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. 78998
Permit No.
Basin 66

NOTICE OF INTENT NO. 39322

1. OWNER NEWMONT GOLD CO
MAILING ADDRESS P.O. BOX 669 GOLCONDA NV
ADDRESS AT WELL LOCATION TWIN CREEKS MINE HOLE # m/o 7926

2. LOCATION NW ¼ NW ¼ Sec. 19 T. 39 N/S R. 43 E/W HUMBOLDT County
PERMIT NO. MIO-1136 Issued by Water Resources | Parcel No. | 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
SEE ATTACHED LITHOLOGY REPORT				

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Date started 1-10, 1999
Date completed 1-13, 1999

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

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

8. WELL CONSTRUCTION
Depth Drilled 1005 Feet Depth Cased 1005 Feet

HOLE DIAMETER (BIT SIZE)

Inches	From (Feet)	To (Feet)
8 5/8	0	15
6 1/2	15	305
6 1/4	305	1005

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
7 5/8	19	3/16	0	15
SCH 80	2 3/8	PVC	0	1005

Perforations:
Type perforation FACTORY
Size perforation 1/16
From ____ feet to ____ feet
From 960 feet to 1,000 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 1005 feet to 945 feet

9. WATER LEVEL
Static water level 810 feet below land surface
Artesian flow ____ G.P.M. ____ P.S.I.
Water temperature COLD °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 ROCK WELL DRILLING, LLC Contractor
Address P.O. BOX 6000 Contractor
ELKO NV 89802
Nevada contractor's license number issued by the State Contractor's Board 46949
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1670
Signed ____ By driller performing actual drilling on site or contractor
Date ____

(Rev. 3-91) USE ADDITIONAL SHEETS IF NECESSARY (O)-627

01/19/99 TUE 09:58 FAX 7756354751 GEOLOGY 005

log#78998

NEWMONT GOLD COMPANY
TWIN CREEKS MINE CHIP LOG

COORDINATES _____ N _____ E ELEV. _____ HOLE NUMBER Mo 19-26

PROJECT HYDROLOGY FINAL DEPTH 1005' LOGGED BY ME JONES BEARING _____ INCL. _____ DRILLING METHOD RC

DATE 1/13/99 PAGE 4 OF 4

GRAPHIC LOGS: INTERVAL	ASSAY	GRAPHIC LITHOLOGY	LITHOLOGY: FORMATION	LOCAL FORMATION	ROCK TYPE	LOCAL ROCK UNIT	MODIFIER	ALTERATION: SIL	CLAY	OCALC	DOLOMITE	PROP	SER	LOC_ALT	METALLURGY: CARB	COJ	FEOX	SULF	ZONE	LOC_MET	STRUCT.: BRECCIA	FAULT	COUGE	VEINS: VEIN 1	VEIN 2	MINERALS	DESCRIPTION
885-965			Oc		Ms		Silty		1						3			1						Qtz			DKGY, Platey, mudstone silty Graphite slicks
																											Looks A Little Like PREBLE?
965-1005					St		Muddy		2						3			1						Qtz			DKGY-Wh, Laminated Muddy Siltstone weakly Silicified
																											w/ Qtz Vns on FRXs
			Oc																								
			T.D. = 1005 ft																								

