GEN-35

WHITE—DIVISION OF WATER RESOURCES
CANARY—CLIENT'S COPY
PINK—WELL DRILLER'S COPY

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

Please complete this form in its entirety

OFFICE USE ONLY
Log No. 334137
Permit No.
Basin 4-61

PRINT OR TYPE ONLY

NOTICE OF INTENT NO. 11154

1. OWNER Newmont Gold
MAILING ADDRESS PO Box 669 Carlin NV 89822
ADDRESS AT WELL LOCATION Genesis Pit

2. LOCATION SW ¼ NE ¼ Sec. 31 T. 36N N/S R. 50E Eureka County
PERMIT NO. M10-234 (Issued by Water Resources) Parcel No. Subdivision Name

3. TYPE OF WORK
New Well ☑ Recondition ☐
Deepen ☐ Other ☐

4. PROPOSED USE
Domestic ☐ Irrigation ☐ Test ☑
Municipal ☐ Industrial ☐ Stock ☐

5. TYPE WELL
Cable ☐ Rotary ☑
Other ☐

6. LITHOLOGIC LOG Attached

Material	Water Strata	From	To	Thickness

STATE ENGINEER
'90 MAY 14 P1:14

Date started 5-4-90, 19
Date completed 5-6-90, 19

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

BAILER TEST
G.P.M. Draw down feet hours
G.P.M. Draw down feet hours
G.P.M. Draw down feet hours

8. WELL CONSTRUCTION
Diameter 5 3/4 inches Total depth 505 feet
inches
inches
Casing record
Weight per foot 19.65 Thickness 5/16

Diameter	From	To
6 inches	0' feet	40' feet
inches	feet	feet
1 1/4 inches	500' feet	Surface feet
inches	feet	feet
inches	feet	feet
inches	feet	feet

Surface seal: Yes ☑ No ☐ Type cement
Depth of seal 50 feet
Gravel packed: Yes ☐ No ☐
Gravel packed from 400' feet to 505' feet
Volclay seal 400 to 50'
Perforations:
Type perforation slots
Size perforation
From 505 feet to 485' feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

9. WATER LEVEL
Static water level 201' feet below land surface
Flow G.P.M. P.S.I.
Water temperature °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 Pinrock Drilling Inc (Contractor)
Address PO Box 816 Elko NV 89801 (Contractor)
Nevada contractor's license number issued by the State Contractor's Board 00227
Nevada contractor's driller's number issued by the Division of Water Resources
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1670
Signed [illegible] (By driller performing actual drilling on site or contractor)
Date

