6000 0554

Mining District File Summary Sheet

DISTRICT	Rosebud
DIST_NO	4010
COUNTY If different from written on document	Pershing
TITLE If not obvious	Rosebud Drill Hole File - Hole No RS-444
AUTHOR	G. Langstaff; C. Ballew; R. Vance; S King;
DATE OF DOC(S)	1998
MULTI_DIST Y / (N?) Additional Dist_Nos:	
QUAD_NAME	Sulphur 7.5'
P_M_C_NAME (mine, claim & company names)	Rosebud Mine Newmont Exploration, Ltd; Newmont Gold Co.
COMMODITY If not obvious	gold; silver
NOTES	drill logs; assay; geology; photographs; geochemistry; total depth 2047'; invoices 118p.

Keep docs at about 250 pages if no oversized maps attached
(for every 1 oversized page (>11x17) with text reduce
the amount of pages by ~25)

SS: DD 3/19/08
Initials Date
DB:
Initials Date
SCANNED:
Initials Date

Revised: 1/22/08

RS-444

60000559
4010

60000554

NEWMONT EXPLORATION LIMITED — DRILL HOLE SUMMARY

Project: Rosebud Location: Dreamland Drill Hole No.: RS-444

State: NV Co.: Pershing T.: R.: S.:

Purpose: SE Offset to RS-425 Results:

Date Started: RC on 6/20 Date Finished:

Grid System: Northing: 2207109 Easting: 479634 Elevation: 5548

Collar Az/Inc.: / -90 Drill Site: AC Total Depth: 2047

Geologist(s): Log Date(s): Laboratory:

HOLE CONSTRUCTION AND HISTORY CASING (INTERVAL):

From	To	Hole Type/Size	Started	Completed	Contractor
0	1440	RC /			Eklund (Dennis White)
1440	2047	Core / HQ			BoArt Longyear
		/			
		/			

LITHOLOGIC SUMMARY				ALTERATION/ MINERALIZATION	SIGNIFICANT ASSAYS				
From	To	Formation	Rock Type		From	To	Width	Au oz/st	Cutoff

DOWNHOLE SURVEYS

Directional: Silver State Date: 7/8/98

Other

Depth (ft)	Azimuth	Inclination
1440	186°	-82

Water Table Depth:

Water Flow Rate:

COMMENTS

Newmont Gold Rotary Form

Hole# RS-444 **Logged by** G. Langstaff **Date** 11/17/98

Area Dreamland **Coords**

Az/Incl **Total Depth** **Contractor**

Footage	Litho: Formation	Litho: Rock type	Litho: Color	Au oz/st	Ag oz/st	Graphic	Structure: fault	Structure: breccia	Structure: vein	Structure: gouge	Comments	Alteration: Silic	Alteration: argillic	Alteration: clay	Alteration: prop	Alteration: Sericite	Alteration: Chlorite	Met.: FEOX	Met.: CO3	Met.: Sulfide	Mineralogy: Pyrite	Mineralogy: Marcasite	Mineralogy: Calc/Dolo	Mineralogy: Clay
0		Sat-Invisible?									5–92: porphyritic-aphanitic with common very finely lumpy texture; probably 3-5% feldspar phenocrysts up to 3 mm but too altered to be sure; v. rare quartz; variable abundance of mmb (all altered); if mafics, too altered to see	5						1			0	0	3	
		Feldspar-phyric rock with mmb and very rare quartz										1	2										1	
											vugs with drusy quartz													
20											green prism, feldspar mold												0	
																		limonite						
40											quartz + limonite vein	0												
											quartz + pyrite ± white clay ± marc? vein										1			
											50–90: microlumpy texture							0						
60											qtz grain		1										0	
											mmb with microlites, yellow and green feldspar												2	
																							3	
80																							2	
																							0	
											green and very pale yellow feldspar													
											qtz + pyrite + marc? vein; one chip with mmb, pale yellow-grey feldspar <1mm										tr	1 tr?		
100											92–470: matrix and clast-supported, angular to subrounded conglomerate composed mostly (or entirely?) of feldspar-phyric rock with mmb green prisms										1			
																							0	
																							1	
120											mmb?													
																							2	
																							3	
140											dark and pale green prisms													
160		Conglomerate or breccia	Very pale grey and grey-brown								green prisms													
																							3	
																							2	
180											vein calcite													
																							3	
																		0						
											white feldspar 3mm							tr						
200											green feldspar?	0	1	0	0	0	0	tr			1	0	3	

Newmont Gold Rotary Form

Hole# RS-444
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Date 11/17/98
Area Dreamland
Coords
Az/Incl
Total Depth
Contractor

Footage	Litho: Formation	Litho: Rock type	Litho: Color	Au oz/st	Ag oz/st	Graphic	Structure: fault	Structure: breccia	Structure: vein	Structure: gouge	Comments	Alteration: Silic	Alteration: argillic	Alteration: clay	Alteration: prop	Alteration: Sericite	Alteration: Chlorite	Met.: FEOX	Met.: CO3	Met.: Sulfide	Mineralogy: Pyrite	Mineralogy: Marcasite	Mineralogy: Calc/Dolo	Mineralogy: Clay
200		breccia or conglomerate	very pale grey and reddish brown								chip with mmb and fine green prisms	0	1	0	0	0	0	tr			1	0	3	
											mmb with relict microlites													
											215–300: silicified? red breccia matrix and veins												3	
											calcite vein	tr	2										2	
220											green and vitreous feldspar													
											mmb replaced by pyrite?												3	
											pale green and vitreous feldspar, green prism													
240											vitreous feldspar												2	
											green feldspar (?)												1	
											calcite and calcite + pyrite or mmc? veins, qtz + pyrite vein													
260											qtz + marc vein, calcite vein												1	
																							2	
											mmb with relict microlites										1		1	
																							0	
280			very pale grey, brown and grey																		tr		1	
																							2	
											vitreous and green feldspar													
																		tr						
300											minor clay in sample	0	0					1			0			
											mmb													
											pale grey euhedral feldspar 1.5mm													
320																								
											grey clast with white feldspar													
340											mmb													
																							2	
																		1					1	
											grey clast with vitreous feldspar												2	
360											mmb w/ felted microlites													
380			red and pale to medium grey																					
											mmb												1	
											grey and white clasts in same chip													
400												0	0	0	0	0	0	1			0	0	1	

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Area
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Total Depth
Contractor

Footage	Litho: Formation	Litho: Rock type	Litho: Color	Au oz/st	Ag oz/st	Graphic	Structure: fault	Structure: breccia	Structure: vein	Structure: gouge	Comments	Alteration: Silic	Alteration: argillic	Alteration: clay	Alteration: prop	Alteration: Sericite	Alteration: Chlorite	Met.: FEOX	Met.: CO3	Mineralogy: Sulfide	Mineralogy: Pyrite	Mineralogy: Marcasite	Mineralogy: Calc/Dolo	Mineralogy: Clay
400		breccia or conglomerate	reddish-grey								lots of mmb		0					tr			0	0	1	
			red-grey v. pale grey								mmb													
420											vitreous and green feldspar		1					0			1		0	
			very pale brown								hard red fracture-filling, white clay vein													
440											white and green feldspar													
460											green feldspar?, mmb												0	
											vitreous and pale green feldspar, mmb		tr					tr			0		1	
480		feldspar-phyric with mmb	reddish grey with some v. pale grey chips								microhornblende, mmb, vitreous feldspar													
											anhedral vitreous feldspar 2mm, pale green feldspar													
500											470-920c weakly porphyritic-aphanitic with 1-2% subhedral-anhedral feldspar phenocrysts rarely up to 3mm (probably both sanidine and plag), rare biotite <1mm and very rare quartz; variable abundance of mmb; microphenocrysts of acicular hornblende <1mm rarely visible (in weakly bleached chips) white feldspar													
											white and vitreous feldspar, greenish-white clay vein												1 / 2	
520											green feldspar, vitreous sanidine		trace or from above											
540											5mm, twinned, vitreous sanidine, mmb							1						
			reddish grey								vitreous feldspar, mmb		0											
560											3mm vitreous feldspar							1						
			pale brownish-grey								green feldspar		tr					0			tr		2 / 1	
580											vein of pyrite + white clay + calcite												2	
			grey-red										0					1			0			
600											vitreous feldspar, mmb (some with microlites)		0	0	0	0	0	0						

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Footage	Litho: Formation	Litho: Rock type	Litho: Color	Au oz/st	Ag oz/st	Graphic	Structure: fault	Structure: breccia	Structure: vein	Structure: gouge	Comments	Alteration: Silic	Alteration: argillic	Alteration: clay	Alteration: prop	Alteration: Sericite	Alteration: Chlorite	Met.: FEOX	Met.: CO3	Met.: Sulfide	Mineralogy: Pyrite	Mineralogy: Marcasite	Mineralogy: Calc/Dolo	Mineralogy: Clay
600		feldspar-phyric with mmb									qtz?, white and pale grey feldspar, mmb	0	tr	0	0	0	0	1			0	0	2	
											mmb, biotite, hornblende?, green and white feldspar		0											
620											vitreous feldspar, mmb													
											qtz grain w/biotite inclusion?, mmb, white feldspar													
640		breccia																					2	
660		feldspar-phyric with mmb									mmb, 2mm feldspar													
680											mottled texture 690-700													
											white and vitreous feldspar, mmb													
											fine biotite flake													
700											vitreous feldspar, green prism, laminations												2	
											vitreous feldspar, mmb													
											mmb													
720		breccia or possibly conglomerate	greyish red															1						
																		2						
740																								
760		feldspar-phyric with mmb	pale and medium grey and red																					
780											white feldspar, mmb													
											vitreous feldspar, mmb													
800												0	0	0	0	0	0	2			0	0	2	

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Footage	Formation	Rock type	Color	Au oz/st	Ag oz/st	Graphic	Structure: fault	breccia	vein	gouge	Comments	Alteration: Silic	argillic	clay	prop	Sericite	Chlorite	Met.: FeOX	CO3	Sulfide	Mineralogy: Pyrite	Marcasite	Calc/Dolo	Clay
800		feldspar-phyric with mmb, only rare biotite, and v. rare qtz	grayish red								vitreous feldspar, mmb							2			0	0	2	
820											feldspar, mmb; 2 brown-green chips also have feldspar													
840											dominantly granular (microlumpy) texture to 860' vein calcite													
											mmb, feldspar													
			medium grey and red								granular texture, mmb, feldspar							2 1						
860											mmb, white and vitreous feldspar, biotite?													
880											vitreous feldspar, greenprisms, qtz, microhornblende													
											biotite?													
900											twinned vitreous sanidine, anhedral, 2mm biotite?												2	
920											vitreous and white feldspars in same chip													
		monomict(?) breccia or conglomerate with clasts of rock below	pale grey and red								920-1020: monomict?, clast and matrix-supported breccia of biotite-feldspar-phyric rock with mmb or could be part of conglomerate below												1	
940											mmb, white feldspar													
											vitreous feldspar													
											dominantly clastic textures												tr?	
960											weakly altered mmb with tourmalites													
											one chip with biotite, feldspar, microhornblende												1 2	
980											pyrite chip, mmb													
											biotite													
											mmb													
1000											vitreous feldspar	0	0	0	0	0	0	1			0	0	2	

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Total Depth
Contractor

Footage	Formation	Rock type	Color	Au oz/st	Ag oz/st	Graphic	Structure: fault	breccia	vein	gouge	Comments	Alteration: Silic	argillic	clay	prop	Sericite	Chlorite	Met.: FeOx	CO3	Sulfide	Mineralogy: Pyrite	Marcasite	Calc/Dolo	Clay
1000		monomict? breccia	pale grey with red								mmb, biotite and feldspar in volcanic chips	0	0	0	0	0	0	1			0		2	
1020											vitreous feldspar up to 3mm, mmb more common than below							1						
		very pale brownish	reddish-grey								some clasts with bleached margins 1020–1120: polymict?, clast?- and matrix supported conglomerate with generally subangular clasts in dark muddy matrix; clasts of biotite, feldspar, variously bleached generally aphyric rock; could all be from unit below except muddy matrix							tr						
1040			gray								white chip with pale grey-green feldspar ± pyrite		1					0			1			
													0					tr					2	
1060		muddy polymict(?) pebble conglomerate									chip with biotite, feldspar							tr						
											clastic feldspar							1						
1080											volcanic chip with feldspar chip with clastic biotite, speckled and homogeneous aphyric clasts													
1100											polymict chips?, clastic biotite												2	
											chip with biotite chips with feldspar													
1120			reddish grey								subhedral-anhedral, white and vitreous feldspar up to 2mm biotite < 1mm 1120–1440: porphyritic-aphanitic with ~3% subhedral/anhedral feldspar (some is sanidine, some probably plag) up to 2mm (commonly <1mm) and ~1% euhedral biotite generally ≤.5mm, and rare microhornblende; variable mmb <5mm, commonly ≤2mm													
1140		biotite-feldspar-phyric with mmb									biotite, white and vitreous feldspar, possibly mmb		0					1			tr			
													1					0						
1160			very pale grey								grey mmb? in bleached clast vein calcite, vein pyrite white and pale green feldspar, biotite										1		2 1	
																					1			
													0					1			0		3	
1180			reddish grey								microhornblende in bleached clast												2	
											biotite													
1200											white feldspar, mmb													

Newmont Gold Rotary Form

Hole# RS-444
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Date 11/17/98
Area
Coords
Az/Incl
Total Depth
Contractor

Footage	Formation	Rock type	Color	Au oz/st	Ag oz/st	Graphic	Structure: fault	breccia	vein	gouge	Comments	Alteration: Silic	argillic	clay	prop	Sericite	Chlorite	Met.: FEOX	CO3	Sulfide	Mineralogy: Pyrite	Marcasite	Calc/Dolo	Clay
1200		biotite-feldspar-phyric rock w/mmb									white feldspar, biotite, mmb	0	0	0	0	0	0	tr			0		2	
1220											white feldspar													
		breccia									1232-1240: monomict(?), matrix-supported breccia with subangular bleached clasts with mmb, possibly mostly sand-size clasts rather than pebbles, in red matrix													
1240																		0						
											white-vitreous feldspar, biotite												2	
1260											mmb with microlites and with white halo in dark grey chip													
											twinned white feldspar (sanidine?), biotite, microhornblende in same chip													
1280											vitreous feldspar up to 2mm													
1300											mmb, white feldspar												2	
											most chips with white feldspar, less common mmb, biotite													
1320		biotite-feldspar-phyric rock with mmb	brownish grey								mmb, white feldspar													
1340											vitreous feldspar, biotite							0						
																		tr						
											vitreous feldspar 1-2mm													
1360											biotite, hornblende?							1						
																		tr						
			pale and medium grey										tr											
1380											granular texture, mmb, biotite													
											white feldspar up to 2mm		0											
1400											biotite, pale green feldspar, mmb	0	tr	0	0	0	0	0			0	0	2	

Newmont Gold Rotary Form

Hole# RS-444
Logged by G. Langstaff
Date 11/17/98
Area Dreamland
Coords
Az/Incl
Total Depth
Contractor

Footage	Litho: Formation	Litho: Rock type	Litho: Color	Au oz/st	Ag oz/st	Graphic	Structure: fault	Structure: breccia	Structure: vein	Structure: gouge	Comments	Alteration: Silic	Alteration: argillic	Alteration: clay	Alteration: prop	Alteration: Sericite	Alteration: Chlorite	Met.: FEOX	Met.: CO3	Met.: Sulfide	Mineralogy: Pyrite	Mineralogy: Marcasite	Mineralogy: Calc/[illegible]	Mineralogy: Clay
1400		biotite-feldspar-phyric w/mmb									white feldspar in pale pink hostrock	0	1	0	0	0	0	0				tr	0	
											pale green phenos												1	
1420																								
											white, vitreous, and green feldspar ± pyrite										tr	0	2	
											pyrite after biotite													
											round, vitreous feldspar <1mm, smaller biotite													
											possible mmb ~2mm, also green feldspar(?)		0					tr			0			
1440											T.D. 1440													
			reddish-brown																					
1460																								
1480																								
1500																								

Newmont Gold Rotary Form

Hole# RS-444
Logged by HBM
Date 4/22/99
Area
Coords
Az/Incl
Total Depth 1440
Contractor

Footage	Litho: Formation	Litho: Rock type	Litho: Color	Au oz/st	Ag oz/st	Graphic	Structure: fault	Structure: breccia	Structure: vein	Structure: gouge	Comments	Alteration: Silic	Alteration: argillic	Alteration: clay	Alteration: prop	Alteration: Sericite	Alteration: Chlorite	Alteration:	Met.: FEOX	Met.: CO3	Met.: Sulfide	Mineralogy: Pyrite	Mineralogy: Marcasite	Mineralogy: Calc/Dolo	Mineralogy: Clay
0											PAD FILL														
50	CHOCO.	OCHER PK CRM TAN						3			STRLY OXIDIZED WITH HIGHLY VARIABLY FeOx COLORS & BLCHING. TAN WALLRK WITH LOCAL STR. BLCHING. RELICT PLAG PHENOCRYSTS NOW SHOT TO WAXY CRM & GRN CLAY. OCHER YELLOW A/O PINK-RED FeOx STAINING ON JOINTS, COATED WITH BRN FeOx.	3		2					3			2				
100		LT. GRN-GRY						2 2			COARSE GRAIN POSSIBLY DUE TO RECRYSTALLIZATION. LOCALLY CHIPS SEEM SPECKLED WITH QZ ALT'N. SILICATION? CONT'D SPARSE (WK) ~~PLAG~~ LATHS ALTERED TO BLUE-GRN CLAY. SOME POSSIBLE hb RELICTS NOW FILLED WITH GRN CLAY OR PY.	2 2										1 2 2			
150											~125'- : FIRST ANGULAR SAND-SIZED BRECCIA. MOST FRAGMTS SAME AS ABOVE LITHOLOGY. STILL V. BLCH'D & ALTERED.														
200		SPECKLED WHT & BRICK RED									BRECCIA TEXTURE WELL-DEVELOPED BY ~165' SOME FINELY FLOW BANDED CRYPTO CRYSTALLINE FRAGMTS, SOME FEATURELESS APHANITIC. CLEARLY HETEROLITHIC BUT NOT STRLY.														
250											FROM ~205': MATRIX MAT'L IS STRLY BRICK RED AND V. ANGULAR FRAGMTS ARE BLCHD WHT. ψ CRYST LATHS REPLACED W/ BLUE-GRN CLAY.														
350		GRY, BRICK RED, BRN									295': ALTERATION DECREASES MARKEDLY, & FRAGMT POPULATION APPEARS MUCH MORE UNIFORM, PROBABLY MONOLITHIC PALE DULL PURPLE APHANITIC FRAGMTS IN MUCH SPARSER BRICK RED MATRIX. 335': MATRIX PICKS UP AGAIN														
400	RQL	DULL PRPL CRM									355': CLEAR UNALTERED RESORBED (?) OVAL ψ CRYST, BMB TYPE. TO 365', IN WITH RED MATRIX BRECCIA 380': OVAL UNALTERED FSP ψ CRST. IF THESE WERE PRESENT ABOVE THEY WOULD NOT HAVE BEEN IDENTIFIABLE DUE TO ALT'N. FRAGMT POPULATION ESPECIALLY SAND & SMALL PEBBLE-SIZED MAT'L CONTINUES APHANITIC FEATURELESS & BLCH'D PINK-WHT														
450		CRM + TAN SALMON						2 2			FROM 425': ~~INCREA~~ HETEROLITHIC. DEVITRIFIED GRY FLOW BANDED FRAGMTS, +/- QZ ψ CRSTS, SHOW UP 440': MINOR JASPEROID MATRIX	2													
500		CRM + LT PRPL									FROM ~450': DECREASED MATRIX. SUGGESTION THAT THIS IS A BRECCIA VNED SOLID UNIT. PROBABLY WELDED. SOME "FLOW" BANDING IN FRAGMTS. MORE HOMOGENEOUS ROCK TYPE														

Newmont Gold Rotary Form

Hole# RS-444 | Logged by HBM | Date 4/22/99 | Area | Coords | Az/Incl | Total Depth | Contractor | Page 2 of

Footage	Formation	Rock type	Color	Au oz/st	Ag oz/st	Graphic	Structure: fault	breccia	vein	gouge	Comments	Alteration: Silic	argillic	clay	prop	Sericite	Chlorite	Met.: FEOX	CO3	Sulfide	Mineralogy: Pyrite	Marcasite	Calc/Dolo	Clay
500	BMB TYPE R/K		GRY LT. GRY; BRICK RED GRY; GRY LT TAN								AARE QZ ψ CRSTS 500'-550': SPARSE BLUE-GRN CLAY-ALTERED LATHS 1-2mm EITHER PLAG OR hb, & UNALTERED OVAL FSPS. I'M SEEING BMB-TYPE PHENOCRYSTS BUT THE GROUNDMASS IS WIDELY FLOW-BANDED & LOCALLY CATACLASTIZED OR MBXAT'D. ALSO THE "TYPE" PHENOCRYST IS MORE SPARSELY DISTRIBUTED THAN I WOULD HAVE EXPECTED																
550																								
600											610-620': ULTRA APHANITIC MOD'LY PORPHYRITIC FRAGMTS IN RED MATRIXED BXA LIKE THAT SEEN ABOVE. POSSIBLE BRECCIATED CHILL MARGIN?													
650																								
700	DIKE?		RED BRN TO BRICK RED								655'-~745: EXTREMELY APHANITIC. POSSIBLE DIKE. APHYRIC, HARD UNBLCH'D. POSSIBLE CHILLED MARGIN. NO BXA. 685': CONT'D UNBRECCIATED. SLIGHTLY COARSER GRAINED & SOME FLOW OR USEGANG BANDING BY 700': SOME CATACLASTIC TEXTURE, INCREASING TO BRECCIA OR VEIN BRECCIA DOWNHOLE (MONOLITHIC) BY 740': BXAT'D CHILL MARGIN MAT'L; V. APHANITIC ANGULAR FRAGMTS IN RED MATRIX BXA.																
750											765-770': AS ABOVE.													
800	~~[illegible]~~	BRICK RED LT. GRY									745'-873': SOMEWHAT LESS APHANITIC, MASSIVE, ~~APHYRIC~~ ~~BMB TYPE RK~~. LOCAL HmOx PSEUDOBRECCIA. SPARSE CLEAR/WHT PLAG PHENOCRYSTS.													
850											850': CLEAR/WHT SPARSE FSP PHENOCRYSTS IN INCREASINGLY COARSE-GRAINED POSSIBLY EVEN CATACLASTIZED LOCALLY.													
900	BMB/DIKES										~873': V. APHANITIC DIKE? RK LIKE FROM 655'-745'. COARSENS DOWNHOLE. REMAINS APHYRIC ONLY TO 915. 915': CLEAR/WHT FSP PHENOCRYSTS 925-930': V. APHANITIC & BXAT'D													
950																								
1000																								

Newmont Gold Rotary Form

Hole# RS-444
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Date 4/23/99
Area
Coords
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Total Depth
Contractor

Footage	Lithe: Formation	Lithe: Rock type	Lithe: Color	Au oz/st	Ag oz/st	Graphic	Structure: fault	Structure: breccia	Structure: vein	Structure: gouge	Comments	Alteration: Silic	Alteration: argillic	Alteration: clay	Alteration: prop	Alteration: Sericite	Alteration: Chlorite	Alteration:	Met.: FEOX	Met.: CO3	Met.: Sulfide	Mineralogy: Pyrite	Mineralogy: Marcasite	Mineralogy: Calc/Dolo	Mineralogy: Clay
1000	BMB/DIKES		BRICK RED/LT. GRY								A VARIABLY APHANITIC/DEVITRIFIED & FLOW STRIATED FRAGMTS IN LT. GRY +/- BRICK RED BANDING															
											FLOW-BANDED FRAGMTS CONTAIN ESP. & QZ PHENOCRYSTS - COMMONLY BROKEN (PROBABLE SANIDINE)															
1050											SAME LITH TYPES AS ABOVE														
											1040-1045': BLCH'D CRM														
1100											1085': SPHERULITES IN FRAGMTS SANIDINE ~~ESP~~ PHENOCRYST CONTENT INCREASES TO STR. SMALLER MORE ALTERED PLAG LATHS ALSO INCREASED. MATRIX SPARSE & RK MAY BE LARGELY UNBXAT'D.															
1150			CRM																						
			BRICK RED/GRY																						
1200											1200' TD														
1250											NO GOOD MARKER UNITS EXCEPT ONE APHYRIC DIKE APPEAR TO BREAK OUT OF BMB TYPE DIKE SWARM ~ 1956' & INTO VARIABLY FLOW BANDED & AUTOBRECCIATED DOZER															
1300																									
1350																									
1400																									
1450											1440' TD														

Hole# RS-444
Logged by HBM
Date 5/11/99

Area
Coords N
E

Newmont Gold Company

Core Form

Az/Incl
Total Depth 2047
Contractor

Footage	% Rec	RQD	Litho: Formation	Litho: Rock type	Litho: Color	Au oz/st	Ag oz/st	Graphic	Attitudes	Structure: Fault	Structure: Breccia	Structure: Vein	Structure: Gouge	Comments	Alteration: Silic	Alteration: Argillic	Alteration: Clay	Alteration: Prop	Alteration: Sericite	Alteration: Chlorite		Met.: FEOX	Met.: CO3	Met.: Sulfide	Mineralogy: Pyrite	Mineralogy: Marcasite	Mineralogy: Calc/Dolo			Mag Susc.
1430														1438.0 CORE PT.																
1440					GRY									RQL-LIKE PORPHYRY LACKING THE CHARACTERISTIC FLOW-BANDING FOUND HIGHER IN SECTION. QZ= CLEAR COLORLESS NOT SMOKY & NO OVAL SANIDINE ψ CRYSTS. MAFICS STRLY ALTERED BUT INITIALLY AMPHIBOLE >> BIOTITE SEE LANGSTAFF FOR VOL %S																	
1450																														
1460														1438.0 - 1483.5': FLOW(?) BRECCIA. SUB-ANGULAR BLOCKS OF ONE LITHOLOGY THE SAME AS THAT FOUND BELOW COMMINUTED MATRIX PROBABLY DERIVED FROM THE SAME SOURCE.																	
1470					RED & LT PURPLE				35 SLICKS																					
1480					+/- GRY																									
1490					RED & LT PURPLE TO PURPLE									1483.5'-1493: SOLID, UNBRECCIATED & PERVASIVELY HEMATIZED. LITHOLOGY AS SEEN UNDER SCOPE: MASSIVE FINE-GRAINED, LIGHT PURPLE GROUNDMASS. MODERATE TO SPARSE CLEAR COLORLESS QZ PHENO-CRYSTS. MODERATE WAXY WHT TO CRM COLORED PLAG FSP RELICTS. DARK BLEBS < 2 mm ACROSS = POSSIBLE (hb) MAFIC RELICTS. mmbs COMMON																	
1500																														

Hole# RS-444
Logged by WM
Date 5/11/99

Area
Coords N
E

Newmont Gold Company

Core Form

Az/Incl
Total Depth 2047
Contractor

Footage	% Rec	RQD	Litho: Formation	Litho: Rock Type	Litho: Color	Au oz/st	Ag oz/st	Graphic	Attitudes	Structure: Fault	Structure: Breccia	Structure: Vein	Structure: Gouge	Comments	Alteration: Silic	Alteration: Argillic	Alteration: Clay	Alteration: Prop	Alteration: Sericite	Alteration: Chlorite	Alteration:	Met.: FEOX	Met.: CO3	Met.: Sulfide	Mineralogy: Pyrite	Mineralogy: Marcasite	Mineralogy: Calc/Dolo	Mineralogy:	Mineralogy:	Mineralogy: Mag Susc.
1500					RED & LT PURPLE TO PURPLE									MODERATE SHEARING OF ~~SA~~ EARTHY RED HMOX +/- CALCITE ON FRAX.																
														CONTINUED MONOLITHIC TO NEAR MONOLITHIC BRECCIA TEXTURALLY AS DESCRIBED ON PREVIOUS PAGE																
1510																														
1520																														
1530					GRY +/- CRM TAN																									
1540																														
1550														MAJOR RK TYPE: 1570 : QZ PHENOCRYSTS ABSENT, OTHERWISE MOST FRAGMT MATERIAL IS AS DESCRIBED ABOVE. MAFICS + FSP TEND TO FORM EQUANT GLOMERO-PORPHYRITIC CLUSTERS																		
1560														1561 - 1562': XENO-CLAST? PRIMARILY MONOLITHIC BXA UNIT. MODERATE PLAG Ψ CRYSTS SHOT TO WAXY PALE GRN CLAY +/- SPECCULARITE. MAFICS = MOSTLY AMPHIBOLE NOW SHOT TO SPECULARITE + WAXY DARK GRN CLAY. POSSIBLY SOME SANIDINE BUT NOW WITH STRONG CLAY ALT'N																		
1570														FG TO MG GRY GROUNDMASS.																

Hole# RS-444
Logged by TBM
Date 5/11/99

Area
Coords N
E

Newmont Gold Company

Core Form

Az/Incl
Total Depth 2047
Contractor

Footage	% Rec	RQD	Litho: Formation	Litho: Rock type	Litho: Color	Au oz/st	Ag oz/st	Graphic	Attitudes	Structure: Fault	Structure: Breccia	Structure: Vein	Structure: Gouge	Comments	Alteration: Silic	Alteration: Argillic	Alteration: Clay	Alteration: Prop	Alteration: Sericite	Alteration: Chlorite	Alteration:	Met.: FEOX	Met.: CO3	Met.: Sulfide	Mineralogy: Pyrite	Mineralogy: Marcasite	Mineralogy: Calc/Dolo	Mineralogy:	Mineralogy:	Mag Susc.
1570																														
1580																														
1590														1595'- : MASSIVE, SOLID, UNBRECCIATED SINGLE UNIT LOCALLY LISEGANG BANDED BUT NOT FLOW-BANDED. CONT'D SAME LITH TYPE AS DOMINATED IN BXA ABOVE.																	
1600					PURPLE									1600'- ~1620' : STR. UNHEALED FRAX NOW COATED W/ EARTHY RED HmOx STAINING																
1610																														
1620														~1620'- : MOD. HmOx-STAINED FRAX CONT'D																
1630														SCOPE SAMPLE 1635' : QZ PHENOS MOD/SPARSE & ANHEDRAL. WAXY WHT-GRN CLAY-ALTERED PLAG, COMPARATIVELY SPARSE. TRACE SANIDINE PRESENT. MAFICS (hb) SHOT TO VFG DARK REPLACEMT MINERALS. MMB'S COMMON. GROUND-MASS AS DESCRIBED ABOVE.																
1640																														

Hole# RS-444 | Area | Az/Incl
Logged by FDM | Coords N | Total Depth 2047
Date 5/11/99 | E | Contractor

Newmont Gold Company

Core Form

Footage	% Rec	RQD	Litho: Formation	Litho: Rock type	Litho: Color	Au oz/st	Ag oz/st	Graphic	Attitudes	Structure: Fault	Structure: Breccia	Structure: Vein	Structure: Gouge	Comments	Alteration: Silic	Alteration: Argillic	Alteration: Clay	Alteration: Prop	Alteration: Sericite	Alteration: Chlorite	Alteration	Met.: FEOX	Met.: CO3	Met.: Sulfide	Mineralogy: Pyrite	Mineralogy: Marcasite	Mineralogy: Calc/Dolo			Mag Susc.
1640					PURPLE +/- RED				FLOW 35																					
1650														~1650': BACK INTO WK BRECCIATN ALMOST CLASTIC UNLTS OF VCG SAND-SIZED MAT'L CUTTING INTACT, MASSIVE RQL-TYPE PORPHYRY.																
1660														SCOPE SAMPLE																
1670														1676': OVAL ~~VESICLES~~ SANIDINES! WHT CLAY ALTERED PLAG CLUSTERS WITH DARK, WAXY BRN-GRN CLAY IN ASSOC'D MAFICS FG MASSIVE LT. PURPLE GROUNDMASS AS ABOVE. TRACE mmb's SOME OVAL VESICLES IN THE MIXED GLOMEROPORPHYRITIC CLUSTERS WITH PLAG & MAFICS, PARTIALLY ~~FILLED~~ ALTERED TO CALCITE.																
1680																														
1690														1686': BACK INTO LESS BXAT'D RK. NOTICEABLY MORE FSP CLUSTERS. TEND TO BE GLOMEROPORPHYRITIC																
1700					PINK GRY									SCOPE SAMPLE 1707: COPIOUS OVAL ~~VESICLES~~ SANIDINE // TO GLA PARTLY ALTERED TO GRN CLAY + CALCITE PLAG TO WHT & GRNISH CLAY + CALCITE. DISS'D BRASSY Py.																
1710																														

Hole# RS-444 | Area | Az/Incl
Logged by AHM | Coords N | Total Depth 2047
Date 5/11/99 | E | Contractor

Newmont Gold Company

Core Form

Footage	% Rec	RQD	Litho: Formation	Litho: Rock type	Litho: Color	Au oz/st	Ag oz/st	Graphic	Attitudes	Structure: Fault	Structure: Breccia	Structure: Veln	Structure: Gouge	Comments	Alteration: Silic	Alteration: Argillic	Alteration: Clay	Alteration: Prop	Alteration: Sericite	Alteration: Chlorite	Alteration:	Met.: FEOX	Met.: CO3	Met.: Sulfide	Mineralogy: Pyrite	Mineralogy: Marcasite	Mineralogy: Calc/Dolo	Mineralogy:	Mineralogy:	Mineralogy: Mag Susc.
1710					PURPLE +/- RED									SOLID UNBXAT'D BY 1690'. CONT'D UNBXAT'D TO CHILLED CONTACT																
1720														HI SANIDINE CONTENT TO CHILLED MARGIN																
1730														1744': SCALLOPED, SOMEWHAT DARK, APHANITIC CHILLED CONTACT ~3" WIDE AGAINST BRECCIAT'D STRLY FLOW-BANDED. CONTINUED STR. PHENOCRYST CONCENTRATION.																
1740					LT. GRY/ PINK				25 CONTACT FLOW																					
					GRY WHT									1746-1755': UNBRECCIATED BLOCK OF BLCH'D FLOW-BANDED DOZER.																
1750														1755'-1778': BRECCIATED FLOW-BANDED DOZER. 3-5 % Bt MICROLITES																
1760																														
1770														1778': THIN HEALED FAULT BRECCIA CONTACT AT 30° TO C/A. NO CHILLED MARGIN IN DIKE, OR OVERPRINTED ~~##~~ WITH INTERNAL BXA															
1780									30					1778'- :																

Hole# RS-444
Logged by HJM
Date 5/12/99

Area
Coords N
E

Newmont Gold Company

Core Form

Az/Incl
Total Depth 2047
Contractor

Footage	% Rec	RQD	Litho: Formation	Litho: Rock type	Litho: Color	Au oz/st	Ag oz/st	Graphic	Attitudes	Structure: Fault	Structure: Breccia	Structure: Veln	Structure: Gouge	Comments	Alteration: Silic	Alteration: Argillic	Alteration: Clay	Alteration: Prop	Alteration: Sericite	Alteration: Chlorite	Met.: FEOX	Met.: CO3	Met.: Sulfide	Mineralogy: Pyrite	Mineralogy: Marcasite	Mineralogy: Calc/Dolo	Mineralogy:	Mineralogy:	Mag Susc.
1780					LT GRY									1778.5'-~1793' = BLCH'D WARM LT. GRY & UNBRECCIATED RQL FEEDER DIKE. SOME ALIGNMT OF ψ CRYSTS // CA																
														1789': SCOPE SAMPLE FG MASSIVE GRY GROUNDMASS, MODLY GLOMEROPORPHYRITIC & INDIVIDUAL PLAG SHOT TO CHALKY WHT CLAY. OVAL SANIDINES PARTLY TO WHT CLAY. MAFICS TO GRN CLAY. TRACE DISS'D PY.																
1790																													
														1793'-1804': VN CRACKLE BXA SUB-// TO CA. FILLED WITH EARTHY RED HmOx + CALCITE																	
1800																													
														1804'- : CONT'D UNBXAT'D, AS DESCRIBED @ 1789'.															
1810																													
1820																													
1830																													
														1841.0-1849.0': STRLY FRAX'D WITH WK WHT CLAY COATING PARTINGS & FRAX. MOSTLY LOW ANGLE TO CORE AXIS.																	
1840																													
1850																													

Hole# RS-444
Logged by HSM
Date 5/12/99

Area
Coords N
E

Newmont Gold Company

Core Form

Az/Incl
Total Depth 2047
Contractor

Footage	% Rec	RQD	Litho: Formation	Litho: Rock type	Litho: Color	Au oz/st	Ag oz/st	Graphic	Attitudes	Structure: Fault	Structure: Breccia	Structure: Veln	Structure: Gouge	Comments	Alteration: Silic	Alteration: Argillic	Alteration: Clay	Alteration: Prop	Alteration: Sericite	Alteration: Chlorite	Alteration	Met.: FEOX	Met.: CO3	Met.: Sulfide	Mineralogy: Pyrite	Mineralogy: Marcasite	Mineralogy: Calc/Dolo			Mag Susc.
1850					LT. GRY																									
1860																														
1870					+/- CRM				40 30 DK-DK CONT					1871.5 - 1872.5': FAULTED(?) DIKE-DIKE CHILLED MARGINS WITH 2 DISCRETE SCALLOPED DEVITRIFIED CHILL MARGINS & POSSIBLY A TINY 3.5' SEPTUM OF DOZER BELOW THEM. BRECCIA OR PSEUDOBXAT'D ~~RK~~ APHYRIC RK PRESENT TO 1875' WHERE BLCH'D, WARM GRY RQL RESUMES.																	
1880																														
1890					CRM TAN				DK CONTACT 15					1873': BRECCIATED WITH ROUNDED, TIGHTLY PACKED FRAGMTS. PROBABLY MONOLITHIC, WITH NO RQL-TYPE PHENOCRYSTS PRESENT. CRM-COLORED APHYRIC(?) STONY RHYOLITE. 1875': COPIOUS OVAL SANIDINES ALIGNED SUB // TO CONTACT. PLAG SHOT TO GRN CLAY SANIDINES NOW GRN CLAY + CALCITE +/- RELICT KSPAR. WK DISS'D BRASSY PY.																	
1900																														
1910					LT. GRY																									
1920																														

Hole# RS-444
Logged by HSM
Date 5/12/99

Area
Coords N
E

Newmont Gold Company

Core Form

Az/Incl
Total Depth 2047
Contractor

Footage	% Rec	RQD	Litho: Formation	Litho: Rock type	Litho: Color	Au oz/st	Ag oz/st	Graphic	Attitudes	Structure: Fault	Structure: Breccia	Structure: Vein	Structure: Gouge	Comments	Alteration: Silic	Alteration: Argillic	Alteration: Clay	Alteration: Prop	Alteration: Sericite	Alteration: Chlorite	Met.: FEOX	Met.: CO3	Met.: Sulfide	Mineralogy: Pyrite	Mineralogy: Marcasite	Mineralogy: Calc/Dolo	Mineralogy: Mag Susc.
1920					LT. GRY									INCREASINGLY GLOMERDPORPHYRITIC PLAG +/- hb & SANIDINE													
					LT. PURPLE +/- RED																						
1930														FROM 1929 - 1932': WK RED HmOx-STAINED FRAX.													
1940																											
					LT. GRY																						
1950														~1940' - 1950': OVAL SANIDINES ALIGNED SUB-// TO C/A.													
									DK CONTACT 50																		
1960									50					1956.5': DARK SCALLOPED GLASSY DIKE CHILL MARGIN.													
														1956.5' - 1960.5': SHEARED BUT NOT BXAT'D CRM-GRY APHYRIC DOZER SEPTUM													
1970									? ?					1960.5 - 1970.0': WKLY CATACLASTIC RQL DIKE WITH STRLY CLAYSHOT WHT FSPS. BROKEN GRY GLASSY LOWER CONTACT													
					CRM									1970.0 - 1971.5': ~~BRO~~ BRECCIAT'D HEALED LOWER CONTACT													
1980														1971.5': TYPE APHYRIC FG STONY DOZER RHYOLITE. MASSIVE & MONOTONOUS.													
1990																											

Hole# RS-444
Logged by HJM
Date 5/12/99

Area
Coords N
E

Newmont Gold Company

Core Form

Az/Incl
Total Depth 2047
Contractor

Footage	% Rec	RQD	Litho: Formation	Litho: Rock type	Litho: Color	Au oz/st	Ag oz/st	Graphic	Attitudes	Structure: Fault	Structure: Breccia	Structure: Veln	Structure: Gouge	Comments	Alteration: Silic	Alteration: Argillic	Alteration: Clay	Alteration: Prop	Alteration: Sericite	Alteration: Chlorite		Met.: FEOX	Met.: CO3	Met.: Sulfide	Mineralogy: Pyrite	Mineralogy: Marcasite	Mineralogy: Calc/Dolo			Mineralogy: Mag Susc.
1990					CRM																									
2000																														
2010					LT. GRY-PURPLE +/- RED									2005'- 2047 = TIGHTLY PACKED, MONOLITHIC DOZER AUTOBXA. COBBLE TO PEBBLE-SIZED ANGULAR BLOCKS IN A COMMINUTED MATRIX OF THE SAME.																
2020					WHT/ SAGE																									
2030																														
2040					SAGE & RED									2041': POSSIBLE RQL CHILLED FRAGMT IN DOZER AUTOBXA. SUB-ROUNDED & EMBAYED IN APPEARANCE. SUPPORTS THE IDEA THAT AUTOBXA IS FLT-RELATED																
					SAGE & WHT																									
2050														T.D.																

RBCORFRM.DWG Revised 10/12/98

Newmont Gold Core Form

Hole# RS-444 **Az/Incl** -90 **Page** 1 of 7

Logged by G. Langstaff **Area** East Dreamland **Total Depth** 2047

Date 7/28/98 **Coords** **Contractor**

Footage	% Rec	RQD	Au oz/st	Ag oz/st	Graphic	Attitudes	fault	breccia	vein	gouge	Comments	Silic	argillic	clay	prop	Sericite	Chlorite	FEOX	CO3	Sulfide	Pyrite	Marcasite	Calc/Dolo	Clay	Mag Susc.
1400																									
1410											magnetic susceptibility readings averaged over assay-sample intervals														
1420											veins with green clay have higher susceptibility (~30) concentration of pyrite or more also higher (~40) drilling mud coated rubble much higher (>100)														
1430																									
											Start Core Tail														
1440	9.1	7.3					0	0	0	0	Lith: 1438–1545.4. porphyritic-aphanitic with 3-5% generally subhedral feldspar phenocrysts generally ≤2mm but locally up to 5mm and <12 irregular, equant to elongate mafic magma blobs up to 2cm but mostly ≤1cm; rare hints of faint foliation with weakly foliated feldspar; variably brecciated	0	1	0	0	0	0	0	2		1	0			
	91%	73%		1442.8							1442														
	14 48			1448																					
1450	14 48.3 2.0	8																	1						
	110% 94	51%		1451.8							1451.8		2						0.1						
	4.8	1.2																							
	60%	15%																							
											3.5'? Loss														
				1457.8				1					2												
	14 59						0	0	0	0	1457.8 Alt: 1438–1451.8. pinkish with weak arg; cream colored clay in phenos and veins; rare green clay or hematite in fractures or breccia ± pyrite; disseminated vein py, apparently tabular sulfide on fractures may be more		1						0? 1						
1460	1.4 1.6	43%																							
	1.2% 9	61.4		1461.4							1464														
	7.1	4.2																	2						
	93%	55%		1467.0							1467 Alt: 1451.8–1457.8 (most of interval lost) mod. arg; with white clay ± pyrite veinlets and less calcite than above		0												
	14 69																				0	0			
1470	10.0	7.6						1																	
	100%	76%		1472.8							Alt: 1457.8–1467 like 1438–1451.8														
											Alt: 1467–1532.9 negligible alteration; feldspar phenos variably replaced by white clay + calcite; local bleaching in brecciated parts; veins of calcite ± waxy pale green clay ± rare py; variable hem in veins, fractures, and breccia with calcite														
	14 79			1478.1				0			1478.5														
1480	9.8	7.0						1													1				
				1482.2							1482.5		1 (mostly)												
	98%	70%						0					0								0				
				1487.7																					
	14 89																								
1490	9.9	6.3																							
				1493.0																					
	98%	63%																							
				1498.5																					
1500	14 99																								

Lithology: Formation; Rock type; Color

Structure: Attitudes; fault; breccia; vein; gouge

Alteration: Silic; argillic; clay; prop; Sericite; Chlorite

Met.: FEOX; CO3; Sulfide

Mineralogy: Pyrite; Marcasite; Calc/Dolo; Clay; Mag Susc.

Formation: Chocolate?

Rock type: felspar-phyric w/mmb

Color: pinkish grey; pale grey; pale grey; pinkish grey; mod. grey with red; w/pale patches; mod. grey w/ local red; mod. grey w/ local red

Graphic: green clay + calc; green clay; jt w/green clay; jt w/white clay; pyrite clay; jt w/hem; bx w/hem; jt w/hem, calc, grn clay; jt; jt w/hem; jt w/hem, py, calc, grn clay; calc + white clay; numerous jts w/ new calc 20-70° slicks; jt w/hem grn clay, calc; jt w/hem, grn clay, calc; jt w/hem, calc; jt w/hem, calc 45° slicks

Comments: variable 2 in fractures; 3 in hematitic fractures

Footer: RECORFRMLDWC Revised 3/17/98

Newmont Gold Core Form

Hole# RS-444 **Az/Incl** -90 **Page** 2 of 7

Logged by G. Langstaff **Area** East Dreamland **Total Depth** 2047

Date 7/30/98 **Coords** **Contractor**

Footage	% Rec	RQD	Formation	Rock type	Color	Au oz/st	Ag oz/st	Graphic	Attitudes	fault	breccia	vein	gouge	Comments	Silic	argillic	clay	prop	Sericite	Chlorite	FeOX	CO3	Sulfide	Pyrite	Marcasite	Calc/Dolo	Clay	Mag Sec.
1500	96	81	Chocolate?	felspar-phyric w/mmb	mod. grey w/ lead red	1503.6			50 40 jt w/ hem ± calc, sgrn clay 70° slicks; 55 jt w/ hem ± calc	0	0	0	0	Alt: 1532.9 – 1545.4 trace arg with minor bleaching, rare dark green clay, minor pyrite above fault (?) with clay and 2mm thick massive pyrite	0	0	0	0	0	0	2	variable 2 in fractures		0	0			20-60 10-SSI
	96	81																										
	1509					1509.0			45 jt w/ hem; 45-55 jt w/ hem 75° slicks																			1506.1
1510	99	93												Alt: 1545.4 – 1553.5 weak arg with stronger bleaching masking or destroying phenos and mmb; shapes of pyrite clusters suggest they replaced mmb; white clay ± py veins (tabular sulfide in some indicates some marcasite)																
	99	93				1514.1			30 calc + gn clay veins; 45 jt w/ calc, hem, 30° slicks																			10-60
	1519					1519.0																						10-100
1520	97	77							55 jt w/ hem; jt w/ hem + calc					1521.4		tr												5-40
	97	86			paler	1523.8			70; 60 jt w/ hem					1523.7		0												10->100
	1528				medium grey w/ lead red									Alt: 1553.5 – 1564.2 weak arg with variable but generally pale colored clasts and tan matrix may also be altered; rare pyrite ± clay veins; some lizzen pyrite								locally 3 in breccia							30-200
	99	89				1528.6			55 jt w/ hem; 40 jt w/ hem																			10->100
1530									70 jt w/ hem 70° slicks					1532.9		tr					0			1				15-30
	98	88									1																	
	1534.1				pinkish grey	1537.7																						20
1540	97	65												1538.6														5-40
	94	63			grey & pale grey	1541.8																						
						1545.3			50 flt? w/ py? clay 70° slicks; 60 jt w/ white clay 60° slicks; jts	?																		15
	1548.4		felspar-phyric w/ mmb?		pale grey									1545.4								1:1		2				
1550	98	52				1549.2			30 jt w/ hem; 15 jt w/ white clay 70° slicks					Lith: 1545.4 – 1553.5 probably same as unit above but phenos less common and indistinct due to alteration and mafic magma blobs absent or replaced by pyrite; rare hints of foliation or laminations; sharp lower contact with breccia is joint and could be fault	1							0			1				5
	95	50				1553.4			45 flt? w/ py	?																		10
									30 py + white clay					1553.5														
	1558.7			polymict, clast supported breccia	pale clasts in tan matrix	1558.7			40 jt; 60 jt																			15
1560	98	84																				2		tr				
	95	82				1563.6			60 jt																			10->100
														1564.2														
	1569				grey & medium grey clasts in brownish grey matrix	1569								Alt: 1564.2 – 1595.0 negligible, some paler clasts; local hematite + calcite in fractures and roll fronts; feldspar phenos commonly variably replaced by white clay and calcite	0									2						20->100
1570	98	86																				1		0				
	98	88				1573.8								Lith: 1553.5 – 1595.0 polymict, clast-supported conglomerate or breccia with angular to subrounded clasts in progressively finer matrix; clasts generally <4cm but some >15 cm (e.g. at 1560.5'), irregular shapes of some clasts suggest negligible abrasion; clasts dominantly feldspar-phyric with mmb like rock above and below, some aphyric, rarely well-laminated with mmb; some with 5-10% euhedral, generally elongate feldspar 1-5 mm long, locally in glomeroporphyritic clusters, or tabular and up to 7 mm; sharp bottom contact with porphyritic rock is sharp and could be depositional													10-100
	1579					1579																						
1580	97	92				1584.0			45 jt; 25 jt w/ hem + calc													local 3						30->100
	98	92																										
	1589					1589																						70
1590	94	88							55 jt; 60 jt																			150
	94	88				1595.3			55 jt																			
				felspar-phyric w/ mmb	grey				20 jt w/ hem, jt + calc, jt w/ hem + calc; 70; 20					1595.0							2							100
Sample for t.s., whole-rock	1599																											
1600						1600.0																						

RECORFIELD.PC Revised 2/17/98

Newmont Gold Core Form

Hole# RS-444 **Az/Incl** -90 **Page** 3 of 7

Logged by G. Langstaff **Area** East Dreamland **Total Depth** 2047

Date 5/5/98 **Coords** **Contractor**

Footage	% Rec	RQD	Au oz/st	Ag oz/st	Graphic	Attitudes	fault	breccia	vein	gouge	Comments	Silic	argillic	clay	prop	Sericite	Chlorite	FeOX	CO3	Sulfide	Pyrite	Marcasite	Calc/Dolo	Clay	Magnetite
1600	9.7	4.3				60 calcite veins	0	0	0	0	Lith: 1595.0 — 1664.7 probably same as rock at 1438-1545; porphyritic-aphanitic with 2-3% white subhedral feldspar ≤2mm (rarely 2-4mm) long with variable calcite ± clay? alteration; ≤12 irregular mafic magma blobs usually ≤3mm but some 1.5cm or even 4cm long; rare (local only!) acicular hornblende up to 2mm; rare faint hints of banding or lamination but phenos poorly or not foliated; local fracturing and brecciation	0	0	0	0	0	0	1	2						10-5SI
		16 09		16 05.2														2							120
1610	5.5	3.0		16 10.0																					70
		16 15.2		16 15.2																					60
	9.6	4.8																							55
1620				16 20.2																					50
		16 25.5		16 24.9							Alt: 1595-1640.0 negligible; hematite in or along margins of fractures; rare calcite ± hematite ± waxy pale green clay veins; phenos variably replaced by calcite ± clay													
	10.0	4.3																							80
1630				16 30.3																					
		16 35.8		16 35.0							Alt: 1640.0 - 1640.8 weak arg with some relict grey; minor green clay, rare white clay; more calcite and pyrite than above													
	9.7	6.1				average ~2 fractures per foot - generally 30-50° (rarely 25° or 55°) with calcite ± hematite, rarely pale green clay, slicks <25° where present, less common joints fractures <15° with calcite + hematite																			120
			pale grey	16 39.9							1640.0														
1640				16 40.8							1640.8	tr	1					0			1				20 50
												0	0					1							1642
		16 46.1		16 45.3							AH: 1640.8 - 1704.0 negligible; local hematite in or along margins of fractures or rarely as rail frosts; thin hematite + calc coatings in fractures; rare calcite veins 1651.8							2							110
	10.0	7.0																							60
1650				16 50.0																					
						jt w/hem + calc <10												1							30
		16 56.4		16 55.3																					
	10.1	8.5				20 jt w/hem + calc																			25
1660				16 60.1		25 "																			
				16 64.7		<10 irregular jt w/hem + calc		1			1664.7 Lith: 1664.7 - 1686.5 indistinct upper contact where brecciated rock above grades down into polymict, clast-supported breccia with angular to subrounded clasts up to 12 cm but mostly <3 cm; coarsely porphyritic clasts below 1671.8, mmb throughout?; clasts: aphyric, w/hbl but no? feldspar, or with relatively coarse and abundant feldspar like rock below															35
		16 66.7																							25
	5.8	5.2		16 69.9		70 jt w/hem + calc																			120 1667.6
1670						40 "																			
		16 72.6																							
	1.3	1.9																							
		16 74																							
	4.7	2.7		16 74.9		60 jts w/ hem + calc 15																			180 60-250
		16 79				70 15																			
1680	7.6	4.4		16 80.1		60 jts ± hem + calc 25																			150
						70																			
						10 jts w/ hem + calc																			
		16 87		16 86.5		40					1686.5														180
	7.8	2.3						0																	30
1690				16 90.4		60 jt					1689.5							2							
																									30
		16 96.2		16 94.3		50 calcite veins 30 jt w/hem + calc																			
	5.4	3.2		16 98.4		60 jts c/hem + calc 20 50																			35
1700																									

Lithology: Formation: Chocolate?; Rock type: feldspar-phyric w/ mmb; polymict breccia or conglomerate with clasts like rock below; feldspar-phyric without mmb. Color: medium grey w/ red; pale grey; medium grey w/ red.

Structure: 25° slicks (normal steps)

Alteration: Silic, argillic, clay, prop, Sericite, Chlorite

Met.: FeOX, CO3

Mineralogy: Sulfide, Pyrite, Marcasite, Calc/Dolo, Clay, Magnetite

Pyrite: rare trace, e.g. in altered phenos, veinlets

Sulfide: rare trace, e.g. in altered phenos

RECORFRM.DWG Revised 3/17/98

Newmont Gold Core Form

Hole# RS-444 **Az/Incl** -90 **Page** 4 of 7

Logged by G. Langstaff **Area** East Dreamland **Total Depth** 2047

Date 8/5/98 **Coords** **Contractor**

Footage	% Rec	RQD	Formation	Rock type	Color	Au oz/st	Ag oz/st	Graphic	Attitudes	fault	breccia	vein	gouge	Comments	Silic	argillic	clay	prop	Sericite	Chlorite	FeOX	CO3	Sulfide	Pyrite	Marcasite	Calc/Dolo	Clay	Mag Susc. 10^{-3} SI
1700	1701.7		chocolate?	coarsely feldspar-phyric with mmb	med gray				<10 jt w/hem, calc	0	0	0	0	Lith: 1686.5 – 1744.2 porphyritic-aphanitic with ≥5% mostly euhedral white feldspar 1-8 mm long w/calcite ± clay alteration, locally with glomeroporphyritic texture; lacks mmb and euhedral mafic phenos but has black bits <1 mm in or on edges of feldspar phenos and in matrix which could be opaques or other mafic phenos, locally altered to pale green clay ± calcite, white rims; sharp lower contact with darker rock with odd spherulitic(?) texture locally protrudes up to 1.5cm into rock below	0	0	0	0	0	0	2	2		tr				60
	7.3	3.5					1703.5																					
					pale pinkish grey		1707.6		20 jt/orn clay, calc py, hem?					1704.0	1	tr					0			1				20
	1709								30 <10 jts w/green clay, calc, py, hem																			
1710	9.7	6.6			pale greenish grey		1712.5		40 25 steep jt inclns slicks 20 jt w/calc, green clay, hem, py?																			8
sample for t.s., whole-rock	1719						1717.6		60																			15
1720	10.0	6.7					1722.8		30 jt w/green clay calc, hem?, py? 40° slicks 15 <10 green clay + calc then					1722.6	0	0					tr			tr				15
sample for t.s., whole-rock	1729				grey & medium grey		1728.3		60 jt w/hem, calc 60 slicks 50 jt w/hem, calc, green clay 55 jt w/hem, calc					Alt: 1704 – 1722.6 weak arg with local pink wisps and fracture green clay; sparse veins and fracture filling calcite + pale green to black clay ± hematite, pyrite; wall rock may be greener and have more hematite or pyrite; phenos replaced by green clay or white clay + calcite																40
1730	4.9	4.9					1733.7		<10 calc + hem vein 10 jt w/hem calc																			30
	1739						1736.8		40 jt w/calc + hem + green clay 10 jt w/grn clay, calc					Alt: 1722.6 – 1740.0 gradational upper and lower boundaries; phenos with calcite ± clay but matrix still grey; hematite in and along fractures or rarely in roll fronts, commonly with calcite; some green clay and pyrite persists in feldspar phenos and dark bits; rare calcite + hematite ± green clay veins																120
1740	7.1	4.3			pale pinkish grey				25 jt w/white clay + calc					1740	1	tr					0			1				20
				brecciated aphyric w/mmb			1744.7		30 jt w/white clay + calc		1			1744.2 contact dips 20-25 to c. axis														
	1747.1				v. pale grey and brownish grey									Lith: 1744.2 – 1778.1 variably brecciated, aphyric rock with ≤1% irregular mmb up to 1.5cm, replaced by sulfide where alteration strongest; locally banding/lamination is evident in spite of 1753									1							
	2.5	2.2																										
	1749.5						1749.9		20 jt + vns w/grey clay + calc																			35
1750	9.2	6.5					1753.8		20 jt w/more hematite, clay, white clay, qtz veins 30								0					0			tr			20
							1755.1		5-25 veins w/sulfide, white clay or grey clay		2			1754.9 brecciation, near base 1756.2 and top, banding in smaller "clasts" is not parallel										2				20
							1757.6				1			1758.5														
	1759																							1	1	phalcopyrite?		25
1760	1.0	.9												Alt: 1740.0 – 1744.2 weak arg; phenos replaced mostly by green clay but some with white clay and calcite; rare green clay + calcite ± hematite veins																
	1760.2	1.2					1762.3		25 jt w/green clay, py/mrc			py																
	1761.8	.9																							tr			25
	1764.8																											
	4.2	4.1					1767.6		25 jt w/calc					Alt: 1744.2 – 1778.1 weak arg throughout but variable pyrite and marcasite; white clay in vugs of brecciated at 1754.4-1756.2; distinctive orange stains around sulfide grains and veins of marcasite and chalcopyrite(?) as well as pyrite?; locally common sulfide ± white clay or greenish to grey																
	1769																											
1770	9.7	8.6					1773.0															2						30
							1778.3							1778.1 clay, rare veins of white clay ± marcasite/pyrite ± v. fine drusy quartz	tr	tr							tr	0				25
	1779			coarsely feldspar-phyric with mmb					40 jt		0																	
1780	9.9	6.5			pale grey		1783.8		10 jt w/green clay + calc, py 50 jt w/white clay					Alt: 1778.1 – 1800.7 v. weak and variable arg and green clay, green clay generally related to veins; variable pyrite, commonly coarser and more abundant near veins; rare veins of green clay + calcite ± hematite ± pyrite; v. rare white clay veins; phenos replaced by green clay or white clay + calcite; breccia at 1793.7-1798 has hematite + calcite in matrix																
							1788.1																					12
	1789																											
1790	9.7	8.5					1792.7		40 jts ± green clay 10 20 bx w/ hem, calc		1											1?		1				10
														1793.7							tr	2 3						
	1799						1798.0		40 jts ± white clay					1798.0							0	2 1 0						25
1800																												

split core for 1761-1770 ft has yellow and iridescent blue-green sulfide in fractures - bornite + py?

