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WELL DRILLER'S REPORT

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

NOTICE OF INTENT NO. 21654  
 Client: Viking Metallurgical  
 ADDRESS AT WELL LOCATION: 1 Eric Circle  
 Verdi, NV. 89439  
 Washoe County  
 Verdi

Consultant: Geo-Environmental Consultants Inc  
 (Simon Hydro-Search Reno)  
 MAILING ADDRESS: 55 Valley Stream Pkwy #140  
 Malvern, PA. 19355

2. LOCATION: SW 1/4 SE 1/4 Sec 8 T 19N N/S R 18 E  
 PERMIT NO. M/O-628 MW#7  
 Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED:  New Well  Replace  Recondition  Deepen  Abandon  Other  
 4. PROPOSED USE:  Domestic  Municipal/Industrial  Irrigation  Monitor  Test  Stock  
 5. WELL TYPE:  Cable  Rotary  RVC  Air  Other Tubex

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Surface: soil				
Silty sand, cobbles gravel fnto coarse grnd sand, 30-50% cobbles & gravel, rounded to sub		0	7	7
Cobbles & gravel no fines pounded to sub		7	9	2
Same as above		9	20	11
Lt brown, silty sand med to coarse grad sand 20-30% cobbles& gravel rounded to sub		20	23	3
Same as 0-7' w/ 50-80% cobbles & gravel		23	25	2
As above w/ 30-50% cobbles & gravel		25	33	8
First Water	27			
As above 25-33 w/inc silt, brown soft 20-30%		33	35	2
Med to coarse grnd sand silty sand brown little or no gravel		35	37	2
Gravel, cobbles, silty sand, 30-50% med to coarse grnd silty sand rounded to subrounded cobbles & gravel		37	39	2

8. WELL CONSTRUCTION  
 Depth Drilled: 39 Feet Depth Cased: 38'5" Feet  
 HOLE DIAMETER (BIT SIZE)  
 9 5/16 Inches From 0 Feet To 39 Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2"		304 Sch5 S/S	4"	18'5"
End Cap				
Locking Cap				

Perforations: Factory Sawn Slot  
 Type perforation  
 Size perforation: 0.020  
 From: 18'5" feet to 38'5" feet  
 From: \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From: \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From: \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  Neat Cement  Cement Grout  Concrete Grout  
 Depth of Seal: 1'2" Bentonite 13'10"  
 Placement Method:  Pumped  Poured  
 Gravel Packed:  Yes  No #3 Monterey Sand  
 From: 15 feet to 39 feet

9. WATER LEVEL  
 Static water level: 27 feet below land surface  
 Artesian flow: Not Known G.P.M. \_\_\_\_\_ P.S.I. \_\_\_\_\_  
 Water temperature: 45° F Quality: Brown Silt

Date started: January 18, 1993  
 Date completed: January 18, 1993

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			

10. DRILLER'S CERTIFICATION  
 This well was drilled under my supervision and the report is true to the best of my knowledge.  
 Name: WAYNE DRILLING, INC. Contractor  
 Address: P.O. BOX 12370 RENO, NV. 89510 Contractor  
 Nevada contractor's license number: 22549 issued by the State Contractor's Board  
 Nevada driller's license number: 908 issued by the Division of Water Resources, the on-site driller  
 Signed: *Wayne C. Selman* By driller performing equal drilling on site or contractor  
 Date: February 23, 1993