6000 0563

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-453A
AUTHOR	G. Langstaff; C. Ballew; R. Vance; S King
DATE OF DOC(S)	1998
MULTI_DIST Y / (N?) Additional Dist_Nos:	
QUAD_NAME	Sulphur 7.5'
P_M_C_NAME (mine, claim & company names)	Rosebud Mine, Newmont Exploration Ltd; Newmont Gold Co.
COMMODITY If not obvious	gold; silver
NOTES	drill logs; assay; geology; photographs; geochemistry; total depth 998'; invoice 54p.

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: DP 2/19/08
Initials Date

DB:
Initials Date

SCANNED:
Initials Date

Revised: 1/22/08

RS-453A

60000563

4010

Hole# RS-453A
Logged by G. Langstaff
Date 10/27/98

Area Target-1A
Coords ____ N
____ E

Newmont Gold Company

Core Form

Az/incl ____
Total Depth ____
Contractor ____

Depth	% Rec	RQD	Au oz/st	Ag oz/st	Formation	Rock type	Color	Graphic	Attitudes	Fault	Breccia	Vein	Gouge	Comments	Silic	Argillic	Clay	Prop	Sericite	Chlorite	green	FEOX	COS	Pyrite	Marcasite	Calc/Dolo			Mag Susc.
	D5 R3		5		"Dozer"	variably fractured, rarely laminated aphyric rock (v. rare feldspar phenos locally)	v. pale greyish yellow		50 jt w/grey clay	0	0		0		0	1	0	0	0	0	0	0		1	1	0			
	D4 R4	ICP	9						15 jt w/more white clay																				
10	D1R1								65 jt w/grey clay																				
	D4 R3.5								jt 53			rare grey clay ± py (more)																	
	D5 R5							55-60 faint lam.	70 jt			0		16.5' - one white feldspar pheno w/ 1mm, blocky; a few others down to 20'		tr								tr	0				
20	D5 R5						pale yellow grey		50 jt																				
								faint lam.	10 jts w/more?																				
	D5 R5							35	60 25 jts w/more jts 25 jt							1													
	D5 R5							psedobrk	65 jt												tr in frx								
30	D5 R5		34						25 jt 20 jt												0			1					
	D5 R5	ICP	39				very pale yellow		65 jt																				
40	D5 R4		44						65 pyrite																				
									25 pyrite																				
	D5 R3		49						35-50 white clay ± pyrite																				
50	D5 R3.5		54						45 vts 60 20 py 40			rare pyrite																	
	P5 R3.5								50 jt, py + white clay																				
									35 51 ? / jt w/ py green clay	17																			
60	P6 R6		62.9						60 white clay + py jt	0		0																	
			65						20 white clay + py fracts!																				
	P6 R6	ICP	69.4						20 white clay + py																				
70									20 0 16 white clay ± py 40																				

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Newmont Gold Company

Core Form

Az/Incl _____
Total Depth _____
Contractor _____

Depth	% Rec	RQD	Au oz/t	Ag oz/t	Formation	Rock type	Color	Graphic	Attitudes	Fault	Breccia	Vein	Gouge	Comments	Silic	Argillic	Clay	Prop	Sericite	Chlorite	Glass	FEOX	COS	Pyrite	Mercasite	Calc/Dolo			Mag Susc.
70	P4 R4	ICP	72.0		"Dozer"	variably fractured, rarely laminated aphyric rock (v. rare feldspar phenos locally)	very pale greyish yellow with 20-60% white clay		≤10 white clay ± py						0	1	0	0	0	0	0	0	0	1/2	0	0			
	10 8.6		76.9						30 jt																				
80	66%								15 white clay + rare py																				
	P10 R10		83.0						50 ≤10 py + white clay	1?)		rare white clay + py (rare)												1					
			86.8						10? fitw/clay, py																				
	P10 R10								35 pyrite																				
90		ICP	91						30 pyrite																				
			95						30 pyrite, jt			rare pyrite ± rare white clay																	
	P10 R10								40 pyrite ± jts																				
100	7.8		100.5						40-50 fine band of pale green clay																				
	78%								40 jt																				
			105				almost white		≤10 open fract ± pyrite			rare																	
	P10 R10								≤10 10 py ± white clay			open fr. ± pyrite																	
110			110						20 10 pyrite + white clay																				
	96%								≤10 jt			rare pyrite ± white clay, (rare?)																	
			115						≤10 py																				
	P10 R10	ICP									pale grey matrix																		
120			120																										
			125				very pale greyish yellow with white pale green stringers		20 jt, py + white clay																				
	P10 R10								40 pyrite ± jt																				
130									≤30					130 - rectangular white feldspar 2mm long		tr?					1								
							pale greenish grey with yellowish circles		20																				
									50 jt																				
								wispy banding	20 jt + rare jts					137-139 - rare blocky white feldspar ~1mm															
140									70																				

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Contractor

Depth	% Rec	RQD	Au oz/t	Ag oz/t	Formation	Rock type	Color	Graphic	Attitudes	Fault	Breccia	Vein	Gouge	Comments	Silic	Argillic	Clay	Prop	Sericite	Chlorite	FEOX	COS	Pyrite	Marcasite	Calc/Dolo			Mag Susc.
140	D10 R10	Top	140.7		"Dozer"	Variably fractured, rarely laminated aphyric rock (v. rare feldspar phenos locally)	pale greenish grey with pale yellowish stringers	alteration banding	25 70 jts	0	0	0	0		0	tr?	0	0	0	0	1	0		1	0	0			
			145					60	25 jt															1				
									20 jts 45															0				
150	D10 R10								<10 open fracture																			
									33 jt w/py, clay															tr				
									"																			
	D10 R10								25					157 - square white feldspar ~1mm, possibly other rare phenos down to 161'												tr			
160									50 jt, calc + py																			
									30 "																			
			165																									
	D10 R10	Top						50 faint fol. faint wispy lens	65 jt																	in veinlets		
170			170.3											169.5, 171.7' - more white feldspar phenos										0				
								50	50 jt																			
									<10 irreg. fracture																			
	D10 R10																											
180																										in fractures		
								faint laminations	60 jt w/calc, grey clay																			
									55 fract.																			
	D10 R10								45-55 fract.																			
190									35 calc																2			
									20 jt																			
									15 calc + clay																			
	D10 R10								10 jt w/calc + clay? 35° slicks					196.0 - subhedral, white feldspar pheno ≤2mm														
			198.9																									
200		Top				mottled grey-green, pale grey, pale yellowish	vary pale yellow-grey	wispy to planar laminations	15-50							1					tr			1					
			203.10						45 jt w/calc + clay							tr					1			tr?					
									10 calc + grn clay + py																			
210																								1				

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Core Form

Az/Incl _____
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: green	Met.: FEOX	Met.: CO3	Met.: Sulfide	Mineralogy: Pyrite	Mineralogy: Marcasite	Mineralogy: Calc/Dolo			Mag Susc.
210	D10 R10		"Dozer"	variable pseudo breccia of aphyric rock	variable pale greyish-green to pale grey with v. pale yellow grey along fractures; mottled grey, green, pale grey, v. pale yellow green; blue-grey & red				40 jt w/grn clay	0	0	0	0		0	tr	0	0	0	0	1	0			1	0	2 in fracs			
	D8 R8							<10 pale band	50 calc+grn clay					217-221: very irregular caraway seed & cusp textures, cusps filled with green clay or calcite, rarely open with qtz lining, very rarely white clay														2			
220	8.1								35 jt																					
	D7 R7																		0											
	6.7																		blue grey		tr	1								
230	D10 R10								<10 calc+hem										0		1	0								
240	D10 R10						245.2		20-30 py+calc+dark brown																		1			
							249.0		30 calc+grn clay+py, 500° slicks																					
250	D10 R10								45 jt w/calc, grn clay, marc																					
									42 jt w/grn clay, calc, py																		2			
260	D6 R6																													
	D10 R10								75 jt																					
270									70 jt																					
									60 calc+py																					
							279.2		45 calc+py					278-283.5: discontinuous pyrite veins and blebs up to 5 mm long														1			