Mag Susc. 10^{-3} SI

20-80

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Newmont Gold Core Form

Hole# RS-444 **Az/Incl** -90 **Page** 5 of 7

Logged by G. Langstaff **Area** East Dreamland **Total Depth** 2047

Date 8/6/98 **Coords** **Contractor**

Footage	% Rec	RQD	Formation	Rock type	Color	Au oz/st	Ag oz/st	Graphic	Attitudes	fault	breccia	vein	gouge	Comments	Silic	argillic	clay	prop	Sericite	Chlorite	FEOX	CO3	Sulfide	Pyrite	Marcasite	Calc/Dolo	Clay	Magnetite
1800	9.4	6.3	Chocolate?	coarsely feldspar-phyric without mmb	pale grey	1802.0			<10 jt w/sulfide + green clay, py; 20° slide	0	0	0 py 0	0	1806.7 Lith: 1778.1-1871.8, 1874.8-1892.8 porphyritic-aphanitic and like rock at 1686.5-1744.2 with 3-5% variably altered, subhedral-euhedral white feldspar phenocrysts ≤8mm (rarely 10±mm); lacks mmb; no foliation or banding; feldspars rarely glomeroporphyritic; has ≤1% generally equant, dark bits of greenish to pale grey, waxy clay which could be altered matrix phenos - these 1818.3 are locally replaced by sulfide; sharp but not quite planar upper 1821 contact with nothing unusual; lower contact like fault at 1744.2 with darker rock protruding up to 1cm into rock below and with local add textures; pyrite, green clay, and hematite in rock below stop at contact; 1874.8-1892.8 has sharp, faulted upper contact 1829 with calcite vein and add textures at lower contact	0	1	tr	0	0	0	0	0	1	0			20
	18.09					1809.0																			tr			8
1810	10.0	8.6							25 jts w/white clay, sulfide?													2						18
									<10 jt w/white clay; 30° slide																			
						1814.0			30 jt w/more green clay, calc?													1			1			12
									35 jt																			
						1817.7																						
	18.19																											
1820	9.9	6.9			pale brown grey				25 qtz? w/green clay, calc, py, sepy	?	1											0						8
											0						1					1						
						1823.4			45 jts													2			tr			15
					pale greenish grey																	1						
						1827.7			70 jts																			
	18.29								50																			
1830	10.0	6.4							30 jt w/white clay					1829 1892.8 has sharp, faulted upper contact with calcite vein and add textures at lower contact			0					0						10
									<10 white clay + green clay + py/marc					Alt: 1800.7-1821 weak arg but no or very rare green clay, variable pyrite and marcasite; phenos replaced by white clay, calcite, green clay, marcasite; rare veins of white clay or green clay ± calcite, sulfide										1					
						1833.3			50 jt w/py, green clay?																tr			10
									<10 jt w/white clay, green clay, py, marc																			
	18.39					1838.3																						
1840	9.5	4.5							35 jts w/green clay, white clay, more jt					Alt: 1821-1829 1841.7 weak arg, weak to v. weak green clay; phenos replaced by green clay, white clay, calcite, or rare sulfide; rare veins of white clay or green clay ± calcite ± sulfide and hematite + calcite; less sulfide than above										1					
						1841.7			50						2									2				5
									5-15 vein of pyrite + clay																			
						1845.8			30° slide																			
						1847.7			50 jt w/white clay, py, marc					1847.7	1													12
	18.49								20° slide																			
1850	9.8	6.3							jt w/white, grey clays, py					Alt: 1829-1841.7 weak arg, little or no green clay; phenos replaced by white clay ± pyrite/marcasite; rare dark bits of greenish or grey clay after matrix phenos (?); variable marcasite; sulfides commonly with orange halos; rare veins of sulfide or white clay + sulfide or white clay + green clay + sulfide										1					
									30 10° normal slide																			
						1853.3			5-15 vein of pyr/clay																			
																									tr			7
						1858.0																			0			
	18.59																											
1860	10.1	6.6							<10 irregjt					1860.6								2						10
						1862.9			40 jt w/grey-green clay, py, calc					Alt: 1841.7-1847.7 moderate arg possibly related to pyrite-rich vein nearly parallel to core axis; phenos barely recognizable as splotches of white clay ± pyrite/marcasite; rare green clay vein															
						1867.7																						8
	18.69																											
1870	10.1	7.9				1871.7			(0-40) 30					1871.8 Lith: 1871.8-1874.8 apparently aphyric rock with complex alteration & texture with pale to dark brown roll fronts and liesegang banding and variable green clay, could be pseudobreccia, really brecciated or possibly clastic			tr													10
				breccia aphyric					jt 35°																			
						1874.8			35 fjt & calc vein		1.7																	
											0																	
									70								0											
	18.79					1879.0			50 jts																			
1880	9.7	9.7		coarsely feldspar-phyric without mmb					45 jts					Alt: 1847.7-1860.6 weak arg and negligible calcite; phenos replaced by white clay and rare sulfide; splotches of fine pyrite commonly associated with veins (same?); another pyrite-rich vein with clay nearly parallel to core axis; sparse sulfide or white clay + sulfide veins																
									45																			
						1884.0			50 jt																			
									40																			
	18.89					1889.0			50 jts																			
1890	10.1	9.5			grey/green				45 jt								tr											
						1892.7						1892.8		Alt: 1860.6-1874.8 weak arg; pale brown wraps and roll fronts and local traces green clay; calcite throughout; phenos replaced by white clay + calcite; local coarse blebby pyrite, rare veins of calcite ± green clay ± hematite															
				breccia aphyric	tan and very pale grey																							
						1897.0								Alt: 1874.8-1892.8 weak arg, weaker and with trace green clay and blebby py near top and bottom; phenos replaced by calcite, white clay or green clay															
1900		18.99																										

"chilled" contact up to 80

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Newmont Gold Core Form

Hole# RS-444 **Az/Incl** -90 **Page** 6 of 7

Logged by G. Langstaff **Area** East Dreamland **Total Depth** 2047

Date 8/7/98 **Coords** **Contractor**

Footage	% Rec	RQD	Formation	Rock type	Color	Au oz/st	Ag oz/st	Graphic	Attitudes	fault	breccia	vein	gouge
1900	9.7	8.3	chocolate ≥	brecciated aphyric	tan and v. pale grey	1901.2			60 jt; jt/vein/pyr/green clay/calc	0	0	0	0
		1909				1905.4			45; 50; 45 jts				
1910	9.7	5.5		coarsely feldspar-phyric without mmb	pale grey	1910.4			50-55 jts				
						1913.4			50-55 jts				
		1919				1918.5			40; 80; 40 jts				
1920 (sample for whole rock)	5.0	2.8											
		1924.5				1923.8			52				
	4.8	3.5							30 jt/calc; 20° slides (normal jt?)/hem/calc				
		1929				1928.7			29; 10				
1930	9.7	6.7				1931.7							
(sample for whole-rock)					grey	1936.8			50 jt; 45 jt/hem/calc				
		1939											
1940	9.8	9.2				1941.1							
					pale grey	1946.0			30 jt/grn clay; 70 clay; 70 jt				
		1949							30 jts				
1950	9.6	6.7				1951.4			40; 75; 20 jts				
					pale grn-grey	1956.7			25° 40; jt/calc/grn clay/calc, white clay; 25° slides; jt/calc/grn clay/calc; 10° slides				
		1959		brec'd aphyric	tan & v. pale grey								
1960	1.6	1.4				1960.6			45; 15; jt/grn clay; 15° slides				
		1961											
(pyrite whiteclay veins)	5.6	2.1		feldspar-phyric without mmb	grey, pale grey, greenish grey	1964.5			20-25 jt/white clay; 20° slides			white clay	
		1966.4							45; 25; 30				
	9.8	7.0				1968.3			30; 55; EOJ jt/white clay, PV; 25° slides; 4 jt/grn clay; 20° slides				
1970						1970.0							
						1971.3				27?			
						1974.2			<10 calc vein; 50 jt/calc/green clay	0			
		1976.7		brecciated aphyric	tan and very pale grey								
	10.2	10.2											
1980						1979.5							
						1984.6							
		1987.1											
	10.0	6.8											
1990						1989.7							
									calc vein w/hem. bx; 50° slides; 10				
						1994.2							
		1997.3							35; 25; X irreg jts w/calc/clay				
2000						1997.9							

Comments

Alt: 1892.8-1923.4
weak arg with trace green clay in roll fronts with pyrite ± trace hematite (?). roll fronts less well developed in porphyritic rock but green clay locally in phenos

1905.3

1911.2 – xenoliths of same rock as above
1911.9 – contact within porphyritic rock
1912.7 – near vertical contacts
1913.1

Alt: 1923.4-1941
negligible; phenos replaced by calcite ± white clay ± rare green clay; local hematite + calcite in fractures or hematite in roll fronts; rare calcite veins

1923.4
1924.9

Lith: 1892.8-1905.3, 1955.9-1960.5
apparently aphyric, variably fractured and brecciated rock; clast-supported with indistinct matrix which looks same as clasts: v. rare white feldspar phenos ~2mm in "clast" and "matrix" (1903.1, 1957.0), same as rock at 1871.1-1874.8 and below 1969.8; also xenoliths within porphyritic rock at 1911.2-1911.9 and 1912.7-1913.1 and faulted (?) sliver at 1968.8-1969.0

1941 Alt: 1941-1960.5
weak arg, patches of green clay + pyrite and more phenos replaced by green clay locally; v. rare green clay veins

Lith: 1905.3-1955.9, 1960.5-1969.8
same as rock at 1776.1-1871.8; 3-5% feldspar phenos up to 10mm (most <6mm) rarely in glomeroporphyritic clusters; dark equant to elongate bits ≤1mm of green clay may be mafic or feldspar phenos; lacks mmb and banding
1953.9 contact at 1905.3 is intrusive
1955.9 with fingers protruding ~1cm up into breccia; xenoliths of breccia also intruded by fingers of porphyritic rock and contacts
1960.5 have various dips; possible dike margin at 1974.1, within breccia

jt 45° to c. axis with 30° slicks and white clay
cuts jt 30° to c. axis with 25° slicks and grey clay, neither have calcite
1968.8-1969.0 – sliver of non porphyritic with faulted upper and intruded lower contacts
1969.8
1970.7-1971.1 – possible fault gouge with pyrite blobs, sand-size rock frags in dark grey matrix
1974.1-1986 of porphyritic rock with ~ vertical contact

Alt: 1960.5-1968.8
weak arg with common veinlets of white clay or pyrite, which locally cut green clay veins; minor green clay at bottom

Alt: 1968.8-2007.0
weak arg, rare pyrite + hematite roll fronts and v. rare liesegang banding (brown); grey splotches & fractures may be some kind of clay; 1 calcite vein with dark matrix breccia along margin

Lith: 1955.9-1960.5, 1969.8-2047.4
fractured and brecciated aphyric rock like that at 1892.8-1905.3; could be pseudo breccia with clastic texture enhanced by alteration; relict grey rock at 2037-2039 also aphyric

Footage	Silic	argillic	clay	prop	Sericite	Chlorite	FEOX	CO3	Sulfide	Pyrite	Marcasite	Calc/Dolo	Clay	Mag Susc.
1900	0	1	tr	0	0	0	0	2		1				10-55I
1910														5-80
1920		tr; 0	0							tr				
1930							tr			0				
1940		tr; 1	tr				0			tr				
1950										1				
1960			0					1						
								0		2				
1970			tr; 0							1				
1980								1; 2						08-10
1990										tr				0-70 10/100 10-70
2000														

Newmont Gold Core Form

Hole# RS-444 **Az/Incl** -90 **Page** 7 of 7

Logged by G. Langstaff **Area** East Dreamland **Total Depth** 2047

Date 8/7/98 **Coords** **Contractor**

Footage	% Rec	RQD	Formation	Rock type	Color	Au oz/st	Ag oz/st	Graphic	Attitudes	fault	breccia	vein	gouge
2000	10.2	9.2	chocolate?	breccia/aphyric	tan & v. pale grey	2002.6							
	2007.6					2007.3							
	8.9	8.0											
2010					moderate reddish grey	2012.5			55 jt w/hem calc 20				
	2016.8					2017.7			30 jt w/hem calc				
sample for t.s., whole-rock	10.0	9.3											
2020						2022.7							
						2025.3			30 jt w/calc 65° slicks				
	2027												
	10.1	9.8											
2030						2030.4							
					tan v. pale grey and pale grey	2035.3			40 jt 65 jt w/grn chl, hem, tr				
	2037.2					2038.0							
	10.2	9.2											
2040					graphical				50 calc vein 45 jt w/hem calc 40 jt				
						2043.1							
sample for whole-rock	2047.4				greenish grey & v. pale grey	2047.4							
2050													
2060													

Comments

2007

Alt: 2007–2024.6

trace argillic with weak bleaching but dominantly red due to hematite; local dark matrix could be some kind of clay; hem + calc in fractures but no veins

Alt: 2024.6–2037

weak arg with some relict grey, generally in cores of "clasts", still considerable pyrite; rare calcite veins

2024.6

2036.4 Alt: 2037.5–2043.1

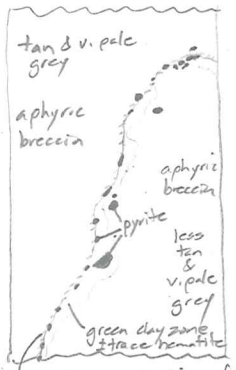
2037.5 trace arg with mostly relict grey; local hematite both in matrix of breccia and in bands cutting across "clasts"; calcite vein

2043.1 Alt: 2043.1–2047.4

trace arg with common relict grey "clasts" and bleaching along fractures and in matrix in pseudo breccia texture. Trace or no pyrite

T.D. 2047.4

idealized "roll front":



brown-red concentration of hematite + calcite ≤3mm (usually ≤1mm), dotted with pyrite

calcite occurs on both sides of roll front

Footage	Silic	argillic	clay	prop	Sericite	Chlorite	FeOX	CO3	Sulfide	Pyrite	Marcasite	Calc/Dolo	Clay	Mag Susc. 10^{-3} SI
2000	0	1	0	0	0	0	0	2		tr				
														20
		tr					1			0				
2010							2	1½						200
														200
														175
2020										tr				
							1							50
		1					0			1				
														20
2030														
														10
								2						300
		tr								tr				
2040							1							600
							0							
			tr?											500
2050														
2060														

100-300 20-320

100-1000 20-1000

RECORDFIXL.DOC Revised 3/17/98

xAMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP049366

American Assay Laboratories

PO BOX 11530
RENO NV,USA
Ph.(702) 356-0606, Fax.(702) 356-1413

NEWMONT GOLD COMPANY

COPIES TO : C. BALLEW

: R. VANCE

:

:

CLIENT REFERENCE No: RS-444

No. SAMPLES : 179

MAIN SAMPLE TYPE : DRILL CUTTINGS

RECEIVED : 2 JUL 1998

REPORTED : 2 JUL 1998

NEVADA LEGISLATIVE DISCLAIMER :-
The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geological materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project.

ANALYSIS	ANALYTICAL METHOD	QUALITY PARAMETER	UNIT	DETECTION
Au	FA30	15%	ppb	5
Au(R)	FA30	15%	ppb	5
Au(OZ)	FA30	15%	OPT	0.001
Au(RZ)	FA30	15%	OPT	0.001
Ag	D210	10%	ppm	0.5
Ag(OZ)	D210	10%	OPT	0.02

SIGNATORY : Susan King M.S.

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP049366

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-444

REPORTED : 2 JUL 1998

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-444 000-005	117		0.003		3.6	0.11
RS-444 005-010	87		0.003		5.2	0.15
RS-444 010-015	28		<0.001		0.6	<0.02
RS-444 015-020	29		<0.001		<0.5	<0.02
RS-444 020-025	38		0.001		0.7	0.02
RS-444 025-030	70		0.002		0.9	0.03
RS-444 030-035	101		0.003		1.1	0.03
RS-444 035-040	105		0.003		1.2	0.04
RS-444 040-045	170	260	0.005	0.008	4.8	0.14
RS-444 045-050	135		0.004		4.8	0.14
RS-444 050-055	75		0.002		2.1	0.06
RS-444 055-060	7		<0.001		<0.5	<0.02
RS-444 060-065	6		<0.001		<0.5	<0.02
RS-444 065-070	<5		<0.001		<0.5	<0.02
RS-444 070-075	<5		<0.001		<0.5	<0.02
RS-444 075-080	<5		<0.001		<0.5	<0.02
RS-444 080-085	<5		<0.001		<0.5	<0.02
RS-444 085-090	55	56	0.002	0.002	<0.5	<0.02
RS-444 090-095	253	264	0.007	0.008	12.3	0.36
RS-444 095-100	56	40	0.002	0.001	1.6	0.05
RS-444 100-105	<5		<0.001		0.5	<0.02
RS-444 105-110	<5		<0.001		<0.5	<0.02
RS-444 110-115	<5		<0.001		<0.5	<0.02
RS-444 115-120	<5		<0.001		<0.5	<0.02
RS-444 120-125	<5		<0.001		<0.5	<0.02

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ANALYSIS REPORT SP049366

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REFERENCE : RS-444

REPORTED : 2 JUL 1998

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-444 125-130	<5		<0.001		<0.5	<0.02
RS-444 130-135	<5		<0.001		<0.5	<0.02
RS-444 135-140	<5		<0.001		<0.5	<0.02
RS-444 140-145	<5		<0.001		<0.5	<0.02
RS-444 145-150	10		<0.001		<0.5	<0.02
RS-444 150-155	<5		<0.001		<0.5	<0.02
RS-444 155-160	<5		<0.001		<0.5	<0.02
RS-444 160-165	<5		<0.001		<0.5	<0.02
RS-444 165-170	<5		<0.001		<0.5	<0.02
RS-444 170-175	<5		<0.001		<0.5	<0.02
RS-444 175-180	<5		<0.001		<0.5	<0.02
RS-444 180-185	<5		<0.001		<0.5	<0.02
RS-444 185-190	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-444 190-195	<5		<0.001		<0.5	<0.02
RS-444 195-200	<5		<0.001		<0.5	<0.02
RS-444 200-205	8		<0.001		<0.5	<0.02
RS-444 205-210	<5		<0.001		<0.5	<0.02
RS-444 210-215	<5		<0.001		<0.5	<0.02
RS-444 215-220	<5		<0.001		<0.5	<0.02
RS-444 220-225	<5		<0.001		<0.5	<0.02
RS-444 225-230	<5		<0.001		<0.5	<0.02
RS-444 230-235	<5		<0.001		<0.5	<0.02
RS-444 235-240	<5		<0.001		<0.5	<0.02
RS-444 240-245	<5		<0.001		<0.5	<0.02
RS-444 245-250	<5		<0.001		<0.5	<0.02

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP049366

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-444

REPORTED : 2 JUL 1998

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-444 250-255	<5	<5	<0.001	<0.001	0.5	<0.02
RS-444 255-260	<5		<0.001		0.8	0.02
RS-444 260-265	62		0.002		2.0	0.06
RS-444 265-270	18		<0.001		1.9	0.06
RS-444 270-275	<5		<0.001		1.3	0.04
RS-444 275-280	<5		<0.001		<0.5	<0.02
RS-444 280-285	<5		<0.001		<0.5	<0.02
RS-444 285-290	<5		<0.001		<0.5	<0.02
RS-444 290-295	<5		<0.001		<0.5	<0.02
RS-444 295-300	<5		<0.001		<0.5	<0.02
RS-444 300-305	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-444 305-310	<5		<0.001		<0.5	<0.02
RS-444 310-315	<5		<0.001		<0.5	<0.02
RS-444 315-320	<5		<0.001		<0.5	<0.02
RS-444 320-325	<5		<0.001		<0.5	<0.02
RS-444 325-330	<5		<0.001		<0.5	<0.02
RS-444 330-335	<5		<0.001		<0.5	<0.02
RS-444 335-340	<5		<0.001		<0.5	<0.02
RS-444 340-345	<5		<0.001		<0.5	<0.02
RS-444 345-350	<5		<0.001		<0.5	<0.02
RS-444 350-355	<5		<0.001		<0.5	<0.02
RS-444 355-360	<5		<0.001		<0.5	<0.02
RS-444 360-365	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-444 365-370	<5		<0.001		<0.5	<0.02
RS-444 370-375	<5		<0.001		<0.5	<0.02

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ANALYSIS REPORT SP049366

American Assay Laboratories

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PROJECT : ROSEBUD
REFERENCE : RS-444

REPORTED : 2 JUL 1998

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-444 375-380	<5		<0.001		<0.5	<0.02
RS-444 380-385	5		<0.001		<0.5	<0.02
RS-444 385-390	<5		<0.001		<0.5	<0.02
RS-444 390-395	<5		<0.001		<0.5	<0.02
RS-444 395-400	<5		<0.001		<0.5	<0.02
RS-444 400-405	<5		<0.001		<0.5	<0.02
RS-444 405-410	<5		<0.001		<0.5	<0.02
RS-444 410-415	<5		<0.001		<0.5	<0.02
RS-444 415-420	<5		<0.001		<0.5	<0.02
RS-444 420-425	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-444 425-430	<5		<0.001		<0.5	<0.02
RS-444 430-435	<5		<0.001		<0.5	<0.02
RS-444 435-440	<5		<0.001		<0.5	<0.02
RS-444 440-445	<5		<0.001		<0.5	<0.02
RS-444 445-450	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-444 450-455	<5		<0.001		<0.5	<0.02
RS-444 455-460	<5		<0.001		<0.5	<0.02
RS-444 460-465	<5		<0.001		<0.5	<0.02
RS-444 465-470	<5		<0.001		<0.5	<0.02
RS-444 470-475	<5		<0.001		<0.5	<0.02
RS-444 475-480	<5		<0.001		<0.5	<0.02
RS-444 480-485	<5		<0.001		<0.5	<0.02
RS-444 485-490	<5		<0.001		<0.5	<0.02
RS-444 490-495	<5		<0.001		<0.5	<0.02
RS-444 495-500	<5		<0.001		<0.5	<0.02

AMERICAN ASSAY LABORATORIES

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REPORTED : 2 JUL 1998

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-444 500-505	<5		<0.001		<0.5	<0.02
RS-444 505-510	<5		<0.001		<0.5	<0.02
RS-444 510-515	<5		<0.001		<0.5	<0.02
RS-444 515-520	<5		<0.001		<0.5	<0.02
RS-444 520-525	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-444 525-530	<5		<0.001		<0.5	<0.02
RS-444 530-535	<5		<0.001		<0.5	<0.02
RS-444 535-540	<5		<0.001		<0.5	<0.02
RS-444 540-545	<5		<0.001		<0.5	<0.02
RS-444 545-550	<5		<0.001		<0.5	<0.02
RS-444 550-555	<5		<0.001		<0.5	<0.02
RS-444 555-560	<5		<0.001		<0.5	<0.02
RS-444 560-565	<5		<0.001		<0.5	<0.02
RS-444 565-570	<5		<0.001		<0.5	<0.02
RS-444 570-575	<5		<0.001		<0.5	<0.02
RS-444 570-575B	94		0.003		<0.5	<0.02
RS-444 575-580	<5		<0.001		<0.5	<0.02
RS-444 580-585	<5		<0.001		<0.5	<0.02
RS-444 585-590	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-444 590-595	<5		<0.001		<0.5	<0.02
RS-444 595-600	<5		<0.001		<0.5	<0.02
RS-444 600-605	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-444 605-610	<5		<0.001		<0.5	<0.02
RS-444 610-615	<5		<0.001		<0.5	<0.02
RS-444 615-620	<5		<0.001		<0.5	<0.02

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP049366

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-444

REPORTED : 2 JUL 1998

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-444 620-625	<5		<0.001		<0.5	<0.02
RS-444 645-650	<5		<0.001		<0.5	<0.02
RS-444 670-675	<5		<0.001		<0.5	<0.02
RS-444 695-700	<5		<0.001		<0.5	<0.02
RS-444 720-725	<5		<0.001		<0.5	<0.02
RS-444 745-750	<5		<0.001		<0.5	<0.02
RS-444 770-775	<5		<0.001		<0.5	<0.02
RS-444 795-800	<5		<0.001		<0.5	<0.02
RS-444 820-825	<5		<0.001		<0.5	<0.02
RS-444 845-850	<5		<0.001		<0.5	<0.02
RS-444 870-875	<5		<0.001		<0.5	<0.02
RS-444 895-900	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-444 920-925	<5		<0.001		<0.5	<0.02
RS-444 945-950	<5		<0.001		<0.5	<0.02
RS-444 970-975	<5		<0.001		<0.5	<0.02
RS-444 995-1000	<5		<0.001		<0.5	<0.02
RS-444 1020-1025	<5		<0.001		<0.5	<0.02
RS-444 1035-1040	<5		<0.001		<0.5	<0.02
RS-444 1040-1045	7		<0.001		<0.5	<0.02
RS-444 1045-1050	<5		<0.001		<0.5	<0.02
RS-444 1070-1075	<5		<0.001		<0.5	<0.02
RS-444 1095-1100	<5		<0.001		<0.5	<0.02
RS-444 1120-1125	<5		<0.001		<0.5	<0.02
RS-444 1130-1135	<5		<0.001		<0.5	<0.02
RS-444 1135-1140	<5		<0.001		<0.5	<0.02

AMERICAN ASSAY LABORATORIES

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SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-444 1140-1145	6		<0.001		<0.5	<0.02
RS-444 1145-1150	<5		<0.001		<0.5	<0.02
RS-444 1150-1155	<5		<0.001		<0.5	<0.02
RS-444 1155-1160	25	24	<0.001	<0.001	0.6	<0.02
RS-444 1160-1165	29	30	<0.001	<0.001	0.8	0.02
RS-444 1165-1170	8		<0.001		0.6	<0.02
RS-444 1170-1175	<5		<0.001		<0.5	<0.02
RS-444 1195-1200	<5		<0.001		<0.5	<0.02
RS-444 1220-1225	<5		<0.001		<0.5	<0.02
RS-444 1245-1250	<5		<0.001		<0.5	<0.02
RS-444 1270-1275	<5		<0.001		<0.5	<0.02
RS-444 1295-1300	<5		<0.001		<0.5	<0.02
RS-444 1320-1325	<5		<0.001		<0.5	<0.02
RS-444 1345-1350	<5		<0.001		<0.5	<0.02
RS-444 1370-1375	<5		<0.001		<0.5	<0.02
RS-444 1375-1380	<5		<0.001		<0.5	<0.02
RS-444 1375-1380B	<5		<0.001		<0.5	<0.02
RS-444 1380-1385	<5		<0.001		<0.5	<0.02
RS-444 1385-1390	<5		<0.001		<0.5	<0.02
RS-444 1390-1395	<5		<0.001		<0.5	<0.02
RS-444 1395-1400	<5		<0.001		<0.5	<0.02
RS-444 1400-1405	<5		<0.001		<0.5	<0.02
RS-444 1405-1410	18		<0.001		0.7	0.02
RS-444 1410-1415	89		0.003		0.9	0.03
RS-444 1415-1420	24		<0.001		1.1	0.03

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP049366

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
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REPORTED : 2 JUL 1998

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-444 1420-1425	26		<0.001		2.1	0.06
RS-444 1425-1430	16		<0.001		1.1	0.03
RS-444 1430-1435	31	28	<0.001	<0.001	1.1	0.03
RS-444 1435-1440	<5		<0.001		<0.5	<0.02

American Assay Laboratories

INVOICE

Remit To: P.O. Box1153(
Reno, Nevada 89510
Phone NO.: 702-356-0606
Fax No.: 702-356-1413

AMERICAN ASSAY LABORATORIES
1500 GLENDALE AVE.
SPARKS, NV 89431-5902

(702) 356-0606

INVOICE NO: SP 0049366-IN
INVOICE DATE: 07/23/98

INVOICE TO:
NEWMONT EXPLORATION LTD.
861 W. 6TH STREET
WINNEMUCCA NV 89445

NEWMONT EXPLORATION LTD.
861 W. 6TH STREET
WINNEMUCCA NV 89445

CUSTOMER P.O.	PROJECT	TERMS
RS-444	ROSEBUD EXPLOR	NET 30 - DUE IN U.S. DOLLARS

QUANTITY	DESCRIPTION	PRICE	AMOUNT
290	SAMPLES RECEIVED	.00	.00
288	JAW CRUSHING CHARGE	1.30	374.40
288	SPLITTING CHARGE	1.20	345.60
288	FINE MILLING CHARGE	2.00	576.00
124	COMPOSITE CHARGE	1.00	124.00
179	Au (1 A.T. FIRE ASSAY)	8.00	1,432.00
179	HYDROCHLORIC/NITRIC DIGESTION	2.00	358.00
179	Ag ANALYSES	1.00	179.00
57	MULTI-ELEMENT ICP PACKAGE	9.80	558.60
14	Se ANALYSES	7.15	100.10

COPY

NET INVOICE:	4,047.70
25% DISCOUNT:	1,416.70
FREIGHT:	.00
INVOICE TOTAL:	2,631.00

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ANALYSIS REPORT SP050054

American Assay Laboratories

PO BOX 11530
RENO NV,USA
Ph.(702) 356-0606, Fax.(702) 356-1413

NEWMONT GOLD COMPANY

COPIES TO : C. BALLEW

: R. VANCE

:

:

CLIENT REFERENCE No: RS-444 RECEIVED : 12 AUG 1998

No. SAMPLES : 37 REPORTED : 12 AUG 1998

MAIN SAMPLE TYPE : DRILL CORE

NEVADA LEGISLATIVE DISCLAIMER :-
The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geological materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project.

ANALYSIS	ANALYTICAL METHOD	QUALITY PARAMETER	UNIT	DETECTION
Au	FA30	15%	ppb	5
Au(R)	FA30	15%	ppb	5
Au(OZ)	FA30	15%	OPT	0.001
Au(RZ)	FA30	15%	OPT	0.001
Ag	D210	10%	ppm	0.5
Ag(OZ)	D210	10%	OPT	0.02

SIGNATORY : Susan King M.S.