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Log # 78998

NEWMONT GOLD COMPANY
TWIN CREEKS MINE CHIP LOG

COORDINATES _____ N _____ E ELEV. _____ HOLE NUMBER Mo 19-26

PROJECT HYDROLOGY FINAL DEPTH 1005 LOGGED BY M.E. JONES BEARING _____ INCL. -90 DRILLING METHOD RC

DATE 1/13/99 PAGE 3 OF 4

GRAPHIC LOGS: INTERVAL	ASSAY	GRAPHIC LITHOLOGY	LITHOLOGY: FORMATION	LOCAL FORMATION	ROCK TYPE	LOCAL ROCK UNIT	MODIFIER	ALTERATION: SIL	CLAY	DECALC	DOLOMITE	PROP	SER	LOC_ALT	METALLURGY: CARB	CO3	FEOX	SULF	ZONE	LOC_MET	STRUCT.: BRECCIA	FAULT	GOUGE	VEINS: VEIN 1	VEIN 2	MINERALS	DESCRIPTION
585 - 620		ORP	Oc		St			2							2			1			1					ORP	YELLOW-MNGY, SILICIFIED, FRACTURED, SILTSTONE
620 - 675					St			1							2			1									MD-DKGY, Lam Siltstone & Cg siltstone-SS? weakly silicified FOLDING PRESENT.
675 - 730					StLs		SANDY								2	2		1						CCVN			MD-DKGY Th St Limestone TRACE Vfg SANDS CALCITE VEINS Clay Gouge @ 715' Small Flt ?
730 - 755									1						2	2		1			1	1	1	CCVN			MD-DKGY-Wh BRECCIATED SILTY-MICRITIC LIMESTONE Clay Gouge @ 755', Fault Zone & BXA To 755'
755 - 780			Oc		IntP				1			1				1		2									LTGY-Wh, Vcu Porphyritic intrusive Plag to wh clay MAFIC PHENOS To Chlorite -> Clay
780 - 830					St			2							2			2			1						MD-DKGY PERVASIVELY Silicified Siltstone (StLs-Micritic Limestone?) BRECCIATED @ Lower Intp Contact
830 - 835					Int				1									1									LTGY-CREAM, FL Pheno, Equigranular Intrusive
835 - 855					St			1							2			1			1			QtcVN			DKGY-Wh, SHEARED Siltstone SOME GRAPHITE on SLICKS
855 - 860					Int				1																		
860 - 885					St																						
885 - 965			Oc		Ms		Silty		1						3			1			2			QtcVN			DKGY, PLATEY MUDSTONE, Silty - SLICKS

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NEWMONT GOLD COMPANY
TWIN CREEKS MINE CHIP LOG

COORDINATES _____ N _____ E ELEV. _____ HOLE NUMBER Mo 19-26

PROJECT HYDROLOGY FINAL DEPTH 1005 LOGGED BY M.E. JONES BEARING _____ INCL. -90 DRILLING METHOD RC

DATE 1/13/99 PAGE 2 OF 4

GRAPHIC LOGS: INTERVAL (300)	ASSAY	GRAPHIC LITHOLOGY	LITHOLOGY: FORMATION	LOCAL FORMATION	ROCK TYPE	LOCAL ROCK UNIT	MODIFIER	ALTERATION: SIL	CLAY	DECALC	DOLOMITE	PROP	SER	LOC_ALT	METALLURGY: CARB	CO3	FEOX	SULF	ZONE	LOC_MET	STRUCT.: BRECCIA	FAULT	GOUGE	VEINS: VEIN 1	VEIN 2	MINERALS	DESCRIPTION
300-315			Ovc		St			1							1		2										MdGY-Tan Lam siltstone SHEARED
315-345					Int			1	2						1		2										DKGY-Tan Mo-Py Phenos Plag? Equigranular Intrusive
																											Plag → Limonite/Mafic → Fresh? Mixed Carbonaceous St/ms
																											interbeds
345-360					St		Sandy	1							2	1	2										DKGY-Tan, Lam Siltstone w/interbedded sandy & Tuffaceous
																											Sediments SHEARED
360-385					St		tufa	2							2		2							Qtz			DKGY-Tan Silicified Lam Siltstone/Sandstone
																											Pervasive Silicification & Qtz Vns
385-410			Oc		St			2							3			2			1	1		Qtz			Wh-DKGY, Carbonaceous, Thbdd, Siltstone Qtz Vns/Py
																											Breccia Roberts Mountain Thrust Contact
410-430			Oc		St			2	2						1		1	1			1	1	1	Qtz			Wh-Tan, Silicified/Brecciated Siltstone w/white clay
																											on Frxs weak oxidation
430-450								2							3			1									DKGY Siltstone, Carbonaceous weakly Silicified
450-465					St		Lam	1							3			1									DKGY Platey-Laminated muddy Siltstone SHEARED Chips
465-475					Int				1							1			2								MdGY, Fe Phenos, Equigranular Mafic Intrusive (SHEARED)
475-					Stls		Sandy									2		1									LT-MdGY, Lam Stls w/ sandy interbeds Micritic Cement Pyrite
500-550			Oc		St										2	1		1									DKGY Platey Lam, Siltstone, w/ eg silt interbeds
550-560					St		tufa								2	1		1									MdGY, CL-ML, Tufaceous Siltstone, Tuff dust CL-ML Sand sized
560-575					St		Sndy	1							2			1									MdGY Sandy (VFL) Siltstone weak Silicification
575-585					Int				1							1		3								ORP	LGY Mo ML Phenosize Equigranular Intrusive Sulfidized
585-620					St			2																ORP		ORP	Yellow-MdGY Silicified & Fractured Siltstone
		ORP	Oc																								Pervasive Silica (Stls?) Vuggy