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Core Form

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Contractor _____

Footage	% Rec	RQD	Formation	Rock type	Color	Au az/st	Ag az/st	Graphic	Attitudes	Fault	Breccia	Vein	Gouge	Comments	Silic	Argillic	Clay	Prop	Sericite	Chlorite	green	FEOX	CO3	Sulfide	Pyrite	Marcasite	Calc/Dolo			Mag Susc.
280	D10 R10		"Dozer"	variable pseudobreccia of aphyric rock	variable pale greyish-green to pale grey with v. pale yellowish-grey along fractures ICP	ICP	281.1		20-10 jt w/grn clay, calc, py; 35 jt	0	0	0	0	284.3 – subhedral, equant, white feldspar 2mm 285.7 – subhedral, white feldspar 2mm long	0	tr	0	0	0	0	1	0			1	0	1			
	D10 R10						286.7																							
290							292.4		18 calc+py with microvugs																		2			
	D10 R10																													
300							302.9	25	30 veins of py + white clay ± calc ± marc					302.5-306.5: blebs of py and py-bearing veins, and associated soft brownish-black clay + sulfide?															
						ICP	306.4	20	20 py+calc vein																					
	D10 R10																										2			
310									50 jt																					
	D10 R10								40 jt w/grn clay																					
320								25	faint laminations					326.5 - faint laminations are continuous across pseudobreccia "clasts"																
	D10 R10																													
330									50 jt																					
	D10 R10								10 grn clay wisps																					
340									50-30 calc																					
							345.7	25	color band																					
									30 veins of calc, white clay, py ± marc, dk grey ±					346-349: less green alteration or more argillic around calc+white clay+py veins												1			
350							349.3	40																						

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Area Target-1A
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Core Form

Az/Incl
Total Depth
Contractor

Footage	% Rec	RQD	Litho: Formation	Litho: Rock type	Litho: Color	Au oz/st	Ag oz/st	Graphic	Attitudes	Structure: Fault	Structure: Brecca	Structure: Vein	Structure: Gouge	Comments	Alteration: Silic	Alteration: Argillic	Alteration: Clay	Alteration: Prop	Alteration: Sericite	Alteration: Chlorite	Alteration: green	Met.: FEOX	Met.: CO3	Met.: Sulfide	Mineralogy: Pyrite	Mineralogy: Marcasite	Mineralogy: Calc/Dolo			Mag Susc.
350	D10 R10		"Dozer"	Variable pseudobreccia of aphyric rock	pale grey-green w/v. pale yellow-grey along fractures ICP				50-20 fractures w/grn clay; 40 calc+py	0	0	0	0		0	tr	0	0	0	0	1	0			1	0	1			
									20 jt w/grn clay; 30 fract w/grn clay; 20 py																		2			
	D10 R10																													
360							361.7		25 jt w/grn clay																					
							365.7																							
	D10 R10																													
370									20 jt																					
	D10 R10								35-5 jt w/calc, clay, py					377.3 – equant, white grain ~1mm, possibly feldspar pheno; in weak caraway seed texture											tr	1 in fx			
380									40 calc+py; 50 calc+py																	0				
	D10 R10																										2 in fx			
390					pale grey-green		390.2		15 py; py; 35 py			py ± white or grey clay ± trace marc				1					0					1	0			
							394.1																							
	D10 R10						396.7		30 drusy qtz + marc + white clay																					
							397.3																							
400					v. pale yellow grey		400.3		70-60 py + white clay; 15-20 py + white clay																					
							402.3																							
	D10 R10															tr					1						1 in fx			
410					pale grey-green with yellow grey in pseudobreccia "matrix"				25 greenclay + py + calc																		2 in fx			
420									<10 calcite																					

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Az/Incl
Total Depth
Contractor

Footage	% Rec	RQD	Formation	Rock type	Color	Au az/st	Ag az/st	Graphic	Attitudes	Fault	Breccia	Vein	Gouge	Comments	Silic	Argillic	Clay	Prop	Sericite	Chlorite	Green	FeOX	CO3	Sulfide	Pyrite	Marcasite	Calc/Dolo			Mag Susc.
420	D10 R10				pale grey-green		426.0		<20 py ± vugs or green clay	0	0	0	0	425.5	0	tr	0	0	0	0	1	0			1	0	2 in fx			
430	D10 R10						430.5		35 py + white clay; <10 py; 45 py					430-432.2: rare white spots 1-2 mm could be altered feldspar phenos		1					tr						0			
440	D10 R10			essentially sphyric rock with local caraway seed textures but no pseudobreccia	v. pale yellow-grey		436.0		<5 marc? + white clay; 0-15 white clay + py; 45 planar fracture w/ breccia; 20-25 many jts ± marc ± white clay					440.7																
450	D10 R10		"Dozer"		pale greenish-grey		439.7																							
							443.7		15 jts w/ marc ± clay																					
							447.5							447.5-454.2: irregular and variable caraway seed texture; rare white feldspar phenos (?) 1-3 mm, subhedral-anhedral; caraway seeds usually green clay but locally of pyrite							1										
460	D10 R10						458.7		5-20 green clay + calc + py			0		456.0							tr				tr					
	D10 R10						462.6		15 many grn clay ± calc ± py; grn clay + marc + calc					463.6: vein with green clay, calcite, marc ± py? at <10° to core axis; in more bleached rock above, some pyrite or green clay veins have green halos (also at 476.5') suggests earlier argillic, later green clay alteration							tr				1					
							465.0		<10 grn clay ± calc ± py ± marc					466.5											tr					
470	D10 R10				v. pale grey and yellow-grey		469.5							469.1		2														
							473.0		25 green clay ± py					469.3-473.0: caraway seed and cusp textures with some cusps up to 6 mm long, as voids or green clay 472.8 locally with pyrite or marcasite		1					1					0	0			
												0				2					tr									
	D6 R6				brownish-grey		478.0		green clay ± py					477.2		1														
														478.2		2														
480									30 py/marc ± clay; white clay + marc			white clay + marc/clay ± grey w/ green clay		480.5	1	1														
	D6 R5.5						482.9									2					0									
							484.7																							
					v. pale grey and brownish-grey		488.0		20-30 white clay ± grey clay ± py					489.3: milky barite (?) in vuggy vein with pyrite																
490							489.3																							

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Area Target-1A
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Newmont Gold Company

Core Form

Az/Incl _____
Total Depth _____
Contractor _____

Footage	% Rec	RQD	Formation	Rock type	Color	Au oz/t	Ag oz/t	Graphic	Attitudes	Fault	Breccia	Vein	Gouge	Comments	Silic	Argillic	Clay	Prop	Sericite	Chlorite	Green	FeOX	CO3	Sulfide	Pyrite	Marcasite	Calc/Dolo.			Mag Susc.
490	D9 R9			variably fractured and local pseudobreccia of aphyric rock with local banding	v. pale grey and brown-grey	ICP	493.3		20 white clay+py	0	0		0		1	2	0	0	0	0	0	0			1	0	0			
									20 jt w/green clay & grn clay on cutting py vein			0		494.7	0	1													
	D6 R6								22 site ± grn clay ± py ± white clay					499.3; pyrite+white clay veinlet cuts green clay veinlet															
500									30 jt, grn clay+py ± white clay																					
	D9 R9						503.9		10 white clay, py/grn clay																					
					pale, v. pale brown-grey				30 jt w/py			pyrite														1				
							507.0		<10 30 <10 py																					
									60 jts ± py			0		507.8		tr				1						0				
510					pale grey-green				58 30 25 jts																					
	D10 R10							40	35 jt																		in fx 2			
									50 jt					515.0						tr									
									45-60 hairline fractures w/py																		3			
520									50 jt					516-561: mottled patches of reddish-grey with almost dendritic or sieve-like texture have abundant calcite (e.g. 516-518)															2			
	D10 R10								70 jt																	tr				
									62 jt																		in fractures, veinlets			
							529.6		58 jt					529.6: possible feldspar phenos 1-3mm replaced by calcite, clay															
530						ICP																								
	D10 R10						532.5		32 calc+py																					
									35 py																					
540																														
	D10 R10								55 jt																					
								5	50 jt w/py																					
									40 jt w/py					549-553: pale reddish brown margins up to 3mm wide along some fractures with green clay ± py/calc															
550							551.2																							
						ICP	553.1		20 hairline fractures with calcite																					
									<10																	0				
								30	50 jts					558.3						1										
560									70																					

