15	\$0.00	\$11.15
Heavy Duty Drill Rig	\$12,878	\$321.95	\$0.00	\$321.95
Pump (plugging) Drill Rig	\$9,378	\$234.45	\$0.00	\$234.45
Concrete Pump	\$3,503	\$87.58	\$4.82	\$92.40
Gas Engine Vibrator	\$107	\$2.68	\$4.82	\$7.50
Generator 5KW	\$156	\$3.90	\$4.82	\$8.72
HDEF Welder (pipe or liner)	\$1,736	\$43.40	\$0.00	\$43.40
5 Ton Crane Truck	\$1,145	\$28.63	\$7.23	\$35.86
25 Ton Crane	\$3,254	\$81.35	\$7.23	\$88.58
Trucks				
769D	N/A	\$0.00	\$34.96	\$34.96
777D	N/A	\$0.00	\$67.13	\$67.13
613E (5,000 gal) Water Wagon	\$3,080	\$77.00	\$32.83	\$109.83
621E (8,000 gal) Water Wagon	\$4,425	\$110.63	\$30.46	\$141.08
Dump Truck (10-12 yd ³)	\$2,383	\$59.58	\$34.96	\$94.54
NOTES:				
(1) Power Equipment Source:	Cashman Equipment Company (Aug 2006) unless noted			
(2) Power Equipment Type:	Caterpillar model or equivalent			
(3) Drilling Equipment Source:	WDC Exploration (Dec 2005) + 25%			
(4) Other Equipment Source:	Means Heavy Construction (2006)			
(5) Drill rig includes support (pipe) truck				

Nevada Standardized Bond Calculation Equipment Costs

Project Name: Mount Hope Drilling- Notice of Exploration

Date of Submittal: December 15, 2006

File Name: drill holes_121506_1_1_1.xls

Model Version: Version 1.1.1 (updated November 9, 2006)

Cost Data: Standardized Data

Cost Data File: cost_data-std-nv2006.xls

FUEL, LOBE AND WEAR CALCULATIONS

EQUIPMENT TYPE	PM Cost Per Hour ⁽¹⁾	Under carriage or Tires ⁽²⁾	G.E.T. Consumption	Fuel Use Rate gal/hr	Cost@ \$2.41/gal	Total Hourly Equipment
Bulldozers						
D6R	\$3.64		\$3.41	5.75	\$13.86	\$20.91
D7R	\$3.86		\$5.06	7.50	\$18.08	\$27.00
D8R	\$4.20		\$8.51	9.75	\$23.50	\$34.21
D9R	\$5.06		\$10.12	14.25	\$34.34	\$49.52
D10R	\$5.31		\$14.13	18.00	\$43.38	\$62.82
D11R	\$7.65		\$22.07	26.50	\$63.87	\$93.59
Motor Graders						
14G/H	\$2.89	\$7.23	\$10.15	6.25	\$15.06	\$35.33
16G/H	\$3.39	\$9.01	\$13.86	7.50	\$18.08	\$44.33
Track Excavators						
320C	\$3.41		\$3.10	4.90	\$11.81	\$18.32
325C	\$3.54		\$3.93	6.60	\$15.91	\$23.38
345B	\$4.51		\$4.93	10.60	\$25.55	\$34.99
385 BL	\$5.14		\$8.99	17.50	\$42.18	\$56.31
Scrapers						
631G	\$4.98	\$11.54	\$5.61	15.00	\$36.15	\$58.26
637G PP	\$7.42	\$11.54	\$7.03	23.75	\$57.24	\$83.23
Wheeled Loaders						
928G	\$3.15	\$3.62	\$3.04	3.50	\$8.44	\$18.24
966G	\$3.44	\$6.87	\$7.10	5.75	\$13.86	\$31.26
972G	\$3.62	\$6.87	\$7.79	6.25	\$15.06	\$33.34
988G	\$5.71	\$10.57	\$9.61	11.50	\$27.72	\$53.61
992G	\$8.86	\$22.40	\$22.73	23.00	\$55.43	\$109.42
Hydraulic Hammers						
H-120 (fits 325)	N/A		\$3.90		\$0.00	\$3.90
H-160 (fits 345)	N/A		\$7.68		\$0.00	\$7.68
H-180 (fits 365/385)	N/A		\$9.12		\$0.00	\$9.12
Other Equipment						
420D 4WD Backhoe	\$2.36	\$1.61	\$2.40	3.00	\$7.23	\$13.60
CS563E Vibratory Roller			N/A	3.50	\$8.44	\$8.44
Light Truck - 1.5 Ton	N/A		N/A	1.00	\$2.41	\$2.41
Supervisor's Truck	N/A		N/A	1.00	\$2.41	\$2.41
Air Compressor + tools	N/A		N/A		\$0.00	\$0.00
Welding Equipment	N/A	\$0.00	N/A		\$0.00	\$0.00
Heavy Duty Drill Rig	N/A		N/A		\$0.00	\$0.00
Pump (plugging) Drill Rig	N/A		N/A		\$0.00	\$0.00
Concrete Pump	N/A		N/A	2.00	\$4.82	\$4.82
Gas Engine Vibrator	N/A		N/A	2.00	\$4.82	\$4.82
Generator 5KW	N/A	\$0.00	N/A	2.00	\$4.82	\$4.82
HDEP Welder (pipe or liner)	N/A	\$0.00	N/A		\$0.00	\$0.00
5 Ton Crane Truck			N/A	3.00	\$7.23	\$7.23
25 Ton Crane			N/A	3.00	\$7.23	\$7.23
Trucks						
769D	\$5.09	\$5.35	\$2.23	9.25	\$22.29	\$34.96
777D	\$8.25	\$14.93	\$2.88	17.00	\$40.97	\$67.13
613E (5,000 gal) Water Wagon	\$3.42	\$3.50	N/A	10.75	\$25.91	\$32.83
621E (8,000 gal) Water Wagon	\$4.34	\$3.83	N/A	9.25	\$22.29	\$30.46
Dump Truck (10-12 yd3)	\$5.09	\$5.35	\$2.23	9.25	\$22.29	\$34.96
Notes: (1) PM Source: August 2006 Cashman Equipment Rental Rate, Elko, NV (except as noted) (2) Undercarriage Source: D&D Tire, Inc. 08/07/2006 (3) G.E.T. Source: CAT Historical Data (4) Fuel Use Source: Caterpillar Handbook, Edition 35, Ch. 20; or estimated average for smaller vehicles						

Nevada Standardized Bond Calculation Equipment Costs

Project Name: Mount Hope Drilling- Notice or Exploration

Date of Submittal: December 15, 2006

File Name: drill_holes_121506_1_1_1.xls

Model Version: Version 1.1.1 (updated November 9, 2006)

Cost Data: Standardized Data

Cost Data File: cost_data-std-nv2006.xls

TIRE COST TABLES

Equipment	Tire Size	# of Tires Per	Cost	Tire Cos ¹	Life	Tire Cost per
Bulldozers						
D6R			N/A			
D7R			N/A			
D8R			N/A			
D9R			N/A			
D10R			N/A			
D11R			N/A			
Motor Graders						
14G/H	20.5R25	6	\$4,218.82	\$25,312.92	3,500	\$7.23
18G/H	23.5R25	6	\$5,255.32	\$31,531.92	3,500	\$9.01
Track Excavators						
320C			N/A			
325C			N/A			
345B			N/A			
385 BL			N/A			
Scrapers						
631G	37.25R35	4	\$11,540.84	\$46,162.56	4,000	\$11.54
637G PP	37.25R35	4	\$11,540.84	\$46,162.56	4,000	\$11.54
Wheeled Loaders						
928G	17.5R25	4	\$4,067.96	\$16,271.84	4,500	\$3.62
966G	26.5R25	4	\$7,724.97	\$30,899.88	4,500	\$6.87
972G	26.5R25	4	\$7,724.97	\$30,899.88	4,500	\$6.87
988G	35/65-33	4	\$11,894.37	\$47,577.48	4,500	\$10.57
992G	45/65R45	4	\$25,201.09	\$100,804.36	4,500	\$22.40
Hydraulic Hammers						
H-120 (fits 325)			N/A			
H-160 (fits 345)			N/A			
H-180 (fits 365/385)			N/A			
Other Equipment						
420D 4WD Backhoe	340/80R18-195LR24	2 + 2	\$2,414.34	\$4,828.68	3,000	\$1.61
CS563E Vibratory Roller			N/A			
Light Truck - 1.5 Ton			N/A			
Supervisor's Truck			N/A			
Air Compressor + tools			N/A			
Welding Equipment						
Heavy Duty Drill Rig			N/A			
Pump (plugging) Drill Rig			N/A			
Concrete Pump			N/A			
Gas Engine Vibrator			N/A			
Generator 5KW			N/A			
HDEP Welder (pipe or liner)			N/A			
5 Ton Crane Truck			N/A			
25 Ton Crane			N/A			
Trucks						
769D	18.00R33	6	\$5,350.26	\$32,101.56	6,000	\$5.35
777D	27.00R49	6	\$12,445.79	\$74,674.74	5,000	\$14.93
613E (5,000 gal) Water Wagon	23.5R25	4	\$5,258.82	\$21,026.48	6,000	\$3.50
621E (8,000 gal) Water Wagon	33.25R29	4	\$7,652.14	\$30,608.56	8,000	\$3.83
Dump Truck (10-12 yd3)		6	\$5,350.26	\$32,101.56	6,000	\$5.35
Notes:						
(1) Unit Cost Basis: Cost per set						
(2) Cost Basis: Total cost for all required tires.						
(3) Tire Cost Source: D&D Tire, Inc. 08/07/2006						
(4) Tire Wear Source: Caterpillar Handbook, Edition 35; Ch. 20						

Bond Calculation

Material Costs

Project Name: Mount Hope Drilling- Notice or Exploration

Date of Submittal: December 15, 2006

File Name: drill holes 121506 1 1 1.xls

Model Version: Version 1.1.1 (updated November 9, 2006)

Cost Data: Standardized Data

Cost Data File: cost_data-std-nv2006.xls

[illegible]

Bond Calculation Material Costs

Project Name: Mount Hope Drilling- Notice or Exploration

Date of Submittal: December 15, 2006

File Name: drill holes_121506_1_1_1.xls

Model Version: Version 1.1.1 (updated November 9, 2006)

