

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

OFFICE USE ONLY

Log No. 104213
 Permit No. _____
 Basin 062



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

NOTICE OF INTENT NO. 59586

PRINT OR TYPE ONLY

1. OWNER **Great Basin Gold, LTD** Well - C ADDRESS AT WELL LOCATION **Ivanhoe Mine**
 MAILING ADDRESS **101 Carson Road #5**
Battle Mountain, NV 89820 Subdivision Name: N/A County: Elko
 2. LOCATION **SE¼SW¼ Sec4T37N/ R48E** Latitude 537075 UTM E NAD 27
 PERMIT/WAIVER NO. M/O 1461 Parcel No. N/A Longitude 4550794 N NAD 83/WGS 84
Issued by Water Resources

3. WORK 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
Altered Volcanics (White in Color)		0'	35'	35
Altered Volcanics		35'	115'	80
Altered Basaltic Andirite (Grey in Color)		115'	245'	130
Pyrite present in all formations				
<u>N 91.109495</u>				
<u>W 116.558445 NAD27</u>				

9. WELL CONSTRUCTION
 Depth Drilled 245 Feet Depth Cased 232 Feet
 HOLE DIAMETER (BIT SIZE)
 From _____ To _____
14.750 Inches 0 Feet 20 Feet
9.875 Inches 20 Feet 245 Feet
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>10.750"</u>	<u>28.04</u>	<u>0.250"</u>	<u>0"</u>	<u>20"</u>
<u>4"</u>	<u>2.06</u>	<u>.237</u>	<u>+1'</u>	<u>232'</u>

Perforations:
 Type of perforation Slotted
 Size of perforation 0.040"
 From 172 feet to 227 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 10' to 165' Pumped Poured
 Gravel Pack: Yes No 167' to 245' Pumped Poured
 Type: #6 SRI
 Bentonite Chips: Yes No 165' to 167' Pumped Poured
 Type: 3/8" Hole Plug

Date started: 22 Aug, 20 07
 Date completed: 25 Aug, 20 07

7. Water Level
 Static water level: 187 feet below land surface
 Artesian Flow: _____ G.P.M. _____ P.S.I.
 Water Temperature: _____ °F
 Quality: _____

8. WELL TEST DATA

TEST METHOD:	□ Bailer	□ Pump	<input checked="" type="checkbox"/> Air Lift
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	
<u>2.50</u>	<u>167'</u>	<u>3</u>	

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 Drilling Services** (CONTRACTOR)
 Address **P.O. Box 5279** (CONTRACTOR)
Elko, Nevada 89801
 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 1959
 Signed _____
 By driller performing actual drilling on site or contractor
 Date 08/28/07