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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	Green	FeOX	CO3	Sulfide	Pyrite	Marcasite	Calc/Dolo			Mag Susc.
	D10 R10								<10																					
560	D8 R8			variably fractured pseudobreccia and massive aphyric rock with rare local banding and very rare feldspar phenocrysts 1-3mm	pale grey-green				py+calc+green clay 45 jt+u/py,calc	0	0	0	0	561.5: stylolite-like seams of pyrite or green clay at 760° to core axis	0	tr	0	0	0	0	1	0			1	0	2			
																										tr				
																										0				
								50± a Hematite banding	<15 py+calc+green clay 35 jt+u/grn clay, 65° slicks 45					567 - feldspar pheno?, replaced by calcite; equant, anhedral, ~1.5mm 569.5																
570	D10 R10								30 green clay 70 10 15 py+green clay 40 py 60 jt					569 - 572.5: coarse pyrite commonly embedded in calcite blob		1 / local 2					tr					1			
																										0				
580	D10 R10				very pale yellow grey		581.9		<10 green+white clay 10 py+green clay 30																					
						ICP	583.7																			tr				
590	D10 R10								20 jt+u/green clay 20 green clay 30 white clay+ 80 py		1														2	0				
					pale greenish-grey		593.7									2														
							596.1									1									1					
							599.0		60 py 55 jt																					
600	D10 R10				pale grey-green	ICP	600.2							599.5 - 8cm thick zone with elliptical blebs up to 2mm long filled with green clay; other zones down to 605.3, generally much finer blebs (<.5mm) but some elongate, foliated blebs 6mm long; some filled with calcite rather than green clay							1					tr	1				
																										0	2			
																										tr				
																tr					tr					0				
610	D10 R10				pale greenish-grey									617: anhedral white grain ~1.5mm, could be feldspar phenos																
620	D10 R10 9.8								20 calc+green clay + them?																					
630																														

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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: green	Met.: FeOX	Met.: CO3	Met.: Sulfide	Mineralogy: Pyrite	Mineralogy: Marcasite	Mineralogy: Calc/Baso			Mag Susc.
630	D10 R10 9.7		"Dozer"	variably fractured pseudobreccia of aphyric rock with local banding and very rare feldspar phenocrysts	pale greenish-grey				<10 calcite	0	0	0	0		0	tr	0	0	0	0	tr	0			1	0	2			
																										tr				
														638.4												0	1			
640	D5 R4.5 4.2				v. pale brown-grey		639.7		<10 calc + marc + green clay							1					0						2			
						Ice	642.1		20-0 red-matrix breccia																		1			
							644.0				1			644							1									
	D6 R6 5.8										0					tr														
650	D10 R10								10 calc + green clay <20																		2			
																											3			
														655.2 - square, white feldspar phenocrysts 2mm across													2			
							660.0																							
660	D10 R10					Ice	662.2																							
					pale grey-green				25 □? 40 alteration banding																					
670	D10 R10								35 20 23																		1			
																										tr 0				
																											2			
680	D10 R10						682.3		<10 green clay + calc + py + 20° stringers					681.6		1					tr						1			
									25-30 many green clay + calc ± marc, py																					
					v. pale grey		684.2		20 calc + green clay + py/marc					686							1						2			
690	D10 R10				pale grey-green w/v. pale yellow-grey "matrix"				10 green clay + calcite																		1			
																											2			
700	700																													

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Hole# RS-453A
Logged by G. Langstaff
Date 11/3/98

Area Target-1A
Coords N
E

Newmont Gold Company

Core Form

Az/Incl
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	green	FeOX	CO3	Sulfide	Pyrite	Marcasite	Calc/Dolo	pink		Mag Susc.
700	D10 R10			variably fractured pseudo breccia of aphyric rock with local banding	pale grey-green w/yellowish grey tint		707.7	40 3cm thick refractistrik breccia	30 py + green clay	0	0	0	0		0	tr	0	0	0	0	1	0			1	0	2	0		
							710.0	35	greenclay+py 75° slicks					709.6							tr					tr	1			
710	D10 R10				pale grey, greenish-grey w/yellowish grey tint				22 greenclay+py + calc																					
									55 jt w/py + ? green clay 40° slicks																					
							716.3		66 jt																					
720	D10 R10				pale and very pale grey, greenish-grey w/. pale yellowish grey tint		720.0		25 jt w/py																	0				
								50	jt on calc + py + greenclay vein w/90° slicks																		2			
									40 jt w/py																					
730	D10 R10						732.7		25 jt w/py																		1			
								50	40 py jts																	tr				
							735.2	55	hydro bx		2			734.5																
							736.0		40-50 greclay + py ± calc		D	green clay + py ± calc		735.5: 6cm thick, barely clast-supported hydrothermal breccia with abundant open space; vugs lined with drusy qtz, marc (locally replaced by py), pyrite cubes and youngest mamillary calcite		1												0			
							738.8																							
740							740.0		22		2																			
	D10 R10				pale grey and very pale yellow grey		741.7		calc + marc veins																tr	1				
							742.3		1.5cm thick																1	tr				
							745.7		22					744.5		tr											1			
750	D10 R10				v. pale grey and greenish grey				20-25 calc																	6				
								40±10 alteration banding	30 coarse calc, rare vugs																					
									75 jt																					
									45 jt					759.5-761.5: anhedral, white feldspar phenos ?, 1-2mm															1		
760	D10 R10				pink-orange, pale grey, yellowish grey																									
								30-50 alteration banding	30 jt																					
770																														

RBCORFRM.DWG Revised 10/12/98

Hole# RS-453A
Logged by G. Langetzff
Date 11/5/98

Area Target 1A
Coords N
E

Newmont Gold Company

Core Form

Az/Incl
Total Depth
Contractor

Footage	% Rec	RQD	Formation	Rock type	Color	Au oz/st	Ag oz/st	Graphic	Attitudes	Fault	Breccia	Veins	Gouge	Comments	Silic	Argillic	Clay	Prop	Sericite	Chlorite	green	FeOx	CO3	Sulfide	Pyrite	Marcasite	Calc/Dolo	pink		Mag Susc.
770	D10 R10		"Dozer"	Variably fractured pseudobreccia of aphyric rock w/ rare feldspar phenos, v. rare bed bending	pale grey, green-ish grey, v. pale grey		777.2		20-25 coarse calcite rare vugs; 80 coarse calcite cuts (?) green clay; 60 jt	0	0	0	0	779.2 - euhedral, white, feldspar phenos? 1-2mm	0	tr	0	0	0	0	tr	0			1	0	1	1		
780	D10 R10				pale grey, v. pale grey		780.0		20 coarse platy(?) calc, rare vugs																					
790	D10 R10				pale green-ish grey, v. pale yellow grey (no pale)				50 jt					796.6 : euhedral, white, feldspar phenos? 1-2mm; 797.9 : " ~2mm														0		
800	D10 R10				pale greys v. pale yellow grey		800.0		25 jt																					
							803.1		20 qtz-sericite-white clay							1					D					1	0			
							803.9																							
							805.7		80 vuggy, drusy qtz, trace py cubes & pyrite euhedrons; youngest calcite																					
							806.3																							
							809.0																							
810							810.4		80 qtz-sericite-py; 15 hydrothx, vuggy & drusy qtz, py & sericite; 30 qtz-py-sericite			qtz ± py-sericite																			
	D10 R10						812.4				2	0				tr				tr					tr					
							813.7				0																			
							816.7		60 jt																1					
									55 jt; dk green clay																tr	1				
820							820.0																		0		2			
	D10 R10																										1			
									25 jt																					
830	D10 R10				pale grey, green-ish grey, v. pale yellow grey									833.5							0									
					v. pale brn-grey		837.0																							
840							838.8																				2			