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log #78998

NEWMONT GOLD COMPANY
TWIN CREEKS MINE CHIP LOG

COORDINATES _____ N _____ E ELEV. _____ HOLE NUMBER MO19-26

PROJECT HYDROLOGY FINAL DEPTH 1005 LOGGED BY M. E. JONES BEARING _____ INCL. -90 DRILLING METHOD RC

DATE 1/13/99 PAGE 1 OF 4

GRAPHIC LOGS: INTERVAL	ASSAY	GRAPHIC LITHOLOGY	LITHOLOGY: FORMATION	LOCAL FORMATION	ROCK TYPE	LOCAL ROCK UNIT	MODIFIER	ALTERATION: SIL	CLAY	DECALC	DOLOMITE	PROP	SER	LOC_ALT	METALLURGY: CARB	CO3	FEOX	SULF	ZONE	LOC_MET	STRUCT.: BRECCIA	FAULT	GOUGE	VEINS: VEIN 1	VEIN 2	MINERALS	DESCRIPTION
0 - 40			QAL	QTu	gvl				2							1	3										Tan-Brn, Poorly Sorted Alluvial GRAVELS in Tuffaceous silty/SANDY MATRIX WEAKLY CALCAREOUS
40 - 65			OVL		St			1	1							1	3										LtTAN SHEARED Th-Lam, Siltstone & Siliceous Siltstone WITH Fg SAND AND chert intermixed
65 - 75			OVL		GRNST				1			2				1	1										BRN-GRN. Vfu-fu GREENSTONE, Propylitic Chlorite
75 - 110					Ms		Silty		2								3										LtGY, Tan, Pink, -th-Lam, interbedded mudstone & siltstone
110 - 135					tuff		Silty		2							1	3										Tan, LtBrn-Pink, Fu-VfL Tuff w/ interbedded siltstone beds, Remnant Sulfide MOLDS/CASTS (SHEARED Th beds)
135 - 150					Int				2							1	3							Calc			Red/Brown Fl Fu size, Equigranular Phenos, Intrusive/ Poss GREENSTONE Argillized & OXIDIZED HEMATITE
150 - 165					GRNST				3							1	3										Tan-Pink (Fu) GREENSTONE Argillized Cl3 Limonite
165 -					St		Tufa	2	2							1	3							QtzVn			LtGY, Tan, Brn, Pink Th-Lam, Interbedded siltstone, Tuff, mudstone chert w/TRACE OF GRNST → Sheared + Bad Contamination
200 - 215					GRNST				2							1	3										RD-BRN Fl-Fu GREENSTONE w/ interbedded Siltstone & VFL SANDS
215 - 245			OVL		St		tufa	2	2						1	1	2						1	QtzVn			Tan-MdGY, Th-Lam Siltstone Tuffaceous w/ GREENSTONE, Qtz Veins TRACE OF CARBON Highly Argillized GREENSTONE, SHEARED Chips HEMATE Clay on FRFS Possible Gouge
245 - 300			OVL		St			2	1							1	3						1	QtzVn			Tan Brown Th-Lam Siltstone & Mudstone sheared Poss silicified greenstone & tuff chips (Minor) (Clay Gouge 245-250)

