LCP-49

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

OFFICE USE ONLY
Log No. 121346
Permit No.
Basin 187

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. 72166

1. OWNER Newmont USA LTD
MAILING ADDRESS 1655 Mtn City Hi-way Elko, NV 89801

ADDRESS AT WELL LOCATION 5 miles South of I-80 Exit 378
Subdivision Name: County: Elko

2. LOCATION NE ¼ SE ¼ Sec 9 T 35 N/S R 66 E
PERMIT/WAIVER No. MO-1954
Issued by Water Resources Parcel No.

Latitude
Longitude
UTM E 709165 ☐ NAD 27
N 4533744 ☒ 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
Attached				
NAD 27				
40.929902°N				
114.512193°W				

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Date started: 11-13, 20 14
Date completed: 11-14, 20 14

7. Water Level
Static water level: 80.5 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)

9. WELL CONSTRUCTION
Depth Drilled 117 Feet Depth Cased 117 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
8	Inches	0	Feet	117	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4"	Sch 80	PVC	0	117

Perforations:
Type of perforation factory slotted
Size of perforation .020
From 97 feet to 117 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 50 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 92 to 117 ☐ Pumped ☐ Poured
Type: #8 SAND
Bentonite Chips: ☒ Yes ☐ No 50 to 92 ☐ Pumped ☒ Poured
Type: 3/8 chips

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 Co
Contractor
Address 7103 W. Augusta Ave
Contractor
Glendale, Az 85303
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 M-2198
Signed [signature]
By driller performing actual drilling on-site or contractor
Date 12/2/2014

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY

Pg 1 of 2

(NSPO 3-08) (O) 627

LCP-49 Lith

Log# 121346

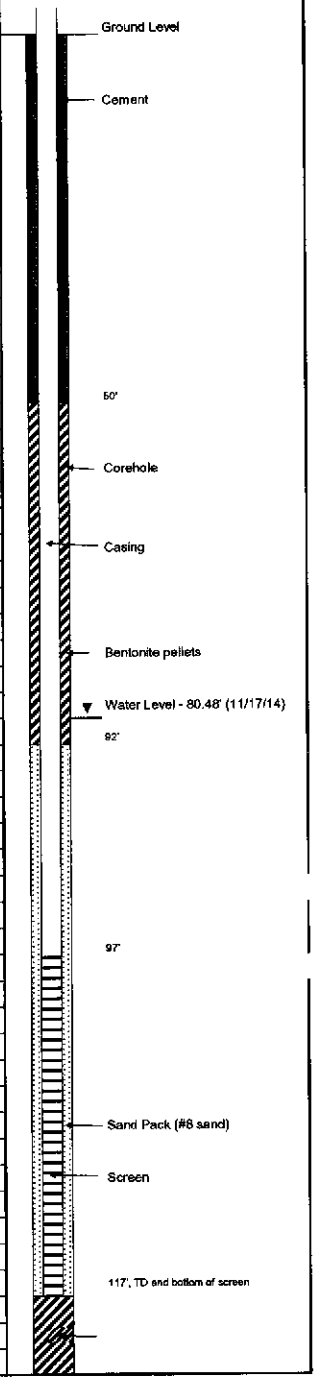
NEWMONT
NORTH AMERICA

Long Canyon Hydrogeologic Investigation
Logging and Piezometer Construction of Alluvial Testholes

Testhole	LCP-49	Contractor:	Boart-Longyear	Core Size		Logged by: Paul Pettit
Page		Rig:		Surface Casing Size		Surface Elevation: 5,686

Date	Run	From (ft)	To (ft)	Length (ft)	Depth (ft)	Surface Casing (ft)	USCS Symbol	Elevation (ft, NGVD)	Description/Comments
November 13 and 14, 2014	1	0.0	10.0	10.0	10.0		GM	5,676	
	2	10.0	15.0	5.0	15.0		GM	5,671	
	3	15.0	22.0	7.0	22.0		GW	5,664	
	4	22.0	33.0	11.0	33.0		GM	5,653	
	5	33.0	35.0	2.0	35.0		GW	5,651	
	6	35.0	43.0	8.0	43.0		GM	5,643	
	7	43.0	49.0	6.0	49.0		GM	5,637	
	8	49.0	51.0	2.0	51.0		ML	5,635	
	9	51.0	54.0	3.0	54.0		GM	5,632	
	10	54.0	56.0	2.0	56.0		ML	5,630	
	11	56.0	63.0	7.0	63.0		GM	5,623	
	12	63.0	65.0	2.0	65.0		GM	5,621	
	13	65.0	73.0	8.0	73.0		GC	5,613	Some dampness, 65 to 69'
	14	73.0	76.0	3.0	76.0		GM	5,610	
	15	76.0	83.0	7.0	83.0		GM	5,603	wet samples from 76' to TD
	16	83.0	86.0	3.0	86.0		GW	5,600	
	17	86.0	91.0	5.0	91.0		GC	5,595	
	18	91.0	93.0	2.0	93.0		GW	5,593	
	19	93.0	101.0	8.0	101.0		GC	5,585	
	20	101.0	105.0	4.0	105.0		GM	5,581	
	21	105.0	109.0	4.0	109.0		GC	5,577	
	22	109.0	117.0	8.0	117.0		GC	5,569	
				-117.0	0.0				
				0.0	0.0				

Standpipe Piezometer Completion



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GM = Silty gravel
GW = fine to coarse gravel
ML = Silt
GC = clayey gravel