RBCORFRM.DWG Revised 10/12/98

Hole# RS-453A
Logged by G. Langstaff
Date 11/5/98

Area Target-1A
Coords N
E

Newmont Gold Company

Core Form

Az/Incl
Total Depth
Contractor

Footage	% Rec	RQD	Formation	Rock type	Color	Au oz/t	Ag oz/t	Graphic	Attitudes	Fault	Breccia	Vein	Gouge	Comments	Silic	Argillic	Clay	Prop	Sericite	Chlorite	green	FEOX	CO3	Sulfide	Pyrite	Marcasite	Calc/Carb	blue-grey	Mag Susc.
840	D10 R10		"Dozer?"	massive with black specks and sparse 2mm hornblende? needles and v. rare feldspar phenocrysts 1-2mm	pale (blue-) grey					0	1	0	0	>843: rock is grey with black specks, sparse acicular hornblende (?) 2mm, very similar to "hbl-microphyric" rock above basement at Dreamland and "Chocolate" above East Zone; are black specks and "hornblende" related to blue-grey alteration?	0	tr	0	0	0	0	0	0			1	0		0	
											0					0									tr		tr		
850	D10 R10													855.8: subhedral, white feldspar pheno, ~2mm square replaced by calcite											tr			1	
860	D10 R10						866.3 868.3		40 70 vt s.u/hem, ± calc; 65 vt													tr					variable 1-2, mostly in fractures		
870	D10 R10					ICP															liesegang banding and minor relict red									<15 x10-5 SI
880	D10 R10								<10 60 hem. liesegang; 70 vt u/hem					887.7 – possible anhedral white feldspar pheno 1.5mm								1					2		
																						1							
890	D10 R10			some pseudo breccia					70 vt; 50 vt u/hem																0?				
																												2	
900	D10 R10				blue grey with red				20 faint laminations; 35 vt												relict red wlar						3		
																											2		
910																													

RBCLRFRM.DWG Revised 10/12/98

Hole# RS-453A
Logged by G. Langstaff
Date 11/11/98
Area Target-1A
Coords N
E

Newmont Gold Company

Core Form

Az/Incl
Total Depth
Contractor

Footage	% Rec	RQD	Formation	Rock type	Color	Au oz/st	Ag oz/st	Graphic	Attitudes	Fault	Breccia	Veln	Gouge	Comments	Silic	Argillic	Clay	Prop	Sericite	Chlorite	green	FeOX	CO3	Sulfide	Pyrite	Marcasite	Calc/Dolo	blue grey	Mag Susc.
910	D10 R10			pseudobreccia, massive, or weakly laminated with rare feldspar phenocrysts and sparse hornblende(?) and black specks	blue-grey with red		915.5 917.4	20-25 faint laminations	40 jt	0	0	0	0	910.5 - square, white feldspar phenos? 2 mm	0	0	0	0	0	0	0	1			0	0	2	2	
								30						916 - 3 foliated black prisms 1-2 mm, hornblende?															
920	D10 R10								65 jt					921 - square white feldspar phenos? 1.5 mm 923.4 - subround mafic xenolith 1cm long with white feldspar phenos 1mm											tr						
930	D10 R10							25 planar lam.	70 jt																0				
									40 jt w/hem																				
									25 jt																				
940	D10 R10		?						23 calcite 30 50 jts																tr		1		
									55 jt																0				
														947 - rectangular white feldspar pheno 3 mm long altered to clay without calcite																
950	D10 R10				blue-grey with tan			30 planar lam.	50 jt																		local 2 (mostly fractures)		
																											2		
960	D8 R8						965.0		65 jt					963.5								tr						1	
																						0			tr			tr	
	7.9					IEP	968.0		<10 w/clay 65 jts																				
970	D10 R10				tan w/minor blue-grey																							1	
														972.0															
									55 jt w/hem																0			2	
									20 jt w/hem																				
					blue-grey																				tr				
980																													

RBCORFRM.DWG Revised 10/12/98

Hole# RS-453A
Logged by G. Langstaff
Date 11/11/98

Area Target-1A
Coords N
E

Newmont Gold Company

Core Form

Az/Incl
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: green	Met.: FEOX	Met.: CO3	Met.: Sulfide	Mineralogy: Pyrite	Mineralogy: Marcasite	Mineralogy: Calc/Dolo	Mineralogy: blue-grey	Mineralogy:	Mag Susc.
980	D10 R10				blue grey					0	0	0	0		0	0	0	0	0	0	0	0			tr	0	2	2		
														983.0														1		
									65 vt					985.5		tr											1	0		
990	D10 R10		?	pseudobreccia with space tan & blue grey																					1					
					pale tan and pinkish-grey				70 vt / vt w/calc, grn clay / 35 vt w/white clay / marg calc																	tr / T				
							997.2																							
1000						ICP	998.0		25					T.D. 998																

RBCTRFRM.DWG Revised 10/12/98

xAMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP051568

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-453A
No. SAMPLES : 28
MAIN SAMPLE TYPE : DRILL CORE

RECEIVED : 17 NOV 1998
REPORTED : 30 NOV 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 SP051568

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-453A

REPORTED : 30 NOV 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-453A 245.2-249.0	36		0.001		1.4	0.04
RS-453A 279.2-281.1	27	28	<0.001	<0.001	<0.5	<0.02
RS-453A 288.7-292.4	<5		<0.001		<0.5	<0.02
RS-453A 302.9-306.4	<5		<0.001		<0.5	<0.02
RS-453A 345.7-349.3	31		<0.001		1.1	0.03
RS-453A 361.7-365.7	<5		<0.001		<0.5	<0.02
RS-453A 390.2-394.1	7		<0.001		<0.5	<0.02
RS-453A 396.7-397.3	122	118	0.004	0.003	2.8	0.08
RS-453A 400.5-402.3	7		<0.001		<0.5	<0.02
RS-453A 400.5-402.3B	132		0.004		<0.5	<0.02
RS-453A 426.0-430.5	26	22	<0.001	<0.001	<0.5	<0.02
RS-453A 430.5-436.0	19		<0.001		<0.5	<0.02
RS-453A 436.0-439.7	27		<0.001		<0.5	<0.02
RS-453A 439.7-443.7	16		<0.001		<0.5	<0.02
RS-453A 443.7-447.5	7		<0.001		<0.5	<0.02
RS-453A 458.7-462.6	5		<0.001		0.7	0.02
RS-453A 462.6-465.0	<5		<0.001		0.8	0.02
RS-453A 465.0-469.5	<5		<0.001		<0.5	<0.02
RS-453A 469.5-473.0	<5		<0.001		<0.5	<0.02
RS-453A 473-478	56		0.002		<0.5	<0.02
RS-453A 478.0-482.9	83		0.002		1.3	0.04
RS-453A 482.9-484.7	182	207	0.005	0.006	3.1	0.09
RS-453A 484.7-488.0	94		0.003		1.9	0.06
RS-453A 488.0-489.3	64		0.002		1.6	0.05
RS-453A 489.3-493.3	73		0.002		1.0	0.03

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP051568

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-453A

REPORTED : 30 NOV 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-453A 503.9-507.0	<5		<0.001		<0.5	<0.02
RS-453A 528.6-532.5	<5		<0.001		<0.5	<0.02
RS-453A 551.2-553.1	<5	<5	<0.001	<0.001	<0.5	<0.02

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ANALYSIS REPORT SP051609

American Assay Laboratories

PO BOX 11530
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NEWMONT GOLD COMPANY

COPIES TO : C. BALLEW

: R. VANCE

:

:

CLIENT REFERENCE No: RS-453A

No. SAMPLES : 33

MAIN SAMPLE TYPE : DRILL CORE

RECEIVED : 17 NOV 1998

REPORTED : 30 NOV 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 SP051609

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-453A

REPORTED : 30 NOV 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-453A 581.9-583.7	23		<0.001		<0.5	<0.02
RS-453A 593.7-596.1	20		<0.001		<0.5	<0.02
RS-453A 599.0-600.2	14		<0.001		<0.5	<0.02
RS-453A 639.7-642.1	72	114	0.002	0.003	<0.5	<0.02
RS-453A 642.1-644.0	44		0.001		<0.5	<0.02
RS-453A 660.0-662.2	21		<0.001		<0.5	<0.02
RS-453A 682.3-684.2	56		0.002		<0.5	<0.02
RS-453A 707.7-710.0	45		0.001		1.5	0.04
RS-453A 718.3-720.0	44		0.001		<0.5	<0.02
RS-453A 732.7-735.2	25		<0.001		1.0	0.03
RS-453A 735.2-736.0	1464	1552	0.043	0.045	1.9	0.06
RS-453A 736.0-738.8	371		0.011		1.8	0.05
RS-453A 738.8-740.0	374		0.011		5.5	0.16
RS-453A 740.0-741.7	146	238	0.004	0.007	2.4	0.07
RS-453A 741.7-742.3	8700	8376	0.254	0.244	8.2	0.24
RS-453A 742.3-745.7	76	102	0.002	0.003	1.1	0.03
RS-453A 777.2-780.0	26		<0.001		<0.5	<0.02
RS-453A 800.0-803.1	21		<0.001		<0.5	<0.02
RS-453A 803.1-803.9	373	440	0.011	0.013	2.3	0.07
RS-453A 803.9-805.7	52		0.002		3.3	0.10
RS-453A 803.9-805.7B	988		0.029		<0.5	<0.02
RS-453A 805.7-806.3	18590	20140	0.542	0.587	25.2	0.74
RS-453A 806.3-809.0	123		0.004		3.6	0.11
RS-453A 809.0-810.4	1117		0.033		3.1	0.09
RS-453A 810.4-812.4	7715	9040	0.225	0.264	12.6	0.37

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ANALYSIS REPORT SP051609

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-453A

REPORTED : 30 NOV 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-453A 812.4-813.7	569	982	0.017	0.029	2.9	0.08
RS-453A 813.7-816.7	73		0.002		2.0	0.06
RS-453A 816.7-820.0	14		<0.001		<0.5	<0.02
RS-453A 837.0-838.8	15		<0.001		<0.5	<0.02
RS-453A 866.3-868.3	<5		<0.001		<0.5	<0.02
RS-453A 915.5-917.4	<5		<0.001		<0.5	<0.02
RS-453A 965-968	168	158	0.005	0.005	<0.5	<0.02
RS-453A 997.2-998.0	12	94	<0.001	0.003	<0.5	<0.02

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ANALYSIS REPORT SP051436

American Assay Laboratories

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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-453A

No. SAMPLES : 22

MAIN SAMPLE TYPE : DRILL CORE

RECEIVED : 5 NOV 1998

REPORTED : 25 NOV 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 SP051436

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-453A

REPORTED : 25 NOV 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-453A 5-9	<5		<0.001		<0.5	<0.02
RS-453A 34-39	12		<0.001		<0.5	<0.02
RS-453A 44-49	80	88	0.002	0.003	<0.5	<0.02
RS-453A 49-54	32		<0.001		<0.5	<0.02
RS-453A 62.9-65.0	152	150	0.004	0.004	<0.5	<0.02
RS-453A 65.0-69.4	110	92	0.003	0.003	0.8	0.02
RS-453A 69.4-72.0	94		0.003		0.8	0.02
RS-453A 72.0-76.9	60		0.002		<0.5	<0.02
RS-453A 76.9-83.0	94		0.003		<0.5	<0.02
RS-453A 83.0-86.8	182		0.005		2.0	0.06
RS-453A 86.8-91.0	54		0.002		<0.5	<0.02
RS-453A 91-95	100		0.003		0.7	0.02
RS-453A 95.0-100.5	114		0.003		<0.5	<0.02
RS-453A 100.5-105.0	116		0.003		<0.5	<0.02
RS-453A 105-110	132		0.004		<0.5	<0.02
RS-453A 110-115	234	236	0.007	0.007	1.0	0.03
RS-453A 115-120	124		0.004		<0.5	<0.02
RS-453A 120-125	80		0.002		<0.5	<0.02
RS-453A 140.7-145.0	14		<0.001		<0.5	<0.02
RS-453A 140.7-145.0B	916	970	0.027	0.028	<0.5	<0.02
RS-453A 165.0-170.0	14		<0.001		<0.5	<0.02
RS-453A 198.9-203.0	<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:	SP051436
METHOD:	AAL 01-2 + Se

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

ELEMENT SAMPLES	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm
PS-453A 5-9	< .3	0.77	8	3	19	< 3	0.09	< .2	< 1	< 1	3	1.24	10	0.25	70	0.05	1026	6	0.02	1	0.009	24	< 3	1.5	13	18	< .01	< 8	< 1	< 2	116
PS-453A 34-39	0.3	0.4	9	< 3	70	< 3	0.12	< .2	1	< 1	2	1.01	40	0.29	72	0.02	1341	5	0.02	2	0.01	34	< 3	1.4	15	18	< .01	< 8	1	< 2	77
PS-453A 65.0-69.4	1.4	0.49	44	4	41	< 3	0.09	< .2	< 1	< 1	27	1.43	220	0.29	66	0.02	83	9	0.01	3	0.009	23	13	6.3	14	16	< .01	< 8	< 1	< 2	657
PS-453A 72.0-76.9	0.6	0.41	28	< 3	8	< 3	0.08	< .2	< 1	1	2	1.53	100	0.29	68	0.01	62	8	0.01	2	0.01	24	3	3.3	12	17	< .01	< 8	1	< 2	66
PS-453A 91-95	0.7	0.45	42	< 3	52	< 3	0.09	< .2	< 1	1	5	1.56	185	0.25	60	0.01	71	15	0.01	2	0.009	23	10	8	14	16	< .01	< 8	< 1	< 2	83
PS-453A 115-120	0.3	0.5	35	< 3	25	< 3	0.1	< .2	< 1	3	5	1.56	315	0.28	63	0.02	85	11	0.01	2	0.009	20	6	6.9	16	16	< .01	< 8	1	< 2	68
PS-453A 140.7-145.0	0.6	0.67	62	4	27	< 3	0.08	< .2	1	7	6	1.78	15	0.3	64	0.04	144	18	0.04	3	0.009	19	< 3	3	13	17	< .01	< 8	1	< 2	74
PS-453A 165.0-170.0	0.4	0.79	18	< 3	26	< 3	0.28	< .2	1	7	7	2.04	10	0.33	70	0.04	200	22	0.06	2	0.009	27	< 3	1.7	26	18	< .01	< 8	1	< 2	80
PS-453A 198.9-203.0	0.4	0.66	18	< 3	82	< 3	1.25	< .2	1	6	7	1.65	45	0.37	71	0.03	464	23	0.05	2	0.011	34	< 3	1.4	58	18	< .01	< 8	1	< 2	86
STANDARD C3	5.4	1.94	57	20	138	18	0.58	23.4	13	168	62	3.43	905	0.17	18	0.62	786	26	0.04	36	0.085	39	16	0.7	28	22	0.08	15	79	15	168
STANDARD G-2	< .3	0.92	< 2	< 3	196	< 3	0.62	< .2	5	72	1	1.95	< 10	0.45	7	0.57	527	1	0.07	7	0.088	< 3	< 3	< .1	65	4	0.12	< 8	37	3	39

American Assay Laboratories

INVOICE

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

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

(702) 356-0606

INVOICE NO: SP 0051436-IN
INVOICE DATE: 11/25/98

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-453A	ROSEBUD EXPLOR	NET 30 - DUE IN U.S. DOLLARS

QUANTITY	DESCRIPTION	PRICE	AMOUNT
22	SAMPLES RECEIVED	.00	.00
1	NO PREPARATION REQUIRED	.00	.00
21	DRYING	1.00	21.00
21	JAW CRUSHING CHARGE	1.30	27.30
21	SPLITTING CHARGE	.60	12.60
21	FINE MILLING CHARGE	2.00	42.00
22	Au (1 A.T. FIRE ASSAY)	8.00	176.00
22	HYDROCHLORIC/NITRIC DIGESTION	2.00	44.00
22	Ag ANALYSES	1.00	22.00
9	MULTI-ELEMENT ICP PACKAGE	9.80	88.20
9	Se ANALYSES	7.15	64.35

#323.34

COPY

NET INVOICE:	497.45
DISCOUNT:	174.11
FREIGHT:	.00
INVOICE TOTAL:	323.34

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP051568

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-453A
No. SAMPLES : 28
MAIN SAMPLE TYPE : DRILL CORE

RECEIVED : 17 NOV 1998
REPORTED : 30 NOV 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 SP051568

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-453A

REPORTED : 30 NOV 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-453A 245.2-249.0	36		0.001		1.4	0.04
RS-453A 279.2-281.1	27	28	<0.001	<0.001	<0.5	<0.02
RS-453A 288.7-292.4	<5		<0.001		<0.5	<0.02
RS-453A 302.9-306.4	<5		<0.001		<0.5	<0.02
RS-453A 345.7-349.3	31		<0.001		1.1	0.03
RS-453A 361.7-365.7	<5		<0.001		<0.5	<0.02
RS-453A 390.2-394.1	7		<0.001		<0.5	<0.02
RS-453A 396.7-397.3	122	118	0.004	0.003	2.8	0.08
RS-453A 400.5-402.3	7		<0.001		<0.5	<0.02
RS-453A 400.5-402.3B MS2	11		<0.001		<0.5	<0.02
RS-453A 426.0-430.5 = 105-185ppb	26	22	<0.001	<0.001	<0.5	<0.02
RS-453A 430.5-436.0	19		<0.001		<0.5	<0.02
RS-453A 436.0-439.7	27		<0.001		<0.5	<0.02
RS-453A 439.7-443.7	16		<0.001		<0.5	<0.02
RS-453A 443.7-447.5	7		<0.001		<0.5	<0.02
RS-453A 458.7-462.6	5		<0.001		0.7	0.02
RS-453A 462.6-465.0	<5		<0.001		0.8	0.02
RS-453A 465.0-469.5	<5		<0.001		<0.5	<0.02
RS-453A 469.5-473.0	<5		<0.001		<0.5	<0.02
RS-453A 473-478	56		0.002		<0.5	<0.02
RS-453A 478.0-482.9	83		0.002		1.3	0.04
RS-453A 482.9-484.7	182	207	0.005	0.006	3.1	0.09
RS-453A 484.7-488.0	94		0.003		1.9	0.06
RS-453A 488.0-489.3	64		0.002		1.6	0.05
RS-453A 489.3-493.3	73		0.002		1.0	0.03

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP051568

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-453A

REPORTED : 30 NOV 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-453A 503.9-507.0	<5		<0.001		<0.5	<0.02
RS-453A 528.6-532.5	<5		<0.001		<0.5	<0.02
RS-453A 551.2-553.1	<5	<5	<0.001	<0.001	<0.5	<0.02

1.52
= 105-185 ppb

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:	SP051568
METHOD:	AAL 01-2 + Se

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

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-453A 245.2-249.0	1	0.47	78	< 3	22	< 3	0.38	< .2	1	4	15	1.96	85	0.22	50	0.03	276	8	0.02	2	0.007	25	< 3	9.2	41	12	< .01	< 8	1	< 2	68
RS-453A 288.7-292.4	0.5	0.6	7	< 3	20	3	0.9	< .2	1	6	7	1.76	30	0.26	55	0.04	391	15	0.03	1	0.009	19	< 3	0.7	49	13	< .01	< 8	1	< 2	78
RS-453A 302.9-306.4	0.4	0.43	5	3	18	< 3	0.18	< .2	1	9	7	1.73	25	0.3	55	0.02	218	17	0.04	2	0.008	25	< 3	2.6	17	14	< .01	< 8	1	< 2	60
RS-453A 361.7-365.7	0.4	0.63	5	< 3	17	< 3	0.89	< .2	1	8	8	1.67	10	0.29	50	0.03	394	15	0.03	2	0.007	20	< 3	0.5	36	12	< .01	< 8	1	< 2	95
RS-453A 396.7-397.3	2.1	0.29	75	< 3	13	< 3	0.12	< .2	1	6	13	1.83	230	0.18	32	0.01	104	22	0.01	1	0.005	25	17	16.1	15	7	< .01	< 8	1	< 2	35
RS-453A 436.0-439.7	0.4	0.39	45	< 3	13	< 3	0.13	< .2	< 1	8	19	1.6	30	0.26	48	0.02	165	17	0.01	3	0.007	20	< 3	6	14	11	< .01	< 8	2	< 2	84
RS-453A 462.6-465.0	0.8	0.31	5	< 3	22	< 3	1.41	0.5	1	6	11	1.16	15	0.26	58	0.02	1177	6	0.02	1	0.019	20	< 3	4.4	63	14	< .01	< 8	1	< 2	96
RS-453A 482.9-484.7	2.9	0.44	42	3	10	< 3	0.15	< .2	1	19	15	2.29	540	0.26	30	0.03	183	26	0.01	4	0.005	19	22	14.2	15	5	< .01	< 8	2	< 2	47
RS-453A 528.6-532.5	0.5	0.37	6	< 3	12	< 3	1.21	< .2	< 1	5	11	1.32	15	0.19	44	0.02	717	7	0.02	1	0.006	19	< 3	1	50	10	< .01	< 8	1	< 2	78
RS-453A 551.2-553.1	0.5	0.59	7	< 3	18	< 3	1.26	< .2	1	8	8	2.42	25	0.25	41	0.03	609	15	0.03	2	0.005	25	< 3	1	55	9	< .01	< 8	1	< 2	87
STANDARD C3	5.8	1.82	58	20	138	18	0.56	22.9	13	158	63	3.3	905	0.16	17	0.58	775	26	0.04	34	0.082	33	15	1	27	20	0.08	22	76	16	156
STANDARD G-2	< .3	0.87	< 2	5	199	< 3	0.58	< .2	5	68	1	1.89	15	0.43	6	0.54	508	1	0.06	6	0.086	< 3	< 3	< .1	61	4	0.12	< 8	37	2	36

American Assay Laboratories

INVOICE

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

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

(702) 356-0606

INVOICE NO: SP 0051558-IN
INVOICE DATE: 11/30/98

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-453A	ROSEBUD EXPLOR	NET 30 - DUE IN U.S. DOLLARS

QUANTITY	DESCRIPTION	PRICE	AMOUNT
28	SAMPLES RECEIVED	.00	.00
1	NO PREPARATION REQUIRED	.00	.00
27	JAW CRUSHING CHARGE	1.30	35.10
27	SPLITTING CHARGE	.60 11/30	16.20
27	FINE MILLING CHARGE	2.00	54.00
28	Au (1 A.T. FIRE ASSAY)	8.00	224.00
28	HYDROCHLORIC/NITRIC DIGESTION	2.00	56.00
28	Ag ANALYSES	1.00	28.00
10	MULTI-ELEMENT ICP PACKAGE	9.80	98.00
10	Se ANALYSES	7.15	71.50

$378.82

COPY

NET INVOICE:	582.80
ESTIMATED DISCOUNT:	203.98
FREIGHT:	.00
INVOICE TOTAL:	378.82

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP051609

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-453A
No. SAMPLES : 33
MAIN SAMPLE TYPE : DRILL CORE

RECEIVED : 17 NOV 1998
REPORTED : 30 NOV 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 SP051609

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-453A

REPORTED : 30 NOV 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-453A 581.9-583.7	23		<0.001		<0.5	<0.02
RS-453A 593.7-596.1	20		<0.001		<0.5	<0.02
RS-453A 599.0-600.2	14		<0.001		<0.5	<0.02
RS-453A 639.7-642.1	72	114	0.002	0.003	<0.5	<0.02
RS-453A 642.1-644.0	44		0.001		<0.5	<0.02
RS-453A 660.0-662.2	21		<0.001		<0.5	<0.02
RS-453A 682.3-684.2	56		0.002		<0.5	<0.02
RS-453A 707.7-710.0	45		0.001		1.5	0.04
RS-453A 718.3-720.0	44		0.001		<0.5	<0.02
RS-453A 732.7-735.2	25		<0.001		1.0	0.03
RS-453A 735.2-736.0	1464	1552	0.043	0.045	1.9	0.06
RS-453A 736.0-738.8	371		0.011		1.8	0.05
RS-453A 738.8-740.0	374		0.011		5.5	0.16
RS-453A 740.0-741.7	146	238	0.004	0.007	2.4	0.07
RS-453A 741.7-742.3	8700	8376	0.254	0.244	8.2	0.24
RS-453A 742.3-745.7	76	102	0.002	0.003	1.1	0.03
RS-453A 777.2-780.0	26		<0.001		<0.5	<0.02
RS-453A 800.0-803.1	21		<0.001		<0.5	<0.02
RS-453A 803.1-803.9	373	440	0.011	0.013	2.3	0.07
RS-453A 803.9-805.7	52		0.002		3.3	0.10
RS-453A 803.9-805.7B	790		0.023		<0.5	<0.02
RS-453A 805.7-806.3	18590	20140	0.542	0.587	25.2	0.74
RS-453A 806.3-809.0	123		0.004		3.6	0.11
RS-453A 809.0-810.4	1117		0.033		3.1	0.09
RS-453A 810.4-812.4	7715	9040	0.225	0.264	12.6	0.37