Cost Data: Standardized Data

Cost Data File: cost_data-std-nv2006.xls

Notes:	
--------	--

Well Abandonment Materials		
Description	Units	Cost/unit
Cement	cy	\$270.00
Grout (Low Grade Bentonite)	cy	\$55.00
Inert Material/Cuttings	cy	\$0.00
(1) Intermountain Piping Systems quote (10/12/06) Type I,II Cement at		
(2) Intermountain Piping Systems quote (10/12/06) Abandonite grout at		

Monitoring Costs		
Description	Units	Cost/unit
Monitor Well Pump	ea.	\$2,140.00
Sampling Supplies	ea.	\$5.00
Water Analysis (Profile I) (1)	ea.	\$300.00
Leach Test (MWMP) w/ analysis	ea.	\$370.00
ABA + S speciation	ea.	
WAD Cyanide in water	ea.	
Water Analysis (Profile II) (1)	ea.	

Nevada Standardized Bond Calculation Misc. Unit Costs

Project Name: Mount Hope Drilling- Notice of Exploration
Date of Submittal: December 16, 2006
File Name: drill holes_121506_1_1.xls
Model Version: Version 1.1.1 (updated November 9, 2006)
Cost Data: Standardized Data
Cost Data File: cost_data-std-nv2006.xls

Color Code Key	Direct Input
User Input - Direct Input	Pull Down Selection
User Input - Pull Down List	Standardized Data
Standardized Data (imported from data file)	Locked Cell - Formula or Reference
Program Calculated Value	

Revegetation									
Means Number	Unit	Crew	Output	Materials	Labor	Equipment	Premium	Total	Notes
Seeding - Broadcast Mechanical (1)	acres		365		\$75.50	\$84.00		\$159.50	
Seeding - Hydroseeding (1)	acres		365					\$0.00	
Shrub Planting - bare root 6-10 in (15-25cm) (2)	ea.	1 Clab	365		\$0.86	\$0.00		\$0.86	
Tree Planting - bare root 1-1/2 in (27-40cm) (3)	ea.	1 Clab	260		\$1.13	\$0.00		\$1.13	
Tree Planting (4)	ea.	1 Clab						\$0.00	
NOTES:									
(1) Seeding Source: (B) Broadcast (August 2009)									
(2) Shrub Source:									
(3) Tree Source:									
(4) Cactus Source:									
Building and Wall Demolition									
Hourly productivity rate and crew composition from Means Heavy Construction 2005 Edition by permission of R.S. Means/Read Construction Data.									
All equipment, labor and material unit costs are from Labor Costs, Equipment Costs and Material Costs spreadsheets									
Means Number	Unit	Crew	Output	Materials	Labor	Equipment	Premium	Total	Notes
Building Demolition									
02220-110-0312	Lg. steel	B-3	21500		\$0.13	\$0.12		\$0.25	
02220-110-0350	Lg. concrete	B-3	13500		\$0.16	\$0.13		\$0.29	
02220-110-0380	Lg. masonry	B-3	20100		\$0.13	\$0.12		\$0.25	
02220-110-0700	Lg. mixed	B-3	20100		\$0.13	\$0.12		\$0.25	
02220-110-0500	Sm. steel	B-3	14600		\$0.13	\$0.12		\$0.25	
02220-110-0600	Sm. concrete	B-3	11300		\$0.20	\$0.18		\$0.38	
02220-110-0650	Sm. masonry	B-3	14600		\$0.13	\$0.14		\$0.27	
02220-110-0700	Sm. wood	B-3	14600		\$0.13	\$0.14		\$0.27	
Wall Demolition									
02220-130-2000	Block 4 in (10 cm) thick	S.F.	180		\$1.83	\$0.00	20%	\$1.96	assumes vertical reinforcing rods included (20% premium)
02220-130-2040	Block 6 in (15 cm) thick	S.F.	170		\$1.72	\$0.00	20%	\$1.92	assumes vertical reinforcing rods included (20% premium)
02220-130-2080	Block 8 in (20 cm) thick	S.F.	150		\$1.95	\$0.00	20%	\$2.14	assumes vertical reinforcing rods included (20% premium)
02220-130-2100	Block 12 in (30 cm) thick	S.F.	150		\$1.95	\$0.00	20%	\$2.14	assumes vertical reinforcing rods included (20% premium)
02220-130-2400	Cone 6 in (15 cm) thick	S.F.	160		\$10.63	\$1.28	10%	\$13.10	assumes average reinforcing (10% premium)
02220-130-2420	Cone 8 in (20 cm) thick	S.F.	140		\$12.14	\$1.48	10%	\$14.96	assumes average reinforcing (10% premium)
02220-130-2440	Cone 10 in (25 cm) thick	S.F.	120		\$14.17	\$1.70	10%	\$17.48	assumes average reinforcing (10% premium)
02220-130-2500	Cone 12 in (30 cm) thick	S.F.	100		\$17.00	\$2.04	10%	\$20.94	assumes average reinforcing (10% premium)