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP050054

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-444

REPORTED : 12 AUG 1998

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-444 1438.0-1442.8	<5		<0.001		<0.5	<0.02
RS-444 1442.8-1448.0	20	14	<0.001	<0.001	<0.5	<0.02
RS-444 1448.0-1451.8	20		<0.001		7.6	0.22
RS-444 1451.8-1457.8	6		<0.001		0.7	0.02
RS-444 1457.8-1461.4	8		<0.001		<0.5	<0.02
RS-444 1461.4-1467.0	<5		<0.001		<0.5	<0.02
RS-444 1467.0-1472.8	<5		<0.001		<0.5	<0.02
RS-444 1472.8-1478.1	<5		<0.001		<0.5	<0.02
RS-444 1478.1-1482.2	<5		<0.001		<0.5	<0.02
RS-444 1482.2-1487.7	<5		<0.001		<0.5	<0.02
RS-444 1487.7-1493.0	<5		<0.001		<0.5	<0.02
RS-444 1493.0-1498.5	<5		<0.001		<0.5	<0.02
RS-444 1498.5-1503.6	<5		<0.001		<0.5	<0.02
RS-444 1503.6-1509.0	<5		<0.001		<0.5	<0.02
RS-444 1509.0-1514.1	<5		<0.001		<0.5	<0.02
RS-444 1514.1-1519.0	<5		<0.001		<0.5	<0.02
RS-444 1519.0-1523.8	<5		<0.001		<0.5	<0.02
RS-444 1523.8-1528.6	<5		<0.001		<0.5	<0.02
RS-444 1528.6-1532.9	<5		<0.001		<0.5	<0.02
RS-444 1532.9-1537.7	<5		<0.001		<0.5	<0.02
RS-444 1537.7-1541.8	<5		<0.001		<0.5	<0.02
RS-444 1541.8-1545.3	18		<0.001		0.7	0.02
RS-444 1545.3-1549.2	134	119	0.004	0.003	<0.5	<0.02
RS-444 1545.3-1549.2B	154		0.004		<0.5	<0.02
RS-444 1549.2-1553.4	<5		<0.001		<0.5	<0.02

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP050054

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-444

REPORTED : 12 AUG 1998

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-444 1553.4-1558.7	<5		<0.001		<0.5	<0.02
RS-444 1558.7-1563.6	<5		<0.001		<0.5	<0.02
RS-444 1563.6-1569.0	<5		<0.001		<0.5	<0.02
RS-444 1569.0-1573.8	<5		<0.001		<0.5	<0.02
RS-444 1573.8-1579.0	<5		<0.001		<0.5	<0.02
RS-444 1579-1584	<5		<0.001		<0.5	<0.02
RS-444 1584-1589	<5		<0.001		<0.5	<0.02
RS-444 1589.0-1595.3	<5		<0.001		<0.5	<0.02
RS-444 1595.3-1600.0	<5		<0.001		<0.5	<0.02
RS-444 1600.0-1605.2	<5		<0.001		<0.5	<0.02
RS-444 1605.2-1610.0	<5		<0.001		<0.5	<0.02
RS-444 1610.0-1615.2	<5		<0.001		<0.5	<0.02

AMERICAN ASSAY LABORATORIES

AAL 01-2 ICP PACKAGE DETECTION LIMITS

ELEMENT	Ag	Al	As	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Th	Ti	U	V	W	Zn
SAMPLES	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppb	%	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	0.3	0.01	2	3	1	3	0.01	0.2	1	1	1	0.01	10	0.01	1	0.01	2	1	0.01	1	0.001	3	2	0.2	1	2	0.01	8	1	2	1

0.500 GRAMS OF PULP IS DIGESTED WITH HYDROCHLORIC AND NITRIC ACID AT 95 DEGREE CENTIGRADE FOR ONE HOUR.
DIGEST IS PARTIAL FOR B, Ba, Ca, Cr, Fe, La, Mg, Mn, Sr, Ti AND W.
DIGEST IS LIMITED FOR Al, K AND Na.

CLIENT:	*NEWMONT GOLD COMPANY*
CLIENT REF:	ROSEBUD EXPLORATION
AAL REF:	SP050054
METHOD:	AAL 01-2 + Se

AMERICAN ASSAY LABORATORIES
1500 GLENDALE AVE.
SPARKS, NV 89431
PHONE: (702) 356-0606
FAX: (702) 356-1413

ELEMENT SAMPLES	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm
RS-444 1438.0-1451.8	2.7	0.88	36	< 3	44	5	0.37	1.6	< 1	6	18	3.13	165	0.36	24	0.04	731	10	0.06	4	0.012	31	10	1.1	91	9	< .01	< 8	3	3	71
RS-444 1451.8-1457.8	0.4	0.43	13	< 3	33	3	0.13	0.7	< 1	2	5	0.97	70	0.25	26	0.02	356	2	0.02	1	0.016	23	10	0.7	110	9	< .01	< 8	1	< 2	23
RS-444 1457.8-1467.0	0.3	0.51	11	< 3	41	< 3	0.38	< .2	< 1	3	6	1.39	90	0.3	25	0.03	364	1	0.04	2	0.013	19	6	0.5	126	9	< .01	< 8	1	< 2	18
RS-444 1467.0-1487.7	< .3	0.36	22	3	46	< 3	0.7	0.3	1	6	9	2.28	70	0.24	24	0.02	349	1	0.06	3	0.016	16	3	< .1	111	9	0.01	< 8	3	< 2	25
RS-444 1487.7-1509.0	< .3	0.37	4	3	51	< 3	0.93	0.3	< 1	7	9	2.32	50	0.24	27	0.02	396	1	0.06	3	0.017	23	< 3	< .1	103	10	0.01	< 8	3	2	23
RS-444 1509.0-1532.9	< .3	0.39	4	5	47	< 3	1.18	0.5	< 1	6	7	2.29	75	0.29	27	0.02	537	1	0.05	2	0.019	22	< 3	< .1	116	8	0.01	< 8	3	< 2	29
RS-444 1532.9-1545.3	0.4	0.64	68	3	57	< 3	0.98	< .2	1	6	10	2.28	70	0.33	23	0.03	595	3	0.05	4	0.025	21	3	0.9	124	8	< .01	< 8	2	< 2	62
RS-444 1545.3-1553.4	1	0.84	223	8	222	< 3	0.38	0.3	2	20	39	2.05	1190	0.31	21	0.09	144	5	0.03	11	0.042	23	20	2.9	123	8	< .01	< 8	43	< 2	68
RS-444 1553.4-1569.0	< .3	0.5	9	4	56	< 3	1.18	0.4	< 1	2	5	1.61	95	0.4	25	0.03	1059	1	0.04	1	0.021	24	4	0.3	176	9	< .01	< 8	2	< 2	41
RS-444 1569.0-1595.3	< .3	0.43	2	< 3	57	4	1.44	0.2	< 1	3	11	1.98	40	0.35	28	0.02	710	1	0.06	5	0.016	26	3	< .1	157	10	0.01	< 8	2	< 2	30
RS-444 1595.3-1615.2	0.4	0.39	2	< 3	48	< 3	1.13	0.3	< 1	8	12	2.28	30	0.29	23	0.01	572	2	0.06	5	0.019	21	4	0.1	116	9	0.01	< 8	4	< 2	28

American Assay Laboratories

INVOICE

Remit To: P.O. Box11530
Reno, Nevada 89510
Phone NO.: 702-356-0606
Fax No.: 702-356-1413

AMERICAN ASSAY LABORATORIES
1500 GLENDALE AVE.
SPARKS, NV 89431-5902

(702) 356-0606

INVOICE NO: SP 0050054-IN
INVOICE DATE: 08/31/98

INVOICE TO:
NEWMONT EXPLORATION LTD.
861 W. 6TH STREET
WINNEMUCCA NV 89445

NEWMONT EXPLORATION LTD.
861 W. 6TH STREET
WINNEMUCCA NV 89445

CUSTOMER P.O.	PROJECT	TERMS
RS-444	ROSEBUD EXPLOR.	NET 30 - DUE IN U.S. DOLLARS

QUANTITY	DESCRIPTION	PRICE	AMOUNT
37	SAMPLES RECEIVED	.00	.00
36	JAW CRUSHING CHARGE	1.30	46.80
36	SPLITTING CHARGE	1.20	43.20
36	FINE MILLING CHARGE	2.00	72.00
37	AU (1 A.T. FIRE ASSAY)	8.00	296.00
37	HYDROCHLORIC/NITRIC DIGESTION	2.00	74.00
37	AG ANALYSES	1.00	37.00
35	COMPOSITE CHARGE	1.00	35.00
11	MULTI-ELEMENT ICP PACKAGE	9.80	107.80
11	SB ANALYSES	7.15	78.65

$ 513.79

COPY

NET INVOICE:	790.45
LESS DISCOUNT:	276.66
FREIGHT:	.00
INVOICE TOTAL:	513.79

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ANALYSIS REPORT SP050225

American Assay Laboratories

PO BOX 11530
RENO NV,USA
Ph.(702) 356-0606, Fax.(702) 356-1413

NEWMONT GOLD COMPANY

COPIES TO : C. BALLEW
: R. VANCE
:
:

CLIENT REFERENCE No: RS-444
No. SAMPLES : 50
MAIN SAMPLE TYPE : DRILL CORE

RECEIVED : 21 AUG 1998
REPORTED : 21 AUG 1998

NEVADA LEGISLATIVE DISCLAIMER :-
The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geological materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project.

ANALYSIS	ANALYTICAL METHOD	QUALITY PARAMETER	UNIT	DETECTION
Au	FA30	15%	ppb	5
Au(R)	FA30	15%	ppb	5
Au(OZ)	FA30	15%	OPT	0.001
Au(RZ)	FA30	15%	OPT	0.001
Ag	D210	10%	ppm	0.5
Ag(OZ)	D210	10%	OPT	0.02

SIGNATORY : Susan King M.S.

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP050225

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-444

REPORTED : 21 AUG 1998

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-444 1615.2-1620.2	103	70	0.003	0.002	<0.5	<0.02
RS-444 1620.2-1624.9	<5		<0.001		<0.5	<0.02
RS-444 1624.9-1630.3	<5		<0.001		<0.5	<0.02
RS-444 1630.3-1635.0	<5		<0.001		<0.5	<0.02
RS-444 1635.0-1639.9	<5		<0.001		<0.5	<0.02
RS-444 1639.9-1640.8B	<5		<0.001		<0.5	<0.02
RS-444 1639.9-1640.8	<5		<0.001		<0.5	<0.02
RS-444 1640.8-1645.3	<5		<0.001		<0.5	<0.02
RS-444 1645.3-1650.0	<5		<0.001		<0.5	<0.02
RS-444 1650.0-1655.3	<5		<0.001		<0.5	<0.02
RS-444 1655.3-1660.1	<5		<0.001		<0.5	<0.02
RS-444 1660.1-1664.7	<5		<0.001		<0.5	<0.02
RS-444 1664.7-1669.9	<5		<0.001		<0.5	<0.02
RS-444 1669.9-1674.9	<5		<0.001		<0.5	<0.02
RS-444 1674.9-1680.1	<5		<0.001		<0.5	<0.02
RS-444 1680.1-1686.5	<5		<0.001		<0.5	<0.02
RS-444 1686.5-1690.4	<5		<0.001		<0.5	<0.02
RS-444 1690.4-1694.3	<5		<0.001		<0.5	<0.02
RS-444 1694.3-1698.4	<5		<0.001		<0.5	<0.02
RS-444 1698.4-1703.5	<5		<0.001		<0.5	<0.02
RS-444 1703.5-1707.6	<5		<0.001		<0.5	<0.02
RS-444 1707.6-1712.5	<5		<0.001		<0.5	<0.02
RS-444 1712.5-1717.6	<5		<0.001		<0.5	<0.02
RS-444 1717.6-1722.8	<5		<0.001		<0.5	<0.02
RS-444 1722.8-1728.3	<5		<0.001		<0.5	<0.02

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP050225

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-444

REPORTED : 21 AUG 1998

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-444 1728.3-1733.7	<5		<0.001		<0.5	<0.02
RS-444 1733.7-1739.8	<5		<0.001		<0.5	<0.02
RS-444 1739.8-1744.7	<5		<0.001		<0.5	<0.02
RS-444 1744.7-1749.9	<5		<0.001		<0.5	<0.02
RS-444 1749.9-1753.8	<5		<0.001		<0.5	<0.02
RS-444 1753.8-1755.1	60		0.002		2.1	0.06
RS-444 1755.1-1757.6	112	118	0.003	0.003	2.6	0.08
RS-444 1757.6-1762.3	10		<0.001		1.6	0.05
RS-444 1762.3-1767.6	<5		<0.001		<0.5	<0.02
RS-444 1767.6-1773.0	<5		<0.001		0.8	0.02
RS-444 1773.0-1778.3	<5		<0.001		<0.5	<0.02
RS-444 1778.3-1783.8	<5		<0.001		<0.5	<0.02
RS-444 1783.8-1788.1	<5		<0.001		<0.5	<0.02
RS-444 1788.1-1792.7	<5		<0.001		<0.5	<0.02
RS-444 1792.7-1798.0	<5		<0.001		<0.5	<0.02
RS-444 1798-1802	<5		<0.001		1.1	0.03
RS-444 1802-1804	232	204	0.007	0.006	4.3	0.13
RS-444 1804-1809	<5		<0.001		0.8	0.02
RS-444 1809-1814	<5		<0.001		<0.5	<0.02
RS-444 1814.0-1817.7	<5		<0.001		<0.5	<0.02
RS-444 1817.7-1823.4	56		0.002		1.4	0.04
RS-444 1823.4-1827.7	10		<0.001		<0.5	<0.02
RS-444 1827.7-1833.3	18		<0.001		<0.5	<0.02
RS-444 1833.3-1838.3	76	104	0.002	0.003	1.8	0.05
RS-444 1838.3-1841.7	177	184	0.005	0.005	1.6	0.05

AMERICAN ASSAY LABORATORIES

AAL 01-2 ICP PACKAGE DETECTION LIMITS

ELEMENT	Ag	Al	As	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Th	Ti	U	V	W	Zn
SAMPLES	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppb	%	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	0.3	0.01	2	3	1	3	0.01	0.2	1	1	1	0.01	10	0.01	1	0.01	2	1	0.01	1	0.001	3	2	0.2	1	2	0.01	8	1	2	1

0.500 GRAMS OF PULP IS DIGESTED WITH HYDROCHLORIC AND NITRIC ACID AT 95 DEGREE CENTIGRADE FOR ONE HOUR.
DIGEST IS PARTIAL FOR B, Ba, Ca, Cr, Fe, La, Mg, Mn, Sr, Ti AND W.
DIGEST IS LIMITED FOR Al, K AND Na.

AMERICAN ASSAY LABORATORIES
1500 GLENDALE AVE.
SPARKS, NV 89431
PHONE: (702) 356-0606
FAX: (702) 356-1413

CLIENT:	*NEWMONT GOLD COMPANY*
CLIENT REF:	ROSEBUD EXPLORATION
AAL REF:	SP050225
METHOD:	AAL 01-2 + Se

ELEMENT	Ag	Al	As	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Th	Ti	U	V	W	Zn
SAMPLES	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppb	%	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	< .3	0.32	3	< 3	40	< 3	0.94	0.4	< 1	10	13	2.44	25	0.23	25	0.01	549	2	0.05	6	0.02	17	3	0.3	87	8	0.02	< 8	4	< 2	27
RS-444 1639.9-1640.8	< .3	0.37	11	< 3	750	< 3	1.37	0.3	1	3	6	1.32	50	0.29	25	0.02	589	1	0.04	1	0.023	25	3	0.4	246	8	< .01	< 8	2	< 2	13
RS-444 1640.8-1655.3	< .3	0.37	< 2	< 3	50	< 3	1.03	0.2	< 1	5	8	1.86	15	0.25	26	0.02	564	1	0.05	3	0.021	18	3	0.3	121	9	0.01	< 8	3	< 2	24
RS-444 1655.3-1664.7	< .3	0.35	3	< 3	49	< 3	1.53	0.3	< 1	4	6	1.84	10	0.24	29	0.02	728	1	0.05	2	0.017	21	3	0.2	134	9	0.01	< 8	3	< 2	24
RS-444 1664.7-1686.5	0.7	0.34	2	< 3	54	< 3	1.05	0.3	< 1	6	8	1.96	< 10	0.23	32	0.02	521	1	0.05	3	0.026	17	3	< .1	110	10	0.01	< 8	3	< 2	25
RS-444 1686.5-1703.5	< .3	0.36	2	< 3	52	< 3	1.2	0.6	< 1	4	5	2.23	< 10	0.29	39	0.02	616	1	0.05	2	0.011	21	4	0.1	128	11	0.02	< 8	2	< 2	34
RS-444 1703.5-1722.8	0.5	0.66	3	< 3	38	< 3	1.46	0.7	< 1	4	6	1.96	15	0.33	37	0.03	853	2	0.04	2	0.016	27	3	< .1	122	10	< .01	< 8	1	< 2	73
RS-444 1722.8-1744.7	0.4	0.48	2	< 3	46	< 3	1.31	0.4	< 1	4	6	1.98	15	0.33	39	0.03	580	1	0.05	2	0.014	23	< 3	< .1	138	11	0.01	< 8	2	< 2	51
RS-444 1744.7-1755.1	0.8	0.88	36	< 3	62	< 3	0.48	0.5	4	5	7	2.1	85	0.3	39	0.16	395	3	0.05	3	0.031	22	7	2.7	151	8	< .01	< 8	10	< 2	80
RS-444 1755.1-1767.6	1.6	0.85	115	< 3	69	< 3	0.17	0.7	4	4	8	3.23	160	0.3	29	0.13	176	2	0.04	4	0.039	25	11	8.1	155	6	< .01	< 8	8	< 2	87
RS-444 1767.6-1778.3	0.3	0.97	8	< 3	58	< 3	0.73	0.6	4	6	8	2.27	40	0.35	39	0.2	565	1	0.06	3	0.03	18	4	1	155	7	< .01	< 8	14	< 2	77
RS-444 1778.3-1802.0	0.5	0.99	6	< 3	61	< 3	1.09	0.9	1	3	6	2.86	< 10	0.29	30	0.09	930	1	0.04	1	0.013	23	< 3	0.2	152	8	< .01	< 8	2	< 2	74
RS-444 1802.0-1817.7	1.1	0.63	51	< 3	46	< 3	0.51	1.1	< 1	2	5	2.61	80	0.29	33	0.04	412	2	0.03	1	0.02	29	4	4.7	170	8	< .01	< 8	1	< 2	77
RS-444 1817.7-1833.3	0.5	0.73	43	< 3	46	< 3	0.39	0.6	< 1	2	5	2.29	45	0.29	33	0.03	416	2	0.03	1	0.014	24	6	2.9	138	9	< .01	< 8	1	< 2	73
RS-444 1833.3-1841.7	1.6	0.38	108	< 3	47	< 3	0.12	0.2	< 1	2	7	1.48	105	0.26	39	0.02	41	3	0.03	1	0.017	32	11	12	169	12	< .01	< 8	< 1	< 2	72
STANDARD C3	5.7	1.88	59	18	147	23	0.53	23.3	11	161	62	3.24	835	0.17	17	0.6	727	25	0.04	36	0.09	33	25	0.4	28	20	0.08	28	77	17	159
STANDARD G-2	< .3	1.16	< 2	< 3	237	4	0.66	< .2	4	146	11	2.19	860	0.49	9	0.6	551	4	0.11	14	0.084	4	4	0.9	85	3	0.14	< 8	42	< 2	45

American Assay Laboratories

INVOICE

Remit To: P.O. Box11530
Reno, Nevada 89510
Phone NO.: 702-356-0606
Fax No.: 702-356-1413

AMERICAN ASSAY LABORATORIES
1500 GLENDALE AVE.
SPARKS, NV 89431-5902

(702) 356-0606

INVOICE NO: SP. 0050225-IN
INVOICE DATE: 09/15/98

INVOICE TO:
NEWMONT EXPLORATION LTD.
861 W. 6TH STREET
WINNEMUCCA NV 89445

NEWMONT EXPLORATION LTD.
861 W. 6TH STREET
WINNEMUCCA NV 89445

CUSTOMER P.O.	PROJECT	TERMS
RS-444	ROSEBUD EXPLOR.	NET 30 - DUE IN U.S. DOLLARS

QUANTITY	DESCRIPTION	PRICE	AMOUNT
50	SAMPLES RECEIVED	.00	.00
1	NO PREPARATION REQUIRED	.00	.00
49	JAW CRUSHING CHARGE	1.30	63.70
49	SPLITTING CHARGE	1.20	58.80
49	FINE MILLING CHARGE	2.00	98.00
50	Au (1 A.T. FIRE ASSAY)	8.00	400.00
50	HYDROCHLORIC/NITRIC DIGESTION	2.00	100.00
50	Ag ANALYSES	1.00	50.00
48	COMPOSITE CHARGE	1.00	48.00
14	MULTI-ELEMENT ICP PACKAGE	9.80	137.20
14	Se ANALYSES	7.15	100.10

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$ 686.27

NET INVOICE:	1,055.80
LESS DISCOUNT:	369.53
FREIGHT:	.00
INVOICE TOTAL:	686.27

xAMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP050288

American Assay Laboratories

PO BOX 11530
RENO NV,USA
Ph.(702) 356-0606, Fax.(702) 356-1413

NEWMONT GOLD COMPANY

COPIES TO : C. BALLEW
: R. VANCE
:
:

CLIENT REFERENCE No: RS-444
No. SAMPLES : 49
MAIN SAMPLE TYPE : DRILL CORE

RECEIVED : 25 AUG 1998
REPORTED : 25 AUG 1998

NEVADA LEGISLATIVE DISCLAIMER :-
The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geological materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project.

ANALYSIS	ANALYTICAL METHOD	QUALITY PARAMETER	UNIT	DETECTION
Au	FA30	15%	ppb	5
Au(R)	FA30	15%	ppb	5
Au(OZ)	FA30	15%	OPT	0.001
Au(RZ)	FA30	15%	OPT	0.001
Ag	D210	10%	ppm	0.5
Ag(OZ)	D210	10%	OPT	0.02

SIGNATORY : Susan King M.S.

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP050288

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CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-444

REPORTED : 25 AUG 1998

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-444 1841.7-1845.8	72		0.002		3.8	0.11
RS-444 1845.8-1847.7	76		0.002		5.4	0.16
RS-444 1847.7-1853.3	106		0.003		3.2	0.09
RS-444 1853.3-1858.0	50		0.001		1.1	0.03
RS-444 1858.0-1862.9	<5		<0.001		<0.5	<0.02
RS-444 1862.9-1867.7	<5		<0.001		<0.5	<0.02
RS-444 1867.7-1871.7	<5		<0.001		<0.5	<0.02
RS-444 1871.7-1874.8B	94		0.003		<0.5	<0.02
RS-444 1871.7-1874.8	<5		<0.001		<0.5	<0.02
RS-444 1874.8-1879.0	<5		<0.001		<0.5	<0.02
RS-444 1879-1884	<5		<0.001		<0.5	<0.02
RS-444 1884-1889	<5		<0.001		<0.5	<0.02
RS-444 1889.0-1892.7	<5		<0.001		<0.5	<0.02
RS-444 1892.7-1897.0	<5		<0.001		<0.5	<0.02
RS-444 1897.0-1901.2	22		<0.001		<0.5	<0.02
RS-444 1901.2-1905.4	<5		<0.001		<0.5	<0.02
RS-444 1905.4-1910.4	<5		<0.001		<0.5	<0.02
RS-444 1910.4-1913.4	<5		<0.001		<0.5	<0.02
RS-444 1913.4-1918.5	<5		<0.001		<0.5	<0.02
RS-444 1918.5-1923.8	24		<0.001		<0.5	<0.02
RS-444 1923.8-1928.7	<5		<0.001		<0.5	<0.02
RS-444 1928.7-1931.7	20		<0.001		<0.5	<0.02
RS-444 1931.7-1936.8	16		<0.001		<0.5	<0.02
RS-444 1936.8-1941.1	<5		<0.001		<0.5	<0.02
RS-444 1941.1-1946.0	<5		<0.001		<0.5	<0.02

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ANALYSIS REPORT SP050288

American Assay Laboratories

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REFERENCE : RS-444

REPORTED : 25 AUG 1998

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-444 1946.0-1951.4	<5		<0.001		<0.5	<0.02
RS-444 1951.4-1956.7	<5		<0.001		<0.5	<0.02
RS-444 1956.7-1960.6	26		<0.001		1.8	0.05
RS-444 1960.6-1964.5	102		0.003		2.0	0.06
RS-444 1964.5-1968.3	26		<0.001		<0.5	<0.02
RS-444 1968.3-1970.0	10		<0.001		<0.5	<0.02
RS-444 1970.0-1971.3	<5		<0.001		<0.5	<0.02
RS-444 1971.3-1974.2	<5		<0.001		<0.5	<0.02
RS-444 1974.2-1979.5	<5		<0.001		<0.5	<0.02
RS-444 1979.5-1984.6	<5		<0.001		<0.5	<0.02
RS-444 1984.6-1989.7	<5		<0.001		<0.5	<0.02
RS-444 1989.7-1994.2	<5		<0.001		<0.5	<0.02
RS-444 1994.2-1997.9	<5		<0.001		<0.5	<0.02
RS-444 1997.9-2002.6	<5		<0.001		<0.5	<0.02
RS-444 2002.6-2007.3	<5		<0.001		<0.5	<0.02
RS-444 2007.3-2012.5	<5		<0.001		<0.5	<0.02
RS-444 2012.5-2017.7	<5		<0.001		<0.5	<0.02
RS-444 2017.7-2022.7	<5		<0.001		<0.5	<0.02
RS-444 2022.7-2025.3	<5		<0.001		<0.5	<0.02
RS-444 2025.3-2030.4	40		0.001		<0.5	<0.02
RS-444 2030.4-2035.3	<5		<0.001		<0.5	<0.02
RS-444 2035.3-2038.0	<5		<0.001		<0.5	<0.02
RS-444 2038.0-2043.1	<5		<0.001		<0.5	<0.02
RS-444 2043.1-2047.4	<5		<0.001		<0.5	<0.02

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AAL 01-2 ICP PACKAGE DETECTION LIMITS

ELEMENT	Ag	Al	As	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Th	Ti	U	V	W	Zn
SAMPLES	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppb	%	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	0.3	0.01	2	3	1	3	0.01	0.2	1	1	1	0.01	10	0.01	1	0.01	2	1	0.01	1	0.001	3	2	0.2	1	2	0.01	8	1	2	1

0.500 GRAMS OF PULP IS DIGESTED WITH HYDROCHLORIC AND NITRIC ACID AT 95 DEGREE CENTIGRADE FOR ONE HOUR.
DIGEST IS PARTIAL FOR B, Ba, Ca, Cr, Fe, La, Mg, Mn, Sr, Ti AND W.
DIGEST IS LIMITED FOR Al, K AND Na.

