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. 109093
Permit No.
Basin 179

NOTICE OF INTENT NO. 62633

1. OWNER: Symphony Gold (Borealis)
MAILING ADDRESS: 420 3th St, P.O. Box 11687
ADDRESS AT WELL LOCATION: Forest Service Rd H 0216, Lucky Boy Pass, South Borealis Pit area

2. LOCATION: SW ¼ SE ¼ Sec. 28 T. 6 N/S R. 29 E. Mineral County
PERMIT NO. 70322 (Issued by Water Resources) | N/A (Parcel No.) | Forest Service (Subdivision Name)

3. WORK PERFORMED
☒ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Abandon ☐ 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
Sand		1	6	
Cobbles, Sand		6	15	
Alluvium		15	65	
Volcanic Alluvium		65	143	
Boulders, Some		143	385	
thin Clay layers				
Formation becomi		385	485	
more solidified	490			
cobbles extremly				
dense				
Cavernous, dense		485	535	
boulders (Lost				
Circulation)				
Dense Cobbles,		535	715	
clay layers, thin				
Thick clay albums	740	715	755	
w/ cobble layers				
		38.345376°N		
		118.747789°W		
		NAD 27 (T4)		

2009 NOV 13 AM 10:50 STATE ENGINEER'S OFFICE

Date started 10-17-09, 20
Date completed 10-30-09, 20

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
Estimate	250	(287')	(8.5)

More development to follow.
Test Pump data to be forth coming @ 11/2/09.

8. WELL CONSTRUCTION
Depth Drilled 755 Feet Depth Cased 755 Feet

HOLE DIAMETER (BIT SIZE)

Inches	From (Feet)	To (Feet)
14 3/4	1	755

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8 5/8	22.	.250	1	435
8 5/8	Stainless	.250	435	455
8 5/8	22.	.250	455	755

Perforations:
Type perforation: Wire screen (304 - Stainless) Mill Perf
Size perforation: 1/8 (.10 -)
From 250 feet to 435 feet
From Screen 435 feet to 455 feet
From 455 feet to 755 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 50 feet to 755 feet

9. WATER LEVEL
Static water level 250 feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature C °F Quality V. Good

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Leach Drilling Inc (Contractor)
Address PO Box 599 (Contractor)
S.S. NV 89429
Nevada contractor's license number issued by the State Contractor's Board 0031841
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1876
Signed (By driller performing actual drilling on site or contractor)
Date 11/2/09

(Rev. 12-01) USE ADDITIONAL SHEETS IF NECESSARY (O)-627