STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 107460
Permit No.
Basin 153

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

Permits 77445T, 46T, 77450-1, 77516

NOTICE OF INTENT NO. 61051

1. OWNER Homestake Mining Company
MAILING ADDRESS PO Box 676
Eureka, NV 89316

ADDRESS AT WELL LOCATION Ruby Hill
Hole #PW-8
Subdivision Name: County: Eureka

2. LOCATION NW ¼ SW ¼ Sec 11 T 19N N/S R 53 E
PERMIT/WAIVER No. W-635
Issued by Water Resources Parcel No.

Latitude N39.530140
Longitude W115.978009
UTM E 587835 [x] NAD 27
N 4375899 [ ] NAD 83/WGS 84

3. WORKED PERFORMED
[x] New Well [ ] Replace [ ] Recondition
[ ] Deepen [ ] Other

4. PROPOSED USE
[ ] Domestic [ ] Irrigation [x] Test
[ ] Municipal/Industrial [ ] Monitor [ ] Stock

5. WELL TYPE
[ ] Cable [ ] Rotary [x] RVC
[x] Air [ ] Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Gravel		0	630	630
Brown Limestone		630	800	170
Gray Limestone	x	800	1000	200
Brown Limestone		1000	1330	330
Gray Limestone w/Clay	x	1330	1440	110
Gray Limestone	x	1440	1660	220

Date started: 2-Dec , 20 08
Date completed: 15-Dec , 20 08

9. WELL CONSTRUCTION
Depth Drilled 1660 Feet Depth Cased 1660 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
24	Inches	0	Feet	60	Feet
17 1/2	Inches	60	Feet	1660	Feet
	Inches		Feet		Feet

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	1660

Perforations:
Type of perforation Slotted
Size of perforation 0.25
From 840 feet to 1660 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: [x] Yes [ ] No
[x] Neat Cement 0 to 60 [x] Pumped [ ] Poured
[ ] Cement Grout to [ ] Pumped [ ] Poured
[ ] Concrete Grout to [ ] Pumped [ ] Poured
[ ] ≥30% Bentonite Grout to [ ] Pumped [ ] Poured
Gravel Pack: [ ] Yes [x] No to [ ] Pumped [ ] Poured
Type:
Bentonite Chips: [ ] Yes [x] No to [ ] Pumped [ ] Poured
Type:

7. Water Level
Static water level: 849 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 [x] Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
150	217	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 issued by the *State Contractor's Board* 0030823
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 2318
Signed John O'Brien by [illegible] (By driller performing actual drilling on site or contractor)
Date 12/15/2008

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY