

Permit # 77442T-44T, 77447-9, 77515
 STATE OF NEVADA
 DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

OFFICE USE ONLY
 Log No. 107639
 Permit No. 153
 Basin

PRINT OR TYPE ONLY
 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. 61050

1. OWNER Homestake Mining Company ADDRESS AT WELL LOCATION Ruby Hill
 MAILING ADDRESS Po Box 676 Hole #PW-7
 SW NW Eureka, NV 89316
 Subdivision Name: County: Eureka

2. LOCATION 1/4 Sec 11 T 19N N/S R 53 E Latitude 39.531700 UTM E 587993 NAD 27
 PERMIT/WAIVER No. W-635 Longitude 115.926144 N 4376074 NAD 83/WGS 84

Issued by Water Resources Parcel No.

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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Gravel		0	660	660
Brown Limestone		660	800	140
Gray/Black Limestone	x	800	1050	250
Brown Limestone w/Clay		1050	1120	70
Gray/Brown Limestone	x	1120	1500	380
Brown Limestone w/Clay		1500	1660	160
Brown Limestone	x	1660	1700	40

9. WELL CONSTRUCTION

Depth Drilled 1700 Feet Depth Cased 1700 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
24 inches	0	60
18 inches	60	940
17 1/2 inches	940	1700

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
20	78	.375	0	60
12	49	.375	0	1700

Perforations:

Type of perforation Slotted
 Size of perforation 0.25

From 1660 feet to 1700 feet
 From 840 feet to 1540 feet

Annular Seal: Yes No

Neat Cement 0 to 60 Pumped Poured
 Cement Grout to Pumped Poured
 Concrete Grout to Pumped Poured
 ≥30% Bentonite Grout to Pumped Poured

Gravel Pack: Yes No to Pumped Poured
 Type:

Bentonite Chips: Yes No to Pumped Poured
 Type:

7. Water Level

Static water level: 540 feet below land surface
 Artesian Flow: No G.P.M. N/A P.S.I.
 Water Temperature: Cool °F
 Quality: Good

8. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
115	460	3 hours 280 PSI

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Eklund Drilling Company, Inc.
 Contractor

Address PO Box 2748
 Contractor

Elko, NV 89803

Nevada contractor's license number 0030823
 issued by the State Contractor's Board

Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2318

Signed John O'Brien
 B: driller performing actual drilling on site or contractor

Date 12/15/2008

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY