60000513

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 408
AUTHOR	C. Ballew; R. Lisle; R. Vance; K. Allen; S King
DATE OF DOC(S)	1997 - 1998
MULTI_DIST Y / (N?) Additional Dist_Nos:	
QUAD_NAME	Sulphur 7.5'
P_M_C_NAME (mine, claim & company names)	Rosebud Mine; Newmont Gold Co.; Newmont Exploration, Ltd
COMMODITY If not obvious	gold; silver
NOTES	drill logs; assay; geology; photographs; geochemistry; total depth 2269'; invoices 130 p. 1 oversize p.

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 3/18/08
Initials Date

DB:
Initials Date

SCANNED:
Initials Date

Revised: 1/22/08

RS
~~RT~~ 408

60000513
4010

0000 0513

NEWMONT EXPLORATION LIMITED — DRILL HOLE SUMMARY

Project: Rosebud Location: Dreamland Drill Hole No.: RS-408
→ First deep hole drilled @ Dreamland

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

Purpose: Reach basement, test deep target Results: Intersected sulfide mnlz'n across >400 ft downhole.

Date Started: RC 9/25/97, core 10/22/97 Date Finished: RC 10/4/97, core 11/5/97

Grid System: State Plane Northing: 2,207,070 Easting: 477,790 Elevation: 5460

Collar Az/Inc.: — / -90 Drill Site: I Total Depth: 2269

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

HOLE CONSTRUCTION AND HISTORY

CASING (INTERVAL): Cased to 1430 pre collar depth

From	To	Hole Type/Size	Started	Completed	Contractor
0	1430	RC / 5 3/4	9/25/97	10/4/97	Cklund - J. Welch
1430	2269	HQ core / HQ	10/22/97	11/5/97	Longyear
		/			
		/			

LITHOLOGIC SUMMARY

From	To	Formation	Rock Type
0	1565	Tc?	tuff, tuff bxa, flow bxa
FAULT Contact			
1565	2257	Tr?	rhyolite flow, rhy autobxa
FAULT Contact			
2257	2269	JTRa	carbonaceous phyllite

ALTERATION/MINERALIZATION

Argillization

SIGNIFICANT ASSAYS

From	To	Width	Au oz/st	Cutoff
1574	1592.5		0.01-0.03	

DOWNHOLE SURVEYS

Directional Date:

Other

Depth (ft)	Azimuth	Inclination
	See well now Report	

Water Table Depth:

Water Flow Rate:

COMMENTS

Bladed mc in calcite veins; mc on many joints, but very little gold >200 ppb. Strong Se. Many veins and structures nearly // to core axis (C.A.). Slicks throughout the hole are dominantly parallel to the C.A., i.e., dip slip; not much evidence for strike slip.
→ Locally the sulfide mineralization resembles Stage 13 ore, but the gold values are disappointing.

Form 1

Hole # RS-408 From 1400 To 1500

Area Dreamland Logged By G. Langstaff

NEL CORE

Page 1 of 2

Date 2/9/98

DEPTH	% REC	ASSAY Pro oz/st	ASSAY CN oz/st	LITHOLOGY ROCK TYPE	LITHOLOGY GRAPHIC	STRUCTURE GRAPHIC	FAULT	BRECCIA	Vn	GOUGE	ALTERATION Sil	Clay	DC	Prop	MINERALOGY METALLURGY FeOx	CO_3	CARB	Sulf	MAG?	COMMENTS
	Rec / RQD			color																
1410												Arg.						PY black rock silt		
1420														dk green chl?						
1430				vole. breccia?		stry jt w/green chl? clay dip slicks 20														greenish-black; Start Core
	6.3 926		k=550 1933.2	green cgl		35 60 jts w/	green clay bed			1	0	0		1 0	1 2	1	0	0		1431.3–1433.2': poorly sorted, vole. pebble conglomerate with medium to dark gray aphyric clasts in dark green, foliated matrix, pebbles generally touch but granules and smaller may not; pebbles subang to subround
t.s. samples	5.7 63%		k=120	chocolate? red cgl		10 jt w/clay, calcite slicks 15° 25 30 jt w/clay calcite slicks 40° 20 46 clast														
1440	1440 9.7 97%		k=75 1442.5	Chocolate LLT?		35 jts/clay calcite slicks red dip slicks (20°) 20 35 clay-hem? + calcite slicks <10° 45 jt w/hem									3					1433.2–1442.4': poorly to mod. sorted, generally clast-supported, vole. pebble conglomerate with very pale gray to black and dark red, subangular to subrounded, aphyric, clasts and possibly ash locally in matrix; local sharp or gradational contacts between finer and coarser beds; rare 2"–6" clasts; rarely dark pebbles embayed by pale pebbles; different colors even among coarser clasts; apparently polymict
	5.8 58%					35 50 30 jts w/hem calcite slicks 40° jt 30														
1450	1450 9.9 99%		k=250–400 1452.3		25 ← km.	40 jts w/ 45 hem 55														
	9.2 92%		1457.2																	
1460	1460 10.0 100%		k=200–300 1467.0			50–55 jts w/hem														1442.4–1510.6': aphyric volcanic breccia or brecciated volcanic with generally indistinct textures; local laminae with various orientations; has conspicuous black .1–1" long, very irregularly shaped black features which may be ∥ or ⊥ laminae, often with pale gray halo – could be xenoliths, relics of flows or unaltered rock, or something else
	9.7 97%		k=250–400													locally 2 or 0 CaCO3 depending on abundance of tiny fractures				reddish dark gray to black
1470	1470 9.9 99%		k=200–500																	
1475.7–1476.0 geophysics	8.6 86%		1477.0																	
1480	1480 9.9 99%																			Alteration/Veining: rare, thin calcite veins 1431–1540'
	9.1 91%		1486.9			jt 70														
1490	1490 9.8 98%		k=200±50 but locally 250–400 or <150			20 jt w/hem														
	9.5 95%		1497.4																	
1500																				

Form 1

Hole # RS-418 From 1500 To 1540

Area Dreamland Logged By G. Langstaff

NEL CORE

Page 2a of 2

Date 2/9/98

DEPTH	% REC / RQD	ASSAY Pto oz/st	ASSAY CN oz/st	Color / LITHOLOGY ROCK TYPE	GRAPHIC	STRUCTURE GRAPHIC	FAULT	BRECCIA	Vn	GOUGE	ALTERATION Sil	Clay	DC	Prop	MINERALOGY METALLURGY FeOx	CO_3	CARB	Sulf	NAD?	COMMENTS
t.s. sample	10			chocolate LLT?		35 jt						Arg.			3	1	0	py thick cont.		
	100% / 9.7 97%		1507.3			20 jt w/hem										locally 0 or 2 CO_3 depending on fine fractures		0		
1510	1510 / 9.7 97%			volc bx (also LLT?)		60 50 jts w/hem														1510.6-1519.4': very coarse and very poorly sorted volcaniz breccia with clasts up to 6+" & commonly laminated aphyric rock with black features (see above); coarser clasts very angular to subround; red matrix includes <v.fine sand; clasts variably altered to various shades of grey or reddish grey
	9.2 92%		1517.3																	
1520	1520 / 10.2 102%		1522.3	Chocolate LLT?																
	9.3 93%		k= 500-1000 locally 600-900																	1519.4-1540': same as 1442-1511 but laminae more abundant below 1526.5; may locally include red matrix-like material
1530	1530 / 9.8 98%		1531.0 k=100-200															v.v.v. rare trace pyrite	red-black	
	9.3 93%		k= 200-400			60-65 jts?														
1540	1540		1540.0																	

Form 1

Hole # RS-408 From 1500 To 1600

Area Dreamland Logged By R.B. VAnce

NEL CORE

Date 11/12/97

DEPTH	% REC	ASSAY Fire oz/st	ASSAY CN oz/st	LITHOLOGY ROCK TYPE	LITHOLOGY GRAPHIC	STRUCTURE GRAPHIC	FAULT	BRECCIA	Vn	GOUGE	ALTERATION Si	Clay	DC	Prop	MINERALOGY METALLURGY FeOx	CO_3	CARB	Sulf	AMD	RQD	COMMENTS
1500																					
1510																					
1520																					
1530																					
1540				Tc?												1					dark reddish-brown to purple flow bxa w/ lithic clasts of black argillite?. Flow banded locally. Clasts are 1/8-1", rarely 3". Light gray to white clay? on frx and in matrix. Purple-red color due to hematite.
1550	10.4		53.5	104							1	2			Hm 3					99	Rock changes to Lt gray to white on alteration contact.
1560	9.7			97	move to structure	Flt 80 70 55 30	3	3								2 dol?		PY 2		78	F.g. brassy py dissem. FAULT 1565-1566.5' Fault has 4 shear planes. Pure dip-slip slicks on 3 of 4. The 30° to C.Axis has 70° rake. Microbxa in H.W. of lowest shear. Vfg black sooty sulfide 1564' on @ less than 1-2%.
1570	10.2		77.5	102	Tr fault bxa	Flt dip-slip slicks 75	2	2												71	Sheared pinkish-white to greenish-white rhyolite(?) from 1564-1579. Locally talcose. 1" silica-py vein @ 1574 (black). Flt bxa from 1574-1579'.
1580	10.0		1586.5	100	Tr	Flt dip-slip slicks 45; s.j. 90						1						3		84	Rhyolite Autobreccia 1579' on. pyritic shear joint. Dark sooty sulfides → MZLn?
1590	9.8		1588.5 1592.5 1596.5	98	Tr	s.j. w/PY												PY 1		79	Rhyolite autobreccia w/ 1-2" clasts. PY is dissem in clasts and matrix. Some veinlets cut through clasts. At 1592, rock becomes pink to green pastels.
1600			1600																		

Form 1

Hole # RS-408 From 1600 To 1700
Area Dreamland Logged By R.B. Vance

NEL CORE — Page 3 of 9 — Date

DEPTH	% REC	ASSAY Fire oz/st	ASSAY CN oz/st	LITHOLOGY ROCK TYPE	LITHOLOGY GRAPHIC	STRUCTURE GRAPHIC	FAULT	BRECCIA	Vn	GOUGE	ALTERATION Sil	Clay	DC	Prop	MINERALOGY METALLURGY FeOx	CO_3	CARB	Sulf	AMD	RQD	COMMENTS
1600	10.1			Tr bxa														1		9.6	Pale green rhy Autobxa. Clasts are aphanitic.
	101					0-10°			Q-py											96	1605-17' Mlzd zone. Stringer py-Q sulfide veinlets // to C.A. Wispy and irregular. Py is coarse, brassy and cubic, and vfg and scoty in veinlets. Max. width is 1/4". Minor white clay at 1609.
						15° 30° 35°															
1610	9.8								2		1	1						3		8.3	vein @ 1613 is sharp, 2-4 mm wide, and dk bluish-gray to black. Brassy py is adjacent in microveinlets. Vein is on a shear joint w/ dip-slip micro slicks.
	98					15°														83	1614-1616' - crackle bxa w/ sulf. in matrix.
																					1618-34: rhy autobxa w/ gray clasts and lighter greenish-gray matrix; both have vfg diss. py.
1620	9.9																	1		8.2	
	99																			82	
1630	10.1					10° rake ¼" dip-slip py														6.4	
	101					py 1/3" 40° 30	2	2	1			2						3		64	1633-42 Mlzd zone w/ incr. sulfide. Veinlets and dissem along frx, dom. // to C.A, except as noted. From 1636- to 1641.5' is a vein along a fracture. Py-calcite-blue sulfides are present. Only 1-3 mm wide, but looks good. Vein bends slightly and exits core @ 1641.5'.
						0-5 slicks rake 5°															
1640	9.9															3				6.9	1642-1654' incr in white clay.
	99																	1		69	
						10 vn															
1650	10.1															0				7.9	1648.5-1650': Blue py-cal veinlet 2-6 mm wide, on sharp shear joint.
	101					15° vn	3		2											79	1654': 8 mm wide blue py-cal vein. Rhy is green in fw to 1665'.
						0-5 cal vn						1				3					1657-61': ¼-1" wh. cal vein w/ some bluish-gray sulf. less blue than other veinlets. Slicks rake -20 on outer vein walls, and -35 (opposite) on inner vein (w/ sulfide).
1660	9.7																			7.0	Rhy is fresher 1654-76', w/ green + brown color; may be higher SiO_2. Still has autobxa texture and tr sulfide in matrix and clasts.
	97																			70	
																tr.					Rhy becomes Lt. greenish white at 1676.
1670	10.2																			9.7	
	102					40 Flt														97	Minor Flt @ 1676'. No sulfide.
						25 slicks @ 10° to C.A. S.J.						2									
1680	9.9					40 Flt slicks @ 25 to C.A.														9.5	
	99															1				95	1688-90': brassy py.
1690	9.9																			9.9	
	99																	tr		99	Rhy becomes greener, less argillized.
												1									
1700																					

Form 1

Hole # RS-408 From 1700 To 1800

Area DreamLAND Logged By R. B. Vance

NEL CORE

Date

DEPTH	% REC	ASSAY Fire oz/st	ASSAY CN oz/st	LITHOLOGY ROCK TYPE	LITHOLOGY GRAPHIC	STRUCTURE GRAPHIC	FAULT	BRECCIA	Vn	GOUGE	ALTERATION Ser	Clay Arg	DC	Prop	MINERALOGY METALLURGY FeOx	CO_3	CARB	Sulf	AMD	RQD	COMMENTS
1700	9.7			Tr abxa								1						tr		8.2	1703-1705.5' White clay – py – cal vein // to C.A. Sulfide conc. in Autobxa matrix.
	97		04.5 06			0 vn; 35 FLT; 30 s.j.; 45 s.j.; 35 sj; 60 sj; slicks 50° to C.A.			2							1		2		82	minor flt w/ py-gouge
1710	9.4																	1		6.7	1709-1728' Relatively unaltered lt. brownish green rhy autobxa w/ brown deuteric? alt in matrix. Vfg diss. pyrite in clasts, matrix and along hairline frx.
	94																			67	
1720	10.1																			9.5	
	101					55 FLT														95	
1730	8.3					40 FLT; 30 vn	2 / 0					2								2.3	1732.5': 2-5mm py vn on s.j. May cut adjacent Flt. plane, at least locally.
	83					35 vn on sj	3	2		2								2		23	1737': sharp py vn on sj. 2 mm gouge. May have other sulfides.
1740	8.6						2									0				2.1	
	86																			21	white clay on joints.
1750	9.8											1								7.8	Very fine-grained diss. py. Coarse py or mc on sj.
	98																	1		78	
1760	10.1					Slicks are dip-slip; 60 FLT										1				8.0	
	101																			80	Narrow Flt w/ 3 mm py vn @ 1761.8'
1770	9.5					40										2		tr.		6.6	1772.7' Microbxa w/ dk. gray sulfide 3/4-1 1/4" wide w/ minor white clay in matrix. Sulfide py/mc on sj, incr dissem.
	95					65 py										0				66	1777': 1/4" py vein along s.j.
1780	9.8					25 py on s.j.						2						2		7.1	1781-1785': Microbxa w/ vfg stockwork of bluish-gray sulf, white clay in matrix, and along frx. Joints are polished w/ slicks, irregular orientations.
	98																			71	
						20; 20 vn; 70 bxa py vn															1789' Narrow cal-py-mc veinlet w/ wh. clay. Bladed mc in clay.
1790	9.7				60 PFF							1				1		1		9.2	1791' Microbxa w/ sulfide. Sharp FW, diffuse HW. Rhy beneath it is less altered, but still has diss py and frx controlled gray sulfides. Rhy has brown patchy texture, and autobreccia decreases.
	97					55 s.j.														92	
1800												2						2			

Form 1

Hole # RS-408 From 1800 To 1900
Area Dreamland Logged By R. B. Vance

NEL CORE — Page 5 of 9 — Date 11/17/97

DEPTH	% REC	ASSAY Fire oz/st	ASSAY CN oz/st	LITHOLOGY ROCK TYPE	LITHOLOGY GRAPHIC	STRUCTURE GRAPHIC	FAULT	BRECCIA	Vn	GOUGE	ALTERATION Sil	Arg Clay	DC	Prop	MINERALOGY METALLURGY FeOx	CO_3	CARB	Sulf	AMD	RQD	COMMENTS
1800	9.9			Tr abxa		20 black sulf vnlt. w/ wh clay						2						2		7.4	Brownish-green rhyolite flow breccia. Autobreccia has decreased. 1799-1820': Sulfide increases as microvnlts, dissem, and blebs. Py-mc and vfg black and bluish black sulfides.
	99				50 PFF											1				7.4	
1810	9.6																			6.0	1812-14 Sulf in microbxa
	96					60 py vn 1/2" 30 blue sulf, sj 45 FLT		FLT 2		3										6.0	1814-1821: RQD ↓, frx rock.
1820	8.2			Tr.			2													5.8	FLT 1820'. Rock in FW is bleached, lt green to grnish white. 4" gouge and microbxa w/ py, dk sulfides. Rhy abxa in HW, rhy in FW.
	82				45 PFF	30 3 mm py vn on FLT														5.8	
1830	10.3															tr		1		6.2	sulfide on frx + jts. Py-mc.
	111																			6.7	
	1839.3					10 sj w/ py-mc + wh. clay															
1840	10.1											1								8.0	Rhy becomes darker green and less altered, from 1840-1850. It lightens up again at 1852'.
	98																	tr		7.8	
	1849.6																				
1850	10.4			Tr abxa		0 15 SV 0 SV														9.0	Sulfide increases @ 1852'. Disseminated, frx controlled bladed mc and bluish sulfide in lt green argil. rhyolite. Frx are mostly // to C.A., but some SV are 30-60°. Stringer zone 1856-1860.
	102																			8.8	
	1859.8											2						3			
1860	9.2					15 SV														7.2	
	90		64.6 * 67.5			5 SV + cal on sj			3							3				7.1	1864.6-67.5: Sulfide-calc vein 1/2-5/8" wide @ 5° to CA. 2-4 mm seams of black sulfide on selvages. Lesser sulf in interior. Talcose clay walls. Slicks are // to C.A.
1870	10.1																	1		6.7	1869-1898': Less altered green rhy, w/ remnant brown coloration. Most sulf is py >> mc. Locally chloritic
	101					35 py vn 35 3 mm SV														6.7	
1880	10.2											1				0				6.5	
	102				Possible PFF 50	35 sj 35 sj 15 sj w/ mc + sulf														6.5	
1890	9.2											2								5.5	Rhy turns Light green @ 1890', grades to greenish white. clotty mc on joints ↑. Sulfide beginning to increase.
	92					5 WK SV														5.5	
1900																					

Form 1

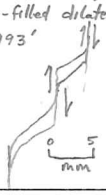
Hole # RS-408 From 1900 To 2000

Area Dreamland Logged By R. B. Vance

NEL CORE

Date 11/20/97

DEPTH	% REC	ASSAY Fire oz/st	ASSAY CN oz/st	LITHOLOGY ROCK TYPE	LITHOLOGY GRAPHIC	STRUCTURE GRAPHIC	FAULT	BRECCIA	Vn	GOUGE	ALTERATION Sil	Clay Arg.	DC	Prop	MINERALOGY METALLURGY FeOx	CO_3	CARB	Sulf	AMD	RQD	COMMENTS
1900	6.6		00	Tr														1		1.3	
	66		04													0		3		13	1904-17 Broken core caused by sj and faults. Local breccia, but not very strong until 1908-10, and 1921-1926.
			08				2	2													
1910	5.8																			0	Very broken and rubbly core w/ clotty mc, blue sulfides and excessive mud. Minor gouge seams at 1908, 1910, 1917.
	77		12									2									
			16																		
1917.5	10.3									2										5.3	
1920			20			30															1919-1926: Strongest mz'd zone - dark gray to bluish black dissem and frx controlled sulfide (acanthite selenides or sulfosalts?). white clay w/ slicks on joints, 1-4mm thick. Mc also on joints. Locally semi-massive py @ 1903', 1917' 1924'. At 1924' py is being replaced by black sulf. Lower contact is a FAULT w/ bxa in HW and Arg. rhy in FW. Py up to 4".
	100		22		15-25° @ 1924': blue sulf repl py.	10 Vn sj bxa Vn														51	
			24																		
			26		65° PFF																
1927.8	10.1		29															1		7.4	
1930	101		33		50 PFF															72	1926-1950: Sulfide decreases and clay is limited to sj and vnlts. Mc on sj. slicks @ 1925 show pure dip-slip motion → 5° to C.A. One set of slicks at 1922 were 35° to C.A; all others were dip slip.
	10.1		38																	8.8	
1940	101		43			0 1cm wide micro bxa w/sulf matrix														88	Light-gray to greenish-white rhyolite w/ weak PFF. Joints are coated w/ white clay and sheared mc. 1948
			48			20 mc vn 2-3 mm 20						1						1			
	10.2																			9.5	
1950	102		53		40 PFF															95	8 joints w/ wh. clay 1960-1964' sampled for PIMA: Very pure white clay 2-4 mm thick, deposited in dilatent frx. Mc vnlts @ 1948' are in the same frx as white clay.
																tr					
1958	9.8		58		65 PFF.	35 clay on sj.														6.6	
1960	95		63																	64	Rhyolite becomes Lt. greenish-gray w/ mottled textures and colors. The mottling continues to 1989'. The green color may be due to chlorite.
												wk						0 to tr.			
1968.3	10.3		68																	8.4	
1970	100		73																	82	
						65 5mm cal vn															
			78		65 PFF																Nondescript, massive Tr. Weak chlorite overprint may be due to deuteric alt.
1978.6	10.2																			9.6	
1980	102		83		60 PFF															96	
1988.6	10.0		88																	9.4	
1990	97		93																	91	Clay-filled dilatent zones @ 1993'
					55 PFF																
1998.9			98			5° jt.															
2000																					



Form 1

Hole # RS-408 From 2000 To 2100
Area Dreamland Logged By R. VAnce

NEL CORE Page 7 of 9
Date 12/8/97

DEPTH	% REC	ASSAY Fire oz/st	ASSAY CN oz/st	LITHOLOGY ROCK TYPE	LITHOLOGY GRAPHIC	STRUCTURE GRAPHIC	STRUCTURE FAULT	STRUCTURE BRECCIA	STRUCTURE Vn	STRUCTURE GOUGE	ALTERATION Bl	ALTERATION Clay Arg.	ALTERATION DC	ALTERATION Prop	MINERALOGY METALLURGY FeOx	MINERALOGY METALLURGY CO_3	MINERALOGY METALLURGY CARB	MINERALOGY METALLURGY Sulf	MINERALOGY METALLURGY AMD	RQD	COMMENTS
2000	10.2/10.3			Tr	Massive							wk				tr				8.9	Lt. greenish-white and whitish-green rhyolite and rhyolite breccia.
	99																			86	
2009.2																					
2010	10.1/10.3																			9.0	2012-13 chloritic Tr
	98					20 Ext. jt.														87	
2019.5																					
2020	8.9/10.3																			7.6	
	86					50 s.j.												tr		74	Good slicks @ 2028' have sheared wh. clay and dk black-golden brn sulfides (mc-py-?). Sulfides on jt are only 1-2 mm thick.
2029.8	Loss																				
2030	5.0/10.2						3	3		1										0.5	FAULT: 2028-2042'. Good microbxa 2029.8-2031'.
	49															0				5	
							2	1		0											
2040	1.0 50						3			2										0	
	8.0					35 40 35 wh. clay vnlts dip slicks														6.2	Light green Aphanitic rhyolite w/ 1-3 mm white clay seams and vnlts @ 2-4/ft down to 2046'. Weak chloritic overprint, and tr. py. One jt had slicks @ 25° to C.A.
	100				45 PFF															85	
2050	9.7/10																			8.9	Very wk Autobreccia textures in otherwise massive Lt green rhyolite.
	97																			89	
2060	9.8/10				Autobxa															4.4	
	98					20 1cm-wide FLT w/ gouge 15 s.j.														44	minor FLT @ 2066'. S.j. @ 2067' has slicks 20° to core axis.
2070	9.9					20-35° 2cm cal-clay vein w/ py-mc 55 clay 60 s.j. 65 s.j. s.j.														8.9	bladed mc << py in gray calcite vn w/ wh clay. Sulf only 1-2% of vein.
	99																			89	S.j. of 60° has mc-py clots; slicks are 45° to C.A. Traces of mc-py 2070'-2085'.
2080	9.7				45 PFF															9.2	
	97					20 1cm wide flt. w/ clay														92	2084'-2110': Core is pale green to greenish white, v. weakly altered (Arg 1).
2090	10.1				15 PFF	25 slicks @ 70° to C.A.												tr		7.1	S.s. component to slicks.
	101				25	20 s.j.						1				1				71	possible clast @ 2094'.
					15																
2100																					

Form 1

Hole # RS-408 From 2100 To 2200
Area Dreamland Logged By R. Vance

NEL CORE — Page 8 of 9 — Date 12/09/97

DEPTH	% REC	ASSAY Fire oz/st	ASSAY CN oz/st	LITHOLOGY ROCK TYPE	LITHOLOGY GRAPHIC	STRUCTURE GRAPHIC	FAULT	BRECCIA	Vn	GOUGE	ALTERATION Sil	Clay	DC	Prop	MINERALOGY METALLURGY FeOx	CO_3	CARB	Sulf	AMD	RQD	COMMENTS
2100	9.8			Tr								1								8.5	bleached Tr, cont. ↓
	98															1				85	
2110	10.1					micro-bxa 40														9.0	
	101					60		3				2						1		90	2115–2164 sulfide increases. 2117' jt has slicks 90° to c.A ⇒ S.S.
						20 s.j. w/ slicks 20° to c.A.		1													
2120	9.8																			7.8	Bluish-gray sulfides along shears, extensional joints from 2115-2142. Platy MC on joints and in clay-filled fractures. Sulfide occurs in a type of stockwork, w/o a preferred orientation.
	98					55 jt. slicks 55° to c.A														78	
2130	6.6/7.5															0		2		3.3	
	88																			44	
2137.5	9.8/10.3					50 s.j. w/ sulf.	2													7.4	2136-37.5 broken zone is a Fault. Also 2141-42'. ↓
2140	95					30 s.j. w/ clay	1											1		72	Fracture density and sulfides decrease after 2140'.
						40 s.j. slicks 15° to c.A.															
2147.8	9.9/10.3											1						0		9.1	
2150	96			minor Tr abxa																80	Bladed mc w/ white clay and sheared mc on jts.
																2		1			Medium green, drab aphyric rhy? Carbonate increases, esp. on frx + jts. Sulf is mc on jts.
2158.1	9.6/10.3					slicks 20° to c.A. 35														6.7	
2160	93					s.j. 25 slicks 15° to c.A. s.j.														65	
2168.4	10.0/10.3																			8.6	
2170	97																			84	vfg dissem py in clay-altered rock. bluish gray mc? on hairline frx and joints.
2178.7	9.9/10.3																			8.9	
2180	96					30 Banded PFF? Flt														86	minor Flt w/ microbreccia in h.w. (1")
2189	10.1/10.3																			8.5	
2190	98					65 s.j. 65 healed s.j. s.j. 65 40 s.j.														82	Pastel greenish-white Tr w/ gray streaks and banding. Fracturing incr. ~2194', as does spotted chl, calcite.
2199.3																					
2200																					

Form 1

Hole # RS-408 From 2200 To 2269

Area Dreamland Logged By R. Vance

NEL CORE

Date 12/10/97

DEPTH	% REC	ASSAY Fire oz/st	ASSAY CN oz/st	LITHOLOGY ROCK TYPE	LITHOLOGY GRAPHIC	STRUCTURE GRAPHIC	FAULT	BRECCIA	Vn	GOUGE	ALTERATION Sil	Clay	DC	Prop	MINERALOGY METALLURGY FeOx	CO_3	CARB	Sulf	AMD	RQD	COMMENTS
2200	9.5			Tr																6.4	
	92											0						1		62	
2209.6																					
2210	8.4																			2.9	tr. py 2210-2235
	84				35°													0		29	2213-2235: vesicular Tr. distinctive green squiggly flow banding. Bounded by s.j. @ 2235'. Rock is less altered and would make a fair whole-rock sample.
2219.6																					
2220	11.2				65°															3.0	
	95																			68	
	7.8				40°															5.0	
	98															1				63	
2230																					
	8.4				40° s.j. w/ sulfide slicks are 5° to C.A															7.5	
	99				40°															88	2235-2257': sheared bluish gray sulf. on jts. Some mc.
2240					20°																Sooty sulfide in 1cm microbxa @ 2238'.
2240.5	9.5																			7.6	
	100				40° s.j. w/ slicks							1						1		80	Rhyolite becomes lighter green, softer, and more clayey from 2235-2257'.
					s.j. w/ slicks 70° to C.A.																
2250	10																			6.9	
	100				90 s.j.															69	shearing increases, microbxa picks up. Some gray caused by sulfides. talcose rock @ 2256.5
							3	3													2257' - Fault contact. Microbxa in h.w. is 5". Broken and sheared phyllite extends ~1' in fw, then becomes slickensided partings.
				JTRa		10 50 S1 65															
2260	7.7			Auld Lang Syne: black carbonac. phyllite		S1 63										3	3			0	phyllite partings are extremely polished -- mirror-like reflections.
	86					S1 80 S1 65															minor white $CaCO_3$ veining, mostly x-cutting metam. fabric (S_1).
2269																					
																					2269 T.D.

Newmont Gold Rotary Form

Hole# RS-408
Logged by G. Langstaff
Date 12/9/98
Area Dreamland
Coords
Az/Incl
Total Depth
Contractor
Page 1 of

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		mixed? colluvium	orange brown and very pale grey																				2	
																		limonite 1-2					1	
																							0	
20			pale and v. pale grey								green phenos		1 to 2?											
											white feldspar, quartz phenos		1					0						
			med grey																		0			
40												1	1								1			
													2											
												0												
60											green phenos													
											white feldspar?	0												
80												1												
											lots of coarse pyrite	0											0	
																							1	
100											above 115, rock is cut by hard brown veinlets												2	
											vein calcite, coarse pyrite in same vein													
							?	1		?			2										2	
120								0			3mm vitreous feldspar		1										1	
																							2	
																							1	
140											vitreous feldspar, pyrite clouds could be mafic												2	
			pale to very pale brownish grey										1					0			1			
													0					1			0			
			reddish grey								calcite vein		0					1			0			
160													1					0			1		3	
																							2	
											square quartz phenos .5mm												1	
			very pale brownish grey								2mm vitreous feldspar		0					1			0		2	
180		Fp?, f (mafic?)																						
			reddish grey								white feldspar													
200																								

Newmont Gold Rotary Form

Hole# RS-408
Logged by G. Langstaff
Date 12/9/98
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			mixed brownish dark red, pale grey								2mm vitreous feldspar in grey chip		t					0			1		2	
											white and green feldspar												1	
																							0	
220			pale brn-grey / red-grey								white feldspar, greenish grey mmb more altered than dark brown host		0					2			0		2	
											rare vitreous feldspar as well as green		1					0					0	
240			pale brownish grey								green phenos													
											quartz pheno													
											green phenos, lots of coarse pyrite													
											splinter of quartz pheno?												0	
											greenish, pyritic mmb in orange host												1	
											vitreous and white feldspar													
260											microspherulites(?) in altered rock		1					0			1			
													0					1			0		2	
											mmb, white feldspar													
											mmb with microlites													
280											calcite vein													
			reddish grey																					
300																		2						
		Fp-q? f (mmb)																						
320											2.5mm vitreous feldspar													
											mmb, vitreous, white, and green feldspar													
340											numerous mmb													
360											mmb, grey and white feldspar													
			greyish red																					
380																								
											mmb, white feldspar													
400												0	0	0	0	0	0	2			0	0	2	

Newmont Gold Rotary Form

Hole# RS-408 **Logged by** G. Langstaff **Date** 12/5/88

Area _____ **Coords** _____

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

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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	Mineralogy: Sulfide	Mineralogy: Pyrite	Mineralogy: Marcasite	Mineralogy: Calc/Dolo	Mineralogy: Clay
400												0	0	0	0	0	0	2			0	0	2	
			grayish red								mmb, microhornblende, white feldspar													
420			brownish gray								mmb, dark green and white feldspar?							t						
440											loose quartz pheno							0						
			medium gray								quartz pheno 2 mm													
											mmb w/mirolites													
460											calcite vein		0								0		3	
			v. pale gray										1								1		2	
			med gray								white feldspar, green prisms, mmb		0					t			0			
480											mmb													
		Fp-rz, f (mmb)	brownish gray								mmb, vitreous feldspar													
500																							2	
																		t						
																		1						
520											calcite vein													
540			reddish gray																					
																		1						
																		2					2	
560											calcite vein													
											conspicuous mmb throughout local vitreous feldspar													
											calcite vein													
580			grayish red																					
600												0	0	0	0	0	0	2			0	0		

Hole# RS-408 **Newmont Gold Rotary Form** **Az/Incl** _____ **Page**

Logged by G. Langstaff **Area** Dreamland **Total Depth** _____

Date 12/9/98 **Coords** _____ **Contractor** _____ 4 of ____

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																			2					2	
			greyish red								lots of mmb calcite vein														
620											mmb with microlites, vitreous feldspar, green													2½	
			median grey								green phenos								1 0					2	
640			v. pale grey								twinned vitreous sanidine 2mm		0 1 0						t						
			median grey with red								vitreous feldspar 3mm, mmb 2mm, biotite?													2 1	
660																								2	
680											2mm vitreous feldspar, biotite?, mmb vein calcite														
											2mm vitreous feldspar, mmb														
700											some brecciation														
			reddish grey								vitreous feldspar .5 mm														
											mmb, no? feldspar phenos														
720											red liesegang banding (<1mm)														
											calcite vein			0					t						
											quartz pheno			t					0						
740											numerous mmb (mostly < 4mm), rare feldspar, microhornblende			0										2	
											variable breccia textures 750-765								t					1	
																								0	
760		Fp-(b),g,f(mmb)									breccia veinlets, 3mm vitreous feldspar														
											sandstone in cracks with sharp or brecciated margins														
																								0	
780			medium grey and reddish-brown								unambiguous mmb													2	
		v. pale grey											0 1 0						t 0 t			0 1 0			
											quartz pheno														
800											biotite, vitreous feldspar, mmb														

RDCROTFRM.DOC Revised 3/17/98

Hole# RS-408 **Newmont Gold Rotary Form** **Az/Incl** _____ **Page**

Logged by G. Langstaff **Area** Dreamland **Total Depth** _____

Date 12/5/98 **Coords** _____ **Contractor** _____ 5 of ____

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	Sulfide	Mineralogy: Pyrite	Mineralogy: Marcasite	Mineralogy: Calc/Dolo	Mineralogy: Clay
800		Fp-f (Hard)	medium grey to red-brown									0	0	0	0	0	0	t			0	0	2	
											vitreous feldspar, mmb? <2mm													
											white feldspar, possible mmb													
820											white clay vein													
											815-1067: clearly porphyritic with 2-5% euhedral-subhedral feldspar up to 4mm; feldspar locally in clots													
840																								
860																								
880																								
											thin 3mm feldspar													
900		Fp-f																					2	
											feldspar particularly abundant in this sample, ~5%?													
920																								
											LCMS													
940																								
											5mm single? feldspar												2	
											4mm feldspar clot													
960											calcite vein													
			dark brownish grey																					
980											calcite vein													
1000												0	0	0	0	0	0	t			0	0		

Newmont Gold Rotary Form

Hole# RS-408
Logged by G. Langstaff
Date 12/9/98
Area Dreamland
Coords
Az/Incl
Total Depth
Contractor
Page 6 of

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
1000												0	0	0	0	0	0	t			0	0	2	
1020			dark brownish grey																					
											unit above 1067 quite distinct from that below has 2-5% euhedral-subhedral, white or vitreous feldspar. .5-4mm, locally in clots of 1-2mm crystals												1	
1040																							2	
		Fp-f									vein calcite													
											4mm feldspar; grey chips commonly have 1-2mm vitreous or white feldspar in black-speckled matrix													
1060			median grey and brown								1045-1067: strong pseudobreccia texture													
											2mm vitreous feldspar													
											1067-1078: strong pseudobreccia? with red matrix							t						
			red															2						
1080																		1						
											calcite vein												2	
1100			blue-grey and red								1078-1110: blue-grey hematite alteration with minor bleached splotches and local red hematite							blue-grey					3	
											LCMs												2	
											LCMs							1						
1120											thin 2mm feldspar, mostly vitreous							t						
		Fa or Fsp-f																						
1140											distinct mmb in atypical chip, LCMs mmb?													
1160			medium grey and red								more brecciation with hematite in matrix													
1180			pale greenish grey								chip with coarse pyrite-contamination?		0	0				t			0		2	
													t	1				0			t?		1	
			med. grey & pale green-grey											t							0		2	
1200												0						0						

Hole# RS-408 **Newmont Gold Rotary Form** **Az/Incl** _____ **Page** 7 of ____

Logged by G. Langstaff **Area** Dreamland **Total Depth** _____

Date 12/5/98 **Coords** _____ **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
1200												0	1	1	0	0	0	0			1	0	2	
											caraway seed texture with tiny green lenses										tr			
1220			pale greenish grey																					
													t											
											white feldspar													
1240																								
			medium and pale grey											0									2	
1260													splotchy bleaching								very fine			
1280																		0						
											biotite?		0					tr						
1300		Fsp-(b), f									biotite 1mm												2	
1320			medium grey w/minor red								white feldspar 1.5mm													
											brownish black chips could be mmb													
1340													0	0				tr			0			
																					tr			
													1	1				0						
			v. pale greenish grey										0	0				tr			0		2	
1360											some brecciated chips													
											white feldspar <1mm, brownish-black chip could be mmb													
1380			dark brownish grey																					
											white feldspar, biotite <.05mm													
1400											white feldspar, vein calcite													

Newmont Gold Rotary Form

Hole# RS-408
Logged by G. Langstaff
Date 12/5/98
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	Mineralogy: Sulfide	Mineralogy: Pyrite	Mineralogy: Marcasite	Mineralogy: Calc/Dolo	Mineralogy: Clay
1400		Fgp-tb,f	lt grey								1400 - 1430: chips to small to have mmb + host rock but some darker chips may be mmb	0	0	0	0	0	0	0			0	0	2	
											vein calcite													
1420											darker chips of mmb?													
											white feldspar 2mm													
											end of precollar 1430'													
1440																								
1460																								

Project: ROSEBUD JV Dreamland	State: Nevada	Northing: 2,207,070	Inclination: -90	Total Depth: 1430	Hole No. RS-408	Page 1 of 8
Log'd by: B. Kastelic Date: 11/13/97	County: Pershing	Easting: 477,790	Azimuth: —	Elevation: 5460	Core/Chips(Intervals): Pre-Collar to 1,430 core to 2,269	

Depth (ft.)	GRAPHIC Rock	GRAPHIC Alt/Vn	ROCK Color	ROCK Rock Type	ROCK Grain Size	ROCK Structure (Sed.,Vol.)	PHENOS/LAPILLI/CLASTS %	Size	Shape	Color	Mineral/ Type	ALTERATION Int.	Distrib.	Type	Minerals	VEINS Thick.	Abund.	Selvedge	Minerals	INTERPRETATION Rock Name/ Composition	Formation	Comments (Pre-Collar)	Recovery	Au ppb Assay
			Yell, rd, Brn	Gravel																Alluvium & Colluvium		wt clay, dk gy silica		197
																								849
																								303
20																								84
			Gy→wt	Volc	aph.							M		sil,	wt clay &					Inferred volc.		silicif bl'ched aphanitic rk,		18
			Gy→Yell									M		Blch	Silica							partly silic. + argil.		59
			Purp Gy									W		clay										25
40												W												8
			Gy + Yel.									M												11
												M												78
			Lt Gy												tr py									61
60															Py									126
															"									170
												S			~10% Py									189
												M			Py, sil,									100
80															clay									48
																						Breccia - gy silic matrix, wt argil.		23
																						Clasts, variable py		28
																								43
100																								47
																								42
																								17
																						Lots of Gy clay - fault?		17
120															Si, Py							F.G. Silica w/ dissem Py		17
																								—
																								—
																								—
140																								10
																								9
			Dk rd br									W										Hard dk rd brn aphanitic rk		—
																								—
160																								—
			LT Gy												Bl. Ar, Si,							Bleached, silic & pyritic		—
															Py									11
																								—
180			Dk Rd br																			Hard dk rd un-alt aphanitic rk		—
																								—
																								—
																								—
200																								—

Project: ROSEBUD JV	State: Nevada	Northing:	Inclination:	Total Depth:	Hole No. RS-408	Page 2 of 8
Log'd by: B Kastelic Date: 11-13-97	County: Pershing	Easting:	Azimuth:	Elevation:	Core/Chips(Intervals):	

Depth (ft.)	GRAPHIC Rock	GRAPHIC Alt/Vn	ROCK Color	ROCK Rock Type	ROCK Grain Size	ROCK Structure (Sed.,Vol.)	PHENOS/LAPILLI/CLASTS %	Size	Shape	Color	Mineral/ Type	ALTERATION Int.	Distrib.	Type	Minerals	VEINS Thick.	Abund.	Selvedge	Minerals	INTERPRETATION Rock Name/ Composition	Formation	Comments	Recovery	ppb Au Assay
220			Dk Purp Brn	Volc	aph																	— Bleached		—
			Lt Gy																					—
			Dk Purp Brn																					—
			↓																					—
240			Lt Gy											Blch	silic, py							— Bleached		—
																						— Blch + silic		—
																								—
260			Lt Tan																			-Str silic. w/ diss py		8
																								—
280			Dk Purp Brn																			Un-altd volc. rk		—
																								—
300																								—
																								—
320					f.g.	granular																		—
340																								
360																						tiny mafic phenos/grains		
380																								
400																								

Project: ROSEBUD JV	State: Nevada	Northing:	Inclination:	Total Depth:	Hole No. RS-408	Page 3 of 8
Log'd by: Date:	County: Pershing	Easting:	Azimuth:	Elevation:	Core/Chips(Intervals):	

Depth (ft.)	GRAPHIC Rock	GRAPHIC Alt/Vn	ROCK Color	ROCK Rock Type	ROCK Grain Size	ROCK Structure (Sed.,Vol.)	PHENOS/LAPILLI/CLASTS %	PHENOS/LAPILLI/CLASTS Size	PHENOS/LAPILLI/CLASTS Shape	PHENOS/LAPILLI/CLASTS Color	PHENOS/LAPILLI/CLASTS Mineral/ Type	ALTERATION Int.	ALTERATION Distrib.	ALTERATION Type	ALTERATION Minerals	VEINS Thick.	VEINS Abund.	VEINS Selvedge	VEINS Minerals	INTERPRETATION Rock Name/ Composition	INTERPRETATION Formation	Comments	Recovery	PPb Au Assay
420			Pink Brn	Volc	f.g.	Granular														Latite/Andesite	Choc.			—
440			Gray			Brecciated		3-4 mm	rounded													Lithic clasts - flow bxa? Streaked, flow textures		—
460						Granular																		
480			Lav. Gy			aphanitic																aphanitic massive volc rk		— 36 40 —
500																								— 10 —
520			Brn																			occ'l clasts of lithics		— —
540																								
560																								
580																								14 —
600																								— — — —

Project: ROSEBUD JV	State: Nevada	Northing:	Inclination:	Total Depth:	Hole No. RS-408	Page 4 of 8
Log'd by: RJK Date: 11/14/97	County: Pershing	Easting:	Azimuth:	Elevation:	Core/Chips(Intervals):	

Depth (ft.)	GRAPHIC Rock	GRAPHIC Alt/Vn	ROCK Color	ROCK Rock Type	ROCK Grain Size	ROCK Structure (Sed.,Vol.)	PHENOS/LAPILLI/CLASTS %	PHENOS/LAPILLI/CLASTS Size	PHENOS/LAPILLI/CLASTS Shape	PHENOS/LAPILLI/CLASTS Color	PHENOS/LAPILLI/CLASTS Mineral/ Type	ALTERATION Int.	ALTERATION Distrib.	ALTERATION Type	ALTERATION Minerals	VEINS Thick.	VEINS Abund.	VEINS Selvedge	VEINS Minerals	INTERPRETATION Rock Name/ Composition	INTERPRETATION Formation	Comments	Recovery	rpb Au Assay
620			Brn	Vol.	aph.	massive														Latite/andes		Hard vesicular aph. rk		—
640			Gray																					
660																								
680			Lw. GY																					
700			Brn																					
720																						- flow textures		
740			Gray									W		BL								- v. sl. bleach. (?)		
760				blrn																		- crackle brx		
780																						Clastic texture - flow brx or tuff? Cant tell		
800																								

Project: ROSEBUD JV	State: Nevada	Northing:	Inclination:	Total Depth:	Hole No. RS-408	Page 5 of 8
Log'd by: Date:	County: Pershing	Easting:	Azimuth:	Elevation:	Core/Chips(Intervals):	

Depth (ft.)	GRAPHIC Rock	GRAPHIC Alt/Vn	ROCK Color	ROCK Rock Type	ROCK Grain Size	ROCK Structure (Sed.,Vol.)	PHENOS/LAPILLI/CLASTS %	PHENOS/LAPILLI/CLASTS Size	PHENOS/LAPILLI/CLASTS Shape	PHENOS/LAPILLI/CLASTS Color	PHENOS/LAPILLI/CLASTS Mineral/ Type	ALTERATION Int.	ALTERATION Distrib.	ALTERATION Type	ALTERATION Minerals	VEINS Thick.	VEINS Abund.	VEINS Selvedge	VEINS Minerals	INTERPRETATION Rock Name/ Composition	INTERPRETATION Formation	Comments	Recovery	ppb Au Assay
			GY		aph.															andesite	chor.	aphanitic volc. w/ accl clasts		—
			v.dk GY																			streaked + flowed. Prob flow bxa		—
820																								
840																								
860																								
880																								
900																								
920																								
940																								
960																								
980																								
1000																								

Project: ROSEBUD JV	State: Nevada	Northing:	Inclination:	Total Depth:	Hole No. RS-408	Page 6 of 8
Log'd by: RAK Date: 11/14/97	County: Pershing	Easting:	Azimuth:	Elevation:	Core/Chips(Intervals):	

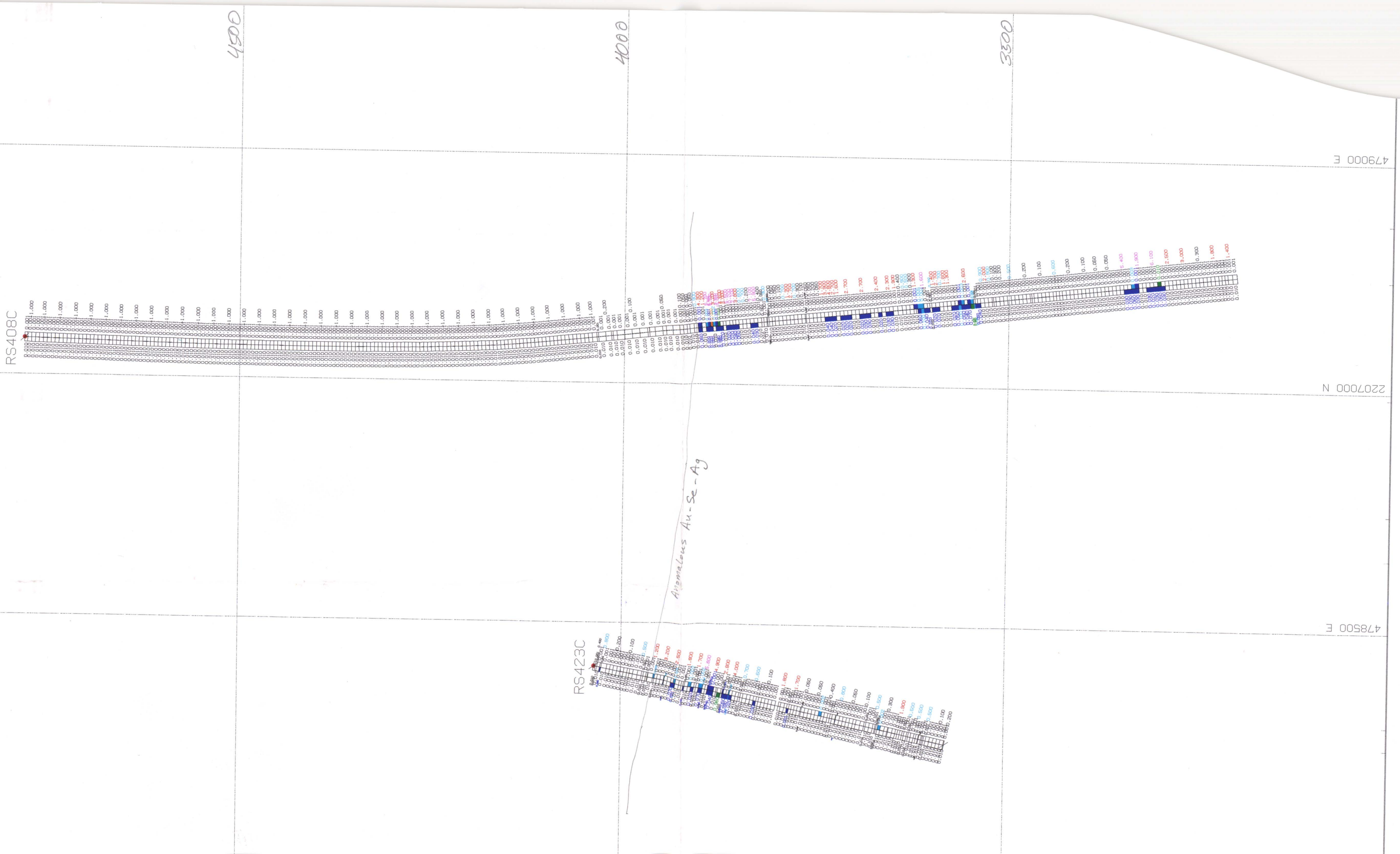
Depth (ft.)	GRAPHIC Rock	GRAPHIC Alt/Vn	ROCK Color	ROCK Rock Type	ROCK Grain Size	ROCK Structure (Sed.,Vol.)	PHENOS/LAPILLI/CLASTS %	Size	Shape	Color	Mineral/ Type	ALTERATION Int.	Distrib.	Type	Minerals	VEINS Thick.	Abund.	Selvedge	Minerals	INTERPRETATION Rock Name/ Composition	Formation	Comments	Recovery	ppb Au Assay
1020			DkGy	Volc	Aph															Andes.	Choc.	aph. rk as above		— — —
1040																								
1060	▷ ○																					Breccia - Cyclasts brn matrix Poss. flow (?)		
1080	▷ ▷ ▷ ▷		Brn																					
1100			Gray																			aph. massive rk		
1120			BrnGy																			more felsic than above		
1140																								
1160																								
1180		○ △ ▷																				Breccia		
1200			Lt Grn GY GrnGy BrnGy									M W W		BL								- bleached ?		

Project: ROSEBUD JV	State: Nevada	Northing:	Inclination:	Total Depth:	Hole No. RS-408	Page 7 of 8
Log'd by: RLK Date: 11/14/97	County: Pershing	Easting:	Azimuth:	Elevation:	Core/Chips(Intervals):	

Depth (ft.)	GRAPHIC Rock	GRAPHIC Alt/Vn	ROCK Color	ROCK Rock Type	ROCK Grain Size	ROCK Structure (Sed.,Vol.)	PHENOS/LAPILLI/CLASTS %	Size	Shape	Color	Mineral/ Type	ALTERATION Int.	Distrib.	Type	Minerals	VEINS Thick.	Abund.	Selvedge	Minerals	INTERPRETATION Rock Name/ Composition	Formation	Comments	Recovery	ppb Au Assay
1220			Lt Grn		aph.	Vol						m	Perv.	Blch								Bleached rk as above OR felsic rock type. massive, aphanitic, no altn other than bleaching.		
1240																								
1260			Grn+Gy									w	Partial									mix of Lt Grn & Gy. Bleaching is alt'n, some chips show both Gy and Lt Grn, partial bleach.		
1280																								
1300			Gy																			un alt Gy massive aph. rk		
1320																								
1340																								
1360			Lt Grn+Gy Brn+Gy									w m		Blch										
1380																								
1400			Dk brn																					

Project: ROSEBUD JV	State: Nevada	Northing:	Inclination:	Total Depth: 1430	Hole No. RS-408	Page 8 of 8
Log'd by: RAK Date: 11/14/97	County: Pershing	Easting:	Azimuth:	Elevation:	Core/Chips(Intervals): RC 0-1430'	

Depth (ft.)	GRAPHIC Rock	GRAPHIC Alt/Vn	ROCK Color	ROCK Rock Type	ROCK Grain Size	ROCK Structure (Sed.,Vol.)	PHENOS/LAPILLI/CLASTS %	PHENOS/LAPILLI/CLASTS Size	PHENOS/LAPILLI/CLASTS Shape	PHENOS/LAPILLI/CLASTS Color	PHENOS/LAPILLI/CLASTS Mineral/ Type	ALTERATION Int.	ALTERATION Distrib.	ALTERATION Type	ALTERATION Minerals	VEINS Thick.	VEINS Abund.	VEINS Selvedge	VEINS Minerals	INTERPRETATION Rock Name/ Composition	INTERPRETATION Formation	Comments	Recovery	ppb Au Assay
			Gray	vol	aph																	Gy massive aph. volc rk m-alt'd		
1420																								
1440																						Pre-Collar TD 1430'		


4500
4000
3500
479000 E
478500 E
2207000 N
RS408C
RS423C
Aleonalous Au-Se-Ag

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	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
	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	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 EXPLORATION*
CLIENT REF: ROSEBUD EXPLORATION
AAL REF: SP046653
METHOD: AAL 01-2

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	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm
RS-408 0000-0020	3.2	0.72	16	8	133	< 3	0.21	< .2	2	9	11	2.2	225	0.34	18	0.08	199	2	0.05	5	0.012	35	7	40	7	< .01	< 8	8	< 2	23
RS-408 0020-0040	< .3	0.68	6	4	138	< 3	0.07	< .2	1	6	8	2.06	30	0.45	18	0.02	97	2	0.08	2	0.019	74	3	62	7	< .01	< 8	2	< 2	29
RS-408 0040-0060	0.4	0.57	8	4	52	< 3	0.03	0.5	1	8	8	2.3	740	0.38	17	0.01	75	2	0.04	3	0.014	46	5	31	8	< .01	< 8	1	< 2	55
RS-408 0060-0080	1.1	0.77	21	3	46	< 3	0.11	< .2	2	6	8	1.54	1280	0.22	23	0.01	289	4	0.01	2	0.024	44	10	31	8	< .01	< 8	2	< 2	154
RS-408 0080-0100	< .3	0.54	27	< 3	34	< 3	0.28	< .2	1	4	5	2.2	775	0.24	26	0.02	1516	2	0.01	2	0.024	39	9	12	9	< .01	< 8	2	< 2	153
RS-408 0100-0120	< .3	0.37	7	< 3	34	< 3	1.57	< .2	2	5	5	2.14	330	0.16	21	0.02	929	2	0.01	2	0.02	23	5	47	8	< .01	< 8	2	< 2	95
RS-408 0120-0140	< .3	0.37	14	3	25	< 3	0.65	< .2	2	6	8	2.43	155	0.14	19	0.03	739	1	0.02	2	0.017	27	5	30	7	< .01	< 8	1	< 2	93
RS-408 0140-0160	< .3	0.39	9	3	38	< 3	1.53	< .2	2	7	6	2.23	90	0.13	21	0.05	1051	1	0.02	2	0.021	18	4	69	8	0.01	< 8	3	< 2	82
RS-408 0160-0180	< .3	0.38	10	< 3	36	< 3	0.91	< .2	1	4	6	2.15	175	0.15	21	0.03	501	1	0.02	2	0.018	16	4	41	9	< .01	< 8	1	< 2	64
RS-408 0180-0200	< .3	0.42	3	< 3	20	< 3	1.54	< .2	1	7	9	2.41	30	0.15	22	0.07	945	2	0.02	3	0.017	21	< 3	64	9	0.02	< 8	4	2	59
RS-408 0200-0220	< .3	0.44	7	4	30	< 3	0.83	< .2	1	5	7	2.17	110	0.16	23	0.08	1167	1	0.02	3	0.019	21	5	44	9	< .01	< 8	3	< 2	79
RS-408 0220-0240	< .3	1.2	12	3	56	< 3	0.34	< .2	1	6	8	2.04	275	0.34	24	0.03	531	1	0.03	3	0.014	22	5	40	10	< .01	< 8	3	< 2	85
RS-408 0240-0260	< .3	0.79	18	< 3	35	< 3	0.21	< .2	2	7	13	2.66	500	0.19	20	0.01	265	3	0.02	3	0.017	46	8	23	8	< .01	< 8	3	< 2	85
RS-408 0260-0280	< .3	0.85	4	3	38	< 3	1.46	0.2	1	6	8	2.18	55	0.26	22	0.04	886	2	0.05	2	0.018	21	3	68	9	0.02	< 8	3	3	78
RS-408 0280-0300	< .3	0.61	3	3	33	< 3	1.32	< .2	1	5	5	2.1	< 10	0.19	22	0.05	656	2	0.05	2	0.016	34	< 3	80	9	0.02	< 8	7	< 2	65
RS-408 0300-0320	< .3	0.56	5	< 3	24	< 3	1.17	< .2	1	5	6	2.18	10	0.17	20	0.04	527	4	0.07	2	0.015	17	< 3	96	9	0.02	< 8	3	2	73
RS-408 0320-0340	< .3	0.52	4	4	33	< 3	1.02	< .2	1	6	6	2.23	< 10	0.15	21	0.04	499	1	0.08	2	0.015	18	< 3	108	9	0.02	< 8	4	< 2	74
RS-408 0340-0360	< .3	0.59	4	4	40	< 3	1.01	< .2	1	5	4	2.16	< 10	0.18	22	0.04	552	2	0.1	2	0.016	20	< 3	109	9	0.02	< 8	5	< 2	82
RS-408 0360-0380	< .3	0.53	3	< 3	33	< 3	1.24	< .2	1	4	8	2.29	15	0.17	23	0.04	716	2	0.1	2	0.016	16	< 3	119	9	0.02	< 8	5	< 2	94
RS-408 0380-0400	< .3	0.52	4	< 3	34	< 3	1.64	0.2	1	5	5	2.24	< 10	0.16	22	0.04	891	1	0.08	2	0.014	19	< 3	138	10	0.02	< 8	3	< 2	95
RS-408 0400-0420	< .3	0.48	5	3	23	< 3	0.95	< .2	1	5	7	2.28	< 10	0.15	21	0.04	451	5	0.07	3	0.013	15	< 3	111	10	0.02	< 8	3	< 2	90
RS-408 0420-0440	< .3	0.46	3	3	21	< 3	1.17	< .2	1	4	5	2.01	< 10	0.14	24	0.04	411	1	0.06	2	0.015	26	< 3	117	9	0.02	< 8	4	< 2	71
RS-408 0440-0460	< .3	0.3	2	< 3	17	< 3	2.33	< .2	1	2	3	1.73	< 10	0.1	25	0.03	933	1	0.04	< 1	0.018	48	< 3	133	10	0.02	< 8	5	< 2	70
RS-408 0460-0480	< .3	0.45	8	3	75	< 3	1.19	< .2	1	3	7	2.31	325	0.16	24	0.02	571	2	0.04	2	0.017	41	5	87	9	0.01	< 8	4	< 2	90
RS-408 0480-0500	< .3	0.57	5	4	63	< 3	0.62	< .2	2	6	8	2.31	135	0.19	23	0.02	431	1	0.05	2	0.018	45	4	80	9	0.02	< 8	4	< 2	91
RS-408 0500-0520	< .3	0.61	5	< 3	32	< 3	0.87	< .2	2	5	7	2.3	15	0.19	23	0.03	507	3	0.08	2	0.018	29	5	109	10	0.02	< 8	4	< 2	89
RS-408 0520-0540	< .3	0.76	7	5	39	< 3	1.16	< .2	2	9	12	2.53	10	0.22	22	0.04	629	2	0.11	4	0.015	20	3	124	9	0.02	< 8	4	< 2	76
RS-408 0540-0560	< .3	0.46	8	4	24	< 3	0.76	< .2	2	8	13	2.55	< 10	0.14	21	0.03	439	3	0.09	5	0.015	19	< 3	135	9	0.02	< 8	4	< 2	79
RS-408 0560-0580	< .3	0.61	8	3	29	< 3	0.97	< .2	2	8	13	2.47	15	0.19	22	0.04	551	2	0.1	4	0.018	22	7	157	9	0.02	< 8	4	< 2	76
RS-408 0580-0600	< .3	0.61	9	< 3	30	< 3	1.04	< .2	2	6	10	2.56	< 10	0.19	22	0.07	731	4	0.11	3	0.017	20	< 3	162	9	0.02	< 8	5	< 2	78
RS-408 0600-0620	< .3	0.64	6	4	32	< 3	0.56	< .2	2	7	12	2.59	< 10	0.21	23	0.04	413	2	0.11	5	0.016	19	< 3	148	9	0.02	< 8	5	< 2	80
RS-408 0620-0640	< .3	0.65	5	3	36	< 3	0.71	< .2	1	5	9	2.15	695	0.21	30	0.04	357	2	0.09	2	0.018	22	3	170	11	0.02	9	6	< 2	86
RS-408 0640-0660	< .3	0.67	6	3	31	< 3	0.93	< .2	1	4	6	2.17	450	0.21	26	0.04	475	1	0.08	2	0.016	30	4	171	9	0.01	< 8	3	< 2	72
RS-408 0660-0680	< .3	0.64	3	4	32	< 3	0.42	< .2	1	5	11	2.38	425	0.19	23	0.03	329	4	0.09	2	0.014	33	4	162	9	0.02	< 8	3	< 2	76
STANDARD C3	5.6	1.86	53	22	145	19	0.58	22.8	12	175	65	3.32	960	0.16	20	0.58	751	25	0.04	36	0.084	39	14	29	18	0.09	22	80	17	152

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CLIENT: *NEWMONT EXPLORATION*
CLIENT REF: ROSEBUD EXPLORATION
AAL REF: SP046653
METHOD: AAL 01-2

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	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm
STANDARD G-1	< .3	1.04	< 2	3	261	< 3	0.61	< .2	5	96	4	2.16	< 10	0.51	8	0.65	598	2	0.06	9	0.076	4	< 3	67	3	0.15	< 8	43	< 2	45
RS-408 0680-0700	< .3	0.66	3	4	43	< 3	1.9	0.4	2	6	10	2.21	20	0.19	24	0.12	1823	1	0.1	2	0.014	16	< 3	208	11	0.01	< 8	4	< 2	89
RS-408 0700-0720	< .3	0.6	4	4	39	< 3	0.91	< .2	2	9	11	2.49	15	0.18	20	0.04	1171	2	0.09	2	0.012	18	< 3	163	10	0.01	< 8	3	< 2	81
RS-408 0720-0740	< .3	0.69	2	< 3	28	< 3	1.21	< .2	1	7	11	2.11	250	0.19	20	0.03	839	1	0.07	2	0.012	21	3	166	9	0.01	< 8	3	< 2	73
RS-408 0740-0760	< .3	0.58	2	3	35	< 3	0.36	< .2	2	9	10	2.39	330	0.18	25	0.02	342	1	0.08	2	0.013	23	3	127	11	0.01	< 8	4	2	68
RS-408 0760-0780	< .3	0.57	2	3	45	< 3	0.42	< .2	1	6	7	2.22	1100	0.16	25	0.02	329	1	0.07	2	0.012	14	3	120	10	0.02	< 8	7	2	62
RS-408 0780-0800	< .3	0.57	5	3	55	< 3	0.76	< .2	2	8	14	2.65	185	0.16	21	0.03	600	2	0.07	3	0.016	22	3	133	9	0.01	< 8	5	< 2	81
RS-408 0800-0820	< .3	0.62	2	< 3	47	< 3	0.74	< .2	4	11	10	3.01	15	0.14	23	0.06	476	2	0.09	3	0.037	22	< 3	179	8	0.02	< 8	18	2	63
RS-408 0820-0840	< .3	0.75	2	3	85	< 3	1.09	0.2	6	15	13	3.86	15	0.16	26	0.09	496	2	0.09	4	0.076	25	< 3	220	8	0.05	< 8	36	2	76
RS-408 0840-0860	< .3	0.62	3	< 3	77	< 3	0.95	0.2	6	15	13	3.8	15	0.15	26	0.08	580	2	0.11	5	0.064	21	< 3	186	8	0.04	< 8	29	2	75
RS-408 0860-0880	< .3	0.82	3	5	80	< 3	1.34	< .2	8	19	16	4.79	< 10	0.18	27	0.13	874	2	0.12	6	0.099	17	< 3	193	7	0.07	< 8	45	< 2	86
RS-408 0880-0900	< .3	0.7	3	3	62	< 3	1.48	< .2	8	15	12	4.28	< 10	0.14	26	0.12	764	3	0.09	5	0.097	12	< 3	213	7	0.04	< 8	44	2	66
RS-408 0900-0920	< .3	0.74	3	< 3	44	< 3	1.27	< .2	9	17	12	4.25	< 10	0.15	26	0.13	538	2	0.08	5	0.101	7	< 3	216	6	0.04	< 8	45	< 2	63
RS-408 0920-0940	0.3	0.77	3	6	105	< 3	1.45	< .2	10	18	14	4.32	< 10	0.14	25	0.16	664	1	0.09	6	0.102	13	< 3	196	6	0.04	< 8	47	< 2	69
RS-408 0940-0960	< .3	0.69	< 2	6	70	< 3	1.49	< .2	10	18	15	4.57	15	0.13	25	0.14	805	1	0.08	7	0.107	14	< 3	187	6	0.04	< 8	48	2	70
RS-408 0960-0980	< .3	0.74	2	5	73	< 3	1.38	< .2	9	15	13	4.21	< 10	0.14	25	0.16	632	1	0.08	5	0.106	10	< 3	191	6	0.04	< 8	45	< 2	63
RS-408 0980-1000	< .3	0.71	2	6	51	< 3	1.31	< .2	7	14	13	3.81	< 10	0.17	26	0.13	517	1	0.07	5	0.104	11	< 3	187	7	0.03	< 8	40	< 2	59
RS-408 1000-1020	< .3	1.03	2	4	81	< 3	1.79	0.2	7	13	12	3.53	< 10	0.28	27	0.17	715	2	0.1	4	0.101	13	< 3	224	6	0.04	< 8	40	< 2	75
RS-408 1020-1040	< .3	0.93	2	4	367	< 3	1.32	< .2	5	11	10	3.01	< 10	0.28	33	0.13	391	2	0.1	2	0.1	14	< 3	260	7	0.03	< 8	29	< 2	68
RS-408 1040-1060	< .3	0.86	2	3	69	< 3	2.02	0.3	3	6	8	2.54	< 10	0.28	33	0.08	551	2	0.07	1	0.108	17	< 3	256	9	0.01	< 8	25	< 2	39
RS-408 1060-1080	< .3	0.82	3	4	112	< 3	1.28	< .2	2	7	7	2.43	< 10	0.29	32	0.04	358	1	0.08	2	0.073	19	< 3	187	10	0.02	< 8	10	< 2	38
RS-408 1080-1100	< .3	0.63	11	< 3	73	< 3	1.88	< .2	1	7	7	2.52	< 10	0.25	26	0.04	856	1	0.08	1	0.042	20	< 3	147	8	0.02	< 8	1	< 2	43
RS-408 1100-1120	< .3	0.61	7	5	89	< 3	1.25	< .2	2	11	11	2.64	75	0.25	33	0.04	667	3	0.07	2	0.019	25	< 3	122	9	0.02	< 8	2	< 2	47
RS-408 1120-1140	< .3	0.54	2	3	83	< 3	1.13	< .2	1	10	10	2.1	15	0.27	39	0.03	473	2	0.08	2	0.026	34	< 3	132	10	0.02	< 8	1	< 2	32
RS-408 1140-1160	< .3	0.52	< 2	3	96	< 3	1.24	< .2	1	25	17	2.1	20	0.25	37	0.03	536	4	0.07	3	0.033	71	< 3	129	10	0.02	< 8	1	< 2	43
RS-408 1160-1180	< .3	0.5	11	< 3	145	< 3	0.52	< .2	1	11	11	2.75	45	0.24	31	0.02	353	2	0.08	2	0.021	23	< 3	114	8	0.02	< 8	1	2	29
RS-408 1180-1200	< .3	0.65	19	3	55	< 3	0.7	< .2	1	11	9	3.05	75	0.29	29	0.03	648	2	0.09	2	0.031	23	< 3	144	7	0.01	< 8	1	< 2	33
RS-408 1200-1220	< .3	0.77	8	4	280	< 3	0.53	< .2	2	18	10	2.05	30	0.26	38	0.05	404	5	0.09	3	0.031	31	< 3	123	10	< .01	< 8	1	< 2	63
RS-408 1220-1240	< .3	1.07	3	4	476	< 3	1.17	< .2	2	10	9	2.51	25	0.27	33	0.06	912	3	0.09	3	0.029	20	< 3	161	9	< .01	< 8	1	< 2	80
RS-408 1240-1260	< .3	1.07	3	3	111	< 3	1.21	< .2	2	9	7	2.65	10	0.3	35	0.05	1010	2	0.1	3	0.034	27	< 3	121	9	0.01	< 8	1	< 2	77
RS-408 1260-1280	< .3	0.82	4	< 3	106	< 3	1.05	< .2	2	12	10	2.22	95	0.32	36	0.04	505	3	0.11	3	0.036	34	< 3	132	9	0.01	< 8	1	< 2	70
RS-408 1280-1300	< .3	0.51	2	4	62	< 3	1.02	< .2	1	12	9	2.54	< 10	0.26	38	0.02	307	2	0.08	3	0.024	18	< 3	155	9	0.03	< 8	1	2	21
RS-408 1300-1320	< .3	0.5	2	4	60	< 3	1.08	< .2	1	11	9	1.99	10	0.25	41	0.03	349	4	0.08	2	0.024	18	< 3	165	9	0.02	< 8	1	< 2	21
RS-408 1320-1340	0.3	0.53	2	3	64	< 3	0.79	< .2	1	13	10	2.78	< 10	0.26	40	0.03	449	2	0.08	2	0.025	16	< 3	148	9	0.04	< 8	1	2	22
RS-408 1340-1360	< .3	0.56	2	3	111	< 3	1.19	0.2	2	10	9	1.94	20	0.28	38	0.03	566	5	0.07	2	0.025	20	< 3	186	7	0.02	< 8	2	< 2	33

AMERICAN ASSAY LABORATORIES
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CLIENT: *NEWMONT EXPLORATION*
CLIENT REF: ROSEBUD EXPLORATION
AAL REF: SP046653
METHOD: AAL 01-2

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	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm
STANDARD C3	5.8	1.85	52	19	153	20	0.57	22	12	171	66	3.34	940	0.16	19	0.57	737	26	0.04	37	0.081	38	14	29	18	0.09	19	80	15	150
STANDARD G-1	< .3	1.06	< 2	4	289	< 3	0.62	< .2	5	99	3	2.21	< 10	0.51	8	0.66	606	2	0.06	9	0.076	3	< 3	68	4	0.16	< 8	44	< 2	46
RS-408 1360-1380	< .3	0.62	7	< 3	83	< 3	1.16	< .2	1	13	9	1.57	15	0.29	39	0.04	441	3	0.08	3	0.037	15	< 3	181	6	0.01	< 8	1	< 2	28
RS-408 1380-1400	< .3	0.74	3	4	110	< 3	1.18	0.2	1	18	11	2.34	10	0.36	38	0.05	464	3	0.08	4	0.026	21	< 3	190	6	0.02	< 8	1	< 2	34
RS-408 1400-1420	< .3	0.88	2	< 3	78	< 3	1.23	< .2	1	11	7	2.09	< 10	0.46	37	0.07	490	2	0.08	3	0.022	21	< 3	168	5	0.03	< 8	1	< 2	31
RS-408 1420-1430	< .3	0.84	2	< 3	146	< 3	1.21	0.2	1	11	11	2.1	< 10	0.44	36	0.07	418	2	0.09	4	0.028	20	< 3	151	4	0.02	< 8	2	< 2	31

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ANALYSIS REPORT SP046653

American Assay Laboratories

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NEWMONT GOLD COMPANY

COPIES TO : CHARLOTTE BALLEW
: RICK LISLE
: RANDY VANCE
: KURT ALLEN

CLIENT REFERENCE No: RS-408 RECEIVED : 7 OCT 1997

No. SAMPLES : 286 REPORTED : 7 OCT 1997

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

SIGNATORY : Susan King M.S.

