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

OFFICE USE ONLY
Log No. 115822
Permit No.
Basin 142

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

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

NOTICE OF INTENT NO. 69351

1. OWNER INTERNATIONAL MINERALS
MAILING ADDRESS 230 S. ROCK BLVD SUITE 30 RENO, NV 89502

ADDRESS AT WELL LOCATION ALKALAI SPRING VALLEY

2. LOCATION SE ¼ SW ¼ Sec 14 T 2 N R 42 E
PERMIT/WAIVER No. MO-1844 (Issued by Water Resources) Parcel No.

Latitude
Longitude
Subdivision Name:
UTM E 479231 ☐ NAD 27
N 4179074 ☒ NAD 83/WGS 84
County: ESMERALDA

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
GLAY/GRAVEL MIX	NONE	0'	565'	565'
HARD ROCK	YES	565	685	120'
0-50' NEAT CEMENT	+18"	-	578'6"	
BLANK				
50' BENTONITE CHIPS				
576'6"				
		578'6"	-678'6"	
#8 SAND	SCREEN			
685'	END CAP			

Date started 8-28-12, 20 12
Date completed 9-6-12, 20 12

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

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

8. WELL CONSTRUCTION
Depth Drilled 685' Feet Depth Cased 680' Feet

HOLE DIAMETER (BIT SIZE)

	From	To
14" Inches	0 Feet	20' Feet
~~20'~~ 8 3/4" Inches	20' Feet	685' Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4 1/4		SCHEDULE 80	+18"	683'

Perforations:
Type of perforation SLOT
Size of perforation 100
From 580' feet to 680' feet
From feet to feet
From feet to feet
From feet to feet
From feet to 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 ~~578~~ 578'6" feet to ~~687~~ 678'6" feet

9. WATER LEVEL
Static water level ~~293~~ 277'5" feet below land surface
Artesian flow No G.P.M 5 P.S.I
Water temperature N/A °F Quality

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 NV (Contractor)
Address PO. BOX 2748 ELKO, NV 89803 (Contractor)
Nevada contractor's license number issued by the State Contractor's Board 0073086
Nevada driller's license number issued by the Division of Water Resources, the on-site driller
Signed Josh McManus (By driller performing actual drilling on site or contractor)
Date 9-6-12

DCNR/DWR RECEIVED
OCT 16 2012

(Rev. 06/10)

USE ADDITIONAL SHEETS IF NECESSARY

37.758812
117.234873 -NAD27

LAS VEGAS OFFICE