AMERICAN ASSAY LABORATORIES
1500 GLENDALE AVE.
SPARKS, NV 89431
PHONE: (702) 356-0606
FAX: (702) 356-1413

CLIENT: *NEWMONT GOLD COMPANY*
CLIENT REF: ROSEBUD EXPLORATION
AAL REF: SP050288
METHOD: AAL 01-2 + Se

ELEMENT SAMPLES	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm
RS-444 1841.7-1853.3	3.7	0.49	133	< 3	36	< 3	0.13	0.5	< 1	2	12	2.69	95	0.3	29	0.02	44	50	0.03	1	0.012	31	13	14	195	9	< .01	< 8	1	2	60
RS-444 1853.3-1862.9	0.6	0.78	59	< 3	53	< 3	0.3	0.3	< 1	2	5	2.14	70	0.36	38	0.03	211	3	0.04	1	0.012	28	7	4	171	11	< .01	< 8	< 1	< 2	78
RS-444 1862.9-1871.7	0.5	0.85	5	< 3	58	< 3	1.38	0.4	< 1	3	7	2.26	30	0.46	41	0.04	1029	1	0.05	1	0.014	25	4	0.2	162	12	< .01	< 8	1	< 2	61
RS-444 1871.7-1874.8	0.6	0.74	13	< 3	55	< 3	0.71	0.3	< 1	3	6	2.69	15	0.4	32	0.03	449	1	0.05	2	0.013	38	4	0.9	170	8	< .01	< 8	1	< 2	47
RS-444 1874.8-1892.7	< .3	0.68	4	< 3	61	< 3	1.32	0.6	< 1	4	7	1.78	50	0.44	44	0.03	856	1	0.05	2	0.014	28	3	0.3	139	13	< .01	< 8	2	< 2	59
RS-444 1892.7-1905.4	0.3	0.52	6	< 3	57	< 3	0.79	0.3	< 1	3	5	1.69	65	0.35	52	0.02	692	< 1	0.05	1	0.01	24	4	0.2	180	13	< .01	< 8	1	< 2	23
RS-444 1905.4-1913.4	0.3	0.68	7	< 3	63	< 3	1.1	0.3	< 1	2	7	1.66	45	0.44	39	0.03	729	< 1	0.05	1	0.011	31	4	< .1	184	12	< .01	< 8	1	< 2	62
RS-444 1913.4-1923.8	0.5	0.63	4	< 3	67	< 3	1.12	0.2	< 1	3	6	1.35	45	0.43	45	0.03	692	< 1	0.05	2	0.011	24	4	< .1	166	15	< .01	< 8	1	< 2	46
RS-444 1923.8-1941.1	0.4	0.51	3	< 3	64	< 3	1.33	0.3	< 1	3	5	1.69	20	0.39	44	0.02	531	1	0.06	2	0.012	20	< 3	< .1	163	14	0.01	< 8	1	< 2	37
RS-444 1941.1-1956.7	0.3	0.75	14	< 3	58	< 3	1.07	0.3	< 1	3	6	1.81	20	0.41	45	0.03	857	1	0.04	1	0.016	27	3	0.2	166	14	< .01	< 8	1	< 2	55
RS-444 1956.7-1960.6	1	0.96	42	< 3	66	< 3	0.16	0.4	< 1	2	6	1.5	25	0.46	62	0.03	284	2	0.04	1	0.009	31	4	3	225	15	< .01	< 8	1	2	49
RS-444 1960.6-1970.0	0.6	0.92	101	< 3	133	< 3	0.3	0.6	< 1	2	6	1.88	15	0.39	40	0.03	464	1	0.03	1	0.012	38	7	4.9	200	12	< .01	< 8	< 1	< 2	73
RS-444 1970.0-1989.7	0.7	0.62	3	< 3	57	< 3	0.99	0.4	< 1	2	6	1.42	35	0.37	70	0.04	795	< 1	0.04	1	0.011	48	3	0.2	225	17	< .01	< 8	< 1	< 2	39
RS-444 1989.7-2007.3	< .3	0.45	< 2	< 3	58	< 3	1.23	< .2	< 1	2	3	0.78	30	0.32	70	0.03	498	< 1	0.05	1	0.01	22	< 3	0.1	197	18	< .01	< 8	< 1	< 2	21
RS-444 2007.3-2025.3	< .3	0.48	2	< 3	80	< 3	0.79	0.2	< 1	2	4	1.83	10	0.35	67	0.02	462	< 1	0.05	1	0.009	28	< 3	< .1	236	18	0.01	< 8	1	2	65
RS-444 2025.3-2038.0	1.2	0.64	8	< 3	77	< 3	0.51	< .2	< 1	1	3	1.62	25	0.35	49	0.04	233	1	0.05	1	0.011	25	< 3	1.2	204	15	< .01	< 8	< 1	< 2	87
RS-444 2038.0-2047.4	< .3	0.57	< 2	< 3	90	< 3	1.06	0.3	< 1	2	4	1.78	10	0.37	58	0.03	832	1	0.05	1	0.014	22	< 3	< .1	183	17	< .01	< 8	< 1	< 2	97
STANDARD C3	5.7	1.91	58	19	147	23	0.54	23.5	12	165	63	3.32	855	0.16	18	0.61	751	25	0.04	36	0.092	37	24	0.9	28	21	0.08	14	79	17	163
STANDARD G-2	< .3	1.14	< 2	< 3	234	< 3	0.65	< .2	4	148	10	2.19	885	0.48	9	0.61	559	4	0.09	14	0.083	3	5	1	83	3	0.13	< 8	42	< 2	46

American Assay Laboratories

INVOICE

Remit To: P.O. Box11530
Reno, Nevada 89510
Phone NO.: 702-356-0606
Fax No.: 702-356-1413

AMERICAN ASSAY LABORATORIES
1500 GLENDALE AVE.
SPARKS, NV 89431-5902

(702) 356-0606

INVOICE NO: SP 0050288-IN
INVOICE DATE: 09/15/98

INVOICE TO:
NEWMONT EXPLORATION LTD.
861 W. 6TH STREET
WINNEMUCCA NV 89445

NEWMONT EXPLORATION LTD.
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CUSTOMER P.O.	PROJECT	TERMS
RS-444	ROSEBUD EXPLOR.	NET 30 - DUE IN U.S. DOLLARS

QUANTITY	DESCRIPTION	PRICE	AMOUNT
49	SAMPLES RECEIVED	.00	.00
1	NO PREPARATION REQUIRED	.00	.00
48	DRYING	1.00	48.00
48	JAW CRUSHING CHARGE	1.30	62.40
48	SPLITTING CHARGE	1.20	57.60
48	FINE MILLING CHARGE	2.00	96.00
49	Au (1 A.T. FIRE ASSAY)	8.00	392.00
49	HYDROCHLORIC/NITRIC DIGESTION	2.00	98.00
49	Ag ANALYSES	1.00	49.00
46	COMPOSITE CHARGE	1.00	46.00
17	MULTI-ELEMENT ICP PACKAGE	9.80	166.60
17	Se ANALYSES	7.15	121.55

$739.15

NET INVOICE	1,137.15
LESS DISCOUNT	398.00
FREIGHT	.00
INVOICE TOTAL	739.15

COPY

AMERICAN ASSAY LABORATORIES
1500 GLENDALE AVE.
SPARKS, NV 89431
PHONE: (702) 356-0606
FAX: (702) 356-1413

CLIENT REF: ROSEBUD EXPLORATION
AAL REF: SP049366
METHOD: AAL 01-2 + 14 Se

ELEMENT SAMPLES	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm
RS-444 000-020	2.6	0.79	29	7	202	< 3	0.23	0.2
RS-444 020-040	1.4	0.61	27	< 3	139	< 3	0.17	< .2
RS-444 040-060	2.7	0.69	32	< 3	182	< 3	0.06	0.5
RS-444 060-080	0.4	1.06	5	< 3	79	< 3	1.06	0.5
RS-444 080-100	2.5	0.97	33	< 3	148	< 3	0.2	0.4
RS-444 100-120	< .3	0.82	14	< 3	39	< 3	0.26	0.6
RS-444 120-140	< .3	0.89	5	< 3	26	< 3	0.92	0.4
RS-444 140-160	< .3	0.67	< 2	< 3	39	< 3	1.76	0.2
RS-444 160-180	0.8	0.68	2	< 3	33	< 3	1.17	0.4
RS-444 180-200	0.3	0.78	2	< 3	24	< 3	1.64	0.4
RS-444 200-220	< .3	0.72	4	< 3	28	< 3	1.96	0.6
RS-444 220-240	0.5	0.83	8	< 3	34	< 3	1.24	0.5
RS-444 240-260	0.6	0.8	29	< 3	38	< 3	0.54	0.2
RS-444 260-280	1.7	0.78	50	< 3	33	< 3	0.79	0.2
RS-444 280-300	< .3	0.67	10	< 3	31	< 3	0.98	0.4
RS-444 300-320	0.4	0.64	2	< 3	33	< 3	1.42	0.3
RS-444 320-340	< .3	0.68	2	< 3	31	< 3	1.07	0.2
RS-444 340-360	< .3	0.55	< 2	< 3	41	< 3	0.67	< .2
RS-444 360-380	0.4	0.61	< 2	< 3	35	< 3	1.14	0.5
RS-444 380-400	< .3	0.56	< 2	< 3	35	< 3	0.28	< .2
RS-444 400-420	0.3	0.54	5	< 3	53	< 3	0.37	0.2
RS-444 420-440	< .3	0.59	9	< 3	22	< 3	0.32	< .2
RS-444 440-460	< .3	0.59	6	< 3	15	< 3	0.26	0.2
RS-444 460-480	< .3	0.73	5	< 3	22	< 3	0.24	< .2
RS-444 480-500	< .3	0.8	< 2	< 3	24	< 3	0.42	< .2
RS-444 500-520	0.3	0.77	3	< 3	52	< 3	0.26	< .2
RS-444 520-540	0.3	0.86	3	< 3	35	< 3	0.54	< .2
RS-444 540-560	< .3	0.72	5	< 3	46	< 3	0.7	< .2
STANDARD C3	5.3	1.86	53	17	146	19	0.53	23.4
STANDARD G-2	< .3	1.03	< 2	< 3	236	< 3	0.64	< .2

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Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm
2	8	10	2.23	65	0.37	23	0.11	250	2	0.07	5	0.015	22	8		53	9	< .01	< 8	10	< 2	42
< 1	5	7	1.9	105	0.36	22	0.03	59	2	0.03	3	0.006	18	9		25	10	< .01	< 8	2	< 2	27
< 1	4	7	1.73	130	0.34	21	0.01	46	2	0.02	3	0.005	19	8		12	9	< .01	< 8	2	< 2	43
< 1	3	5	1.29	20	0.56	24	0.04	1149	1	0.02	2	0.011	26	< 3		74	9	< .01	< 8	3	< 2	76
1	5	6	1.78	90	0.56	23	0.02	669	1	0.02	3	0.014	22	5		30	9	< .01	< 8	3	< 2	91
< 1	4	6	1.61	60	0.56	24	0.04	1062	3	0.02	3	0.018	24	< 3		40	8	< .01	< 8	2	< 2	69
< 1	3	5	1.51	30	0.47	24	0.06	755	2	0.02	3	0.019	23	< 3		87	8	< .01	< 8	3	< 2	46
< 1	3	4	1.41	35	0.36	23	0.06	1435	1	0.02	2	0.019	21	< 3		111	7	< .01	< 8	2	< 2	34
< 1	4	4	1.36	45	0.36	23	0.05	1552	1	0.02	3	0.017	18	< 3		96	7	< .01	< 8	3	< 2	37
< 1	3	4	1.34	35	0.36	24	0.06	1189	1	0.02	1	0.014	20	< 3		127	7	< .01	< 8	3	< 2	56
< 1	4	5	1.67	65	0.35	25	0.06	2049	1	0.02	2	0.014	23	< 3		106	8	< .01	< 8	4	< 2	47
1	4	6	1.77	65	0.37	23	0.07	1077	2	0.03	2	0.014	23	< 3		116	9	< .01	< 8	8	< 2	68
1	4	5	1.87	65	0.3	22	0.04	365	3	0.03	2	0.021	21	6		108	10	< .01	< 8	3	< 2	92
1	3	5	2.02	100	0.32	24	0.04	355	9	0.03	2	0.025	29	8		144	10	< .01	< 8	2	< 2	102
< 1	5	6	1.57	65	0.3	19	0.03	925	3	0.05	2	0.011	19	< 3		113	8	< .01	< 8	3	< 2	57
< 1	4	5	1.51	20	0.32	21	0.03	889	1	0.05	2	0.009	20	< 3		160	10	0.01	< 8	2	< 2	18
< 1	4	4	1.47	< 10	0.3	18	0.04	645	1	0.07	2	0.008	18	< 3		160	9	0.01	< 8	3	< 2	23
< 1	5	5	1.89	15	0.24	21	0.04	510	1	0.08	3	0.011	13	< 3		142	9	0.02	< 8	5	< 2	61
< 1	4	4	1.75	< 10	0.26	20	0.05	1011	< 1	0.06	2	0.011	13	< 3		198	9	0.02	< 8	4	2	44
< 1	3	3	1.81	75	0.24	22	0.04	158	< 1	0.06	2	0.012	16	< 3		152	10	0.02	< 8	4	2	59
< 1	4	5	1.97	220	0.25	25	0.04	212	1	0.06	2	0.02	22	3		163	10	0.03	< 8	6	3	77
< 1	3	4	1.26	210	0.28	20	0.02	244	1	0.05	2	0.012	27	6		174	9	< .01	< 8	1	< 2	29
< 1	2	3	0.89	140	0.29	14	0.02	1099	1	0.04	1	0.009	26	4		186	8	< .01	< 8	< 1	< 2	27
< 1	2	3	1.22	75	0.32	19	0.02	553	1	0.05	1	0.012	23	5		171	10	< .01	< 8	2	< 2	32
< 1	3	3	1.11	115	0.41	24	0.02	483	1	0.04	1	0.013	23	< 3		182	10	< .01	< 8	3	< 2	65
< 1	2	3	1.09	135	0.41	24	0.02	607	1	0.04	1	0.014	24	< 3		171	11	< .01	< 8	2	< 2	65
< 1	3	4	1.43	45	0.4	25	0.02	419	1	0.06	1	0.016	22	< 3		179	11	0.01	< 8	3	< 2	46
< 1	3	3	1.47	50	0.33	16	0.02	575	1	0.06	2	0.014	21	< 3		156	10	0.01	< 8	1	< 2	38
11	168	61	3.17	935	0.16	17	0.58	747	24	0.04	36	0.087	33	17		28	20	0.09	20	78	16	159
4	79	3	2	< 10	0.49	8	0.6	537	1	0.08	8	0.097	3	< 3		77	4	0.13	< 8	41	2	42

AMERICAN ASSAY LABORATORIES
1500 GLENDALE AVE.
SPARKS, NV 89431
PHONE: (702) 356-0606
FAX: (702) 356-1413

CLIENT REF: ROSEBUD EXPLORATION
AAL REF: SP049366
METHOD: AAL 01-2 + 14 Se

ELEMENT SAMPLES	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm
RS-444 560-580	< .3	0.86	7	< 3	30	< 3	0.61	< .2
RS-444 580-600	0.6	0.76	5	< 3	30	< 3	1.01	< .2
RS-444 600-620	< .3	0.61	9	< 3	36	< 3	0.76	0.2
RS-444 1035-1040	0.3	0.66	4	< 3	58	< 3	1.24	0.3
RS-444 1040-1045	0.5	0.82	82	< 3	69	< 3	0.97	0.3
RS-444 1045-1050	< .3	0.69	2	< 3	69	< 3	2.57	0.3
RS-444 1130-1135	< .3	0.58	< 2	< 3	52	< 3	0.71	0.2
RS-444 1135-1140	< .3	0.47	< 2	< 3	46	< 3	0.88	0.2
RS-444 1140-1145	0.4	0.59	19	< 3	182	< 3	0.77	< .2
RS-444 1145-1150	< .3	0.6	4	< 3	53	< 3	1.04	0.2
RS-444 1150-1155	< .3	0.73	12	< 3	49	< 3	0.79	0.2
RS-444 1155-1160	0.7	0.61	72	< 3	47	< 3	0.4	0.3
RS-444 1160-1165	0.8	0.68	97	< 3	43	< 3	0.38	1.2
RS-444 1165-1170	0.3	0.5	30	< 3	62	< 3	0.26	0.6
RS-444 1170-1175	< .3	0.66	19	< 3	154	< 3	0.73	0.5
RS-444 1370-1375	< .3	0.95	< 2	< 3	54	4	0.65	0.2
RS-444 1375-1380	< .3	0.95	< 2	< 3	58	< 3	0.67	0.5
RS-444 1380-1385	< .3	1.01	< 2	< 3	56	< 3	0.57	0.6
RS-444 1385-1390	< .3	0.69	< 2	< 3	52	< 3	0.87	0.4
RS-444 1390-1395	< .3	1.19	< 2	< 3	58	< 3	0.77	0.5
RS-444 1395-1400	< .3	1.56	2	3	53	7	1.08	0.4
RS-444 1400-1405	< .3	0.83	17	< 3	304	4	0.54	0.5
RS-444 1405-1410	0.4	0.63	37	< 3	91	3	0.21	1.8
RS-444 1410-1415	0.8	0.94	53	< 3	72	4	0.42	3
RS-444 1415-1420	0.8	0.58	57	< 3	48	< 3	0.29	1.2
RS-444 1420-1425	2.2	0.93	43	< 3	58	< 3	0.18	0.7
RS-444 1425-1430	1	0.56	53	< 3	132	< 3	0.18	0.7
RS-444 1430-1435	1	1.03	58	< 3	60	< 3	0.91	2
RS-444 1435-1440	0.3	1.09	5	< 3	51	< 3	1.41	1.7
STANDARD C3	5.8	1.98	57	19	163	23	0.57	24.9
STANDARD G-2	< .3	1.12	< 2	< 3	240	< 3	0.67	< .2

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Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm
< 1	3	3	1.51	165	0.29	21	0.02	543	1	0.05	1	0.016	21	4		173	10	< .01	< 8	2	< 2	50
< 1	3	5	1.58	155	0.29	24	0.02	783	1	0.06	1	0.017	18	< 3		170	11	0.01	< 8	5	< 2	77
1	4	4	1.72	160	0.24	24	0.02	415	1	0.06	2	0.018	22	3		172	11	0.01	< 8	2	< 2	53
1	6	4	2.15	60	0.3	27	0.05	723	1	0.08	2	0.049	26	< 3		176	9	0.03	< 8	11	< 2	56
2	4	3	1.73	110	0.34	24	0.08	306	2	0.07	2	0.027	19	7		157	7	0.01	< 8	4	< 2	41
< 1	4	3	1.96	10	0.33	30	0.07	1251	1	0.07	2	0.009	19	< 3		234	8	0.02	< 8	5	< 2	35
< 1	3	4	1.26	10	0.34	25	0.01	373	1	0.08	1	0.013	17	< 3		121	10	0.01	< 8	1	< 2	17
< 1	5	5	1.3	25	0.27	22	0.01	387	1	0.07	2	0.014	16	< 3		123	10	0.01	< 8	1	< 2	22
< 1	4	4	1.22	50	0.3	24	0.02	387	1	0.06	2	0.02	19	< 3		145	9	< .01	< 8	2	< 2	40
1	5	4	1.21	60	0.33	23	0.02	965	1	0.07	2	0.016	22	< 3		165	9	< .01	< 8	1	< 2	49
< 1	3	3	1.02	65	0.34	24	0.02	595	1	0.07	1	0.01	22	< 3		171	10	< .01	< 8	1	< 2	51
1	3	4	1.59	90	0.26	22	0.02	235	4	0.06	1	0.012	25	5		143	9	< .01	< 8	3	< 2	70
1	5	5	3.32	205	0.3	19	0.02	238	12	0.06	2	0.014	31	4		150	8	< .01	< 8	3	< 2	89
1	7	7	1.47	75	0.29	25	0.02	429	1	0.06	2	0.027	28	< 3		139	9	< .01	< 8	1	< 2	69
1	6	4	1.79	75	0.37	26	0.02	614	1	0.07	2	0.021	22	< 3		143	9	0.01	< 8	2	< 2	52
1	10	6	1.42	10	0.5	22	0.05	257	1	0.07	2	0.019	14	< 3	0.4	108	8	0.01	< 8	2	< 2	18
1	13	6	1.18	15	0.54	25	0.06	249	2	0.05	2	0.023	12	< 3	0.4	158	7	0.01	< 8	2	< 2	15
1	7	5	1.47	< 10	0.59	28	0.07	295	1	0.06	1	0.021	15	< 3	0.4	149	7	0.01	< 8	2	2	27
1	11	9	1.96	15	0.44	28	0.04	458	2	0.07	3	0.019	19	< 3	0.1	119	8	0.01	< 8	3	< 2	33
1	14	10	2.36	< 10	0.66	26	0.06	349	2	0.09	3	0.018	16	< 3	< .1	96	10	0.02	< 8	4	< 2	45
1	15	10	2	< 10	0.79	25	0.07	312	2	0.07	4	0.022	14	< 3	0.1	100	9	0.01	< 8	4	< 2	35
1	8	7	1.33	25	0.45	25	0.04	264	2	0.05	2	0.018	19	< 3	0.5	112	9	< .01	< 8	2	< 2	24
< 1	8	5	1.6	25	0.37	22	0.04	411	2	0.07	1	0.019	20	< 3	2.2	87	8	< .01	< 8	1	< 2	54
< 1	10	7	1.87	35	0.53	21	0.04	551	2	0.09	3	0.016	26	3	3.1	90	7	< .01	< 8	2	< 2	101
1	11	9	2.06	35	0.35	23	0.02	233	2	0.07	3	0.017	21	6	2.8	74	9	< .01	< 8	1	< 2	50
1	6	7	1.61	20	0.49	24	0.03	163	2	0.07	2	0.019	20	5	4.3	74	9	< .01	< 8	2	< 2	29
< 1	8	9	1.8	20	0.32	25	0.02	186	2	0.06	3	0.019	24	5	3.4	73	9	< .01	< 8	1	< 2	26
< 1	5	8	3.76	60	0.4	16	0.04	796	1	0.06	2	0.012	40	4	3.6	100	7	< .01	< 8	2	< 2	40
< 1	8	6	3.78	20	0.4	24	0.05	1456	1	0.08	3	0.013	26	< 3	0.2	115	8	0.01	< 8	5	< 2	46
12	185	68	3.48	965	0.18	18	0.63	825	26	0.04	39	0.096	38	19	1	31	22	0.09	26	86	15	172
4	149	10	2.19	12	0.48	8	0.6	578	4	0.1	12	0.084	5	< 3	0.5	87	4	0.14	< 8	42	< 2	44

AMERICAN ASSAY LABORATORIES

PROVISIONAL REPORT SP049366

PO BOX 11530
RENO NV.USA
Ph.(702) 356-0606, Fax.(702) 356-1413

NEWMONT GOLD COMPANY

COPIES TO : C. BALLEW
: R. VANCE
:
:

CLIENT REFERENCE No: RS-444 RECEIVED : 2 JUL 1998

No. SAMPLES : 179 REPORTED : 2 JUL 1998

MAIN SAMPLE TYPE : DRILL CUTTINGS

NEVADA LEGISLATIVE DISCLAIMER :-
The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geological materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project.

ANALYSIS	ANALYTICAL METHOD	QUALITY PARAMETER	UNIT	DETECTION
Au	FA30	15%	ppb	5
Au(R)	FA30	15%	ppb	5
Au(OZ)	FA30	15%	OPT	0.001
Au(RZ)	FA30	15%	OPT	0.001
Ag	D210	10%	ppm	0.5
Ag(OZ)	D210	10%	OPT	0.02

AMERICAN ASSAY LABORATORIES

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SAMPLES	Au	Au(R)	Au(OZ)	Au(RZ)	Ag	Ag(OZ)
RS-444 000-005	117		0.003		3.6	0.11
RS-444 005-010	87		0.003		5.2	0.15
RS-444 010-015	28		<0.001		0.6	<0.02
RS-444 015-020	29		<0.001		<0.5	<0.02
RS-444 020-025	38		0.001		0.7	0.02
RS-444 025-030	70		0.002		0.9	0.03
RS-444 030-035	101		0.003		1.1	0.03
RS-444 035-040	105		0.003		1.2	0.04
RS-444 040-045	179	260	0.005	0.008	4.8	0.14
RS-444 045-050	135		0.004		4.8	0.14
RS-444 050-055	75		0.002		2.1	0.06
RS-444 055-060	7		<0.001		<0.5	<0.02
RS-444 060-065	6		<0.001		<0.5	<0.02
RS-444 065-070	<5		<0.001		<0.5	<0.02
RS-444 070-075	<5		<0.001		<0.5	<0.02
RS-444 075-080	<5		<0.001		<0.5	<0.02
RS-444 080-085	<5		<0.001		<0.5	<0.02
RS-444 085-090	55	56	0.002	0.002	<0.5	<0.02
RS-444 090-095	253	264	0.007	0.008	12.3	0.36
RS-444 095-100	56	40	0.002	0.001	1.6	0.05
RS-444 100-105	<5		<0.001		0.5	<0.02
RS-444 105-110	<5		<0.001		<0.5	<0.02
RS-444 110-115	<5		<0.001		<0.5	<0.02
RS-444 115-120	<5		<0.001		<0.5	<0.02
RS-444 120-125	<5		<0.001		<0.5	<0.02

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SAMPLES	Au	Au(R)	Au(OZ)	Au(RZ)	Ag	Ag(OZ)
RS-444 125-130	<5		<0.001		<0.5	<0.02
RS-444 130-135	<5		<0.001		<0.5	<0.02
RS-444 135-140	<5		<0.001		<0.5	<0.02
RS-444 140-145	<5		<0.001		<0.5	<0.02
RS-444 145-150	10		<0.001		<0.5	<0.02
RS-444 150-155	<5		<0.001		<0.5	<0.02
RS-444 155-160	<5		<0.001		<0.5	<0.02
RS-444 160-165	<5		<0.001		<0.5	<0.02
RS-444 165-170	<5		<0.001		<0.5	<0.02
RS-444 170-175	<5		<0.001		<0.5	<0.02
RS-444 175-180	<5		<0.001		<0.5	<0.02
RS-444 180-185	<5		<0.001		<0.5	<0.02
RS-444 185-190	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-444 190-195	<5		<0.001		<0.5	<0.02
RS-444 195-200	<5		<0.001		<0.5	<0.02
RS-444 200-205	8		<0.001		<0.5	<0.02
RS-444 205-210	<5		<0.001		<0.5	<0.02
RS-444 210-215	<5		<0.001		<0.5	<0.02
RS-444 215-220	<5		<0.001		<0.5	<0.02
RS-444 220-225	<5		<0.001		<0.5	<0.02
RS-444 225-230	<5		<0.001		<0.5	<0.02
RS-444 230-235	<5		<0.001		<0.5	<0.02
RS-444 235-240	<5		<0.001		<0.5	<0.02
RS-444 240-245	<5		<0.001		<0.5	<0.02
RS-444 245-250	<5		<0.001		<0.5	<0.02

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SAMPLES	Au	Au(R)	Au(OZ)	Au(RZ)	Ag	Ag(OZ)
RS-444 250-255	<5	<5	<0.001	<0.001	0.5	<0.02
RS-444 255-260	<5		<0.001		0.8	0.02
RS-444 260-265	62		0.002		2.0	0.06
RS-444 265-270	18		<0.001		1.9	0.06
RS-444 270-275	<5		<0.001		1.3	0.04
RS-444 275-280	<5		<0.001		<0.5	<0.02
RS-444 280-285	<5		<0.001		<0.5	<0.02
RS-444 285-290	<5		<0.001		<0.5	<0.02
RS-444 290-295	<5		<0.001		<0.5	<0.02
RS-444 295-300	<5		<0.001		<0.5	<0.02
RS-444 300-305	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-444 305-310	<5		<0.001		<0.5	<0.02
RS-444 310-315	<5		<0.001		<0.5	<0.02
RS-444 315-320	<5		<0.001		<0.5	<0.02
RS-444 320-325	<5		<0.001		<0.5	<0.02
RS-444 325-330	<5		<0.001		<0.5	<0.02
RS-444 330-335	<5		<0.001		<0.5	<0.02
RS-444 335-340	<5		<0.001		<0.5	<0.02
RS-444 340-345	<5		<0.001		<0.5	<0.02
RS-444 345-350	<5		<0.001		<0.5	<0.02
RS-444 350-355	<5		<0.001		<0.5	<0.02
RS-444 355-360	<5		<0.001		<0.5	<0.02
RS-444 360-365	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-444 365-370	<5		<0.001		<0.5	<0.02
RS-444 370-375	<5		<0.001		<0.5	<0.02

AMERICAN ASSAY LABORATORIES

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SAMPLES	Au	Au(R)	Au(OZ)	Au(RZ)	Ag	Ag(OZ)
RS-444 375-380	<5		<0.001		<0.5	<0.02
RS-444 380-385	5		<0.001		<0.5	<0.02
RS-444 385-390	<5		<0.001		<0.5	<0.02
RS-444 390-395	<5		<0.001		<0.5	<0.02
RS-444 395-400	<5		<0.001		<0.5	<0.02
RS-444 400-405	<5		<0.001		<0.5	<0.02
RS-444 405-410	<5		<0.001		<0.5	<0.02
RS-444 410-415	<5		<0.001		<0.5	<0.02
RS-444 415-420	<5		<0.001		<0.5	<0.02
RS-444 420-425	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-444 425-430	<5		<0.001		<0.5	<0.02
RS-444 430-435	<5		<0.001		<0.5	<0.02
RS-444 435-440	<5		<0.001		<0.5	<0.02
RS-444 440-445	<5		<0.001		<0.5	<0.02
RS-444 445-450	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-444 450-455	<5		<0.001		<0.5	<0.02
RS-444 455-460	<5		<0.001		<0.5	<0.02
RS-444 460-465	<5		<0.001		<0.5	<0.02
RS-444 465-470	<5		<0.001		<0.5	<0.02
RS-444 470-475	<5		<0.001		<0.5	<0.02
RS-444 475-480	<5		<0.001		<0.5	<0.02
RS-444 480-485	<5		<0.001		<0.5	<0.02
RS-444 485-490	<5		<0.001		<0.5	<0.02
RS-444 490-495	<5		<0.001		<0.5	<0.02
RS-444 495-500	<5		<0.001		<0.5	<0.02

AMERICAN ASSAY LABORATORIES

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SAMPLES	Au	Au(R)	Au(OZ)	Au(RZ)	Ag	Ag(OZ)
RS-444 500-505	<5		<0.001		<0.5	<0.02
RS-444 505-510	<5		<0.001		<0.5	<0.02
RS-444 510-515	<5		<0.001		<0.5	<0.02
RS-444 515-520	<5		<0.001		<0.5	<0.02
RS-444 520-525	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-444 525-530	<5		<0.001		<0.5	<0.02
RS-444 530-535	<5		<0.001		<0.5	<0.02
RS-444 535-540	<5		<0.001		<0.5	<0.02
RS-444 540-545	<5		<0.001		<0.5	<0.02
RS-444 545-550	<5		<0.001		<0.5	<0.02
RS-444 550-555	<5		<0.001		<0.5	<0.02
RS-444 555-560	<5		<0.001		<0.5	<0.02
RS-444 560-565	<5		<0.001		<0.5	<0.02
RS-444 565-570	<5		<0.001		<0.5	<0.02
RS-444 570-575	<5		<0.001		<0.5	<0.02
RS-444 570-575B	94		0.003		<0.5	<0.02
RS-444 575-580	<5		<0.001		<0.5	<0.02
RS-444 580-585	<5		<0.001		<0.5	<0.02
RS-444 585-590	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-444 590-595	<5		<0.001		<0.5	<0.02
RS-444 595-600	<5		<0.001		<0.5	<0.02
RS-444 600-605	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-444 605-610	<5		<0.001		<0.5	<0.02
RS-444 610-615	<5		<0.001		<0.5	<0.02
RS-444 615-620	<5		<0.001		<0.5	<0.02

AMERICAN ASSAY LABORATORIES

PROVISIONAL REPORT SP049366

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-444

REPORTED : 2 JUL 1998

SAMPLES	Au	Au(R)	Au(OZ)	Au(RZ)	Ag	Ag(OZ)
RS-444 620-625	<5		<0.001		<0.5	<0.02
RS-444 645-650	<5		<0.001		<0.5	<0.02
RS-444 670-675	<5		<0.001		<0.5	<0.02
RS-444 695-700	<5		<0.001		<0.5	<0.02
RS-444 720-725	<5		<0.001		<0.5	<0.02
RS-444 745-750	<5		<0.001		<0.5	<0.02
RS-444 770-775	<5		<0.001		<0.5	<0.02
RS-444 795-800	<5		<0.001		<0.5	<0.02
RS-444 820-825	<5		<0.001		<0.5	<0.02
RS-444 845-850	<5		<0.001		<0.5	<0.02
RS-444 870-875	<5		<0.001		<0.5	<0.02
RS-444 895-900	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-444 920-925	<5		<0.001		<0.5	<0.02
RS-444 945-950	<5		<0.001		<0.5	<0.02
RS-444 970-975	<5		<0.001		<0.5	<0.02
RS-444 995-1000	<5		<0.001		<0.5	<0.02
RS-444 1020-1025	<5		<0.001		<0.5	<0.02
RS-444 1035-1040	<5		<0.001		<0.5	<0.02
RS-444 1040-1045	7		<0.001		<0.5	<0.02
RS-444 1045-1050	<5		<0.001		<0.5	<0.02
RS-444 1070-1075	<5		<0.001		<0.5	<0.02
RS-444 1095-1100	<5		<0.001		<0.5	<0.02
RS-444 1120-1125	<5		<0.001		<0.5	<0.02
RS-444 1130-1135	<5		<0.001		<0.5	<0.02
RS-444 1135-1140	<5		<0.001		<0.5	<0.02

AMERICAN ASSAY LABORATORIES

PROVISIONAL REPORT SP049366

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-444

REPORTED : 2 JUL 1998

SAMPLES	Au	Au(R)	Au(OZ)	Au(RZ)	Ag	Ag(OZ)
RS-444 1140-1145	6		<0.001		<0.5	<0.02
RS-444 1145-1150	<5		<0.001		<0.5	<0.02
RS-444 1150-1155	<5		<0.001		<0.5	<0.02
RS-444 1155-1160	25	24	<0.001	<0.001	0.6	<0.02
RS-444 1160-1165	29	30	<0.001	<0.001	0.8	0.02
RS-444 1165-1170	8		<0.001		0.6	<0.02
RS-444 1170-1175	<5		<0.001		<0.5	<0.02
RS-444 1195-1200	<5		<0.001		<0.5	<0.02
RS-444 1220-1225	<5		<0.001		<0.5	<0.02
RS-444 1245-1250	<5		<0.001		<0.5	<0.02
RS-444 1270-1275	<5		<0.001		<0.5	<0.02
RS-444 1295-1300	<5		<0.001		<0.5	<0.02
RS-444 1320-1325	<5		<0.001		<0.5	<0.02
RS-444 1345-1350	<5		<0.001		<0.5	<0.02
RS-444 1370-1375	<5		<0.001		<0.5	<0.02
RS-444 1375-1380	<5		<0.001		<0.5	<0.02
RS-444 1375-1380B	<5		<0.001		<0.5	<0.02
RS-444 1380-1385	<5		<0.001		<0.5	<0.02
RS-444 1385-1390	<5		<0.001		<0.5	<0.02
RS-444 1390-1395	<5		<0.001		<0.5	<0.02
RS-444 1395-1400	<5		<0.001		<0.5	<0.02
RS-444 1400-1405	<5		<0.001		<0.5	<0.02
RS-444 1405-1410	18		<0.001		0.7	0.02
RS-444 1410-1415	89		0.003		0.9	0.03
RS-444 1415-1420	24		<0.001		1.1	0.03

AMERICAN ASSAY LABORATORIES

PROVISIONAL REPORT SP049366

CLIENT : NEWMONT GOLD COMPAN.
PROJECT : ROSEBUD
: RS-444

ORTED : 2 JUL 1998

	Au	Au(R)	Au(OZ)	Au(RZ)	Ag	Ag(OZ)
RS-444 1420-1425	26		<0.001		2.1	[illegible]
RS-444 1425-1430	16		<0.001		1.1	0.03
RS-444 1430-1435	31	28	<0.001	<0.001	1.1	0.03
RS-444 1435-1440	<5		<0.001		<0.5	<0.02

AMERICAN ASSAY LABORATORIES

AAL 01-2 ICP PACKAGE DETECTION LIMITS

ELEMENT	Ag	Al	As	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Th	Ti	U	V	W	Zn
SAMPLES	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppb	%	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	0.3	0.01	2	3	1	2	0.01	0.2	1	1	1	0.01	5	0.01	1	0.01	2	1	0.01	1	0.001	3	2	0.2	1	2	0.01	5	1	2	1

0.500 GRAMS OF PULP IS DIGESTED WITH HYDROCHLORIC AND NITRIC ACID AT 95 DEGREE CENTIGRADE FOR ONE HOUR.
DIGEST IS PARTIAL FOR B, Ba, Ca, Cr, Fe, La, Mg, Mn, Sr, Ti AND W.
DIGEST IS LIMITED FOR Al, K AND Na.