Nevada Standardized Bond Calculation Misc. Unit Costs

Waste Disposal									
Unit rates from Means Heavy Construction, 2006 Edition by permission of R.S.Means/Read Construction Data									
	Means Number	Unit	Crew	Daily Output	Materials	Labor Equipment	Premium	Total	Notes
Rubbish Handling									
Dumpster delivery (average for all sizes)	02220-350-0810	ea.			\$50.00			\$50.00	
Haul (average for all sizes)	02220-350-0820	ea.			\$150.00			\$150.00	
Rent per month (average for all sizes)	02220-350-0840	ea.			\$45.00			\$45.00	
Disposal fee per ton (tonne) (average for all sizes)	02220-350-0950	ton			\$40.00			\$40.00	
NOTES:									
Dumpster Cost Source									
2008 Means Heavy Construction									
Hazardous Material Handling - Solids									
Pickup fees 55 gal. drums	02110-300-1100	ea.			\$220.00			\$220.00	
Bulk material (average)	02110-300-1200/230	ton			\$357.50			\$357.50	
Transport - truck load (60 drums, 25 cy (m3), 18 tons)	02110-300-1260/270	mile			\$3.45			\$3.45	
Dump site solid disposal fee	02110-300-4000/6020	ton			\$275.00			\$275.00	
NOTES:									
Solid Handling Cost Source									
2008 Means Heavy Construction									
Hazardous Material Handling - Liquids									
Vacuum Truck Pickup (2200 gal)	02110-300-3110	hr.			\$110.00			\$110.00	
Vacuum Truck Pickup (5000 gal)	02110-300-3120	hr.			\$110.00			\$110.00	
Dump site liquid disposal fee	02110-300-4000/6020	ton			\$275.00			\$275.00	
NOTES:									
Liquid Handling Cost Source									
2008 Means Heavy Construction									
Hydrocarbon Contaminated Solids (HCS)									
Liquid Handling Cost Source									
2008 Means Heavy Construction									
HCS disposal fee	02115-200-2020/2021	C.Y.			\$13.98			\$13.98	
HCS disposal fee	02115-200-2050/2055	C.Y.			\$100.50			\$100.50	
NOTES:									
HCS Treatment Cost Source									
2008 Means Heavy Construction									
Hydrocarbon Contaminated Solids (HCS)									
Liquid Handling Cost Source									
2008 Means Heavy Construction									

Concrete Structure Installation									
Hourly dumpster rental rates from Means Heavy Construction 2005 Edition with permission by R.S.Means/Read Construction Data. Hourly dumpster rental rates include haul to off-site disposal site and disposal fees									
Means Number	Unit	Crew	Daily Output	Materials	Labor	Equipment	Premium	Total	Notes
Reinforced Concrete Bulkheads and Shaft Covers									
03310-240-4300	C-Y	C-14D	80.02	\$132.00	\$105.96	\$10.70		\$248.66	includes reinforcing
03310-240-4350	C-Y	C-14D	28.2	\$140.00	\$323.62	\$32.69		\$496.31	includes reinforcing
03310-240-2700	C-Y	C-14B	20.59	\$245.00	\$402.08	\$41.60		\$708.68	includes reinforcing
03310-240-2750	C-Y	C-14B	28.36	\$225.00	\$306.44	\$30.20		\$561.64	includes reinforcing
Bat Gate/Foam Plug Installation									
Bat Gate (5)	ea.		0.5	\$200.00	\$2,615.00	\$359.20			materials \$/ea. installed
Current Gate (5)	ea.		1	\$4,400.00	\$1,890.00	\$627.00			materials \$/ea. installed
Adult Foam Plug (6)	ea./C.Y.		0.5	\$270.00	\$2,628.00	\$1,032.80			materials \$/ea. placed
Production Opening Foam Plug (6)	ea./C.Y.		0.5	\$260.00	\$2,528.00	\$1,032.80			materials \$/ea. placed
NOTES: (5) Bat Gate Source: (6) Foam Plug Source: NV BLM, 2/20/06: 8 hr. • the mob/mob • 1 hr. setup per gate NV BLM, 2/20/06: 8 hr. • the mob/mob • 1 hr. setup per gate; 18 hr. per production opening									
Misc. Linear Projects									
Hourly productivity rates and crew composition from Means Heavy Construction 2005 Edition with permission by R.S.Means/Read Construction Data. All equipment, labor and material unit costs are from Labor Costs, Equipment Costs and Material Costs spreadsheets									
Means Number	Unit	Crew	Daily Output	Materials	Labor	Equipment	Premium	Total	Notes
Fencing Installation									
02820-170-1650	L.F.	B-80A	760	\$2.33	\$1.15	\$0.07		\$1.55	
Barbed 4-strand	L.F.	B-80A	570	\$2.44	\$1.54	\$0.09		\$2.07	
Barbed 4-strand	L.F.	B-80A	456	\$2.55	\$1.42	\$0.12		\$2.50	
Chain link 4-10 ft (2.5-3 m) install	L.F.	B-80C	180	\$31.00	\$4.86	\$0.30		\$36.16	
02820-130-0920	L.F.	B-80C	150	\$1.00	\$1.85	\$0.38		\$3.23	
Wood roadside fence 6 ft (2 m) high - install	L.F.	B-80A	150					\$0.21	
user	L.F.							\$0.00	
user	L.F.							\$0.00	
user	L.F.							\$0.00	
02220-220-1600	L.F.	2 Club	430		\$1.36	\$0.12		\$1.48	
Barbed 4-strand Removal	L.F.	2 Club	355		\$1.65	\$0.15		\$1.80	
02220-220-1650	L.F.	2 Club	280		\$2.09	\$0.18		\$2.28	
Chain link 4-10 ft (2.5-3 m) Removal	L.F.	B-8	445		\$2.36	\$1.12		\$3.48	
Wood, all types 4-6 ft (1.5-2 m) high - Removal	L.F.	2 Club	430		\$1.36	\$0.12		\$1.48	
user	L.F.							\$0.00	
user	L.F.							\$0.00	
user	L.F.							\$0.00	
Pipeline and Culvert Removal									
02220-220-2800	L.F.	B-6	175		\$6.00	\$2.84		\$8.84	
12 in (30 cm) Diameter	L.F.	B-6	150		\$7.00	\$3.31		\$10.31	
18 in (45 cm) Diameter	L.F.	B-6	120		\$8.74	\$4.14		\$12.88	
24 in (60 cm) Diameter	L.F.	B-6	90		\$11.66	\$5.52		\$17.18	
36 in (91 cm) Diameter	L.F.	B-6	90		\$11.66	\$5.52		\$17.18	
Pipe and Drainage Installation									
03510-760-0100	L.F.	B-22A	400	\$80.00	\$4.69	\$2.04		\$86.70	
Water 4in (10cm) 40ft (12m) length, welded flange	L.F.	B-22A	380	\$130.00	\$4.91	\$2.14		\$137.05	
Water 6in (15cm) 40ft (12m) length, welded flange	L.F.	B-22A	315	\$170.00	\$6.88	\$3.			