(Rev. 11-85) USE ADDITIONAL SHEETS IF NECESSARY (O)-627

Contractor RIMROCK | Coordinates | Project GE[illegible]SIS | Hole No. GEN-25

Drill Type REVERSE | Casing Depth 40' of 6" | State NV | Sheet 2 of

Hole Size 5 3/4" | Bearing | Inclination | Date Started 05/03/90 | Property NGGN

Collar Elev. | Final Depth 505' | Date Completed | Hole Surveyed

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong) ARG, PR, SI, CO3, FEOX, Carb; TOTAL SULFIDES (vol %); ROCK TYPE & STRUCTURE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	COLOR ELEVATION	ROCK TYPE	GEOLOGIC NOTES: DESCRIPTION (MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE)	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinfill, Replacement)	TYPE FEOX: FES2	H	L
		200'	GY/BLK	HFLS/CARB	PR+2-Hard/Si+2 HFLS/CARB: crystalline-Fg, ANG FRC zone, Pyrite, calcite, Diop-bearing, Carb, massive, py+1-veinings,	calcite, carb, Diop, pyrite (<1%)	1	0	0
200'		205-210	L-GY L-GN	Mb.-Ls	Si+2 Mb-Ls: cyL-Fg, ANG FRC, Matrix gns, calcite, Diop-bearing, minor Feox, CHL?, weathered gns,	Diop, CHL, calcite, Feox			<1
210'		215-230	L-GY/GY GN	Mb/HFLS	Prop+1-2 Hard/Si+2 Mb/HFLS: crystalline-mg, calcite, Diop-bearing, chl?, Ang. FRC, mostly matrix gns, hypidiomorphic texture, partly sorted, v-minor pyrite bearing,	Diop, calcite CHL?			
230		235-300	GY, L-GY	Marble/HFLS	PR+2-Hard/Si+2 Marble/HFLS: crystalline-Fg, Minor carb/pyrite mixing, Diop-bearing, calcite, CHL?, Ang. FRC, hypidiomorphic texture, calcite-veining, massive gns,	CHL, Diop, calcite,			
300'		305-330	GY, L-GY	Marble	Si+2 Marble: crystalline-Fg, Ang. FRC, calcite, calcite-veining, wkly PR, minor diop-bearing, hypidiomorphic texture, sorted and mostly matrix gns.	Calcite, Diop			
330'		335-350	GY/L-GN	Marble/Ls	PR+2-Hard/Si+1-2 DoL-Ls: cryptocrystalline-crystalline, hypidiomorphic texture, Diop-bearing, chl, calcite, Ang FRC, GY & L-GN mixing,	Diop, CHL calcite			
350		355-400	L-GY GY	DoL/Mb	Wkly PR+2-Hard/Si+2 DoL-Mb: Cryptocrystalline-crystalline, hypidiomorphic, minor-Diop, CHL, calcite, ANG FRC, minor-Lam, massive,	Diop, calcite, CHL,			
400		400-415	WH/GY	DoL/MB	PR+1-2 Hard/Si+2-3 DoL/Marble: cryptocrystalline-Fg, ANG FRC, Finely Lam, w/beddings, wkly PR, Calcite, Diop or Chl?, minor disc. pyrite (<1%), Massive gns, hypidiomorphic texture,	Py+ calcite Diop or CHL?	<1		
415									

DRILL CUTTING LOG

Logged by: John

Newmont Exploration Ltd.

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ES1432

Contractor RIMROCK
Drill Type REVERSE
Hole Size 5 3/4"
Collar Elev.

Coordinates
Casing Depth 40' of 6"
Bearing Inclination
Final Depth 505'

Project GENESIS
State NV
Date Started 05/03/90
Date Completed

Hole No. GEN - 25
Sheet 3 of
Property NGGN
Hole Surveyed

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong) ARG	PR	SI	CO3	FEOX	CARB	TOTAL SULFIDES (vol %)	ROCK TYPE & STRUCTURE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	COLOR ~~ELEVATION~~	ROCK TYPE	GEOLOGIC NOTES: DESCRIPTION (MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE)	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinfill, Replacement)	TYPE FEOX FES2	H	LIM
									420-475	L.GY, GY, GN	MARBLE	PR+2-3-Hard/Si+2-3 MARBLE: Crystalline-VFg, minor Fine-Lam, w/bedding, carbonized zone (440-445'), disc. pyrite gns (<1%>), calcite, Diop or CHL?, weathered gns, hypidiomorphic text., Ang. FRC zones, wkly FRC zones,	pyrite calcite, carbon, Diop; CHL?,	<1		
475'									480	L.GY GN	MARBL/HFLS	PR+2-3-Hard/Si+2-3 Marble/HFLS: ANG. FRC zones, crystalline-Fg, CHL flooding bandings, calcite, Diop or CHL?, minor pyrite, minor beddings, hypidiomorphic texture,	Diop; CHL? calcite, minor pyrite	<<1		
480'									485-505	GY, L.GY	MARBLE	Wkly PR+1-2 Hard/Si+2-2 MARBLE: calcite, minor CHL, minor fluid bandings, ANG FRC zones, Crystalline to Fg, weathered gns, Hypidiomorphic texture, massive,	calcite, CHL?,			
TD 505'																

DRILL CUTTING LOG

Logged by: John

Newmont Exploration Ltd.

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ESHEE

Contractor RIMROCK
Drill Type REVERSE
Hole Size 5 3/4"
Collar Elev.