AMERICAN ASSAY LABORATORIES
1500 GLENDALE AVE.
SPARKS, NV 89431
PHONE: (702) 356-0606
FAX: (702) 356-1413

CLIENT: *NEWMONT GOLD COMPANY*
CLIENT REF: ROSEBUD EXPLORATION
AAL REF: SP049366
METHOD: AAL 01-2 + 14 Se

ELEMENT SAMPLES	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm
RS-444 000-020	2.6	0.79	29	7	202	< 3	0.23	0.2	2	8	10	2.23	65	0.37	23	0.11	250	2	0.07	5	0.015	22	8		53	9	< .01	< 8	10	< 2	42
RS-444 020-040	1.4	0.61	27	< 3	139	< 3	0.17	< .2	< 1	5	7	1.9	105	0.36	22	0.03	59	2	0.03	3	0.006	18	9		25	10	< .01	< 8	2	< 2	27
RS-444 040-060	2.7	0.69	32	< 3	182	< 3	0.06	0.5	< 1	4	7	1.73	130	0.34	21	0.01	46	2	0.02	3	0.005	19	8		12	9	< .01	< 8	2	< 2	43
RS-444 060-080	0.4	1.06	5	< 3	79	< 3	1.06	0.5	< 1	3	5	1.29	20	0.56	24	0.04	1149	1	0.02	2	0.011	25	< 3		74	9	< .01	< 8	3	< 2	76
RS-444 080-100	2.5	0.97	33	< 3	148	< 3	0.2	0.4	1	5	6	1.78	90	0.56	23	0.02	669	1	0.02	3	0.014	22	5		30	9	< .01	< 8	3	< 2	91
RS-444 100-120	< .3	0.82	14	< 3	39	< 3	0.26	0.6	< 1	4	6	1.61	60	0.56	24	0.04	1062	3	0.02	3	0.018	24	< 3		40	8	< .01	< 8	2	< 2	69
RS-444 120-140	< .3	0.89	5	< 3	26	< 3	0.92	0.4	< 1	3	5	1.51	30	0.47	24	0.06	755	2	0.02	3	0.019	23	< 3		87	8	< .01	< 8	3	< 2	46
RS-444 140-160	< .3	0.67	< 2	< 3	39	< 3	1.76	0.2	< 1	3	4	1.41	35	0.36	23	0.06	1435	1	0.02	2	0.019	21	< 3		111	7	< .01	< 8	2	< 2	34
RS-444 160-180	0.8	0.68	2	< 3	33	< 3	1.17	0.4	< 1	4	4	1.36	45	0.36	23	0.05	1552	1	0.02	3	0.017	18	< 3		96	7	< .01	< 8	3	< 2	37
RS-444 180-200	0.3	0.78	2	< 3	24	< 3	1.64	0.4	< 1	3	4	1.34	35	0.36	24	0.06	1189	1	0.02	1	0.014	20	< 3		127	7	< .01	< 8	3	< 2	56
RS-444 200-220	< .3	0.72	4	< 3	28	< 3	1.96	0.6	< 1	4	5	1.67	65	0.35	25	0.06	2049	1	0.02	2	0.014	23	< 3		106	8	< .01	< 8	4	< 2	47
RS-444 220-240	0.5	0.83	8	< 3	34	< 3	1.24	0.5	1	4	6	1.77	65	0.37	23	0.07	1077	2	0.03	2	0.014	23	< 3		116	9	< .01	< 8	8	< 2	68
RS-444 240-260	0.6	0.8	29	< 3	38	< 3	0.54	0.2	1	4	5	1.87	65	0.3	22	0.04	365	3	0.03	2	0.021	21	6		108	10	< .01	< 8	3	< 2	92
RS-444 260-280	1.7	0.78	50	< 3	33	< 3	0.79	0.2	1	3	5	2.02	100	0.32	24	0.04	355	9	0.03	2	0.025	29	8		144	10	< .01	< 8	2	< 2	102
RS-444 280-300	< .3	0.67	10	< 3	31	< 3	0.98	0.4	< 1	5	6	1.57	65	0.3	19	0.03	925	3	0.05	2	0.011	19	< 3		113	8	< .01	< 8	3	< 2	57
RS-444 300-320	0.4	0.64	2	< 3	33	< 3	1.42	0.3	< 1	4	5	1.51	20	0.32	21	0.03	889	1	0.05	2	0.009	20	< 3		160	10	0.01	< 8	2	< 2	18
RS-444 320-340	< .3	0.68	2	< 3	31	< 3	1.07	0.2	< 1	4	4	1.47	< 10	0.3	18	0.04	645	1	0.07	2	0.008	18	< 3		160	9	0.01	< 8	3	< 2	23
RS-444 340-360	< .3	0.55	< 2	< 3	41	< 3	0.67	< .2	< 1	5	5	1.89	15	0.24	21	0.04	510	1	0.08	3	0.011	13	< 3		142	9	0.02	< 8	5	< 2	61
RS-444 360-380	0.4	0.61	< 2	< 3	35	< 3	1.14	0.5	< 1	4	4	1.75	< 10	0.26	20	0.05	1011	< 1	0.06	2	0.011	13	< 3		198	9	0.02	< 8	4	2	44
RS-444 380-400	< .3	0.56	< 2	< 3	35	< 3	0.28	< .2	< 1	3	3	1.81	75	0.24	22	0.04	158	< 1	0.06	2	0.012	16	< 3		152	10	0.02	< 8	4	2	59
RS-444 400-420	0.3	0.54	5	< 3	53	< 3	0.37	0.2	< 1	4	5	1.97	220	0.25	25	0.04	212	1	0.06	2	0.02	22	3		163	10	0.03	< 8	6	3	77
RS-444 420-440	< .3	0.59	9	< 3	22	< 3	0.32	< .2	< 1	3	4	1.26	210	0.28	20	0.02	244	1	0.05	2	0.012	27	6		174	9	< .01	< 8	1	< 2	29
RS-444 440-460	< .3	0.59	6	< 3	15	< 3	0.26	0.2	< 1	2	3	0.89	140	0.29	14	0.02	1099	1	0.04	1	0.009	26	4		186	8	< .01	< 8	< 1	< 2	27
RS-444 460-480	< .3	0.73	5	< 3	22	< 3	0.24	< .2	< 1	2	3	1.22	75	0.32	19	0.02	553	1	0.05	1	0.012	23	5		171	10	< .01	< 8	2	< 2	32
RS-444 480-500	< .3	0.8	< 2	< 3	24	< 3	0.42	< .2	< 1	3	3	1.11	115	0.41	24	0.02	483	1	0.04	1	0.013	23	< 3		182	10	< .01	< 8	3	< 2	65
RS-444 500-520	0.3	0.77	3	< 3	52	< 3	0.26	< .2	< 1	2	3	1.09	135	0.41	24	0.02	607	1	0.04	1	0.014	24	< 3		171	11	< .01	< 8	2	< 2	65
RS-444 520-540	0.3	0.86	3	< 3	35	< 3	0.54	< .2	< 1	3	4	1.43	45	0.4	25	0.02	419	1	0.06	1	0.016	22	< 3		179	11	0.01	< 8	3	< 2	46
RS-444 540-560	< .3	0.72	5	< 3	46	< 3	0.7	< .2	< 1	3	3	1.47	50	0.33	16	0.02	575	1	0.06	2	0.014	21	< 3		156	10	0.01	< 8	1	< 2	38
RS-444 560-580	< .3	0.86	7	< 3	30	< 3	0.61	< .2	< 1	3	3	1.51	165	0.29	21	0.02	543	1	0.05	1	0.016	21	4		173	10	< .01	< 8	2	< 2	50
RS-444 580-600	0.6	0.76	5	< 3	30	< 3	1.01	< .2	< 1	3	5	1.58	155	0.29	24	0.02	783	1	0.06	1	0.017	18	< 3		170	11	0.01	< 8	5	< 2	77
RS-444 600-620	< .3	0.61	9	< 3	36	< 3	0.76	0.2	1	4	4	1.72	160	0.24	24	0.02	415	1	0.06	2	0.018	22	3		172	11	0.01	< 8	2	< 2	53
RS-444 1035-1040	0.3	0.66	4	< 3	58	< 3	1.24	0.3	1	6	4	2.15	60	0.3	27	0.05	723	1	0.08	2	0.049	26	< 3		176	9	0.03	< 8	11	< 2	56
RS-444 1040-1045	0.5	0.82	82	< 3	69	< 3	0.97	0.3	2	4	3	1.73	110	0.34	24	0.08	306	2	0.07	2	0.027	19	7		157	7	0.01	< 8	4	< 2	41
STANDARD C3	5.3	1.86	53	17	146	19	0.53	23.4	11	168	61	3.17	935	0.16	17	0.58	747	24	0.04	36	0.087	33	17		28	20	0.09	20	78	16	159
STANDARD G-2	< .3	1.03	< 2	< 3	236	< 3	0.64	< .2	4	79	3	2	< 10	0.49	8	0.6	537	1	0.08	8	0.097	3	< 3		77	4	0.13	< 8	41	2	42

AMERICAN ASSAY LABORATORIES
1500 GLENDALE AVE.
SPARKS, NV 89431
PHONE: (702) 356-0606
FAX: (702) 356-1413

CLIENT: *NEWMONT GOLD COMPANY*
CLIENT REF: ROSEBUD EXPLORATION
AAL REF: SP049366
METHOD: AAL 01-2 + 14 Se

ELEMENT SAMPLES	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm
RS-444 1045-1050	< .3	0.69	2	< 3	69	< 3	2.57	0.3	< 1	4	3	1.96	10	0.33	30	0.07	1251	1	0.07	2	0.009	19	< 3		234	8	0.02	< 8	5	< 2	35
RS-444 1130-1135	< .3	0.58	< 2	< 3	52	< 3	0.71	0.2	< 1	3	4	1.26	10	0.34	25	0.01	373	1	0.08	1	0.013	17	< 3		121	10	0.01	< 8	1	< 2	17
RS-444 1135-1140	< .3	0.47	< 2	< 3	46	< 3	0.88	0.2	< 1	5	5	1.3	25	0.27	22	0.01	387	1	0.07	2	0.014	16	< 3		123	10	0.01	< 8	1	< 2	22
RS-444 1140-1145	0.4	0.59	19	< 3	182	< 3	0.77	< .2	< 1	4	4	1.22	50	0.3	24	0.02	387	1	0.06	2	0.02	19	< 3		145	9	< .01	< 8	2	< 2	40
RS-444 1145-1150	< .3	0.6	4	< 3	53	< 3	1.04	0.2	1	5	4	1.21	60	0.33	23	0.02	965	1	0.07	2	0.016	22	< 3		165	9	< .01	< 8	1	< 2	49
RS-444 1150-1155	< .3	0.73	12	< 3	49	< 3	0.79	0.2	< 1	3	3	1.02	65	0.34	24	0.02	595	1	0.07	1	0.01	22	< 3		171	10	< .01	< 8	1	< 2	51
RS-444 1155-1160	0.7	0.61	72	< 3	47	< 3	0.4	0.3	1	3	4	1.59	90	0.26	22	0.02	235	4	0.06	1	0.012	25	5		143	9	< .01	< 8	3	< 2	70
RS-444 1160-1165	0.8	0.68	97	< 3	43	< 3	0.38	1.2	1	5	5	3.32	205	0.3	19	0.02	238	12	0.06	2	0.014	31	4		150	8	< .01	< 8	3	< 2	89
RS-444 1165-1170	0.3	0.5	30	< 3	62	< 3	0.26	0.6	1	7	7	1.47	75	0.29	25	0.02	429	1	0.06	2	0.027	28	< 3		139	9	< .01	< 8	1	< 2	69
RS-444 1170-1175	< .3	0.66	19	< 3	154	< 3	0.73	0.5	1	6	4	1.79	75	0.37	26	0.02	614	1	0.07	2	0.021	22	< 3		143	9	0.01	< 8	2	< 2	52
RS-444 1370-1375	< .3	0.95	< 2	< 3	54	4	0.65	0.2	1	10	6	1.42	10	0.5	22	0.05	257	1	0.07	2	0.019	14	< 3	0.4	108	8	0.01	< 8	2	< 2	18
RS-444 1375-1380	< .3	0.95	< 2	< 3	58	< 3	0.67	0.5	1	13	6	1.18	15	0.54	25	0.06	249	2	0.05	2	0.023	12	< 3	0.4	158	7	0.01	< 8	2	< 2	15
RS-444 1380-1385	< .3	1.01	< 2	< 3	56	< 3	0.57	0.6	1	7	5	1.47	< 10	0.59	28	0.07	295	1	0.06	1	0.021	15	< 3	0.4	149	7	0.01	< 8	2	2	27
RS-444 1385-1390	< .3	0.69	< 2	< 3	52	< 3	0.87	0.4	1	11	9	1.96	15	0.44	28	0.04	458	2	0.07	3	0.019	19	< 3	0.1	119	8	0.01	< 8	3	< 2	33
RS-444 1390-1395	< .3	1.19	< 2	< 3	58	< 3	0.77	0.5	1	14	10	2.36	< 10	0.66	26	0.06	349	2	0.09	3	0.018	16	< 3	< .1	96	10	0.02	< 8	4	< 2	45
RS-444 1395-1400	< .3	1.56	2	3	53	7	1.08	0.4	1	15	10	2	< 10	0.79	25	0.07	312	2	0.07	4	0.022	14	< 3	0.1	100	9	0.01	< 8	4	< 2	35
RS-444 1400-1405	< .3	0.83	17	< 3	304	4	0.54	0.5	1	8	7	1.33	25	0.45	25	0.04	264	2	0.05	2	0.018	19	< 3	0.5	112	9	< .01	< 8	2	< 2	24
RS-444 1405-1410	0.4	0.63	37	< 3	91	3	0.21	1.8	< 1	8	5	1.6	25	0.37	22	0.04	411	2	0.07	1	0.019	20	< 3	2.2	87	8	< .01	< 8	1	< 2	54
RS-444 1410-1415	0.8	0.94	53	< 3	72	4	0.42	3	< 1	10	7	1.87	35	0.53	21	0.04	551	2	0.09	3	0.016	26	3	3.1	90	7	< .01	< 8	2	< 2	101
RS-444 1415-1420	0.8	0.58	57	< 3	48	< 3	0.29	1.2	1	11	9	2.06	35	0.35	23	0.02	233	2	0.07	3	0.017	21	6	2.8	74	9	< .01	< 8	1	< 2	50
RS-444 1420-1425	2.2	0.93	43	< 3	58	< 3	0.18	0.7	1	6	7	1.61	20	0.49	24	0.03	163	2	0.07	2	0.019	20	5	4.3	74	9	< .01	< 8	2	< 2	29
RS-444 1425-1430	1	0.56	53	< 3	132	< 3	0.18	0.7	< 1	8	9	1.8	20	0.32	25	0.02	186	2	0.06	3	0.019	24	5	3.4	73	9	< .01	< 8	1	< 2	26
RS-444 1430-1435	1	1.03	58	< 3	60	< 3	0.91	2	< 1	5	8	3.76	60	0.4	16	0.04	796	1	0.06	2	0.012	40	4	3.6	100	7	< .01	< 8	2	< 2	40
RS-444 1435-1440	0.3	1.09	5	< 3	51	< 3	1.41	1.7	< 1	8	6	3.78	20	0.4	24	0.05	1456	1	0.08	3	0.013	28	< 3	0.2	115	8	0.01	< 8	5	< 2	46
STANDARD C3	5.8	1.98	57	19	163	23	0.57	24.9	12	185	68	3.48	965	0.18	18	0.63	825	26	0.04	39	0.096	38	19	1	31	22	0.09	26	86	15	172
STANDARD G-2	< .3	1.12	< 2	< 3	240	< 3	0.67	< .2	4	149	10	2.19	12	0.48	8	0.6	578	4	0.1	12	0.084	5	< 3	0.5	87	4	0.14	< 8	42	< 2	44

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP050225

American Assay Laboratories

PO BOX 11530
RENO NV,USA
Ph.(702) 356-0606, Fax.(702) 356-1413

NEWMONT GOLD COMPANY

COPIES TO : C. BALLEW
: R. VANCE
:
:

CLIENT REFERENCE No: RS-444
No. SAMPLES : 50
MAIN SAMPLE TYPE : DRILL CORE

RECEIVED : 21 AUG 1998
REPORTED : 21 AUG 1998

NEVADA LEGISLATIVE DISCLAIMER :-
The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geological materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project.

ANALYSIS	ANALYTICAL METHOD	QUALITY PARAMETER	UNIT	DETECTION
Au	FA30	15%	ppb	5
Au(R)	FA30	15%	ppb	5
Au(OZ)	FA30	15%	OPT	0.001
Au(RZ)	FA30	15%	OPT	0.001
Ag	D210	10%	ppm	0.5
Ag(OZ)	D210	10%	OPT	0.02

SIGNATORY : Susan King M.S.

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP050225

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-444

REPORTED : 21 AUG 1998

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-444 1615.2-1620.2	103	90	0.003	0.003	<0.5	<0.02
RS-444 1620.2-1624.9	<5		<0.001		<0.5	<0.02
RS-444 1624.9-1630.3	<5		<0.001		<0.5	<0.02
RS-444 1630.3-1635.0	<5		<0.001		<0.5	<0.02
RS-444 1635.0-1639.9	<5		<0.001		<0.5	<0.02
RS-444 1639.9-1640.8B	104		0.003		<0.5	<0.02
RS-444 1639.9-1640.8	<5		<0.001		<0.5	<0.02
RS-444 1640.8-1645.3	<5		<0.001		<0.5	<0.02
RS-444 1645.3-1650.0	<5		<0.001		<0.5	<0.02
RS-444 1650.0-1655.3	<5		<0.001		<0.5	<0.02
RS-444 1655.3-1660.1	<5		<0.001		<0.5	<0.02
RS-444 1660.1-1664.7	<5		<0.001		<0.5	<0.02
RS-444 1664.7-1669.9	<5		<0.001		<0.5	<0.02
RS-444 1669.9-1674.9	<5		<0.001		<0.5	<0.02
RS-444 1674.9-1680.1	<5		<0.001		<0.5	<0.02
RS-444 1680.1-1686.5	<5		<0.001		<0.5	<0.02
RS-444 1686.5-1690.4	<5		<0.001		<0.5	<0.02
RS-444 1690.4-1694.3	<5		<0.001		<0.5	<0.02
RS-444 1694.3-1698.4	<5		<0.001		<0.5	<0.02
RS-444 1698.4-1703.5	<5		<0.001		<0.5	<0.02
RS-444 1703.5-1707.6	<5		<0.001		<0.5	<0.02
RS-444 1707.6-1712.5	<5		<0.001		<0.5	<0.02
RS-444 1712.5-1717.6	<5		<0.001		<0.5	<0.02
RS-444 1717.6-1722.8	<5		<0.001		<0.5	<0.02
RS-444 1722.8-1728.3	<5		<0.001		<0.5	<0.02

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP050225

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-444

REPORTED : 21 AUG 1998

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-444 1728.3-1733.7	<5		<0.001		<0.5	<0.02
RS-444 1733.7-1739.8	<5		<0.001		<0.5	<0.02
RS-444 1739.8-1744.7	<5		<0.001		<0.5	<0.02
RS-444 1744.7-1749.9	<5		<0.001		<0.5	<0.02
RS-444 1749.9-1753.8	<5		<0.001		<0.5	<0.02
RS-444 1753.8-1755.1	60		0.002		2.1	0.06
RS-444 1755.1-1757.6	112	118	0.003	0.003	2.6	0.08
RS-444 1757.6-1762.3	10		<0.001		1.6	0.05
RS-444 1762.3-1767.6	<5		<0.001		<0.5	<0.02
RS-444 1767.6-1773.0	<5		<0.001		0.8	0.02
RS-444 1773.0-1778.3	<5		<0.001		<0.5	<0.02
RS-444 1778.3-1783.8	<5		<0.001		<0.5	<0.02
RS-444 1783.8-1788.1	<5		<0.001		<0.5	<0.02
RS-444 1788.1-1792.7	<5		<0.001		<0.5	<0.02
RS-444 1792.7-1798.0	<5		<0.001		<0.5	<0.02
RS-444 1798-1802	<5		<0.001		1.1	0.03
RS-444 1802-1804	232	204	0.007	0.006	4.3	0.13
RS-444 1804-1809	<5		<0.001		0.8	0.02
RS-444 1809-1814	<5		<0.001		<0.5	<0.02
RS-444 1814.0-1817.7	<5		<0.001		<0.5	<0.02
RS-444 1817.7-1823.4	56		0.002		1.4	0.04
RS-444 1823.4-1827.7	10		<0.001		<0.5	<0.02
RS-444 1827.7-1833.3	18		<0.001		<0.5	<0.02
RS-444 1833.3-1838.3	76	104	0.002	0.003	1.8	0.05
RS-444 1838.3-1841.7	177	184	0.005	0.005	1.6	0.05

1853.3	1858	4.7
1858	1862.9	4.9
1862.9	1867.7	4.8
1867.7	1871.7	4
1871.7	1874.8	3.1
1874.8	1879	4.2
1879	1884	5
1884	1889	5
1889	1892.7	3.7
1892.7	1897	4.3 8/19
1897	1901.2	4.2
1901.2	1905.4	4.2
1905.4	1910.4	5
1910.4	1913.4	3
1913.4	1918.5	5.1
1918.5	1923.8	5.3
1923.8	1928.7	4.9
1928.7	1931.7	3
1931.7	1936.8	5.1
1936.8	1941.1	4.3
1941.1	1946	4.9
1946	1951.4	5.4
1951.4	1956.7	5.3
1956.7	1960.6	3.9
1960.6	1964.5	3.9
1964.5	1968.3	3.8
1968.3	1970	1.7
1970	1971.3	1.3
1971.3	1974.2	2.9
1974.2	1979.5	5.3
1979.5	1984.6	5.1
1984.6	1989.7	5.1
1989.7	1994.2	4.5
1994.2	1997.9	3.7
1997.9	2002.6	4.7
2002.6	2007.3	4.7
2007.3	2012.5	5.2
2012.5	2017.7	5.2
2017.7	2022.7	5
2022.7	2025.3	2.6
2025.3	2030.4	5.1
2030.4	2035.3	4.9
2035.3	2038	2.7
2038	2043.1	5.1
2043.1	2047.4	4.3

1438	1442.8	4.8
1442.8	1448	5.2
1448	1451.8	3.8
1451.8	1457.8	6
1457.8	1461.4	3.6
1461.4	1467	5.6
1467	1472.8	5.8
1472.8	1478.1	5.3
1478.1	1482.2	4.1
1482.2	1487.7	5.5
1487.7	1493	5.3
1493	1498.5	5.5
1498.5	1503.6	5.1
1503.6	1509	5.4
1509	1514.1	5.1
1514.1	1519	4.9
1519	1523.8	4.8
1523.8	1528.6	4.8
1528.6	1532.9	4.3
1532.9	1537.7	4.8
1537.7	1541.8	4.1
1541.8	1545.3	3.5
1545.3	1549.2	3.9
1549.2	1553.4	4.2
1553.4	1558.7	5.3
1558.7	1563.6	4.9
1563.6	1569	5.4
1569	1573.8	4.8
1573.8	1579	5.2
1579	1584	5
1584	1589	5
1589	1595.3	6.3
1595.3	1600	4.7
1600	1605.2	5.2
1605.2	1610	4.8
1610	1615.2	5.2
1615.2	1620.2	5
1620.2	1624.9	4.7
1624.9	1630.3	5.4
1630.3	1635	4.7
1635	1639.9	4.9
1639.9	1640.8	0.9
1640.8	1645.3	4.5
1645.3	1650	4.7
1650	1655.3	5.3
1655.3	1660.1	4.8
1660.1	1664.7	4.6
1664.7	1669.9	5.2
1669.9	1674.9	5
1674.9	1680.1	5.2
1680.1	1686.5	6.4
1686.5	1690.4	3.9

8/15

8/19 Dripped

1690.4	1694.3	3.9	
1694.3	1698.4	4.1	
1698.4	1703.5	5.1	
1703.5	1707.6	4.1	
1707.6	1712.5	4.9	
1712.5	1717.6	5.1	
1717.6	1722.8	5.2	8/19
1722.8	1728.3	5.5	
1728.3	1733.7	5.4	
1733.7	1739.8	6.1	
1739.8	1744.7	4.9	
1744.7	1749.9	5.2	
1749.9	1753.8	3.9	
1753.8	1755.1	1.3	
1755.1	1757.6	2.5	
1757.6	1762.3	4.7	
1762.3	1767.6	5.3	
1767.6	1773	5.4	8/19
1773	1778.3	5.3	Shipped
1778.3	1783.8	5.5	
1783.8	1788.1	4.3	
1788.1	1792.7	4.6	
1792.7	1798	5.3	
1798	1802	4	
1802	1804	2	
1804	1809	5	
1809	1814	5	
1814	1817.7	3.7	
1817.7	1823.4	5.7	
1823.4	1827.7	4.3	
1827.7	1833.3	5.6	
1833.3	1838.3	5	
1838.3	1841.7	3.4	9
1841.7	1845.8	4.1	
1845.8	1847.7	1.9	
1847.7	1853.3	5.6	
1853.3	1858	4.7	
1858	1862.9	4.9	

SP

SUBMITTAL FORM

American Assay Laboratories

Geochemical • Environmental • Metallurgical

Sparks Office
1500 Glendale Ave.
Nevada 89431
Box 11530
Reno, NV 89510
Telephone
(702) 356-0606
Fax
(702) 356-1413

Tucson Office
2775 E. Ganley
Tucson, AZ 85706
Telephone
(520) 294-8078
Fax
(520) 294-6352

Elko Office
2320 Last Chance Rd.
Nevada 89801
Box 2908
Elko, NV 89801
Telephone
(702) 738-9100
Fax
(702) 738-2594

Mazatlan Office
Telephone/Fax
011-52-69-170035

Other Offices
Lima, Peru
Santiago, Chile
Mendoza, Argentina

Company: Newmont Gold Company

Address: 861 W. 6th Street

City Winnemucca State NV Zip 89445

Telephone Number: (702) 623-3493 Fax Number: (702) 625-5655

Project Name: Rosebud Exploration Purchase Order Number:

Date Submitted: 8/10/98 Number of Samples: 37

RESULTS REPORTED IN: ppm [ ] ppb [ ] opt [ ]

SAMPLE IDENTIFICATION	TYPE	ELEMENTS REQUIRED
RS-444: 1438-1615.2	Core	Au FA30 and Ag D210 each sample
(see attached list)		
		AAL 1/2+Se on composites or single
		samples as shown on attached
		list

COARSE REJECTS (Normally Discarded After 60 Days)

[ ] Return COD after analysis complete

PULPS (Normally Stored Free For One Month)

[ ] Discard after one month

[ ] Return COD after one month

RESULTS AND INVOICES TO BE SENT TO:

Invoice to:

Charlotte Ballew
NGC
Winnemucca

Results to:

Randy Vance
NGC
Winnemucca

Comments:

Newmont Rosebud standard prep

PEEL HERE

RS-444
MS-2
MS-2
1595.3-1599.2

CLIENT FILE COPY

AAL 1/2+Se analysis

1438	1442.8		4.8
1442.8	1448	c	5.2
1448	1451.8		3.8
1451.8	1457.8	x	6
1457.8	1461.4		3.6
1461.4	1467	c	5.6
1467	1472.8		5.8
1472.8	1478.1	c	5.3
1478.1	1482.2		4.1
1482.2	1487.7		5.5
1487.7	1493		5.3
1493	1498.5	c	5.5
1498.5	1503.6		5.1
1503.6	1509		5.4
1509	1514.1		5.1
1514.1	1519		4.9
1519	1523.8	c	4.8
1523.8	1528.6		4.8
1528.6	1532.9		4.3
1532.9	1537.7		4.8
1537.7	1541.8	c	4.1
1541.8	1545.3		3.5
1545.3	1549.2B	no AAL1/2	
1545.3	1549.2	c	3.9
1549.2	1553.4		4.2
1553.4	1558.7		5.3
1558.7	1563.6	c	4.9
1563.6	1569		5.4
1569	1573.8		4.8
1573.8	1579		5.2
1579	1584	c	5
1584	1589		5
1589	1595.3		6.3
1595.3	1600		4.7
1600	1605.2		5.2
1605.2	1610	c	4.8
1610	1615.2		5.2

11 analyses by AAL 1/2 +Se

SP

SUBMITTAL FORM

American Assay Laboratories

Geochemical • Environmental • Metallurgical

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Telephone
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Mendoza, Argentina

Company: Newmont Gold Company

Address: 861 W. 6th Street

City Winnemucca State NV Zip 89445

Telephone Number: (702) 623-3453 Fax Number: (702) 625-5655

Project Name: Rosebud Exploration Purchase Order Number:

Date Submitted: 8/19/98 Number of Samples: 50

RESULTS REPORTED IN: ppm [ ] ppb [ ] opt [ ]

SAMPLE IDENTIFICATION	TYPE	ELEMENTS REQUIRED
RS-444: 1615.2 – 1841.7'	Core	Au by FA30 and Ag by P210 each sample
see sample intervals on attached list		
		AA2 1/2+Se on composites or single samples as shown on attached list

COARSE REJECTS (Normally Discarded After 60 Days)

[ ] Return COD after analysis complete

PULPS (Normally Stored Free For One Month)

[ ] Discard after one month
[ ] Return COD after one month

RESULTS AND INVOICES TO BE SENT TO:

Invoice to:

Charlotte Bellew
NGC
Winnemucca

Results to:

Randy Vance
NGC
Winnemucca

Comments:

Newmont Rosebud Standard Sample Prep

PEEL HERE

RS-444

MS-1
(RMG1)

1639.9-1640.8-B

CLIENT FILE COPY

AAL 1/2 + Se

	1615.2	1620.2	c
	1620.2	1624.9	
	1624.9	1630.3	
	1630.3	1635	
	1635	1639.9	
no AAL1/2	1639.9	1640.8B	
	1639.9	1640.8	- x
	1640.8	1645.3	c
	1645.3	1650	
	1650	1655.3	
	1655.3	1660.1	c
	1660.1	1664.7	
	1664.7	1669.9	c
	1669.9	1674.9	
	1674.9	1680.1	
	1680.1	1686.5	
	1686.5	1690.4	c
	1690.4	1694.3	
	1694.3	1698.4	
	1698.4	1703.5	
	1703.5	1707.6	c
	1707.6	1712.5	
	1712.5	1717.6	
	1717.6	1722.8	
	1722.8	1728.3	c
	1728.3	1733.7	
	1733.7	1739.8	
	1739.8	1744.7	
	1744.7	1749.9	c
	1749.9	1753.8	
	1753.8	1755.1	
	1755.1	1757.6	c
	1757.6	1762.3	
	1762.3	1767.6	
	1767.6	1773	c
	1773	1778.3	
	1778.3	1783.8	c
	1783.8	1788.1	
	1788.1	1792.7	
	1792.7	1798	
	1798	1802	
	1802	1804	c
	1804	1809	
	1809	1814	
	1814	1817.7	
	1817.7	1823.4	c
	1823.4	1827.7	
	1827.7	1833.3	
	1833.3	1838.3	c
	1838.3	1841.7	

c - composite sample analysis
x - single sample analysis

CUSTOMER----------: NEWMONT EXPLORATION
MINE SITE----------: ROSEBUD
HOLE NO.----------: RS 444 #2 (Core)
DATE----------: 7-30-98

TIE IN COORDINATES
ELEVATION----------: 0
NORTH+/SOUTH-----: 0
EAST+/WEST------: 0

SILVER STATE SURVEYS, INC.