Nevada Standardized Bond Calculation Misc. Unit Costs

Powerline and Transformer Removal									
Single Pole									\$12,500.00
Double Pole									\$17,500.00
Transformer (0)									\$15,000.00
NOTES: (7) Single Pole Source: Sierra Pacific Power Company estimate (2000) (8) Double Pole Source: Sierra Pacific Power Company estimate (2000) (9) Transformer Source: Sierra Pacific Power Company estimate (2000)									
Erosion and Sedimentation Control									
Hourly productivity rates and crew composition from Means Heavy Construction 2005 Edition by permission of R.S. Means/Read Construction Data. All equipment, labor and material unit costs are from Labor Costs, Equipment Costs and Material Costs spreadsheets									
Rip-Rap & Rock Lining									
Rip-Rap 3/4 to 1 1/4 C.Y. pieces, ground	02370-450-0110	S.V.	B-13	60	\$33.65	\$26.90	\$9.57	\$70.12	assumes on-site source of rip-rap
Rip-Rap 1 1/2 in min thick, no gravel	02370-450-0200	S.V.	B-13	53	\$40.61	\$14.45	\$55.06	assumes on-site source of rip-rap	
Gabions, 6 in (15 cm) deep	02370-450-0400	S.V.	B-13	200	\$11.82	\$10.76	\$3.43	\$26.51	assumes on-site source rock fill for gabions
Gabions, 12 in (30 cm) deep	02370-450-0200	S.V.	B-13	153	\$17.43	\$14.07	\$5.01	\$36.51	assumes on-site source rock fill for gabions
Gabions, 18 in (45 cm) deep	02370-450-0200	S.V.	B-13	102	\$19.65	\$21.10	\$7.51	\$49.26	assumes on-site source rock fill for gabions
Gabions, 36 in (1m) deep	02370-450-0200	S.V.	B-13	60	\$28.80	\$35.87	\$12.77	\$77.44	assumes on-site source rock fill for gabions
HDEP Liner Installation									
First grading large area	2310-100-0100	S.F.	B-11L	2,000		\$0.38	\$0.58	\$0.94	
Compaction - riding, vibrating roller - 12' lift	2315-310-0900	S.F.	B-10T	3,500	\$9.58	\$0.21	\$0.14	\$0.35	
60 mil HDPE	2880-610-1200	S.F.	3 Skirt	1,600	\$0.58	\$0.83	\$0.44	\$1.87	
TOTAL					\$0.58	\$1.44	\$1.14	\$3.16	
Construction Management Support									
Office Trailer, furnished, no hook-ups	0150-500-0250	mo			\$187.00			\$187.00	
Total Portable, chemical	1590-400-8410	mo			\$182.00			\$182.00	
TOTAL					\$379.00	\$0.00	\$0.00	\$379.00	
Pump and Casing Removal									
PUMP REMOVAL									
Pump Type	Measurement	Unit				Labor	Equipment	Premium	Total
Submersible	ft to pump	L.F.				\$2.38	\$5.14		\$7.50
Line Shaft	ft to pump	L.F.				\$5.51	\$11.89		\$17.50
NOTES: (10) Pump Removal Source: WDC Exploration (12/2005) * 25%									

**Nevada Standardized Bond Calculation
Fleets (Crews)**

Project Name: Mount Hope Drilling- Notice or Exploration
 Date of Submittal: December 15, 2006
 File Name: drill holes_121506_1_1_1.xls
 Model Version: Version 1.1.1 (updated November 9, 2006)
 Cost Data: Standardized Data
 Cost Data File: cost_data-std-nv2006.xls

