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

OFFICE USE ONLY
Log No. 115739
Permit No.
Basin 154A

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. 70488

1. OWNER American Vanadium US Inc
MAILING ADDRESS 51 Buel St. Box 983
Eureka NV. 89316

ADDRESS AT WELL LOCATION Gibellini Project
Little Smokey Valley GHM-06
Subdivision Name: County: Eureka

2. LOCATION NE ¼ NE ¼ Sec 3 T 15N N/S R 52 E
PERMIT/WAIVER NO. 1849a
Issued by Water Resources
Parcel No.

Latitude 39.208003
Longitude -116.094219
UTM E N
☒ NAD 27 ☐ 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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Sandstone	No	0	25	25
Sand	No	25	45	20
Brown Rock	No	45	95	50
Black Carbon Shale	No	95	415	320
Gray Clay	No	415	600	185
Broken Gray Rock	Yes	600	695	95
Gray Clay	No	695	745	50
Gray Rock	No	745	810	50
Gray/Black Rock	No	810	920	130

GHM-06
bridged off @ 820 Caved in

NAD27
39.208003°N
116.094219°W

Date started: November 16th, 20 13
Date completed: November 26th, 20 13

7. Water Level
Static water level: 326.9' feet below land surface
Artesian Flow: No G.P.M. 1 P.S.I.
Water Temperature: N/A °F
Quality:

8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☑ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
1		12

9. WELL CONSTRUCTION
Depth Drilled 920' Feet Depth Cased 820' Feet

HOLE DIAMETER (BIT SIZE)

	From	To
12.75"	Inches 0 Feet	20' Feet
6.75"	Inches 20 Feet	920 Feet
	Inches Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8.25"	38	1/4"	0	20
2"	N/A	N/A	+18"	820'

Perforations:
Type of perforation Slot
Size of perforation .020
From 100' feet to 820' 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 20 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 98' to 820' ☒ Pumped ☐ Poured
Type: #8 Washed Sand
Bentonite Chips: ☒ Yes ☐ No 20' to 98' ☒ 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 Nevada (Contractor)
Address PO Box 2748 (Contractor)
Elko, NV 89803
Nevada contractor's license number issued by the *State Contractor's Board* 21976 ~~0073086~~
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 2426
Signed Jeff McMinis (By driller performing actual drilling on site or contractor)
Date 11-26-13

[Rev. 03-08]

USE ADDITIONAL SHEETS IF NECESSARY

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STATE ENGINEERS OFFICE