Coordinates
Casing Depth 140' & 6"
Bearing Inclination
Final Depth 505'

Project GENESIS
State NV
Date Started 05/03/90
Date Completed

Hole No. GEN-25
Sheet 1 of
Property NGGN
Hole Surveyed

GRAPHIC LOGS — ALTERATION: 1 Weak, 2 Moderate, 3 Strong — ARG, PR, SI, CO3, FEOX, CARB — TOTAL SULFIDES (vol %)

DISTANCE (feet)	ROCK TYPE & STRUCTURE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	COLOR ELEVATION	ROCK TYPE	GEOLOGIC NOTES: DESCRIPTION (MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE)	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veintill, Replacement)	TYPE FES2	H	FEOX LIM
		0-25'	BN/GY	Mb-LS	Marble-LS: Crystalline to Mg, w/ silty sand mixing, Calcite, Feox bearing, AND FRC, VF-Lam, minor bddg, mostly clast gns, calcareous, MN-oxide bearing, BN & GY mixing,	Calcite, Feox, MN,		0	1
25'		30-65	BN/GY	SILTY-SAND LS/MB	SILTY-SAND LS/MARBLE: Arg+2-Hard/Si+2, Crystalline-Mg, Calcite, minor Qtz gns, calcareous, Mostly matrix gns, WKLY FRC, Lam, MN-Feox bearing, calcite-vein, GY & BN mixing,	Calcite, Qtz, Feox, MN		0	2
65'		70'	L.GY	Arg+3/Si1-2 LS	ARG+3/Si1-2 LS: VFG-MG, carb, calcite, minor Feox, WKLY FRC, FLT zone w/ clay, L.GY/BN mixing,	Calcite, Carb. Feox		0	<1
70'		75'	BN GY	DoL-LS (packstone)	Si+2-3 DoL-LS: VFg-Mg, calcite, ANG FRC, VFg-Lam, clast gns, calcareous	Calcite,			
75'		80-90'	GY/BN	LS/HFLS	Si+2-3 LS/HFLS: Crystalline-Mg, calcite, calcareous, Feox, ANG. FRC, F-Lam, MN-oxides, minor-Diop bearing,	calcite, Feox, MN, Diop			2
90'		95'	GY	HFLS/Mb	Si+3-HFLS: Diop-bearing, crystalline-Fg, calcite, ANG-FRC, calcareous,	calcite, Diop,			
95'		100'	GY	Arg-LS	Arg+2-3 Arg-LS: VFg-Mg, Carb, Calcite, minor-Diop, calcareous,				
100'		105-135'	BN/GY	Arg+2/Si+2 Mb-LS	Arg+2/Si DoL-LS: Crystalline-Mg, Diop-bearing, FLT zone w/ clay, ANG/WKLY FRC, FEOX, BN/GY mixing (Intrusive zone)	Calcite, Diop, Feox			1
135'		140-170	BN/GN L.GY	LS/HFLS	PR+2-Hard/Si+2 LS/HFLS: Crystalline-Fg, calcite, calcite-veins, minor Feox, Diop. bearing, FLT/ANG FRC zones, clasts & matrix mixing, CHL, MN-oxide, massive gns	Calcite, Diop, MN-oxide, CHL, Feox			1
170'		175	BN/GY		SAME AS 140'-170' but minor Driller's fluids contamination.				
175'		180-190'	GY	MARBLE	PR+1/Si+2-3 MARBLE: crystalline-Fg, massive gns, calcite, Diop-bearing, minor CHL, ANG FRC, mostly matrix gns,	Calcite Diop			
190'		195	GY/GN	MB-HFLS	Arg+2/PR1-2 MB-HFLS: clay, Diop, CHL, cyl-Mg, FLT/WKLY FRC zones, minor carb, matrix gns, calcite,	Carb, CHL, Diop, calcite			

DRILL CUTTING LOG

Logged by: John E.

Newmont Exploration Ltd.

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