FINALIZED MA

STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 110580
Permit No.
Basin 063 pg 1 of 3

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DO NOT WRITE ON BACK

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 63822

1. OWNER NEWMONT MINING CORP
MAILING ADDRESS 6363 S FIDDLER'S GREEN CIRCLE
GREENWOOD VILLAGE, CO 80111

ADDRESS AT WELL LOCATION NEWMONT MIDAS MINE
1001 GOLD STREET, MIDAS, NV 89414
Subdivision Name: County: Elko

2. LOCATION SE ¼ NE ¼ Sec 27 T 39N N/S R 46 E
PERMIT/WAIVER No. NV96107 Issued by Water Resources Parcel No.

Latitude 41.23027 Longitude 116.75877
UTM E N
☐ NAD 27 ☒ NAD 83/WGS 84

3. WORKED PERFORMED
☒ New Well ☐ Replace ☐ Recondition ☐ Deepen ☐ Other

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Test ☐ Municipal/Industrial ☒ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☐ Rotary ☐ RVC ☐ Air ☒ Other SONIC

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
LITHOLOGY LOG ATTACHED				
FIRST WATER 52'				
NAD-27 GPS				
41.230365° N				
116.757832° W				

Date started: 6-Apr, 20 10
Date completed: 7-Apr, 20 10

7. Water Level
Static water level: 50 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: °F
Quality:

8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

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9. WELL CONSTRUCTION
Depth Drilled 101 Feet Depth Cased 100 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
8	Inches	0	Feet	101	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4		SCHD 40 PVC	+2	50

Perforations:
Type of perforation HORIZONTAL PVC SCREEN
Size of perforation .020
From 50 feet to 100 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0 to 10 ☐ Pumped ☒ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 40 to 101 ☐ Pumped ☒ Poured
Type: SRI #8
Bentonite Chips: ☒ Yes ☐ No 10 to 40 ☐ Pumped ☒ Poured
Type: 3/8" BENTONITE HOLE PLUG

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name BOART LONGYEAR E&I (Contractor)
Address 3894 RAILROAD AVE. (Contractor)
YUBA CITY, CA 95991
Nevada contractor's license number issued by the *State Contractor's Board* 0021976
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 2234
Signed (By driller performing actual drilling on site or contractor)
Date 4/27/2010

(Rev. 05-06) USE ADDITIONAL SHEETS IF NECESSARY PLO

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Newmont Mining Corporation Drill Log
Hole: MMW-00022, Project: KSMX

MMW-00022 (0.0-75.3)

Easting:	474899.00	**Azimuth:**	0.0	**Started:**	22-Mar-2010
Northing:	2359571.00	**Inclination:**	-90.0	**Date Logged:**	23-Apr-2010
Elevation:	5463.00	**Hole Type:**		**Logged by:**	Derrick Unger
Td:	100.00	**Diameter:**		**Signature:**	

[redacted]

Geotech				Assay		Lithology		Met		Alteration			Vein			Structure					Graphi	Descriptive
Recovery	Length	Len > 4 in	RQD	AUPREF_KSM	AGPREF_KSM	Rock Type	Formation	FeOx	Sulfides	Propylitic	Argillic	Silicification	Calcite	Quartz	Naumannite	Fault	Breccia	Gouge	Shearing	Fracture	Graphic	Comments
80%				0 2	0 2	col	Qal															(0.0-7.0) Qal clay grades to colluvium with silicified Tess
60%						+ + md	[redacted]															(7.0-17.0) Mafic with hematite staining, fine grained white phenos in gray matrix
50%																						(17.0-27.0) Mafic with fine grained white phenos as above, becomes finer grained toward bottom (chill margin?)
90%																						(27.0-37.0) Tep3? Very strongly clay weathered, textures completely destroyed, minor lithics
90%						lit																(37.0-47.0) Tep3? textures faint, fine grain lapilli and black phenos
90%																						(47.0-55.0) Tep3? textures faint, fine grained lapilli tuff with some lithics
						md+																(55.0-57.0) Mafic, fine grained white phenos, bleached tan
100%						AMB																(57.0-67.0) Mafic, has look of Esmeralda amygdulodial tuff, contains clasts or amygdules
70%				0 2	0 2	MS																(67.0-100.0) Gabbro, medium grained, abundant calcite stringers 5-10/ft with hematite staining, local gouge

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Newmont Mining Corporation Drill Log

Hole: MMW-00022, Project: KSMX

MMW-00022 (75.3-100.0)

	Geotech				Assay		Lithology		Met	Alteration			Vein			Structure					Graphi	Descriptive
	Recovery	Length	Len > 4 in	RQD	AUPREF_KSM	AGPREF_KSM	Rock Type	Formation	FeOx	Sulfides	Propylitic	Argillic	Silicification	Calcite	Quartz	Naumannite	Fault	Breccia	Gouge	Shearing	Fracture	Graphic	Comments
80–90	70%				0 2	0 2	MS		FeOx			3d											(67.0-100.0) Gabbro, medium grained, abundant calcite stringers 5-10/ft with hematite staining, local gouge
90–100	70%																						
	100%											1d											
110–150																							

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