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ANALYSIS REPORT SP046653

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
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REFERENCE : RS-408

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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-408 0000-0005	197		0.006		3.1	0.09
RS-408 0005-0010	849		0.025		5.9	0.17
RS-408 0010-0015	303		0.009		3.8	0.11
RS-408 0015-0020	84		0.002		1.1	0.03
RS-408 0020-0025	18		<0.001		<0.5	<0.02
RS-408 0025-0030	59		0.002		<0.5	<0.02
RS-408 0030-0035	25		<0.001		<0.5	<0.02
RS-408 0035-0040	8		<0.001		<0.5	<0.02
RS-408 0040-0045	11		<0.001		<0.5	<0.02
RS-408 0045-0050	78		0.002		<0.5	<0.02
RS-408 0050-0055	61	60	0.002	0.002	0.5	<0.02
RS-408 0055-0060	126	126	0.004	0.004	0.6	<0.02
RS-408 0060-0065	170	170	0.005	0.005	1.2	0.04
RS-408 0065-0070	189	190	0.006	0.006	1.6	0.05
RS-408 0070-0075	100		0.003		1.0	0.03
RS-408 0075-0080	48		0.001		0.5	<0.02
RS-408 0080-0085	23		<0.001		<0.5	<0.02
RS-408 0085-0090	28		<0.001		<0.5	<0.02
RS-408 0090-0095	43		0.001		<0.5	<0.02
RS-408 0095-0100	47		0.001		<0.5	<0.02
RS-408 0100-0105	42		0.001		<0.5	<0.02
RS-408 0105-0110	17		<0.001		<0.5	<0.02
RS-408 0110-0115	17		<0.001		<0.5	<0.02
RS-408 0115-0120	17		<0.001		<0.5	<0.02
RS-408 0120-0125	<5		<0.001		<0.5	<0.02

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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-408 0125-0130	<5		<0.001		<0.5	<0.02
RS-408 0130-0135	<5		<0.001		<0.5	<0.02
RS-408 0135-0140	10		<0.001		<0.5	<0.02
RS-408 0140-0145	9		<0.001		<0.5	<0.02
RS-408 0145-0150	<5		<0.001		<0.5	<0.02
RS-408 0150-0155	<5		<0.001		<0.5	<0.02
RS-408 0155-0160	<5		<0.001		<0.5	<0.02
RS-408 0160-0165	<5		<0.001		<0.5	<0.02
RS-408 0165-0170	11		<0.001		<0.5	<0.02
RS-408 0170-0175	<5		<0.001		<0.5	<0.02
RS-408 0175-0180	<5		<0.001		<0.5	<0.02
RS-408 0180-0185	<5		<0.001		<0.5	<0.02
RS-408 0185-0190	<5		<0.001		<0.5	<0.02
RS-408 0190-0195	<5		<0.001		<0.5	<0.02
RS-408 0195-0200	<5		<0.001		<0.5	<0.02
RS-408 0200-0205	<5		<0.001		<0.5	<0.02
RS-408 0205-0210	<5		<0.001		<0.5	<0.02
RS-408 0210-0215	<5		<0.001		<0.5	<0.02
RS-408 0215-0220	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-408 0220-0225	<5		<0.001		<0.5	<0.02
RS-408 0225-0230	<5		<0.001		<0.5	<0.02
RS-408 0230-0235	<5		<0.001		<0.5	<0.02
RS-408 0235-0240	<5		<0.001		<0.5	<0.02
RS-408 0240-0245	<5		<0.001		<0.5	<0.02
RS-408 0245-0250	<5		<0.001		<0.5	<0.02

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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-408 0250-0255	8		<0.001		<0.5	<0.02
RS-408 0255-0260	<5		<0.001		<0.5	<0.02
RS-408 0260-0265	<5		<0.001		<0.5	<0.02
RS-408 0265-0270	<5		<0.001		<0.5	<0.02
RS-408 0270-0275	<5		<0.001		<0.5	<0.02
RS-408 0275-0280	<5		<0.001		<0.5	<0.02
RS-408 0280-0285	<5		<0.001		<0.5	<0.02
RS-408 0285-0290	<5		<0.001		<0.5	<0.02
RS-408 0290-0295	<5		<0.001		<0.5	<0.02
RS-408 0295-0300	<5		<0.001		<0.5	<0.02
RS-408 0300-0305	<5		<0.001		<0.5	<0.02
RS-408 0305-0310	<5		<0.001		<0.5	<0.02
RS-408 0310-0315	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-408 0315-0320	<5		<0.001		<0.5	<0.02
RS-408 0320-0325	<5		<0.001		<0.5	<0.02
RS-408 0325-0330	<5		<0.001		<0.5	<0.02
RS-408 0330-0335	<5		<0.001		<0.5	<0.02
RS-408 0335-0340	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-408 0340-0345	<5		<0.001		<0.5	<0.02
RS-408 0345-0350	<5		<0.001		<0.5	<0.02
RS-408 0350-0355	<5		<0.001		<0.5	<0.02
RS-408 0355-0360	<5		<0.001		<0.5	<0.02
RS-408 0360-0365	<5		<0.001		<0.5	<0.02
RS-408 0365-0370	<5		<0.001		<0.5	<0.02
RS-408 0370-0375	<5		<0.001		<0.5	<0.02

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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-408 0375-0380	<5		<0.001		<0.5	<0.02
RS-408 0380-0385	<5		<0.001		<0.5	<0.02
RS-408 0385-0390	<5		<0.001		<0.5	<0.02
RS-408 0390-0395	<5		<0.001		<0.5	<0.02
RS-408 0395-0400	<5		<0.001		<0.5	<0.02
RS-408 0400-0405	<5		<0.001		<0.5	<0.02
RS-408 0405-0410	<5		<0.001		<0.5	<0.02
RS-408 0410-0415	<5		<0.001		<0.5	<0.02
RS-408 0415-0420	<5		<0.001		<0.5	<0.02
RS-408 0420-0425	<5		<0.001		<0.5	<0.02
RS-408 0425-0430	<5		<0.001		<0.5	<0.02
RS-408 0430-0435	<5		<0.001		<0.5	<0.02
RS-408 0435-0440	<5		<0.001		<0.5	<0.02
RS-408 0440-0445	<5		<0.001		<0.5	<0.02
RS-408 0445-0450	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-408 0450-0455	<5		<0.001		<0.5	<0.02
RS-408 0455-0460	<5		<0.001		<0.5	<0.02
RS-408 0460-0465	<5		<0.001		<0.5	<0.02
RS-408 0465-0470	36		0.001		<0.5	<0.02
RS-408 0470-0475	40		0.001		<0.5	<0.02
RS-408 0475-0480	<5		<0.001		<0.5	<0.02
RS-408 0480-0485	<5		<0.001		<0.5	<0.02
RS-408 0485-0490	10		<0.001		<0.5	<0.02
RS-408 0490-0495	<5		<0.001		<0.5	<0.02
RS-408 0495-0500	<5		<0.001		<0.5	<0.02

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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-408 0500-0505	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-408 0505-0510	<5		<0.001		<0.5	<0.02
RS-408 0510-0515	<5		<0.001		<0.5	<0.02
RS-408 0515-0520	<5		<0.001		<0.5	<0.02
RS-408 0520-0525	<5		<0.001		<0.5	<0.02
RS-408 0525-0530	<5		<0.001		<0.5	<0.02
RS-408 0530-0535	<5		<0.001		<0.5	<0.02
RS-408 0535-0540	<5		<0.001		<0.5	<0.02
RS-408 0540-0545	<5		<0.001		<0.5	<0.02
RS-408 0545-0550	<5		<0.001		<0.5	<0.02
RS-408 0550-0555	<5		<0.001		<0.5	<0.02
RS-408 0555-0560	<5		<0.001		<0.5	<0.02
RS-408 0560-0565	<5		<0.001		<0.5	<0.02
RS-408 0565-0570	<5		<0.001		<0.5	<0.02
RS-408 0570-0575	14		<0.001		<0.5	<0.02
RS-408 0575-0580	<5		<0.001		<0.5	<0.02
RS-408 0580-0585	<5		<0.001		<0.5	<0.02
RS-408 0585-0590	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-408 0590-0595	<5		<0.001		<0.5	<0.02
RS-408 0595-0600	<5		<0.001		<0.5	<0.02
RS-408 0600-0605	<5		<0.001		<0.5	<0.02
RS-408 0605-0610	<5		<0.001		<0.5	<0.02
RS-408 0610-0615	<5		<0.001		<0.5	<0.02
RS-408 0615-0620	<5		<0.001		<0.5	<0.02
RS-408 0620-0625	<5		<0.001		<0.5	<0.02

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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-408 0625-0630	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-408 0630-0635	<5		<0.001		<0.5	<0.02
RS-408 0635-0640	<5		<0.001		<0.5	<0.02
RS-408 0640-0645	<5		<0.001		<0.5	<0.02
RS-408 0645-0650	<5		<0.001		<0.5	<0.02
RS-408 0650-0655	<5		<0.001		<0.5	<0.02
RS-408 0655-0660	<5		<0.001		<0.5	<0.02
RS-408 0660-0665	<5		<0.001		<0.5	<0.02
RS-408 0665-0670	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-408 0670-0675	<5		<0.001		<0.5	<0.02
RS-408 0675-0680	<5		<0.001		<0.5	<0.02
RS-408 0680-0685	<5		<0.001		<0.5	<0.02
RS-408 0685-0690	<5		<0.001		<0.5	<0.02
RS-408 0690-0695	<5		<0.001		<0.5	<0.02
RS-408 0695-0700	<5		<0.001		<0.5	<0.02
RS-408 0700-0705	<5		<0.001		<0.5	<0.02
RS-408 0705-0710	<5		<0.001		<0.5	<0.02
RS-408 0710-0715	<5		<0.001		<0.5	<0.02
RS-408 0715-0720	<5		<0.001		<0.5	<0.02
RS-408 0720-0725	<5		<0.001		<0.5	<0.02
RS-408 0725-0730	<5		<0.001		<0.5	<0.02
RS-408 0730-0735	<5		<0.001		<0.5	<0.02
RS-408 0735-0740	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-408 0740-0745	<5		<0.001		<0.5	<0.02
RS-408 0745-0750	<5		<0.001		<0.5	<0.02

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP046653

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-408

REPORTED : 7 OCT 1997

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-408 0750-0755	<5		<0.001		<0.5	<0.02
RS-408 0755-0760	<5		<0.001		<0.5	<0.02
RS-408 0760-0765	<5		<0.001		<0.5	<0.02
RS-408 0765-0770	<5		<0.001		<0.5	<0.02
RS-408 0770-0775	<5		<0.001		<0.5	<0.02
RS-408 0775-0780	<5		<0.001		<0.5	<0.02
RS-408 0780-0785	<5		<0.001		<0.5	<0.02
RS-408 0785-0790	<5		<0.001		<0.5	<0.02
RS-408 0790-0795	<5		<0.001		<0.5	<0.02
RS-408 0795-0800	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-408 0800-0805	<5		<0.001		<0.5	<0.02
RS-408 0805-0810	<5		<0.001		<0.5	<0.02
RS-408 0810-0815	<5		<0.001		<0.5	<0.02
RS-408 0815-0820	<5		<0.001		<0.5	<0.02
RS-408 0820-0825	<5		<0.001		<0.5	<0.02
RS-408 0825-0830	<5		<0.001		<0.5	<0.02
RS-408 0830-0835	<5		<0.001		<0.5	<0.02
RS-408 0835-0840	<5		<0.001		<0.5	<0.02
RS-408 0840-0845	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-408 0845-0850	<5		<0.001		<0.5	<0.02
RS-408 0850-0855	<5		<0.001		<0.5	<0.02
RS-408 0855-0860	<5		<0.001		<0.5	<0.02
RS-408 0860-0865	<5		<0.001		<0.5	<0.02
RS-408 0865-0870	<5		<0.001		<0.5	<0.02
RS-408 0870-0875	<5		<0.001		<0.5	<0.02

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP046653

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-408

REPORTED : 7 OCT 1997

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-408 0875-0880	<5		<0.001		<0.5	<0.02
RS-408 0880-0885	<5		<0.001		<0.5	<0.02
RS-408 0885-0890	<5		<0.001		<0.5	<0.02
RS-408 0890-0895	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-408 0895-0900	<5		<0.001		<0.5	<0.02
RS-408 0900-0905	<5		<0.001		<0.5	<0.02
RS-408 0905-0910	<5		<0.001		<0.5	<0.02
RS-408 0910-0915	<5		<0.001		<0.5	<0.02
RS-408 0915-0920	<5		<0.001		<0.5	<0.02
RS-408 0920-0925	<5		<0.001		<0.5	<0.02
RS-408 0925-0930	<5		<0.001		<0.5	<0.02
RS-408 0930-0935	<5		<0.001		<0.5	<0.02
RS-408 0935-0940	<5		<0.001		<0.5	<0.02
RS-408 0940-0945	<5		<0.001		<0.5	<0.02
RS-408 0945-0950	<5		<0.001		<0.5	<0.02
RS-408 0950-0955	<5		<0.001		<0.5	<0.02
RS-408 0955-0960	<5		<0.001		<0.5	<0.02
RS-408 0960-0965	<5		<0.001		<0.5	<0.02
RS-408 0965-0970	<5		<0.001		<0.5	<0.02
RS-408 0970-0975	<5		<0.001		<0.5	<0.02
RS-408 0975-0980	<5		<0.001		<0.5	<0.02
RS-408 0980-0985	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-408 0985-0990	<5		<0.001		<0.5	<0.02
RS-408 0990-0995	<5		<0.001		<0.5	<0.02
RS-408 0995-1000	<5		<0.001		<0.5	<0.02

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP046653

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-408

REPORTED : 7 OCT 1997

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-408 1000-1005	<5		<0.001		<0.5	<0.02
RS-408 1005-1010	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-408 1010-1015	<5		<0.001		<0.5	<0.02
RS-408 1015-1020	<5		<0.001		<0.5	<0.02
RS-408 1020-1025	<5		<0.001		<0.5	<0.02
RS-408 1025-1030	<5		<0.001		<0.5	<0.02
RS-408 1030-1035	<5		<0.001		<0.5	<0.02
RS-408 1035-1040	<5		<0.001		<0.5	<0.02
RS-408 1040-1045	<5		<0.001		<0.5	<0.02
RS-408 1045-1050	<5		<0.001		<0.5	<0.02
RS-408 1050-1055	<5		<0.001		<0.5	<0.02
RS-408 1055-1060	<5		<0.001		<0.5	<0.02
RS-408 1060-1065	<5		<0.001		<0.5	<0.02
RS-408 1065-1070	<5		<0.001		<0.5	<0.02
RS-408 1070-1075	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-408 1075-1080	<5		<0.001		<0.5	<0.02
RS-408 1080-1085	<5		<0.001		<0.5	<0.02
RS-408 1085-1090	<5		<0.001		<0.5	<0.02
RS-408 1090-1095	<5		<0.001		<0.5	<0.02
RS-408 1095-1100	<5		<0.001		<0.5	<0.02
RS-408 1100-1105	<5		<0.001		<0.5	<0.02
RS-408 1105-1110	<5		<0.001		<0.5	<0.02
RS-408 1110-1115	<5		<0.001		<0.5	<0.02
RS-408 1115-1120	<5		<0.001		<0.5	<0.02
RS-408 1120-1125	<5		<0.001		<0.5	<0.02

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP046653

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-408

REPORTED : 7 OCT 1997

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-408 1125-1130	<5		<0.001		<0.5	<0.02
RS-408 1130-1135	<5		<0.001		<0.5	<0.02
RS-408 1135-1140	<5		<0.001		<0.5	<0.02
RS-408 1140-1145	<5		<0.001		<0.5	<0.02
RS-408 1145-1150	<5		<0.001		<0.5	<0.02
RS-408 1150-1155	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-408 1155-1160	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-408 1160-1165	<5		<0.001		<0.5	<0.02
RS-408 1165-1170	<5		<0.001		<0.5	<0.02
RS-408 1170-1175	<5		<0.001		<0.5	<0.02
RS-408 1175-1180	<5		<0.001		<0.5	<0.02
RS-408 1180-1185	<5		<0.001		<0.5	<0.02
RS-408 1185-1190	<5		<0.001		<0.5	<0.02
RS-408 1190-1195	<5		<0.001		<0.5	<0.02
RS-408 1195-1200	<5		<0.001		<0.5	<0.02
RS-408 1200-1205	<5		<0.001		<0.5	<0.02
RS-408 1205-1210	<5		<0.001		<0.5	<0.02
RS-408 1210-1215	<5		<0.001		<0.5	<0.02
RS-408 1215-1220	<5		<0.001		<0.5	<0.02
RS-408 1220-1225	<5		<0.001		<0.5	<0.02
RS-408 1225-1230	<5		<0.001		<0.5	<0.02
RS-408 1230-1235	<5		<0.001		<0.5	<0.02
RS-408 1235-1240	<5		<0.001		<0.5	<0.02
RS-408 1240-1245	<5		<0.001		<0.5	<0.02
RS-408 1245-1250	<5	<5	<0.001	<0.001	<0.5	<0.02

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP046653

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-408

REPORTED : 7 OCT 1997

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-408 1250-1255	<5		<0.001		<0.5	<0.02
RS-408 1255-1260	<5		<0.001		<0.5	<0.02
RS-408 1260-1265	<5		<0.001		<0.5	<0.02
RS-408 1265-1270	<5		<0.001		<0.5	<0.02
RS-408 1270-1275	<5		<0.001		<0.5	<0.02
RS-408 1275-1280	<5		<0.001		<0.5	<0.02
RS-408 1280-1285	<5		<0.001		<0.5	<0.02
RS-408 1285-1290	<5		<0.001		<0.5	<0.02
RS-408 1290-1295	<5		<0.001		<0.5	<0.02
RS-408 1295-1300	<5		<0.001		<0.5	<0.02
RS-408 1300-1305	<5		<0.001		<0.5	<0.02
RS-408 1305-1310	<5		<0.001		<0.5	<0.02
RS-408 1310-1315	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-408 1315-1320	<5		<0.001		<0.5	<0.02
RS-408 1320-1325	<5		<0.001		<0.5	<0.02
RS-408 1325-1330	<5		<0.001		<0.5	<0.02
RS-408 1330-1335	<5		<0.001		<0.5	<0.02
RS-408 1335-1340	<5		<0.001		<0.5	<0.02
RS-408 1340-1345	<5		<0.001		<0.5	<0.02
RS-408 1345-1350	<5		<0.001		<0.5	<0.02
RS-408 1350-1355	<5		<0.001		<0.5	<0.02
RS-408 1355-1360	<5		<0.001		<0.5	<0.02
RS-408 1360-1365	<5		<0.001		<0.5	<0.02
RS-408 1365-1370	<5		<0.001		<0.5	<0.02
RS-408 1370-1375	<5	<5	<0.001	<0.001	<0.5	<0.02

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP046653

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-408

REPORTED : 7 OCT 1997

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-408 1375-1380	<5		<0.001		<0.5	<0.02
RS-408 1380-1385	<5		<0.001		<0.5	<0.02
RS-408 1385-1390	<5		<0.001		<0.5	<0.02
RS-408 1390-1395	<5		<0.001		<0.5	<0.02
RS-408 1395-1400	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-408 1400-1405	<5		<0.001		<0.5	<0.02
RS-408 1405-1410	<5		<0.001		<0.5	<0.02
RS-408 1410-1415	<5		<0.001		<0.5	<0.02
RS-408 1415-1420	<5		<0.001		<0.5	<0.02
RS-408 1420-1425	<5		<0.001		<0.5	<0.02
RS-408 1425-1430	<5		<0.001		<0.5	<0.02

xAMERICAN ASSAY LABORATORIES
ANALYSIS REPORT SP048166

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-408 RECEIVED : 20 FEB 1998

No. SAMPLES : 13 REPORTED : 20 FEB 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 SP048166

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-408

REPORTED : 20 FEB 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-408 1431.0-1433.2	<5		<0.001		<0.5	<0.02
RS-408 1433.2-1442.5	<5		<0.001		<0.5	<0.02
RS-408 1442.5-1452.3	<5		<0.001		<0.5	<0.02
RS-408 1452.3-1457.2	<5		<0.001		<0.5	<0.02
RS-408 1457.2-1467.0	<5		<0.001		<0.5	<0.02
RS-408 1467-1477	<5		<0.001		<0.5	<0.02
RS-408 1477.0-1486.9	<5		<0.001		<0.5	<0.02
RS-408 1486.9-1497.4	7		<0.001		<0.5	<0.02
RS-408 1497.4-1507.3	<5		<0.001		<0.5	<0.02
RS-408 1507.3-1517.3	<5		<0.001		<0.5	<0.02
RS-408 1517.3-1522.3	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-408 1522.3-1531.0	<5		<0.001		<0.5	<0.02
RS-408 1531-1540	<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	Te	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	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	0.3	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:	SP048166
METHOD:	AAL 01-2 + Se & Te

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	Te	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	ppm
RS-408 1431.0-1457.2	< .3	0.78	5	< 3	82	< 3	0.98	0.5	2	8	7	2.12	40	0.4	49	0.08	372	1	0.08	4	0.049	17	< 3	0.2	233	< .2	8	0.03	< 8	14	< 2	33
RS-408 1457.2-1497.4	< .3	0.52	6	< 3	54	< 3	1.23	0.3	2	7	6	1.99	25	0.28	58	0.05	410	1	0.08	3	0.027	17	< 3	0.1	169	0.4	9	0.04	< 8	20	< 2	27
RS-408 1497.4-1540.0	< .3	0.65	5	< 3	61	< 3	1.36	0.4	2	6	6	2.08	10	0.34	54	0.1	376	1	0.08	3	0.03	15	< 3	< .1	191	< .2	8	0.04	< 8	22	< 2	33

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

(702) 356-0606

INVOICE NO: SP 0048166-IN
INVOICE DATE: 03/11/98

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-408	ROSEBUD EXPLOR.	NET 30 - DUE IN U.S. DOLLARS

QUANTITY	DESCRIPTION	PRICE	AMOUNT
13	SAMPLES RECEIVED	.00	.00
13	JAW CRUSHING CHARGE	2.60	33.80
13	SPLITTING CHARGE	1.80	23.40
13	FINE MILLING CHARGE	2.00	26.00
13	Au (1 A.T. FIRE ASSAY)	8.00	104.00
13	HYDROCHLORIC/NITRIC DIGESTION	2.00	26.00
13	Ag ANALYSES	1.00	13.00
13	COMPOSITE CHARGE	1.00	13.00
3	MULTI-ELEMENT ICP PACKAGE	9.80	29.40

NET INVOICE:	268.60
LESS DISCOUNT:	94.01
FREIGHT	.00
INVOICE TOTAL:	174.59

COPY

AMERICAN ASSAY LABORATORIES

PROVISIONAL REPORT SP048166

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

NEWMONT GOLD COMPANY

COPIES TO : C. BALLEW
: R. VANCE
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:

CLIENT REFERENCE No: RS-408 1431-1540 RECEIVED : 20 FEB 1998

No. SAMPLES : 13 REPORTED : 20 FEB 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

PROVISIONAL REPORT SP048166

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-408

REPORTED : 20 FEB 1998

SAMPLES	Au	Au(R)	Au(OZ)	Au(RZ)	Ag	Ag(OZ)
RS-408 1431.0-1433.2	<5		<0.001		<0.5	<0.02
RS-408 1433.2-1442.5	<5		<0.001		<0.5	<0.02
RS-408 1442.5-1452.3	<5		<0.001		<0.5	<0.02
RS-408 1452.3-1457.2	<5		<0.001		<0.5	<0.02
RS-408 1457.2-1467.0	<5		<0.001		<0.5	<0.02
RS-408 1467-1477	<5		<0.001		<0.5	<0.02
RS-408 1477.0-1486.9	<5		<0.001		<0.5	<0.02
RS-408 1486.9-1497.4	7		<0.001		<0.5	<0.02
RS-408 1497.4-1507.3	<5		<0.001		<0.5	<0.02
RS-408 1507.3-1517.3	<5		<0.001		<0.5	<0.02
RS-408 1517.3-1522.3	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-408 1522.3-1531.0	<5		<0.001		<0.5	<0.02
RS-408 1531-1540	<5		<0.001		<0.5	<0.02

AMERICAN ASSAY LABORATORIES
1500 GLENDALE AVE.
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CLIENT: *NEWMONT GOLD COMPANY*
CLIENT REF: ROSEBUD EXPLORATION
AAL REF: SP048166
METHOD: AAL 01-2 + Se & Te

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	Te ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm
RS-408 1431.0-1457.2	< .3	0.78	5	< 3	92	< 3	0.98	0.5	2	8	7	2.12	40	0.4	49	0.08	372	1	0.08	4	0.049	17	< 3	0.2	233	< .2	8	0.03	< 8	14	< 2	33
RS-408 1457.2-1497.4	< .3	0.52	6	< 3	54	< 3	1.23	0.3	2	7	6	1.99	25	0.28	58	0.05	410	1	0.08	3	0.027	17	< 3	0.1	169	0.4	9	0.04	< 8	20	< 2	27
RS-408 1497.4-1540.0	< .3	0.65	5	< 3	61	< 3	1.36	0.4	2	6	6	2.08	10	0.34	54	0.1	376	1	0.08	3	0.03	15	< 3	< .1	191	< .2	8	0.04	< 8	22	< 2	33

xAMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SF047350

American Assay Laboratories

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

NEWMONT GOLD COMPANY

COPIES TO : RANDY VANCE

: KURT ALLEN

:

:

CLIENT REFERENCE No: RS-408 RECEIVED : 21 NOV 1997

No. SAMPLES : 49 REPORTED : 21 NOV 1997

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 SP047350

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-408

REPORTED : 21 NOV 1997

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-408 1540-1545	<5		<0.001		<0.5	<0.02
RS-408 1545-1550	8		<0.001		<0.5	<0.02
RS-408 1550.0-1553.5	14		<0.001		<0.5	<0.02
RS-408 1553.5-1559.0	5		<0.001		<0.5	<0.02
RS-408 1559-1564	16		<0.001		<0.5	<0.02
RS-408 1564-1569	46		0.001		1.7	0.05
RS-408 1569-1574	14		<0.001		0.6	<0.02
RS-408 1574.0-1577.5	110		0.003		0.8	0.02
RS-408 1577.5-1580.0	43		0.001		0.8	0.02
RS-408 1580-1583	670		0.020		0.7	0.02
RS-408 1583.0-1586.5	59		0.002		0.6	<0.02
RS-408 1586.5-1589.5	46		0.001		1.3	0.04
RS-408 1589.5-1592.5	326		0.010		1.9	0.06
RS-408 1592.5-1596.5	18		<0.001		0.7	0.02
RS-408 1596.5-1600.0	6		<0.001		<0.5	<0.02
RS-408 1600-1605	26		<0.001		0.8	0.02
RS-408 1605-1609	28		<0.001		0.8	0.02
RS-408 1609-1613	31		<0.001		1.2	0.04
RS-408 1613-1617	<5		<0.001		1.7	0.05
RS-408 1617-1622	<5		<0.001		<0.5	<0.02
RS-408 1622-1627	<5		<0.001		<0.5	<0.02
RS-408 1627-1632	<5		<0.001		<0.5	<0.02
RS-408 1632-1637	6		<0.001		1.3	0.04
RS-408 1637-1642	18		<0.001		1.1	0.03
RS-408 1642-1647	<5		<0.001		<0.5	<0.02

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP047350

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-408

REPORTED : 21 NOV 1997

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-408 1647-1650	<5		<0.001		<0.5	<0.02
RS-408 1650-1654	6		<0.001		<0.5	<0.02
RS-408 1654-1655	<5		<0.001		<0.5	<0.02
RS-408 1655-1657	<5		<0.001		<0.5	<0.02
RS-408 1657-1661	<5		<0.001		<0.5	<0.02
RS-408 1661-1665	<5		<0.001		<0.5	<0.02
RS-408 1665-1670	<5		<0.001		<0.5	<0.02
RS-408 1670-1675	<5		<0.001		<0.5	<0.02
RS-408 1675-1680	<5		<0.001		<0.5	<0.02
RS-408 1680-1685	<5		<0.001		<0.5	<0.02
RS-408 1685-1690	<5		<0.001		<0.5	<0.02
RS-408 1690-1695	<5		<0.001		<0.5	<0.02
RS-408 1695-1700	<5		<0.001		<0.5	<0.02
RS-408 1700.0-1704.5	<5		<0.001		<0.5	<0.02
RS-408 1704.5-1706.0	5		<0.001		<0.5	<0.02
RS-408 1706-1710	<5		<0.001		<0.5	<0.02
RS-408 1710-1715	<5		<0.001		<0.5	<0.02
RS-408 1715-1720	<5		<0.001		<0.5	<0.02
RS-408 1720-1725	<5		<0.001		<0.5	<0.02
RS-408 1725-1730	6		<0.001		0.6	<0.02
RS-408 1730-1735	10		<0.001		1.4	0.04
RS-408 1735-1740	8		<0.001		1.3	0.04
RS-408 1740-1745	<5		<0.001		0.8	0.02
RS-408 1745-1750	5		<0.001		0.6	<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	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
	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	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
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CLIENT:	*NEWMONT EXPLORATION*
CLIENT REF:	ROSEBUD MINE
AAL REF:	SP047350
METHOD:	AAL 01-2

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
RS-408 1540-1545	< .3	0.79	2	10	156	< 3	1.99	< .2	3	20	3	2.04	15	0.42	62	0.14	435	< 1	0.08	1	0.03	18	< 3	0.1	257	10	0.03	< 8	20	< 2	33
RS-408 1545-1550	< .3	0.82	< 2	4	67	< 3	2.09	< .2	2	16	4	1.76	10	0.51	57	0.17	382	< 1	0.07	1	0.027	15	< 3	< .1	301	6	0.03	< 8	20	< 2	26
RS-408 1550.0-1553.5	< .3	0.81	2	5	74	< 3	1.89	0.3	2	15	5	1.8	15	0.44	60	0.14	575	< 1	0.09	1	0.03	18	< 3	< .1	240	9	0.03	< 8	17	< 2	41
RS-408 1553.5-1559.0	< .3	0.83	4	5	63	< 3	1.14	0.4	3	13	5	1.49	60	0.42	60	0.16	765	1	0.09	2	0.029	19	< 3	< .1	230	7	0.01	< 8	6	< 2	52
RS-408 1559-1564	0.4	0.99	27	8	61	< 3.	0.94	0.8	3	14	5	1.55	< 10	0.37	44	0.14	688	14	0.07	< 1	0.029	19	4	0.9	225	5	< .01	< 8	5	< 2	52
RS-408 1564-1569	1.2	0.45	55	4	49	< 3	0.43	0.4	1	13	4	1.33	20	0.24	30	0.03	478	13	0.04	1	0.015	32	6	4.3	236	6	< .01	< 8	1	< 2	41
RS-408 1569-1574	0.3	0.44	2	3	52	< 3	0.2	0.6	1	5	2	0.72	15	0.28	51	0.03	1297	1	0.04	< 1	0.009	27	3	1.2	258	12	< .01	< 8	2	< 2	69
RS-408 1574.0-1577.5	0.5	0.41	71	< 3	38	< 3	0.14	0.4	1	11	3	1.21	< 10	0.22	45	0.03	46	5	0.03	1	0.007	24	< 3	6.7	250	10	< .01	< 8	1	< 2	43
RS-408 1577.5-1580.0	0.7	0.42	113	4	45	< 3	0.14	0.2	1	18	2	1.08	15	0.26	51	0.02	34	3	0.04	< 1	0.007	18	5	8.6	262	11	< .01	< 8	< 1	< 2	33
RS-408 1580-1583	0.6	0.49	117	5	55	< 3	0.14	< .2	< 1	23	2	0.72	20	0.3	59	0.02	46	4	0.04	1	0.008	17	5	6.2	249	13	< .01	< 8	< 1	< 2	33
RS-408 1583.0-1586.5	0.6	0.44	41	6	125	< 3	0.13	< .2	< 1	16	3	0.33	10	0.25	57	0.02	38	9	0.04	1	0.008	16	4	3.2	240	13	< .01	< 8	< 1	< 2	23
RS-408 1586.5-1589.5	1.3	0.36	176	4	41	< 3	0.1	< .2	1	14	3	1.75	65	0.29	44	0.02	27	10	0.04	< 1	0.006	30	10	9.6	187	11	< .01	< 8	< 1	< 2	43
RS-408 1589.5-1592.5	1.7	0.36	262	3	42	< 3	0.67	< .2	1	11	3	2.24	25	0.32	31	0.02	369	1	0.04	1	0.007	34	5	15	221	8	< .01	< 8	< 1	< 2	57
RS-408 1592.5-1596.5	0.8	0.44	33	4	53	< 3	0.5	< .2	< 1	14	2	0.79	15	0.4	62	0.03	231	3	0.05	< 1	0.009	22	3	4.6	249	13	< .01	< 8	< 1	< 2	64
RS-408 1596.5-1600.0	0.3	0.44	17	3	51	< 3	0.34	< .2	< 1	9	2	0.71	45	0.29	61	0.03	160	1	0.04	< 1	0.009	23	< 3	3	251	14	< .01	< 8	< 1	< 2	58
RS-408 1600-1605	0.5	0.31	39	3	47	< 3	0.25	< .2	< 1	9	2	0.44	40	0.24	51	0.02	103	6	0.04	< 1	0.007	21	6	5.5	187	13	< .01	< 8	< 1	< 2	33
RS-408 1605-1609	0.7	0.38	80	< 3	56	< 3	0.48	< .2	< 1	2	3	0.78	15	0.32	54	0.02	131	4	0.05	< 1	0.007	21	7	10.2	231	14	< .01	< 8	< 1	< 2	51
RS-408 1609-1613	1	0.45	76	< 3	52	< 3	0.61	< .2	< 1	16	2	1.14	25	0.38	49	0.02	156	3	0.05	< 1	0.007	19	4	12.1	209	12	< .01	< 8	< 1	< 2	41
RS-408 1613-1617	0.8	0.51	7	4	50	< 3	0.66	< .2	< 1	4	3	1.1	25	0.35	54	0.03	232	4	0.04	< 1	0.008	20	5	3.8	216	13	< .01	< 8	< 1	< 2	46
RS-408 1617-1622	< .3	0.55	< 2	< 3	50	< 3	0.55	< .2	< 1	18	2	0.58	10	0.33	61	0.03	265	2	0.05	< 1	0.008	17	< 3	0.6	185	14	< .01	< 8	< 1	< 2	48
RS-408 1622-1627	< .3	0.9	2	4	46	< 3	1.46	< .2	1	3	4	1.55	15	0.26	59	0.07	934	3	0.03	< 1	0.008	29	< 3	0.7	244	14	< .01	< 8	< 1	< 2	96
RS-408 1627-1632	< .3	0.98	< 2	< 3	54	< 3	0.63	0.2	1	9	3	1.76	25	0.37	64	0.09	791	< 1	0.05	< 1	0.009	33	< 3	0.2	242	15	< .01	< 8	< 1	< 2	92
RS-408 1632-1637	1.2	0.65	89	7	48	< 3	0.14	0.2	1	3	3	2.3	50	0.27	60	0.04	196	3	0.03	< 1	0.009	26	7	7.1	220	16	< .01	< 8	1	< 2	90
RS-408 1637-1642	1.4	0.68	100	< 3	39	< 3	2.65	0.2	1	14	3	3.24	85	0.34	33	0.04	1199	< 1	0.03	< 1	0.012	29	7	5.9	238	8	< .01	< 8	< 1	< 2	61
RS-408 1642-1647	< .3	0.55	5	< 3	42	< 3	1.58	< .2	< 1	3	2	0.49	< 10	0.29	63	0.03	763	< 1	0.03	< 1	0.008	22	< 3	0.4	181	14	< .01	< 8	< 1	< 2	47
RS-408 1647-1650	< .3	0.64	6	3	35	< 3	5.04	< .2	1	12	2	0.83	< 10	0.19	55	0.04	2155	< 1	0.02	< 1	0.007	37	3	< .1	303	12	< .01	< 8	< 1	< 2	77
RS-408 1650-1654	< .3	0.44	< 2	< 3	43	< 3	2.69	< .2	< 1	4	2	0.23	< 10	0.26	50	0.02	810	1	0.03	< 1	0.006	23	< 3	0.9	292	12	< .01	< 8	< 1	< 2	26
RS-408 1654-1655	0.3	0.65	3	4	54	< 3	2.43	< .2	< 1	17	4	1.14	15	0.3	52	0.04	778	< 1	0.04	< 1	0.007	26	3	0.5	310	13	< .01	< 8	1	< 2	40
RS-408 1655-1657	0.3	0.62	< 2	3	56	< 3	1.36	< .2	< 1	3	6	1.02	10	0.37	51	0.03	507	< 1	0.05	< 1	0.006	20	< 3	< .1	232	13	< .01	< 8	1	< 2	33
RS-408 1657-1661	< .3	0.42	< 2	3	73	< 3	7.41	< .2	< 1	14	3	0.45	< 10	0.28	48	0.03	1802	< 1	0.03	< 1	0.005	28	< 3	0.2	407	12	< .01	< 8	1	< 2	25
RS-408 1661-1665	< .3	0.39	< 2	3	56	< 3	1.38	< .2	< 1	2	2	0.23	< 10	0.28	57	0.02	382	< 1	0.04	< 1	0.007	20	< 3	< .1	208	14	< .01	< 8	1	< 2	15
RS-408 1665-1670	< .3	0.46	< 2	3	49	< 3	1.94	< .2	< 1	26	2	0.37	< 10	0.23	62	0.02	1014	< 1	0.05	< 1	0.007	20	< 3	< .1	148	14	< .01	< 8	1	< 2	16
RS-408 1670-1675	< .3	0.45	11	< 3	51	< 3	0.83	< .2	< 1	3	4	0.54	< 10	0.29	61	0.02	362	< 1	0.06	< 1	0.009	20	< 3	0.1	170	14	< .01	< 8	< 1	< 2	32
STANDARD C3	5.8	2.1	55	21	150	19	0.62	26.1	13	168	64	3.67	895	0.18	19	0.66	838	26	0.05	38	0.094	34	19	2.1	32	18	0.08	22	84	19	174
STANDARD G-1	< .3	1.1	< 2	5	304	< 3	0.65	< .2	6	93	2	2.24	< 10	0.46	8	0.69	623	2	0.07	8	0.082	5	< 3	0.6	76	4	0.12	< 8	41	< 2	45

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CLIENT:	*NEWMONT EXPLORATION*
CLIENT REF:	ROSEBUD MINE
AAL REF:	SP047350
METHOD:	AAL 01-2

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
RS-408 1675-1680	0.4	0.53	25	6	58	< 3	0.47	< .2	< 1	11	2	0.7	15	0.24	64	0.02	145	1	0.03	< 1	0.01	18	4	0.7	185	16	< .01	< 8	1	< 2	35
RS-408 1680-1685	0.7	0.62	50	< 3	55	< 3	0.5	< .2	1	1	1	1.63	45	0.28	62	0.03	172	< 1	0.02	< 1	0.008	24	5	1.3	167	15	< .01	< 8	< 1	< 2	62
RS-408 1685-1690	0.6	0.53	60	< 3	60	< 3	0.5	< .2	< 1	14	< 1	1.32	60	0.35	62	0.03	162	1	0.03	< 1	0.008	27	6	2.7	228	16	< .01	< 8	< 1	< 2	82
RS-408 1690-1695	0.4	0.5	< 2	< 3	74	< 3	0.59	< .2	< 1	3	< 1	0.23	< 10	0.28	65	0.03	298	1	0.03	< 1	0.008	24	< 3	0.7	188	16	< .01	< 8	< 1	< 2	41
RS-408 1695-1700	< .3	1.15	4	< 3	69	< 3	0.79	0.3	1	16	2	1.94	20	0.3	69	0.09	983	1	0.04	2	0.008	26	< 3	0.3	218	16	< .01	< 8	< 1	< 2	130
RS-408 1700.0-1704.5	< .3	1.04	< 2	< 3	49	5	0.59	< .2	< 1	2	< 1	1.74	25	0.27	68	0.07	743	< 1	0.03	< 1	0.01	26	6	0.1	197	16	< .01	< 8	< 1	< 2	135
RS-408 1704.5-1706.0	0.5	0.71	4	< 3	43	< 3	0.72	< .2	< 1	13	< 1	1.38	70	0.26	62	0.03	580	1	0.02	1	0.008	26	9	0.1	162	15	< .01	< 8	< 1	< 2	126
RS-408 1706-1710	0.4	0.71	2	< 3	29	< 3	0.55	0.2	< 1	2	< 1	1.56	35	0.3	52	0.03	390	< 1	0.04	< 1	0.007	22	7	< .1	170	14	< .01	< 8	< 1	< 2	42
RS-408 1710-1715	< .3	0.74	4	< 3	72	5	0.56	< .2	< 1	17	1	0.72	55	0.28	66	0.03	349	1	0.03	< 1	0.008	20	3	< .1	182	17	< .01	< 8	< 1	< 2	33
RS-408 1715-1720	< .3	0.59	< 2	< 3	190	< 3	0.74	< .2	< 1	1	3	0.72	15	0.27	64	0.03	469	< 1	0.04	< 1	0.008	17	< 3	0.2	186	16	< .01	< 8	< 1	< 2	32
RS-408 1720-1725	< .3	0.61	< 2	< 3	63	< 3	0.88	< .2	< 1	24	1	0.8	< 10	0.33	60	0.03	522	1	0.05	< 1	0.008	19	4	< .1	159	15	< .01	< 8	< 1	< 2	29
RS-408 1725-1730	0.7	0.5	34	< 3	66	< 3	0.31	< .2	1	21	2	1.61	40	0.25	55	0.03	178	2	0.03	< 1	0.009	27	8	1.7	184	14	< .01	< 8	< 1	< 2	45
RS-408 1730-1735	1.1	0.6	228	< 3	43	< 3	0.22	< .2	< 1	23	3	2.78	70	0.36	51	0.03	70	2	0.03	2	0.009	25	8	3.9	224	13	< .01	< 8	< 1	< 2	51
RS-408 1735-1740	1.2	0.48	122	< 3	63	< 3	0.17	< .2	< 1	2	1	0.82	30	0.28	59	0.03	34	10	0.04	< 1	0.007	21	7	4.8	269	14	< .01	< 8	< 1	< 2	36
RS-408 1740-1745	0.8	0.58	38	< 3	103	< 3	0.18	< .2	< 1	15	< 1	0.44	< 10	0.29	64	0.03	31	7	0.04	1	0.007	21	8	2.7	293	15	< .01	< 8	< 1	< 2	29
RS-408 1745-1750	0.4	0.56	27	< 3	89	< 3	0.16	< .2	< 1	2	4	0.84	< 10	0.28	56	0.03	30	2	0.04	< 1	0.006	22	6	1.6	271	14	< .01	< 8	< 1	< 2	32

xAMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP047385

American Assay Laboratories

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

NEWMONT GOLD COMPANY

COPIES TO : RANDY VANCE

: KURT ALLEN

:

:

CLIENT REFERENCE No: RS-408 RECEIVED : 24 NOV 1997

No. SAMPLES : 14 REPORTED : 24 NOV 1997

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

SIGNATORY : Susan King M.S.

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP047385

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-408

REPORTED : 24 NOV 1997

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-408 1750-1755	10		<0.001		0.8	0.02
RS-408 1755-1760	6		<0.001		0.7	0.02
RS-408 1760-1765	5		<0.001		0.7	0.02
RS-408 1765-1770	<5		<0.001		<0.5	<0.02
RS-408 1770-1775	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-408 1775-1780	19		<0.001		0.7	0.02
RS-408 1780-1785	16		<0.001		0.9	0.03
RS-408 1785-1790	11		<0.001		0.9	0.03
RS-408 1790-1795	8		<0.001		0.5	<0.02
RS-408 1795-1800	<5		<0.001		<0.5	<0.02
RS-408 1800-1805	<5		<0.001		0.7	0.02
RS-408 1805-1810	25		<0.001		0.5	<0.02
RS-408 1810-1815	13		<0.001		1.0	0.03
RS-408 1815-1820	9	6	<0.001	<0.001	0.9	0.03

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	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
	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	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 MINE
AAL REF: SP047385
METHOD: AAL 01-2

ELEMENT	Ag	Al	As	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	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
RS-408 1750-1770	0.4	0.42	32	< 3	63	< 3	0.41	<.2	< 1	12	1	0.69	15	0.34	59	0.02	253	5	0.04	1	0.006	23	5	213	15	<.01	< 8	1	< 2	33
RS-408 1770-1790	0.6	0.58	23	6	70	< 3	0.32	<.2	< 1	8	1	1.19	30	0.39	66	0.03	117	2	0.05	< 1	0.009	23	6	275	17	<.01	< 8	2	< 2	60
RS-408 1790-1810	0.4	0.51	15	3	71	3	0.37	<.2	< 1	8	2	0.94	30	0.35	71	0.02	289	2	0.04	< 1	0.01	24	6	195	17	<.01	< 8	2	< 2	41
RS-408 1810-1820	0.6	0.5	23	4	96	< 3	0.35	<.2	< 1	10	1	0.99	30	0.36	60	0.03	118	2	0.05	< 1	0.008	26	6	273	15	<.01	< 8	1	< 2	45

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ANALYSIS REPORT SP047571

American Assay Laboratories

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

NEWMONT GOLD COMPANY

COPIES TO : RANDY VANCE

: KURT ALLEN

:

:

CLIENT REFERENCE No: RS-408 RECEIVED : 8 DEC 1997

No. SAMPLES : 20 REPORTED : 8 DEC 1997

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 SP047571

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-408

REPORTED : 8 DEC 1997

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-408 1820-1826	8		<0.001		<0.5	<0.02
RS-408 1826-1832	9		<0.001		<0.5	<0.02
RS-408 1832-1837	<5		<0.001		<0.5	<0.02
RS-408 1837-1842	<5		<0.001		<0.5	<0.02
RS-408 1842-1847	<5		<0.001		<0.5	<0.02
RS-408 1847-1852	36		0.001		<0.5	<0.02
RS-408 1852-1856	156		0.005		2.2	0.06
RS-408 1867.5-1870.0	<5	<5	<0.001		<0.5	<0.02
RS-408 1870-1875	<5		<0.001		0.8	0.02
RS-408 1875-1880	10		<0.001		0.7	0.02
RS-408 1880-1885	<5		<0.001		<0.5	<0.02
RS-408 1885-1890	<5		<0.001		<0.5	<0.02
RS-408 1890-1895	<5	<5	<0.001		<0.5	<0.02
RS-408 1895-1900	<5		<0.001		0.7	0.02
RS-408 1933-1938	<5		<0.001		<0.5	<0.02
RS-408 1938-1943	<5		<0.001		0.6	<0.02
RS-408 1943-1948	<5		<0.001		<0.5	<0.02
RS-408 1948-1953	<5		<0.001		<0.5	<0.02
RS-408 1953-1958	<5		<0.001		<0.5	<0.02
RS-408 1958-1963	<5		<0.001		<0.5	<0.02

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

(702) 356-0606

INVOICE NO: SP 0047571-IN
INVOICE DATE: 12/19/97

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-408	ROSEBUD EXPLOR.	NET 30 - DUE IN U.S. DOLLARS

QUANTITY	DESCRIPTION	PRICE	AMOUNT
20	SAMPLES RECEIVED	.00	.00
20	JAW CRUSHING CHARGE	1.30	26.00
20	SPLITTING CHARGE	1.20	24.00
20	FINE MILLING CHARGE	2.00	40.00
20	Au (1 A.T. FIRE ASSAY)	8.00	160.00
20	HYDROCHLORIC/NITRIC DIGESTION	2.00	40.00
20	Ag ANALYSES	1.00	20.00
20	MULTI-ELEMENT ICP PACKAGE	9.80	196.00
20	Se ANALYSIS	7.15	143.00

$26.00 ea.

COPY

NET INVOICE:	649.00
LESS DISCOUNT:	129.80
FREIGHT:	.00
INVOICE TOTAL:	519.20

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	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
	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	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 MINE
AAL REF: SP047571
METHOD: AAL 01-2

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
RS-408 1820-1826	0.7	0.51	5	< 3	56	< 3	0.18	0.2	1	1	4	0.49	40	0.31	71	0.03	42	1	0.04	4	0.008	33	< 3	1.9	299	19	< .01	< 8	< 1	< 2	37
RS-408 1826-1832	0.4	0.6	2	< 3	76	3	0.2	< .2	< 1	1	6	0.49	30	0.34	81	0.03	37	1	0.05	3	0.011	21	4	0.4	325	21	< .01	< 8	< 1	< 2	83
RS-408 1832-1837	0.6	0.54	3	< 3	76	< 3	0.27	< .2	< 1	1	5	0.38	40	0.35	84	0.04	132	1	0.05	2	0.011	23	4	0.9	311	21	< .01	< 8	< 1	< 2	73
RS-408 1837-1842	0.6	1.06	< 2	< 3	81	4	0.17	0.3	< 1	1	4	2.41	55	0.34	79	0.1	1618	3	0.04	3	0.011	16	4	0.5	223	20	< .01	< 8	< 1	< 2	128
RS-408 1842-1847	0.5	3.04	< 2	< 3	69	< 3	0.15	< .2	2	1	5	8.71	50	0.47	73	0.29	12329	< 1	0.04	5	0.008	26	< 3	0.3	142	20	< .01	< 8	1	< 2	343
RS-408 1847-1852	0.7	1.95	9	< 3	75	< 3	0.14	0.5	1	< 1	4	4.33	45	0.42	89	0.15	2289	1	0.04	2	0.01	21	3	1.3	208	23	< .01	< 8	1	< 2	180
RS-408 1852-1856	2.3	1.08	67	< 3	72	7	0.16	0.5	1	1	8	3.03	35	0.37	75	0.07	1177	15	0.03	3	0.01	21	9	11.6	195	20	< .01	< 8	< 1	< 2	122
RS-408 1867.5-1870.0	0.7	0.62	6	4	69	3	1.43	< .2	< 1	1	3	1.21	55	0.43	72	0.03	487	< 1	0.04	4	0.009	19	< 3	0.7	295	19	< .01	< 8	< 1	< 2	34
RS-408 1870-1875	0.7	0.52	31	< 3	82	< 3	0.32	0.2	1	1	9	0.68	20	0.42	76	0.03	123	3	0.04	2	0.009	16	6	1.4	241	21	< .01	< 8	< 1	< 2	33
RS-408 1875-1880	1.1	1.17	156	< 3	73	< 3	0.88	0.4	< 1	1	4	2.12	80	0.63	70	0.04	437	4	0.04	4	0.01	23	8	2.7	287	19	< .01	< 8	< 1	< 2	55
RS-408 1880-1885	0.4	0.82	4	< 3	82	< 3	0.31	0.3	< 1	< 1	2	1.31	20	0.42	86	0.05	271	< 1	0.04	2	0.012	17	3	0.7	264	23	< .01	< 8	< 1	< 2	30
RS-408 1885-1890	0.7	0.91	21	< 3	76	4	0.18	< .2	1	< 1	3	1.89	30	0.42	82	0.06	372	< 1	0.04	2	0.01	22	6	1.6	247	21	< .01	< 8	1	< 2	34
RS-408 1890-1895	0.6	0.56	12	< 3	86	3	0.12	0.2	1	1	4	0.57	15	0.34	75	0.03	122	4	0.03	3	0.008	17	4	1.3	205	20	< .01	< 8	< 1	< 2	22
RS-408 1895-1900	0.8	0.58	18	< 3	79	< 3	0.18	< .2	< 1	< 1	1	0.83	35	0.37	80	0.04	123	2	0.04	< 1	0.01	19	7	2.6	306	21	< .01	< 8	< 1	< 2	39
RS-408 1933-1938	0.6	0.73	5	< 3	93	< 3	0.12	< .2	< 1	1	3	0.99	10	0.36	72	0.03	351	13	0.03	2	0.01	24	3	0.9	200	20	< .01	< 8	< 1	< 2	39
RS-408 1938-1943	0.6	0.87	10	3	94	7	0.14	< .2	< 1	1	2	1.66	30	0.37	77	0.04	1399	6	0.03	3	0.009	20	5	2	221	20	< .01	< 8	< 1	< 2	70
RS-408 1943-1948	0.3	1.23	9	< 3	84	4	0.14	< .2	1	1	2	2.97	20	0.35	67	0.06	3765	4	0.03	3	0.008	20	3	0.9	193	18	< .01	< 8	< 1	< 2	116
RS-408 1948-1953	0.4	2.01	3	< 3	67	< 3	0.11	< .2	< 1	1	1	5.39	15	0.38	63	0.1	5342	2	0.04	4	0.007	14	< 3	0.1	134	18	< .01	< 8	< 1	< 2	197
RS-408 1953-1958	0.3	1	2	< 3	85	3	0.35	< .2	1	< 1	1	1.89	20	0.39	87	0.05	1230	< 1	0.05	4	0.011	24	< 3	0.3	190	22	< .01	< 8	1	< 2	62
RS-408 1958-1963	< .3	0.9	< 2	< 3	81	5	0.11	< .2	1	< 1	2	1.41	10	0.37	81	0.04	425	< 1	0.03	3	0.009	19	< 3	0.2	187	21	< .01	< 8	< 1	< 2	50
STANDARD C3	5.5	1.87	56	21	153	27	0.57	23.3	11	165	65	3.42	915	0.16	19	0.64	760	26	0.04	38	0.086	38	20	1.2	30	19	0.1	27	78	20	165
STANDARD G-1	< .3	1.09	< 2	< 3	289	< 3	0.63	0.2	4	106	5	2.13	10	0.52	8	0.67	573	2	0.09	9	0.076	< 3	< 3	< .1	79	4	0.15	< 8	41	< 2	45

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ANALYSIS REPORT SP047370

American Assay Laboratories

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NEWMONT GOLD COMPANY

COPIES TO : RANDY VANCE

: KURT ALLEN

:

:

CLIENT REFERENCE No: RS-408 RECEIVED : 24 NOV 1997

No. SAMPLES : 13 REPORTED : 24 NOV 1997

MAIN SAMPLE TYPE : DRILL CORE

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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 SP047370

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-408

REPORTED : 24 NOV 1997

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-408 1856-1860	58		0.002		3.3	0.10
RS-408 1860.0-1864.6	7		<0.001		1.2	0.04
RS-408 1864.6-1867.5	<5		<0.001		0.7	0.02
RS-408 1900-1904	24		<0.001		1.8	0.05
RS-408 1904-1908	42		0.001		3.4	0.10
RS-408 1908-1912	110		0.003		1.8	0.05
RS-408 1912-1916	13		<0.001		1.5	0.04
RS-408 1916-1920	37		0.001		2.4	0.07
RS-408 1920-1922	121		0.004		12.7	0.37
RS-408 1922-1924	61	72	0.002	0.002	12.3	0.36
RS-408 1924-1926	23		<0.001		4.4	0.13
RS-408 1926-1929	5		<0.001		1.6	0.05
RS-408 1929-1933	<5		<0.001		1.2	0.04

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	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
	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	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.
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FAX: (702) 356-1413

CLIENT:	*NEWMONT GOLD COMPANY*
CLIENT REF:	ROSEBUD MINE
AAL REF:	SP047370
METHOD:	AAL 01-2

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
RS-408 1856-1860	2.8	0.97	42	< 3	61	< 3	0.64	< .2	< 1	9	4	2.99	50	0.33	58	0.06	1304	35	0.03	< 1	0.008	27	7	14.2	215	12	< .01	< 8	< 1	< 2	124
RS-408 1860.0-1864.6	1.1	0.94	15	< 3	69	< 3	1.89	0.2	< 1	1	2	2.18	30	0.32	66	0.07	1295	12	0.04	1	0.008	22	6	4	328	14	< .01	24	< 1	< 2	94
RS-408 1864.6-1867.5	0.4	0.52	11	< 3	150	< 3	7.27	0.3	< 1	6	1	0.89	10	0.4	48	0.04	2921	6	0.04	< 1	0.005	18	4	1.5	633	11	< .01	< 8	< 1	< 2	39
RS-408 1900-1904	1.3	0.52	121	< 3	14	< 3	0.25	< .2	< 1	< 1	2	10.33	35	0.31	33	0.03	978	2	0.06	< 1	0.004	20	11	14.7	264	7	< .01	< 8	< 1	< 2	124
RS-408 1904-1908	1.6	0.52	27	< 3	30	< 3	0.17	0.4	< 1	10	4	1.04	30	0.33	61	0.03	272	13	0.04	< 1	0.008	24	7	7.2	264	13	< .01	< 8	< 1	< 2	109
RS-408 1908-1912	1.7	0.51	27	< 3	53	< 3	0.14	< .2	< 1	2	3	2.04	30	0.32	50	0.02	937	29	0.03	< 1	0.009	27	7	7.5	208	11	< .01	< 8	< 1	< 2	75
RS-408 1912-1916	1.6	0.55	29	< 3	69	< 3	0.18	< .2	< 1	14	2	0.93	< 10	0.34	60	0.03	934	23	0.04	< 1	0.008	15	5	6.9	267	13	< .01	< 8	< 1	< 2	76
RS-408 1916-1920	2	0.42	45	< 3	28	< 3	0.16	0.8	1	1	2	3.14	25	0.27	46	0.02	143	47	0.04	< 1	0.007	21	7	6.9	262	11	< .01	< 8	< 1	< 2	88
RS-408 1920-1922	11.2	0.46	54	< 3	55	< 3	0.16	< .2	1	12	4	0.88	15	0.28	54	0.02	42	594	0.04	1	0.01	70	13	10.6	265	13	< .01	20	< 1	< 2	149
RS-408 1922-1924	9.8	0.43	58	< 3	33	< 3	0.14	0.2	1	2	2	2.64	15	0.28	45	0.02	38	605	0.03	< 1	0.007	40	9	7.4	232	10	< .01	18	< 1	< 2	73
RS-408 1924-1926	3.4	0.56	62	< 3	20	< 3	0.18	< .2	1	14	3	6.65	30	0.3	36	0.03	2040	67	0.05	< 1	0.007	26	13	12.7	266	8	< .01	8	< 1	< 2	100
RS-408 1926-1929	1.3	0.57	23	< 3	72	< 3	0.17	0.2	< 1	1	1	1.16	10	0.31	60	0.03	525	22	0.04	< 1	0.008	21	6	6.2	298	13	< .01	< 8	< 1	< 2	55
RS-408 1929-1933	1.1	0.81	9	3	75	< 3	0.15	0.2	< 1	11	3	1.32	30	0.35	63	0.03	870	12	0.03	< 1	0.009	23	5	2.5	254	14	< .01	< 8	< 1	< 2	73
STANDARD C3	5.4	1.81	57	17	148	21	0.59	23.3	13	166	65	3.52	945	0.16	18	0.62	763	25	0.04	36	0.087	30	18	0.6	31	17	0.1	23	80	18	158
STANDARD G-1	< .3	1.03	< 2	< 3	263	< 3	0.65	< .2	5	96	4	2.17	< 10	0.5	7	0.67	581	1	0.07	10	0.08	6	< 3		75	3	0.15	< 8	42	< 2	46

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ANALYSIS REPORT SP047621

American Assay Laboratories

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

NEWMONT GOLD COMPANY

COPIES TO : RANDY VANCE

: KURT ALLEN

:

:

CLIENT REFERENCE No: RS-408 RECEIVED : 11 DEC 1997

No. SAMPLES : 26 REPORTED : 11 DEC 1997

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 SP047621

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-408

REPORTED : 11 DEC 1997

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-408 1963-1968	<5		<0.001		<0.5	<0.02
RS-408 1968-1973	<5		<0.001		<0.5	<0.02
RS-408 1973-1978	<5		<0.001		<0.5	<0.02
RS-408 1978-1983	<5		<0.001		<0.5	<0.02
RS-408 1983-1988	<5		<0.001		<0.5	<0.02
RS-408 1988-1993	<5		<0.001		<0.5	<0.02
RS-408 1993-1998	<5		<0.001		<0.5	<0.02
RS-408 1998-2003	<5		<0.001		<0.5	<0.02
RS-408 2003-2008	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-408 2008-2013	<5		<0.001		<0.5	<0.02
RS-408 2013-2018	<5		<0.001		<0.5	<0.02
RS-408 2018-2023	<5		<0.001		<0.5	<0.02
RS-408 2023-2028	<5		<0.001		<0.5	<0.02
RS-408 2028-2032	<5		<0.001		<0.5	<0.02
RS-408 2032-2036	<5		<0.001		<0.5	<0.02
RS-408 2036-2040	<5		<0.001		<0.5	<0.02
RS-408 2040-2045	<5		<0.001		<0.5	<0.02
RS-408 2045-2050	<5		<0.001		<0.5	<0.02
RS-408 2050-2055	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-408 2055-2060	<5		<0.001		<0.5	<0.02
RS-408 2060-2065	<5		<0.001		<0.5	<0.02
RS-408 2065-2070	<5		<0.001		<0.5	<0.02
RS-408 2070-2075	<5		<0.001		<0.5	<0.02
RS-408 2075-2080	<5		<0.001		<0.5	<0.02
RS-408 2080-2085	<5		<0.001		<0.5	<0.02

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ANALYSIS REPORT SP047621

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-408

REPORTED : 11 DEC 1997

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-408 2085-2090	<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	Ga	Ge	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Se	Sb	Sr	Th	Ti	U	V	W	Zn
SAMPLES	ppm	%	ppm	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	0.1	3	1	2	0.01	0.2	1	1	1	0.01	0.1	0.1	5	0.01	1	0.01	2	1	0.01	1	0.001	3	0.2	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
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SPARKS, NV 89431
PHONE: (702) 356-0606
FAX: (702) 356-1413

CLIENT:	*NEWMONT GOLD COMPANY*
CLIENT REF:	ROSEBUD MINE
AAL REF:	SP047621
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-408 1963-1983	< .3	0.83	3	< 3	75	< 3	0.91	0.2	1	4	4	2.16	10	0.28	76	0.04	1384	1	0.05	1	0.01	23	< 3	0.5	186	19	< .01	< 8	3	< 2	78
RS-408 1983-2003	< .3	0.62	2	< 3	67	< 3	0.57	0.2	1	8	5	1.58	10	0.27	73	0.03	679	< 1	0.05	2	0.009	29	< 3	0.2	154	19	< .01	< 8	3	< 2	43
RS-408 2003-2023	< .3	0.58	< 2	< 3	65	< 3	0.76	< .2	1	10	6	1.66	< 10	0.27	67	0.03	774	1	0.05	2	0.009	20	< 3	0.1	150	17	< .01	< 8	3	< 2	37
RS-408 2023-2040	< .3	0.75	5	< 3	75	< 3	0.17	< .2	1	6	5	1.39	< 10	0.29	78	0.05	498	18	0.04	1	0.009	28	< 3	0.6	243	19	< .01	< 8	3	< 2	63
RS-408 2040-2060	< .3	0.81	3	< 3	79	< 3	0.4	0.2	1	5	2	1.74	20	0.28	80	0.06	571	1	0.05	1	0.01	30	< 3	0.2	207	18	< .01	< 8	2	< 2	62
RS-408 2060-2080	< .3	0.83	2	< 3	74	< 3	0.66	< .2	1	6	3	1.81	< 10	0.27	75	0.06	621	1	0.06	2	0.009	22	< 3	0.1	211	18	< .01	< 8	3	< 2	58
RS-408 2080-2090	< .3	0.68	3	< 3	73	3	1.57	0.3	1	7	4	1.54	10	0.27	73	0.05	902	1	0.05	2	0.009	29	< 3	< .1	238	19	< .01	< 8	3	< 2	54

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

(702) 356-0606

INVOICE NO: SP 0047621-IN
INVOICE DATE: 01/16/98

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-408	ROSEBUD EXPLOR.	NET 30 - DUE IN U.S. DOLLARS

QUANTITY	DESCRIPTION	PRICE	AMOUNT
26	SAMPLES RECEIVED	.00	.00
26	JAW CRUSHING CHARGE	1.30	33.80
26	SPLITTING CHARGE	1.20	31.20
26	FINE MILLING CHARGE	2.00	52.00
26	Au (1 A.T. FIRE ASSAY)	8.00	208.00
26	HYDROCHLORIC/NITRIC DIGESTION	2.00	52.00
26	Ag ANALYSES	1.00	26.00
26	COMPOSITE CHARGE	1.00	26.00
7	MULTI-ELEMENT ICP PACKAGE	9.80	68.60
7	Se ANALYSIS	7.15	50.05

NET INVOICE:	[illegible]65
LESS DISCOUNT:	[illegible]53
FREIGHT	[illegible]
INVOICE TOTAL:	438.12

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ANALYSIS REPORT SP047945

American Assay Laboratories

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NEWMONT GOLD COMPANY

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

CLIENT REFERENCE No: RS-408
No. SAMPLES : 36
MAIN SAMPLE TYPE : DRILL CORE

RECEIVED : 21 JAN 1998
REPORTED : 21 JAN 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 SP047945

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-408

REPORTED : 21 JAN 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-408 2090-2095	<5		<0.001		<0.5	<0.02
RS-408 2095-2100	<5		<0.001		<0.5	<0.02
RS-408 2100-2105	<5		<0.001		<0.5	<0.02
RS-408 2105-2110	<5		<0.001		<0.5	<0.02
RS-408 2110-2115	6		<0.001		<0.5	<0.02
RS-408 2115-2120	<5		<0.001		<0.5	<0.02
RS-408 2120-2125	16		<0.001		0.9	0.03
RS-408 2125-2130	14		<0.001		1.0	0.03
RS-408 2130-2135	119	117	0.003	0.003	2.1	0.06
RS-408 2135-2140	47		0.001		1.1	0.03
RS-408 2140-2145	19		<0.001		0.5	<0.02
RS-408 2145-2150	<5		<0.001		<0.5	<0.02
RS-408 2150-2155	27		<0.001		1.1	0.03
RS-408 2155-2160	14		<0.001		0.7	0.02
RS-408 2160-2165	10		<0.001		0.9	0.03
RS-408 2165-2170	367	479	0.011	0.014	1.8	0.05
RS-408 2170-2175	16		<0.001		0.9	0.03
RS-408 2175-2180	<5		<0.001		<0.5	<0.02
RS-408 2180-2185	<5		<0.001		<0.5	<0.02
RS-408 2185-2190	<5		<0.001		<0.5	<0.02
RS-408 2190-2195	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-408 2195-2200	11		<0.001		<0.5	<0.02
RS-408 2200-2205	14		<0.001		<0.5	<0.02
RS-408 2205-2210	<5		<0.001		<0.5	<0.02
RS-408 2210-2215	<5		<0.001		<0.5	<0.02

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP047945

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-408

REPORTED : 21 JAN 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-408 2215-2220	<5		<0.001		<0.5	<0.02
RS-408 2220-2225	<5		<0.001		<0.5	<0.02
RS-408 2225-2230	<5		<0.001		<0.5	<0.02
RS-408 2230-2235	<5		<0.001		<0.5	<0.02
RS-408 2235-2240	6		<0.001		<0.5	<0.02
RS-408 2240-2245	<5		<0.001		<0.5	<0.02
RS-408 2245-2249	<5		<0.001		<0.5	<0.02
RS-408 2249-2253	14	15	<0.001	<0.001	<0.5	<0.02
RS-408 2253-2257	24	17	<0.001	<0.001	<0.5	<0.02
RS-408 2257-2263	<5		<0.001		<0.5	<0.02
RS-408 2263-2269	<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
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CLIENT: *NEWMONT GOLD COMPANY*
CLIENT REF: ROSEBUD EXPLORATION
AAL REF: SP047945
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
RS-408 2090-2110	2.5	0.67	4	< 3	74	< 3	0.83	< .2	< 1	2	4	1.28	20	0.3	72	0.05	527	< 1	0.05	1	0.011	23	< 3	< .1	189	17	< .01	< 8	1	< 2	47
RS-408 2110-2130	0.7	0.68	22	< 3	119	< 3	1.03	< .2	< 1	< 1	1	1.1	10	0.36	71	0.04	775	5	0.05	< 1	0.01	24	4	5.4	264	18	< .01	< 8	< 1	< 2	56
RS-408 2130-2150	1.2	0.63	52	< 3	97	< 3	0.26	< .2	< 1	< 1	3	1.27	20	0.33	70	0.04	587	4	0.05	< 1	0.011	26	6	11.9	261	17	< .01	< 8	< 1	< 2	77
RS-408 2150-2170	0.9	1.03	29	3	294	3	1.01	< .2	< 1	1	3	2.21	10	0.34	68	0.06	1024	2	0.05	1	0.008	27	< 3	6.1	206	17	< .01	< 8	< 1	< 2	119
RS-408 2170-2190	0.5	0.88	14	< 3	70	< 3	0.95	< .2	< 1	1	1	1.54	15	0.36	69	0.05	804	1	0.05	< 1	0.01	27	< 3	2.5	216	17	< .01	< 8	< 1	< 2	73
RS-408 2190-2210	0.5	0.78	19	< 3	72	3	1.17	< .2	< 1	3	2	1.42	15	0.37	73	0.04	823	3	0.05	1	0.01	24	< 3	3	203	19	< .01	< 8	< 1	< 2	68
RS-408 2210-2230	0.3	0.84	12	< 3	69	< 3	0.99	0.2	< 1	3	3	1.74	10	0.36	76	0.04	846	1	0.06	1	0.012	19	< 3	0.3	170	20	< .01	< 8	< 1	< 2	74
RS-408 2230-2249	0.4	0.84	25	< 3	419	< 3	1.04	0.2	< 1	1	3	1.45	25	0.35	73	0.05	838	2	0.05	1	0.01	25	3	1.8	234	18	< .01	< 8	< 1	< 2	89
RS-408 2249-2269	0.3	0.67	33	4	92	< 3	5.46	0.7	6	9	25	2.81	65	0.3	15	0.33	588	16	0.04	32	0.063	16	< 3	1.4	461	5	< .01	< 8	5	< 2	99
STANDARD C3	5.5	1.85	57	21	144	21	0.58	23.2	12	159	61	3.36	955	0.15	17	0.62	744	24	0.04	34	0.083	38	17	1.9	29	18	0.1	22	78	26	165
STANDARD G-1	< .3	1.02	10	< 3	245	< 3	0.63	< .2	5	102	3	2.14	< 10	0.47	7	0.65	560	2	0.07	9	0.076	5	< 3	0.2	73	4	0.15	< 8	41	< 2	47

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

(702) 356-0606

INVOICE NO: SP 0047945-IN
INVOICE DATE: 01/30/98

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-408	ROSEBUD EXPLOR.	NET 30 - DUE IN U.S. DOLLARS

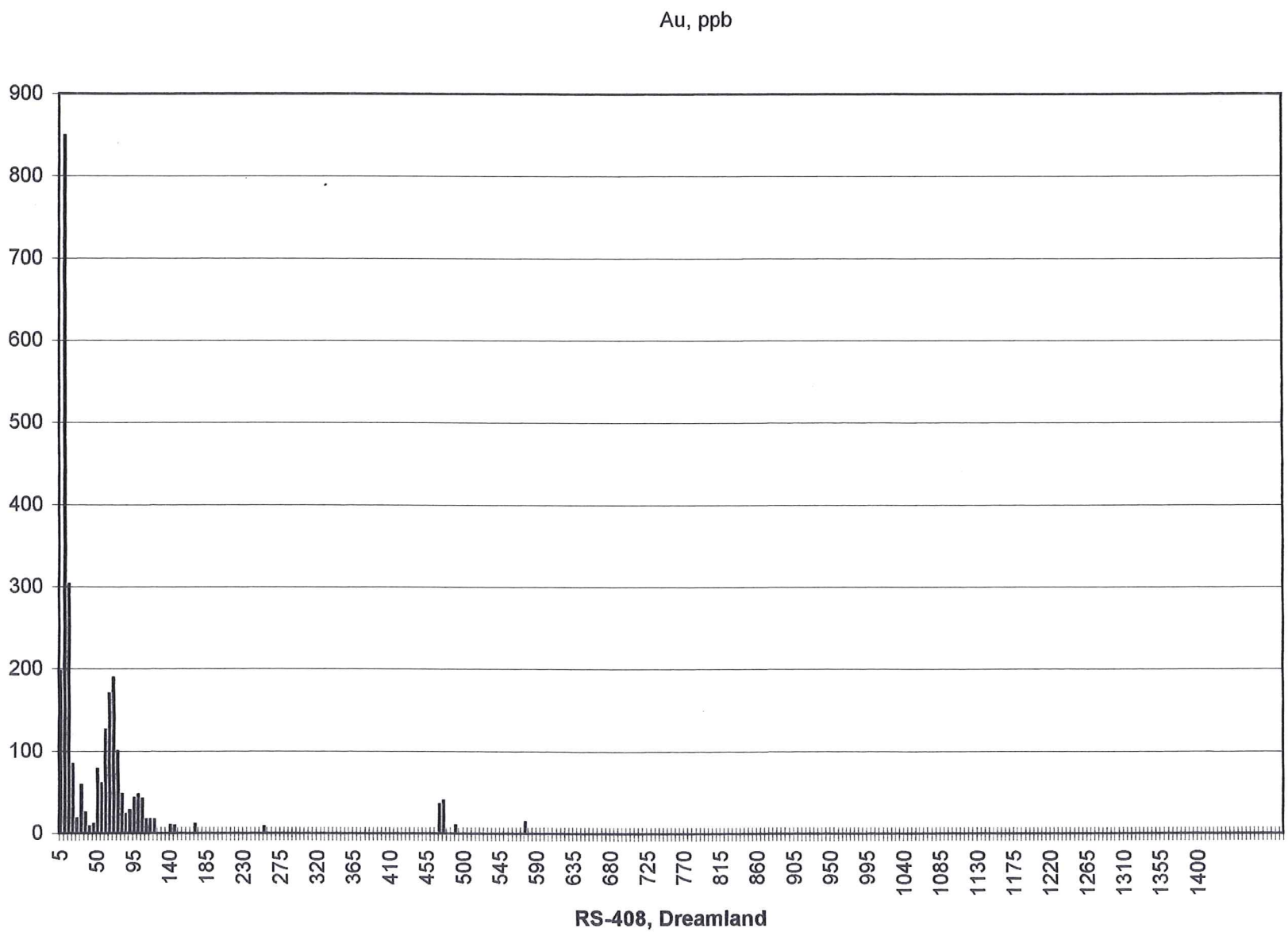
Core

QUANTITY	DESCRIPTION	PRICE	AMOUNT
36	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
36	Au (1 A.T. FIRE ASSAY)	8.00	288.00
36	HYDROCHLORIC/NITRIC DIGESTION	2.00	72.00
36	Ag ANALYSES	1.00	36.00
36	COMPOSITE CHARGE	1.00	36.00
9	MULTI-ELEMENT ICP PACKAGE	9.80	88.20

NET INVOICE:	[illegible].20
LESS DISCOUNT:	238.77
FREIGHT	.00
INVOICE TOTAL:	443.43

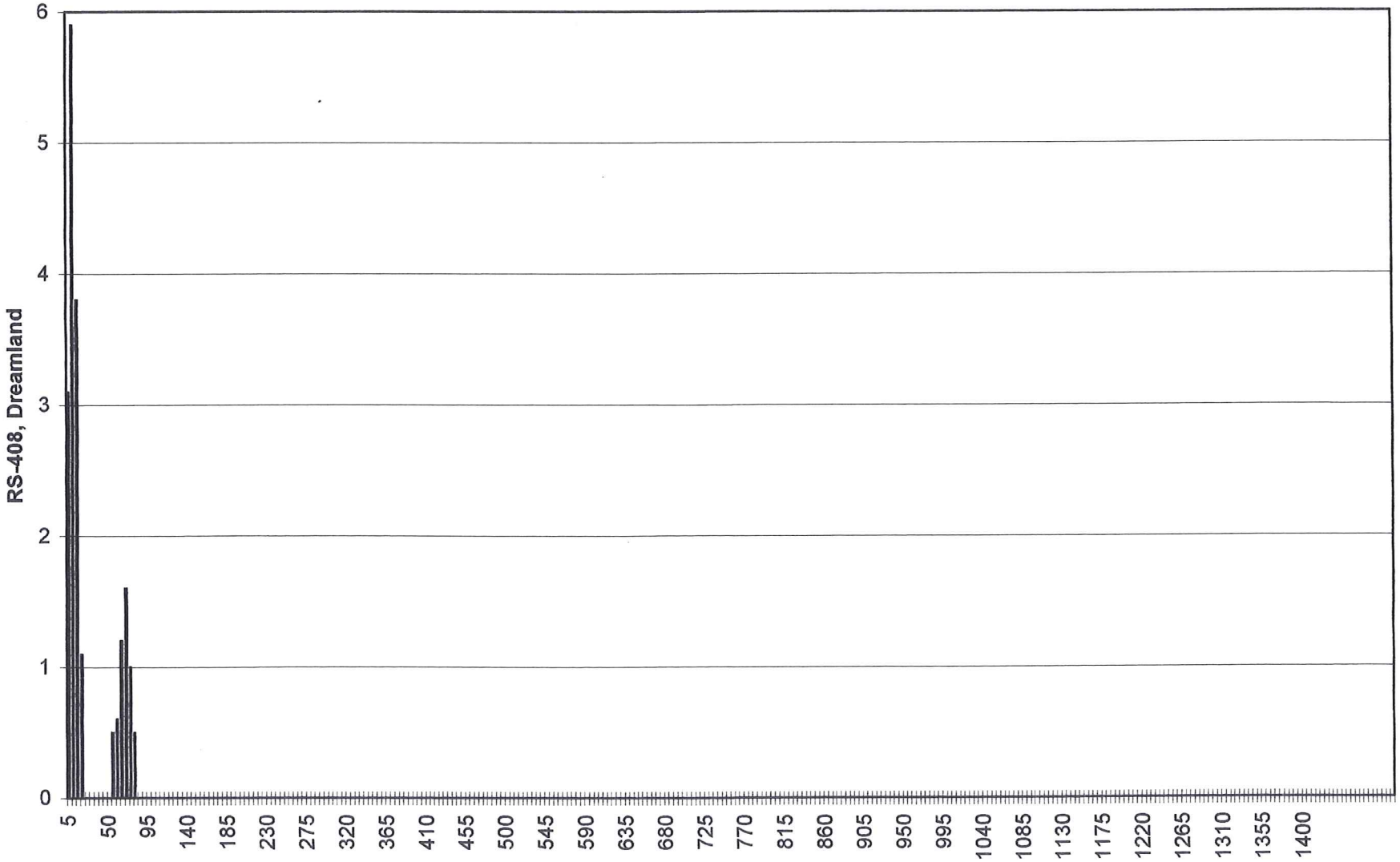
COPY

Au

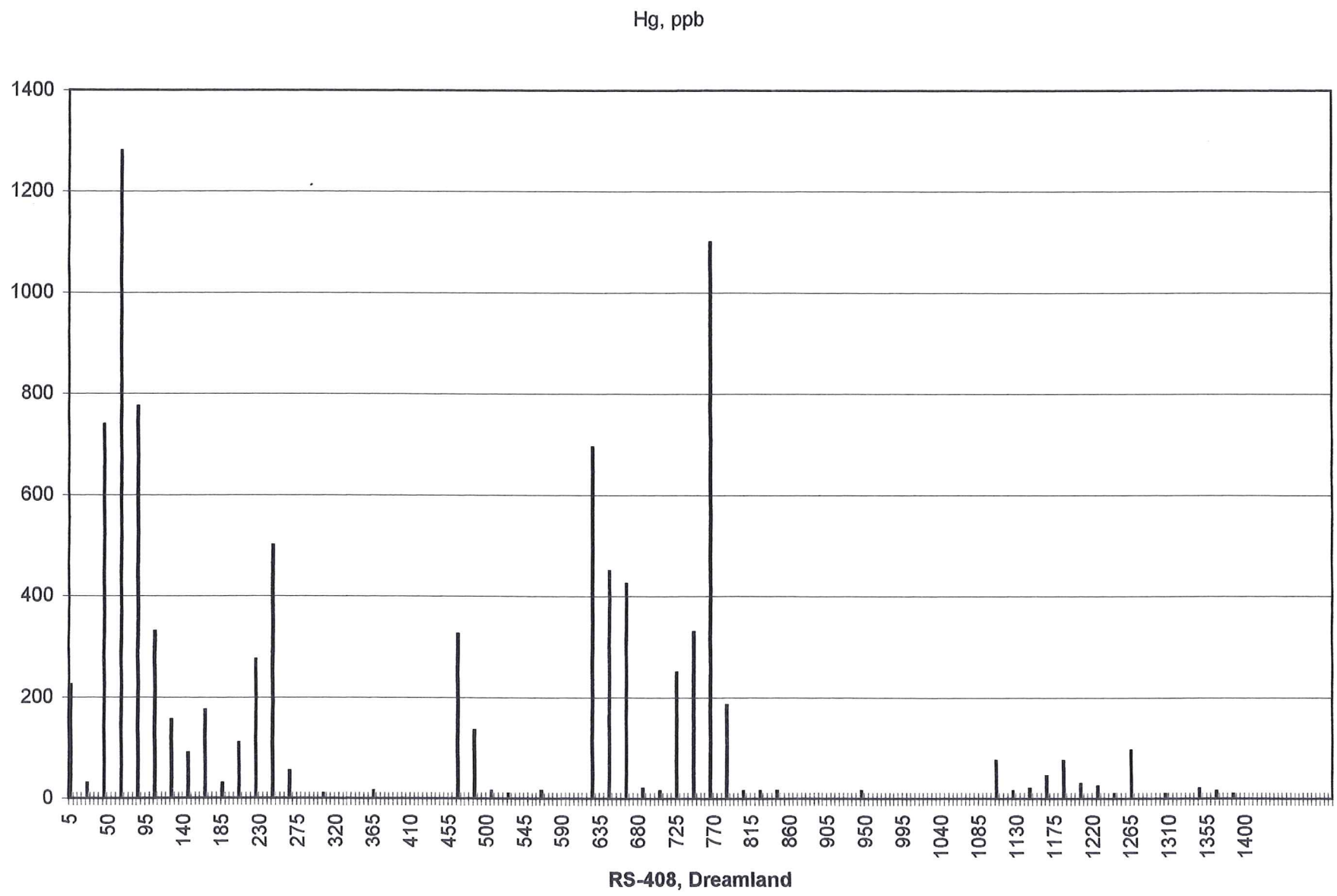

Au, ppb
900
800
700
600
500
400
300
200
100
0
5
50
95
140
185
230
275
320
365
410
455
500
545
590
635
680
725
770
815
860
905
950
995
1040
1085
1130
1175
1220
1265
1310
1355
1400
RS-408, Dreamland

Ag

Ag, ppm

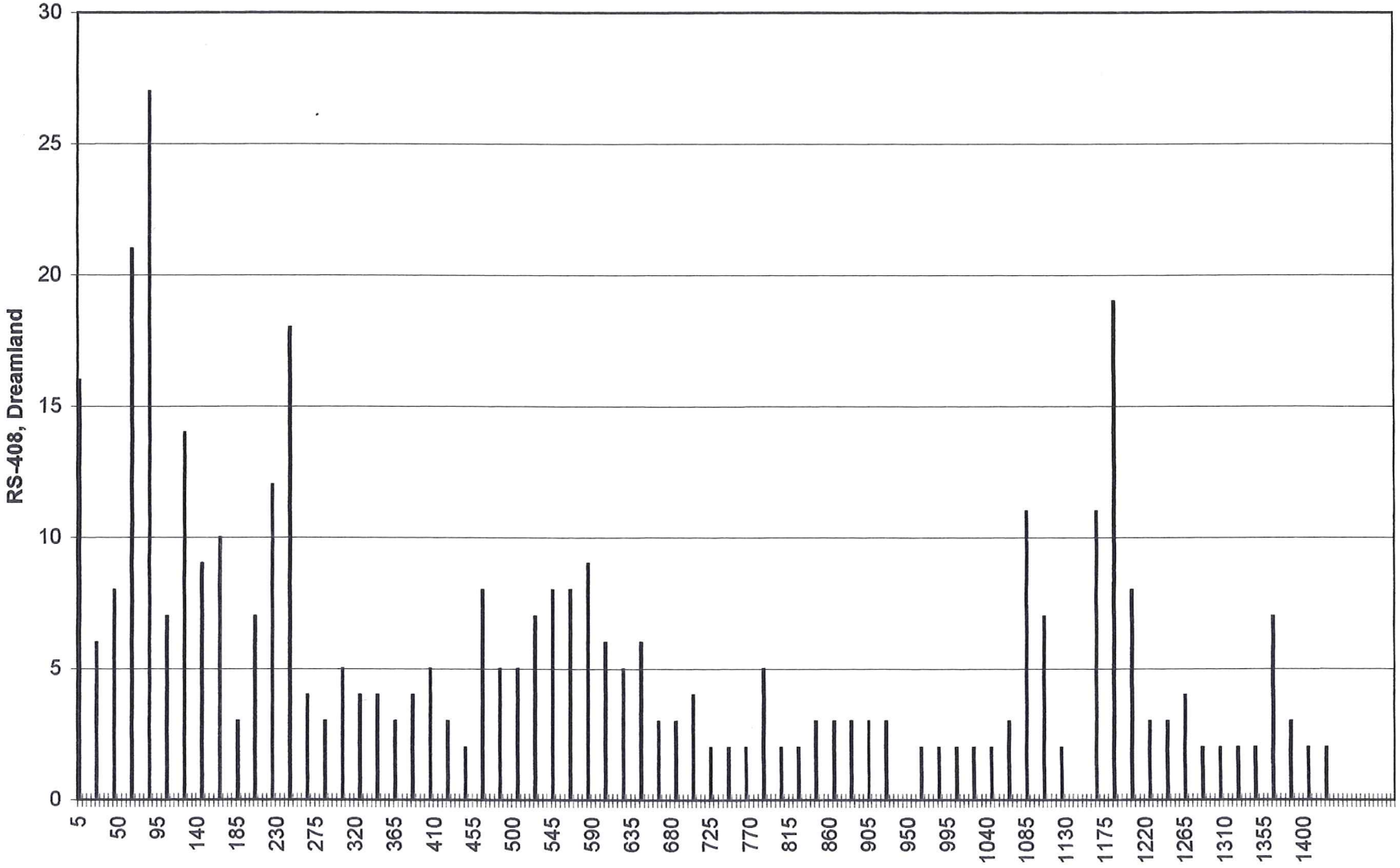

RS-408, Dreamland
0
1
2
3
4
5
6
5
50
95
140
185
230
275
320
365
410
455
500
545
590
635
680
725
770
815
860
905
950
995
1040
1085
1130
1175
1220
1265
1310
1355
1400

Hg


Hg, ppb
1400
1200
1000
800
600
400
200
0
5
50
95
140
185
230
275
320
365
410
455
500
545
590
635
680
725
770
815
860
905
950
995
1040
1085
1130
1175
1220
1265
1310
1355
1400
RS-408, Dreamland

As

As, ppm


RS-408, Dreamland
30
25
20
15
10
5
0
5
50
95
140
185
230
275
320
365
410
455
500
545
590
635
680
725
770
815
860
905
950
995
1040
1085
1130
1175
1220
1265
1310
1355
1400

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AMERICAN ASSAY LABORATORIES
1500 GLENDALE AVE.
SPARKS, NV 89431

(702) 356-0606

INVOICE NO: SP 0046653-IN
INVOICE DATE: 10/22/97

INVOICE TO:
NEWMONT EXPLORATION
ROSEBUD MINE
P.O. BOX 2610
WINNEMUCCA NV 89446

NEWMONT EXPLORATION
ROSEBUD MINE
P.O. BOX 2610
WINNEMUCCA NV 89446

CUSTOMER P.O.	PROJECT	TERMS
RS-408 Precollar	ROSEBUD EXPLOR.	NET 30 - DUE IN U.S. DOLLARS

QUANTITY	DESCRIPTION	PRICE	AMOUNT
286	SAMPLES RECEIVED	.00	.00
286	DRYING	1.00	286.00
286	EXCESSIVE WETNESS	1.00	286.00
286	JAW CRUSHING CHARGE	1.30	371.80
286	SPLITTING CHARGE	1.20	343.20
286	FINE MILLING CHARGE	2.00	572.00
286	Au (1 A.T. FIRE ASSAY)	8.00	2,288.00
286	HYDROCHLORIC/NITRIC DIGESTION	2.00	572.00
286	Ag ANALYSES	1.00	286.00
286	COMPOSITE CHARGE	1.00	286.00
72	MULTI-ELEMENT ICP PACKAGE	9.80	705.60

NET INVOICE:	5,996.60
LESS DISCOUNT:	1,199.32
FREIGHT:	.00
INVOICE TOTAL:	4,797.28

SP

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(702) 738-9100
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(702) 738-2594

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

Other Offices
Lima, Peru
Santiago, Chile
Mendoza, Argentina

Company: Newmont Exploration - Rosebud Mine

Address: P.O. Box 2610

City Winnemucca State NV Zip 89446

Telephone Number: (702) 623-6912 Fax Number: (702) 623-6967

Project Name: Rosebud Exploration Purchase Order Number:

Date Submitted: 10/6/97 Number of Samples: 286

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

RS SAMPLE IDENTIFICATION	TYPE	ELEMENTS REQUIRED
~~97~~-408	RC	Au/Ag FA/AA each sample (5')
0-1430' T.D.		
		and
		ICP pkg on 4-sample composites (20')
		and
		Hg by AA on 4-sample composites (20')

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:

Bob Kastelic / Randy Vance
Rosebud Mine

Results to:

Rick Lisle - Newmont Exploration
Winnemucca
Randy Vance } Rosebud Mine
Kurt Allen }

Comments:

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Company: Newmont Exploration

Address: 861 W. 6th street

City Winnemucca State NV Zip 89445

Telephone Number: (702) 623-3493 Fax Number: (702) 623-1052

Project Name: Rosebud Exploration Purchase Order Number:

Date Submitted: 2-19-98 Number of Samples: 13

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

SAMPLE IDENTIFICATION	TYPE	ELEMENTS REQUIRED
RS-408	core	Au, Ag FA/AA each sample
1431.0 - 1540.0 As shown		and (FA30 & DA10)
on the attached list		ICP Pkg on 4-sample composite,
		and Se and
		Hg-AA on the composites
		(AAL72 + Se)

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
Newmont Exploration
Winnemucca

Results to:

Randy Vance
Newmont Exploration
861 W. 6th Street
Winnemucca, NV 89445

Comments:

Newmount Rosebud Standard Rep

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1431	1433.2
1433.2	1442.5
1442.5	1452.3
1452.3	1457.2
1457.2	1467
1467	1477
1477	1486.9
1486.9	1497.4
1497.4	1507.3
1507.3	1517.3
1517.3	1522.3
1522.3	1531
1531	1540

	FROM	TO	
RS-408	1963	1968	
	1968	1973	
	1973	1978	
	1978	1983	
	1983	1988	
	1988	1993	
	1993	1998	
	1998	2003	
	2003	2008	
	2008	2013	10
	2013	2018	
	2018	2023	
	2023	~~2032~~ 2028;	2028 - 2032.
	2032	2036	
	2036	2040	
	2040	2045	
	2045	2050	
	2050	2055	
	2055	2060	
	2060	2065	20
	2065	2070	
	2070	2075	
	2075	2080	
	2080	2085	
	2085	2090	25

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Other Offices
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Santiago, Chile
Mendoza, Argentina

Company: Newmont Exploration

Address: 861 W. 6th street

City Winnemucca State NV Zip 89445

Telephone Number: (702) 623-3493 Fax Number: (702) 623-1052

Project Name: Rosebud Exploration Purchase Order Number:

Date Submitted: 1-20-98 Number of Samples: 36

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

SAMPLE IDENTIFICATION	TYPE	ELEMENTS REQUIRED
RS-408: 2090 - 2269	core	Au FA30 & Ag DA10 each sample
see attached list		
		AAL 1/2 + Se (ICP package + Hg - Se)
		on 4-sample composites

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
Newmount Exploration
Winnemucca

Results to:
Randy Vance
Newmont Exploration
861 W. 6th street
Winnemucca, NV 89445

Comments:
Newmont Rosebud standard Prep

CLIENT FILE COPY

2090	2095
2095	2100
2100	2105
2105	2110
2110	2115
2115	2120
2120	2125
2125	2130
2130	2135
2135	2140
2140	2145
2145	2150
2150	2155
2155	2160
2160	2165
2165	2170
2170	2175
2175	2180
2180	2185
2185	2190
2190	2195
2195	2200
2200	2205
2205	2210
2210	2215
2215	2220
2220	2225
2225	2230
2230	2235
2235	2240
2240	2245
2245	2249
2249	2253
2253	2257
2257	2263
2263	2269

Rosebud Exploration

11/22/93

CORE CUTTING, SAMPLE NUMBER and FOOTAGE LOG

Sheet 1 of 1

Hole # RS-408

Date Started 2/9/98

Geologist G. Langstaff

Date Finished 2/9/98

Sample # 13 samples

Date to Lab

From	To
1431.0	1433.2
~~1433.2~~	~~1437.5~~
1433.2	1442.5
~~1442.5~~	~~1447.2~~
1442.5	1452.3
1452.3	1457.2
~~1457.2~~	~~1463.1~~
1457.2	1467.0
~~1467.0~~	~~1471.9~~
1467.0	1477.0
~~1477.0~~	~~1482.0~~
1477.0	1486.9
~~1486.9~~	~~1492.2~~
1486.9	1497.4
~~1497.4~~	~~1502.4~~
1497.4	1507.3
~~1507.3~~	~~1512.2~~
1507.3	1517.3
1517.3	1522.3
~~1522.3~~	~~1526.8~~

From	To
1522.3	1531.0
~~1531.0~~	~~1535.9~~
1531.0	1540.0

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Santiago, Chile
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Company: Newmont Exploration

Address: 861 W. 6th St.

City Winnemucca State NV Zip 89445

Telephone Number: (702) 623-3493 Fax Number: (702) 623-1052

Project Name: Rosebud Exploration Purchase Order Number:

Date Submitted: 11/20/97 Number of Samples: 49

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

SAMPLE IDENTIFICATION	TYPE	ELEMENTS REQUIRED
RS-408: 1540-1750', as shown	core	Au, Ag FA/AA each sample
on attached List		and
		ICP Pkg on 4-Sample Composites
		and
		Hg-AA on the Composites

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
Newmont Exploration
Winnemucca

Results to:

Randy Vance
(above address)

Comments: Newmont Rosebud Standard Prep

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RS-408

Assay and geochem

	From	To
	1540	1545
	1545	1550
	1550	1553.5
	1553.5	1559
	1559	1564
	1564	1569
	1569	1574
	1574	1577.5
	1577.5	1580
	1580	1583
	1583	1586.5
	1586.5	1589.5
	1589.5	1592.5
	1592.5	1596.5
	1596.5	1600
	1600	1605
	1605	1609
	1609	1613
	1613	1617
	1617	1622
	1622	1627
	1627	1632
	1632	1637
	1637	1642
	1642	1647
	1647	1650
	1650	1654
	1654	1655
	1655	1657
	1657	1661
	1661	1665
	1665	1670
	1670	1675
	1675	1680
	1680	1685
	1685	1690
	1690	1695
	1695	1700
	1700	1704.5
	1704.5	1706
	1706	1710
	1710	1715
	1715	1720
	1720	1725
	1725	1730
	1730	1735
	1735	1740
	1740	1745
49	1745	1750
	~~1750~~	~~1755~~
	~~1755~~	~~1760~~

408

Core Splitting Worksheet

X1540-45
1545-50
1550-1553.5

Sheet 1

Hole No.							
Box No.	Footage	Box No.	Footage	Box No.	Footage	Box No.	Footage
1	1553.5-59	26	1670-	51	1790-	76	
2	1559-1564	27	1675-	52	1795-	77	
3	1564-1569	28	1680-	53	1800-	78	
4	1574-1577.5	29	1685-	54	1805-	79	
5	1577.5-1580	30	1690-	55	1810-	80	
6	1580-1583	31	1695-	56	1815-	81	
7	1583-1586.5	32	1700-1704.5	57	1820-	82	
8	1586.5-	33	1704.5-1706	58	1826-	83	
9	1589.5-	34	1706-	59	1832-	84	
10	1592.5-	35	1710-	60	1837-	85	
11	1596.5	36	1715-	61	1842-	86	
12	1600 1605-	37	1720-	62	1847-	87	
13	1609	38	1725-	63	1852-	88	
14	1613	39	1730-	64	1856-	89	
15	1617 1622	40	1735-	65	1860-1864.6	90	
16	1627 1632	41	1740-	66	1864.6-1867.5	91	
17	1637	42	1745-	67	1867.5-1870	92	
18	1642	43	1750-	68	1870-	93	
19	1647	44	1755-	69	1875-	94	
20	1650	45	1760-	70	1880-	95	
21	1654-55	46	1765-	71	1885-	96	
22	1655-	47	1770- SS	72	1890-	97	
23	1657	48	1775-	73	1895-	98	
24	1661-	49	1780-	74 RV	1900-1904	99	
25	1665-	50	1785-	75		100	

Sheet 2/

408C

Hole No.							
Box No.	Footage	Box No.	Footage	Box No.	Footage	Box No.	Footage
1	1852 -	26	1953 -	51	2075 -	76	
2	1856	27	1958 -	52	2080 -	77	
3	1860 -	12/8 28	1963 -	53	2085-2090	78	
4	1864 -	29	1968 -	12/17 54	2090 -	79	
5	1867 -	30	1973 -	55	2095 -	80	
6	1870	31	1978 -	56	2100 -	81	
7	1875	32	1983 -	57	2105 -	82	
8	1880	33	1988 -	58	2110 -	83	
9	1885	34	1993 -	59	2115 -	84	
10	1890	35	1998 -	60	2120 -	85	
11	1895	36	2003 -	61	2125 -	86	
12	1900-04	37	2008 -	62	2130 -	87	
13	1904 -	38	2013 -	63	2135 -	88	
14	1908 -	12/19 39	2018 -	64	2140 -	89	
15	1912 -	40	2023-2028	65	2145 -	90	
16	1916 -	41	2028-2032	66	2150-2155	91	
17	1920 -	42	2032 -	67	21 -	92	
18	1922 -	43	2036 -	68	21 -	93	
19	1924 -	44	2040 -	69	21 -	94	
20	1926 -	45	2045 -	70		95	
21	1929-33	46	2050 -	71		96	
22	1933 -	47	2055 -	72		97	
23	1938 -	48	2060 -	73		98	
24	1943 -	49	2065 -	74		99	
25	1948 -	50	2070 -	75		100	

RV

SS

1856/1860/1864.6/67.5

hold 1775-1780

1900-04/08/12/16/20/22/24

1926/29/33

Rosebud Exploration

11/22/93

CORE CUTTING, SAMPLE NUMBER and FOOTAGE LOG

Sheet 1 of 1

Hole # RS-408

Geologist Randy

Sample #

Date Started

Date Finished

Date to Lab

From	To
2130	2135
2135	
2140	
2145	
2150	
2155	
2160	
2165	
2170	
2175	
2180	
2185	
2190	
2195	
2200	
2205	
2210	
2215	
2220	
2225	2230

From	To
2230	2235
2235	
2240	
2245	
2249	
2253	
2257	
2263	2269
~~22~~	T.D.
START:	
2110	2115
2115	2120
2120	2125
2125	2130

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Santiago, Chile
Mendoza, Argentina

Company: Newmont Exploration

Address: 861 W. 6th St.

City Winnemucca State NV Zip 89445

Telephone Number: (702) 623-3493 Fax Number: (702) 623-1052

Project Name: Rosebud Explor. Purchase Order Number:

Date Submitted: 12/9/97 Number of Samples: 26

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

SAMPLE IDENTIFICATION	TYPE	ELEMENTS REQUIRED
RS-408:	Core	Au, Ag FA/AA each sample
		and
1963 – 2090, As shown		ICP PKg on 4-Sample Composites,
on the attached List		and Se and
		Hg-AA on the composites
		(*No more 5 ft ICP in this hole.)

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
Newmont Exploration
Winnemucca

Note: Not Rosebud Mine

Results to:

Randy Vance
(Above address)

Comments:

Newmont Rosebud Standard Prep

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(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 Exploration

Address: 861 W. 6th Street

City Winnemucca State NV Zip 89445

Telephone Number: (702) 623-3493 Fax Number: (702) 623-1052

Project Name: Rosebud Exploration Purchase Order Number:

Date Submitted: 12/6/97 Number of Samples: 20

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

SAMPLE IDENTIFICATION		TYPE	ELEMENTS REQUIRED
RS-408		Core	~~B~~Au/Ag by FA/AA each sample
1820-1826	1933-1938		and
1826-1832	1938-1943		ICP package on 4-sample composites
1832-1837	1943-1948		and
1837-1842	1948-1953		Hg-AA on 4-sample composites
1842-1847	1953-1958		
1847-1852	1958-1963		
1852-1856			
1867.5-1870			
1870-1875			
1875-1880			
1880-1885			
1885-1890			
1890-1895			
1895-1900			

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
Newmont Exploration
Winnemucca

Results to:

Randy Vance
Newmont Exploration
861 W. 6th Street
Winnemucca, NV 89445

Comments:

Newmont Rosebud Standard Prep

CLIENT FILE COPY

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 Exploration

Address: 861 W. 6th Street

City Winnemucca State NV Zip 89445

Telephone Number: (702) 623-3453 Fax Number: (702) 623-1052

Project Name: Rosebud Exploration Purchase Order Number:

Date Submitted: 11/23/97 Number of Samples: 14

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

SAMPLE IDENTIFICATION	TYPE	ELEMENTS REQUIRED
RS-408	Core	Au, Ag FA/AA each sample (5')
1750-1755		and
1755-1760		ICP package on 4-sample composite (20')
1760-1765		and
1765-1770		Hg-AA on 4-sample composite (20')
1770-1775		
1775-1780		total of 5 composites with one
1780-1785		composite of only 2 samples
1785-1790		(1810-1815, 1815-1820)
1790-1795		
1795-1800		
1800-1805		
1805-1810		
1810-1815		
1815-1820		

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
Newmont Exploration
Winnemucca

Results to:

Randy Vance
Newmont Exploration
861 W. 6th Street
Winnemucca, NV 89445

Comments:

Newmont Rosebud Standard Prep

CLIENT FILE COPY

SP

SUBMITTAL FORM

American Assay Laboratories

Geochemical • Environmental • Metallurgical

Sparks Office
1500 Glendale Ave.
Nevada 89431
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2320 Last Chance Rd.
Nevada 89801
Box 2908
Elko, NV 89801
Telephone
(702) 738-9100
Fax
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Mazatlan Office
Telephone/Fax
011-52-69-170035

Other Offices
Lima, Peru
Santiago, Chile
Mendoza, Argentina

Company: Newmont Exploration

Address: 861 W. 6th St

City Winnemucca State NV Zip 89445

Telephone Number: (702) 623-3493 Fax Number: (702) 623-1052

Project Name: Rosebud Expl. Purchase Order Number:

Date Submitted: 11/21/97 Number of Samples: 13

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

	SAMPLE IDENTIFICATION	TYPE	ELEMENTS REQUIRED
	RS-408:	core	Au, Ag FA/AA each sample
1	1856-60		and EACH SAMPLE
2	1860-64.6		ICP Pkg on ~~4 sample Composites~~
3	1864.6-1867.5		and
	~~1867.5-1870~~		Hg-AA on the Composites
4	1900-1904 13 1929-1933		(This shipment only)
	1904-1908		
	1908-1912		
	1912-1916		
	1916-1920		
9	1920-1922		
	1922-1924		
	1924-1926		
12	1926-1929		

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
Newmont Explor.
Winnemucca

Results to:

Randy Vance
(above address)

Comments:

Newmont Rosebud Standard Prep.

CLIENT FILE COPY

WELLBORE NAVIGATION, INC.
WINNEMUCCA, NEVADA

GYROSCOPIC DIRECTIONAL SURVEY
BY MINIMUM CURVATURE

FOR

****
* NEWMONT GOLD COMPANY *
****

JOB NUMBER: 29-0521-311

WELL NAME: RS-408 / Vertical (plan view)

LOCATION: ROSEBUD MINE

SURVEY DATE: 11/02/97

SURVEY ENGINEER: VERN REID

GYRO REFERENCE BEARING: 274.50
TIE-ON COORDINATES AT: 0 M.D.
TAKEN FROM: COLLAR

****
****** DEPTH MEASURED IN FEET *******
****

COMMENTS: ** BOART LONGYEAR **
**** NORMAN JEX ****
**** MIKE PENTZ ****
PROJECTED F/1988' T/2000'.

****
****
*** THIS DIRECTIONAL SURVEY REPORT IS ****
** CORRECT TO THE BEST OF MY KNOWLEDGE ***
* AND IS SUPPORTED BY ACTUAL FIELD DATA! *
**
**
**
****
** COMPANY REPRESENTATIVE **
****
****

WELLBORE NAVIGATION, INC.
WINNEMUCCA, NEVADA

JOB NUMBER: 29-0521-311 WELL NAME: RS-408

INRUN SURVEY
BY MINIMUM CURVATURE

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	L/R CLOS.	INCL HORZ	BEARING AZIMUTH	COORDINATES LATITUDE	COORDINATES DEPARTURE	D-LEG /100	D-LEG /CL	STATION DISP.	DISPLACEMENT DIRECTION	TEMP. DEG. F.
0.0	0.00	0.00	0.000	-88.53	200.40	0.00 N	0.00 E	0.00		0.00	AT 000.00	
50.0	49.97	1.54	0.908	-87.30	223.17	1.46 S	1.03 W	2.92	1.46	1.79	AT 215.18	074.71
100.0	99.90	3.54	2.575	-86.73	225.45	3.32 S	2.85 W	1.16	0.58	4.38	AT 220.66	075.07
150.0	149.80	5.65	4.979	-85.87	239.47	5.23 S	5.42 W	2.48	1.24	7.53	AT 225.99	075.72
200.0	199.65	7.86	8.086	-85.39	239.05	7.18 S	8.69 W	0.96	0.48	11.28	AT 230.43	076.37
250.0	249.50	10.11	11.264	-85.67	239.48	9.17 S	12.04 W	0.56	0.28	15.14	AT 232.70	076.65
300.0	299.35	12.37	14.370	-85.52	237.77	11.17 S	15.32 W	0.40	0.20	18.96	AT 233.89	077.01
350.0	349.21	14.58	17.387	-85.90	239.12	13.13 S	18.51 W	0.79	0.39	22.69	AT 234.64	077.81
400.0	399.09	16.55	20.201	-86.23	240.33	14.86 S	21.47 W	0.68	0.34	26.11	AT 235.30	078.53
450.0	448.99	18.48	22.686	-86.53	232.77	16.59 S	24.10 W	1.13	0.56	29.26	AT 235.45	079.39
500.0	498.90	20.43	24.935	-86.64	234.62	18.36 S	26.50 W	0.31	0.16	32.24	AT 235.29	079.97
550.0	548.81	22.31	27.242	-86.54	236.30	20.04 S	28.95 W	0.28	0.14	35.21	AT 235.30	080.69
600.0	598.73	24.00	29.602	-86.79	241.82	21.54 S	31.44 W	0.81	0.41	38.11	AT 235.58	081.34
650.0	648.65	25.45	31.978	-86.83	244.78	22.79 S	33.92 W	0.34	0.17	40.87	AT 236.10	082.35
700.0	698.57	26.98	34.445	-86.51	241.05	24.12 S	36.51 W	0.77	0.39	43.75	AT 236.55	083.07
750.0	748.48	28.72	36.934	-86.53	238.40	25.65 S	39.13 W	0.32	0.16	46.78	AT 236.76	083.72
800.0	798.39	30.53	39.334	-86.57	236.68	27.26 S	41.67 W	0.22	0.11	49.79	AT 236.80	084.59
850.0	848.30	32.42	41.624	-86.62	233.50	28.96 S	44.10 W	0.39	0.20	52.76	AT 236.71	085.53
900.0	898.21	34.30	43.853	-86.69	235.38	30.66 S	46.47 W	0.26	0.13	55.67	AT 236.59	086.25
950.0	948.12	36.49	46.019	-86.21	224.00	32.67 S	48.81 W	1.70	0.85	58.73	AT 236.21	087.12
1000.0	998.01	39.04	47.996	-86.38	220.65	35.05 S	50.99 W	0.55	0.28	61.87	AT 235.49	087.84
1050.0	1047.89	41.90	49.917	-85.72	216.75	37.74 S	53.13 W	1.42	0.71	65.17	AT 234.61	089.07
1100.0	1097.78	44.81	51.554	-86.61	210.47	40.51 S	55.00 W	1.97	0.98	68.31	AT 233.62	089.64
1150.0	1147.71	47.27	52.664	-87.20	207.05	42.88 S	56.30 W	1.24	0.62	70.77	AT 232.71	090.66
1200.0	1197.65	49.60	53.013	-87.23	179.07	45.17 S	56.84 W	2.69	1.35	72.60	AT 231.52	091.52
1250.0	1247.60	51.84	52.501	-87.45	163.78	47.45 S	56.51 W	1.48	0.74	73.78	AT 229.98	092.32
1300.0	1297.51	54.42	51.215	-85.93	154.52	50.12 S	55.43 W	3.21	1.61	74.73	AT 227.88	092.90
1350.0	1347.30	58.18	48.579	-83.50	146.53	54.08 S	53.11 W	5.07	2.53	75.80	AT 224.48	093.47
1400.0	1396.98	62.61	45.175	-83.67	147.63	58.77 S	50.07 W	0.42	0.21	77.21	AT 220.43	094.63
1450.0	1446.67	67.07	41.724	-83.38	146.17	63.49 S	46.99 W	0.67	0.33	78.99	AT 216.51	095.72
1500.0	1496.35	71.35	38.084	-83.71	142.20	68.05 S	43.71 W	1.11	0.55	80.88	AT 212.71	096.95
1550.0	1546.06	75.35	34.520	-83.98	143.72	72.33 S	40.48 W	0.63	0.32	82.88	AT 209.23	098.10
1600.0	1595.77	79.32	30.872	-83.64	140.42	76.58 S	37.16 W	0.98	0.49	85.12	AT 205.89	099.12
1650.0	1645.48	83.15	27.092	-84.00	139.57	80.70 S	33.70 W	0.74	0.37	87.45	AT 202.67	100.27
1700.0	1695.21	86.80	23.408	-84.10	139.08	84.63 S	30.32 W	0.22	0.11	89.90	AT 199.71	101.14
1750.0	1744.95	90.43	19.819	-84.17	140.90	88.54 S	27.04 W	0.40	0.20	92.58	AT 196.98	102.16
1800.0	1794.66	94.28	16.118	-83.57	140.60	92.68 S	23.66 W	1.20	0.60	95.65	AT 194.32	102.95

WELLBORE NAVIGATION, INC.
WINNEMUCCA, NEVADA

JOB NUMBER: 29-0521-311 WELL NAME: RS-408

INRUN SURVEY
BY MINIMUM CURVATURE

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	L/R CLOS.	INCL HORZ	BEARING AZIMUTH	COORDINATES LATITUDE	COORDINATES DEPARTURE	D-LEG /100	D-LEG /CL	STATION DISP.	DISPLACEMENT DIRECTION	TEMP. DEG. F.
1850.0	1844.35	98.25	12.168	-83.56	138.97	96.96 S	20.04 W	0.37	0.18	99.01	AT 191.68	103.68
1900.0	1894.02	102.26	8.158	-83.43	140.13	101.27 S	16.37 W	0.37	0.19	102.58	AT 189.18	104.33
1950.0	1943.70	106.28	4.101	-83.44	138.68	105.61 S	12.65 W	0.33	0.17	106.36	AT 186.83	104.62
1988.0	1981.45	109.33	0.984	-83.39	139.22	108.89 S	9.79 W	0.21	0.08	109.33	AT 185.14	104.76
2000.0	1993.37	110.29	-0.002	-83.41	138.73	109.93 S	8.88 W	0.49	0.06	110.29	AT 184.62	104.91

THE HORIZONTAL DISPLACEMENT AT THE DEPTH OF
2000.0 FEET EQUALS 110.29 FEET AT 184.62

WELLBORE NAVIGATION, INC.
WINNEMUCCA, NEVADA

GYROSCOPIC DIRECTIONAL SURVEY
BY MINIMUM CURVATURE

FOR

****
* NEWMONT GOLD COMPANY *
****

JOB NUMBER: 29-0521-311

WELL NAME: RS-408 / VS 035.00

LOCATION: ROSEBUD MINE

SURVEY DATE: 11/02/97

SURVEY ENGINEER: VERN REID

GYRO REFERENCE BEARING: 274.50
TIE-ON COORDINATES AT: 0 M.D.
TAKEN FROM: COLLAR

VERTICAL SECTION CALCULATED IN A
PROPOSAL DIRECTION OF: 125.00

****
****** DEPTH MEASURED IN FEET *******
****

COMMENTS: ** BOART LONGYEAR **
**** NORMAN JEX ****
**** MIKE PENTZ ****
PROJECTED F/1988' T/2000'.

****
****
*** THIS DIRECTIONAL SURVEY REPORT IS ****
** CORRECT TO THE BEST OF MY KNOWLEDGE ***
* AND IS SUPPORTED BY ACTUAL FIELD DATA! *
**
**
** ********** **
** COMPANY REPRESENTATIVE **
****
****

WELLBORE NAVIGATION, INC.
WINNEMUCCA, NEVADA

JOB NUMBER: 29-0521-311 WELL NAME: RS-408 / VS 035.00

INRUN SURVEY
BY MINIMUM CURVATURE

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	L/R PROP.	INCL HORZ	BEARING AZIMUTH	COORDINATES LATITUDE	COORDINATES DEPARTURE	D-LEG /100	D-LEG /CL	STATION DISP.	DISPLACEMENT DIRECTION	TEMP. DEG. F.
0.0	0.00	0.00	0.000	-88.53	200.40	0.00 N	0.00 E	0.00		0.00	AT 000.00	
50.0	49.97	-0.01	1.786	-87.30	223.17	1.46 S	1.03 W	2.92	1.46	1.79	AT 215.18	074.71
100.0	99.90	-0.43	4.355	-86.73	225.45	3.32 S	2.85 W	1.16	0.58	4.38	AT 220.66	075.07
150.0	149.80	-1.44	7.396	-85.87	239.47	5.23 S	5.42 W	2.48	1.24	7.53	AT 225.99	075.72
200.0	199.65	-3.00	10.870	-85.39	239.05	7.18 S	8.69 W	0.96	0.48	11.28	AT 230.43	076.37
250.0	249.50	-4.60	14.422	-85.67	239.48	9.17 S	12.04 W	0.56	0.28	15.14	AT 232.70	076.65
300.0	299.35	-6.14	17.941	-85.52	237.77	11.17 S	15.32 W	0.40	0.20	18.96	AT 233.89	077.01
350.0	349.21	-7.63	21.373	-85.90	239.12	13.13 S	18.51 W	0.79	0.39	22.69	AT 234.64	077.81
400.0	399.09	-9.06	24.490	-86.23	240.33	14.86 S	21.47 W	0.68	0.34	26.11	AT 235.30	078.53
450.0	448.99	-10.22	27.417	-86.53	232.77	16.59 S	24.10 W	1.13	0.56	29.26	AT 235.45	079.39
500.0	498.90	-11.18	30.238	-86.64	234.62	18.36 S	26.50 W	0.31	0.16	32.24	AT 235.29	079.97
550.0	548.81	-12.22	33.024	-86.54	236.30	20.04 S	28.95 W	0.28	0.14	35.21	AT 235.30	080.69
600.0	598.73	-13.40	35.679	-86.79	241.82	21.54 S	31.44 W	0.81	0.41	38.11	AT 235.58	081.34
650.0	648.65	-14.72	38.128	-86.83	244.78	22.79 S	33.92 W	0.34	0.17	40.87	AT 236.10	082.35
700.0	698.57	-16.07	40.695	-86.51	241.05	24.12 S	36.51 W	0.77	0.39	43.75	AT 236.55	083.07
750.0	748.48	-17.34	43.451	-86.53	238.40	25.65 S	39.13 W	0.32	0.16	46.78	AT 236.76	083.72
800.0	798.39	-18.49	46.230	-86.57	236.68	27.26 S	41.67 W	0.22	0.11	49.79	AT 236.80	084.59
850.0	848.30	-19.51	49.017	-86.62	233.50	28.96 S	44.10 W	0.39	0.20	52.76	AT 236.71	085.53
900.0	898.21	-20.48	51.768	-86.69	235.38	30.66 S	46.47 W	0.26	0.13	55.67	AT 236.59	086.25
950.0	948.12	-21.25	54.754	-86.21	224.00	32.67 S	48.81 W	1.70	0.85	58.73	AT 236.21	087.12
1000.0	998.01	-21.66	57.956	-86.38	220.65	35.05 S	50.99 W	0.55	0.28	61.87	AT 235.49	087.84
1050.0	1047.89	-21.87	61.392	-85.72	216.75	37.74 S	53.13 W	1.42	0.71	65.17	AT 234.61	089.07
1100.0	1097.78	-21.81	64.731	-86.61	210.47	40.51 S	55.00 W	1.97	0.98	68.31	AT 233.62	089.64
1150.0	1147.71	-21.53	67.414	-87.20	207.05	42.88 S	56.30 W	1.24	0.62	70.77	AT 232.71	090.66
1200.0	1197.65	-20.65	69.602	-87.23	179.07	45.17 S	56.84 W	2.69	1.35	72.60	AT 231.52	091.52
1250.0	1247.60	-19.07	71.277	-87.45	163.78	47.45 S	56.51 W	1.48	0.74	73.78	AT 229.98	092.32
1300.0	1297.51	-16.66	72.848	-85.93	154.52	50.12 S	55.43 W	3.21	1.61	74.73	AT 227.88	092.90
1350.0	1347.30	-12.48	74.761	-83.50	146.53	54.08 S	53.11 W	5.07	2.53	75.80	AT 224.48	093.47
1400.0	1396.98	-7.31	76.861	-83.67	147.63	58.77 S	50.07 W	0.42	0.21	77.21	AT 220.43	094.63
1450.0	1446.67	-2.08	78.962	-83.38	146.17	63.49 S	46.99 W	0.67	0.33	78.99	AT 216.51	095.72
1500.0	1496.35	3.23	80.813	-83.71	142.20	68.05 S	43.71 W	1.11	0.55	80.88	AT 212.71	096.95
1550.0	1546.06	8.33	82.464	-83.98	143.72	72.33 S	40.48 W	0.63	0.32	82.88	AT 209.23	098.10
1600.0	1595.77	13.48	84.042	-83.64	140.42	76.58 S	37.16 W	0.98	0.49	85.12	AT 205.89	099.12
1650.0	1645.48	18.68	85.435	-84.00	139.57	80.70 S	33.70 W	0.74	0.37	87.45	AT 202.67	100.27
1700.0	1695.21	23.70	86.718	-84.10	139.08	84.63 S	30.32 W	0.22	0.11	89.90	AT 199.71	101.14
1750.0	1744.95	28.64	88.039	-84.17	140.90	88.54 S	27.04 W	0.40	0.20	92.58	AT 196.98	102.16
1800.0	1794.66	33.78	89.487	-83.57	140.60	92.68 S	23.66 W	1.20	0.60	95.65	AT 194.32	102.95

WELLBORE NAVIGATION, INC.
WINNEMUCCA, NEVADA

JOB NUMBER: 29-0521-311 WELL NAME: RS-408 / VS 035.00

INRUN SURVEY
BY MINIMUM CURVATURE

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	L/R PROP.	INCL HORZ	BEARING AZIMUTH	COORDINATES LATITUDE	COORDINATES DEPARTURE	D-LEG /100	D-LEG /CL	STATION DISP.	DISPLACEMENT DIRECTION	TEMP. DEG. F.
1850.0	1844.35	39.19	90.917	-83.56	138.97	96.96 S	20.04 W	0.37	0.18	99.01	AT 191.68	103.68
1900.0	1894.02	44.68	92.340	-83.43	140.13	101.27 S	16.37 W	0.37	0.19	102.58	AT 189.18	104.33
1950.0	1943.70	50.21	93.763	-83.44	138.68	105.61 S	12.65 W	0.33	0.17	106.36	AT 186.83	104.62
1988.0	1981.45	54.44	94.813	-83.39	139.22	108.89 S	9.79 W	0.21	0.08	109.33	AT 185.14	104.76
2000.0	1993.37	55.78	95.147	-83.41	138.73	109.93 S	8.88 W	0.49	0.06	110.29	AT 184.62	104.91

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*************************************************************
*                          ********                         *
*      THE HORIZONTAL DISPLACEMENT AT THE DEPTH OF          *
*                          ********                         *
*  2000.0 FEET EQUALS    110.29    FEET AT   184.62         *
*                          ********                         *
*************************************************************
```

WELLBORE NAVIGATION, INC.
WINNEMUCCA, NEVADA

GYROSCOPIC DIRECTIONAL SURVEY
BY MINIMUM CURVATURE

FOR

****
* NEWMONT GOLD COMPANY *
****

JOB NUMBER: 29-0521-311

WELL NAME: RS-408 / VS 305.00

LOCATION: ROSEBUD MINE

SURVEY DATE: 11/02/97

SURVEY ENGINEER: VERN REID

GYRO REFERENCE BEARING: 274.50
TIE-ON COORDINATES AT: 0 M.D.
TAKEN FROM: COLLAR

VERTICAL SECTION CALCULATED IN A
PROPOSAL DIRECTION OF: 035.00

****
****** DEPTH MEASURED IN FEET *******
****

COMMENTS: ** BOART LONGYEAR **
**** NORMAN JEX ****
**** MIKE PENTZ ****
PROJECTED F/1988' T/2000'.

****
****
*** THIS DIRECTIONAL SURVEY REPORT IS ****
** CORRECT TO THE BEST OF MY KNOWLEDGE ***
* AND IS SUPPORTED BY ACTUAL FIELD DATA! *
**
**
** **********
** COMPANY REPRESENTATIVE **
****
****

WELLBORE NAVIGATION, INC.
WINNEMUCCA, NEVADA

JOB NUMBER: 29-0521-311 WELL NAME: RS-408 / VS 305.00

INRUN SURVEY
BY MINIMUM CURVATURE

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	L/R PROP.	INCL HORZ	BEARING AZIMUTH	COORDINATES LATITUDE	COORDINATES DEPARTURE	D-LEG /100	D-LEG /CL	STATION DISP.	DISPLACEMENT DIRECTION	TEMP. DEG. F.
0.0	0.00	0.00	0.000	-88.53	200.40	0.00 N	0.00 E	0.00		0.00	AT 000.00	
50.0	49.97	-1.79	-0.006	-87.30	223.17	1.46 S	1.03 W	2.92	1.46	1.79	AT 215.18	074.71
100.0	99.90	-4.35	-0.432	-86.73	225.45	3.32 S	2.85 W	1.16	0.58	4.38	AT 220.66	075.07
150.0	149.80	-7.40	-1.436	-85.87	239.47	5.23 S	5.42 W	2.48	1.24	7.53	AT 225.99	075.72
200.0	199.65	-10.87	-3.001	-85.39	239.05	7.18 S	8.69 W	0.96	0.48	11.28	AT 230.43	076.37
250.0	249.50	-14.42	-4.602	-85.67	239.48	9.17 S	12.04 W	0.56	0.28	15.14	AT 232.70	076.65
300.0	299.35	-17.94	-6.140	-85.52	237.77	11.17 S	15.32 W	0.40	0.20	18.96	AT 233.89	077.01
350.0	349.21	-21.37	-7.626	-85.90	239.12	13.13 S	18.51 W	0.79	0.39	22.69	AT 234.64	077.81
400.0	399.09	-24.49	-9.059	-86.23	240.33	14.86 S	21.47 W	0.68	0.34	26.11	AT 235.30	078.53
450.0	448.99	-27.42	-10.224	-86.53	232.77	16.59 S	24.10 W	1.13	0.56	29.26	AT 235.45	079.39
500.0	498.90	-30.24	-11.178	-86.64	234.62	18.36 S	26.50 W	0.31	0.16	32.24	AT 235.29	079.97
550.0	548.81	-33.02	-12.218	-86.54	236.30	20.04 S	28.95 W	0.28	0.14	35.21	AT 235.30	080.69
600.0	598.73	-35.68	-13.398	-86.79	241.82	21.54 S	31.44 W	0.81	0.41	38.11	AT 235.58	081.34
650.0	648.65	-38.13	-14.716	-86.83	244.78	22.79 S	33.92 W	0.34	0.17	40.87	AT 236.10	082.35
700.0	698.57	-40.70	-16.071	-86.51	241.05	24.12 S	36.51 W	0.77	0.39	43.75	AT 236.55	083.07
750.0	748.48	-43.45	-17.340	-86.53	238.40	25.65 S	39.13 W	0.32	0.16	46.78	AT 236.76	083.72
800.0	798.39	-46.23	-18.494	-86.57	236.68	27.26 S	41.67 W	0.22	0.11	49.79	AT 236.80	084.59
850.0	848.30	-49.02	-19.514	-86.62	233.50	28.96 S	44.10 W	0.39	0.20	52.76	AT 236.71	085.53
900.0	898.21	-51.77	-20.485	-86.69	235.38	30.66 S	46.47 W	0.26	0.13	55.67	AT 236.59	086.25
950.0	948.12	-54.75	-21.246	-86.21	224.00	32.67 S	48.81 W	1.70	0.85	58.73	AT 236.21	087.12
1000.0	998.01	-57.96	-21.660	-86.38	220.65	35.05 S	50.99 W	0.55	0.28	61.87	AT 235.49	087.84
1050.0	1047.89	-61.39	-21.872	-85.72	216.75	37.74 S	53.13 W	1.42	0.71	65.17	AT 234.61	089.07
1100.0	1097.78	-64.73	-21.812	-86.61	210.47	40.51 S	55.00 W	1.97	0.98	68.31	AT 233.62	089.64
1150.0	1147.71	-67.41	-21.526	-87.20	207.05	42.88 S	56.30 W	1.24	0.62	70.77	AT 232.71	090.66
1200.0	1197.65	-69.60	-20.649	-87.23	179.07	45.17 S	56.84 W	2.69	1.35	72.60	AT 231.52	091.52
1250.0	1247.60	-71.28	-19.072	-87.45	163.78	47.45 S	56.51 W	1.48	0.74	73.78	AT 229.98	092.32
1300.0	1297.51	-72.85	-16.661	-85.93	154.52	50.12 S	55.43 W	3.21	1.61	74.73	AT 227.88	092.90
1350.0	1347.30	-74.76	-12.484	-83.50	146.53	54.08 S	53.11 W	5.07	2.53	75.80	AT 224.48	093.47
1400.0	1396.98	-76.86	-7.307	-83.67	147.63	58.77 S	50.07 W	0.42	0.21	77.21	AT 220.43	094.63
1450.0	1446.67	-78.96	-2.075	-83.38	146.17	63.49 S	46.99 W	0.67	0.33	78.99	AT 216.51	095.72
1500.0	1496.35	-80.81	3.229	-83.71	142.20	68.05 S	43.71 W	1.11	0.55	80.88	AT 212.71	096.95
1550.0	1546.06	-82.46	8.329	-83.98	143.72	72.33 S	40.48 W	0.63	0.32	82.88	AT 209.23	098.10
1600.0	1595.77	-84.04	13.482	-83.64	140.42	76.58 S	37.16 W	0.98	0.49	85.12	AT 205.89	099.12
1650.0	1645.48	-85.44	18.681	-84.00	139.57	80.70 S	33.70 W	0.74	0.37	87.45	AT 202.67	100.27
1700.0	1695.21	-86.72	23.702	-84.10	139.08	84.63 S	30.32 W	0.22	0.11	89.90	AT 199.71	101.14
1750.0	1744.95	-88.04	28.637	-84.17	140.90	88.54 S	27.04 W	0.40	0.20	92.58	AT 196.98	102.16
1800.0	1794.66	-89.49	33.776	-83.57	140.60	92.68 S	23.66 W	1.20	0.60	95.65	AT 194.32	102.95

WELLBORE NAVIGATION, INC.
WINNEMUCCA, NEVADA

JOB NUMBER: 29-0521-311 WELL NAME: RS-408 / VS 305.00

INRUN SURVEY
BY MINIMUM CURVATURE

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	L/R PROP.	INCL HORZ	BEARING AZIMUTH	COORDINATES LATITUDE	COORDINATES DEPARTURE	D-LEG /100	D-LEG /CL	STATION DISP.	DISPLACEMENT DIRECTION	TEMP. DEG. F.
1850.0	1844.35	-90.92	39.194	-83.56	138.97	96.96 S	20.04 W	0.37	0.18	99.01	AT 191.68	103.68
1900.0	1894.02	-92.34	44.676	-83.43	140.13	101.27 S	16.37 W	0.37	0.19	102.58	AT 189.18	104.33
1950.0	1943.70	-93.76	50.212	-83.44	138.68	105.61 S	12.65 W	0.33	0.17	106.36	AT 186.83	104.62
1988.0	1981.45	-94.81	54.442	-83.39	139.22	108.89 S	9.79 W	0.21	0.08	109.33	AT 185.14	104.76
2000.0	1993.37	-95.15	55.780	-83.41	138.73	109.93 S	8.88 W	0.49	0.06	110.29	AT 184.62	104.91

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*                          ********                         *
*      THE HORIZONTAL DISPLACEMENT AT THE DEPTH OF          *
*                          ********                         *
*  2000.0 FEET EQUALS      110.29    FEET AT   184.62       *
*                          ********                         *
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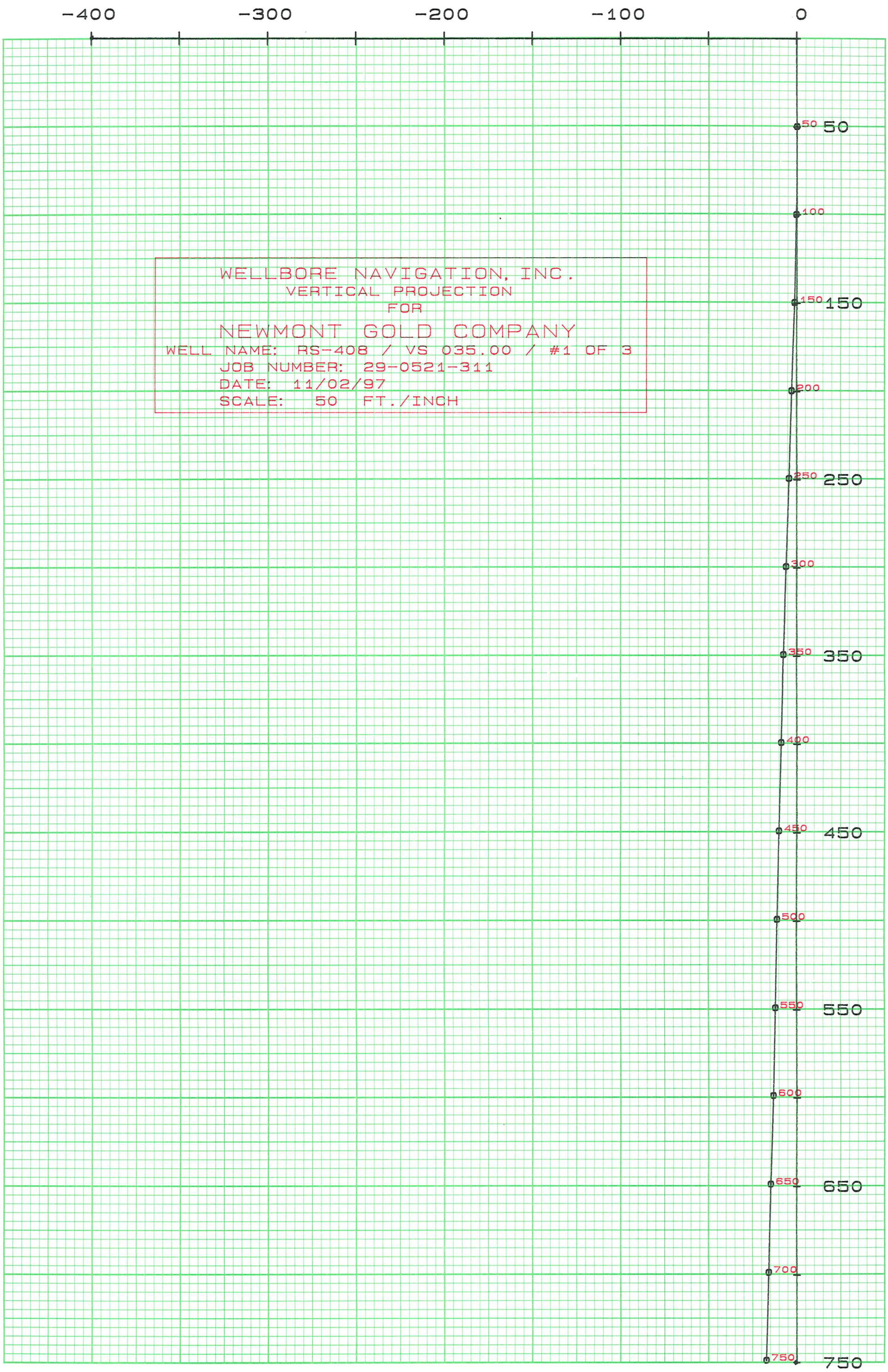
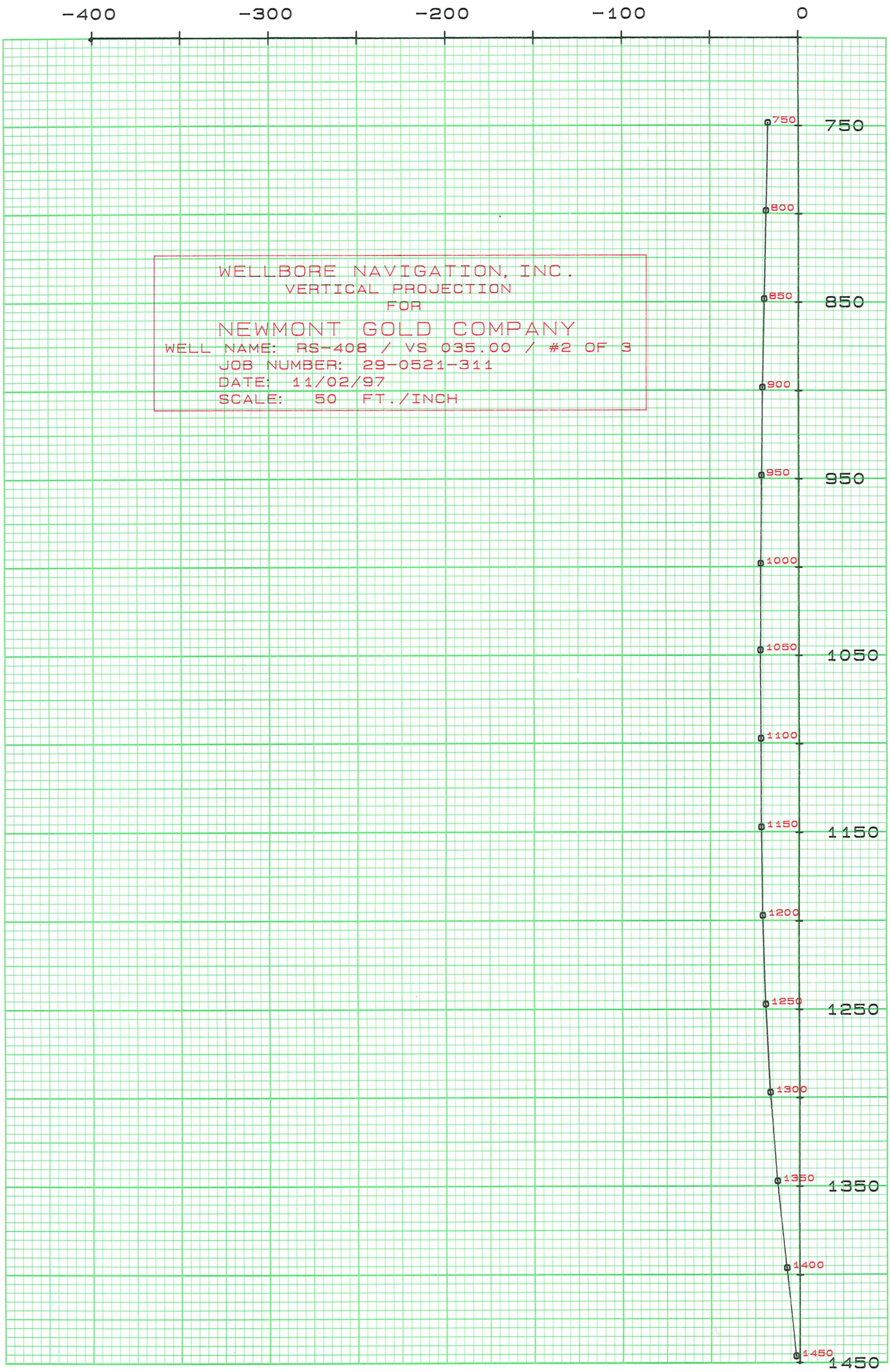
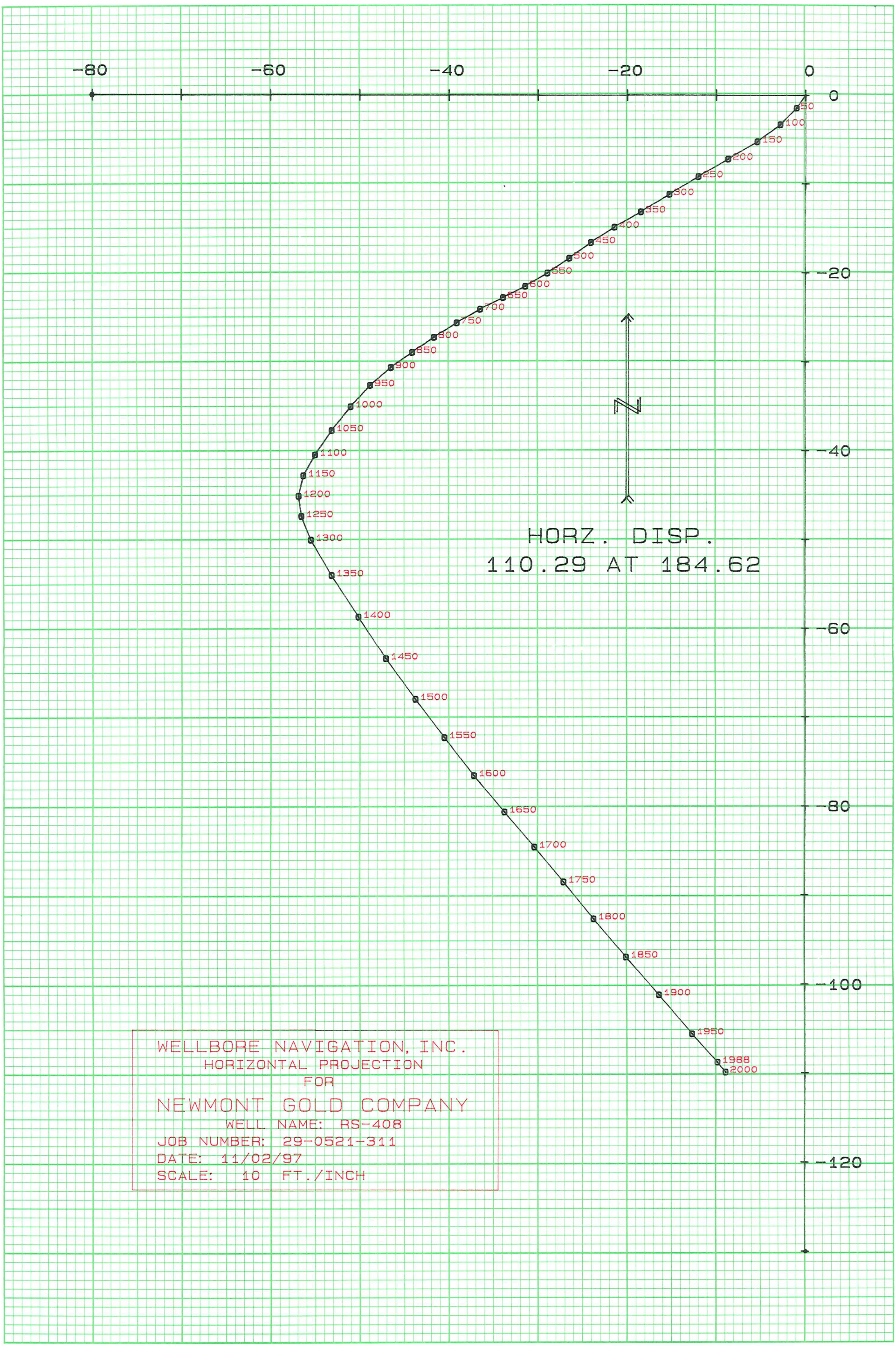
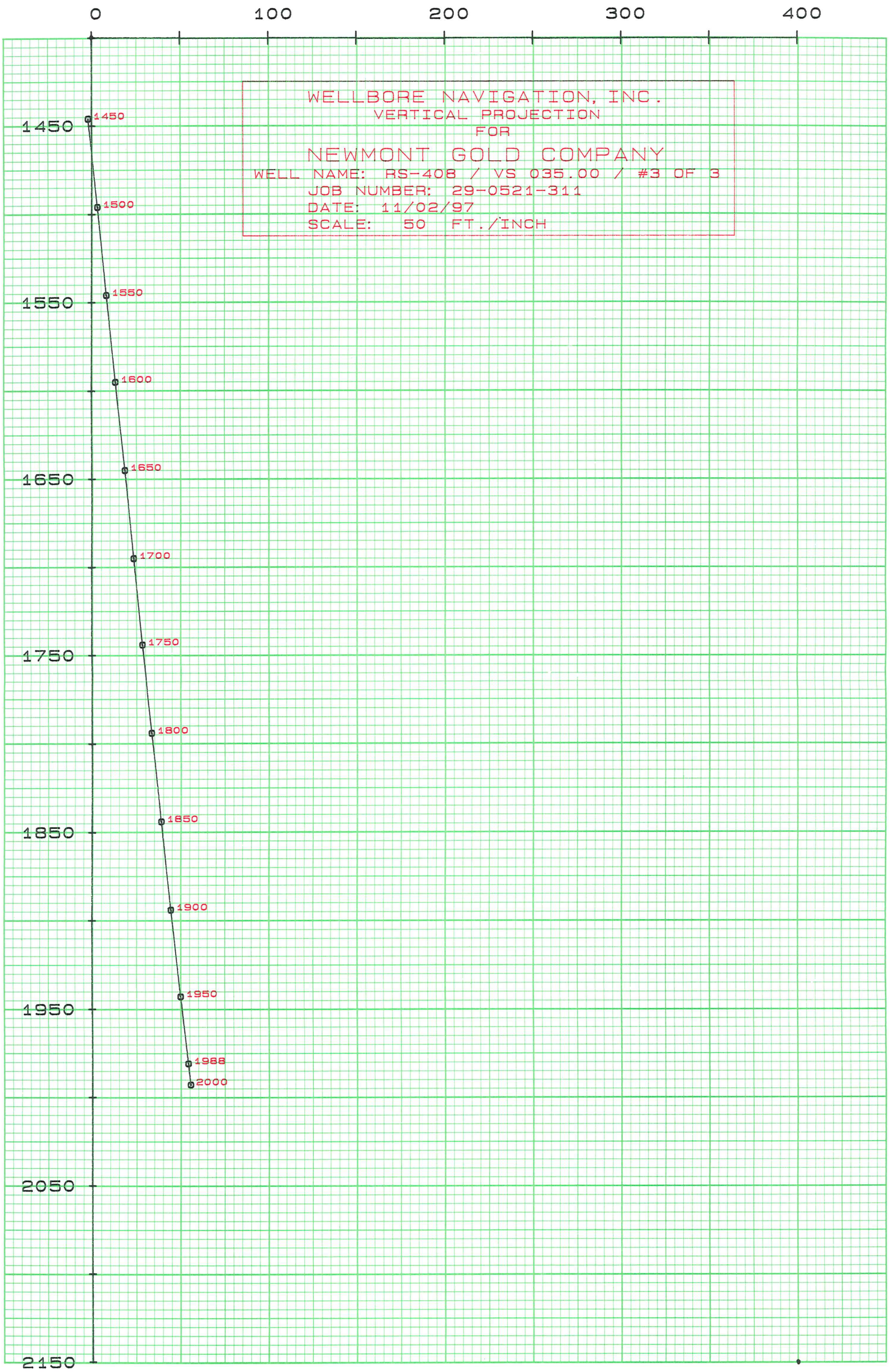
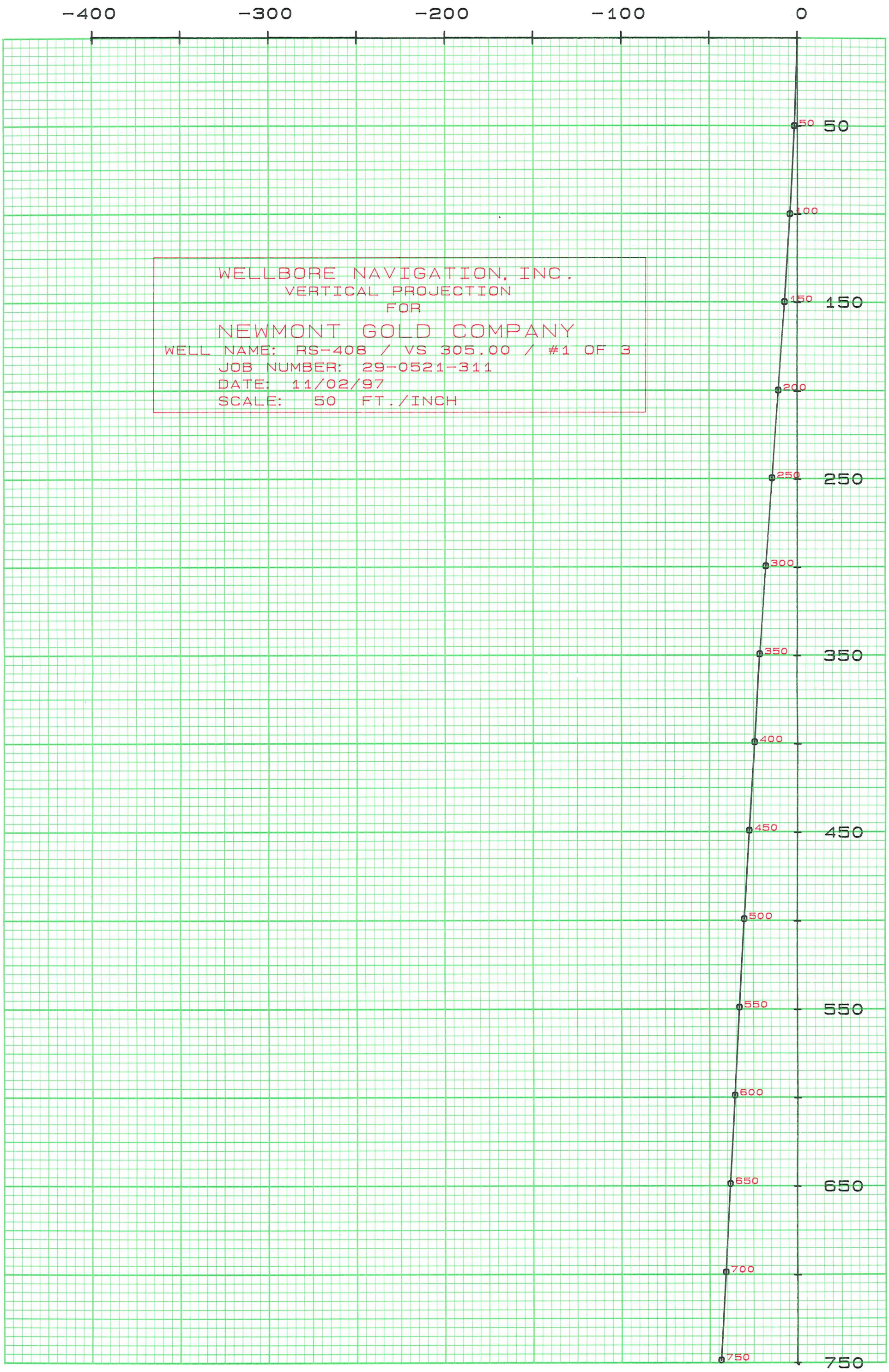
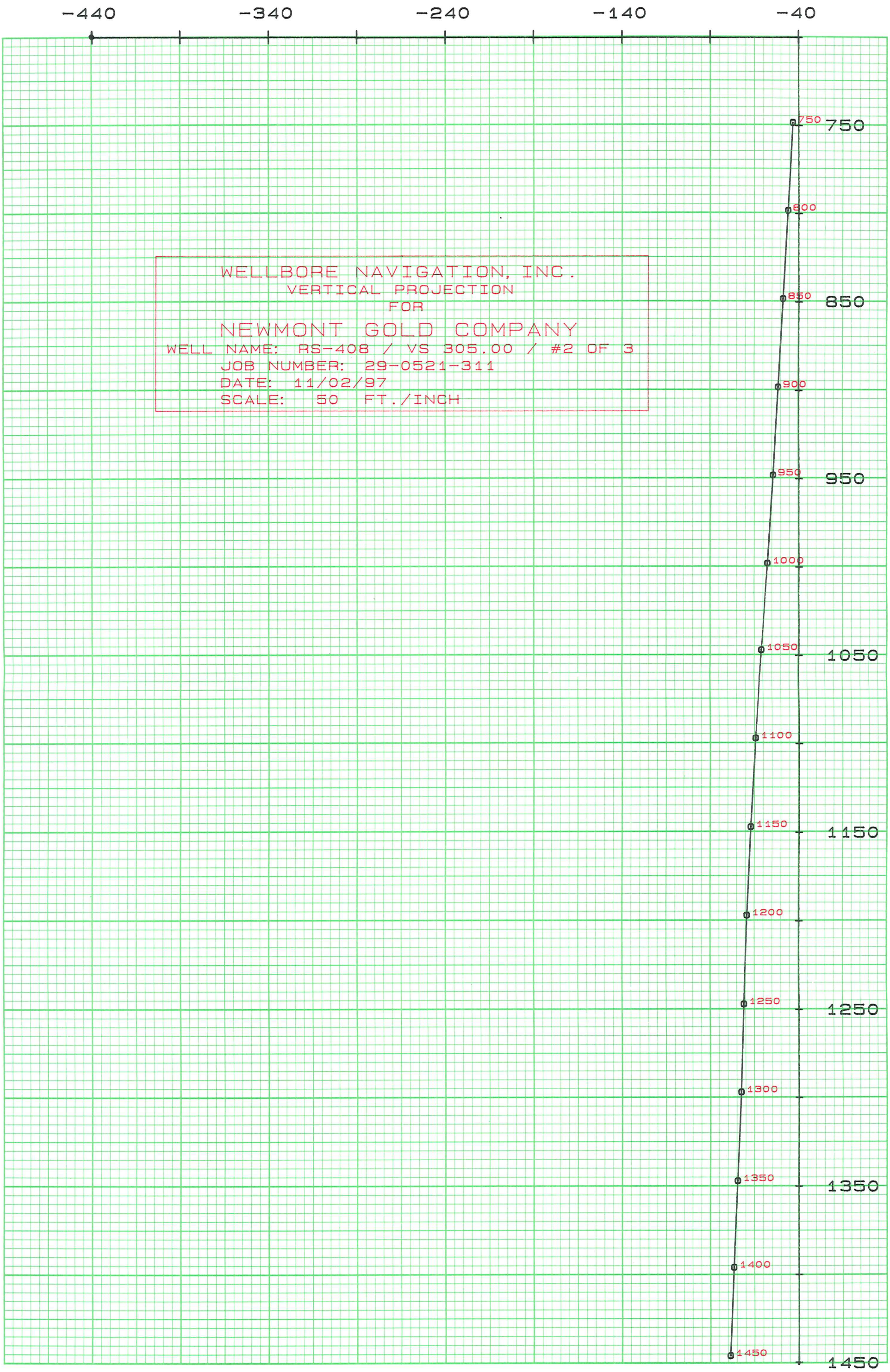


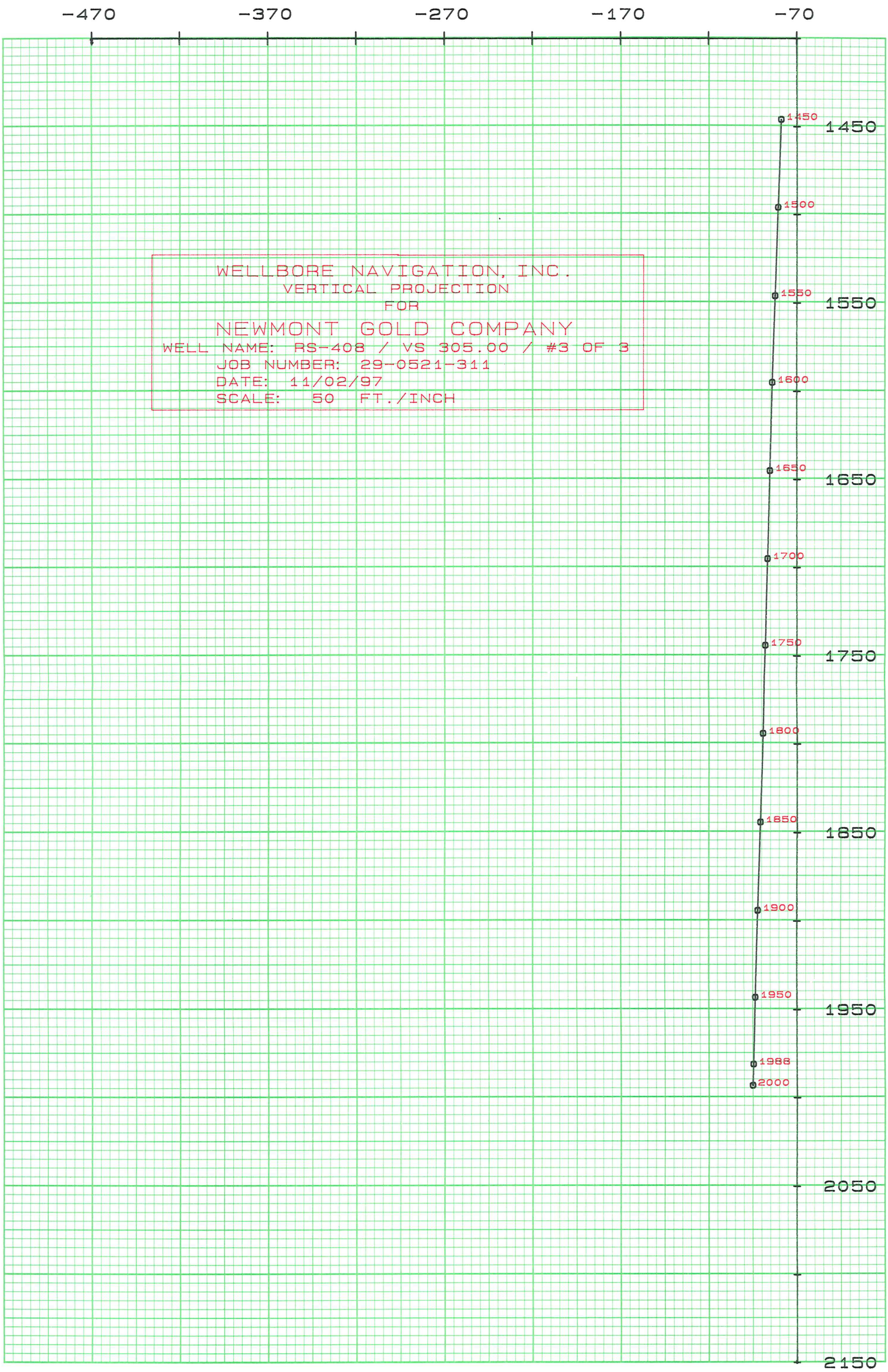












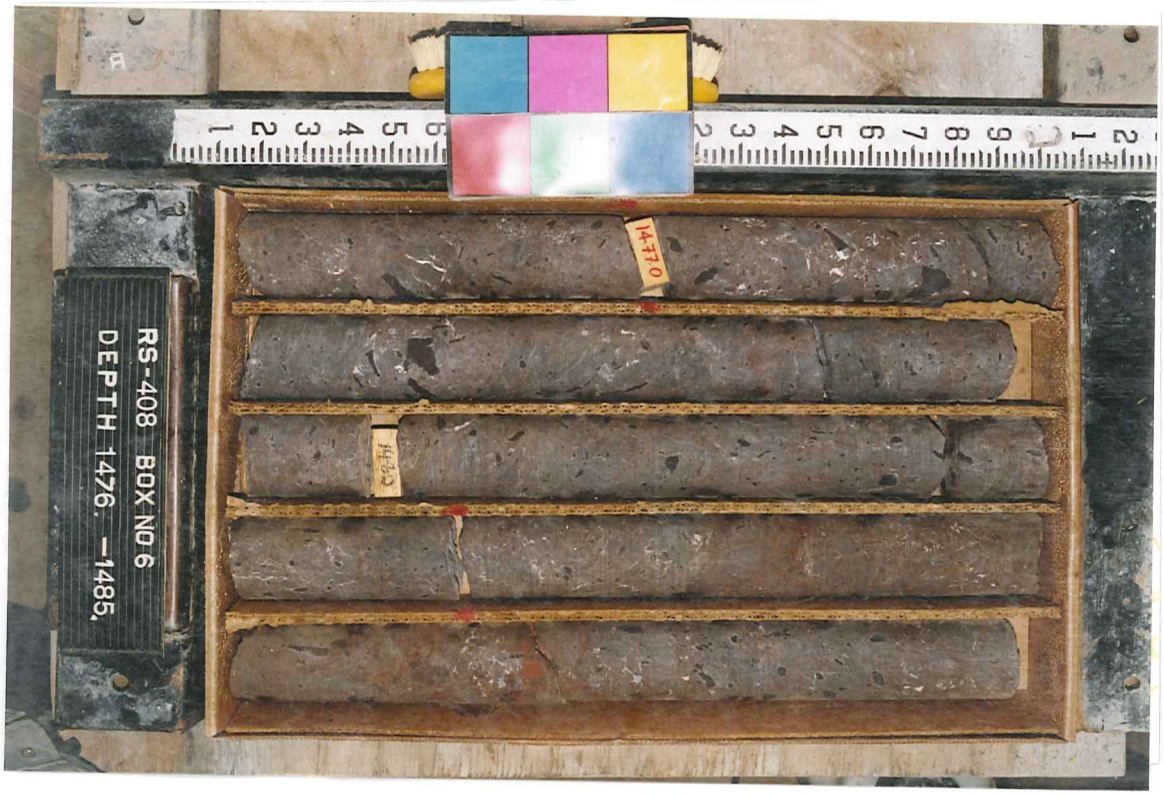

1440.0
1433.2
RS-408 BOX NO 1
DEPTH 1431. -1440.5


1442.5
RS-408 BOX NO 2
DEPTH 1440.5-1449.


1450
1454.5
1457.2
RS-408 BOX NO 3
DEPTH 1449. -1458.

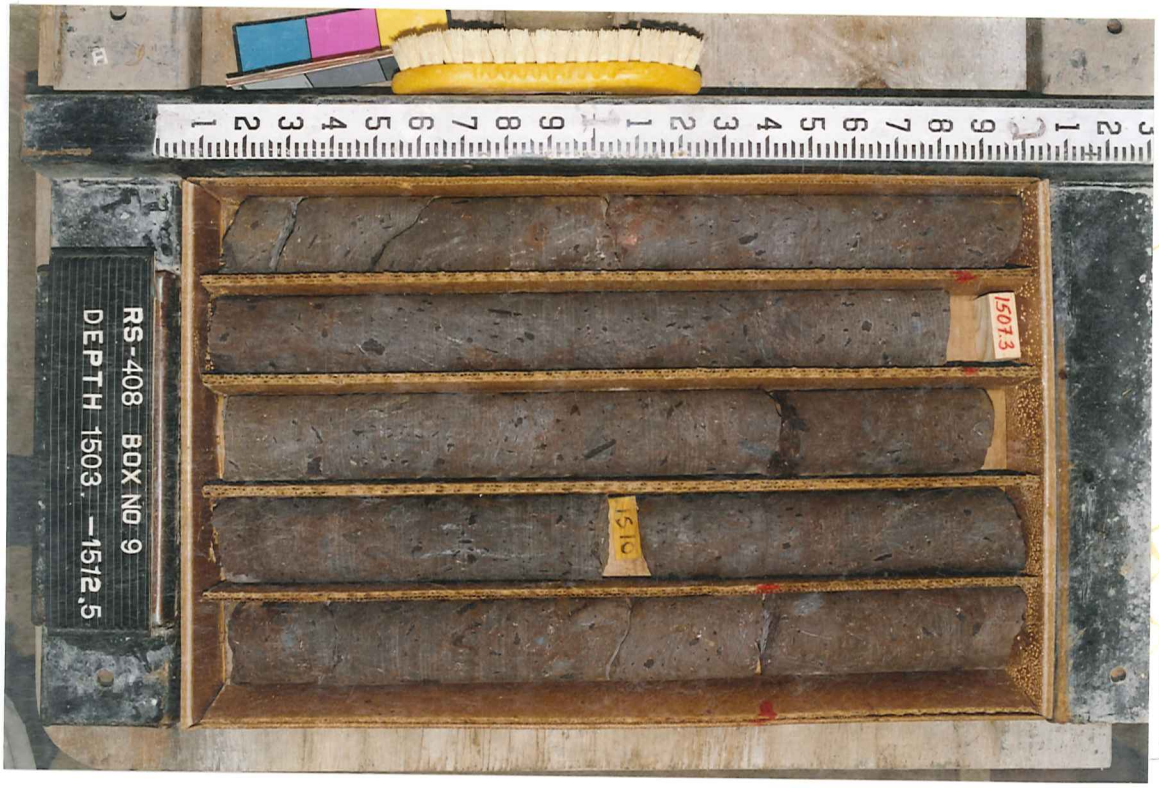

1460
RS-408 BOX NO 4
DEPTH 1458. -1467.


1470
1467.0
475.7-
476.0
porphyries
sample
RS-408 BOX NO 5
DEPTH 1467. -1476.


1470
RS-408 BOX NO 6
DEPTH 1476. -1485.

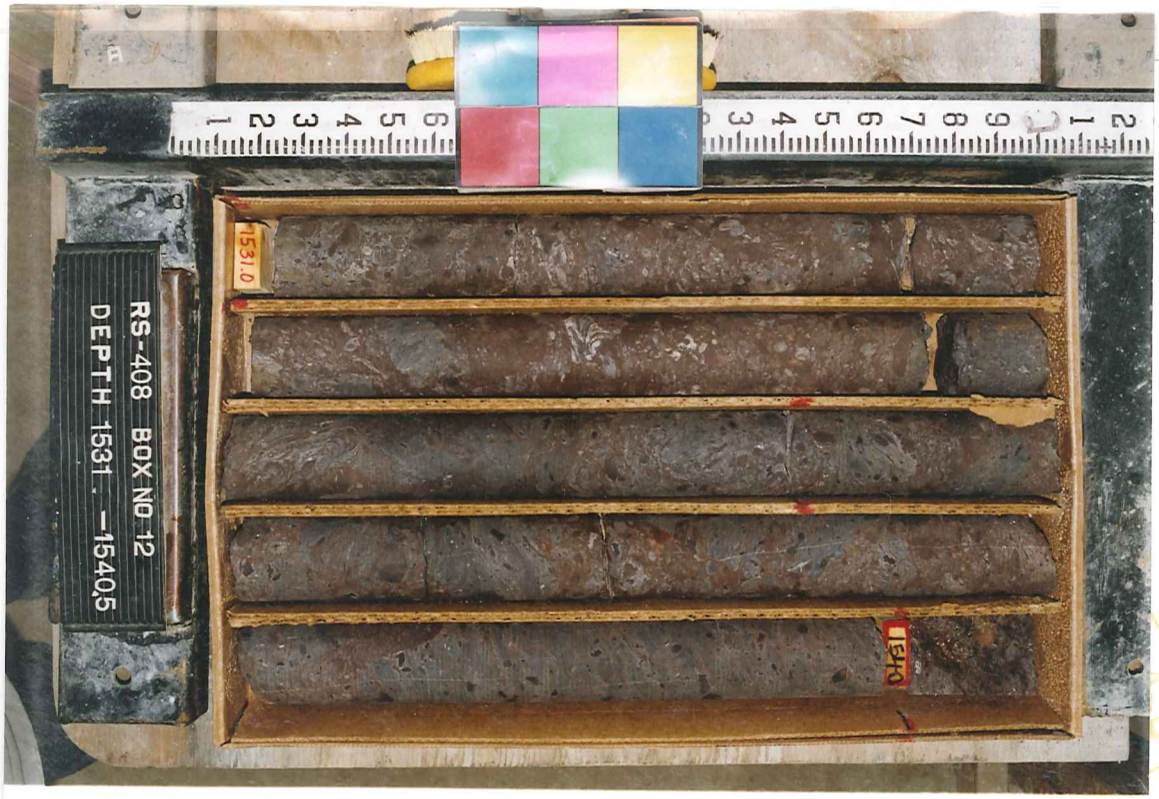

1496.9
1490
RS-408 BOX NO 7
DEPTH 1485. -1494.


1500
1497.4
RS-408 BOX NO 8
DEPTH 1494. -1503.


1507.3
1510
RS-408 BOX NO 9
DEPTH 1503. -1512.5

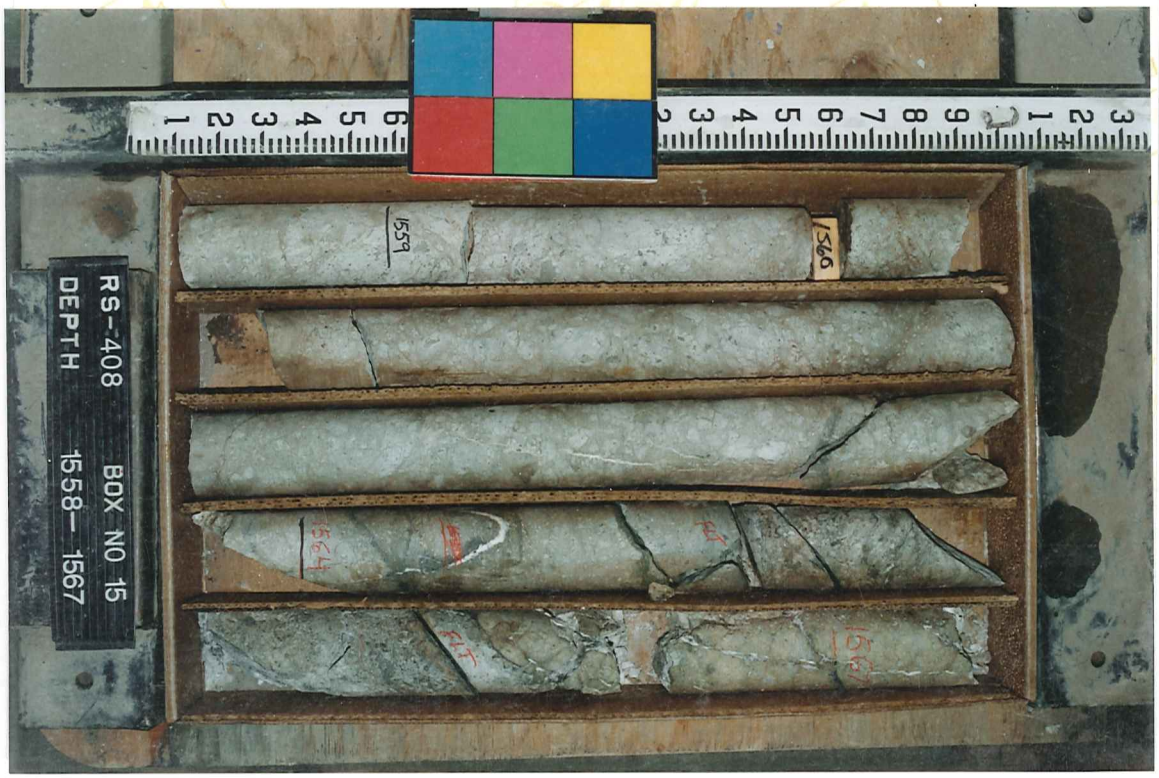

1520.0
1517.3
RS-408 BOX NO 10
DEPTH 1512.5-1522.


1522.3
1530
RS-408 BOX NO 11
DEPTH 1522. -1531.


1531.0
1540
RS-408 BOX NO 12
DEPTH 1531. -1540.5

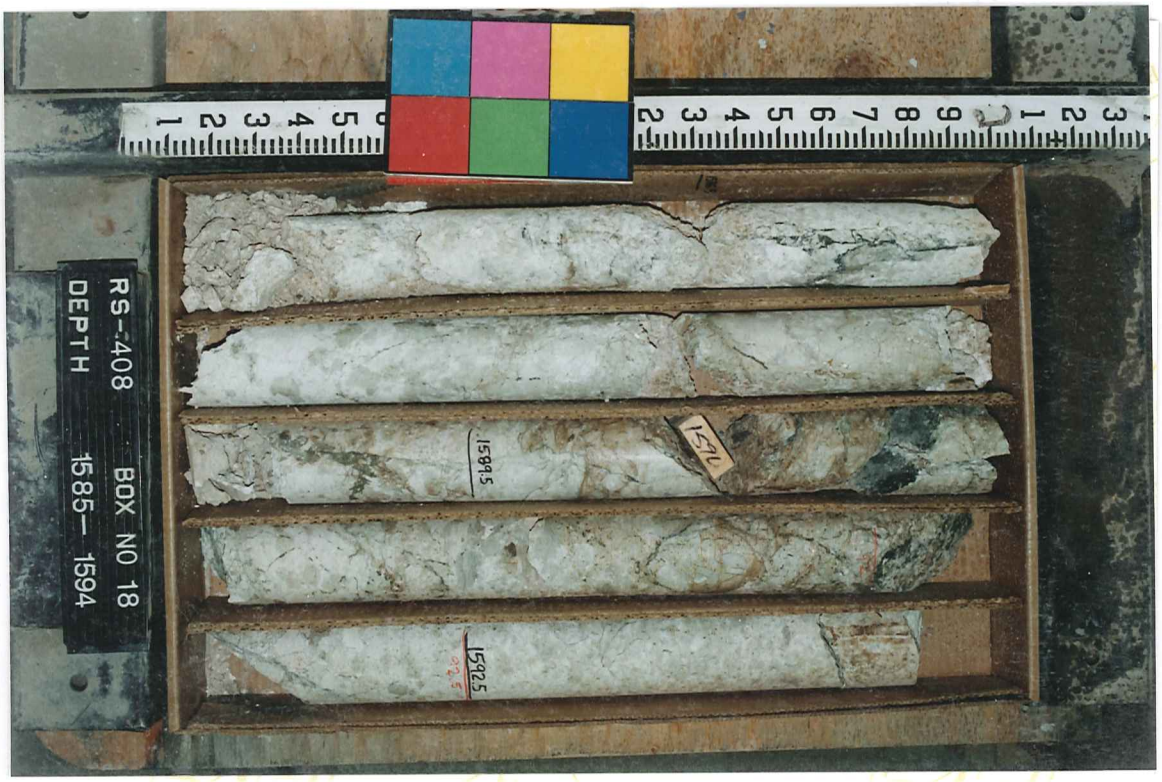

RS-408 BOX NO 13
DEPTH 1540 — 1549


1550
1553.5
RS-408 BOX NO 14
DEPTH 1549 — 1558


1559
1566
RS-408 BOX NO 15
DEPTH 1558 — 1567


1569
1570
1574
RS-408 BOX NO 16
DEPTH 1567- 1576


1577.5
1580
1583
RS-408 BOX NO 16
DEPTH 1576- 1585


1588.5
1592.5
RS-408 BOX NO 18
DEPTH 1585- 1594

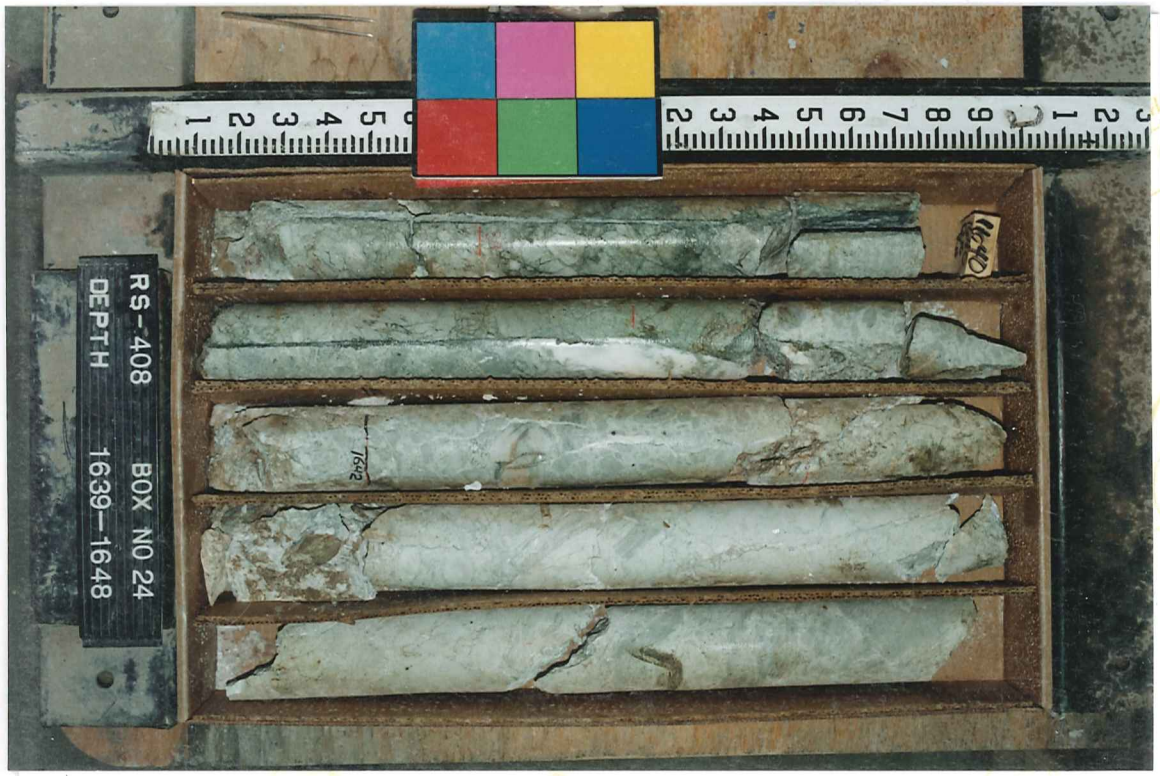

1600
1596.5
RS-408 BOX NO 19
DEPTH 1594–1603


1610
1609
1605
RS-408 BOX NO 20
DEPTH 1603–1612


1613
1617
1620
RS-408 BOX NO 21
DEPTH 1612–1621


RS-408 BOX NO 22
DEPTH 1621-1630


RS-408 BOX NO 23
DEPTH 1630-1639


RS-408 BOX NO 24
DEPTH 1639-1648

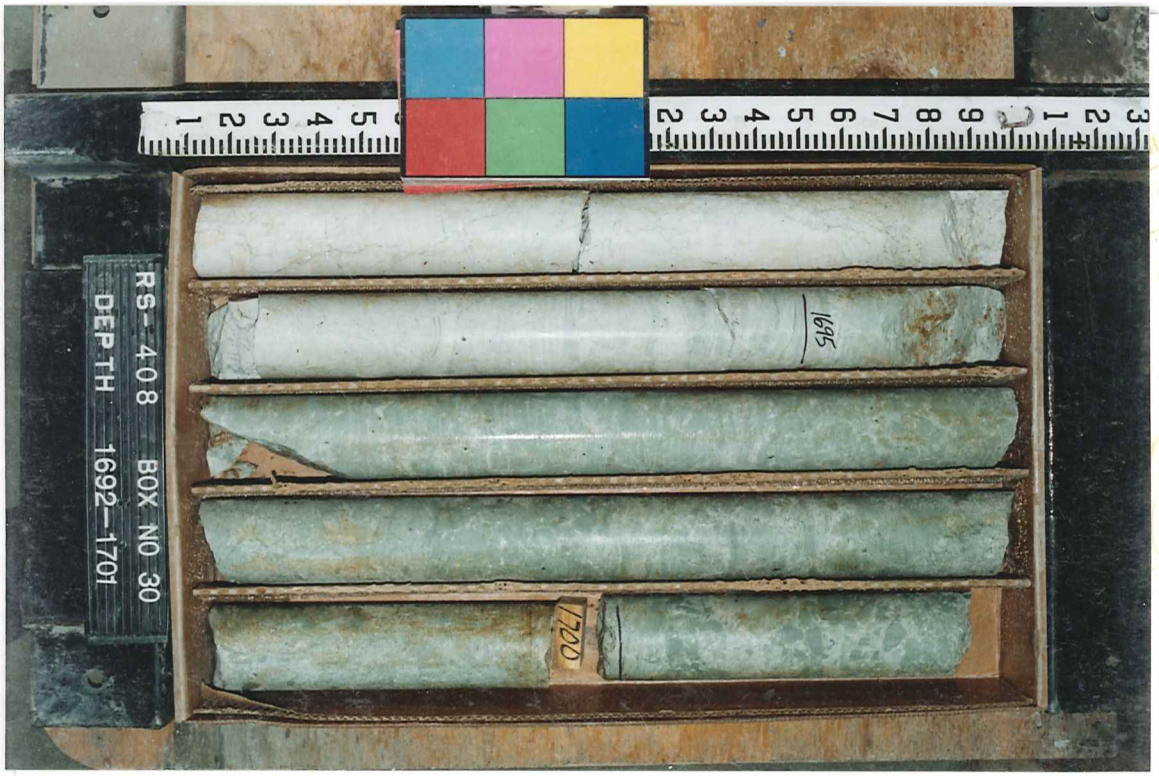

1655
1647
1654
1650
RS-408 BOX NO 25
DEPTH 1648-1656


1657
1660
1661
RS-408 BOX NO 26
DEPTH 1656-1665


1670
RS-408 BOX NO 27
DEPTH 1665-1674


1675
1680
RS- 408 BOX NO 28
DEPTH 1674—1683


C-10
R-10
1685
RS- 408 BOX NO 29
DEPTH 1683—1692


1695
1700
RS- 408 BOX NO 30
DEPTH 1692—1701


1704.5
1706
1710
RS- 408 BOX NO 31
DEPTH 1701 — 1710


1715
RS- 408 BOX NO 32
DEPTH 1710 — 1719


1720
1725
RS- 408 BOX NO 33
DEPTH 1719 — 1728


1730
RS- 408 BOX NO 34
DEPTH 1728—1737


1740
RS- 408 BOX NO 35
DEPTH 1737—1746


1755
1750
RS- 408 BOX NO 36
DEPTH 1746—1755


1760
RS- 408 BOX NO 37
DEPTH 1755—1764


1770
1765
1765
RS- 408 BOX NO 38
DEPTH 1764—1773


RS- 408 BOX NO 39
DEPTH 1773—1782


1785
1790
RS- 408 BOX NO 40
DEPTH 1782—1790


1795
1795
RS- 408 BOX NO 41
DEPTH 1790—1799

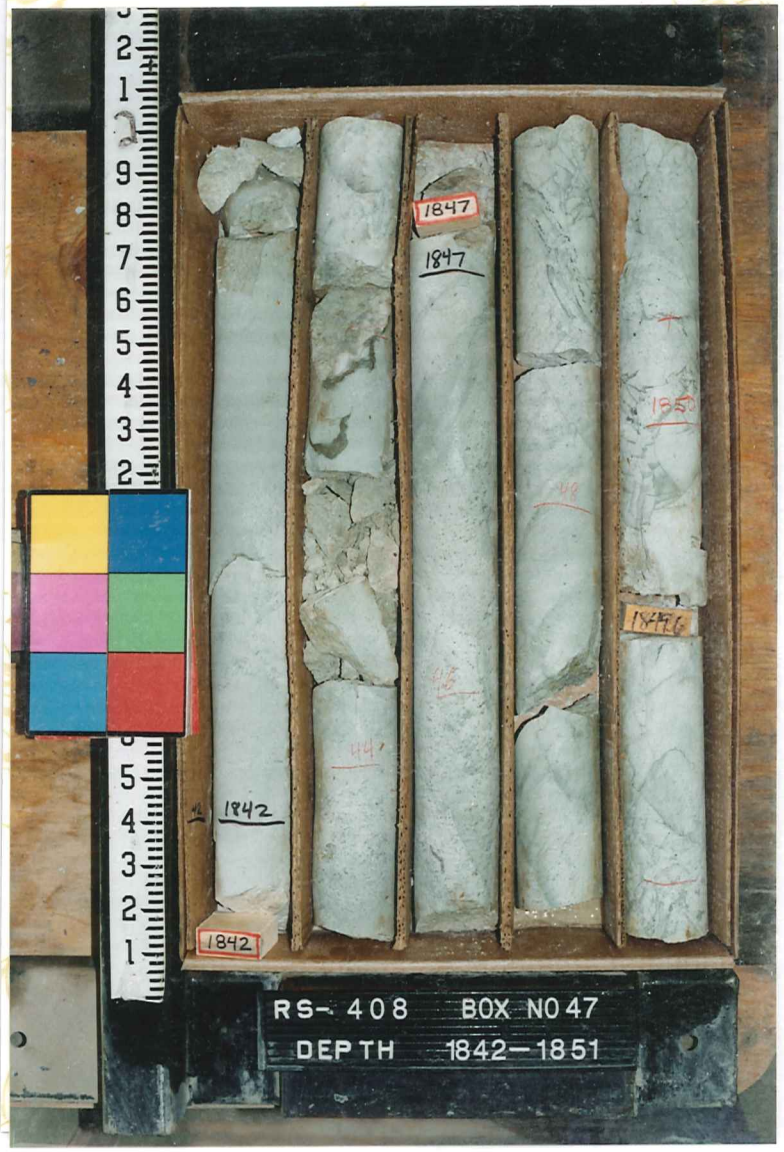

1805
1808
RS- 408 BOX NO 42
DEPTH 1799—1808


1815
1810
RS-408 BOX NO 43
DEPTH 1808—1817


1820
RS-408 BOX NO 44
DEPTH 1817—1826

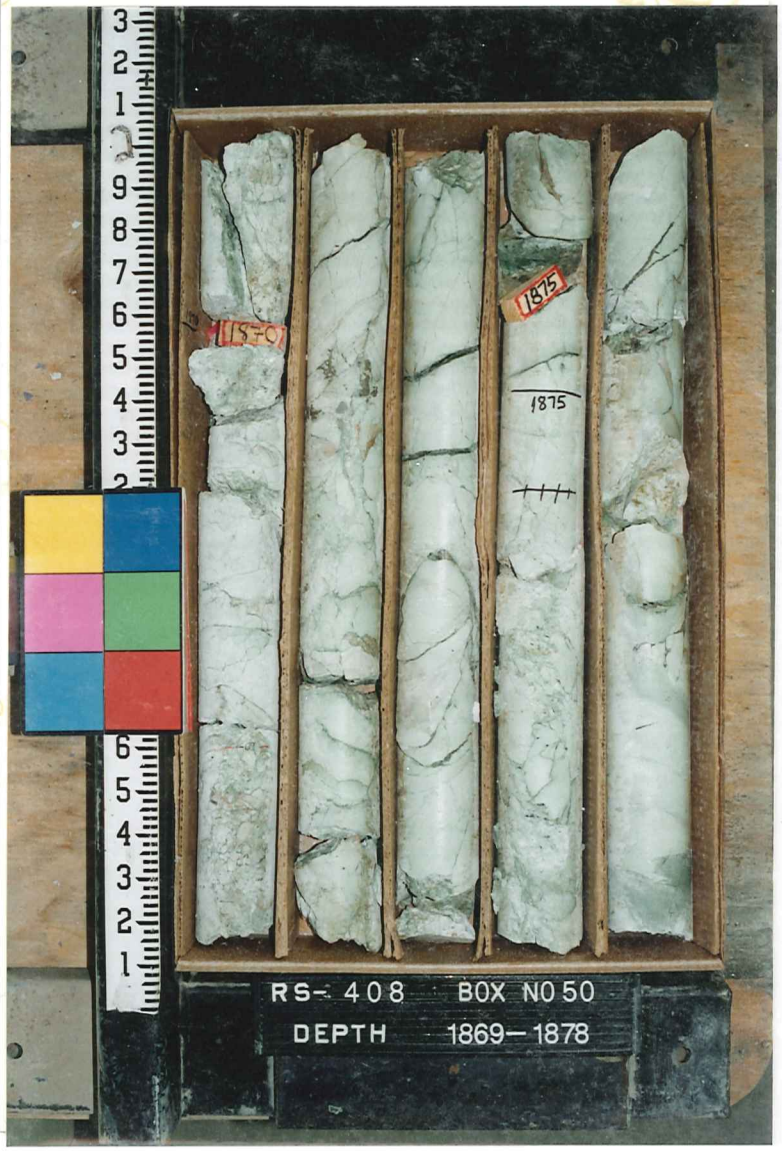

1832
1830
1826
RS-408 BOX NO 45
DEPTH 1826—1835


1837
1837
RS- 408 BOX NO 46
DEPTH 1835—1842


1847
1847
1842
1842
RS- 408 BOX NO 47
DEPTH 1842—1851


1856
1856
1852
52
RS- 408 BOX NO 48
DEPTH 1851—1860


1864.6
1867.5
1865
RS-408
RS- 408 BOX NO 49
DEPTH 1860 — 1869

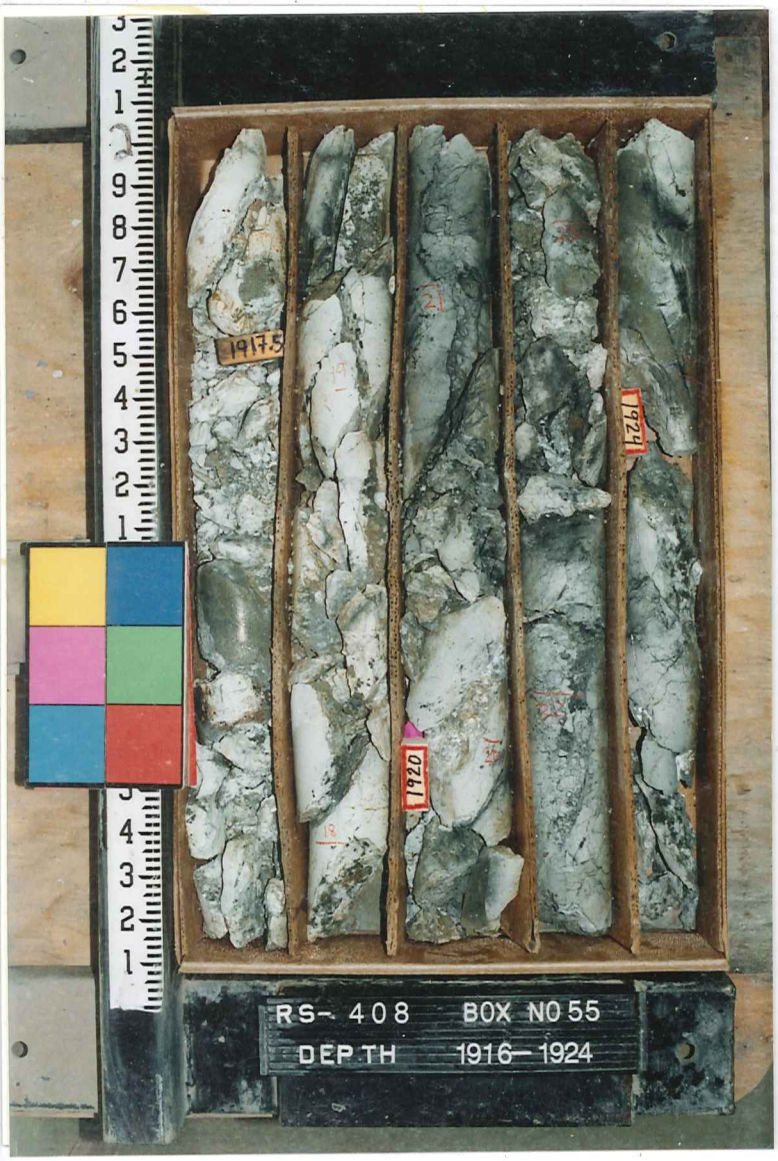

1875
1875
RS- 408 BOX NO 50
DEPTH 1869 — 1878


1885
1885
1880
RS- 408 BOX NO 51
DEPTH 1878 — 1886


1895
1890
RS- 408 BOX NO 52
DEPTH 1886—1895


1900
RS- 408 BOX NO 53
DEPTH 1895—1905


1916
1912
1910
1908
RS- 408 BOX NO 54
DEPTH 1905—1916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1920
1924
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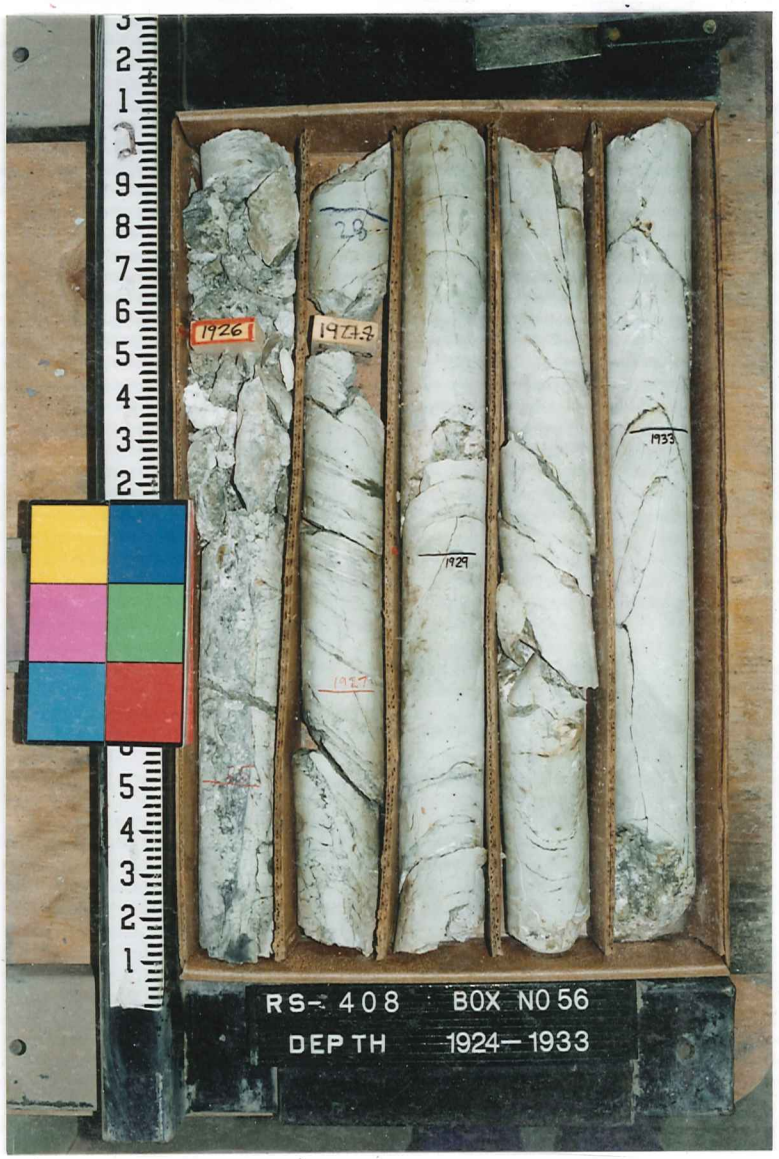
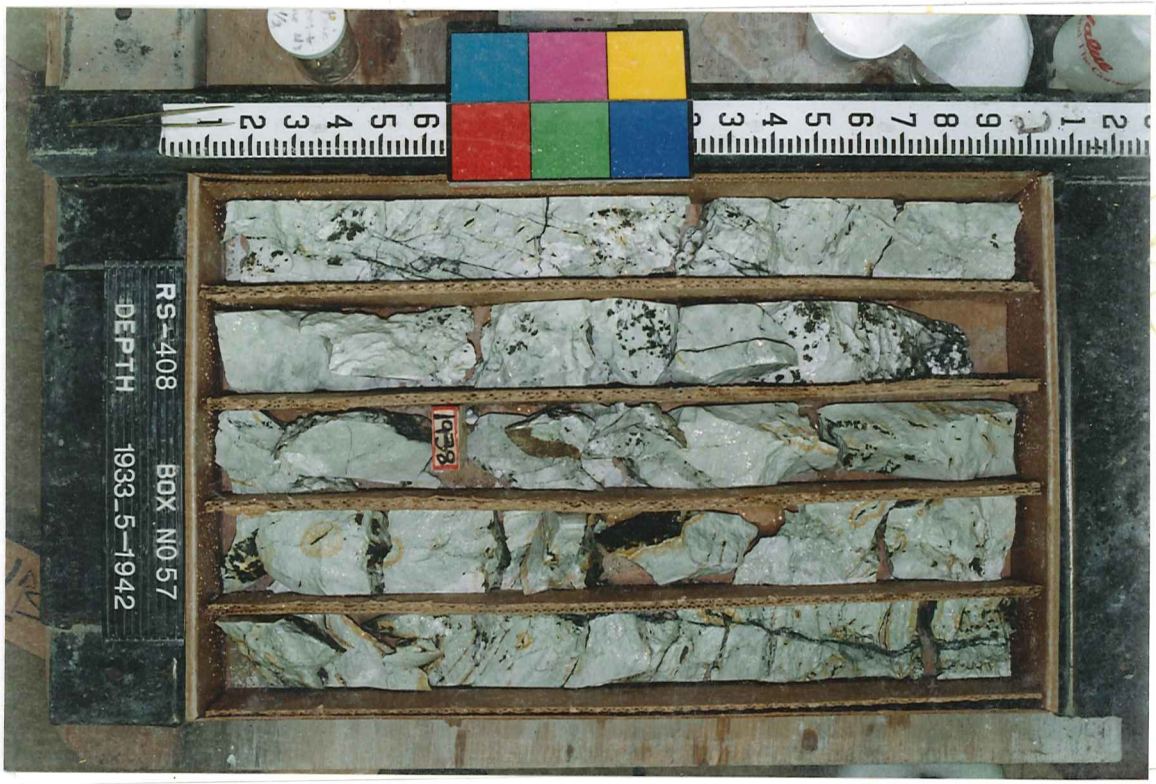
DEPTH 1916-1924


1926
1927.4
1929
1933
RS- 408 BOX NO 56
DEPTH 1924-1933


1938
RS-408 BOX NO 57
DEPTH 1933_5-1942

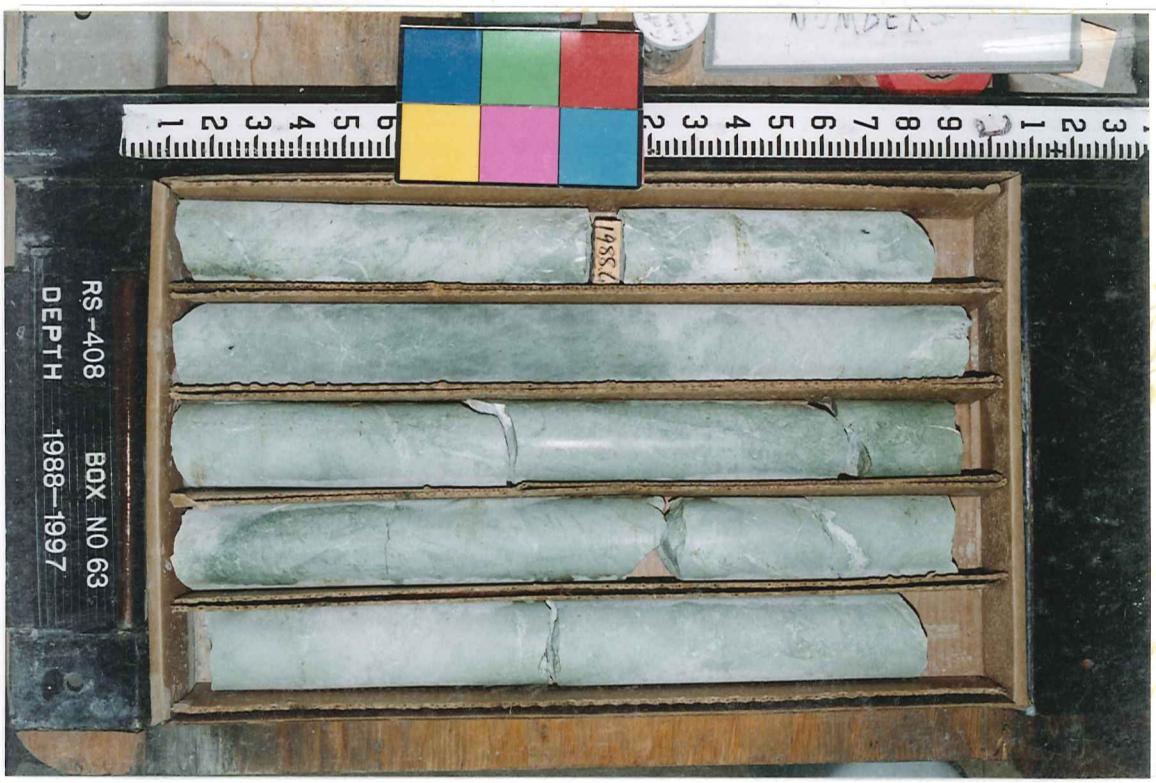

1948
1943
RS- 408 BOX NO 58
DEPTH 1943—1952


1958
RS -408 BOX NO 59
DEPTH 1951—1960


1968
RS -408 BOX NO 60
DEPTH 1960—1970

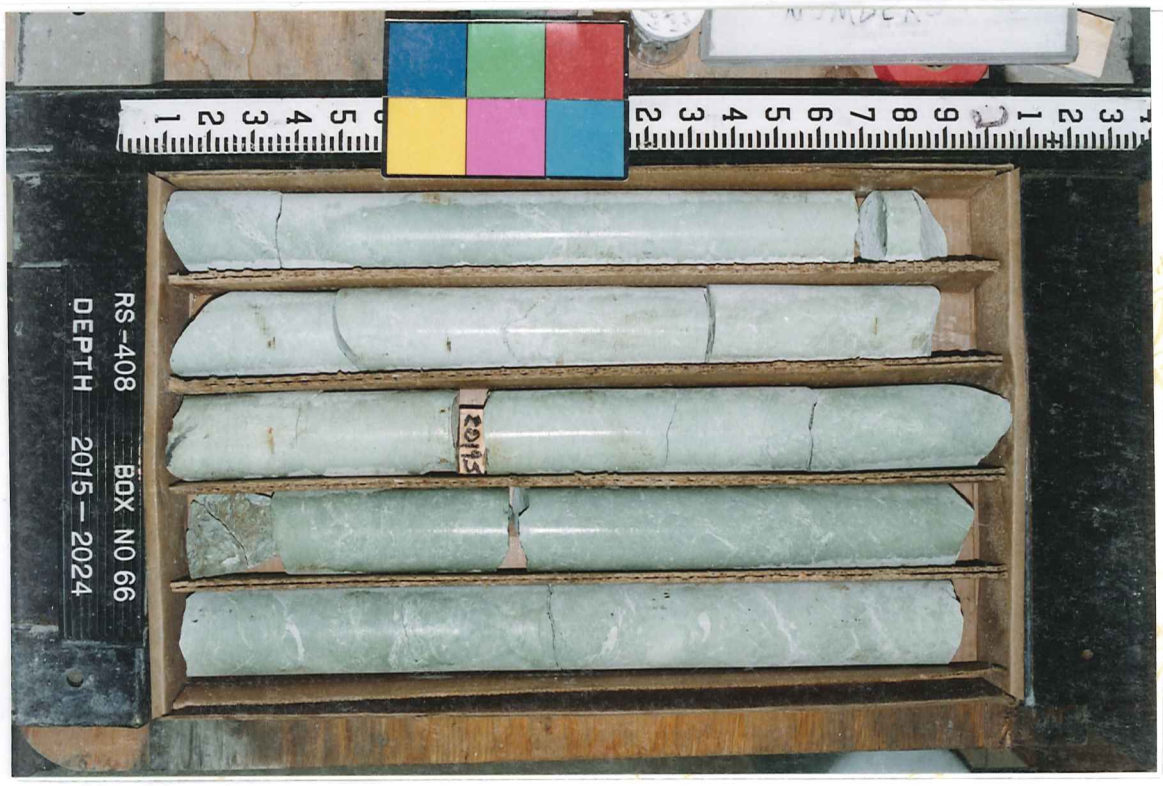

1978.6
RS -408 BOX NO 61
DEPTH 1970—1978


RS -408 BOX NO 62
DEPTH 1978—1988


RS -408 BOX NO 63
DEPTH 1988—1997

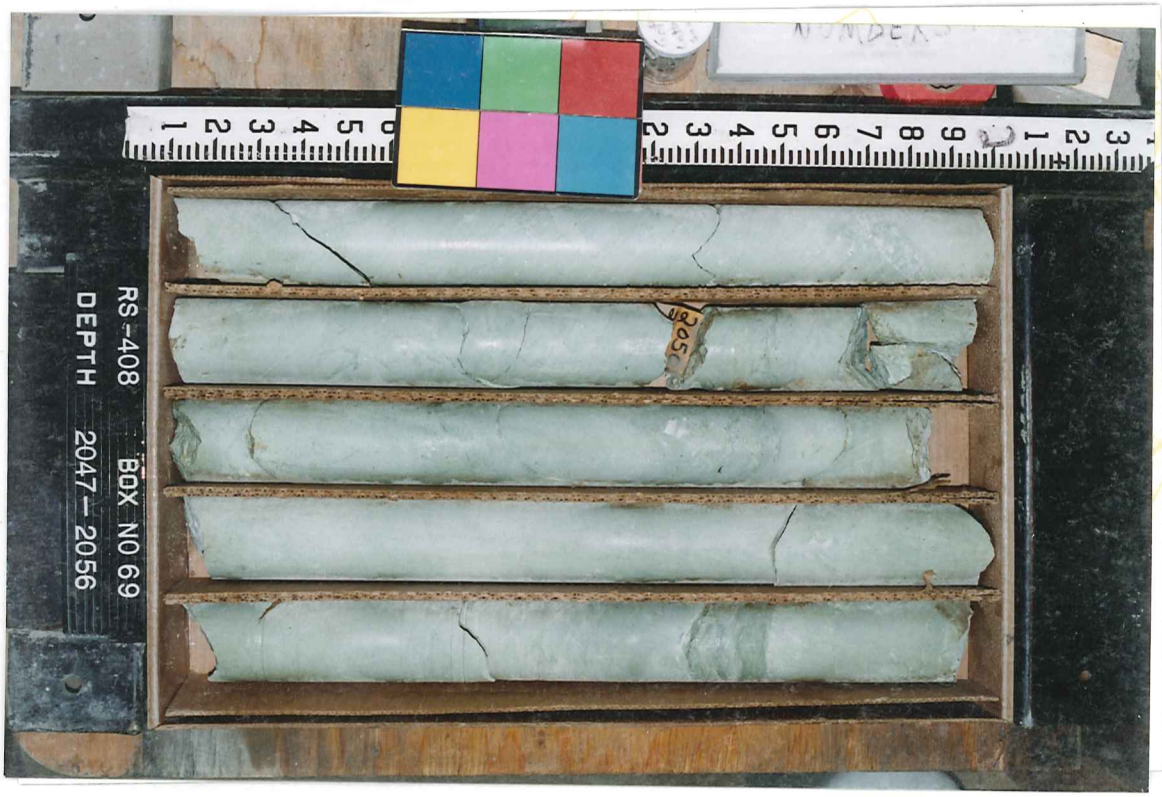

1998.9
RS -408 BOX NO 64
DEPTH 1997 – 2006

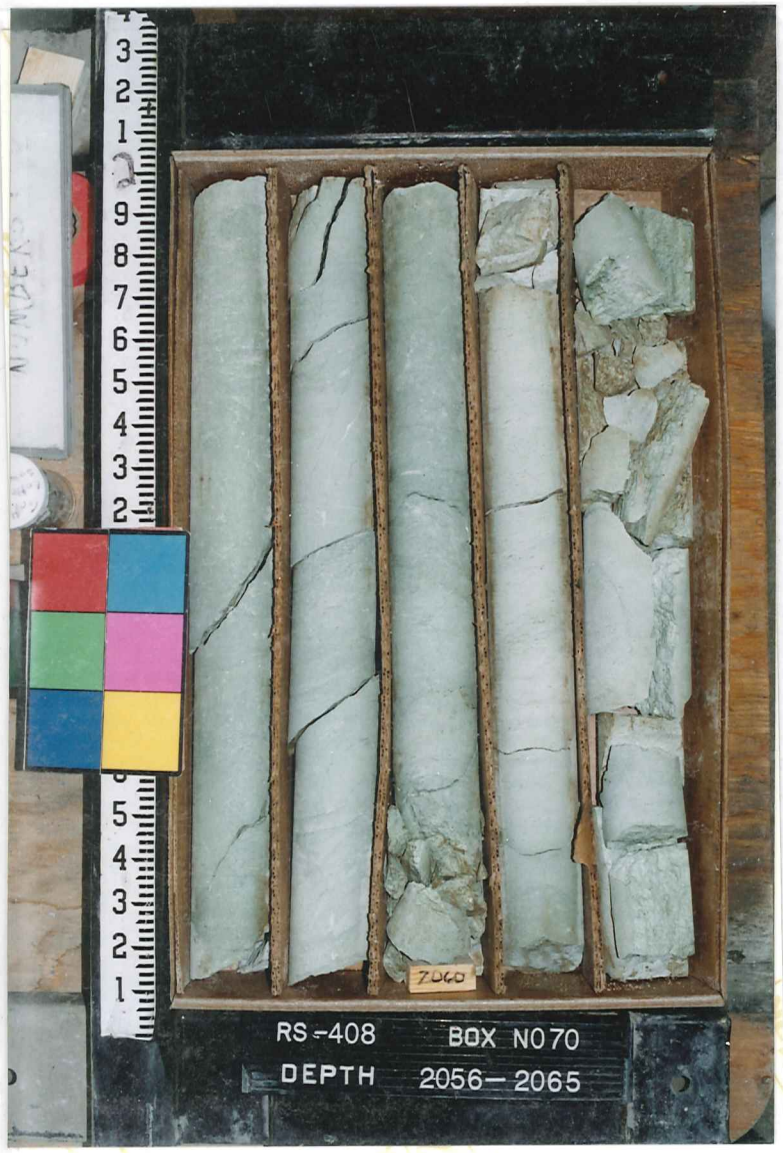

2009.2
RS -408 BOX NO 65
DEPTH 2006 – 2015


2015
RS -408 BOX NO 66
DEPTH 2015 – 2024


2029.8
RS-408 BOX NO 67
DEPTH 2024— 2035


2040
2042
RS-408 BOX NO 68
DEPTH 2035— 2047


2051
RS-408 BOX NO 69
DEPTH 2047— 2056

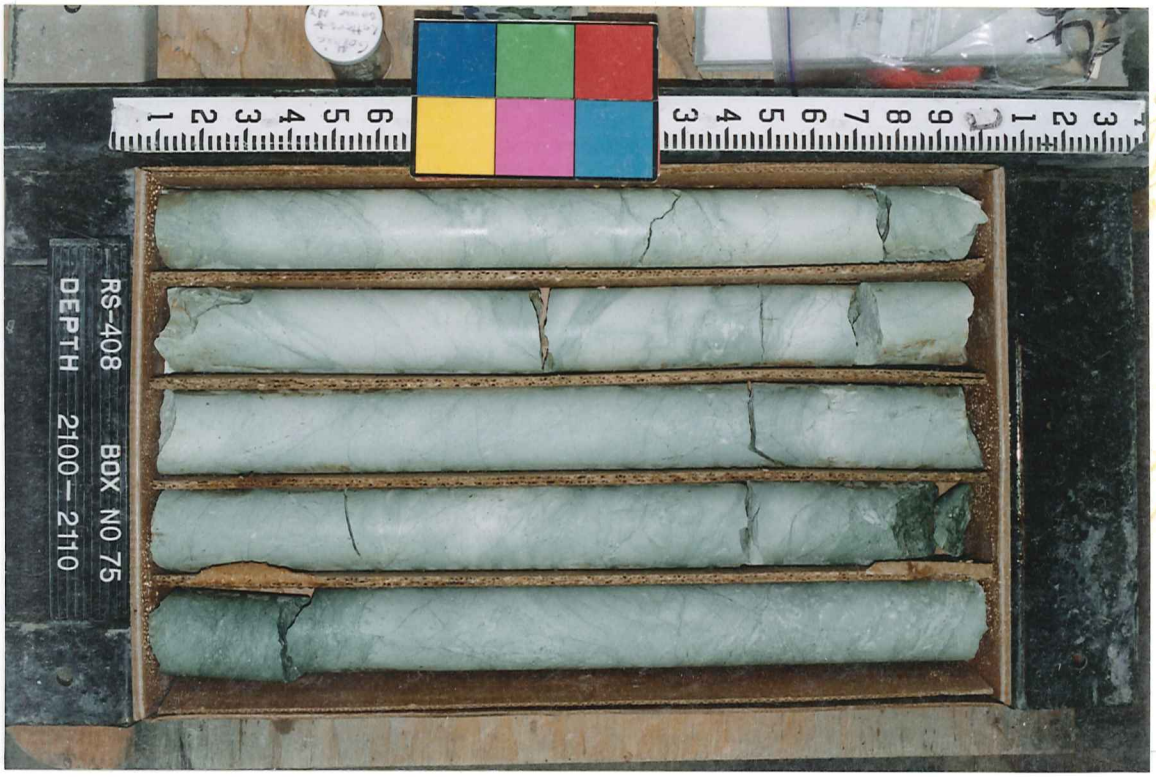

RS-408 BOX NO 70
DEPTH 2056–2065
2060


RS-408 BOX NO 71
DEPTH 2065–2074
2070


RS-408 BOX NO 72
DEPTH 2074–2083
2080

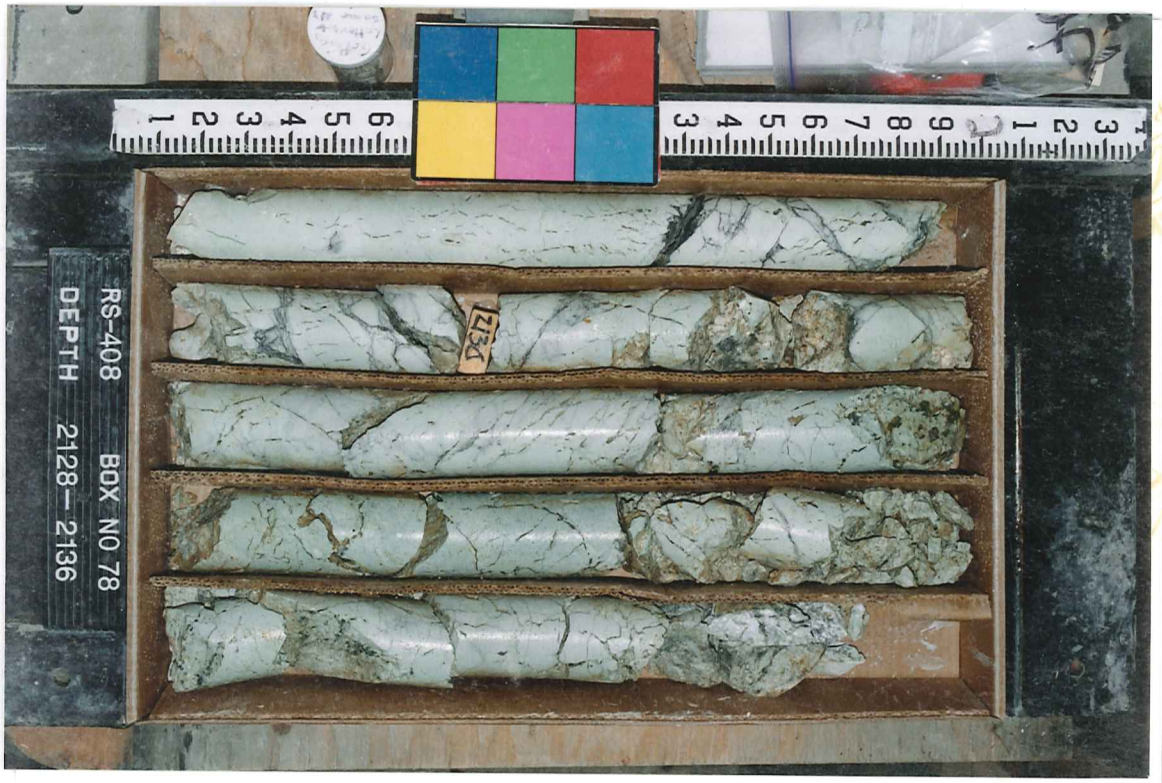

2090
RS-408 BOX NO 73
DEPTH 2083– 2092

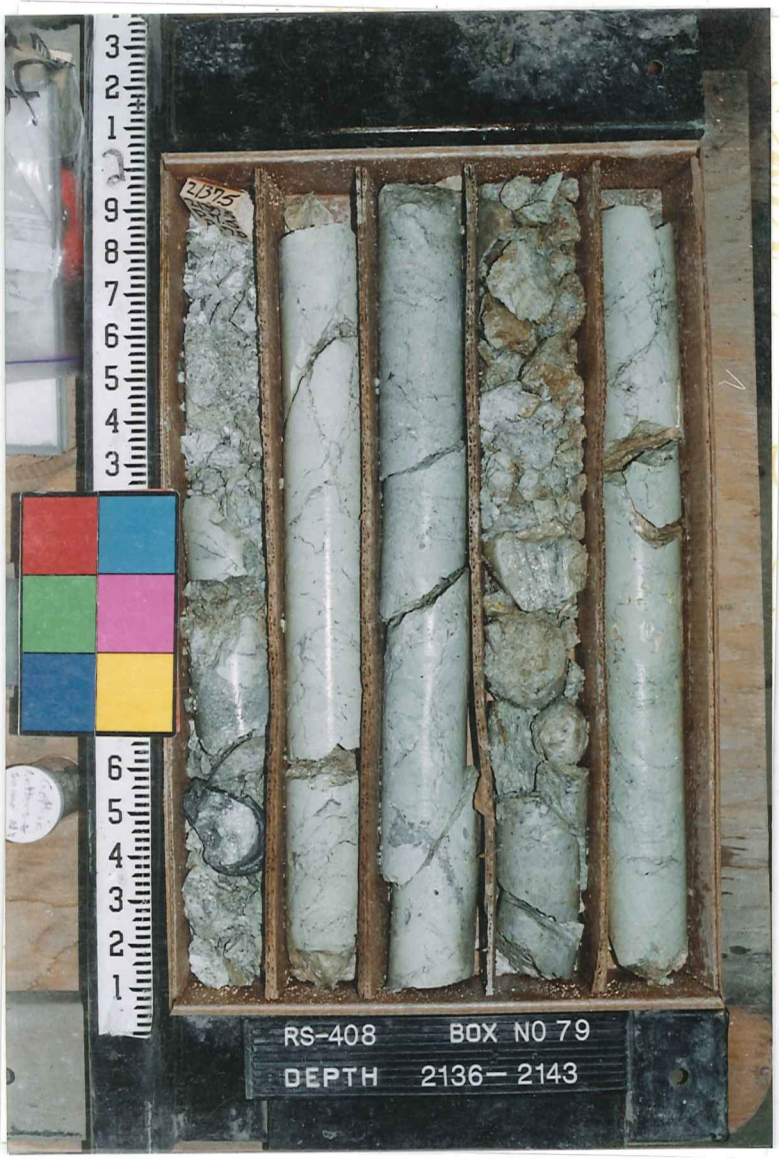

2100
RS-408 BOX NO 74
DEPTH 2092 – 2100


RS-408 BOX NO 75
DEPTH 2100– 2110

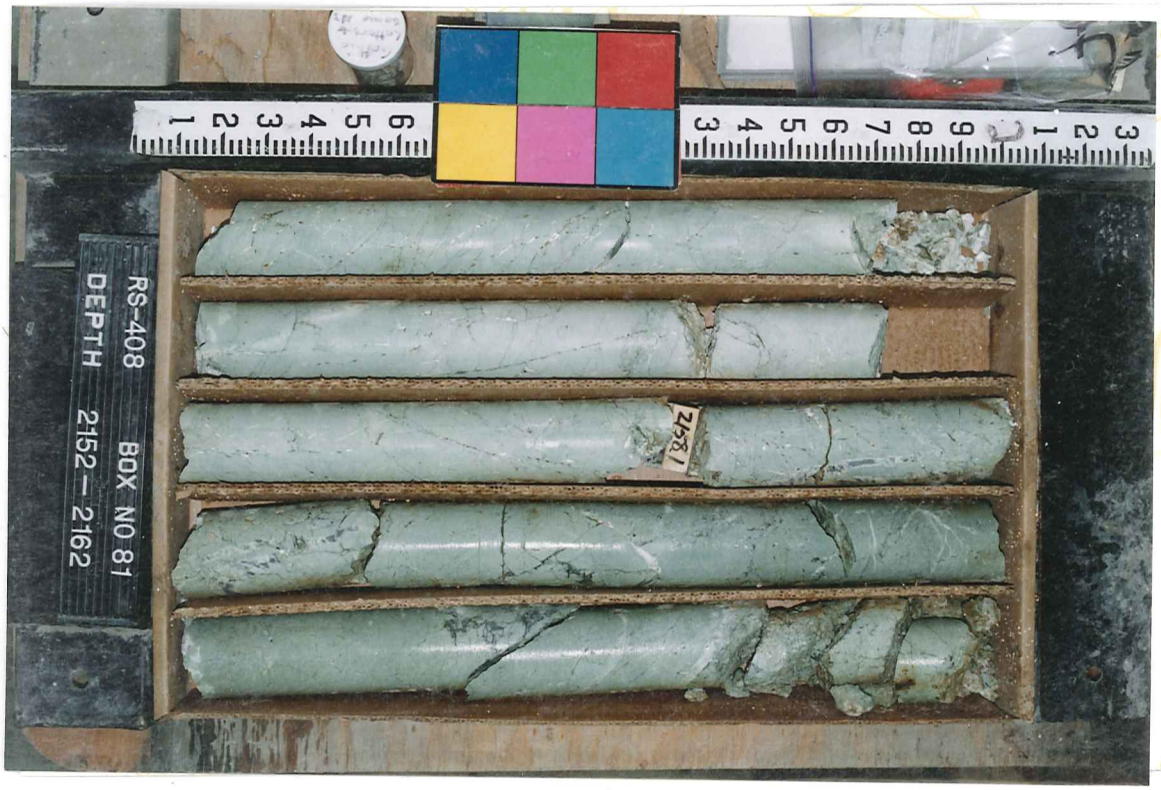

2110
RS-408 BOX NO 76
DEPTH 2110 – 2119


2120
RS-408 BOX NO 77
DEPTH 2119 – 2128


2130
RS-408 BOX NO 78
DEPTH 2128 – 2136

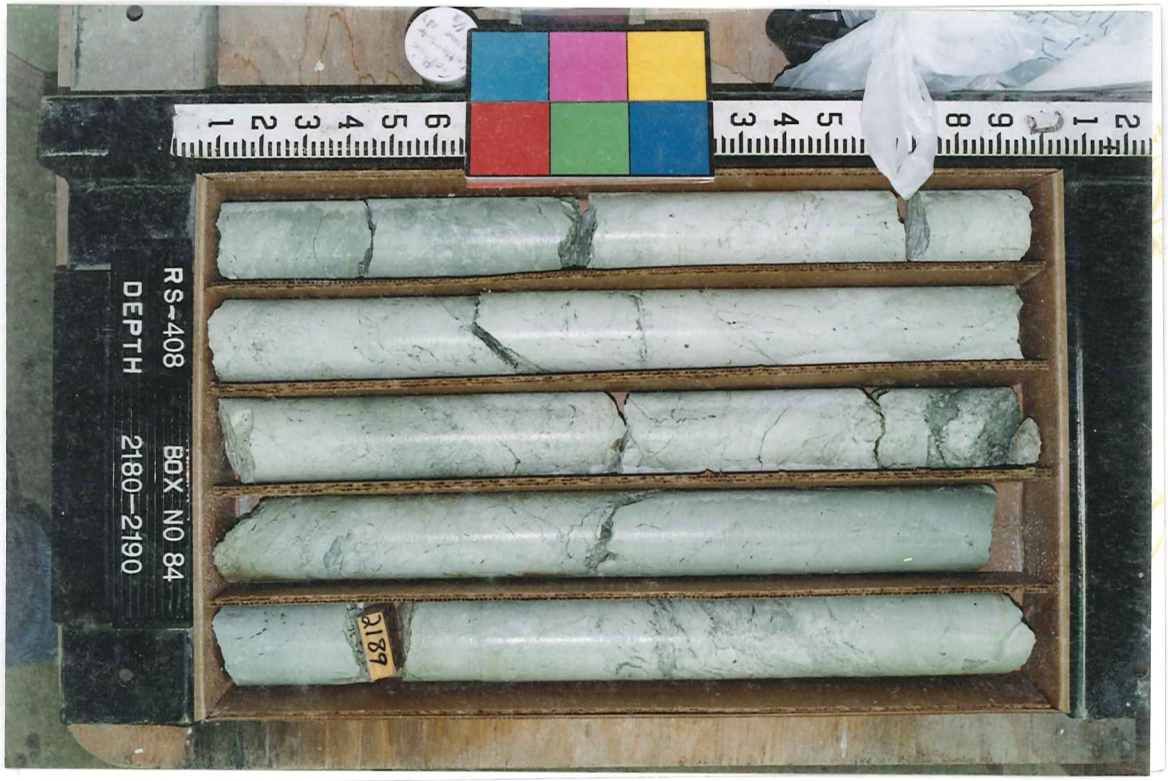

RS-408 BOX NO 79
DEPTH 2136 – 2143


RS-408 BOX NO 80
DEPTH 2143 – 2152


RS-408 BOX NO 81
DEPTH 2152 – 2162


2168.4
RS-408 BOX NO 82
DEPTH 2162 – 2171


2172.7
RS-408 BOX NO 83
DEPTH 2171–2180


2189
RS-408 BOX NO 84
DEPTH 2180–2190


2199.3
RS-408 BOX NO 85
DEPTH 2190-2199


RS-408 BOX NO 86
DEPTH 2199-2208


RS-408 BOX NO 87
DEPTH 2208-2217


2212.0
2224
RS-408 BOX NO 88
DEPTH 2217-2225


2232
RS-408 BOX NO 89
DEPTH 2225-2234


RS-408 BOX NO 90
DEPTH 2234.5-2242.5
2240.5


2250
RS-408 BOX NO 91
DEPTH 2242_5-2252_0


2260
RS-408 BOX NO 92
DEPTH 2252-2260


RS-408 BOX NO 93
DEPTH 2260_5-2269_0
2269