GEOLOGY

01/19/99 TUE 09:56 FAX 7756354751 002

log #78998

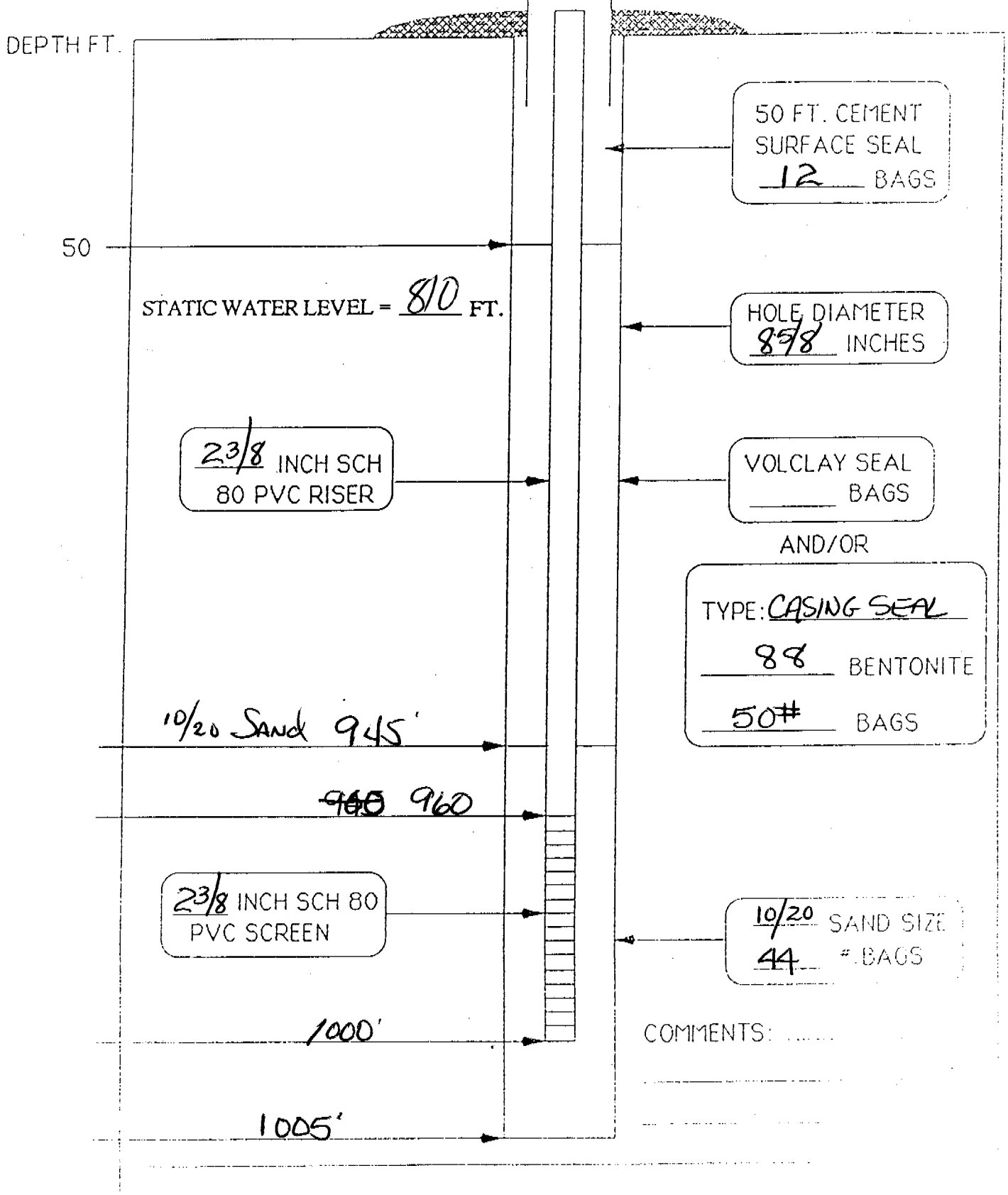
WELL #M/O 19-26

DRILLER

DATE OF COMPLETION 1/9/99

GEOLOGIST

SURFACE CASING
DIAMETER 7 5/8 INCHES
LENGTH 15 FEET



COMMENTS: