60000570

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-460
AUTHOR	R. B. Vance; R. Palkovits; R. Kellner; K. Child; C. Ballew
DATE OF DOC(S)	1999
MULTI_DIST Y / N? Additional Dist_Nos:	
QUAD_NAME	Sulphur 7.5'
P_M_C_NAME (mine, claim & company names)	Rosebud Mine; Rosebud Mining Co, LLC; White Alps; Newmont Gold Co, Newmont Exploration, LLC
COMMODITY If not obvious	gold; silver
NOTES	drill logs; assay; geology; photographs; geochemistry; total depth 211; invoice correspondence 75 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 3/19/08
Initials Date

DB:
Initials Date

SCANNED:
Initials Date

Revised: 1/22/08

RS-460 (White Alps)

220851 477625 500'

60000570
4010

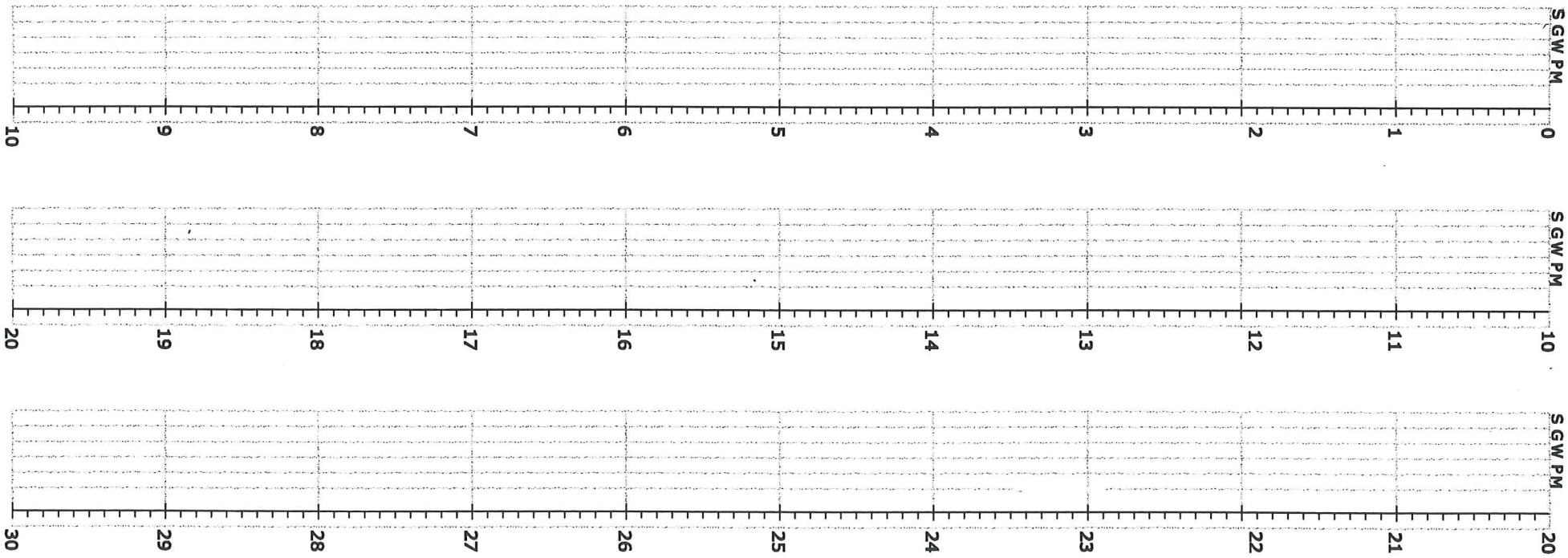
6000 0570

ROSEBUD MINING COMPANY, LLC.

START HOLE	FINISH HOLE	HOLE # RS-460	
HOLE TYPE	LOGGED BY		
BEARING	ANGLE -90	T.D	
PAGE 1 OF	SURVEYED TO		

Casing set to 1705'

COLLAR COORDINATES	
NORTH	2208511 est.
EAST	477625
ELEV	5990
DRILLING CO. EKlund	DRILLER Schoorl



ALTERATION INTENSITY

1 WEAK — 2 MODERATE — 3 STRONG

VERITHIN COLOR

737	SILICIFICATION
751	GREEN CLAY
747½	WHITE CLAY
755	PYRITE
757	MARCASITE

GRAPHIC LOG

VERITHIN COLOR	
741	BRECCIA
	FAULT 741
	CONTACT
737	QUARTZ VEIN
741½	CALCITE VEIN
747½	CLAY VEIN
755	PYRITE VEIN

Hole# RS-460c	Area White Alps	**Newmont Gold Company**	Az/Incl -90°		Page
Logged by R. B. Vance	Coords N		Total Depth 2111.0		1 of 6
Date 7/21/99	E		Contractor Longyear		

Core Form

Footage	% Rec	RQD	Formation	Rock type	Color	Au oz/st	Ag oz/st	Graphic	Attitudes	Fault	Breccia	Vein	Gouge	Comments	Silic	Argillic	Clay	Prop	Sericite	Chlorite	hematite	FeOX	CO3	Sulfide	Pyrite	Marcasite	Calc/Dolo			Mag Susc.
1700 No block	1701																													
	10.1	9.2												Red-matrix bxa of Tct: clasts are white to gray (altered), matrix pink to red due to hematite. Dominantly heterolithic and clast-supported.		1	1				2								
1710	—	—	Tct	volc bxa	Pinkish-red matrix, white clasts																									
	102 %	72 %												1716.5': thin-section to look at matrix--sed?																
1720									50 Tct / Bud 60					1721.8': Contact between pink and white flow bxa (Tct) and Light green epiclastic (Bud). 60°TCA. Bud has 3 cm, then a fault: 0.3' of gouge. Two other Flts @ 1725, 1728'.															
	7.8'	4.0'							45 Flt	2																				
	76	39		spotted epi					25 Flt	2																				
									30 Flt	1				Pyrite is very fine-grained.																
1730	1731.3'								40 Flt	1				slicks 10° TCA (=80° rake). Slip Core 2' @ 1731.3'. Flt @ 1732' w/ slicks 65° TCA (=35° rake)																
18 / 18.6	10.2 / 8.3	8.9																												
	123	86	Bud	epi, ss, cgL	Pale green to pale greenish-white									Epiclastic has spotted texture due to ?: devitrification? spherulites? This may be an ash-rich tuff that was reworked.		2	1			1			1		1					
1740	1739.6' / 9.8	8.1												Check sample 1733-1738'																
	95	79																												
1750	1749.9' / 9.8	8.9												1755.6': contact of argillized volcanic-rich Bud w/ dk greenish gray coarser epiclastic. Broken zone 1751'																
	97	68							64 s,jt.					shear jt along bedding plane slip																
				Lapilli tuff ?	dark greenish-gray			Fine / Coarse	65 So					epiclastic bedding: finer interbeds w/in coarse-grained matrix. Some fragments are 1-3 cm. Wispy laminations may be an ash matrix; some has developed into green clay. Devitrification textures are common. This may be a Lapilli tuff that is locally reworked. Grading as shown.																
1760	1760 / 10.2	8.3	Bud volc.					Coarse / Fine	55 So																					
	102	83							60 So																					
1770	1770																													

RBCORFRM.DWG Revised 10/12/98

Hole# RS-460c
Logged by R. B. Vance
Date 7/21/99

Area White Alps
Coords N
E

Newmont Gold Company

Core Form

Az/Incl -90°
Total Depth
Contractor

Footage	% Rec	RQD	Formation	Rock type	Color	Au oz/st	Ag oz/st	Graphic	Attitudes	Fault	Breccia	Vein	Gouge	Comments	Silic	Argillic	Clay	Prop	Sericite	Chlorite	hematite	FEOX	CO3	Sulfide	Pyrite	Marcasite	Calc/Dolo			Mag Susc.
1770	10.1	6.6																												
	101	66							coarse					Unaltered epiclastics																
					med to pale green			Fine	75 So					Weakly argillized and strongly sheared epiclastics																
1780	1780	3.2	Bud	epi					70 So						1	1				1			1		1					
	100	32				1785				2				Shear fabric in HW is 60-80° TCA.																
1790	1790					1790			70 FH	3			3	Major Fault 1790': 3" gouge. Bud in HW, LBT in FW. Bud is sheared and bx'd in HW. Angle to core is 70°; an extension jt w/ white clay and sulfide is 20° TCA. PIMA 1791' is _____.																
	9.9	2.8							20 white clay + sulf. s.j.																					
	98	28				1795									2	1								1	1					
1800	1800.1					1800.1								LBT: pale gray to tannish-gray w/ splotches of brown. Planar-laminated locally. Argillization is moderate, some strong. Brecciated 1800-1815 and 1822-24! Autobxa?																
	10.2	5.0																												
	101	50	Wild-rose	rhy. flow	v. lt gray, brownish-white, and pale tan	1805.1			15 FH																					
1810	1810.2		(LBT)							1				Minor flt w/ microbreccia; alt weakens slightly in FW.										2	2	1				
	8.4	5.3				1810.2																								
	93	59				1815.2			50 Planar laminat So																					
	1819.2																													
1820	9.6	3.5				1820.2																								
	112	41				1825.2								Slicks on joints, mostly dip slip.										1	1					
	1828.7								65 shear joint																					
1830	10.4	7.7				1828.7			75 So	3			1	MAJOR Flt: 1828.5-1829.2'. Lower slip plane is 65° TCA. LBT in HW, Bud in FW. Can't tell absolute angle of fault. Bud is a heterolithic conglomerate and coarse sandstone. Multiple fragment types. Wispy green clay @ 1839 may be an ash-rich matrix. Slicks are 50° TCA (= 40° rake) Difficult to see good bedding due to coarseness.																
	102	75	Bud ?	epi	Light yellowish green	1831.0			80 3-4 cm Q.V.						1					1			1							
	1838.9								65 So																					
1840																														

RBCURFRM.DWG Revised 10/12/98

Hole# RS-460c
Logged by R. B. Vance
Date 7/21/99

Area White Alps
Coords N
E

Newmont Gold Company

Core Form

Az/Incl -90°
Total Depth
Contractor

Footage	% Rec	RQD	Formation	Rock type	Color	Au oz/st	Ag oz/st	Graphic	Attitudes	Fault	Breccia	Vein	Gouge	Comments	Silic	Argillic	Clay	Prop	Sericite	Chlorite	hematite	FEOX	CO3	Sulfide	Pyrite	Marcasite	Calc/Dolo			Mag Susc.
1840	10.3	7.5	Bud ?	epi	red & green alternating				45 1 cm Q.V.					This fault @ 1829' has a repeat in the strat. sequence of Bud → Wildrose, but the next contact is gradational, not faulted.																
	100	73				1846.1			85 3-4 cm Q.V.							1	tr			1				tr	tr					
						1846.7			50 shear jt					sample of the Q.V. (py on selvages)																
	1849.2								55 weak 50					slicks are within 5° of pure dip slip.																
1850	10.0	8.4			maroon to dark reddish gray																									
	100	84																												
														Gradational contact with maroon epiclastics grading into massive maroon rhyolite.							tr									
	1859.2																													
1860	9.8	5.5	wild-rose (LBT)	rhy flow					No obvious laminations or foliation					rhyolite is bx'd. (autobxa?) to 1900', when alt'n increases and eradicates textures.																
	96	54																												
														red hem is zoned around tan clasts, which suggests there is a post-alteration overprint rather than simply a depletion of hematite. Also see textures at 1920-24'.																	
	1869.4																													
1870	4.2	3.5			reddish pink to red				48 s.j.											2										
	114	95																												
	1873.1 9.7	9.2																												
	98	93							35 s.j.																					
1880																														
	1883																													
	102	92																												
1890																														
						1895																								
	99	65			maroonish-red				25 ext. jt.																					
1900									83 jt 50 s.j.					Alteration incr. @ 1901'. Argillization causes bleached yellowish color w/ py dissem and rare py vnlts. Minor hem remains, as does minor green clay or chlor. Some clasts are preferentially replaced by fine pyrite. Alt. seems to occur around FLT @ 1907'.																	
	10.3	8.7			pale reddish-green																									
	103	87							40 FLT plane microbxa	2	2				2	tr			1					1	1					
1910																														

RBCORFRM.DWG Revised 10/12/98

Hole# RS-460c
Logged by R.B. Vance
Date 7/23/99

Area White Alps
Coords N
E

Newmont Gold Company

Core Form

Az/Incl -90°
Total Depth
Contractor

Footage	% Rec	RQD	Formation	Rock type	Color	Au oz/st	Ag oz/st	Graphic	Attitudes	Fault	Breccia	Vein	Gouge	Comments	Silic	Argillic	Clay	Prop	Sericite	Chlorite	hematite	FEOX	CO3	Sulfide	Pyrite	Marcasite	Calc/Dolo			Mag Susc.
1910	103	87				1911										2	tr			1				1	1					
		7.8				1915																								
	100	78												Alt'n weakens from 1916 to 1918'.																
1920						1920			15 clay-filled ext. jt.					minor shearing along green clay-filled ext. joint.																
	3.2 97 1926.3	3.4 73				1925																								
	38 100 1930.1	3.2 84	Wild-rose	rhy,	deep red w/ yellowish-white clasts											1					2									
1930	100	8.9	(LBT)	rhy bxa		1930.1																								
	98	87				1935.2								Breccia is mostly matrix-supported but some of the larger clasts are clast-supp.																
1940	1940.3 100	9.1				1940.3			50 microbxa on FLT																					
	99	90			reddish yellow-stn	1945.3																								
1950	1950.4 10.4	4.2				1950.4			42 s.j. w/ slicks 10° TCA; 10 ext. jt.																					
	104	42			brn-gray	1955.2																								
						1957			45 65 s.j. FLT	3	1		3	MAJOR FAULT: 1955.2-1958.6' Strong gouge and comminuted rock, w/ sulfide. This may be the Cave Fault, as projected from Dreamland. The best shear joint is 65° TCA; hole @ 1960' is -85, thus the FAULT is dipping 25-35°. Given the regional dip of the Cave, the dip here would be 30°. This contact is similar to ones seen in RS-446, RS-426, and possibly RS-445, where sulfide occurs in the hanging wall of the flt.	2	3							2	2					
						1958.6																								
1960	1960.4 10.0	9.1		aphyric rhy,	moderately dk greenish gray															1										
	99	90	Td	bx'd, auto-bx'd		1963.6			80 s.j.																					
1970	1970.5 10.1	7.9												Dozer in the Footwall is unusually dark green and unaltered. Textures are mostly massive, w/ some Autobxa and flow banding (1980.1')																	
	99	77							55 flow banding					Microphenos in flow banding.																
1980																														

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Hole# RS-460c
Logged by R.B. Vance
Date 8/20/99

Area White Alps
Coords N
E

Newmont Gold Company

Core Form

Az/Incl -90
Total Depth 2111'
Contractor

Footage	% Rec	RQD	Litho: Formation	Litho: Rock type	Litho: Color	Au oz/st	Ag oz/st	Graphic	Attitudes	Structure: Fault	Structure: Breccia	Structure: Vein	Structure: Gouge	Comments	Alteration: Silic	Alteration: Argillic	Alteration: Clay	Alteration: Prop	Alteration: Sericite	Alteration: Chlorite		Met.: FEOX	Met.: CO3	Met.: Sulfide	Mineralogy: Pyrite	Mineralogy: Marcasite	Mineralogy: Calc/Dolo			Mag Susc.
1980																														
1980.7	10.2	9.0	Td	rhy auto-bxa	pale green									Autobrecciated Dozer rhyolite																
	99	87							45 1.5cm cal vn																					
1990	1991																													
	8.7	7.3												1990.8-1993: porphyritic dike or sill, unaltered. sharp contacts are ragged and irregular. This unit has subhedral sanidine.. BMP or RQL?																	
	85	72	97 rec																											
2000	2001.2		86 RQD																											
	10.4	9.7												Pale autobx'd Td rhyolite; massive, featureless.																
	114	106							45 flow-banded rhy.																					
2010	2010.3																													
	10.5	8.4			light grey to grnish-white																									
	104	83																												
2020	2020.4																													
	10.2	8.5																												
	107	89				2023.5			20 5mm wide vn.					cal-clay-sulfide vn		1	1						tr	tr						
						2026.6																								
2030	2029.9																													
	10.3	9.7																												
	101	95							20 micro bxa					hm microbxa																
2040	2040.1																													
	98 / 10.2	7.9 / 10.2																												
2050																														

2050.3

Hole# RS-460c
Logged by R. B. Vance
Date 8/20/99

Area White Alps
Coords N
E

Newmont Gold Company

Core Form

Az/Incl -90
Total Depth
Contractor

Footage	% Rec	RQD	Litho: Formation	Litho: Rock type	Litho: Color	Au oz/st	Ag oz/st	Graphic	Attitudes	Structure: Fault	Structure: Breccia	Structure: Vein	Structure: Gouge	Comments	Alteration: Silic	Alteration: Argillic	Alteration: Clay	Alteration: Prop	Alteration: Sericite	Alteration: Chlorite	Alteration:	Met.: FEOX	Met.: CO3	Met.: Sulfide	Mineralogy: Pyrite	Mineralogy: Marcasite	Mineralogy: Calc/Dolo	Mineralogy:	Mineralogy:	Mag Susc.
2050	2050.3	8.7																												
	9.9								20					v. weakly developed ext. jts w/ cal-green clay or chl?																
	98	86			light grey to greenish-white				30																					
2060	2060.4																													
	10.2	9.0														1	1						tr							
	102	90																												
2070	2070.4																													
	10.4	10.4	Td	rhy auto-bxa																										
	104	104																												
2080	2080.4																													
	10.3	9.5							65 Flow banding																					
	103	95			med. grey									mottled gray Td rhyolite. vfg specularite? lithic clasts		0	0													
2090	2090.4																													
	9.8	9.3			pale bluish gray to grn											1							tr							
	95	90												minor green serpentine or talc; minor flting																
2100	2100.7				light yellowish-green	2100.7																								
	9.7	8.7							10 cal vn 3cm																					
						2103.3			s.j. 30																					
	94	84												shear jt		1	1						1	tr						
						2108																								
2110														2111.0' T.D.																
	2111.0					2111																								

RBCORFRM.DWG Revised 10/12/98

Hole# RS-460 **Newmont Gold Rotary Form** **Az/Incl** -90 **Page**

Logged by R. Vance **Area** White Alps **Total Depth** 1705'

Date 6/28/99 **Coords** **Contractor** Eklund **1 of**

Footage	Formation	Rock type	Color	Au oz/st	Ag oz/st	Graphic	fault	breccia	vein	gouge	Comments	Silic	argillic	clay	prop	Sericite	Chlorite	earthy hem	FeOX	CO3	Sulfide	Pyrite	Marcasite	Calc/Dolo	Clay	spec. hem
0	RQL	rQL	Tan to yellow tan								Rosebud quartz Latite (rQL). Distinctive yellowish-tan to pinkish-tan, granular texture w/ rare feldspar (sanidine?), and small xtln emerald green phenos. Minor flow banding. 0-625'.	1	2	1					2							
50											Appears slightly leached 0-110'.															
			pink, pale reddish-tan, and tan to yellowish tan								reddish-gray smoky qtz phenos 75-85'.	2	2	1				1	2							
100																										
											oxide-sulfide contact 145'										1	1				
150			yellowish-tan, Lt gray, Lt pinkish-tan								pyrite is small, cubic, disseminated and vnlt. (2-3%) smoky qtz pheno 165'	2	2	1					tr		2	2	tr.			
200											220-265': dense, siliceous reddish-brown silicification. vitreous qtz. >3mm fresh sanidine 220-225'.															
			reddish-brown to Lt reddish gray																		1	1				
250																										
			yellowish-tan, pale tan to lt. gray								small xtln emerald green phenos (after mafics?)										2	2				
300											sharp alt. contact. Gray rQL is granular, sanidine. weakly altered only -- Good example of unalt. RQL		tr					1								2
			dk reddish gray								320-325: altered as above interval	1	2	1							1	1				
													tr					1								2
350																										
400																										
450																										
500																										

Newmont Gold Rotary Form

Hole# RS-460 **Az/Incl** -90 **Page** 2 of ___

Logged by R. Vance **Area** White Alps **Total Depth** ___

Date 6/28/99 **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	Alteration:	Met.: FEOX	Met.: CO3	Met.: Sulfide	Mineralogy: Pyrite	Mineralogy: Marcasite	Mineralogy: Calc/Dolo	Mineralogy: Clay	Mineralogy:
500	RQL	rqL	Pale yellowish-tan to whitish-gray																							
550																										
600																										
625		epi?	dark green								green and red xtlline rock w/ microphenos. Could be clasts in an epiclastic, or a volc. bxa.				1		2			1	1				
650											Unknown: glomeroporphyritic plag, microphenos of emerald green to chloritic mafics? Heterolithic														
700		epi									Epiclastic 685-															
750																										
800																										
850																										
900																										
950																										
1000																										

Newmont Gold Rotary Form

Hole# _____ Az/Incl _____ Page

Logged by _____ Area _____ Total Depth _____

Date _____ Coords _____ Contractor _____ ____ of ____

Footage	Litho			Au oz/st	Ag oz/st	Graphic	Structure				Comments	Alteration							Met.			Mineralogy				
	Formation	Rock type	Color				fault	breccia	vein	gouge		Silic	argillic	clay	prop	Sericite	Chlorite		FEOX	CO3	Sulfide	Pyrite	Marcasite	Calc/Dolo	Clay	

BARRINGER LABORATORIES INC.

15000 W. 6TH AVE., SUITE 300
GOLDEN, COLORADO 80401
PHONE: (303) 277-1687

5301 LONGLEY LANE
BUILDING E, SUITE 178
RENO, NEVADA 89511
PHONE: (775) 828-1158

27-Sep-99

CHARLOTTE BALLEW
NEWMONT GOLD CO.
861 W. 6TH STREET
WINNEMUCCA NV 89445

Attn: Randy Vance
Project: RS-460c
PO #:

Received: 22-Aug-99 23:06

Job: 993296R

Status: Final

Drill Core

Sample Id	Au FA/AA ppb	Au FA/AA oz/ton	Ag 3 ACID ICP ppm	Al 3 ACID ICP %	As 3 ACID ICP ppm	B 3 ACID ICP ppm	Ba 3 ACID ICP ppm
RS-460C 2023.5-2026.6	<2	0.000	<0.1	0.32	10	15	27
RS-460C 2100.7-2103.3	4	0.000	0.3	0.30	23	11	21
RS-460C 2103.3-2108	3	0.000	<0.1	0.25	6	15	37
RS-460C 2108-2111	7	0.000	<0.1	0.29	4	12	19

Sample Id	Bi 3 ACID ICP ppm	Ca 3 ACID ICP %	Cd 3 ACID ICP ppm	Co 3 ACID ICP ppm	Cr 3 ACID ICP ppm	Cu 3 ACID ICP ppm	Fe 3 ACID ICP %	Hg HYG ppb
RS-460C 2023.5-2026.6	<1	0.24	0.5	<1	14	9	0.98	13
RS-460C 2100.7-2103.3	<1	2.33	<0.5	<1	47	22	0.59	13
RS-460C 2103.3-2108	<1	0.29	1.2	<1	31	40	0.77	13
RS-460C 2108-2111	<1	0.22	3.7	<1	33	23	0.71	13

Sample Id	K 3 ACID ICP %	La 3 ACID ICP ppm	Mg 3 ACID ICP %	Mn 3 ACID ICP ppm	Mo 3 ACID ICP ppm	Na 3 ACID ICP %	Ni 3 ACID ICP ppm
RS-460C 2023.5-2026.6	0.33	26	0.02	243	1	<0.01	1
RS-460C 2100.7-2103.3	0.46	21	0.01	871	<1	0.02	2
RS-460C 2103.3-2108	0.34	22	0.01	241	3	<0.01	1

BARRINGER LABORATORIES INC.

15000 W. 6TH AVE., SUITE 300
GOLDEN, COLORADO 80401
PHONE: (303) 277-1687

5301 LONGLEY LANE
BUILDING E, SUITE 178
RENO, NEVADA 89511
PHONE: (775) 828-1158

27-Sep-99

CHARLOTTE BALLEW
NEWMONT GOLD CO.
861 W. 6TH STREET
WINNEMUCCA NV 89445

Attn: Randy Vance
Project: RS-460c

Received: 22-Aug-99 23:06

PO #:

Job: 993296R

Status: Final

Drill Core

Sample Id	K 3 ACID ICP %	La 3 ACID ICP ppm	Mg 3 ACID ICP %	Mn 3 ACID ICP ppm	Mo 3 ACID ICP ppm	Na 3 ACID ICP %	Ni 3 ACID ICP ppm
RS-460C 2108-2111	0.39	24	0.01	215	5	<0.01	1

Sample Id	P 3 ACID ICP ppm	Pb 3 ACID ICP ppm	Sb 3 ACID ICP ppm	Se 3 ACID ICP ppm	Sr 3 ACID ICP ppm	Ti 3 ACID ICP %	Tl 3 ACID ICP ppm
RS-460C 2023.5-2026.6	35	18	<2	<0.5	40	<0.01	<0.5
RS-460C 2100.7-2103.3	42	20	<2	<0.5	212	<0.01	<0.5
RS-460C 2103.3-2108	32	38	<2	0.6	51	<0.01	<0.5
RS-460C 2108-2111	33	49	<2	<0.5	48	<0.01	<0.5

Sample Id	V 3 ACID ICP ppm	W 3 ACID ICP ppm	Zn 3 ACID ICP ppm
RS-460C 2023.5-2026.6	<2	<1	56
RS-460C 2100.7-2103.3	<2	<1	25
RS-460C 2103.3-2108	<2	<1	43
RS-460C 2108-2111	<2	<1	52

BARRINGER LABORATORIES INC.

15000 W. 6TH AVE., SUITE 300
GOLDEN, COLORADO 80401
PHONE: (303) 277-1687

5301 LONGLEY LANE
BUILDING E, SUITE 178
RENO, NEVADA 89511
PHONE: (775) 828-1158

27-Sep-99

CHARLOTTE BALLEW
NEWMONT GOLD CO.
861 W. 6TH STREET
WINNEMUCCA NV 89445

Attn: Randy Vance
Received: 22-Aug-99 23:06
Project: RS-460c
PO #:

Job: 993296R
Status: Final

Abbreviations:

Parameters:

Au	: Gold
Ag	: Silver
Al	: Aluminum
As	: Arsenic
B	: Boron
Ba	: Barium
Bi	: Bismuth
Ca	: Calcium
Cd	: Cadmium
Co	: Cobalt
Cr	: Chromium
Cu	: Copper
Fe	: Iron
Hg	: Mercury
K	: Potassium
La	: Lanthanum
Mg	: Magnesium
Mn	: Manganese
Mo	: Molybdenum
Na	: Sodium
Ni	: Nickel
P	: Phosporus
Pb	: Lead

BARRINGER LABORATORIES INC.

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27-Sep-99

CHARLOTTE BALLEW
NEWMONT GOLD CO.
861 W. 6TH STREET
WINNEMUCCA NV 89445

Attn: Randy Vance
Received: 22-Aug-99 23:06
Project: RS-460c
PO #:

Job: 993296R
Status: Final

Sb	: Antimony
Se	: Selenium
Sr	: Strontium
Ti	: Titanium
Tl	: Thallium
V	: Vanadium
W	: Tungsten
Zn	: Zinc

Methods:

FA/AA	: Fire Assay/Atomic Absorption Finish
3 ACID ICP	: HF,HNO3, HCL Digestion, Inductively Coupled Plasma
HYG	: Hydride Generation

Units:

ppb	: Parts per billion
oz/ton	: ounces per ton
ppm	: Parts per million
%	: percent

Quality codes:

<	: Less than

BARRINGER LABORATORIES INC.

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CHARLOTTE BALLEW
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Attn: Randy Vance
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Received: 22-Aug-99 23:06
PO #:

Job: 993296R

Status: Final

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 geologic 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.

Job approved by:

Signed: Richard A. Grondin
Chuck Whipple
Richard Grondin

cc: RANDY VANCE, NEWMONT MINING CORP.

BARRINGER LABORATORIES INC.

15000 W. 6TH AVE., SUITE 300
GOLDEN, COLORADO 80401
PHONE: (303) 277-1687

5301 LONGLEY LANE
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PHONE: (775) 828-1158

INVOICE

CHARLOTTE BALLEW
NEWMONT GOLD CO.
861 W. 6TH STREET
WINNEMUCCA NV 89445

Date : **27-Sep-99**
Job : **993296R**
Invoice: **40883R**

Authority: Randy Vance
PO #:
Project: RS-460c
Terms:

	Preparation Charges:		
4	Dcore 11-15 Lbs	4.25	$ 17.00
	Analyses:		
4	Au FA/AA		
4	30 Element ICP Pkg.- 3 Acid		
4	Per Quote :	18.43	$ 73.72
1	30% Discount:	-27.22	$ -27.22
	Sub Total:		$ 63.50
	TOTAL DUE:		$ 63.50

Remit to: Barringer Laboratories, Inc.
Department 0297
Denver, CO 80291-0297

--- Remittance Copy ---

CUSTOMER: NEWMONT GOLD COMPANY
MINE SITE: ROSEBUD
HOLE NO.: RS460
DATE: 21/07/99

SILVER STATE SURVEYS, INC.

Survey Certified By

ROBERT PALKOVITS/RYAN KELLNER

PROJECTED DEPTH:

MEAS DEPTH (FEET)	TRUE VERTICAL DEPTH (FEET)	TRUE VERTICAL X-SECTION (FEET)	INCL (HORZ) (DEG)	DIRECTION (AZIMUTH)	RECTANGULAR COORDINATES N-/S- (FEET)	E-/W- (FEET)	DOGLEG 50/FT (DEGREES)	CLOSURE DISTANCE (FEET)	CLOSURE DIR (DEG)	HOLE TEMP (F) (DEG)
0	0.00	0.00	-89.50	0.98	0.00	0.00	0.00	0.00	0.00	68.6
50	50.00	0.20	-89.14	158.37	-0.13	0.14	1.33	0.20	133.19	68.6
100	99.98	1.32	-88.06	190.82	-1.31	0.12	1.30	1.32	174.68	68.6
150	149.94	3.36	-87.13	191.91	-3.37	-0.29	0.94	3.38	185.00	66.6
200	199.88	5.75	-87.27	208.49	-5.64	-1.12	0.82	5.75	191.24	70.3
250	249.80	8.52	-86.06	194.24	-8.35	-2.11	1.45	8.62	194.19	70.3
300	299.62	12.74	-84.49	192.50	-12.35	-3.05	0.26	12.74	193.88	70.3
350	349.38	17.66	-84.18	188.40	-17.22	-3.94	0.26	17.66	192.90	70.3
400	399.12	22.74	-84.08	183.58	-22.30	-4.48	0.25	22.74	191.35	71.2
450	448.90	27.34	-85.25	181.37	-26.94	-4.69	0.59	27.34	189.87	72.1
500	498.72	31.51	-85.14	184.44	-31.12	-4.90	0.28	31.51	188.95	72.1
550	548.53	35.79	-84.62	185.98	-35.51	-4.50	1.72	36.79	187.22	73.0
600	598.24	40.84	-83.06	186.56	-40.72	-3.23	0.13	40.84	184.53	73.0
650	647.91	46.24	-83.81	181.26	-46.21	-1.66	0.48	46.24	182.06	73.0
700	697.59	51.64	-83.24	188.18	-51.64	-0.19	0.48	51.64	180.21	73.8
750	747.29	57.06	-84.07	187.79	-57.05	0.98	0.42	57.08	179.04	73.8
800	797.01	62.08	-83.94	158.73	-62.03	2.45	0.48	62.08	177.73	74.7
850	846.76	66.97	-84.47	168.99	-66.86	3.86	0.58	66.97	176.68	75.6
900	896.52	71.74	-84.29	159.42	-71.55	5.21	0.48	71.74	175.83	76.5
950	946.28	76.53	-84.45	168.43	-76.24	6.57	0.45	76.53	175.07	76.5
1000	996.05	81.23	-84.65	165.03	-80.87	7.66	0.19	81.23	174.59	78.2
1050	1045.83	85.82	-84.61	161.76	-85.35	9.00	0.15	85.82	173.98	78.2
1100	1095.60	90.47	-84.30	154.60	-89.82	10.80	0.38	90.47	173.15	79.1
1150	1145.35	95.39	-84.08	166.39	-94.57	12.47	0.61	95.39	172.49	80.0
1200	1195.10	100.25	-84.65	162.42	-99.30	13.78	0.34	100.25	172.10	80.9
1250	1244.84	105.21	-83.54	155.05	-104.04	15.65	0.63	105.21	171.44	81.7
1300	1294.55	110.53	-83.83	164.09	-108.13	17.56	0.50	110.53	170.86	82.6
1350	1344.25	115.92	-83.74	166.87	-114.37	18.91	0.16	115.92	170.61	82.6
1400	1394.00	120.89	-84.84	168.89	-119.23	19.97	0.56	120.89	170.49	84.4
1450	1443.82	125.16	-85.34	165.10	-123.40	20.82	0.30	125.16	170.38	85.1
1500	1493.63	129.47	-84.60	156.61	-127.52	22.38	0.52	129.47	170.05	87.0
1550	1543.43	133.81	-85.25	167.60	-131.68	23.75	0.59	133.81	169.78	88.8
1600	1593.27	137.83	-85.47	165.11	-135.51	24.67	0.11	137.83	169.59	102.8
1650	1643.12	141.73	-85.56	165.11	-139.39	25.64	0.06	141.73	169.58	102.8
1700	1692.97	145.59	-85.56	165.97	-143.14	26.60	0.03	145.59	169.47	103.7
1750	1742.81	149.62	-85.13	169.55	-147.08	27.45	0.24	149.62	169.43	104.6
1800	1792.64	153.70	-85.45	169.91	-151.10	28.18	0.13	153.70	169.43	104.6
1850	1842.47	157.75	-85.26	170.42	-155.09	28.87	0.10	157.75	169.45	105.5
1900	1892.30	161.90	-85.23	170.42	-159.18	29.56	0.01	161.90	169.46	106.4
1950	1942.13	166.02	-85.33	169.76	-163.23	30.27	0.06	166.02	169.49	106.4
2000	1991.96	170.11	-85.27	169.38	-167.26	31.01	0.03	170.11	169.50	108.1
2050	2041.80	174.18	-85.40	169.05	-171.26	31.77	0.07	174.18	169.49	109.0
2070	2061.73	175.80	-85.32	169.08	-172.84	32.08	0.06	175.80	169.48	109.9

Randy Vance

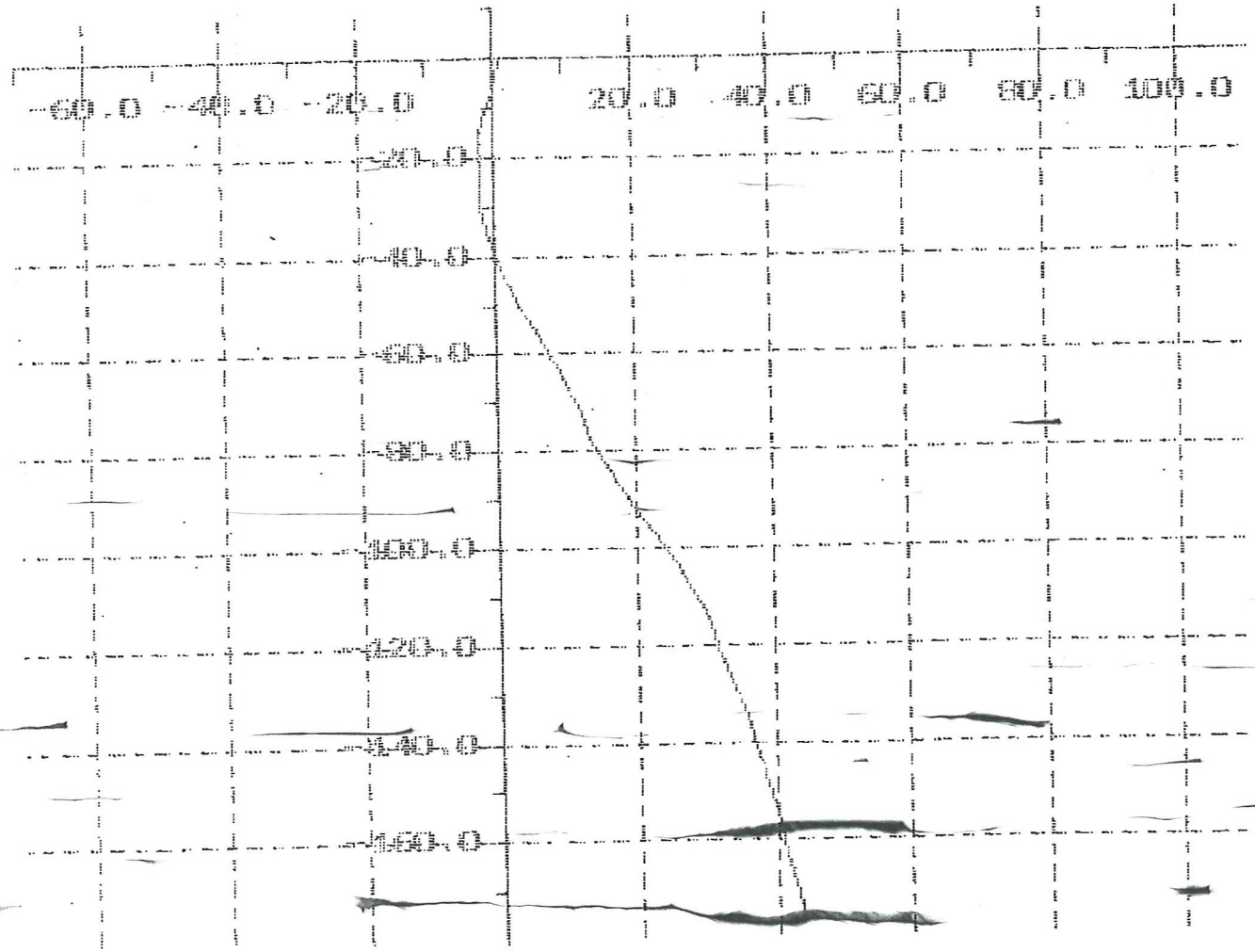
HORIZONTAL PROJECTION

Time: 09:46:16

Date: 7-21-99

Survey File: RS460 Starting from 0.0 E/W 0.0 N/S

Customer: NEWMONT GOLD CO Bottom closure direction: 160.0



E/W Data Max: 43.5

E/W Data Min: -2.1

(Scale in feet)

N/S Data Max: 0.0

N/S Data Min: -174.3

VERTICAL PROJECTIC

Survey File RS460

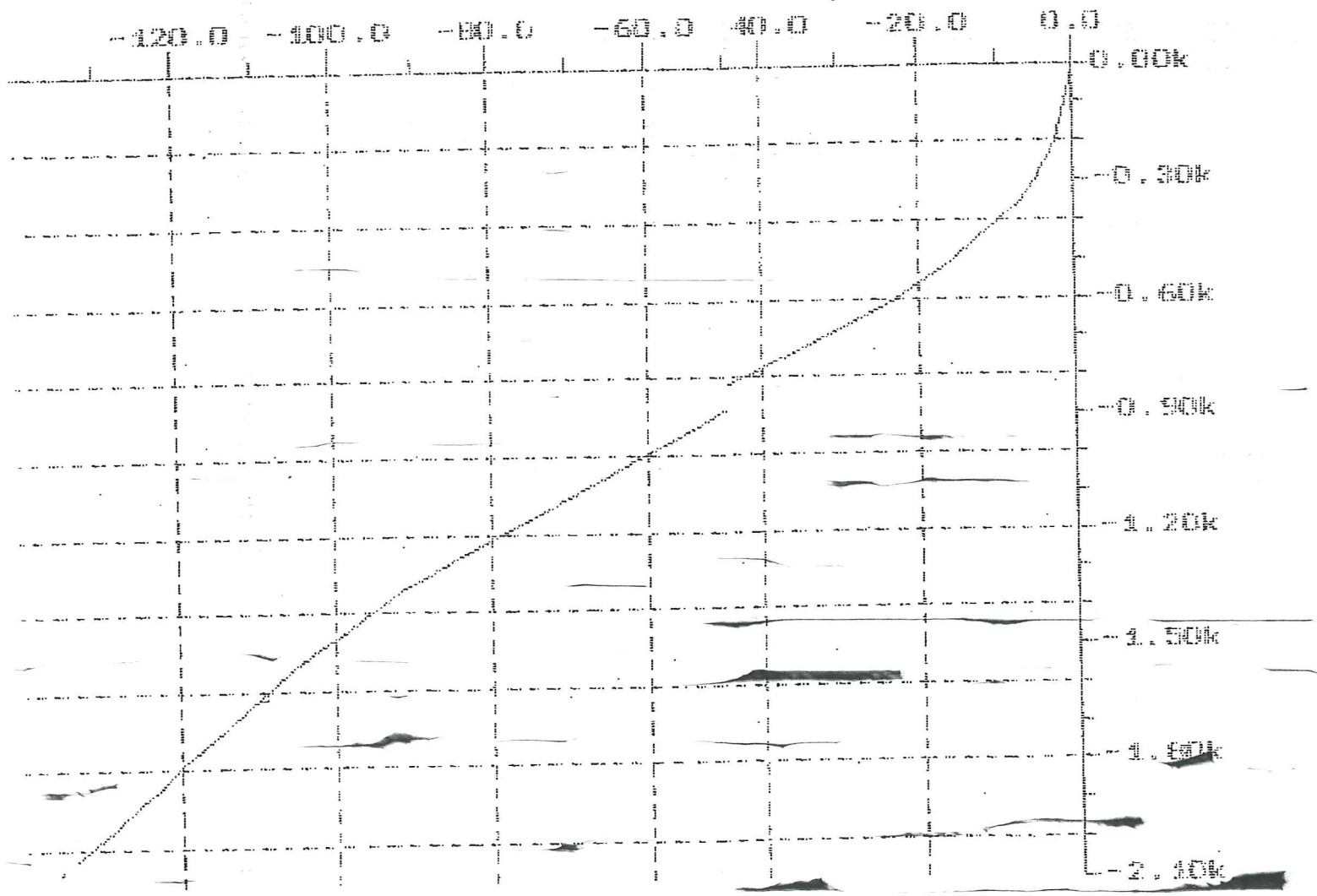
Section direction 105.0

Time: 09:46:16

Date: 7-21-99

Customer: NAMONT GOLD CO

Starting from 0.0 E/A 0.0 N/S



Horiz DataMax: 0.0

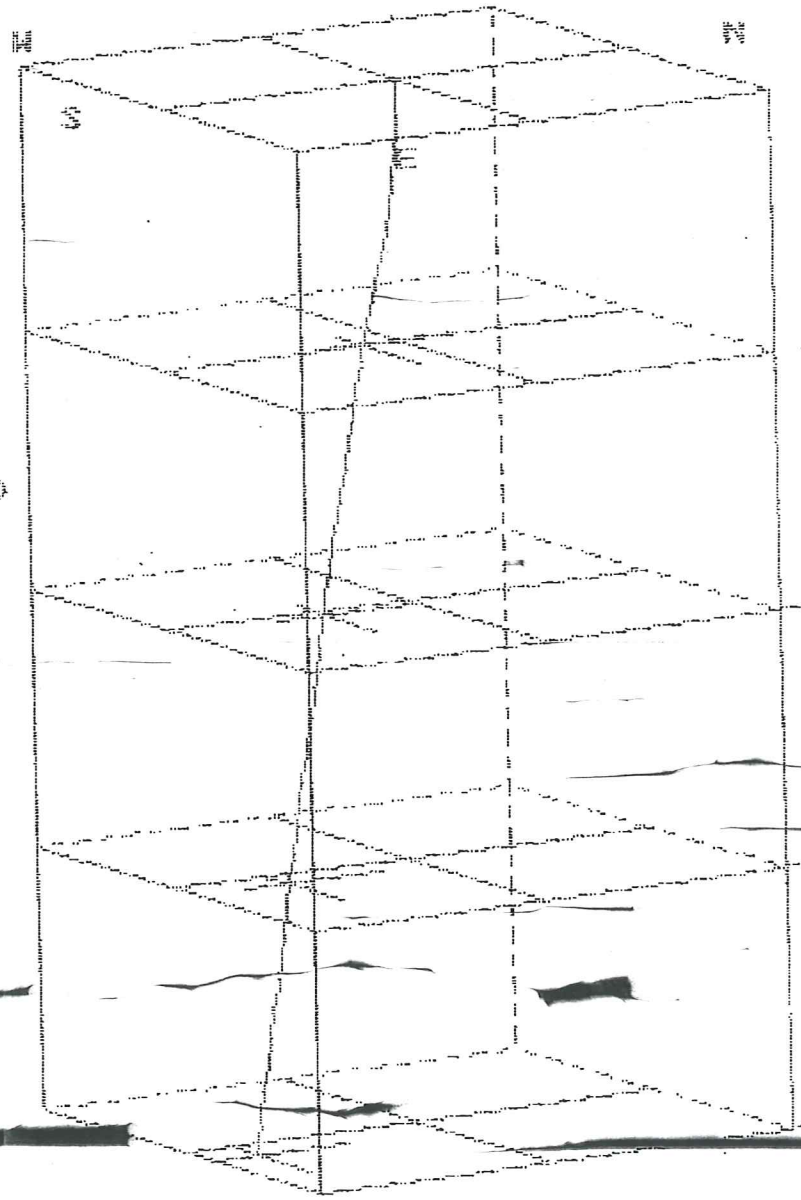
Horiz DataMin: -135.6

(scale in feet)

Vert Data Max: 0.0

Vert Data Min: -2061.1

3D PROJECTION



Su ey File: PS460
Cu mer: NEWMONT GOLD
Da : 7-21-99
Ti : 09:46:16

E
S
O
M

CUSTOMER----------: NEWMONT GOLD COMPANY
MINE SITE----------: ROSEBUD
HOLE NO.----------: RS460
DATE----------: 6/5/99

SILVER STATE SURVEYS, INC.

==========
Survey Certified By

KENT CHILD
==========

PROJECTED DEPTH--: 1580-1700

MEAS DEPTH (FEET)	TRUE VERTICAL DEPTH (FEET)	TRUE VERTICAL X-SECTION (FEET)	INCL (HORZ) (DEG)	DIRECTION (AZIMUTH)	RECTANGULAR COORDINATES N+/S- (FEET)	E+/W- (FEET)	DOGLEG 50/FT (DEGREES)	CLOSURE DISTANCE (FEET)	CLOSURE DIR (DEG)	HOLE TEMP (F) (DEG)
0	0.00	0.00	-89.50	0.98	0.00	0.00	0.00	0.00	0.00	68.6
50	50.00	0.20	-89.14	158.37	-0.13	0.14	1.33	0.20	133.19	68.6
100	99.98	1.32	-88.06	190.82	-1.31	0.12	1.30	1.32	174.68	68.6
150	149.94	3.38	-87.13	191.91	-3.37	-0.29	0.94	3.38	185.00	68.6
200	199.88	5.75	-87.27	208.49	-5.64	-1.12	0.82	5.75	191.24	70.3
250	249.80	8.62	-86.06	194.24	-8.35	-2.11	1.45	8.62	194.19	70.3
300	299.62	12.74	-84.49	192.50	-12.36	-3.05	0.26	12.74	193.88	70.3
350	349.38	17.66	-84.18	188.40	-17.22	-3.94	0.26	17.66	192.90	70.3
400	399.12	22.74	-84.08	183.58	-22.30	-4.48	0.25	22.74	191.35	71.2
450	448.90	27.34	-85.25	181.37	-26.94	-4.69	0.59	27.34	189.87	72.1
500	498.72	31.51	-85.14	184.44	-31.12	-4.90	0.28	31.51	188.95	72.1
550	548.53	35.79	-84.62	165.98	-35.51	-4.50	1.72	35.79	187.22	73.0
600	598.24	40.84	-83.06	166.56	-40.72	-3.23	0.13	40.84	184.53	73.0
650	647.91	46.24	-83.81	161.26	-46.21	-1.66	0.48	46.24	182.06	73.0
700	697.59	51.64	-83.24	168.18	-51.64	-0.19	0.48	51.64	180.21	73.8
750	747.29	57.06	-84.07	167.79	-57.05	0.96	0.42	57.06	179.04	73.8
800	797.01	62.08	-83.94	158.73	-62.03	2.46	0.48	62.08	177.73	74.7
850	846.76	66.97	-84.47	168.99	-66.86	3.88	0.58	66.97	176.68	75.6
900	896.52	71.74	-84.29	159.42	-71.55	5.21	0.48	71.74	175.83	76.5
950	946.28	76.53	-84.45	168.43	-76.24	6.57	0.45	76.53	175.07	76.5
1000	996.05	81.23	-84.65	165.03	-80.87	7.66	0.19	81.23	174.59	78.2
1050	1045.83	85.82	-84.61	161.76	-85.35	9.00	0.15	85.82	173.98	78.2
1100	1095.60	90.47	-84.30	154.60	-89.82	10.80	0.38	90.47	173.15	79.1

1700 @ 230
1580 @ [illegible]

CUSTOMER----------: NEWMONT GOLD COMPANY
MINE SITE----------: ROSEBUD
HOLE NO.----------: RS460
DATE----------: 6/5/99

SILVER STATE SURVEYS, INC.

==========
Survey Certified By

KENT CHILD
==========

PROJECTED DEPTH--: 1580-1700

MEAS DEPTH (FEET)	TRUE VERTICAL DEPTH (FEET)	TRUE VERTICAL X-SECTION (FEET)	INCL (HORZ) (DEG)	DIRECTION (AZIMUTH)	RECTANGULAR COORDINATES N+/S- (FEET)	E+/W- (FEET)	DOGLEG 50/FT (DEGREES)	CLOSURE DISTANCE (FEET)	CLOSURE DIR (DEG)	HOLE TEMP (F) (DEG)
1100	1095.60	90.47	-84.30	154.60	-89.82	10.80	0.38	90.47	173.15	79.1
1150	1145.35	95.39	-84.08	166.39	-94.57	12.47	0.61	95.39	172.49	80.0
1200	1195.10	100.25	-84.65	162.42	-99.30	13.78	0.34	100.25	172.10	80.9
1250	1244.84	105.21	-83.64	155.05	-104.04	15.65	0.63	105.21	171.44	81.7
1300	1294.55	110.53	-83.83	164.09	-109.13	17.56	0.50	110.53	170.86	82.6
1350	1344.25	115.92	-83.74	166.87	-114.37	18.91	0.16	115.92	170.61	82.6
1400	1394.00	120.89	-84.84	168.89	-119.23	19.97	0.56	120.89	170.49	84.4
1450	1443.82	125.16	-85.34	165.10	-123.40	20.92	0.30	125.16	170.38	86.1
1500	1493.63	129.47	-84.60	156.61	-127.52	22.38	0.52	129.47	170.05	87.0
1550	1543.43	133.81	-85.29	167.60	-131.68	23.75	0.59	133.81	169.78	88.8
1580	1573.33	136.28	-85.28	168.10	-134.10	24.27	0.03	136.28	169.74	90.5
1600	1593.26	137.92	-85.30	168.40	-135.70	24.61	0.03	137.92	169.72	
1650	1643.10	142.01	-85.32	168.90	-139.71	25.41	0.03	142.01	169.69	
1700	1692.93	146.08	-85.34	169.30	-143.71	26.18	0.02	146.08	169.68	

HORIZONTAL PROJECTION

Survey File: RS460

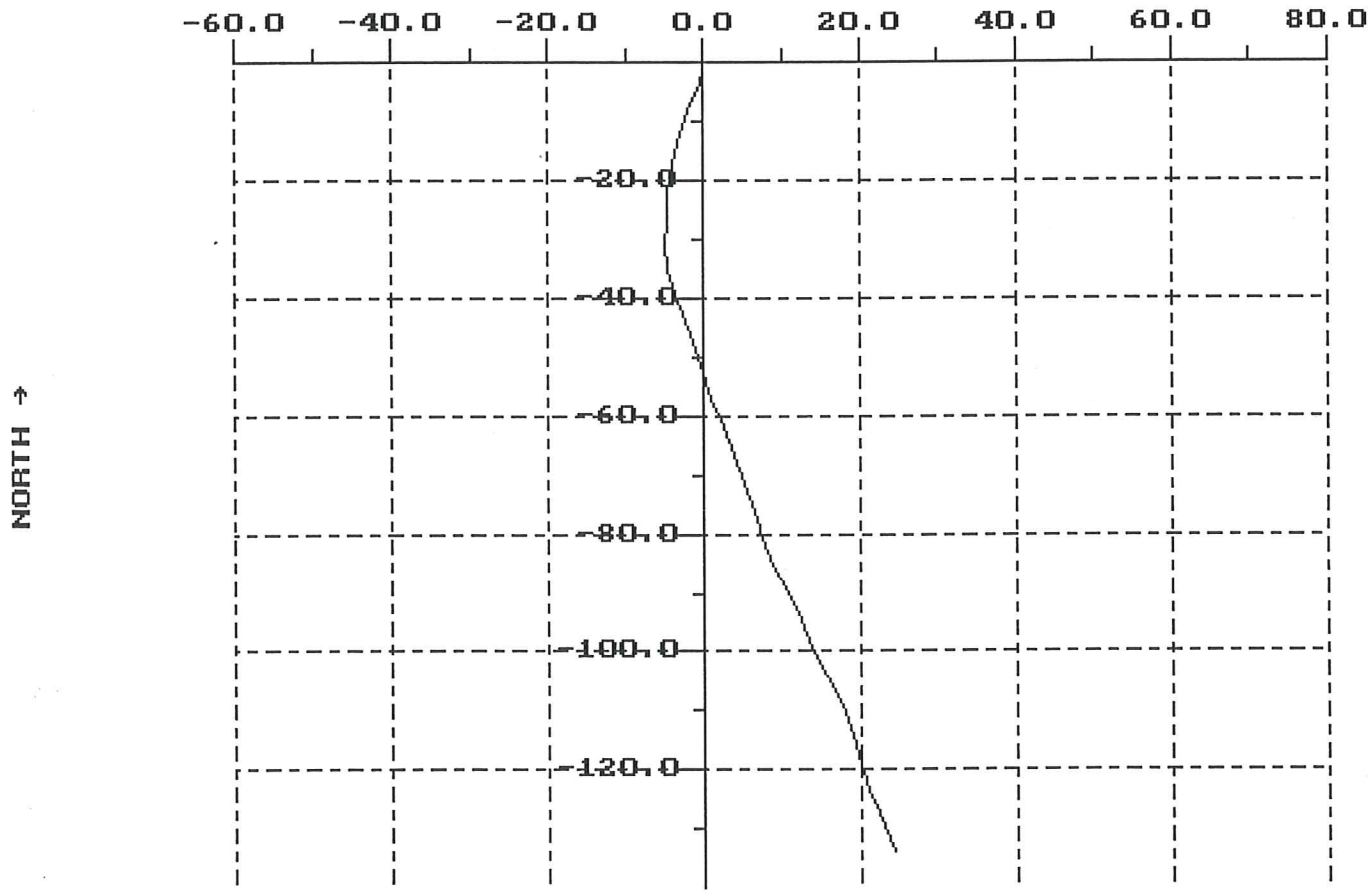
Customer: NEWMONT

Starting from 0.0 E/W 0.0 N/S

Bottom closure direction: 169.7

Time: 06:16:32

Date: 6- 5-99



E/W Data Max: 24.3

E/W Data Min: -4.9

(scale in feet)

N/S Data Max: 0.0

N/S Data Min: -134.1

VERTICAL PROJECTION

Survey File: RS460

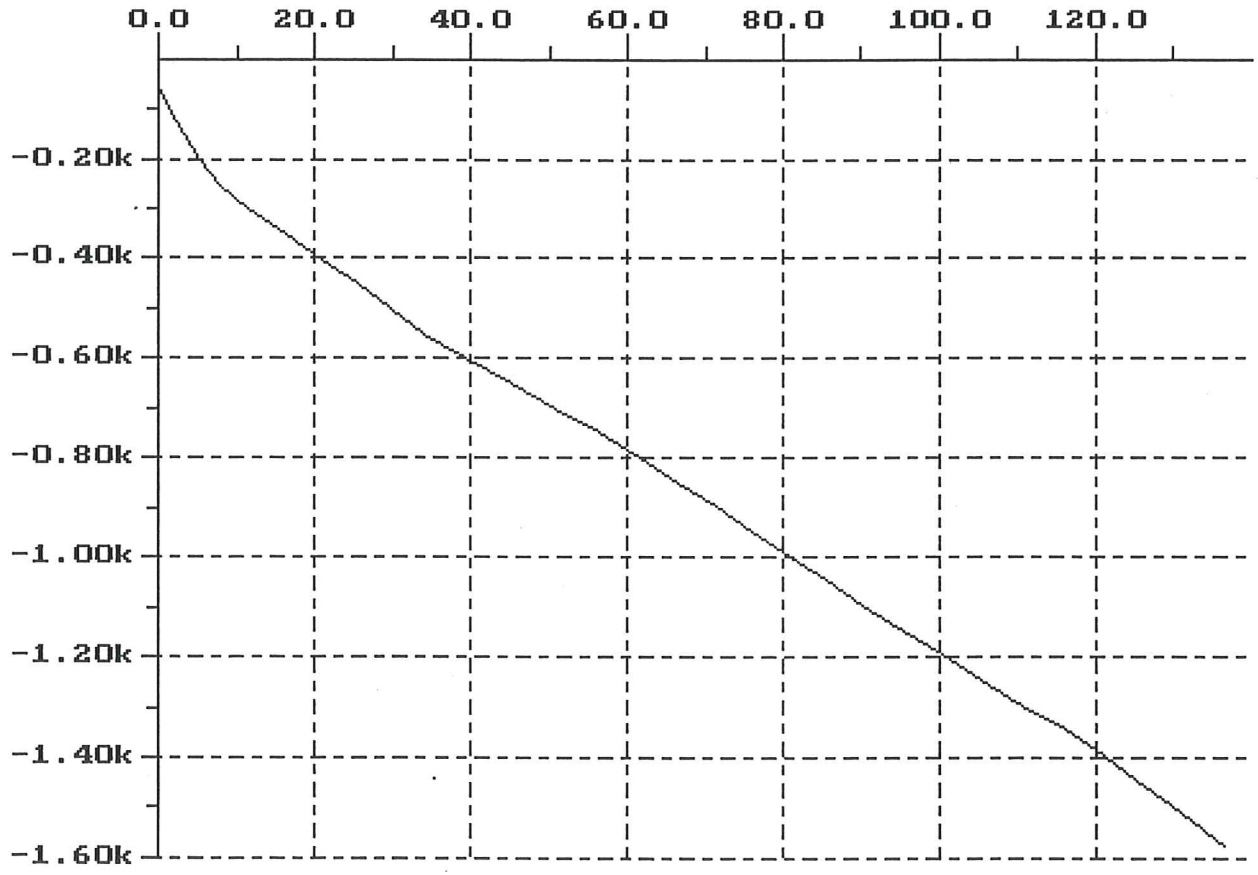
Customer: NEWMONT

Section direction: 169.7

Starting from 0.0 E/W 0.0 N/S

Time: 06:16:32

Date: 6- 5-99



Horiz Data Max: 136.3

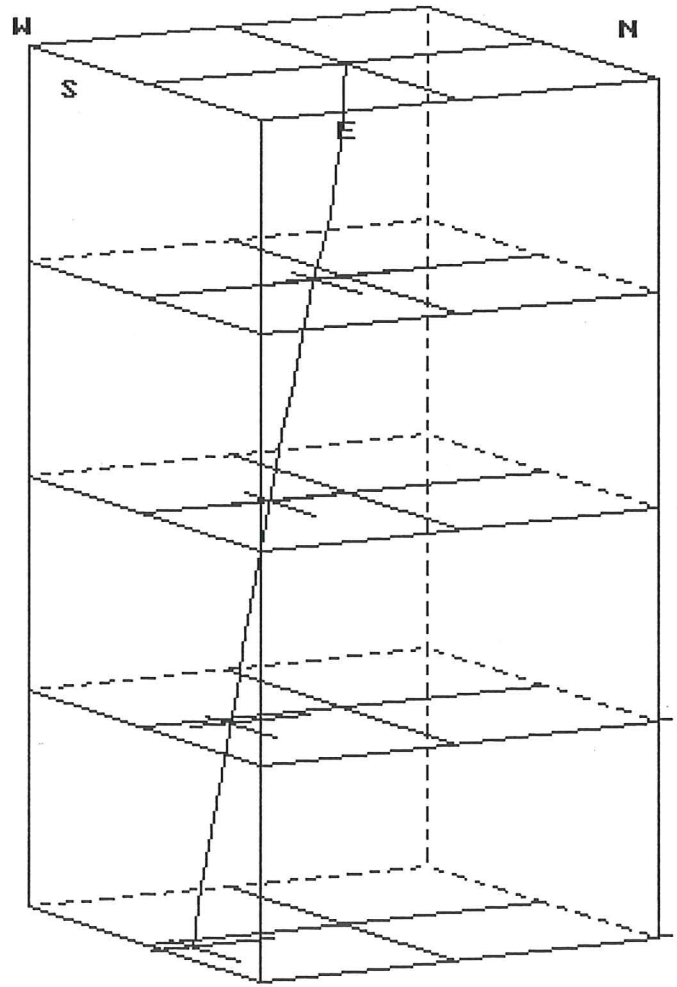
Horiz Data Min: 0.0

(scale in feet)

Vert Data Max: 0.0

Vert Data Min: -1573.3

3D PROJECTION



Survey File: RS460
Customer: NEWMONT
Date: 6- 5-99
Time: 06:16:32

BARRINGER LABORATORIES INC.

15000 W. 6TH AVE., SUITE 300
GOLDEN, COLORADO 80401
PHONE: (303) 277-1687

5301 LONGLEY LANE
BUILDING E, SUITE 178
RENO, NEVADA 89511
PHONE: (775) 828-1158

24-Aug-99

RANDY VANCE
NEWMONT MINING CORP.
861 WEST 6th STREET
WINNEMUCCA NV 89445

Attn: Randy Vance
Project: RS-460c
PO #:

Received: 30-Jul-99 21:04

Job: 993059R

Status: Final

Drill Core

Sample Id	Au FA oz/ton	Ag FA oz/ton
RS-460c 1733-1738	<0.005	<0.10
RS-460c 1738-1790	<0.005	<0.10
RS-460c 1790-1795	<0.005	<0.10
RS-460c 1795-1800.1	<0.005	<0.10
RS-460c 1800.1-1805.1	<0.005	<0.10
RS-460c 1805.1-1810.2	0.007	0.14
RS-460c 1810.2-1815.2	<0.005	<0.10
RS-460c 1815.2-1820.2	<0.005	<0.10
RS-460c 1820.2-1825.2	<0.005	<0.10
RS-460c 1825.2-1828.7A	<0.005	<0.10
RS-460c 1825.2-1828.7B	0.030	<0.10
RS-460c 1828.7-1831	<0.005	<0.10
RS-460c 1831-1846.7	<0.005	<0.10
RS-460c 1846.7-1900	<0.005	<0.10
RS-460c 1900-1905	<0.005	<0.10
RS-460c 1905-1908	<0.005	<0.10
RS-460c 1908-1911	<0.005	<0.10
RS-460c 1911-1915	<0.005	<0.10
RS-460c 1915-1920	<0.005	<0.10
RS-460c 1920-1925	<0.005	<0.10

BARRINGER LABORATORIES INC.

15000 W. 6TH AVE., SUITE 300
GOLDEN, COLORADO 80401
PHONE: (303) 277-1687

5301 LONGLEY LANE
BUILDING E, SUITE 178
RENO, NEVADA 89511
PHONE: (775) 828-1158

24-Aug-99

RANDY VANCE
NEWMONT MINING CORP.
861 WEST 6th STREET
WINNEMUCCA NV 89445

Attn: Randy Vance
Project: RS-460c
PO #:

Received: 30-Jul-99 21:04

Job: 993059R

Status: Final

Drill Core

Sample Id	Au FA oz/ton	Ag FA oz/ton
RS-460c 1925-1930.1	<0.005	<0.10
RS-460c 1930.1-1935.2	<0.005	<0.10
RS-460c 1935.2-1940.3	<0.005	<0.10
RS-460c 1940.3-1945.3	<0.005	<0.10
RS-460c 1945.3-1950.4	<0.005	0.15
RS-460c 1950.4-1955.2	<0.005	<0.10
RS-460c 1955.2-1957	<0.005	<0.10
RS-460c 1957-1958.6	<0.005	<0.10
RS-460c 1958.6-1963.6	<0.005	<0.10

BARRINGER LABORATORIES INC.

15000 W. 6TH AVE., SUITE 300
GOLDEN, COLORADO 80401
PHONE: (303) 277-1687

5301 LONGLEY LANE
BUILDING E, SUITE 178
RENO, NEVADA 89511
PHONE: (775) 828-1158

24-Aug-99

RANDY VANCE
NEWMONT MINING CORP.
861 WEST 6th STREET
WINNEMUCCA NV 89445

Attn: Randy Vance
Project: RS-460c

Received: 30-Jul-99 21:04

PO #:

Job: 993059R

Status: Final

Drill Core

Sample Id	Ag ICP ppm	Al ICP %	As ICP ppm	B ICP ppm	Ba ICP ppm	Bi ICP ppm	Ca ICP %	Cd ICP ppm	Co ICP ppm	Cr ICP ppm
RS-460c 1785-1805.1	0.4	2.06	<2	10	36	3	0.04	<0.5	<1	13
RS-460c 1805.1-1825.2	1.6	4.54	<2	25	114	21	0.13	<0.5	<1	50
RS-460c 1825.2-1831	0.9	2.29	<2	19	99	18	0.12	<0.5	<1	26
RS-460c 1846.1-1846.7	0.5	0.97	<2	17	142	13	0.26	<0.5	<1	126
RS-460c 1895-1915	0.9	4.25	<2	23	98	16	0.09	<0.5	<1	26
RS-460c 1915-1935.2	0.7	4.54	<2	23	157	21	0.13	<0.5	<1	20
RS-460c 1935.2-1955.2	0.6	4.63	<2	19	171	12	0.12	<0.5	<1	15
RS-460c 1955.2-1963.6	3.4	3.90	<2	18	72	10	0.15	<0.5	<1	53

Sample Id	Cu ICP ppm	Fe ICP %	Hg HYG ppm	K ICP %	La ICP ppm	Mg ICP %	Mn ICP ppm	Mo ICP ppm	Na ICP %	Ni ICP ppm
RS-460c 1785-1805.1	1	0.86	0.058	0.29	<2	<0.01	159	<1	7.74	1
RS-460c 1805.1-1825.2	3	1.98	0.215	0.68	<2	<0.01	153	2	5.12	2
RS-460c 1825.2-1831	3	1.55	0.070	0.69	<2	<0.01	1023	1	5.24	2
RS-460c 1846.1-1846.7	5	1.49	0.029	0.77	<2	0.01	992	7	4.75	4
RS-460c 1895-1915	2	2.06	0.067	0.79	<2	<0.01	452	2	5.22	2
RS-460c 1915-1935.2	3	1.90	0.070	0.74	<2	<0.01	476	<1	4.70	2
RS-460c 1935.2-1955.2	3	1.57	0.070	0.74	>2	<0.01	422	<1	4.83	1
RS-460c 1955.2-1963.6	5	1.49	0.105	0.66	2	<0.01	218	2	4.25	2

BARRINGER LABORATORIES INC.

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PHONE: (775) 828-1158

24-Aug-99

RANDY VANCE
NEWMONT MINING CORP.
861 WEST 6th STREET
WINNEMUCCA NV 89445

Attn: Randy Vance
Project: RS-460c

Received: 30-Jul-99 21:04
PO #:

Job: 993059R

Status: Final

Drill Core

Sample Id	P ICP ppm	Pb ICP ppm	Sb ICP ppm	Se ICP ppm	Sr ICP ppm	Ti ICP %	Tl ICP ppm	V ICP ppm	W ICP ppm	Zn ICP ppm
RS-460c 1785-1805.1	55	6	6	<2	14	0.03	<0.5	2	<1	25
RS-460c 1805.1-1825.2	162	15	10	<2	38	0.05	<0.5	3	<1	66
RS-460c 1825.2-1831	95	14	5	<2	65	0.06	<0.5	5	<1	63
RS-460c 1846.1-1846.7	196	16	3	<2	179	0.07	<0.5	6	<1	42
RS-460c 1895-1915	131	16	6	<2	37	0.04	<0.5	<2	<1	63
RS-460c 1915-1935.2	119	14	5	<2	60	0.06	<0.5	<2	<1	70
RS-460c 1935.2-1955.2	220	13	5	<2	50	0.07	<0.5	<2	<1	60
RS-460c 1955.2-1963.6	142	12	9	<2	56	0.05	<0.5	3	<1	62

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861 WEST 6th STREET
WINNEMUCCA NV 89445

Attn: Randy Vance
Received: 30-Jul-99 21:04
Project: RS-460c
PO #:

Job: 993059R
Status: Final

Abbreviations:

Parameters:

Au	: Gold
Ag	: Silver
Al	: Aluminum
As	: Arsenic
B	: Boron
Ba	: Barium
Bi	: Bismuth
Ca	: Calcium
Cd	: Cadmium
Co	: Cobalt
Cr	: Chromium
Cu	: Copper
Fe	: Iron
Hg	: Mercury
K	: Potassium
La	: Lanthanum
Mg	: Magnesium
Mn	: Manganese
Mo	: Molybdenum
Na	: Sodium
Ni	: Nickel
P	: Phosporus
Pb	: Lead

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861 WEST 6th STREET
WINNEMUCCA NV 89445

Attn: Randy Vance
Project: RS-460c

Received: 30-Jul-99 21:04
PO #:

Job: 993059R

Status: Final

Sb	: Antimony
Se	: Selenium
Sr	: Strontium
Ti	: Titanium
Tl	: Thallium
V	: Vanadium
W	: Tungsten
Zn	: Zinc

Methods:

FA	: Fire Assay/Gravimetric Finish
ICP	: Inductively Coupled Plasma
HYG	: Hydride Generation

Units:

oz/ton	: ounces per ton
ppm	: Parts per million
%	: percent

Quality codes:

<	: Less than
>	: Greater Than

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24-Aug-99

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NEWMONT MINING CORP.
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WINNEMUCCA NV 89445

Attn: Randy Vance
Project: RS-460c

Received: 30-Jul-99 21:04
PO #:

Job: 993059R

Status: Final

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 geologic 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.

Job approved by:

Signed: .....

Chuck Whipple
Richard Grondin

BARRINGER LABORATORIES INC.

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PHONE: (775) 828-1158

INVOICE

CHARLOTTE BALLEW
NEWMONT GOLD CO.
861 W. 6TH STREET
WINNEMUCCA NV 89445

Date : **23-Aug-99**

Job : **993059R**

Invoice: **40566R**

Authority: Randy Vance
Project: RS-460c

PO #:
Terms:

	Preparation Charges:		
28	Dcore 0-10 Lbs	3.50	$ 98.00
	Analyses:		
29	Au, Ag FA	10.00	$ 290.00
8	NGC-30 Element ICP Pkg.	10.93	$ 87.44
	Sub Total:		$ 475.44
1	30% Discount:	-65.25	$ -65.25
	TOTAL DUE:		$ 410.19

COPY

Remit to: Barringer Laboratories, Inc.
Department 0297
Denver, CO 80291-0297

--- Remittance Copy ---

MEETING THE ANALYTICAL CHALLENGES OF A CHANGING WORLD

AUG-25-99 16:35 8281263 P.02
BARRINGER LABS 8281263 08/25 '99 16:35 NO.843 02/05 R-640 Job-291

BARRINGER LABORATORIES INC.

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24-Aug-99

Page: 1
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Set : 1

CHARLOTTE BALLEW
NEWMONT GOLD CO.
861 W. 6TH STREET
WINNEMUCCA NV 89445

Attn: Randy Vance
Project: RS-460c
PO #:
Received: 30-Jul-99 21:04

Job: 993059R
Status: Final

Drill Core

Sample Id	Au FA oz/ton	Ag FA oz/ton	
RS-460c 1733-1738	<0.005	<0.10	
RS-460c 1738-1790	<0.005	<0.10	
RS-460c 1790-1795	<0.005	<0.10	
RS-460c 1795-1800.1	<0.005	<0.10	
RS-460c 1800.1-1805.1	<0.005	<0.10	
RS-460c 1805.1-1810.2	0.007	0.14	~(240 ppb)
RS-460c 1810.2-1815.2	<0.005	<0.10	
RS-460c 1815.2-1820.2	<0.005	<0.10	
RS-460c 1820.2-1825.2	<0.005	<0.10	
RS-460c 1825.2-1828.7A	<0.005	<0.10	
RS-460c 1825.2-1828.7B	0.030	<0.10	
RS-460c 1828.7-1831	<0.005	<0.10	
RS-460c 1831-1846.7	<0.005	<0.10	
RS-460c 1846.7-1900	<0.005	<0.10	
RS-460c 1900-1905	<0.005	<0.10	
RS-460c 1905-1908	<0.005	<0.10	
RS-460c 1908-1911	<0.005	<0.10	
RS-460c 1911-1915	<0.005	<0.10	
RS-460c 1915-1920	<0.005	<0.10	
RS-460c 1920-1925	<0.005	<0.10	

BARRINGER LABORATORIES INC.

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CHARLOTTE BALLEW
NEWMONT GOLD CO.
861 W. 6TH STREET
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24-Aug-99

Page: 2
Copy: 1 of 3
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Attn: Randy Vance
Project: RS-460c

PO #:

Received: 30-Jul-99 21:04

Job: 993059R

Status: Final

Drill Core

Sample Id	Au FA oz/ton	Ag FA oz/ton
RS-460c 1925-1930.1	<0.005	<0.10
RS-460c 1930.1-1935.2	<0.005	<0.10
RS-460c 1935.2-1940.3	<0.005	<0.10
RS-460c 1940.3-1945.3	<0.005	<0.10
RS-460c 1945.3-1950.4	<0.005	0.15
RS-460c 1950.4-1955.2	<0.005	<0.10
RS-460c 1955.2-1957	<0.005	<0.10
RS-460c 1957-1958.6	<0.005	<0.10
RS-460c 1958.6-1963.6	<0.005	<0.10

BARRINGER LABORATORIES INC.

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PHONE: (775) 828-1158

CHARLOTTE BALLEW
NEWMONT GOLD CO.
861 W. 6TH STREET
WINNEMUCCA NV 89445

24-Aug-99

Page: 3
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Attn: Randy Vance
Project: RS-460c
PO #:
Received: 30-Jul-99 21:04

Job: 993059R

Status: Final

Drill Core

Sample Id	Ag ICP ppm	Al ICP %	As ICP ppm	B ICP ppm	Ba ICP ppm	Bi ICP ppm	Ca ICP %	Cd ICP ppm	Co ICP ppm	Cr ICP ppm
RS-460c 1785-1805.1	0.4	2.06	<2	10	36	3	0.04	<0.5	<1	13
RS-460c 1805.1-1825.2	1.6	4.54	<2	25	114	21	0.13	<0.5	<1	50
RS-460c 1825.2-1831	0.9	2.29	<2	19	99	18	0.12	<0.5	<1	26
RS-460c 1846.1-1846.7	0.5	0.97	<2	17	142	13	0.26	<0.5	<1	126
RS-460c 1895-1915	0.9	4.25	<2	23	98	16	0.09	<0.5	<1	26
RS-460c 1915-1935.2	0.7	4.54	<2	23	157	21	0.13	<0.5	<1	20
RS-460c 1935.2-1955.2	0.6	4.63	<2	19	171	12	0.12	<0.5	<1	15
RS-460c 1955.2-1963.6	3.4	3.90	<2	18	72	10	0.15	<0.5	<1	53

Sample Id	Cu ICP ppm	Fe ICP %	Hg HYG ppm	K ICP %	La ICP ppm	Mg ICP %	Mn ICP ppm	Mo ICP ppm	Na ICP %	Ni ICP ppm
RS-460c 1785-1805.1	1	0.86	0.058	0.29	<2	<0.01	159	<1	7.74	1
RS-460c 1805.1-1825.2	3	1.98	0.215	0.68	<2	<0.01	153	2	5.12	2
RS-460c 1825.2-1831	3	1.55	0.070	0.69	<2	<0.01	1023	1	5.24	2
RS-460c 1846.1-1846.7	5	1.49	0.029	0.77	<2	0.01	992	7	4.75	4
RS-460c 1895-1915	2	2.06	0.067	0.79	<2	<0.01	452	2	5.22	2
RS-460c 1915-1935.2	3	1.90	0.070	0.74	<2	<0.01	476	<1	4.70	2
RS-460c 1935.2-1955.2	3	1.57	0.070	0.74	>2	<0.01	422	<1	4.83	1
RS-460c 1955.2-1963.6	5	1.49	0.105	0.66	2	<0.01	218	2	4.25	2

BARRINGER LABORATORIES INC.

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CHARLOTTE BALLEW
NEWMONT GOLD CO.
861 W. 6TH STREET
WINNEMUCCA NV 89445

24-Aug-99

Page: 4
Copy: 1 of 3
Set : 2

Attn: Randy Vance
Project: RS-460c
PO #:
Received: 30-Jul-99 21:04

Job: 993059R

Status: Final

Drill Core

Sample Id	P ICP ppm	Pb ICP ppm	Sb ICP ppm	Se ICP ppm	Sr ICP ppm	Ti ICP %	Tl ICP ppm	V ICP ppm	W ICP ppm	Zn ICP ppm
RS-460c 1785-1805.1	55	6	6	<2	14	0.03	<0.5	2	<1	25
RS-460c 1805.1-1825.2	162	15	10	<2	38	0.05	<0.5	3	<1	66
RS-460c 1825.2-1831	95	14	5	<2	65	0.06	<0.5	5	<1	63
RS-460c 1846.1-1846.7	196	16	3	<2	179	0.07	<0.5	6	<1	42
RS-460c 1895-1915	131	16	6	<2	37	0.04	<0.5	<2	<1	63
RS-460c 1915-1935.2	119	14	5	<2	60	0.06	<0.5	<2	<1	70
RS-460c 1935.2-1955.2	220	13	5	<2	50	0.07	<0.5	<2	<1	60
RS-460c 1955.2-1963.6	142	12	9	<2	56	0.05	<0.5	3	<1	62

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TO: Randy

FROM: Joe.

DATE: 8-25

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Finals for 993059.

xAMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP053777

American Assay Laboratories

PO BOX 11530
RENO NV,USA
Ph.(775) 356-0606, Fax.(775) 356-1413

NEWMONT GOLD COMPANY

COPIES TO : C. BALLEW

: R. VANCE

:

:

CLIENT REFERENCE No: RS-460 RECEIVED : 15 JUN 1999

No. SAMPLES : 344 REPORTED : 6 JUL 1999

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 : Leonard E. Mackedon B.S.

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP053777

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-460

REPORTED : 6 JUL 1999

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-460 000-005	73		0.002		<0.5	<0.02
RS-460 005-010	83		0.002		<0.5	<0.02
RS-460 010-015	56		0.002		<0.5	<0.02
RS-460 015-020	83		0.002		<0.5	<0.02
RS-460 020-025	58		0.002		<0.5	<0.02
RS-460 025-030	75		0.002		<0.5	<0.02
RS-460 030-035	57		0.002		<0.5	<0.02
RS-460 035-040	77		0.002		<0.5	<0.02
RS-460 040-045	32		<0.001		<0.5	<0.02
RS-460 045-050	31		<0.001		<0.5	<0.02
RS-460 050-055	17	18	<0.001	<0.001	<0.5	<0.02
RS-460 055-060	<5		<0.001		<0.5	<0.02
RS-460 060-065	<5		<0.001		<0.5	<0.02
RS-460 065-070	10		<0.001		<0.5	<0.02
RS-460 070-075	35		0.001		<0.5	<0.02
RS-460 075-080	29		<0.001		<0.5	<0.02
RS-460 080-085	68		0.002		0.6	<0.02
RS-460 085-090	28		<0.001		<0.5	<0.02
RS-460 090-095	26		<0.001		<0.5	<0.02
RS-460 095-100	<5		<0.001		<0.5	<0.02
RS-460 100-105	<5		<0.001		<0.5	<0.02
RS-460 105-110	<5		<0.001		<0.5	<0.02
RS-460 110-115	<5		<0.001		<0.5	<0.02
RS-460 115-120	17		<0.001		<0.5	<0.02
RS-460 120-125	18		<0.001		<0.5	<0.02

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP053777

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-460

REPORTED : 6 JUL 1999

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-460 125-130	18		<0.001		<0.5	<0.02
RS-460 130-135	25		<0.001		<0.5	<0.02
RS-460 135-140	43		0.001		1.6	0.05
RS-460 140-145	35		0.001		<0.5	<0.02
RS-460 145-150	20		<0.001		<0.5	<0.02
RS-460 150-155	14		<0.001		<0.5	<0.02
RS-460 155-160	38		0.001		<0.5	<0.02
RS-460 160-165	84		0.002		1.9	0.06
RS-460 165-170	88		0.003		0.8	0.02
RS-460 170-175	26		<0.001		<0.5	<0.02
RS-460 175-180	<5		<0.001		<0.5	<0.02
RS-460 180-185	53	58	0.002	0.002	0.5	<0.02
RS-460 185-190	10		<0.001		2.5	0.07
RS-460 190-195	32		<0.001		<0.5	<0.02
RS-460 195-200	40		0.001		<0.5	<0.02
RS-460 200-205	<5		<0.001		<0.5	<0.02
RS-460 205-210	12		<0.001		<0.5	<0.02
RS-460 210-215	<5		<0.001		<0.5	<0.02
RS-460 215-220	62		0.002		<0.5	<0.02
RS-460 220-225	76		0.002		2.0	0.06
RS-460 225-230	106	112	0.003	0.003	0.6	<0.02
RS-460 230-235	70		0.002		1.6	0.05
RS-460 235-240	102		0.003		39.2	1.14
RS-460 240-245	66		0.002		1.4	0.04
RS-460 245-250	124		0.004		2.4	0.07

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP053777

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-460

REPORTED : 6 JUL 1999

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-460 250-255	116		0.003		0.7	0.02
RS-460 255-260	116		0.003		3.1	0.09
RS-460 260-265	94		0.003		1.2	0.04
RS-460 265-270	48		0.001		0.7	0.02
RS-460 270-275	<5		<0.001		<0.5	<0.02
RS-460 275-280	40		0.001		<0.5	<0.02
RS-460 280-285	<5		<0.001		<0.5	<0.02
RS-460 285-290	<5		<0.001		<0.5	<0.02
RS-460 290-295	<5		<0.001		<0.5	<0.02
RS-460 295-300	42	50	0.001	0.001	0.6	<0.02
RS-460 300-305	66	64	0.002	0.002	1.0	0.03
RS-460 305-310	<5		<0.001		0.7	0.02
RS-460 310-315	<5		<0.001		0.6	<0.02
RS-460 315-320	<5		<0.001		<0.5	<0.02
RS-460 320-325	18		<0.001		<0.5	<0.02
RS-460 325-330	<5		<0.001		<0.5	<0.02
RS-460 330-335	<5		<0.001		<0.5	<0.02
RS-460 335-340	<5		<0.001		<0.5	<0.02
RS-460 340-345	66		0.002		0.7	0.02
RS-460 345-350	120		0.004		2.3	0.07
RS-460 350-355	72		0.002		0.7	0.02
RS-460 355-360	92		0.003		1.3	0.04
RS-460 360-365	28		<0.001		0.7	0.02
RS-460 365-370	40		0.001		0.7	0.02
RS-460 370-375	72		0.002		0.8	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-460 375-380	96		0.003		1.9	0.06
RS-460 380-385	84	82	0.002	0.002	1.4	0.04
RS-460 385-390	66	72	0.002	0.002	1.0	0.03
RS-460 390-395	82		0.002		1.3	0.04
RS-460 395-400	154	156	0.004	0.005	2.3	0.07
RS-460 400-405	90		0.003		1.0	0.03
RS-460 405-410	26		<0.001		<0.5	<0.02
RS-460 410-415	16		<0.001		<0.5	<0.02
RS-460 415-420	<5		<0.001		<0.5	<0.02
RS-460 420-425	<5		<0.001		<0.5	<0.02
RS-460 425-430	<5		<0.001		<0.5	<0.02
RS-460 430-435	<5		<0.001		<0.5	<0.02
RS-460 435-440	108		0.003		38.9	1.13
RS-460 440-445	44		0.001		1.3	0.04
RS-460 445-450	56		0.002		16.1	0.47
RS-460 445-450B	1110	1052	0.032	0.031	0.7	0.02
RS-460 450-455	118		0.003		64.0	1.87
RS-460 455-460	68		0.002		1.6	0.05
RS-460 460-465	12		<0.001		<0.5	<0.02
RS-460 465-470	5		<0.001		3.5	0.10
RS-460 470-475	78		0.002		1.3	0.04
RS-460 475-480	<5		<0.001		<0.5	<0.02
RS-460 480-485	<5		<0.001		<0.5	<0.02
RS-460 485-490	<5		<0.001		0.6	<0.02
RS-460 490-495	30		<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-460 495-500	102		0.003		2.2	0.06
RS-460 500-505	64		0.002		0.7	0.02
RS-460 505-510	50		0.001		1.6	0.05
RS-460 510-515	104		0.003		0.8	0.02
RS-460 515-520	66		0.002		0.9	0.03
RS-460 520-525	72		0.002		<0.5	<0.02
RS-460 525-530	48		0.001		<0.5	<0.02
RS-460 530-535	12		<0.001		<0.5	<0.02
RS-460 535-540	56		0.002		<0.5	<0.02
RS-460 540-545	110		0.003		3.3	0.10
RS-460 545-550	134		0.004		3.9	0.11
RS-460 550-555	34		<0.001		0.5	<0.02
RS-460 555-560	94		0.003		3.6	0.11
RS-460 560-565	116		0.003		12.6	0.37
RS-460 565-570	114		0.003		23.2	0.68
RS-460 570-575	<5		<0.001		19.6	0.57
RS-460 575-580	<5		<0.001		0.7	0.02
RS-460 580-585	50		0.001		0.5	<0.02
RS-460 585-590	30		<0.001		1.0	0.03
RS-460 590-595	42		0.001		<0.5	<0.02
RS-460 595-600	64		0.002		0.8	0.02
RS-460 600-605	34		<0.001		<0.5	<0.02
RS-460 605-610	62	64	0.002	0.002	1.3	0.04
RS-460 610-615	218		0.006		1.6	0.05
RS-460 615-620	86		0.003		1.0	0.03

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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-460 620-625	40		0.001		0.5	<0.02
RS-460 625-630	<5		<0.001		<0.5	<0.02
RS-460 630-635	<5		<0.001		<0.5	<0.02
RS-460 635-640	<5		<0.001		<0.5	<0.02
RS-460 640-645	<5		<0.001		<0.5	<0.02
RS-460 645-650	14		<0.001		<0.5	<0.02
RS-460 650-655	<5		<0.001		<0.5	<0.02
RS-460 655-660	<5		<0.001		<0.5	<0.02
RS-460 660-665	<5		<0.001		<0.5	<0.02
RS-460 665-670	<5		<0.001		0.5	<0.02
RS-460 670-675	193	178	0.006	0.005	3.2	0.09
RS-460 675-680	120		0.004		2.0	0.06
RS-460 680-685	116		0.003		2.3	0.07
RS-460 685-690	<5		<0.001		<0.5	<0.02
RS-460 690-695	<5		<0.001		<0.5	<0.02
RS-460 695-700	8		<0.001		<0.5	<0.02
RS-460 700-705						
RS-460 705-710						
RS-460 710-715						
RS-460 715-720						
RS-460 720-725	<5		<0.001		<0.5	<0.02
RS-460 725-730						
RS-460 730-735						
RS-460 735-740						
RS-460 740-745						

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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-460 745-750	<5		<0.001		<0.5	<0.02
RS-460 750-755						
RS-460 755-760						
RS-460 760-765						
RS-460 765-770						
RS-460 770-775	<5		<0.001		<0.5	<0.02
RS-460 775-780						
RS-460 780-785						
RS-460 785-790						
RS-460 790-795						
RS-460 795-800	<5		<0.001		<0.5	<0.02
RS-460 800-805						
RS-460 805-810						
RS-460 810-815						
RS-460 815-820						
RS-460 820-825	<5		<0.001		<0.5	<0.02
RS-460 825-830						
RS-460 830-835						
RS-460 835-840						
RS-460 840-845						
RS-460 845-850	<5		<0.001		<0.5	<0.02
RS-460 850-855						
RS-460 855-860						
RS-460 860-865						
RS-460 865-870						

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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-460 870-875	<5		<0.001		<0.5	<0.02
RS-460 875-880						
RS-460 880-885						
RS-460 885-890						
RS-460 890-895						
RS-460 895-900	<5		<0.001		<0.5	<0.02
RS-460 900-905						
RS-460 905-910						
RS-460 910-915						
RS-460 915-920						
RS-460 920-925	<5		<0.001		<0.5	<0.02
RS-460 925-930						
RS-460 930-935						
RS-460 935-940						
RS-460 940-945						
RS-460 945-950	<5		<0.001		<0.5	<0.02
RS-460 950-955						
RS-460 955-960						
RS-460 960-965						
RS-460 965-970						
RS-460 970-975	<5		<0.001		<0.5	<0.02
RS-460 975-980						
RS-460 980-985						
RS-460 985-990						
RS-460 990-995						

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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-460 995-1000	<5		<0.001		<0.5	<0.02
RS-460 1000-1005						
RS-460 1005-1010						
RS-460 1010-1015						
RS-460 1015-1020						
RS-460 1020-1025	<5		<0.001		<0.5	<0.02
RS-460 1025-1030	<5		<0.001		<0.5	<0.02
RS-460 1030-1035	<5		<0.001		<0.5	<0.02
RS-460 1035-1040	<5		<0.001		<0.5	<0.02
RS-460 1040-1045	<5		<0.001		<0.5	<0.02
RS-460 1045-1050	52	51	0.002	0.001	<0.5	<0.02
RS-460 1050-1055	26		<0.001		<0.5	<0.02
RS-460 1055-1060	<5		<0.001		<0.5	<0.02
RS-460 1060-1065	14		<0.001		<0.5	<0.02
RS-460 1065-1070	24		<0.001		<0.5	<0.02
RS-460 1070-1075	20		<0.001		<0.5	<0.02
RS-460 1075-1080	<5		<0.001		<0.5	<0.02
RS-460 1080-1085	18		<0.001		<0.5	<0.02
RS-460 1085-1090	18		<0.001		0.6	<0.02
RS-460 1090-1095	20		<0.001		0.6	<0.02
RS-460 1095-1100	<5		<0.001		<0.5	<0.02
RS-460 1100-1105	<5		<0.001		<0.5	<0.02
RS-460 1105-1110	<5		<0.001		<0.5	<0.02
RS-460 1110-1115	<5		<0.001		<0.5	<0.02
RS-460 1115-1120	<5	<5	<0.001	<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-460 1120-1125	<5		<0.001		<0.5	<0.02
RS-460 1125-1130	<5		<0.001		<0.5	<0.02
RS-460 1130-1135	<5		<0.001		<0.5	<0.02
RS-460 1135-1140	<5		<0.001		<0.5	<0.02
RS-460 1140-1145	<5		<0.001		<0.5	<0.02
RS-460 1145-1150	126		0.004		0.6	<0.02
RS-460 1150-1155	16		<0.001		3.5	0.10
RS-460 1155-1160	<5		<0.001		<0.5	<0.02
RS-460 1160-1165	<5		<0.001		<0.5	<0.02
RS-460 1165-1170	<5		<0.001		1.8	0.05
RS-460 1170-1175	64		0.002		<0.5	<0.02
RS-460 1175-1180	<5		<0.001		<0.5	<0.02
RS-460 1180-1185	189		0.006		23.0	0.67
RS-460 1185-1190	32		<0.001		1.0	0.03
RS-460 1190-1195	28		<0.001		<0.5	<0.02
RS-460 1195-1200	36		0.001		<0.5	<0.02
RS-460 1195-1200B	148	136	0.004	0.004	<0.5	<0.02
RS-460 1200-1205	60		0.002		<0.5	<0.02
RS-460 1205-1210	160		0.005		2.4	0.07
RS-460 1210-1215	62		0.002		<0.5	<0.02
RS-460 1215-1220	34		<0.001		<0.5	<0.02
RS-460 1220-1225	10		<0.001		<0.5	<0.02
RS-460 1225-1230	24		<0.001		<0.5	<0.02
RS-460 1230-1235	38		0.001		<0.5	<0.02
RS-460 1235-1240	46		0.001		0.6	<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-460 1240-1245	56		0.002		1.3	0.04
RS-460 1245-1250	158		0.005		5.9	0.17
RS-460 1250-1255	184		0.005		12.3	0.36
RS-460 1255-1260	238		0.007		3.7	0.11
RS-460 1260-1265	158		0.005		1.9	0.06
RS-460 1265-1270	142	140	0.004	0.004	2.6	0.08
RS-460 1270-1275	62		0.002		0.8	0.02
RS-460 1275-1280	88		0.003		1.2	0.04
RS-460 1280-1285	136		0.004		0.8	0.02
RS-460 1285-1290	54		0.002		0.5	<0.02
RS-460 1290-1295	12		<0.001		<0.5	<0.02
RS-460 1295-1300	12		<0.001		<0.5	<0.02
RS-460 1300-1305	<5		<0.001		<0.5	<0.02
RS-460 1305-1310	66		0.002		1.8	0.05
RS-460 1310-1315	202		0.006		4.0	0.12
RS-460 1315-1320	266	276	0.008	0.008	2.0	0.06
RS-460 1320-1325	162		0.005		2.0	0.06
RS-460 1325-1330	170		0.005		1.6	0.05
RS-460 1330-1335	138		0.004		1.2	0.04
RS-460 1335-1340	24		<0.001		<0.5	<0.02
RS-460 1340-1345	16		<0.001		<0.5	<0.02
RS-460 1345-1350	38		0.001		<0.5	<0.02
RS-460 1350-1355	<5		<0.001		<0.5	<0.02
RS-460 1355-1360	7		<0.001		<0.5	<0.02
RS-460 1360-1365	6		<0.001		2.2	0.06

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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-460 1365-1370	19		<0.001		<0.5	<0.02
RS-460 1370-1375	<5		<0.001		<0.5	<0.02
RS-460 1375-1380	<5		<0.001		<0.5	<0.02
RS-460 1380-1385	<5		<0.001		<0.5	<0.02
RS-460 1385-1390	21		<0.001		<0.5	<0.02
RS-460 1390-1395	<5		<0.001		<0.5	<0.02
RS-460 1395-1400	<5		<0.001		<0.5	<0.02
RS-460 1400-1405	<5		<0.001		<0.5	<0.02
RS-460 1405-1410	<5		<0.001		0.6	<0.02
RS-460 1410-1415	9		<0.001		<0.5	<0.02
RS-460 1415-1420	6		<0.001		<0.5	<0.02
RS-460 1420-1425	<5		<0.001		<0.5	<0.02
RS-460 1425-1430	10		<0.001		<0.5	<0.02
RS-460 1430-1435	10		<0.001		<0.5	<0.02
RS-460 1435-1440	<5		<0.001		<0.5	<0.02
RS-460 1440-1445	<5		<0.001		<0.5	<0.02
RS-460 1445-1450	<5		<0.001		<0.5	<0.02
RS-460 1450-1455	<5		<0.001		<0.5	<0.02
RS-460 1455-1460	<5		<0.001		<0.5	<0.02
RS-460 1460-1465	<5		<0.001		<0.5	<0.02
RS-460 1465-1470	<5		<0.001		<0.5	<0.02
RS-460 1470-1475	<5		<0.001		<0.5	<0.02
RS-460 1475-1480	<5		<0.001		<0.5	<0.02
RS-460 1480-1485	10		<0.001		<0.5	<0.02
RS-460 1485-1490	<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-460 1490-1495	<5		<0.001		<0.5	<0.02
RS-460 1495-1500	<5		<0.001		<0.5	<0.02
RS-460 1500-1505	<5		<0.001		<0.5	<0.02
RS-460 1505-1510	10		<0.001		<0.5	<0.02
RS-460 1510-1515	<5		<0.001		<0.5	<0.02
RS-460 1515-1520	<5		<0.001		<0.5	<0.02
RS-460 1520-1525	<5		<0.001		<0.5	<0.02
RS-460 1525-1530	11		<0.001		<0.5	<0.02
RS-460 1530-1535	<5		<0.001		<0.5	<0.02
RS-460 1535-1540	<5		<0.001		<0.5	<0.02
RS-460 1540-1545	<5		<0.001		<0.5	<0.02
RS-460 1545-1550	<5		<0.001		<0.5	<0.02
RS-460 1550-1555	<5		<0.001		<0.5	<0.02
RS-460 1555-1560	<5		<0.001		<0.5	<0.02
RS-460 1560-1565	<5		<0.001		<0.5	<0.02
RS-460 1565-1570	<5		<0.001		<0.5	<0.02
RS-460 1570-1575	10		<0.001		<0.5	<0.02
RS-460 1575-1580	<5		<0.001		<0.5	<0.02
RS-460 1580-1585	<5		<0.001		<0.5	<0.02
RS-460 1585-1590	13		<0.001		<0.5	<0.02
RS-460 1590-1595	<5		<0.001		<0.5	<0.02
RS-460 1595-1600	5		<0.001		<0.5	<0.02
RS-460 1600-1605	<5		<0.001		<0.5	<0.02
RS-460 1605-1610	<5		<0.001		<0.5	<0.02
RS-460 1610-1615	<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-460 1615-1620	<5		<0.001		<0.5	<0.02
RS-460 1620-1625	<5		<0.001		<0.5	<0.02
RS-460 1625-1630	<5		<0.001		<0.5	<0.02
RS-460 1630-1635	<5		<0.001		<0.5	<0.02
RS-460 1635-1640	<5		<0.001		<0.5	<0.02
RS-460 1640-1645	<5		<0.001		<0.5	<0.02
RS-460 1645-1650	<5		<0.001		<0.5	<0.02
RS-460 1645-1650B	2814		0.082		0.5	<0.02
RS-460 1650-1655	<5		<0.001		<0.5	<0.02
RS-460 1655-1660	<5		<0.001		<0.5	<0.02
RS-460 1660-1665	32		<0.001		0.6	<0.02
RS-460 1665-1670	<5		<0.001		<0.5	<0.02
RS-460 1670-1675	<5		<0.001		<0.5	<0.02
RS-460 1675-1680	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-460 1680-1685	<5		<0.001		<0.5	<0.02
RS-460 1685-1690	<5		<0.001		<0.5	<0.02
RS-460 1690-1695	<5		<0.001		<0.5	<0.02
RS-460 1695-1700	50		0.001		<0.5	<0.02
RS-460 1700-1705	<5		<0.001		<0.5	<0.02

AMERICAN ASSAY LABORATORIES

AAL 01-2 ICP PACKAGE DETECTION LIMITS

ELEMENT	Ag	Al	As	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Th	Ti	U	V	W	Zn
SAMPLES	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppb	%	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	0.3	0.01	2	3	1	3	0.01	0.2	1	1	1	0.01	10	0.01	1	0.01	2	1	0.01	1	0.001	3	3	0.1	1	2	0.01	8	1	2	1

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

CLIENT:	*NEWMONT GOLD COMPANY*
CLIENT REF:	ROSEBUD EXPLORATION
AAL REF:	SP053777
METHOD:	AAL 01-2 + Se

AMERICAN ASSAY LABORATORIES
1500 GLENDALE AVE.
SPARKS, NV 89431
PHONE: (775) 356-0606
FAX: (775) 356-1413

ELEMENT SAMPLES	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm
RS-460 000-020	< .3	0.69	9	4	87	< 3	0.08	< .2	1	12	5	2.04	253	0.44	25	0.03	62	3	0.06	6	0.009	25	8	2.2	15	10	< .01	< 8	4	< 2	20
RS-460 020-040	< .3	0.59	4	4	95	< 3	1.19	0.2	1	14	6	1.66	1396	0.34	27	0.03	87	4	0.04	8	0.01	18	5	0.8	47	11	< .01	< 8	11	< 2	21
RS-460 040-060	< .3	0.58	2	< 3	59	< 3	0.06	< .2	1	8	5	1.99	2426	0.49	29	0.01	50	3	0.02	4	0.007	15	< 3	0.4	10	10	< .01	< 8	4	< 2	13
RS-460 060-080	< .3	0.74	13	< 3	85	< 3	0.02	< .2	1	12	4	2.43	219	0.49	28	0.01	64	3	0.02	7	0.008	17	6	2	6	9	< .01	< 8	3	< 2	16
RS-460 080-100	< .3	0.67	11	< 3	58	< 3	0.02	< .2	< 1	11	7	1.98	2896	0.5	29	0.01	62	3	0.02	6	0.006	11	6	2	6	10	< .01	< 8	3	< 2	12
RS-460 100-120	< .3	0.84	9	< 3	39	< 3	0.01	< .2	< 1	11	5	1.31	815	0.44	26	0.01	49	3	0.02	6	0.006	13	4	0.4	5	8	< .01	< 8	2	< 2	10
RS-460 120-140	< .3	0.54	7	< 3	65	< 3	0.01	< .2	1	10	5	2.04	455	0.36	33	0.01	50	3	0.02	5	0.006	18	6	1.7	5	11	< .01	< 8	2	< 2	8
RS-460 140-160	< .3	0.53	9	< 3	36	< 3	0.01	< .2	2	11	5	2.52	328	0.17	35	0.01	64	2	0.01	6	0.007	21	11	2.2	4	13	< .01	< 8	2	< 2	14
RS-460 160-180	0.6	0.56	18	< 3	25	< 3	0.01	< .2	3	15	6	2.65	1137	0.14	34	0.01	89	4	0.01	9	0.006	14	9	3	6	11	< .01	< 8	2	< 2	30
RS-460 180-200	< .3	0.5	14	< 3	23	3	0.03	< .2	3	11	5	2.24	389	0.13	31	0.01	65	3	0.01	5	0.007	13	10	3.8	5	11	< .01	< 8	2	< 2	26
RS-460 200-220	< .3	0.56	11	< 3	31	< 3	0.03	0.4	3	15	5	2.35	332	0.19	31	0.01	83	4	0.02	9	0.009	16	9	3.5	7	10	< .01	< 8	2	< 2	49
RS-460 220-240	14.9	0.51	42	< 3	28	< 3	0.03	0.3	3	19	9	2.36	749	0.19	26	0.01	104	4	0.01	7	0.01	9	18	8.9	13	8	< .01	< 8	2	< 2	48
RS-460 240-260	1.7	0.45	37	< 3	27	< 3	0.02	0.3	3	64	18	4.15	616	0.17	27	0.01	217	7	0.01	57	0.01	10	16	3.5	9	8	< .01	< 8	4	< 2	49
RS-460 260-280	0.3	0.43	22	< 3	22	< 3	0.02	< .2	3	29	9	3.1	358	0.16	31	0.01	120	4	0.02	25	0.01	13	11	3.2	5	10	< .01	< 8	2	< 2	50
RS-460 280-300	< .3	0.49	6	< 3	27	< 3	0.02	< .2	2	16	6	1.69	160	0.19	33	< .01	81	3	0.01	14	0.011	13	5	1.1	11	11	< .01	< 8	2	< 2	32
RS-460 300-320	< .3	0.52	8	< 3	35	< 3	0.02	< .2	2	14	5	1.58	198	0.19	32	0.01	79	3	0.01	12	0.013	12	5	0.8	12	10	0.01	< 8	3	< 2	31
RS-460 320-340	< .3	0.63	3	< 3	62	< 3	0.03	< .2	1	10	4	1.16	98	0.22	32	0.01	70	3	0.02	7	0.022	14	5	0.1	13	11	0.01	< 8	3	< 2	32
RS-460 340-360	1	0.49	25	< 3	43	< 3	0.02	1.1	5	23	8	2.72	429	0.15	25	0.01	99	4	0.01	20	0.015	18	9	3.2	17	9	< .01	< 8	1	< 2	68
RS-460 360-380	0.5	0.45	23	< 3	31	< 3	0.02	0.3	3	24	8	2.68	337	0.16	27	< .01	105	4	0.01	21	0.014	16	15	2.3	11	9	< .01	< 8	2	< 2	62
RS-460 380-400	1.1	0.55	29	< 3	38	< 3	0.02	0.4	3	29	9	2.65	415	0.18	26	0.01	124	3	0.01	25	0.016	13	11	3	16	9	< .01	< 8	2	< 2	65
RS-460 400-420	0.4	0.46	14	< 3	41	< 3	0.03	0.3	2	14	5	2.69	434	0.16	26	< .01	72	2	0.01	9	0.016	20	14	2.4	20	10	< .01	< 8	1	< 2	137
RS-460 420-440	8.2	0.51	13	< 3	38	< 3	0.03	0.4	3	10	6	1.87	283	0.18	26	< .01	46	2	0.01	8	0.018	28	13	3.4	22	9	< .01	< 8	1	< 2	87
RS-460 440-460	24.4	0.51	28	< 3	35	< 3	0.03	0.4	3	15	8	2.33	300	0.18	28	0.01	74	3	0.02	15	0.018	15	18	7.7	22	10	< .01	< 8	2	< 2	104
RS-460 460-480	1.2	0.56	14	< 3	38	< 3	0.03	0.3	2	16	7	1.65	319	0.25	30	0.01	67	3	0.02	13	0.015	14	7	1.4	13	10	< .01	< 8	3	< 2	68
RS-460 480-500	0.6	0.56	16	< 3	60	< 3	0.03	0.3	1	9	5	1.81	202	0.21	28	0.01	57	3	0.02	8	0.018	13	9	1.6	17	10	< .01	< 8	2	< 2	66
RS-460 500-520	0.5	0.47	22	< 3	53	3	0.04	0.2	2	2	4	1.7	216	0.16	29	0.01	51	4	0.01	3	0.02	18	19	9.7	15	10	< .01	< 8	1	< 2	67
RS-460 520-540	0.4	0.52	16	< 3	53	< 3	0.05	0.2	1	4	4	1.77	168	0.18	27	0.01	43	3	0.02	4	0.025	18	12	4.7	52	9	< .01	< 8	2	< 2	69
RS-460 540-560	2.4	0.55	31	< 3	44	< 3	0.07	0.4	3	13	7	2.81	626	0.17	27	0.01	90	2	0.02	11	0.021	15	7	5.7	57	9	< .01	< 8	1	< 2	87
RS-460 560-580	16	0.59	37	< 3	40	< 3	0.05	0.4	2	22	9	2.38	780	0.2	24	0.01	113	3	0.02	18	0.017	14	11	8.9	47	7	< .01	< 8	2	< 2	101
RS-460 580-600	0.5	0.68	19	< 3	42	< 3	0.08	0.3	1	5	5	1.7	125	0.29	28	0.01	84	2	0.02	6	0.017	12	7	3.4	19	9	< .01	< 8	2	< 2	130
RS-460 600-620	0.8	0.67	31	< 3	34	< 3	0.08	0.3	2	8	5	2.64	186	0.21	26	0.01	71	3	0.02	7	0.018	17	6	6.3	45	9	< .01	< 8	2	< 2	103
RS-460 620-640	0.4	1.36	8	3	45	< 3	0.63	0.5	4	4	9	3.62	39	0.52	37	0.11	1378	1	0.03	3	0.107	21	7	0.6	75	6	0.02	< 8	18	< 2	233
RS-460 640-660	0.6	1.77	7	< 3	70	< 3	0.71	1.6	10	1	10	3.56	382	0.48	40	0.22	2937	1	0.03	2	0.139	30	3	0.1	46	4	< .01	< 8	16	< 2	223
RS-460 660-680	1.5	1.3	55	< 3	38	3	0.46	0.8	9	6	12	4.16	419	0.34	32	0.12	1261	3	0.02	7	0.114	27	15	6.3	35	6	< .01	< 8	11	< 2	136
STANDARD C3/DS2	5.4	1.81	63	18	149	19	0.58	23.5	13	170	62	3.41	251	0.16	19	0.63	781	26	0.04	37	0.088	34	17	2.7	29	19	0.1	22	82	20	165

CLIENT:	*NEWMONT GOLD COMPANY*
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AAL REF:	SP053777
METHOD:	AAL 01-2 + Se

AMERICAN ASSAY LABORATORIES
1500 GLENDALE AVE.
SPARKS, NV 89431
PHONE: (775) 356-0606
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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
STANDARD G-2	< .3	0.96	< 2	< 3	226	< 3	0.65	< .2	5	79	2	2.03	9	0.46	8	0.61	534	2	0.08	8	0.094	< 3	< 3	0.3	72	4	0.14	< 8	40	2	40
RS-460 680-700	0.9	1.37	33	< 3	90	< 3	0.99	1.5	9	5	11	3.19	246	0.43	37	0.18	606	2	0.03	4	0.125	26	9	2.1	66	5	< .01	< 8	11	< 2	146
RS-460 720-725	0.3	1.7	2	< 3	33	< 3	1.58	0.6	6	3	6	3.44	29	0.44	38	0.19	568	1	0.04	3	0.121	18	< 3	< .1	106	5	0.01	< 8	17	< 2	97
RS-460 745-750	0.4	1.32	4	< 3	107	< 3	3.07	0.4	5	3	9	2.47	70	0.4	30	0.18	1125	1	0.04	2	0.102	41	< 3	0.2	127	4	0.01	< 8	12	< 2	105
RS-460 770-775	< .3	0.74	< 2	< 3	105	< 3	2.79	0.6	3	8	4	2.02	< 5	0.29	20	0.14	792	2	0.03	3	0.046	16	< 3	< .1	98	6	0.02	< 8	10	< 2	50
RS-460 795-800	0.3	0.98	3	< 3	149	< 3	2.03	0.4	4	10	3	2.23	10	0.37	22	0.15	700	2	0.04	6	0.058	16	< 3	0.1	90	6	0.01	< 8	13	< 2	64
RS-460 820-825	0.7	0.85	6	< 3	67	< 3	2.28	0.7	5	10	4	2.28	44	0.31	22	0.14	845	2	0.04	3	0.075	19	< 3	0.4	98	5	0.01	< 8	15	< 2	86
RS-460 845-850	0.3	1.03	4	3	78	< 3	2.04	0.6	5	8	3	2.53	16	0.39	23	0.16	762	1	0.03	5	0.074	16	< 3	0.1	91	6	0.02	< 8	21	< 2	82
RS-460 870-875	< .3	0.61	2	< 3	58	< 3	2.14	0.5	2	9	4	1.95	< 5	0.28	19	0.08	656	2	0.04	3	0.044	23	< 3	< .1	93	7	0.02	< 8	9	< 2	62
RS-460 895-900	< .3	0.86	< 2	< 3	23	< 3	2.73	0.6	2	3	1	1.01	< 5	0.37	13	0.08	661	1	0.03	2	0.029	18	< 3	< .1	129	6	< .01	< 8	8	< 2	65
RS-460 920-925	< .3	0.66	4	< 3	62	< 3	1.96	0.3	2	6	6	1.82	< 5	0.32	20	0.08	644	2	0.04	2	0.043	16	< 3	< .1	97	6	0.02	< 8	8	< 2	60
RS-460 945-950	0.5	1.15	6	< 3	155	< 3	2.15	0.4	4	20	11	2.15	45	0.47	22	0.14	638	4	0.06	4	0.082	42	< 3	0.4	136	6	0.01	< 8	17	< 2	109
RS-460 970-975	< .3	1.1	4	< 3	50	< 3	0.95	1	5	4	6	1.58	29	0.42	22	0.13	369	1	0.03	2	0.066	26	< 3	< .1	82	6	< .01	< 8	9	< 2	74
RS-460 995-1000	< .3	1.33	4	< 3	78	< 3	3.19	1	5	1	12	2.33	6	0.37	23	0.2	1109	1	0.04	1	0.098	15	< 3	< .1	172	5	0.01	< 8	27	< 2	112
RS-460 1020-1025	< .3	0.89	3	< 3	159	< 3	1.27	0.5	6	10	10	2.56	< 5	0.18	19	0.24	557	3	0.1	3	0.094	10	< 3	0.1	145	5	0.15	< 8	40	< 2	110
RS-460 1025-1045	< .3	1.42	3	< 3	210	< 3	2.49	0.7	7	4	5	2.67	36	0.29	20	0.29	1392	1	0.05	1	0.097	17	< 3	< .1	179	4	0.02	< 8	23	< 2	101
RS-460 1045-1065	< .3	1.09	19	< 3	47	< 3	0.66	0.7	5	8	11	3.17	473	0.4	23	0.08	226	3	0.03	5	0.084	51	9	3.4	95	6	< .01	< 8	7	< 2	125
RS-460 1065-1085	< .3	1.04	15	< 3	176	< 3	0.45	0.4	4	14	8	2.49	298	0.33	23	0.08	292	4	0.03	6	0.054	29	5	1.8	62	6	< .01	< 8	6	< 2	95
RS-460 1085-1105	< .3	1.07	19	< 3	138	< 3	0.73	0.4	3	7	7	2.3	320	0.38	21	0.08	412	3	0.03	4	0.05	36	6	2.9	78	6	< .01	< 8	4	< 2	103
RS-460 1105-1125	< .3	0.9	11	< 3	113	< 3	1.13	0.6	3	8	5	2.33	122	0.39	23	0.08	561	3	0.03	2	0.052	32	3	0.6	84	7	0.01	< 8	6	< 2	66
RS-460 1125-1145	< .3	1	10	< 3	174	4	1.43	0.4	3	5	5	2.19	121	0.42	24	0.06	624	2	0.03	3	0.051	39	3	0.3	102	7	< .01	< 8	7	< 2	66
RS-460 1145-1165	1.1	1.01	35	< 3	88	< 3	0.9	0.6	3	7	7	2.54	492	0.39	20	0.06	800	2	0.02	5	0.043	32	11	5	75	6	< .01	< 8	4	2	86
RS-460 1165-1185	7	1.01	38	< 3	71	< 3	0.62	0.8	3	10	8	2.55	513	0.35	25	0.07	906	3	0.02	7	0.05	28	9	5.3	69	7	< .01	< 8	4	< 2	98
RS-460 1185-1205	0.3	0.7	27	< 3	30	< 3	0.47	0.7	2	13	11	2.32	554	0.3	22	0.03	687	3	0.02	10	0.044	26	11	4.4	69	6	< .01	< 8	2	< 2	84
RS-460 1205-1225	0.7	0.68	47	< 3	48	< 3	0.46	0.8	3	16	6	2.66	657	0.29	23	0.03	976	4	0.02	11	0.041	24	13	6.3	69	6	< .01	< 8	2	2	96
RS-460 1225-1245	0.5	0.62	35	< 3	44	< 3	0.49	0.7	3	25	12	2.8	679	0.25	22	0.03	1124	5	0.03	23	0.043	23	16	4.7	74	5	< .01	< 8	2	< 2	91
RS-460 1245-1265	5.1	0.52	94	< 3	51	< 3	0.42	0.4	2	27	14	3.05	684	0.22	19	0.02	199	4	0.02	21	0.038	35	15	18	67	5	< .01	< 8	2	< 2	81
RS-460 1265-1285	0.9	0.55	45	< 3	52	< 3	0.51	0.5	3	19	12	3.11	432	0.27	20	0.03	198	3	0.02	18	0.047	31	16	11.3	76	5	< .01	< 8	2	2	90
RS-460 1285-1305	0.6	0.88	11	< 3	98	< 3	0.82	0.3	3	8	7	2.21	445	0.34	27	0.06	807	3	0.02	5	0.049	28	5	1.2	91	7	< .01	< 8	4	< 2	83
RS-460 1305-1325	1.9	0.53	85	< 3	67	< 3	0.52	0.2	3	16	7	2.57	497	0.23	20	0.02	259	3	0.02	10	0.038	27	12	11.4	79	6	< .01	< 8	2	2	69
RS-460 1325-1345	0.7	0.63	46	< 3	89	< 3	1.1	0.5	2	12	7	2.17	380	0.3	22	0.03	591	3	0.02	8	0.033	24	8	5.5	106	5	< .01	< 8	2	2	77
RS-460 1345-1365	< .3	0.54	6	< 3	374	< 3	2.43	0.4	1	10	5	1.57	98	0.31	26	0.03	989	2	0.02	4	0.024	65	3	0.9	162	6	< .01	< 8	2	< 2	52
RS-460 1365-1385	< .3	0.69	8	< 3	206	< 3	0.99	0.4	1	6	5	1.33	136	0.36	30	0.04	378	2	0.02	3	0.036	24	< 3	0.4	136	7	< .01	< 8	2	2	50
RS-460 1385-1405	< .3	0.64	6	< 3	105	< 3	2.15	0.2	1	8	4	1.11	184	0.36	21	0.04	995	1	0.03	4	0.018	41	< 3	0.7	159	5	< .01	< 8	1	< 2	65
RS-460 1405-1425	< .3	0.68	10	< 3	80	< 3	1.49	0.4	1	7	3	1.04	139	0.36	21	0.04	632	2	0.03	3	0.022	22	< 3	0.6	148	5	< .01	< 8	1	< 2	61

CLIENT:	*NEWMONT GOLD COMPANY*
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AAL REF:	SP053777
METHOD:	AAL 01-2 + Se

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PHONE: (775) 356-0606
FAX: (775) 356-1413

ELEMENT SAMPLES	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm
STANDARD C3/DS2	5.2	1.77	60	17	145	19	0.56	23.5	12	170	62	3.29	250	0.15	19	0.61	781	26	0.04	37	0.085	30	14	2.5	28	19	0.08	17	82	20	165
STANDARD G-2	< .3	0.98	13	3	233	< 3	0.67	0.3	5	82	34	2.1	9	0.49	8	0.63	568	2	0.09	8	0.097	< 3	< 3	0.2	74	4	0.13	< 8	42	2	99
RS-460 1425-1445	< .3	0.84	11	< 3	82	< 3	1.46	0.6	2	7	6	1.57	115	0.36	22	0.07	471	3	0.02	3	0.035	25	3	0.7	168	6	< .01	< 8	4	< 2	66
RS-460 1445-1465	0.3	0.69	4	< 3	51	< 3	2.07	0.4	1	9	5	1.49	14	0.32	26	0.06	765	2	0.03	3	0.022	33	< 3	< .1	237	9	0.01	< 8	5	< 2	51
RS-460 1465-1485	0.3	0.7	2	< 3	72	< 3	2.09	0.2	1	6	4	1.45	< 5	0.31	26	0.06	722	2	0.03	2	0.021	22	< 3	0.2	244	8	< .01	< 8	5	< 2	41
RS-460 1485-1505	0.4	0.67	4	< 3	167	< 3	2.5	0.5	1	7	4	1.5	< 5	0.33	27	0.05	919	2	0.02	2	0.025	22	< 3	0.2	253	7	< .01	< 8	5	< 2	47
RS-460 1505-1525	< .3	0.57	3	< 3	253	< 3	2.02	< .2	1	8	4	1.25	< 5	0.32	24	0.04	761	1	0.02	2	0.02	25	< 3	0.2	190	7	< .01	< 8	3	2	31
RS-460 1525-1545	< .3	0.77	12	< 3	152	< 3	0.64	0.2	2	9	4	1.44	103	0.37	24	0.04	323	2	0.02	2	0.026	28	< 3	0.4	146	7	< .01	< 8	3	< 2	68
RS-460 1545-1565	< .3	0.62	20	< 3	119	< 3	0.69	0.2	2	9	4	1.39	52	0.33	20	0.03	613	4	0.02	2	0.019	28	< 3	0.5	146	7	< .01	< 8	2	2	46
RS-460 1565-1585	< .3	0.52	8	< 3	245	< 3	1.08	0.3	2	9	3	1.31	58	0.33	18	0.03	580	2	0.02	2	0.017	38	3	0.6	142	7	< .01	< 8	2	< 2	39
RS-460 1585-1605	< .3	0.53	7	< 3	122	< 3	2	0.5	2	6	3	1.55	48	0.28	18	0.03	703	2	0.02	2	0.022	27	< 3	0.5	146	6	< .01	< 8	2	2	36
RS-460 1605-1625	< .3	0.53	12	< 3	82	< 3	1.74	0.3	1	6	3	1.31	32	0.31	16	0.03	721	1	0.02	2	0.021	25	< 3	0.5	159	7	< .01	< 8	1	< 2	28
RS-460 1625-1645	< .3	0.69	14	< 3	121	< 3	0.33	0.7	1	4	3	1.15	< 5	0.39	17	0.03	216	2	0.03	2	0.024	30	< 3	0.2	156	8	< .01	< 8	< 1	< 2	39
RS-460 1645-1665	< .3	0.55	20	< 3	116	< 3	0.41	0.4	1	7	3	1.23	15	0.35	16	0.02	333	2	0.02	3	0.014	37	< 3	0.1	131	8	< .01	< 8	1	2	29
RS-460 1665-1685	< .3	0.65	34	< 3	44	< 3	0.28	< .2	1	9	4	1.22	111	0.35	17	0.03	172	2	0.03	3	0.016	28	< 3	0.5	151	7	< .01	< 8	< 1	< 2	44
RS-460 1685-1705	< .3	0.56	6	< 3	98	< 3	2.03	0.5	1	5	3	1.82	< 5	0.33	22	0.04	1084	2	0.03	3	0.024	25	< 3	0.6	203	5	0.01	< 8	3	< 2	35
STANDARD C3/DS2	5.1	1.81	59	20	147	20	0.56	23.5	12	168	64	3.29	255	0.16	18	0.62	781	26	0.04	38	0.085	34	13	2.1	28	19	0.09	22	84	20	166
STANDARD G-2	< .3	0.97	< 2	< 3	226	< 3	0.65	< .2	4	80	4	1.99	0	0.48	7	0.63	548	1	0.08	8	0.092	6	< 3	0	70	4	0.13	< 8	42	3	42

American Assay Laboratories

INVOICE

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

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

(775) 356-0606

INVOICE NO: SP 0053777-IN
INVOICE DATE: 07/07/99

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-460	ROSEBUD EXPLOR.	NET 30 - DUE IN U.S. DOLLARS

QUANTITY	DESCRIPTION	PRICE	AMOUNT
344	SAMPLES RECEIVED	.00	.00
3	NO PREPARATION REQUIRED	.00	.00
341	DRYING	1.00	341.00
341	EXCESSIVE WETNESS	1.00	341.00
341	JAW CRUSHING CHARGE	1.30	443.30
341	SPLITTING CHARGE	1.20	409.20
341	FINE MILLING CHARGE	2.00	682.00
292	Au (1 A.T. FIRE ASSAY)	8.00	2,336.00
292	HYDROCHLORIC/NITRIC DIGESTION	2.00	584.00
292	Ag ANALYSES	1.00	292.00
276	COMPUSITE CHARGE	1.00	276.00
82	MULTI-ELEMENT ICP PACKAGE	9.80	803.60
82	Se ANALYSES	2.50	205.00

$4363.51

COPY

NET INVOICE	6,712.10
LESS DISCOUNT	2,349.59
FREIGHT	.00
INVOICE TOTAL	4,363.51

SP

SUBMITTAL FORM

American Assay Laboratories

Geochemical • Environmental • Metallurgical

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Nevada 89801
Box 2908
Elko, NV 89801
Telephone
(702) 738-9100
Fax
(702) 738-2594

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

Other Offices
Lima, Peru
Santiago, Chile
Mendoza, Argentina

Company: Newmont Gold Co

Address: 861 W. 6th St.

City Winn State _____ Zip _____

Telephone Number: (775) 625-5613 Fax Number: ( ) _____

Project Name: Rosebud Exploration Purchase Order Number: 3625-477

Date Submitted: 6/10/99 Number of Samples: 341 + 3 standards

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

SAMPLE IDENTIFICATION	TYPE	ELEMENTS REQUIRED
RS-460: 0-700'	RC	FA30 Au, Ag D210 every 5' sample
700-1025'	RC	" " every 25': 725,
		750, 775, etc.... 1000, 1025'
1025-1705'	RC	FA30 Au, Ag D210 every 5' sample
ICP: 0-700'		AAL 1/2 ICP + Se 20' composites
700-1025'		" every 25' without
		composites 725, 750.... 1000, 1025
1025-1705'		AAL 1/2 ICP + Se 20' composites
		1025-1045, 1045-1065, ...1685-1705'
Standards: 450B 1200B 1650B		

RS-460
MS-3
(RMG1)
450B

PEEL HERE

RS-460:
1200B
MS-2
(RMG1)

RS-460: 1650B
MS-3 ~1/2-1? ppm
(RMG1)
plus spike of
GO-1

COARS ar

[ ] Return COD after analysis complete

PULPS (Normally Stored Free For One Month)

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

RESULTS AND INVOICES TO BE SENT TO:

Invoice to:
Charlotte Ballew
Winn

Results to:
R. Vance, Winn
* Charlotte Ballew, Winn

* New NAme for results

Comments:

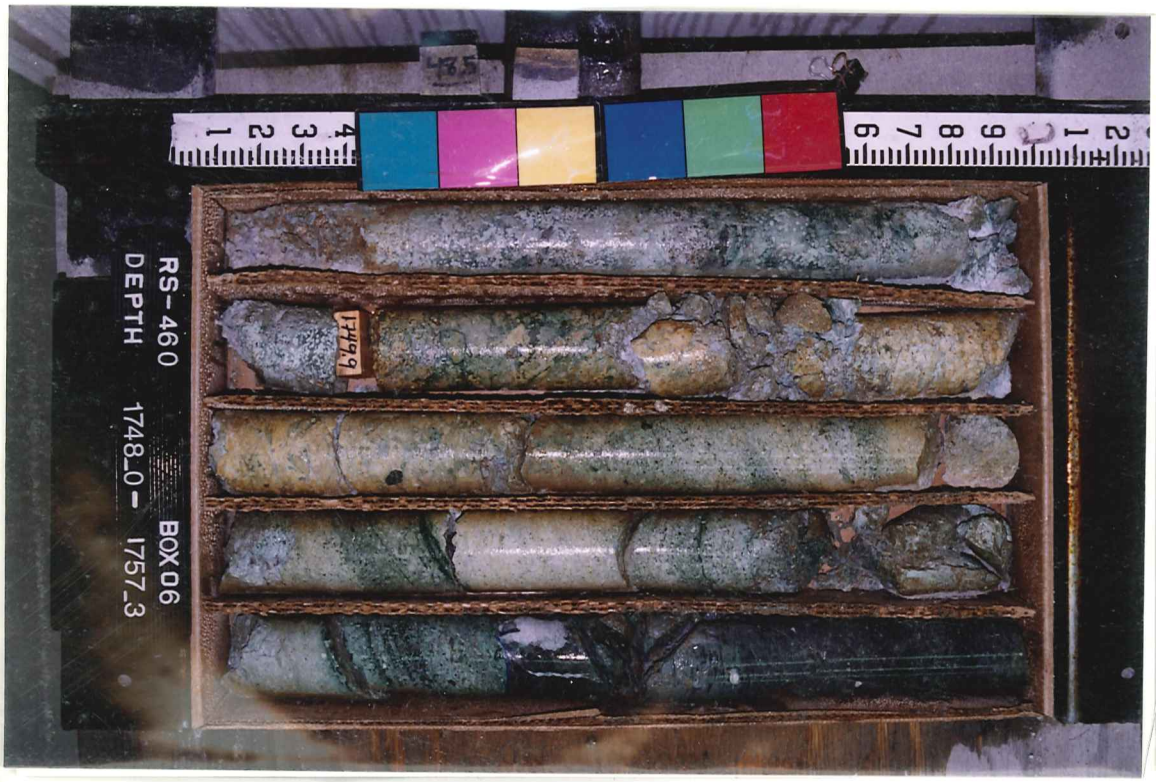
Please use Newmont Standard Sample Prep 0-1705'.

CLIENT FILE COPY

RS-460
DEPTH
BOX 01
1700- 1710_5

1711'
Thin Section
RS-460
DEPTH
BOX 02
1710_5- 1720_0

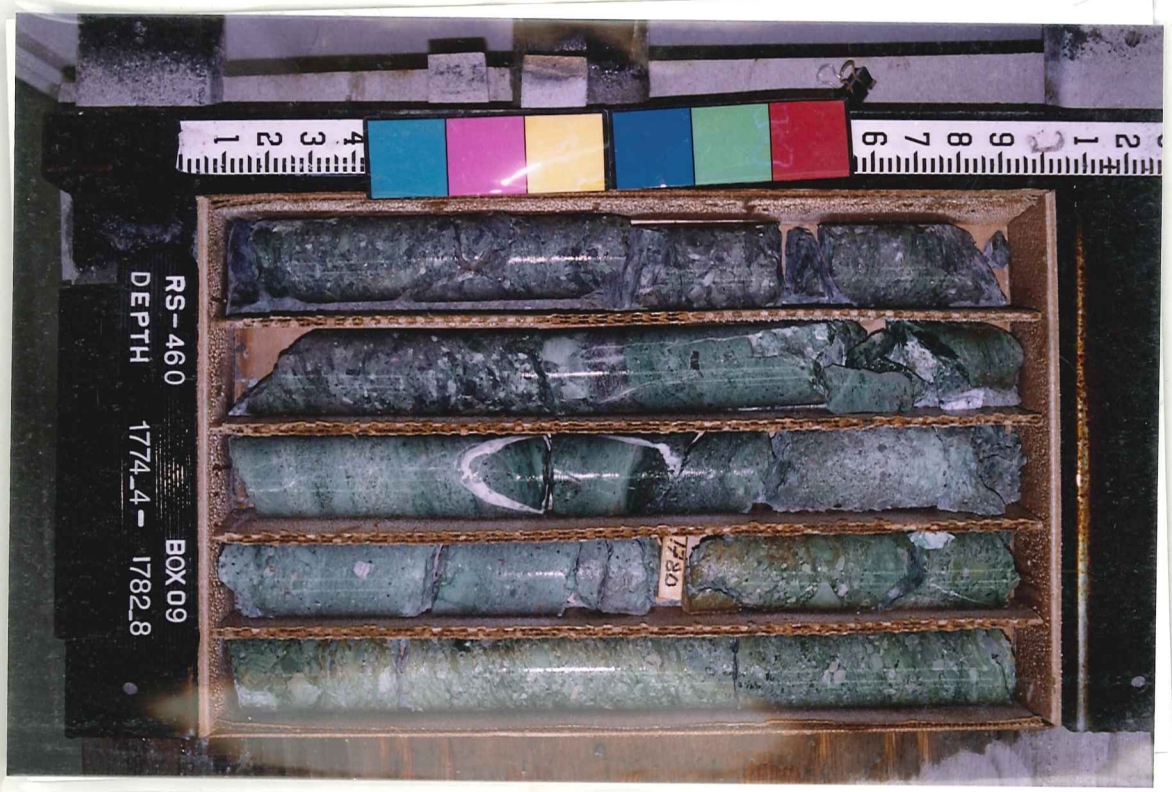
1721
1731.3
RS-460
DEPTH
BOX 03
1720_0- 1731_3



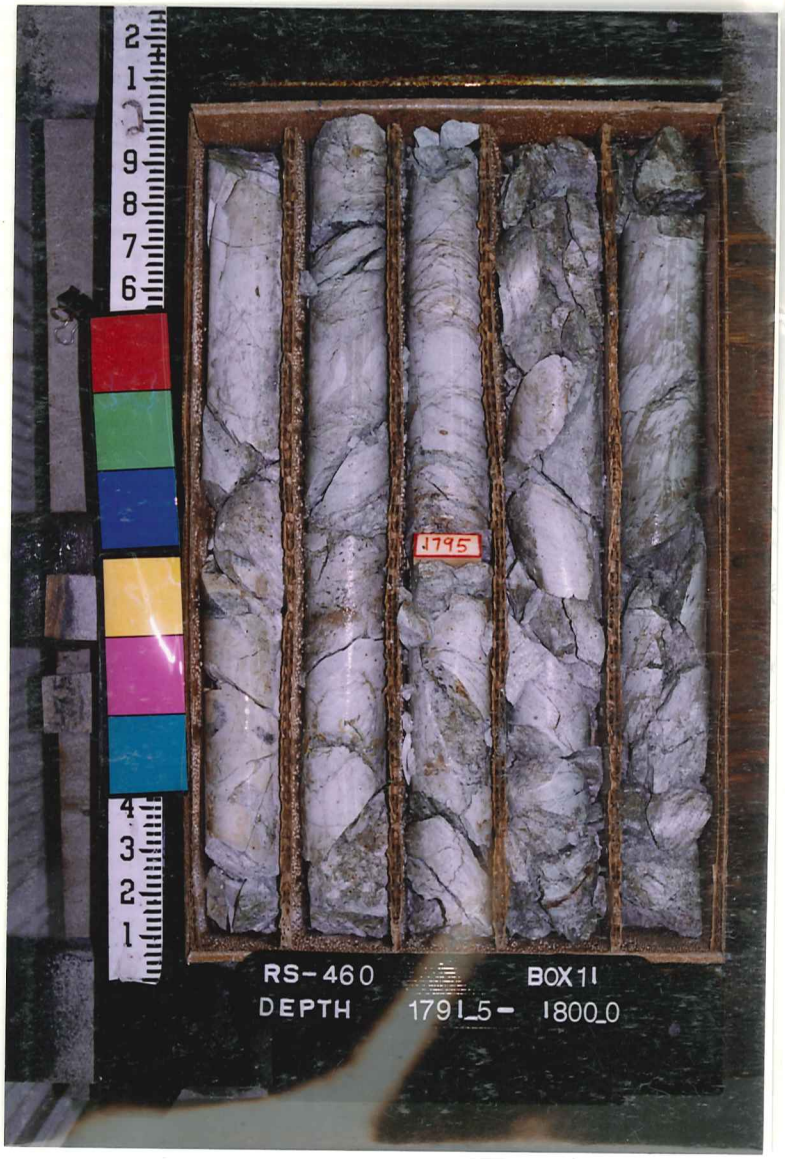
Print File® ARCHIVAL PRESERVERS
P.O. BOX 607638 · ORLANDO, FL 32860 · (407) 886-3100

1760
RS-460
BOX 07
DEPTH 1757_3- 1765_5

1770
RS-460
BOX 08
DEPTH 1765_5- 1774_4


1780
RS-460
BOX 09
DEPTH 1774_4- 1782_8

1785
1790
RS-460
BOX 10
DEPTH 1782_8 - 1791_5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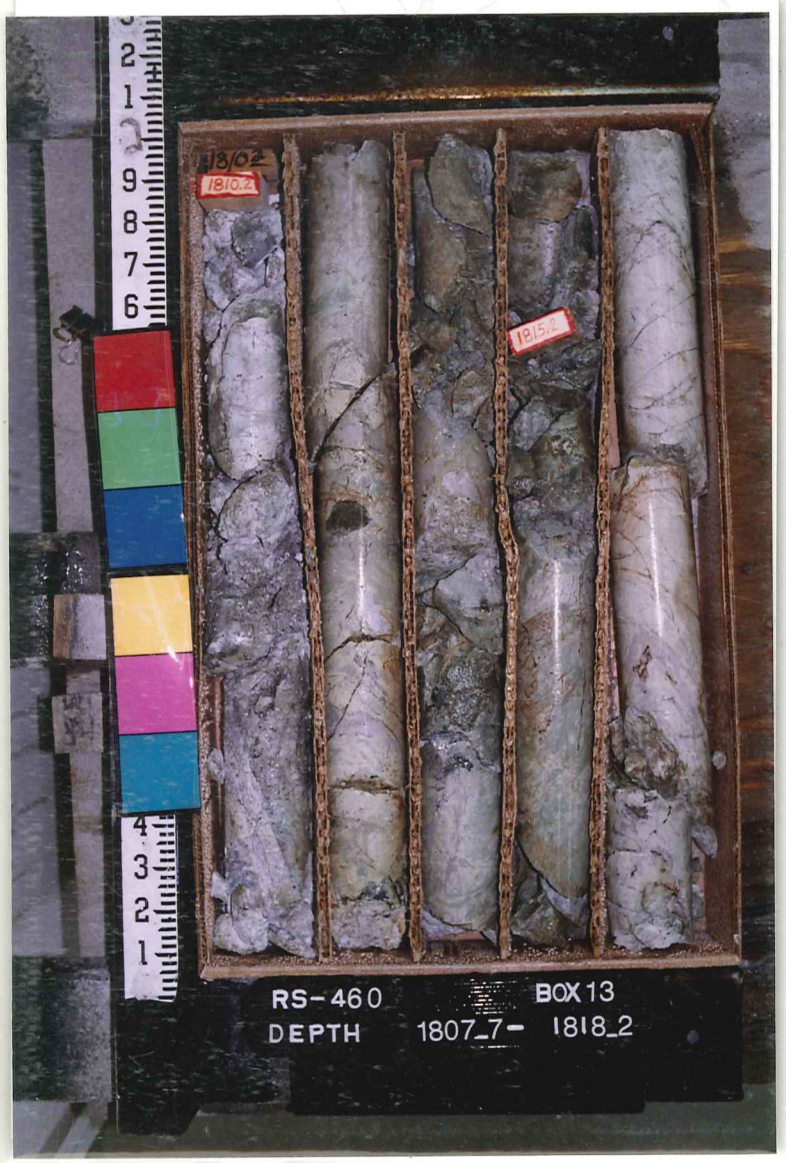
RS-460
BOX 11
DEPTH 1791_5 - 1800_0

1800
1805.1
RS-460
BOX 12
DEPTH 1800_0 - 1807_7


1810.2
1815.2
RS-460
BOX 13
DEPTH 1807_7- 1818_2

1818.2
1820.2
1825.2
RS-460
BOX 14
DEPTH 1818_2- 1827_0

1825.7
1828.7
1831.6
RS-460
BOX 15
DEPTH 1827_0- 1836_5

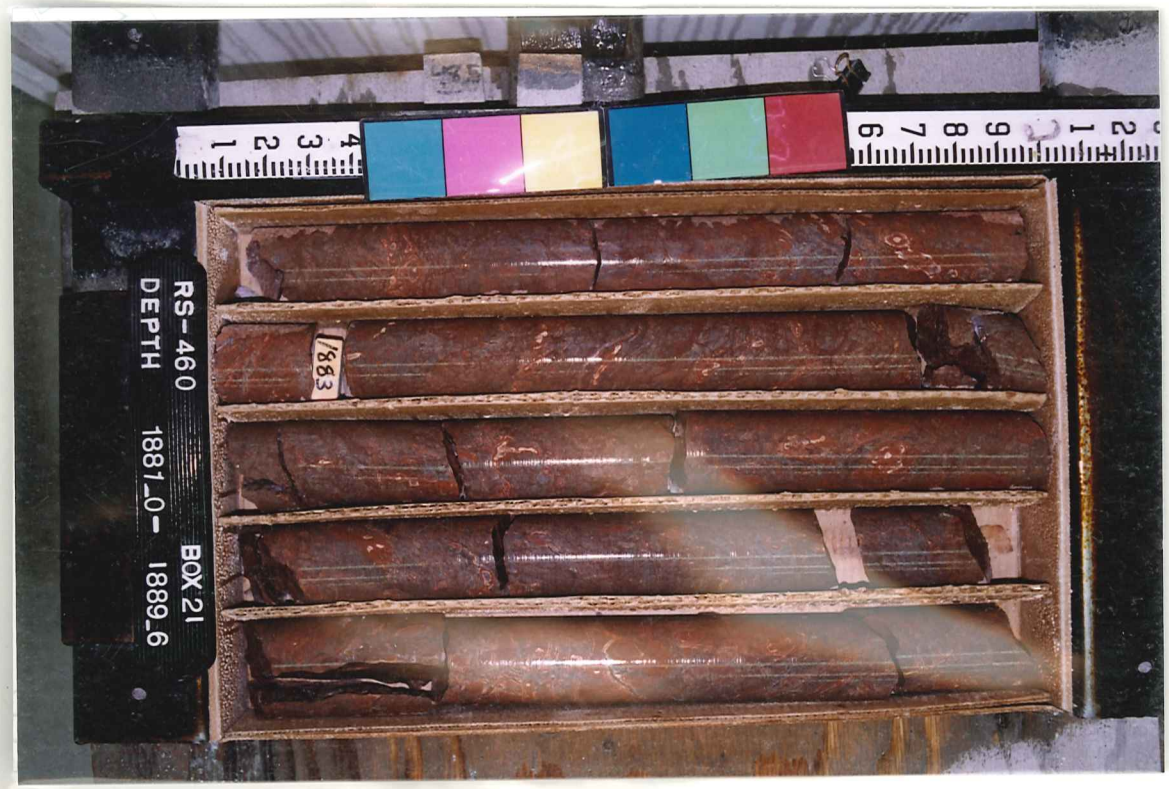
1838.9
RS-460
BOX 16
DEPTH 1836_5- 1845_0

1846.7
1849.2
1846.7
RS-460
BOX 17
DEPTH 1845_0- 1854_3

RS-460
DEPTH 1854_3- 1864_0
BOX 18

RS-460
BOX 19
DEPTH 1864_0- 1873_0

RS-460
BOX 20
DEPTH 1873_0- 1881_0


RS-460
BOX 21
DEPTH 1881_0- 1889_6

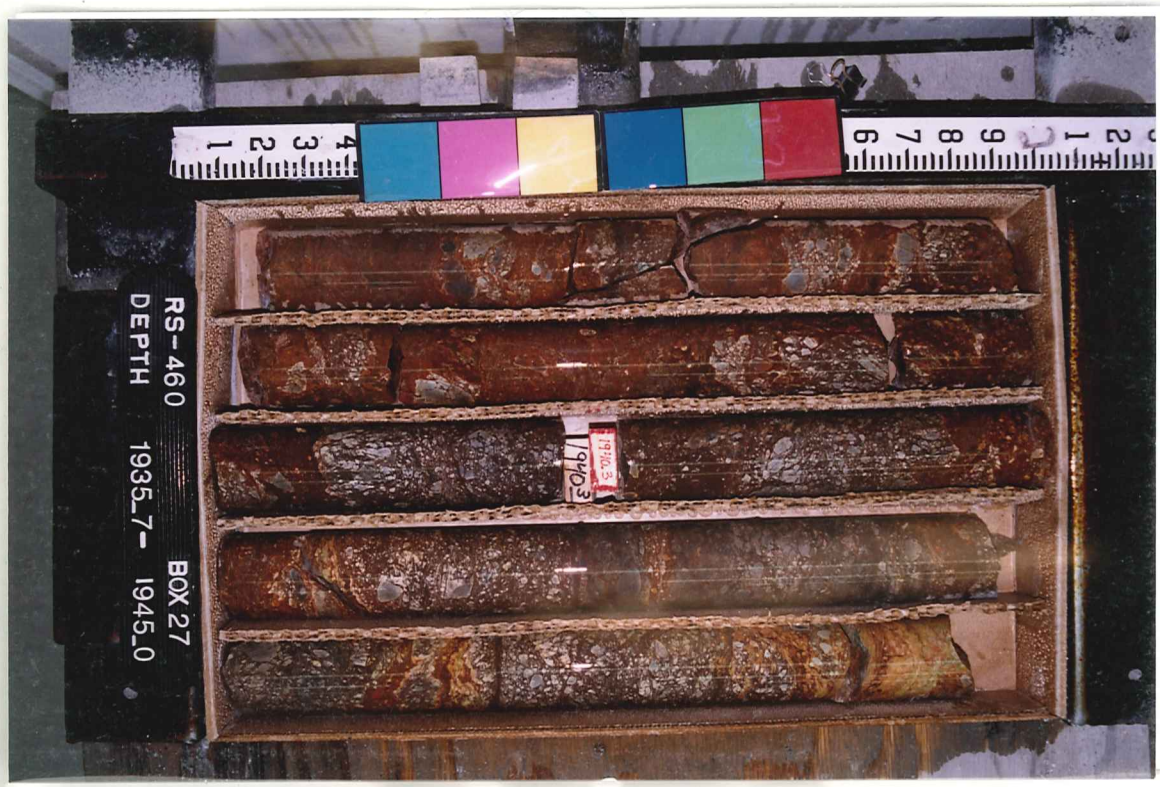
1895
1893
RS-460
BOX 22
DEPTH 1889_6 - 1899_0

1908
1900
1905
1903
RS-460
BOX 23
DEPTH 1899_ - 1908_0

1911
1913
1915
RS-460
BOX 24
DEPTH 1908_0 - 1916_5

1920
1923
1925
1926.3
RS-460
BOX 25
DEPTH 1916_5- 1926_3

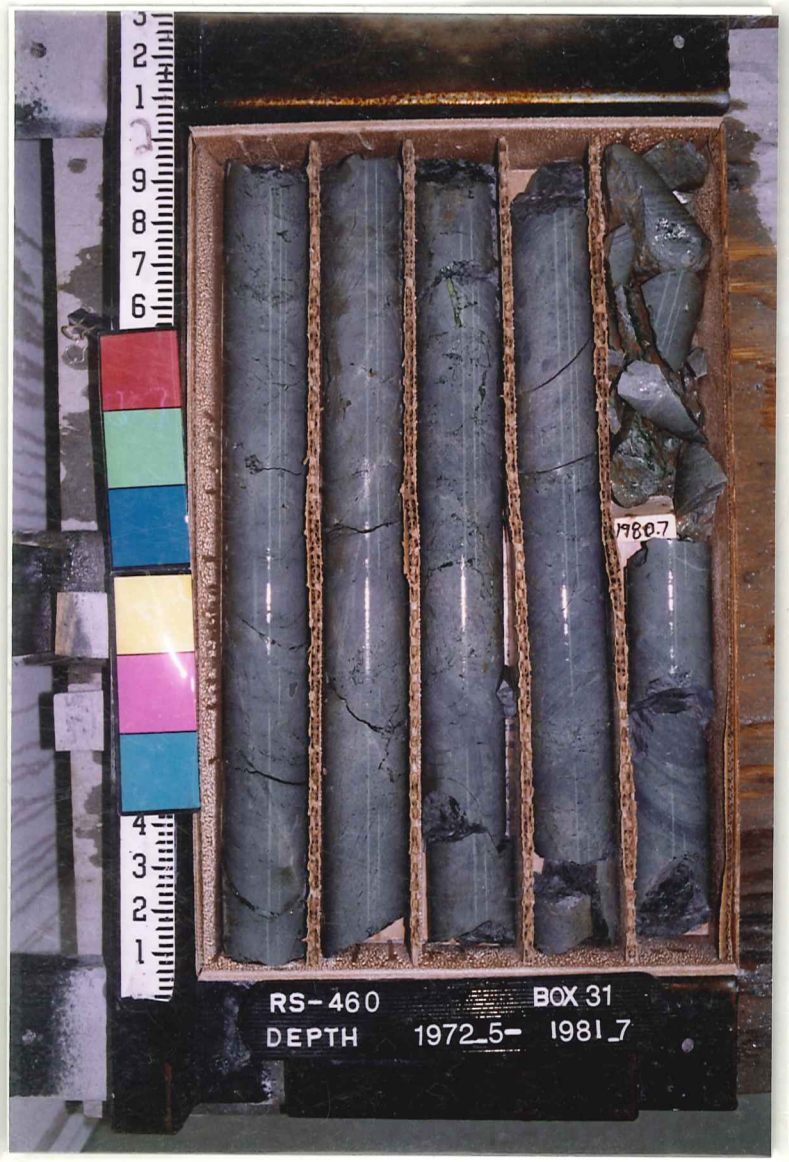
19301
19301
1935.7
RS-460
BOX 26
DEPTH 1926_3- 1935_7


1940.3
1940.3
RS-460
BOX 27
DEPTH 1935_7- 1945_0

1950.1
1950.4
1945.3
RS-460
BOX 28
DEPTH 1945_0- 1954_4

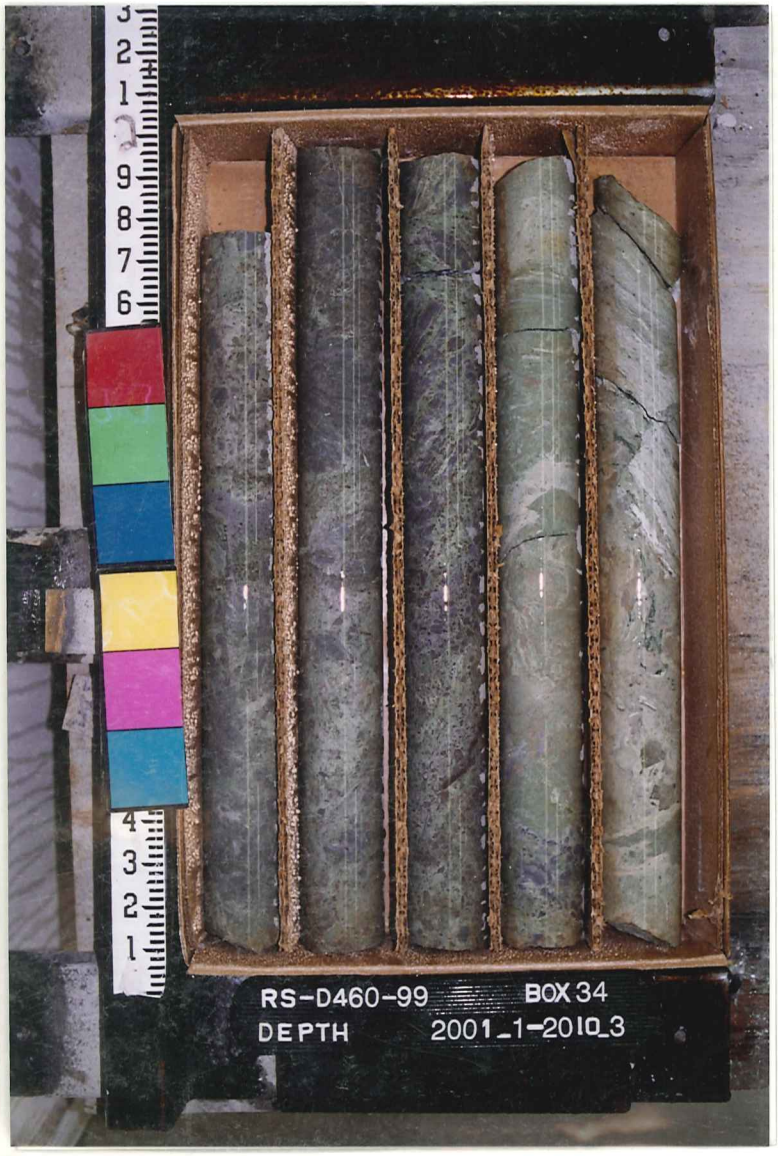
1955.2
1957.0
1958.6
1960.4
RS-460
BOX 29
DEPTH 1954_4- 1962_7

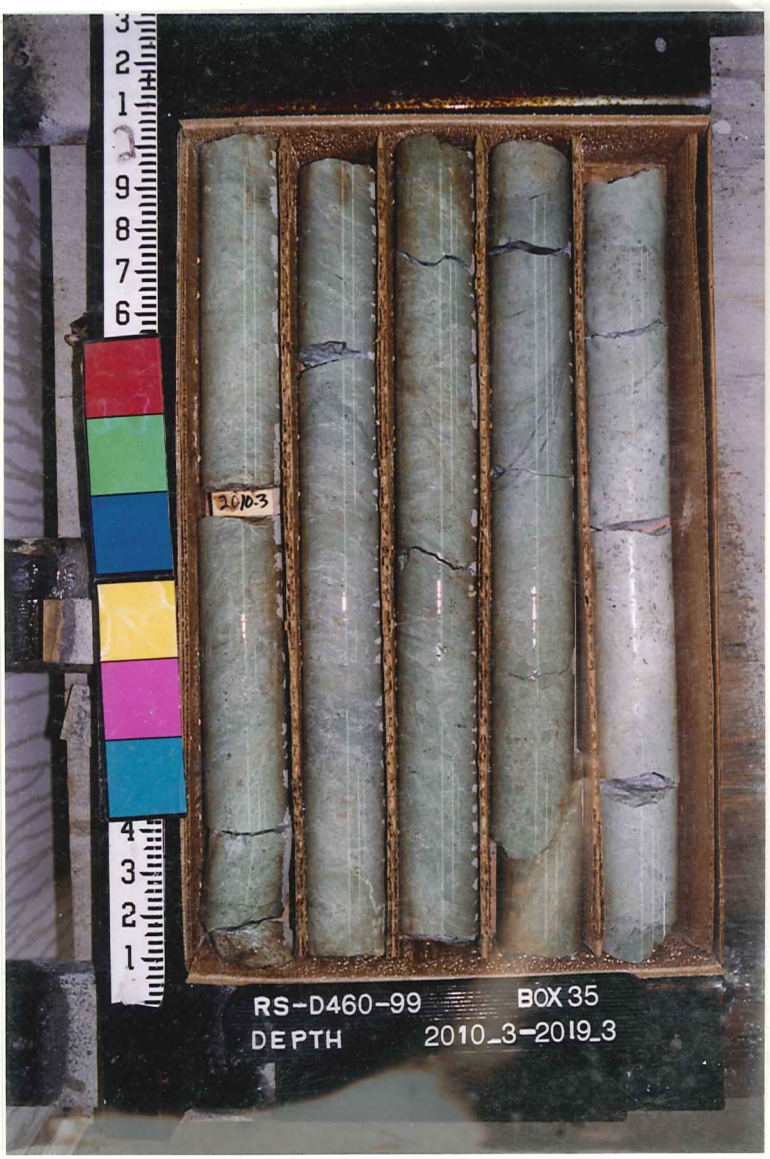
1970.5
RS-460
BOX 30
DEPTH 1962_7- 1972_5


1980.7
RS-460
BOX 31
DEPTH
1972_5- 1981_7

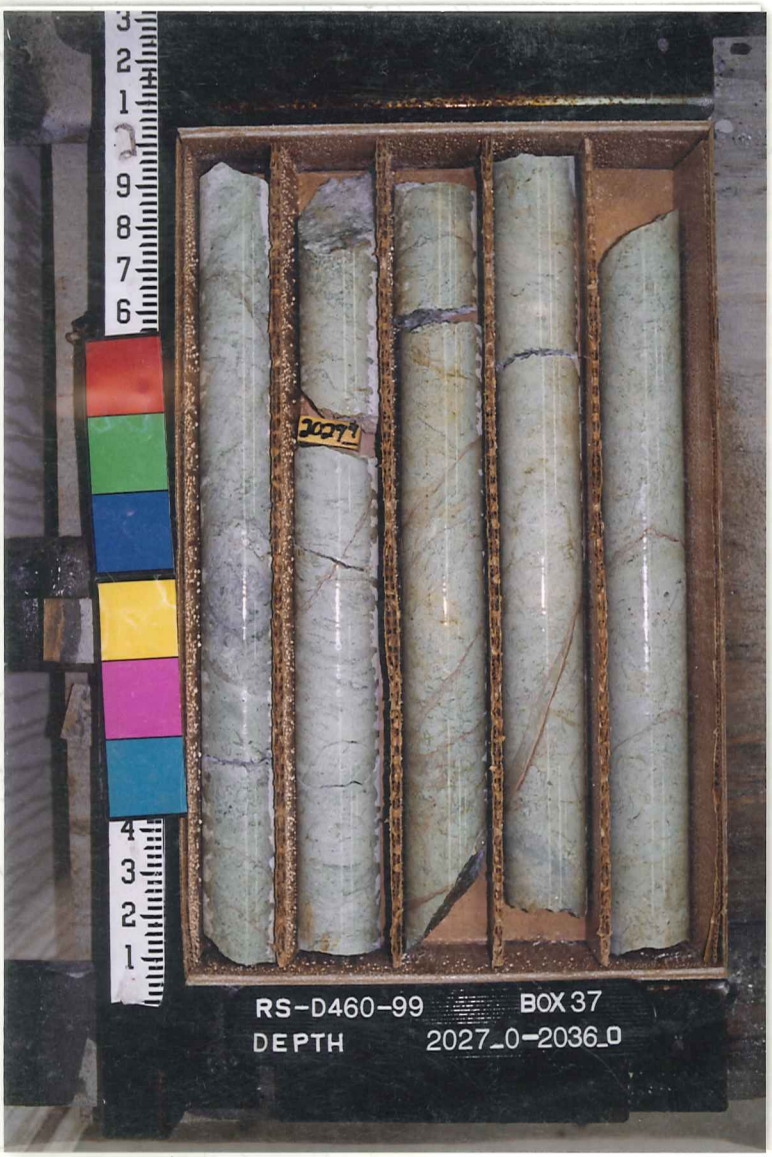
RS-D460-99
BOX 32
DEPTH
1981_7-1991_0

2001.2
1991.1
RS-D460-99
BOX 33
DEPTH
1991_0-2001_1


RS-D460-99 BOX 34
DEPTH 2001_1-2010_3


2010.3
RS-D460-99 BOX 35
DEPTH 2010_3-2019_3

2026.6
2023.5
23.5
RS-D460-99 BOX 36
DEPTH 2019_3-2027_0


RS-D460-99 BOX 37
DEPTH 2027_0-2036_0

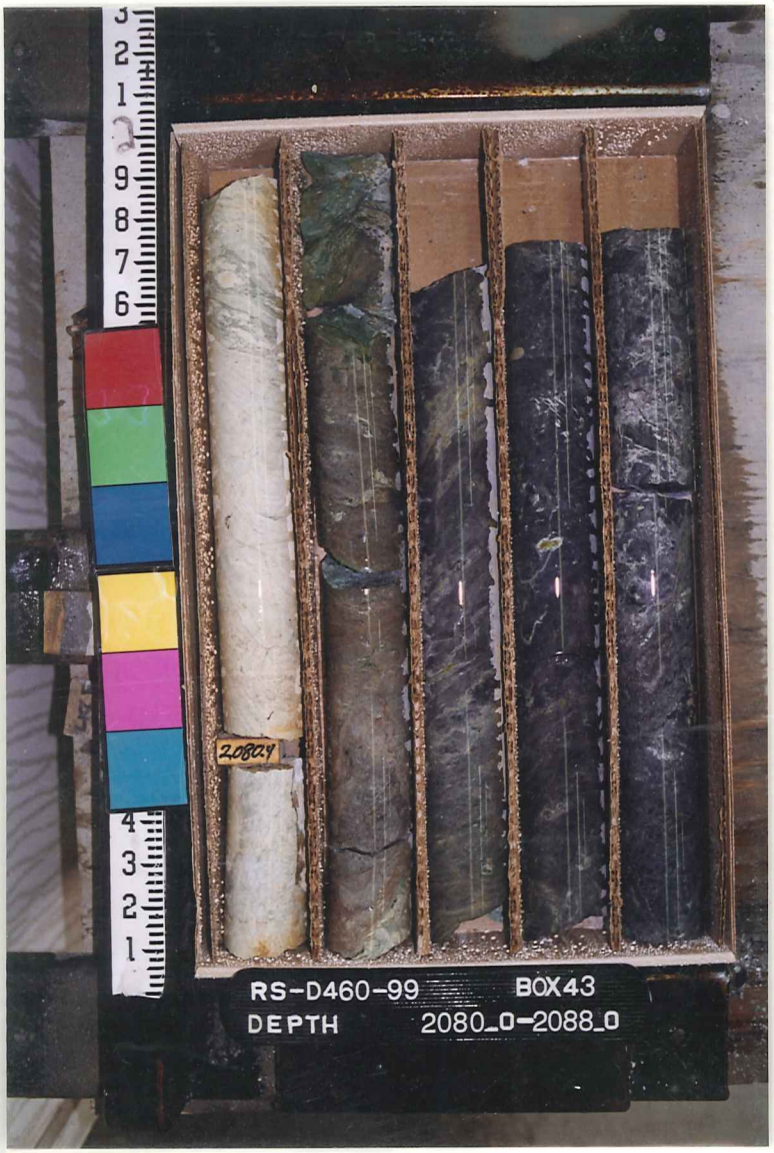
RS-D460-99 BOX 38
DEPTH 2036_0-2044_5

RS-D460-99 BOX 39
DEPTH 2044_5-2053_8

RS-D460-99 BOX40
DEPTH 2053_8-2062_6

RS-D460-99 BOX41
DEPTH 2062_6-2071_7

RS-D460-99 BOX42
DEPTH 2071_7-2080_0


2080.4
RS-D460-99 BOX43
DEPTH 2080_0-2088_0

2090.4
RS-D460-99 BOX44
DEPTH 2088_0-2096_0

2103.3
2100.7
2100.7
RS-D460-99 BOX45
DEPTH 2096_0-2104_0

2108
T.D.
2111
RS-D460-99
BOX46
DEPTH
2104_0-2111_0