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

OFFICE USE ONLY
Log No. 121105
Permit No.
Basin No. 137A

PRINT OR TYPE IN BLACK INK 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. 71673
WELL NAME *(If applicable)*:

1. OWNER/CLIENT NAME WK Mining
MAILING ADDRESS 788-550 Burradrd St
Wancouver, BC V6C2B5

DETAILED ADDRESS AT WELL LOCATION TH14MW-001
Three hills mine
Subdivision Name: *County:* Esmeralda

2. PLS LOCATION nw ¼ nw ¼ 3 Sec 2 N/S 42 E
PERMIT/WAIVER NO. m/o 1942 *Issued by Water Resources* *Current Parcel No.*

Latitude UTM E 477405 ☐ NAD 27
Longitude UTM N 4212615 ☒ NAD 83/WGS 84

3. WORKED PERFORMED
☒ New Well ☐ Deepen: Orig WL#
☐ Replacement: Original well log #
☐ Recondition: Original well log #

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☒ Monitor
☐ Mining / Dewater ☐ Com / Ind ☐ Stock
☐ Test / Other ☐ Mun / QM ☐ Rec

5. WELL TYPE
☐ Auger ☒ Rotary ☐ RVC
☐ Air ☐ Mud ☐ Sonic
☐ Other

6. LITHOLOGIC LOG

Material Encountered	Lost Circ.	Water Strata	From	To	Thick-ness
pale yellow gray			0	20	20
fine medium lithic tuff					
pale green light gray			20	890	870
medium graned quartz					
biothite crystal					
lithic tuff					
dark purple gray green			890	1262	372
medium grained trachitic					
dache grandedsite					
NAD 27					
38.061072°N					
117.256651°W					

Date started: 27-Sep , 20 14
Date completed: 24-Oct , 20 14

9. WELL CONSTRUCTION
Depth Drilled: 1262 Feet Depth Cased: 1260 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
14.75	Inches	0	Feet	21	Feet
9	Inches	21	Feet	925	Feet
8.75	Inches	925	Feet	1262	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10.75	28.4	.25	0	21
4.5	2.86	.337	+2	1260

PERFORATIONS:
Type of perforation: slots
Size of perforation: 0.02
From 1180 Feet To 1260 Feet
From Feet To Feet
From Feet To Feet

ANNULAR MATERIALS

☒ Sanitary Seal	0	to	1170		
☒ Neat Cement	0	to	1170	☒ Pumped	☐ Poured
☐ Cement Grout		to		☐ Pumped	☐ Poured
☐ Concrete Grout		to		☐ Pumped	☐ Poured
☒ Bentonite Chips	1170	to	1178	☒ Pumped	☐ Poured
☐ Bentonite Grout		to		☐ Pumped	☐ Poured
☐ 15 % ☐ 20 % ☐ Other, explain:					
☐ Gravel Pack [> 0.2 in.]		to		☐ Pumped	☐ Poured
☒ Sand Pack [< 0.2 in.]	1178	to	1262	☒ Pumped	☐ Poured
☐ Other, explain:		to		☐ Pumped	☐ Poured

7. WATER QUALITIES
Static water level: 867.1 Feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: 81 ° Fahrenheit
Water Quality: good

8. WELL TEST DATA
Test Method: ☐ Bailer ☐ Pump ☒ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)
10	81.5	8

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name National EWP Contractor
Address 580 W Silver St Elko, NV 89801 Contractor
Nevada contractor's license number as issued by the *State Contractor's Board:* 75355
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller):* 2420
Signed: Neil Hale *By driller performing actual drilling on site or contractor*
Date: 10/31/2014

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(Rev. 08-12) **USE ADDITIONAL SHEETS IF NECESSARY**