WATER LEVEL-----: N/A
PROJECTED DEPTH: 0

SURVEY CERTIFIED BY
STEVE LANTAIGNE

MEAS DEPTH (FEET)	TRUE VERTICAL DEPTH (FEET)	TRUE VERTICAL X-SECTION (FEET)	INCL (HORZ) (DEG)	DIRECTION (AZIMUTH)	RECTANGULAR COORDINATES N+/S- (FEET)	E+/W- (FEET)	DOGLEG 50/FT (DEGREES)	CLOSURE DISTANCE (FEET)	CLOSURE DIR (DEG)	HOLE TEMP (F) (DEG)
0	0.00	0.00	-88.79	222.82	0.00	0.00	0.00	0.00	0.00	102.8
50	49.99	0.96	-88.85	180.92	-0.89	-0.37	0.84	0.96	202.41	102.0
100	99.97	2.34	-87.93	195.76	-2.25	-0.62	1.00	2.34	195.34	101.1
150	149.94	3.93	-88.33	173.64	-3.85	-0.78	0.81	3.93	191.49	100.2
200	199.92	5.40	-88.22	183.70	-5.35	-0.75	0.32	5.40	188.00	99.3
250	249.90	6.97	-88.15	174.86	-6.93	-0.73	0.29	6.97	186.01	98.4
300	299.87	8.59	-88.10	188.69	-8.55	-0.78	0.08	8.59	185.23	98.4
350	349.84	10.25	-88.02	200.49	-10.18	-1.21	0.20	10.25	186.78	96.7
400	399.79	12.44	-86.91	188.62	-12.32	-1.72	0.61	12.44	187.93	95.8
450	449.69	15.59	-85.67	206.62	-15.35	-2.76	0.84	15.59	190.21	94.9
500	499.57	18.65	-86.42	230.84	-18.02	-4.82	1.81	18.65	194.98	94.0
550	549.47	21.22	-86.30	236.23	-19.90	-7.37	0.36	21.22	200.33	93.2
600	599.36	24.20	-85.93	225.03	-22.05	-9.97	0.84	24.20	204.33	93.2
650	649.22	27.66	-85.52	230.21	-24.56	-12.72	0.57	27.66	207.39	92.3
700	699.04	31.57	-84.92	227.97	-27.29	-15.87	0.63	31.57	210.18	92.3
750	748.87	35.60	-85.53	222.32	-30.21	-18.83	0.77	35.60	211.93	91.4
800	798.70	39.63	-85.11	220.42	-33.28	-21.52	0.44	39.63	212.89	91.4
850	848.53	43.76	-85.35	217.73	-36.50	-24.14	0.32	43.76	213.48	91.4
900	898.32	48.30	-84.21	218.85	-40.07	-26.97	1.15	48.30	213.94	91.4
950	948.06	53.39	-84.07	214.97	-44.15	-30.03	0.42	53.39	214.22	92.3
1000	997.80	58.48	-84.24	212.74	-48.38	-32.87	0.28	58.48	214.19	92.3
1050	1047.54	63.59	-83.96	205.01	-52.87	-35.34	0.84	63.59	213.76	92.3
1100	1097.20	69.35	-82.74	208.84	-58.03	-37.97	1.29	69.35	213.20	93.2
1150	1146.79	75.66	-82.67	205.74	-63.67	-40.88	0.40	75.66	212.71	93.2
1200	1196.38	81.98	-82.61	200.25	-69.56	-43.38	0.71	81.98	211.95	94.0
1250	1245.96	88.37	-82.43	200.92	-75.65	-45.67	0.20	88.37	211.12	94.9
1300	1295.54	94.71	-82.67	196.54	-81.79	-47.76	0.62	94.71	210.28	95.8

1350	1345.16	100.62	-83.18	190.54	[illegible]	[illegible]	0.89	100.62	209.28	94.9
1400	1394.76	106.61	-82.48	194.94	[illegible]	[illegible]	0.88	106.61	208.33	98.4
1450	1444.32	113.02	-82.21	189.44	[illegible]	[illegible]	0.78	113.02	207.39	99.3
1500	1493.86	119.41	-82.29	187.26	[illegible]	[illegible]	0.30	119.41	206.34	100.2
1550	1543.43	125.75	-82.59	194.47	[illegible]	[illegible]	1.00	125.75	205.53	102.0
1600	1593.02	132.04	-82.70	194.73	-119.66	-55.81	0.11	132.04	205.01	102.0
1650	1642.63	138.09	-82.94	187.12	-125.78	-57.00	0.98	138.09	204.38	106.4
1700	1692.26	143.95	-83.16	193.03	-131.73	-58.06	0.75	143.95	203.78	107.2
1749	1740.91	149.69	-83.16	193.11	-137.41	-59.37	0.01	149.69	203.37	108.1

SP

SUBMITTAL FORM

American Assay Laboratories

Geochemical • Environmental • Metallurgical

Sparks Office
1500 Glendale Ave.
Nevada 89431
Box 11530
Reno, NV 89510
Telephone
(702) 356-0606
Fax
(702) 356-1413

Tucson Office
2775 E. Ganley
Tucson, AZ 85706
Telephone
(520) 294-8078
Fax
(520) 294-6352

Elko Office
2320 Last Chance Rd.
Nevada 89801
Box 2908
Elko, NV 89801
Telephone
(702) 738-9100
Fax
(702) 738-2594

Mazatlan Office
Telephone/Fax
011-52-69-170035

Other Offices
Lima, Peru
Santiago, Chile
Mendoza, Argentina

Company: Newmont Gold Company

Address: 861 W. 6th Street

City Winnemucca State NV Zip 89445

Telephone Number: (702) 623-3453 Fax Number: (702) 625-5655

Project Name: Rosebud Exploration Purchase Order Number:

Date Submitted: 8-20-98 Number of Samples: 49

RESULTS REPORTED IN: ppm [ ] ppb [ ] opt [ ]

SAMPLE IDENTIFICATION	TYPE	ELEMENTS REQUIRED
RS-444: 1841.7-2047.4'	Core	Au by FA30 and Ag by D210 each sample
(sample intervals on attached list)		
		AAL 1/2+Se on composites or single samples as shown on attached list

COARSE REJECTS (Normally Discarded After 60 Days)

[ ] Return COD after analysis complete

PULPS (Normally Stored Free For One Month)

[ ] Discard after one month
[ ] Return COD after one month

RESULTS AND INVOICES TO BE SENT TO:

Invoice to:

Charlotte Bullew
NGC
Winnemucca

Results to:

Randy Vance
NGC
Winnemucca

Comments:

Newmont Rosebud Standard Sample Prep

RS-444
MS-2
MS-2
1871.1-1874.8B

CLIENT FILE COPY

AAL 1/2+Se

	1841.7	1845.8	
	1845.8	1847.7	c
	1847.7	1853.3	
	1853.3	1858	c
	1858	1862.9	
	1862.9	1867.7	c
	1867.7	1871.7	
no AAL1/2	1871.1	1874.8B	
	1871.7	1874.8	x
	1874.8	1879	
	1879	1884	c
	1884	1889	
	1889	1892.7	
	1892.7	1897	
	1897	1901.2	c
	1901.2	1905.4	
	1905.4	1910.4	c
	1910.4	1913.4	
	1913.4	1918.5	c
	1918.5	1923.8	
	1923.8	1928.7	
	1928.7	1931.7	
	1931.7	1936.8	c
	1936.8	1941.1	
	1941.1	1946	
	1946	1951.4	c
	1951.4	1956.7	
	1956.7	1960.6	x
	1960.6	1964.5	
	1964.5	1968.3	c
	1968.3	1970	
	1970	1971.3	
	1971.3	1974.2	
	1974.2	1979.5	c
	1979.5	1984.6	
	1984.6	1989.7	
	1989.7	1994.2	
	1994.2	1997.9	c
	1997.9	2002.6	
	2002.6	2007.3	
	2007.3	2012.5	
	2012.5	2017.7	
	2017.7	2022.7	c
	2022.7	2025.3	
	2025.3	2030.4	
	2030.4	2035.3	c
	2035.3	2038	
	2038	2043.1	
	2043.1	2047.4	c

c - composite sample analysis
x - single sample analysis

SP

SUBMITTAL FORM

American Assay Laboratories

Geochemical • Environmental • Metallurgical

Sparks Office
1500 Glendale Ave.
Nevada 89431
Box 11530
Reno, NV 89510
Telephone
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Mazatlan Office
Telephone/Fax
011-52-69-170035

Other Offices
Lima, Peru
Santiago, Chile
Mendoza, Argentina

Company: Newmont Gold Co

Address: 861 West 6th St.

City Winnemucca State NV Zip 89445

Telephone Number: ( ) _____ Fax Number: ( ) _____

Project Name: Rosebud Exploration Purchase Order Number: _____

Date Submitted: 7/1/98 Number of Samples: 288 + 2 Standards

RESULTS REPORTED IN: ppm [ ] ppb [ ] opt [ ]

SAMPLE IDENTIFICATION	TYPE	ELEMENTS REQUIRED
RS-444: 0-1440'	RC	
0-625' every 5'	"	Au(FA+AA), Ag D210, ICP Package+Hg
	"	on 20' Composites
650, 675, 700 etc. through 1025' (25s)	"	Au(FA+AA), Ag D210
1035-1040, 1040-45, 1045-50 every 5'	"	Au(FA+AA), Ag D210 ICP+Hg each
1075, 1100, 1125, (25s)	"	Au(FA+AA), Ag D210
1135-1175 every 5'	"	Au(FA+AA), Ag D210 ICP+Hg each
1200, 1225, 1250, 1275, 1300, 1325, 1350, 1375	every 25'	" " NO ICP
1375-1440 every 5'	"	Au(FA+AA), AgD210, ICP + Hg + Se each.
		(Se only on 1375-1440)
Plus 80 B		g. No ICP

MS-1
(RMG1)
570-575B

PEEL HERE

MS-2
MS-2
1375-1380B

COARSE REJECTS (Normally Discarded After 60 Days)

[ ] Return COD after analysis complete

PULPS (Normally Stored Free For One Month)

[ ] Discard after one month
[X] Return COD after one month

RESULTS AND INVOICES TO BE SENT TO:

Invoice to:
Charlotte Ballew
Winnemucca

Results to:
Randy Vance
NGC
Winnemucca

Comments:
Newmont Standard Prep for all Samples.

CLIENT FILE COPY

CUSTOMER---------: NEWMONT EXPLORATION
MINE SITE----------: ROSEBUD MINE
HOLE NO.----------: RS 444 #1 (Precollar)
DATE----------: 7/08/98
TIE IN COORDINATES
ELEVATION---------:
NORTH+/SOUTH-----:
EAST+/WEST------:

SILVER STATE SURVEYS, INC.

WATER LEVEL-----: 0
PROJECTED DEPTH: N/A

SURVEY CERTIFIED BY
Richard Leigh

MEAS DEPTH (FEET)	TRUE VERTICAL DEPTH (FEET)	TRUE VERTICAL X-SECTION (FEET)	INCL (HORZ) (DEG)	DIRECTION (AZIMUTH)	RECTANGULAR COORDINATES N+/S- (FEET)	E+/W- (FEET)	DOGLEG 50/FT (DEGREES)	CLOSURE DISTANCE (FEET)	CLOSURE DIR (DEG)	HOLE TEMP (F) (DEG)
0	0.00	0.00	-90.00	0.00	0.00	0.00	0.00	0.00	0.00	102.0
50	49.99	0.67	-88.47	185.96	-0.67	-0.07	1.53	0.67	185.96	102.8
100	99.97	2.17	-88.09	187.17	-2.16	-0.24	0.37	2.17	186.43	102.8
150	149.94	3.90	-87.94	182.95	-3.88	-0.39	0.21	3.90	185.78	102.8
200	199.91	5.70	-87.92	182.17	-5.68	-0.47	0.03	5.70	184.76	102.8
250	249.88	7.53	-87.89	182.81	-7.51	-0.55	0.04	7.53	184.21	101.1
300	299.84	9.44	-87.73	187.33	-9.41	-0.72	0.24	9.44	184.40	100.2
350	349.80	11.28	-88.03	188.39	-11.24	-0.98	0.31	11.28	184.96	99.3
400	399.75	13.61	-86.62	190.82	-13.54	-1.38	1.42	13.61	185.81	97.6
450	449.65	16.70	-86.23	196.30	-16.57	-2.12	0.51	16.70	187.28	96.7
500	499.56	19.61	-86.83	210.39	-19.34	-3.28	1.04	19.61	189.62	95.8
550	549.48	22.16	-86.62	223.97	-21.59	-5.00	0.07	22.16	193.04	94.9
600	599.36	25.12	-85.61	224.13	-24.02	-7.35	1.01	25.12	197.02	94.9
650	649.22	28.63	-85.54	222.48	-26.83	-10.00	0.15	28.63	200.44	94.9
700	699.05	32.43	-85.12	223.35	-29.81	-12.77	0.42	32.43	203.19	93.2
750	748.87	36.47	-85.15	219.69	-32.98	-15.58	0.31	36.47	205.28	92.3
800	798.69	40.59	-85.20	216.34	-36.29	-18.17	0.29	40.59	206.59	92.3
850	848.53	44.53	-85.69	208.41	-39.63	-20.30	0.80	44.53	207.13	92.3
900	898.36	48.66	-84.81	212.73	-43.19	-22.42	0.95	48.66	207.44	91.4
950	948.14	53.32	-84.47	207.17	-47.23	-24.74	0.62	53.32	207.65	91.4
1000	997.91	58.17	-84.39	205.53	-51.58	-26.90	0.18	58.17	207.54	91.4
1050	1047.66	63.10	-84.30	205.62	-56.03	-29.02	0.09	63.10	207.39	91.4
1100	1097.36	68.57	-83.12	201.76	-61.05	-31.21	1.25	68.57	207.08	91.4
1150	1147.01	74.48	-83.22	199.62	-66.61	-33.31	0.28	74.48	206.57	91.4
1200	1196.65	80.41	-83.02	197.07	-72.30	-35.19	0.36	80.41	205.96	92.3
1250	1246.29	86.31	-83.22	194.99	-78.05	-36.85	0.32	86.31	205.27	92.3
1300	1295.93	92.17	-83.08	193.17	-83.83	-38.30	0.26	92.17	204.55	92.3

CUSTOMER---------: NEWMONT EXPLORATION
MINE SITE----------: ROSEBUD MINE
HOLE NO.----------: RS 444
DATE----------: 7/08/98
TIE IN COORDINATES
ELEVATION---------:
NORTH+/SOUTH----:
EAST+/WEST-----:

SILVER STATE SURVEYS, INC.

WATER LEVEL----: 0
PROJECTED DEPTH: N/A

SURVEY CERTIFIED BY

Richard Leigh

MEAS DEPTH (FEET)	TRUE VERTICAL DEPTH (FEET)	TRUE VERTICAL X-SECTION (FEET)	INCL (HORZ) (DEG)	DIRECTION (AZIMUTH)	RECTANGULAR COORDINATES N+/S- (FEET)	E+/W- (FEET)	DOGLEG 50/FT (DEGREES)	CLOSURE DISTANCE (FEET)	CLOSURE DIR (DEG)	HOLE TEMP (F) (DEG)
1350	1345.56	98.06	-83.02	189.45	-89.77	-39.48	0.46	98.06	203.74	93.2
1400	1395.17	104.11	-82.62	187.52	-95.95	-40.40	0.47	104.11	202.83	93.2
1440	1434.84	109.08	-82.57	186.49	-101.07	-41.03	0.18	109.08	202.10	94.9

VERTICAL SECTION

SILVER STATE SURVEYS, INC.

Survey File: RS-444

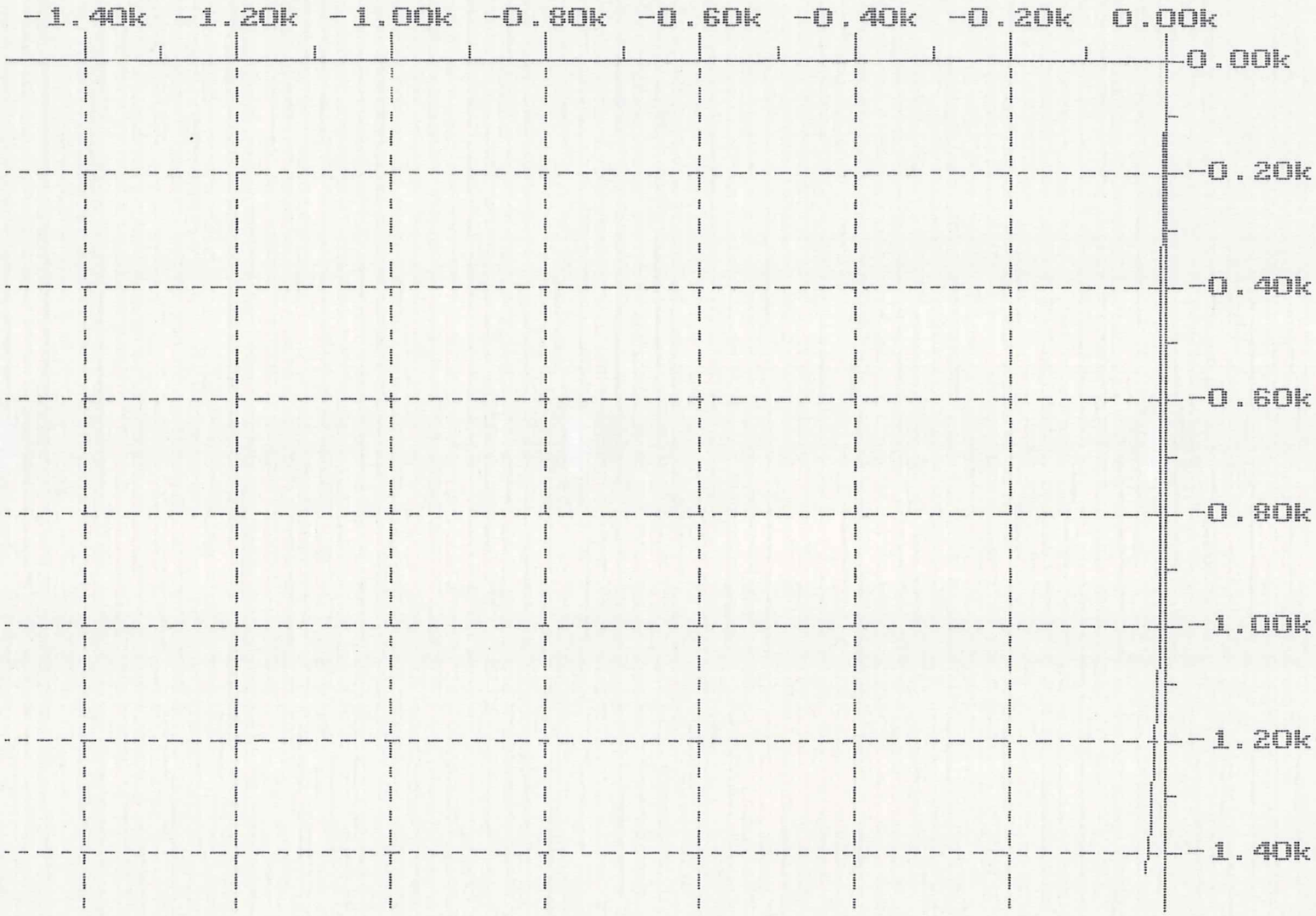
Time: 14:40:15

Section direction: 305.0

Customer: NEWMONT EXPLORA

Date: 7- 8-98

Starting from 0.0 E/W 0.0 N/S



Horiz Data Max: 0.0

Vert Data Max: 0.0

(scale in feet)

Horiz Data Min: -24.4

Vert Data Min: -1434.8

HORIZONTAL PROJECTION

Survey File: RS-444

Time: 14:40:15

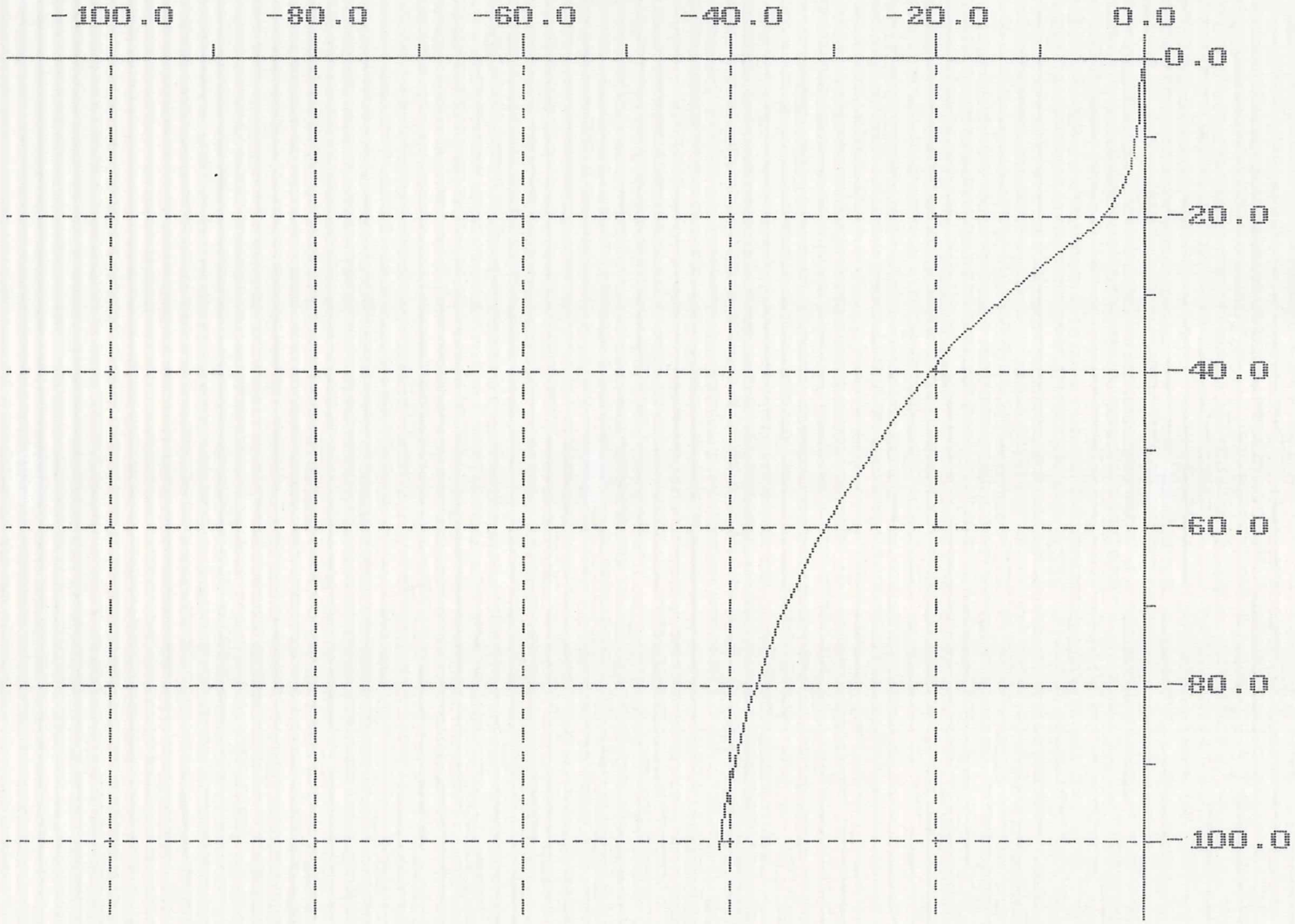
Starting from 0.0 E/W 0.0 N/S

Customer: NEWMONT EXPLORA

Date: 7- 8-98

Bottom closure direction: 202.1

SILVER STATE SURVEYS, INC.



E/W Data Max: 0.0

N/S Data Max: 0.0

(scale in feet)

E/W Data Min: -41.0

N/S Data Min: -101.1

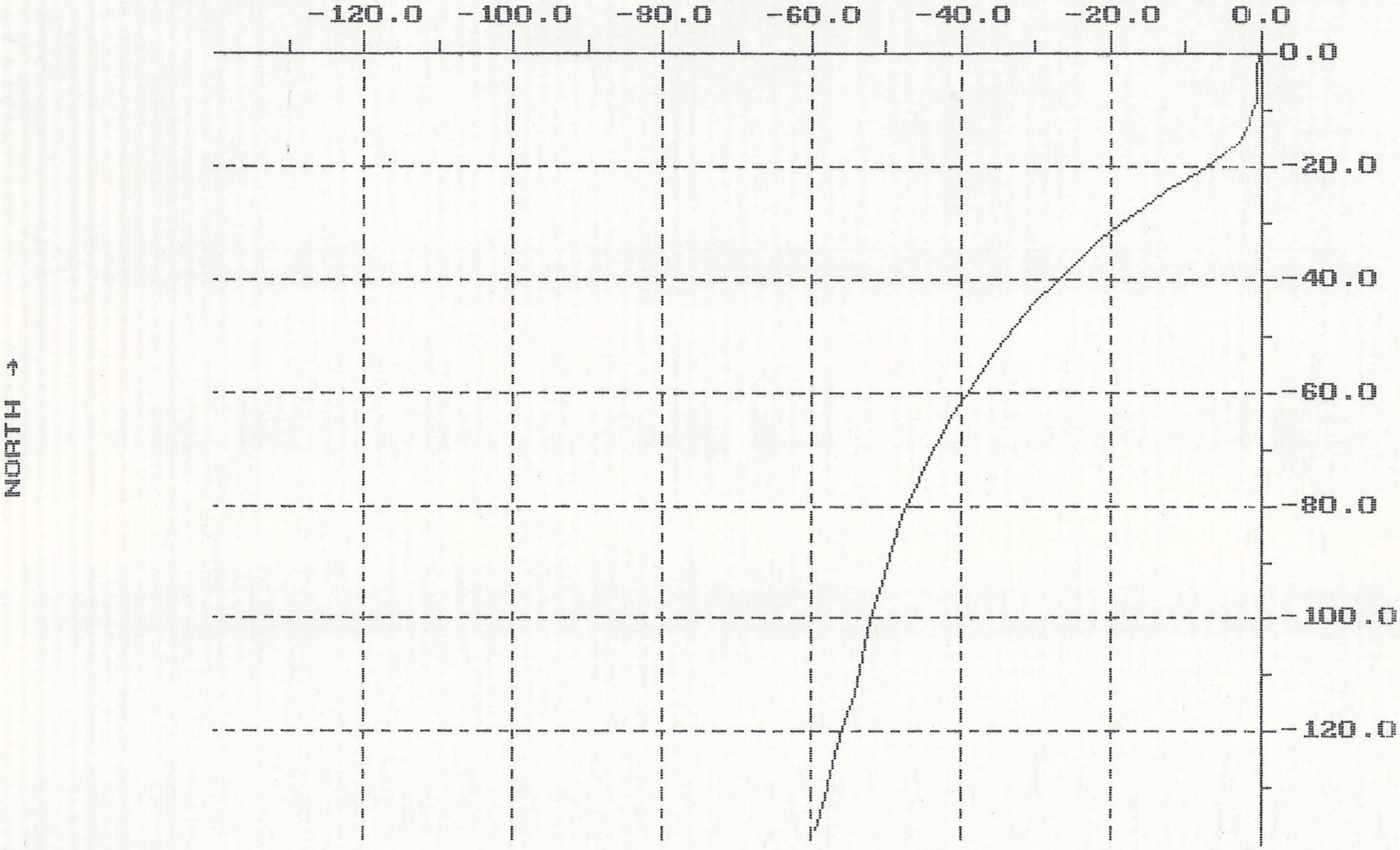
HORIZONTAL PROJECTION

Survey File: RS-444 Time: 13:49:30

Starting from 0.0 E/W 0.0 N/S

Customer: NEWMONT EXPLORA Date: 7-30-98

Bottom closure distance: 203.4



E/W Data Max: 0.0

E/W Data Min: -59.4

(scale in feet)

N/S Data Max: 0.0

N/S Data Min: -137.4

VERTICAL SECTION

SILVER STATE SURVEYS, INC.