EQUIPMENT FLEETS			
Rip road Waste rock dumps, heaps, tails - rip flat surfaces Surface preparation Scarify			
Small Dozer w/ multi-shank			
D7R	\$140.50	\$57.22	\$197.72
Totals	\$140.50	\$57.22	\$197.72
Medium Dozer w/ multi-shank			
D9R	\$239.15	\$57.22	\$296.37
Totals	\$239.15	\$57.22	\$296.37
Large Dozer w/ multi-shank			
D10R	\$291.07	\$57.22	\$348.29
Totals	\$291.07	\$57.22	\$348.29
Grader w/ multi-shank			
16G/H	\$206.58	\$57.22	\$263.80
Totals	\$206.58	\$57.22	\$263.80
Grading storage and structure areas Grading waste rock dumps and heaps Grading landfills Constructing pit safety berms			
Small Dozer Fleet			
D7R	\$140.50	\$57.22	\$197.72
Totals	\$140.50	\$57.22	\$197.72
Medium Dozer Fleet			
D9R	\$239.15	\$57.22	\$296.37
Totals	\$239.15	\$57.22	\$296.37
Large Dozer Fleet			
D10R	\$291.07	\$57.22	\$348.29
Totals	\$291.07	\$57.22	\$348.29
Backfilling and grading exploration trenches Grading flat exploration roads			
Small Dozer Fleet			
D8R	\$104.78	\$57.22	\$162.00
Totals	\$104.78	\$57.22	\$162.00
Medium Dozer Fleet			
D7R	\$140.50	\$57.22	\$197.72
Totals	\$140.50	\$57.22	\$197.72
Large Dozer Fleet			
D8R	\$173.46	\$57.22	\$230.68
Totals	\$173.46	\$57.22	\$230.68
Earthen Berms Diversion ditch backfill Underground openings backfill - excavate and place			

**Nevada Standardized Bond Calculation
Fleets (Crews)**

Project Name: Mount Hope Drilling- Notice or Exploration
 Date of Submittal: December 15, 2006
 File Name: drill holes_121506_1_1_1.xls
 Model Version: Version 1.1.1 (updated November 9, 2006)
 Cost Data: Standardized Data
 Cost Data File: cost_data-std-nv2006.xls

EQUIPMENT FLEETS			
Large Excavator			
386BL		\$250.81	\$58.56
	Totals	\$250.81	\$58.56
Medium Excavator			
346B		\$147.11	\$58.56
	Totals	\$147.11	\$58.56
Small Excavator			
326C		\$95.00	\$58.56
	Totals	\$95.00	\$58.56

**Nevada Standardized Bond Calculation
Fleets (Crews)**

Project Name: Mount Hope Drilling- Notice or Exploration
Date of Submittal: December 15, 2006
File Name: drill holes_121506_1_1_1.xls
Model Version: Version 1.1.1 (updated November 9, 2006)
Cost Data: Standardized Data
Cost Data File: cost_data-std-nv2006.xls

EQUIPMENT FLEETS			
Excavator + Dozer			
Recontour large roads (haul roads, access roads, etc.) Ponds - Excavate and pull liner and bury Excavation and grading for diversion and drainage control			
Large Excavator + Dozer			
386BL	\$250.81	\$58.56	\$309.37
D10R	\$291.07	\$57.22	\$348.29
Totals	\$541.88	\$115.78	\$657.66
Medium Excavator + Dozer			
346B	\$147.11	\$58.56	\$205.67
D6R	\$239.15	\$57.22	\$296.37
Totals	\$386.26	\$115.78	\$502.04
Small Excavator + Dozer			
326C	\$95.00	\$58.56	\$153.56
D7R	\$140.50	\$57.22	\$197.72
Total Equipment	\$235.50	\$115.78	\$351.28
Dozer			
Recontour small roads (exploration roads, service roads, etc.) Cut and Fill reclamation on slopes Drill pad recontour Drill sump backfill			
Small Dozer			
D6R	\$104.78	\$57.22	\$162.00
Totals	\$104.78	\$57.22	\$162.00
Large Dozer			
D6R	\$173.46	\$57.22	\$230.68
Totals	\$173.46	\$57.22	\$230.68
Grader			
14G/H	\$141.21	\$57.22	\$198.43
Totals	\$141.21	\$57.22	\$198.43
Small Excavator			
320C	\$73.69	\$58.56	\$132.25
Totals	\$73.69	\$58.56	\$132.25
Medium Excavator			
326C	\$95.00	\$58.56	\$153.56
Totals	\$95.00	\$58.56	\$153.56

**Nevada Standardized Bond Calculation
Fleets (Crews)**

Project Name: Mount Hope Drilling- Notice or Exploration
Date of Submittal: December 15, 2006
File Name: drill holes_121506_1_1_1.xls
Model Version: Version 1.1.1 (updated November 9, 2006)
Cost Data: Standardized Data
Cost Data File: cost_data-std-nv2006.xls

EQUIPMENT FLEETS

LOAD, Haul and PLACE MATERIAL

Rock placement
Haul overburden for backfill
Haul borrow for backfill
Haul cover or growth media

Large Truck/Loader Fleet

777D	\$67.13	\$43.68	\$110.81
992G	\$109.42	\$60.55	\$169.97
D7R	\$140.50	\$57.22	\$197.72
Totals	\$317.05	\$161.45	\$478.50

Small Truck/Loader Fleet

769D	\$34.96	\$47.84	\$82.80
988G	\$219.88	\$58.56	\$278.54
D7R	\$140.50	\$57.22	\$197.72
Totals	\$395.44	\$163.62	\$559.06

Scraper/Dozer Fleet

631G	\$279.01	\$57.22	\$336.23
D10R	\$291.07	\$57.22	\$348.29
D7R	\$140.50	\$57.22	\$197.72
Totals	\$710.58	\$171.66	\$882.24

Tandem Scraper Fleet

637G PP	\$83.23	\$57.22	\$140.45
D7R	\$140.50	\$57.22	\$197.72
Totals	\$223.73	\$114.44	\$338.17

MISC. LOAD AND HAUL AND EARTHWORKS

Sludge removal
Drainage controls

Misc. - Cat 325B Excavator / 10-12 yd³ Truck

325C	\$95.00	\$58.56	\$153.56
Dump Truck (10-12 yd ³)	\$94.54	\$41.22	\$135.76
Totals	\$189.54	\$99.78	\$289.32

Misc. - Cat D9R Dozer/ Loader (5 yd³) / 10-12 yd³ Truck

D9R	\$239.15	\$57.22	\$296.37
886G	\$138.39	\$58.56	\$196.95
Dump Truck (10-12 yd ³)	\$94.54	\$41.22	\$135.76
Totals	\$472.08	\$157.00	\$629.08

Misc. - Cat D6 Dozer / Cat 966 Loader / 10-12 yd³ Truck

D6R	\$104.78	\$57.22	\$162.00
966G	\$138.39	\$58.56	\$196.95
Dump Truck (10-12 yd ³)	\$94.54	\$41.22	\$135.76
Totals	\$337.71	\$157.00	\$494.71

**Nevada Standardized Bond Calculation
Fleets (Crews)**

Project Name: Mount Hope Drilling- Notice or Exploration
Date of Submittal: December 15, 2006
File Name: drill holes_121506_1_1.xls
Model Version: Version 1.1.1 (updated November 9, 2006)
Cost Data: Standardized Data
Cost Data File: cost_data-std-nv2006.xls

EQUIPMENT FLEETS			
CONCRETE REMOVAL			
Slab demolition Footing demolition Wall demolition			
Small - Cat 325B Excavator w/ H140D s Hammer			
325C	\$95.00	\$58.56	\$153.56
H-120 (fits 325)	\$43.90	\$0.00	\$43.90
D9R	\$239.15	\$57.22	\$296.37
Totals	\$378.05	\$115.78	\$493.83
Medium - Cat 345B Excavator w/ H180D s Hammer			
345B	\$147.11	\$58.56	\$205.67
H-160 (fits 345)	\$65.18	\$0.00	\$65.18
D9R	\$239.15	\$57.22	\$296.37
Totals	\$451.44	\$115.78	\$567.22
Large - Cat 385B Excavator w/ H180D s Hammer			
385BL	\$250.81	\$58.56	\$309.37
H-180 (fits 366/385)	\$77.87	\$0.00	\$77.87
D9R	\$239.15	\$57.22	\$296.37
Totals	\$567.83	\$115.78	\$683.61
DRILL HOLE PREPARATION			
Drill Hole - Grout or Cement			
Pump (plugging) Drill Rig	\$234.45	\$58.03	\$292.48
Driller's Helper	\$0.00	\$36.87	\$36.87
Driller's Helper	\$0.00	\$36.87	\$36.87
Totals	\$234.45	\$131.77	\$366.22
Drill Hole - Inert Media (Means Crew B-11M+ 1 Laborer)			
420D 4WD Backhoe	\$44.97	\$58.26	\$103.23
General Laborer	\$0.00	\$36.57	\$36.57
Totals	\$44.97	\$94.83	\$139.80
Drill Hole - Casing Perforation or Removal			
Heavy Duty Drill Rig	\$321.95	\$58.03	\$379.98
Driller's Helper	\$0.00	\$36.87	\$36.87
Driller's Helper	\$0.00	\$36.87	\$36.87
Totals	\$321.95	\$131.77	\$453.72
Road Grading, Dust Suppression, Clean Up			
Maintenance - Small Water Truck and Cat 14G Grader			
613E (5,000 gal) Water Wagon	\$109.83	\$41.22	\$151.05
14G H	\$141.21	\$57.22	\$198.43
Totals	\$251.04	\$98.44	\$349.48
Maintenance - Large Water Truck and Cat 16G Grader			
621E (6,000 gal) Water Wagon	\$141.08	\$41.22	\$182.30
16G H	\$206.58	\$57.22	\$263.80
Totals	\$347.66	\$98.44	\$446.10
Supervisor's Truck			
Supervisor's Truck	\$7.16	\$0.00	\$7.16
Totals	\$7.16	\$0.00	\$7.16

**Nevada Standardized Bond Calculation
Fleets (Crews)**

Project Name: Mount Hope Drilling- Notice or Exploration
Date of Submittal: December 15, 2006
File Name: drill holes_121506_1_1.xls
Model Version: Version 1.1.1 (updated November 9, 2006)
Cost Data: Standardized Data
Cost Data File: cost_data-std-nv2006.xls

EQUIPMENT FLEETS

Crew composition from Means Heavy Construction 2005 Edition by permission of R.S.Means/Reed Construction Data .
For use with misc. unit costs where Means is the source for productivity

1 Clab - Seedling Planting/Block Wall Demolition

General Laborer	\$0.00	\$36.57	\$36.57
Totals	\$0.00	\$36.57	\$36.57

2 Clab - Barbed Wire/Wood Fence Removal, Corrugated Drainpipe Installation

General Laborer	\$0.00	\$36.57	\$36.57
General Laborer	\$0.00	\$36.57	\$36.57
Light Truck - 1.5 Ton	\$6.66	\$0.00	\$6.66
Totals	\$6.66	\$73.14	\$79.80

2 Clab + Excavator - Pond Liner Cut and Fold

General Laborer	\$0.00	\$36.57	\$36.57
General Laborer	\$0.00	\$36.57	\$36.57
325C	\$95.00	\$58.56	\$153.56
Totals	\$95.00	\$131.70	\$226.70

2 Clab + Welder - Bat Gates

General Laborer	\$0.00	\$36.57	\$36.57
General Laborer	\$0.00	\$36.57	\$36.57
Welding Equipment	\$11.15	\$57.61	\$68.76
Light Truck - 1.5 Ton	\$6.66	\$0.00	\$6.66
Totals	\$17.81	\$130.75	\$148.56

3 Clab - Foam Adlt Plugs

General Laborer	\$0.00	\$36.57	\$36.57
General Laborer	\$0.00	\$36.57	\$36.57
420D 4WD Backhoe	\$44.97	\$58.26	\$103.23
Light Truck - 1.5 Ton	\$6.66	\$0.00	\$6.66
Totals	\$51.63	\$131.40	\$183.03

3 Clab + Welder - Culvert Bat Gate

General Laborer	\$0.00	\$36.57	\$36.57
General Laborer	\$0.00	\$36.57	\$36.57
Welding Equipment	\$11.15	\$57.61	\$68.76
420D 4WD Backhoe	\$44.97	\$58.26	\$103.23
Light Truck - 1.5 Ton	\$6.66	\$0.00	\$6.66
Totals	\$62.78	\$189.01	\$251.79

3 Clab D - 3 Laborers + Foreman

General Laborer	\$0.00	\$36.57	\$36.57
General Laborer	\$0.00	\$36.57	\$36.57
General Laborer	\$0.00	\$36.57	\$36.57
Foreman	\$7.16	\$66.24	\$73.40
Supervisors Truck	\$7.16	\$0.00	\$7.16
Light Truck - 1.5 Ton	\$6.66	\$0.00	\$6.66
Totals	\$20.98	\$175.95	\$196.93

3 SKWK - Liner Installation

Skilled Laborer	\$0.00	\$37.18	\$37.18
Skilled Laborer	\$0.00	\$37.18	\$37.18
Skilled Laborer	\$0.00	\$37.18	\$37.18
HDEP Welder (pipe or liner)	\$43.40	\$0.00	\$43.40
420D 4WD Backhoe	\$44.97	\$58.26	\$103.23
Totals	\$88.37	\$169.80	\$258.17

B-3 - Small Building Demolition

General Laborer	\$0.00	\$36.57	\$36.57
General Laborer	\$0.00	\$36.57	\$36.57

**Nevada Standardized Bond Calculation
Fleets (Crews)**

Project Name: Mount Hope Drilling- Notice or Exploration
 Date of Submittal: December 15, 2006
 File Name: drill holes_121506_1_1_1.xls
 Model Version: Version 1.1.1 (updated November 9, 2006)
 Cost Data: Standardized Data
 Cost Data File: cost_data-std-nv2006.xls

EQUIPMENT FLEETS			
Foreman	\$7.16	\$66.24	\$73.40
928G	\$62.12	\$58.03	\$120.15
Dump Truck (10-12 yd3)	\$94.54	\$41.22	\$135.76
Dump Truck (10-12 yd3)	\$94.54	\$41.22	\$135.76
Totals	\$258.36	\$279.85	\$538.21
B-6 - Chain Link Fence/Pipeline/Culvert Removal			
General Laborer	\$0.00	\$36.57	\$36.57
General Laborer	\$0.00	\$36.57	\$36.57
928G	\$62.12	\$58.03	\$120.15
Totals	\$62.12	\$131.17	\$193.29
B-8 - Large Building Demolition			
General Laborer	\$0.00	\$36.57	\$36.57
General Laborer	\$0.00	\$36.57	\$36.57
Foreman	\$7.16	\$66.24	\$73.40
928G	\$36.97	\$58.03	\$95.00
25 Ton Crane	\$78.03	\$56.50	\$134.53
Dump Truck (10-12 yd3)	\$94.54	\$41.22	\$135.76
Dump Truck (10-12 yd3)	\$94.54	\$41.22	\$135.76
Totals	\$311.24	\$336.35	\$647.59
B-9 - Concrete Wall Demolition			
General Laborer	\$0.00	\$36.57	\$36.57
General Laborer	\$0.00	\$36.57	\$36.57
General Laborer	\$0.00	\$36.57	\$36.57
General Laborer	\$0.00	\$36.57	\$36.57
Foreman	\$7.16	\$66.24	\$73.40
Air Compressor + tools	\$18.40	\$0.00	\$18.40
Totals	\$25.56	\$212.52	\$238.08