RBW-16

WHITE—DIVISION OF WATER RESOURCES
CANARY—CLIENT'S COPY
PINK—WELL DRILLER'S COPY

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

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

OFFICE USE ONLY
Log No. 68607
Permit No.
Basin 028

NOTICE OF INTENT NO. 29629

1. OWNER HECLA MINING COMPANY
MAILING ADDRESS 6500 MINERAL DR.
COEUR D'ALENE, ID 83814-8788

ADDRESS AT WELL LOCATION
HECLA ROSEBUD MINE

2. LOCATION SW ¼ NE ¼ Sec. 24 T 34 N/S R 29 E PERSHING County

PERMIT NO. ~~N/A~~ 61782 (Issued by Water Resources) | N/A (Parcel No.) | N/A (Subdivision Name)

3. WORK PERFORMED
☒ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Abandon ☐ Other

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

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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
VOLCANICS		0	820	820

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Date started NOVEMBER 11, 19 95
Date completed NOVEMBER 19, 19 95

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

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

8. WELL CONSTRUCTION
Depth Drilled 820 Feet Depth Cased 770 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
20-1/2 Inches	0 Feet	19 Feet
15 Inches	19 Feet	820 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
16	62.58	.375	0	19
8-5/8	28.55	.322	+2	770

Perforations:
Type perforation LOUVERED & SLOTTED
Size perforation .100
From 540 LOUVERED feet to 560 feet
From 730 LOUVERED feet to 750 feet
From 260 SLOTTED feet to 320 feet
From 580 SLOTTED feet to 620 feet
From 640 SLOTTED feet to 690 feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 50
Placement Method: ☒ Pumped ☐ Poured
Seal Type: ☒ Neat Cement ☐ Cement Grout ☐ Concrete Grout

Gravel Packed: ☐ Yes ☐ No
From 820 feet to 50 feet

9. WATER LEVEL
Static water level 148 feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature °F Quality GOOD

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.

Name LANG EXPLORATORY DRILLING (Contractor)
Address 2286 WEST 1500 SOUTH (Contractor)
SALT LAKE CITY, UTAH 84104

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 1410

Signed JOHN VIERGUTZ John Viergutz
By driller performing actual drilling on site or contractor

Date JANUARY 4, 1996

(Rev. 3-91) USE ADDITIONAL SHEETS IF NECESSARY (O)-627