Survey File: RS-444

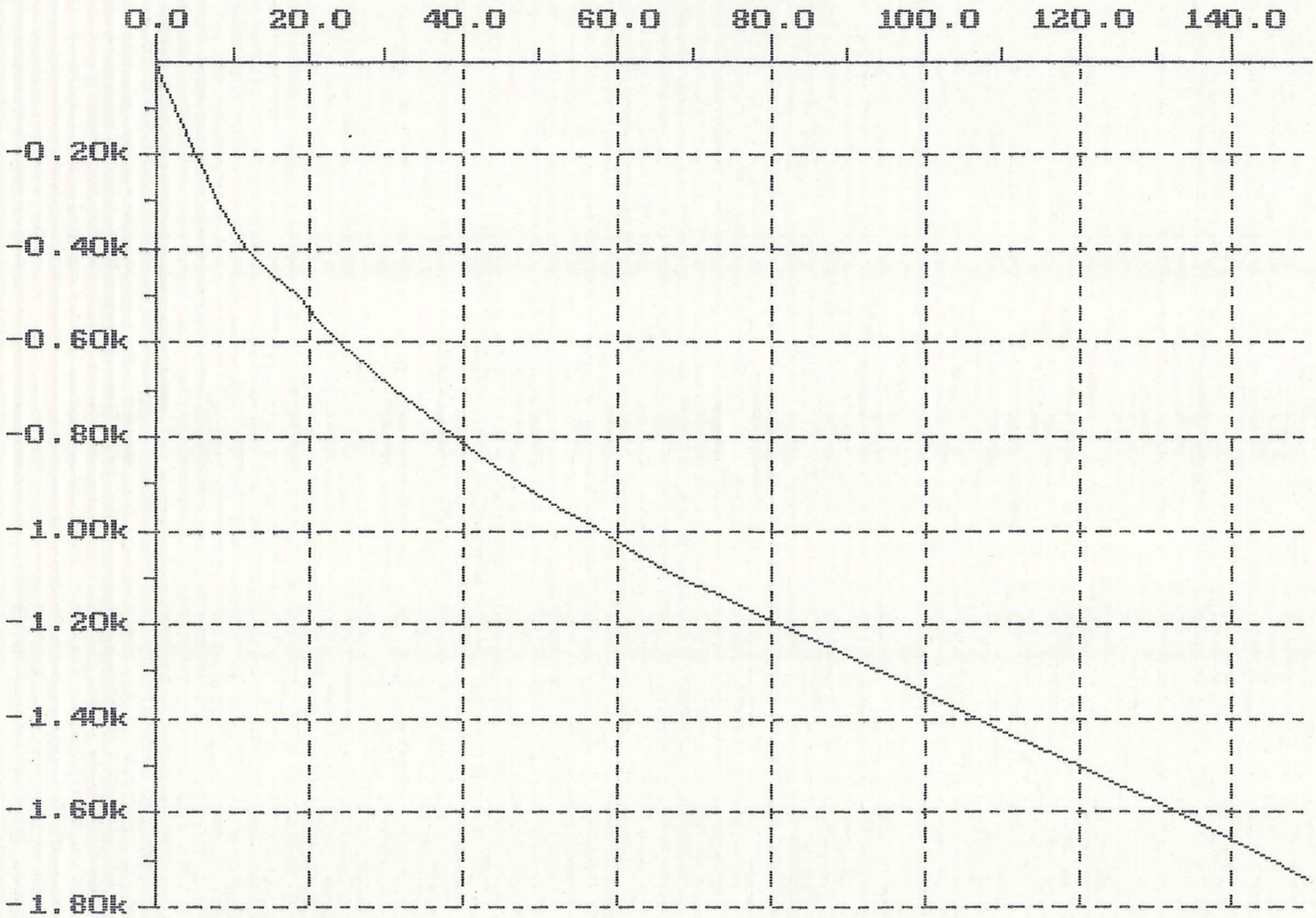
Time: 13:49:30

Section direction: 203.4

Customer: NEWMONT EXPLORA

Date: 7-30-98

Starting from 0.0 E/W 0.0 N/S



Horiz Data Max: 149.7

Vert Data Max: 0.0

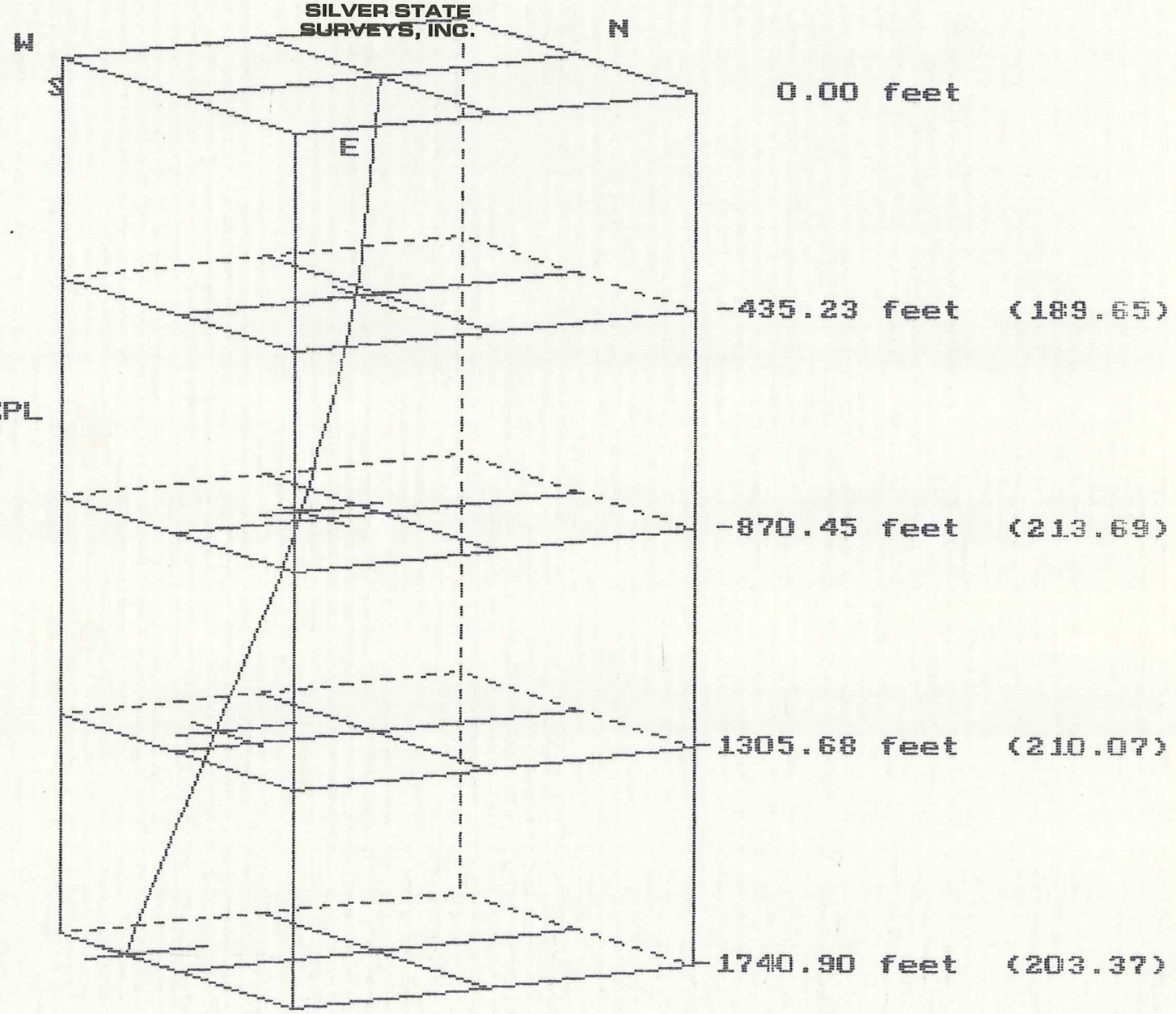
(scale in feet)

Horiz Data Min: 0.0

Vert Data Min: -1740.9

SURVEY PROJECTION

SILVER STATE SURVEYS, INC.



Survey File: RS-444
Customer: NEWMONT EXPL
Date: 7-30-98
Time: 13:49:30

HORIZONTAL PROJECTION

Survey File: RS-444

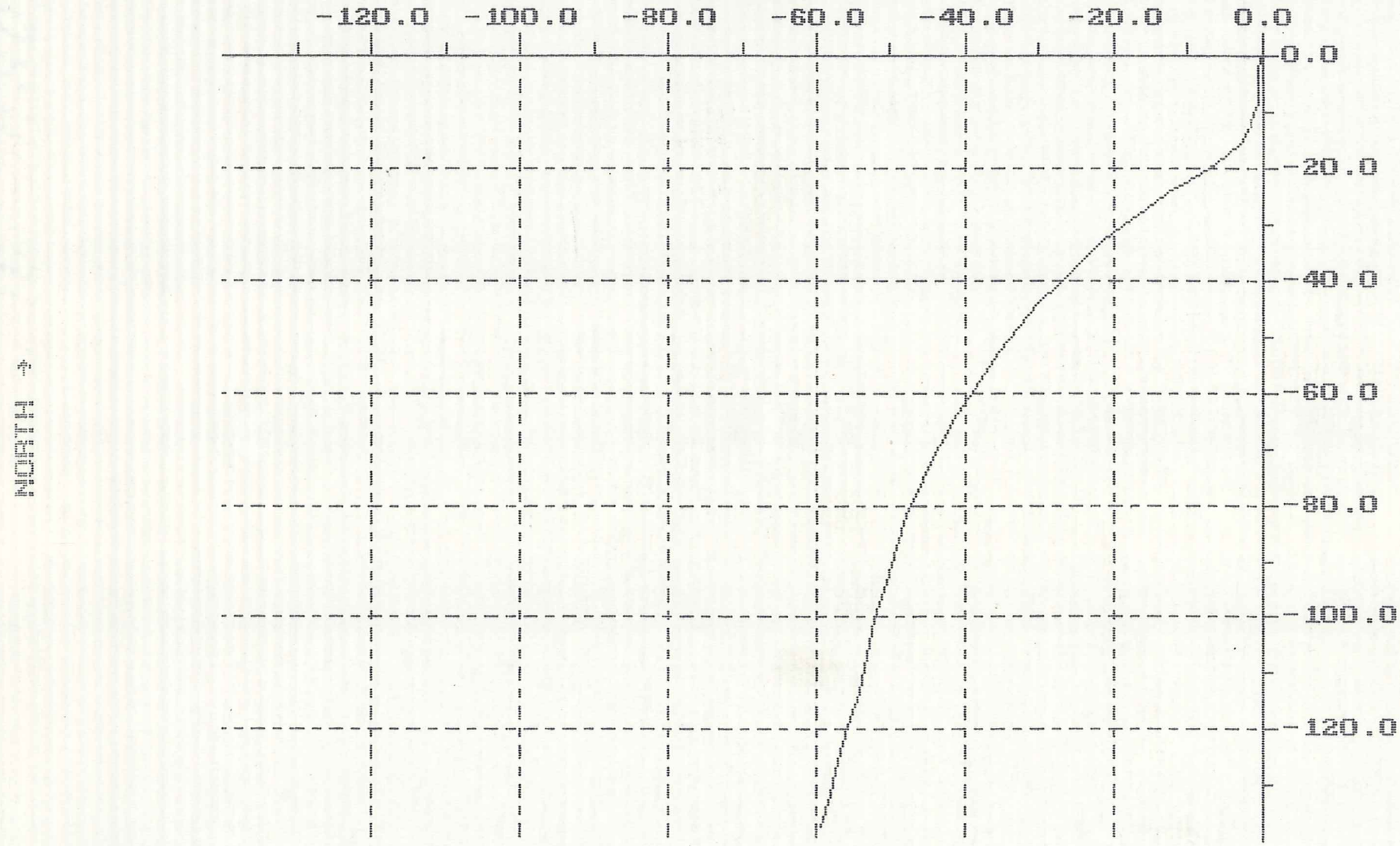
Time: 13:49:30

Starting from 0.0 E/W 0.0 N/S

Customer: NEWMONT EXPLORA

Date: 7-30-98

Bottom closure direction: 203.4



E/W Data Max: 0.0

N/S Data Max: 0.0

(scale in feet)

E/W Data Min: -59.4

N/S Data Min: -137.4

VERTICAL SECTION

Survey File: RS-444

Time: 13:49:30

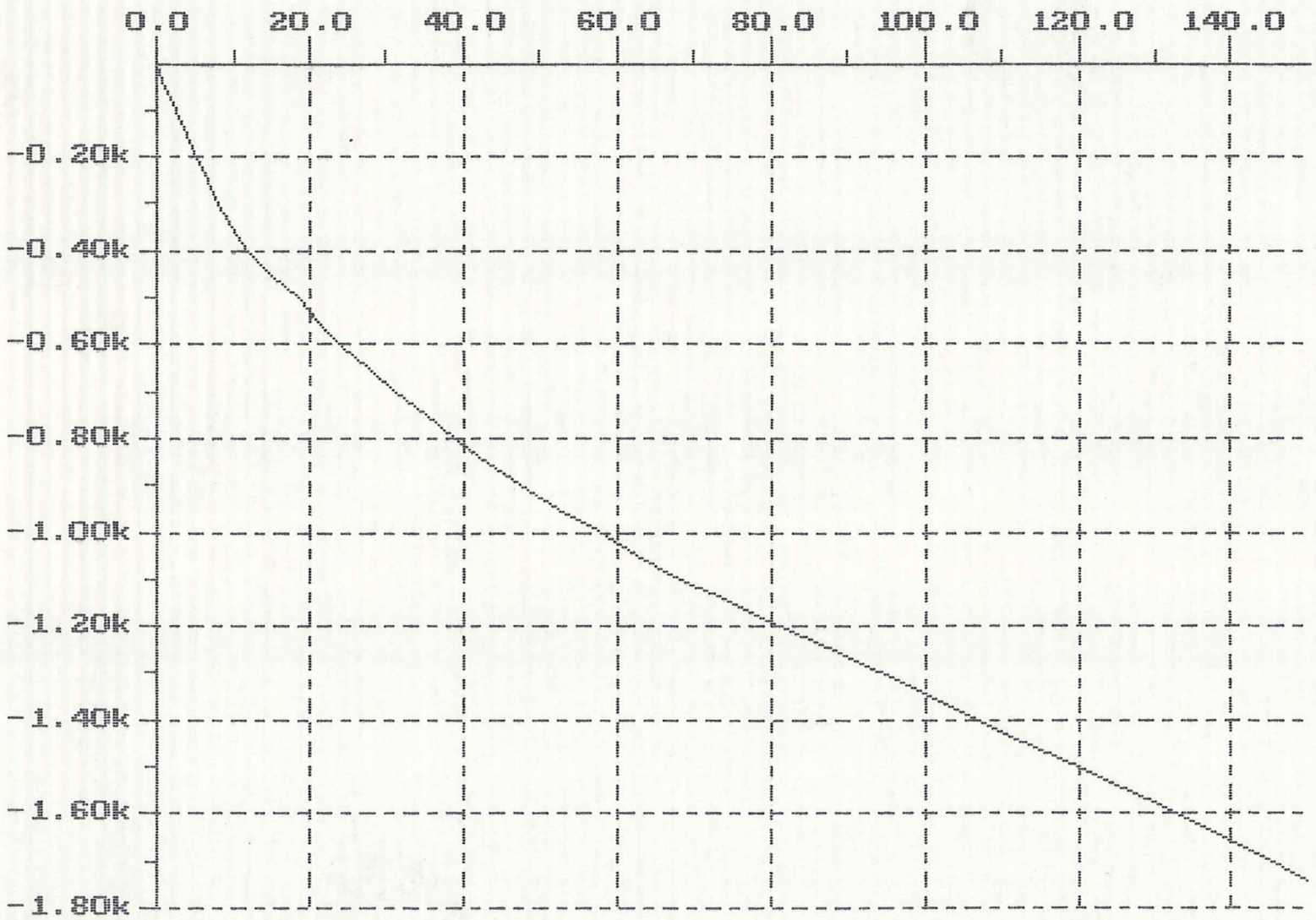
Section direction: 203.4

Customer: NEWMONT EXPLORA

Date: 7-30-98

SILVER STATE SURVEYS, INC.

Starting from 0.0 E/W 0.0 N/S



Horiz Data Max: 149.7

Vert Data Max: 0.0

(scale in feet)

Horiz Data Min: 0.0

Vert Data Min: -1740.9


1442.8
RS-444
BOX 1
DEPTH
1438.0-1447.0


1451.8
1457.8
1448.3
3.5' loss
1451
1444.8
RS-444
BOX 2
DEPTH
1447.0-1454.0


1459
1461.4
1470
RS-444
BOX 3
DEPTH
1454.0-1468.0


1469.0
1472.6
RS-444
BOX 4
DEPTH
1468.0-1476.0


1478.1
1479.0
1482.2
RS-444
BOX 5
DEPTH
1476.0-1486.0


1486.7
1490.0
1493.0
RS-444
BOX 6
DEPTH
1486.0-1494.5


RS-444
BOX 7
DEPTH
1494.5-1504.0
1503.6
1498.5


RS-444
BOX 8
DEPTH
1504.0-1513.5


RS-444
BOX 9
DEPTH
1513.5-1522.6
1514.1
1518.8


1523.8
1529.6
1528
RS-444
BOX 10
DEPTH
1522.6-1531.3


1537.7
1532.9
1538.1
RS-444
BOX 11
DEPTH
1531.3-1540.2


1547.8
1545.3
1544.1
RS-444
BOX 12
DEPTH
1540.2-1548.5


1549.2
1553.4
RS-444
BOX 13
DEPTH
1548.5-1556.5


1558.7
1563.6
RS-444
BOX 14
DEPTH
1556.5-1565.0


RS-444
BOX 15
DEPTH
1565.0-1575.0
1574
1573.8


RS-444
BOX 16
DEPTH
1575.0-1584.0


1584.0
RS-444
BOX 17
DEPTH
1584.0-1593.0


RS-444
BOX 18
DEPTH
1593.0-1602.0


1610.0
1609.0
1605.2
RS-444
BOX 19
DEPTH
1602.0-1610.0


1615.2
RS-444
BOX 20
DEPTH
1610.0-1619.0


1620.2
1624.9
1625.5
RS-444
BOX 21
DEPTH
1619.0-1627.5


1635.0
1630.3
RS-444
BOX 22
DEPTH 1627.5-1634.8


1639.9
1635.8
1640.8
RS-444
BOX 23
DEPTH 1634.8-1644.0


RS-444
BOX 24
DEPTH 1644.0-1653.0


1656.4
1655.3
1660.1
RS-444
BOX 25
DEPTH
1653.0-1662.4


1667
1667.9
RS-444
BOX 26
DEPTH
1662.0-1670.6

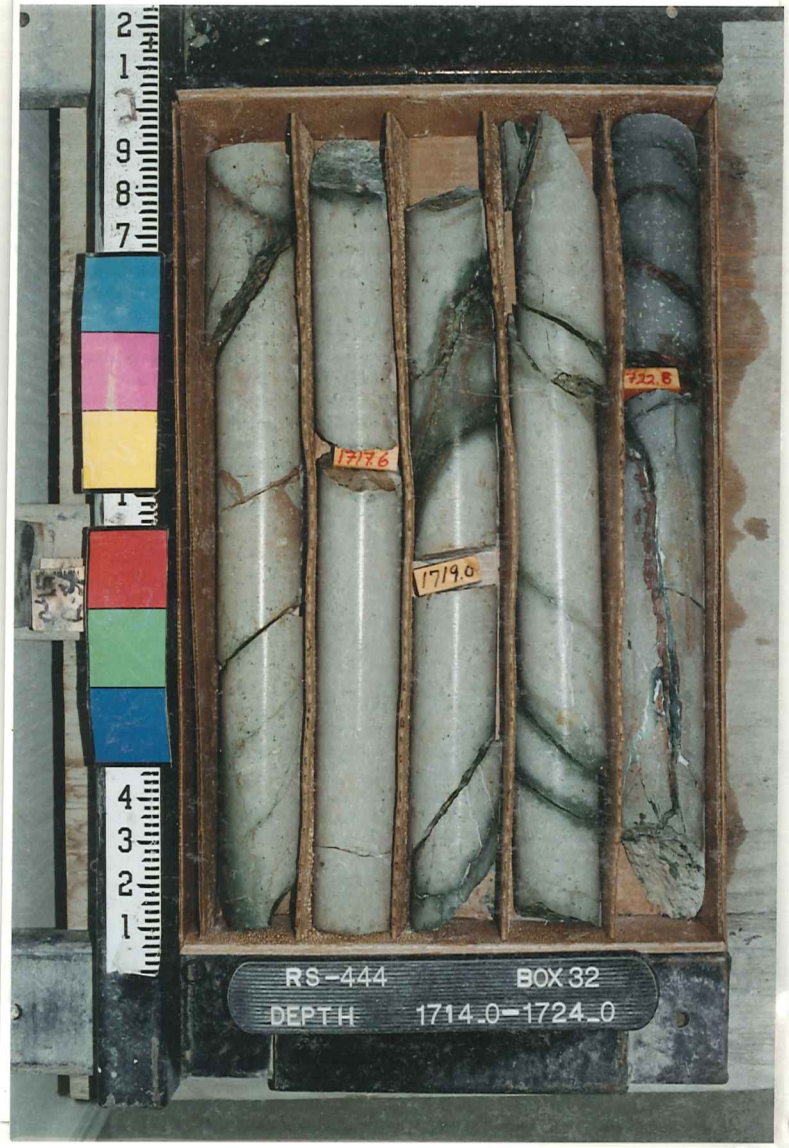

1672.4
1674.9
1679
RS-444
BOX 27
DEPTH
1670.6-1679.2


1697
1688.1
1666.5
RS-444
BOX 28
DEPTH 1679.2-1688.0


1696.7
1694.3
1690.4
RS-444
BOX 29
DEPTH 1688.0-1696.4


1696.4
1701.7
1703.5
RS-444
BOX 30
DEPTH 1696.4-1704.7


1712.5
1707.6
1709
RS-444 BOX 31
DEPTH 1704.7-1714.0


1722.8
1717.6
1719.0
RS-444 BOX 32
DEPTH 1714.0-1724.0


RS-444 BOX 33
DEPTH 1724.0-1733.0
1728.0
1732.8


1733.7
1739.0
1739.8
RS-444
BOX 34
DEPTH
1733.0-1741.0


1744.7
1749.9
1749.5
1747.1
RS-444
BOX 35
DEPTH
1741.0-1750.0


1753.8
1755.1
1757.6
RS-444
BOX 36
DEPTH
1750.0-1759.0


1762.3
1767.6
1760.2
1761.8
RS-444
BOX 37
DEPTH
1759.0-1767.8


1769
1773.0
RS-444
BOX 38
DEPTH
1767.8-1776.0


1778.3
1779
1783.8
RS-444
BOX 39
DEPTH
1779.0-1785.0


1789.0
1792.7
RS-444
BOX 40
DEPTH
1785.0-1794_0


1798.0
1802.0
1799.0
RS-444
BOX 41
DEPTH
1794.0-1804_0


RS-444
BOX 42
DEPTH
1804.0-1813_0


RS-444
BOX 43
DEPTH
1813.0-1821.0
1819.0
1814.0
1817.7


RS-444
BOX 44
DEPTH
1821.0-1830.0
1823.4
1827.3
1829.0


RS-444
BOX 45
DEPTH
1830.0-1838.8
1833.3
1838.3


1847.7
1841.7
1837.0
1845.8
RS-444
BOX 46
DEPTH
1838.8-1847.5


1847.0
1853.3
RS-444
BOX 47
DEPTH
1847.5-1857.0


1858.0
1857.0
1862.9
RS-444
BOX 48
DEPTH
1857.0-1866.0


RS-444
BOX 49
DEPTH
1866.0-1874.0


RS-444
BOX 50
DEPTH
1874.0-1883.0


RS-444
BOX 51
DEPTH
1883.0-1893.0


1901.2
1899.0
1897.0
RS-444
BOX 52
DEPTH
1893.0-1902.0

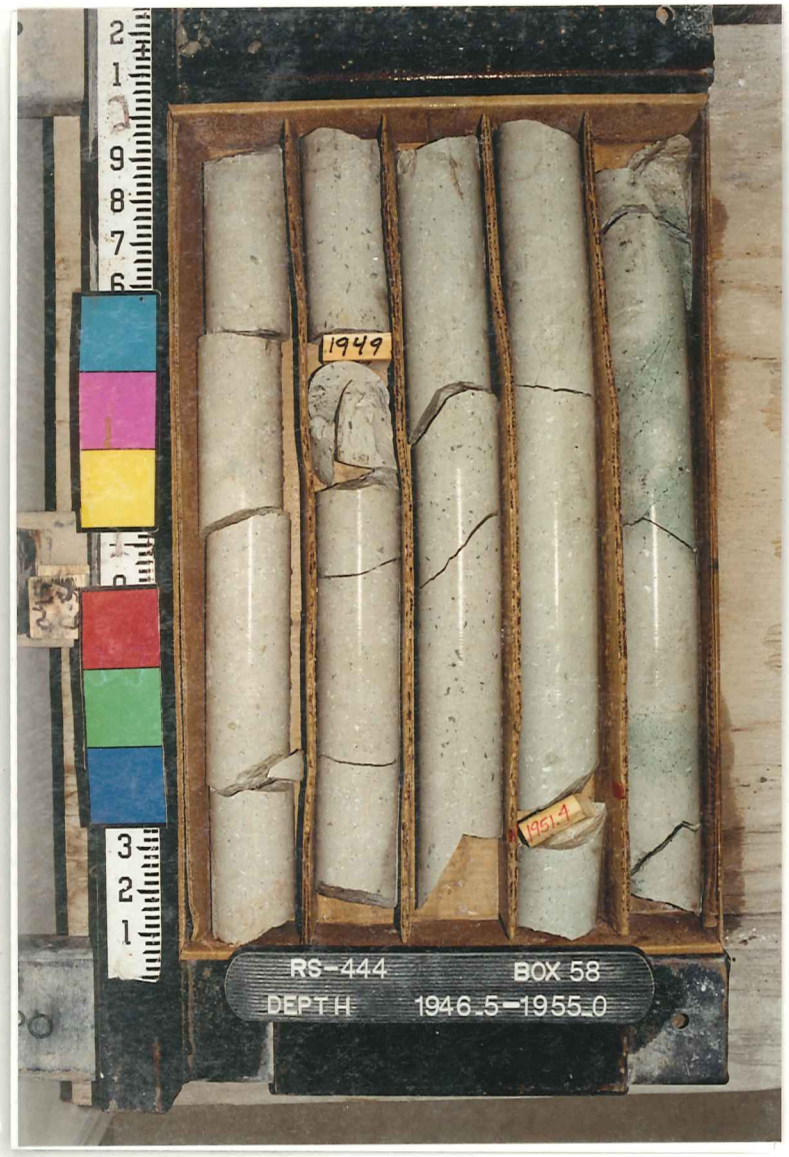

1910.4
1905.4
1909.0
RS-444
BOX 53
DEPTH
1902.0-1910.2


1913.4
1914.9
1916.5
RS-444
BOX 54
DEPTH
1910.2-1919.3


1928.7
1927.5
1923.8
RS-444
BOX 55
DEPTH
1919.3-1928.5


1936.8
1929
1931.7
RS-444
BOX 56
DEPTH
1928.5-1938.0


RS-444
BOX 57
DEPTH
1938.0-1946.5
1939
1941.1


1949
1951.9
RS-444
BOX 58
DEPTH
1946.5-1955.0


1956.7
1960.6
1959
1961
RS-444
BOX 59
DEPTH
1955.0-1963.5


1963.5
1964.4
1968.3
1970
1971.3
RS-444
BOX 60
DEPTH
1963.5-1972.0


RS-444
BOX 61
DEPTH
1972.0-1979.7
1979.5
1976.7
1974.2


RS-444
BOX 62
DEPTH
1979.7-1989.0
1987.1
1984.6


RS-444
BOX 63
DEPTH
1989.0-1999.0
1987
1984.2
1979.9
1977.5


RS-444
BOX 64
DEPTH
1999.0-2008.6


RS-444
BOX 65
DEPTH
2008.6-2016.3


RS-444
BOX 66
DEPTH
2016.3-2025.7


RS-444
BOX 67
DEPTH
2025.7-2034.2


2038.0
2037.2
2035.3
2047.1
RS-444
BOX 68
DEPTH
2034.2-2043.4


RS-444
BOX 69
DEPTH
2043.4-2047.4