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP051609

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-453A

REPORTED : 30 NOV 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-453A 812.4-813.7	569	982	0.017	0.029	2.9	0.08
RS-453A 813.7-816.7	73		0.002		2.0	0.06
RS-453A 816.7-820.0	14		<0.001		<0.5	<0.02
RS-453A 837.0-838.8	15		<0.001		<0.5	<0.02
RS-453A 866.3-868.3	<5		<0.001		<0.5	<0.02
RS-453A 915.5-917.4	<5		<0.001		<0.5	<0.02
RS-453A 965-968	168	158	0.005	0.005	<0.5	<0.02
RS-453A 997.2-998.0	12	94	<0.001	0.003	<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:	SP051609
METHOD:	AAL 01-2 + Se

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

ELEMENT SAMPLES	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm
RS-453A 581.9-583.7	0.5	0.57	6	< 3	44	< 3	0.2	0.2	1	8	20	2.93	25	0.27	44	0.04	385	24	0.02	3	0.007	26	< 3	1	20	9	< .01	< 8	2	< 2	98
RS-453A 599.0-600.2	0.6	0.51	7	< 3	64	< 3	0.22	< .2	1	5	13	1.87	25	0.32	61	0.03	411	12	0.01	1	0.009	34	< 3	1.7	21	14	< .01	< 8	1	< 2	105
RS-453A 642.1-644.0	0.6	0.55	127	< 3	24	< 3	0.27	< .2	1	6	24	2.45	70	0.25	51	0.05	573	13	0.02	2	0.007	18	< 3	9	28	12	< .01	< 8	1	< 2	97
RS-453A 660.0-662.2	0.4	0.67	< 2	< 3	17	< 3	1.51	< .2	1	6	18	2.34	25	0.24	49	0.04	1257	10	0.03	2	0.008	23	< 3	0.4	46	11	< .01	< 8	1	< 2	75
RS-453A 718.3-720.0	0.3	0.61	9	< 3	16	< 3	0.28	< .2	1	5	17	2.17	85	0.27	63	0.03	646	10	0.02	2	0.009	18	< 3	0.8	20	15	< .01	< 8	2	< 2	63
RS-453A 736.0-738.8	1.7	0.29	46	< 3	15	< 3	0.21	< .2	1	6	17	1.72	145	0.25	41	0.01	198	7	0.02	2	0.005	21	< 3	9.3	20	8	< .01	< 8	1	< 2	64
RS-453A 738.8-740.0	2	0.25	48	< 3	18	< 3	0.18	< .2	1	5	19	2.16	95	0.21	33	0.01	210	8	0.02	2	0.005	23	< 3	18.4	16	6	< .01	< 8	1	< 2	66
RS-453A 777.2-780.0	< .3	0.44	2	< 3	20	< 3	0.78	< .2	1	8	19	2.17	40	0.27	54	0.02	922	10	0.04	2	0.007	23	< 3	0.3	29	12	< .01	< 8	1	< 2	37
RS-453A 800.0-803.1	0.6	0.47	9	< 3	19	< 3	0.36	< .2	< 1	5	15	1.62	25	0.21	65	0.02	561	10	0.04	2	0.008	22	11	1	22	14	< .01	< 8	1	< 2	59
RS-453A 810.4-812.4	14.7	0.23	82	< 3	43	< 3	0.07	0.2	2	8	27	2.63	190	0.18	37	0.01	146	13	0.03	4	0.006	22	4	11.7	9	6	< .01	< 8	2	< 2	56
RS-453A 837.0-838.8	< .3	0.62	< 2	< 3	19	< 3	0.31	< .2	< 1	5	19	1.89	< 10	0.19	76	0.02	506	7	0.04	2	0.008	18	< 3	< .1	18	17	< .01	< 8	1	< 2	49
RS-453A 866.3-868.3	< .3	0.37	< 2	< 3	20	< 3	0.58	< .2	1	6	19	1.6	20	0.21	74	0.01	566	15	0.05	2	0.008	13	< 3	< .1	21	17	0.01	< 8	2	< 2	27
RS-453A 915.5-917.4	< .3	0.34	< 2	< 3	19	< 3	0.8	< .2	1	6	17	1.59	< 10	0.19	80	0.01	607	13	0.05	2	0.01	16	< 3	< .1	20	18	0.01	< 8	1	< 2	24
RS-453A 965-968	< .3	0.23	< 2	< 3	18	< 3	0.68	< .2	< 1	6	16	1.93	155	0.15	54	0.01	551	12	0.04	2	0.007	19	4	0.8	16	12	< .01	< 8	1	< 2	28
RS-453A 997.2-998.0	0.4	0.46	4	< 3	16	< 3	0.31	< .2	1	4	15	1.86	10	0.16	65	0.01	807	8	0.04	2	0.009	13	9	0.5	12	14	< .01	< 8	1	< 2	44

American Assay Laboratories

INVOICE

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

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

(702) 356-0606

INVOICE NO: SP 0051609-IN
INVOICE DATE: 11/30/98

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-453A	ROSEBUD EXPLOR	NET 30 - DUE IN U.S. DOLLARS

QUANTITY	DESCRIPTION	PRICE	AMOUNT
33	SAMPLES RECEIVED	.00	.00
1	NO PREPARATION REQUIRED	.00	.00
32	JAW CRUSHING CHARGE	1.30	41.60
32	SPLITTING CHARGE	.60	19.20
32	FINE MILLING CHARGE	2.00	64.00
33	Au (1 A.T. FIRE ASSAY)	8.00	264.00
33	HYDROCHLORIC/NITRIC DIGESTION	2.00	66.00
33	Ag ANALYSES	1.00	33.00
15	MULTI-ELEMENT ICP PACKAGE	9.80	147.00
15	Se ANALYSES	7.15	107.25

NET INVOICE:	742.05
LESS DISCOUNT:	259.72
FREIGHT:	.00
INVOICE TOTAL:	482.33

COPY

SP

SUBMITTAL FORM

American Assay Laboratories

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(702) 738-2594

Mazatlan Office
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011-52-69-170035

Other Offices
Lima, Peru
Santiago, Chile
Mendoza, Argentina

Company: Newmont Gold Company

Address: 861 W. 6th Street

City Winnemucca State NV Zip 89445

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

Project Name: Rosebud Exploration Purchase Order Number:

Date Submitted: 11/4/98 Number of Samples: 22

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

SAMPLE IDENTIFICATION	TYPE	ELEMENTS REQUIRED
RS-453A : 0-203'	Core	Au by FA30 and Ag by PA10 each sample
(see attached list)		
		AAL12+Se on selected individual
		samples as shown on attached sheet

COARSE REJECTS (Normally Discarded After 60 Days)

[ ] Return COD after analysis complete

PULPS (Normally Stored Free For One Month)

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

RESULTS AND INVOICES TO BE SENT TO:

Invoice to:

Charlotte Ballew
NGC
Winnemucca

Results to:

Randy Vance
NGC
Winnemucca

Comments:

Newmont Rosebud Standard Sample Prep

NO COMPOSITES

RS-453A
MS-3
(RMG1)

140.7-145B

CLIENT FILE COPY

AAL 1/2+Se

RS-453A **discontinuous sample intervals**

		5-9
		34-39
44	49	
49	54	
62.9	65	
		65-69.4
69.4	72	
		72.-76.9
76.9	83	
83	86.8	
86.8	91	
		91-95
95	100.5	
100.5	105	
105	110	
110	115	
		115-120
120	125	
		140.7-145
140.7	145B	
		165-170.3
		198.9-203.

samples to be analyzed by AAL 1/2+Se are shaded

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Santiago, Chile
Mendoza, Argentina

Company: Newmont Gold Company

Address: 861 W. 6th Street

City Winnemucca State NV Zip 89445

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

Project Name: Rosebud Exploration Purchase Order Number:

Date Submitted: 11/12/98 Number of Samples: 28

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

SAMPLE IDENTIFICATION	TYPE	ELEMENTS REQUIRED
RS-453A: 245.2 – 553.1	Core	Au by FA30 and Ag by P210 each sample
(see attached list)		
		AAL 1/2+Se on selected individual
		samples (shaded on attached list)

COARSE REJECTS (Normally Discarded After 60 Days)

[ ] Return COD after analysis complete

PULPS (Normally Stored Free For One Month)

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

RESULTS AND INVOICES TO BE SENT TO:

Invoice to:

Charlotte Ballew
NGC
Winnemucca

Results to:

Randy Vance
NGC
Winnemucca

Comments:

Newmont Rosebud Standard Sample Prep

PEEL HERE

RS-453A

MS-2
(RMG1)

400.5-402.3B

CLIENT FILE COPY

AAL1/2+Se

245.2	249	– X
279.2	281.1	
288.7	292.4	– X
302.9	306.4	– X
345.7	349.3	
361.7	366.7	– X
390.2	394.1	
396.7	397.3	– X
400.5	402.3	
400.5	402.3B	
426	430.5	
430.5	436	
435	439.7	– X
439.7	443.7	
443.7	447.5	
458.7	462.6	
462.6	465	– X
465	469.5	
469.5	473	
473	478	
478	482.9	
482.9	484.7	– X
484.7	488	
488	489.3	
489.3	493.3	
503.9	507	
528.6	532.5	– X
551.2	553.1	– X

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Mendoza, Argentina

Company: Newmont Gold Company

Address: 861 W. 6th Street

City Winnemucca State NV Zip 89445

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

Project Name: Rosebud Exploration Purchase Order Number:

Date Submitted: 11/14/98 Number of Samples: 33

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

SAMPLE IDENTIFICATION	TYPE	ELEMENTS REQUIRED
RS-453A: 581.9 – 998'	Core	Au by FA30 and Ag by 1210 each sample
(see attached list)		
		AAL 1/2 +Se on selected individual
		samples (shaded on attached list)

COARSE REJECTS (Normally Discarded After 60 Days)

[ ] Return COD after analysis complete

PULPS (Normally Stored Free For One Month)

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

RESULTS AND INVOICES TO BE SENT TO:

Invoice to:

Charlotte Ballew
NGC
Winnemucca

Results to:

Randy Vance
NGC
Winnemucca

Comments:

Newmont Rosebud Standard Sample Prep
Do not composite any samples.

RS-453A

MS-3
(RMG1)

803.9 - 805.7B

CLIENT FILE COPY

AAL 1/2+5e

581.9	583.7	— x
593.7	596.1	
599	600.2	— x
639.7	642.1	— x
642.1	644	
660	662.2	— x
682.3	684.2	
707.7	710	
718.3	720	— x
732.7	735.2	
735.2	736	
736	738.8	— x
738.8	740	— x
740	741.7	
741.7	742.3	
742.3	745.7	
777.2	780	— x
800	803.1	— x
803.1	803.9	
803.9	805.7	
803.9	805.7B	
805.7	806.3	
806.3	809	
809	810.4	
810.4	812.4	— x
812.4	813.7	
813.7	816.7	
816.7	820	
837	838.8	— x
866.3	868.3	— x
915.5	917.4	— x
965	968	— x
997.2	998	— x

581.9	583.7
593.7	596.1
599	600.2
639.7	642.1
642.1	644
660	662.2
682.3	684.2
707.7	710
718.3	720
732.7	735.2
735.2	736
736	738.8
738.8	740
740	741.7
741.7	742.3
742.3	745.7
777.2	780
800	803.1
803.1	803.9
803.9	805.7
805.7	806.3
806.3	809
809	810.4
810.4	812.4
812.4	813.7
813.7	816.7
816.7	820
837	838.8
866.3	868.3
915.5	917.4
965	968
997.2	998

II 25-

198.9	203
245.2	249
279.2	281.1
288.7	292.4
302.9	306.4
345.7	349.3
361.7	365.7
390.2	394.1
396.7	397.3
400.5	402.3
400.5	402.3B
426	430.5
430.5	436
436	439.7
439.7	443.7
443.7	447.5
458.7	462.6
462.6	465
465	469.5
469.5	473
473	478
478	482.9
482.9	484.7
484.7	488
488	489.3
489.3	493.3
503.9	507
528.6	532.5
551.2	553.1
581.9	583.7
593.7	596.1
599	600.2
639.7	642.1
642.1	644
660	662.2
682.3	684.2
707.7	710
718.3	720
732.7	735.2
735.2	736
736	738.8
738.8	740
740	741.7
741.7	742.3
742.3	745.7
777.2	780
800	803.1
803.1	803.9
803.9	805.7
805.7	806.3
806.3	809
809	810.4

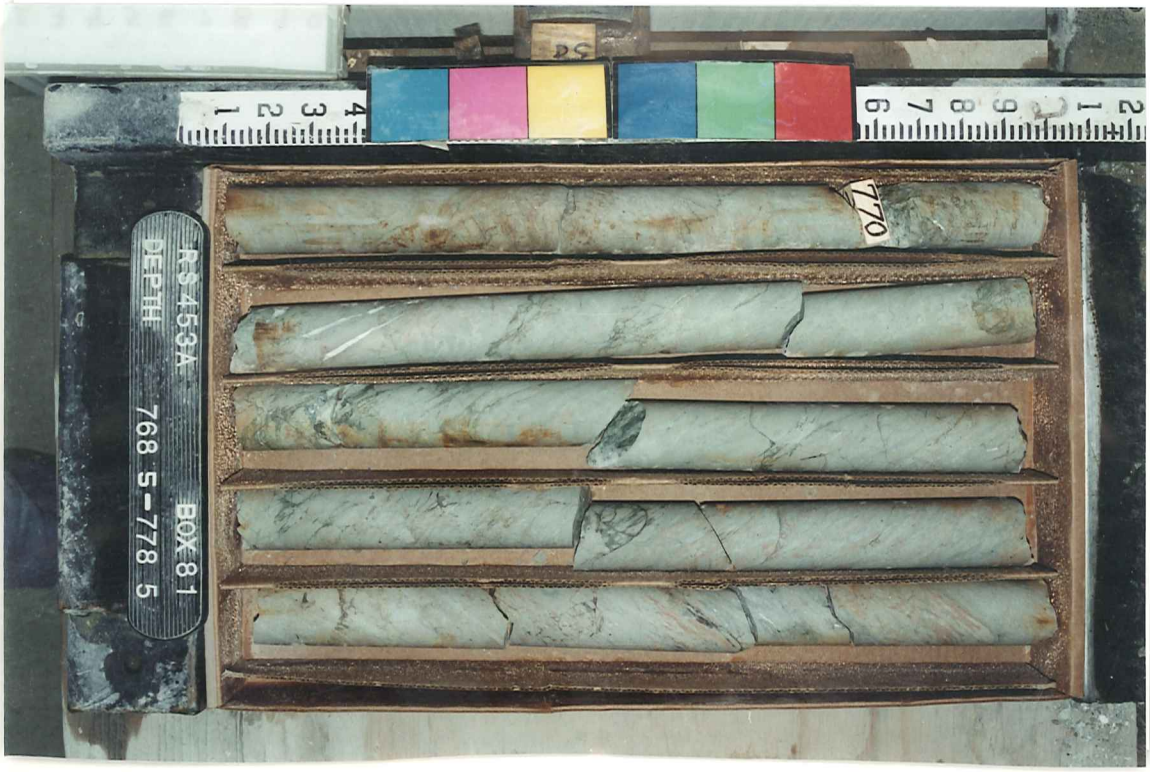
Shipped 11/12

RS-453A **discontinuous sample intervals**

5	9
34	39
44	49
49	54
62.9	65
65	69.4
69.4	72
72	76.9
76.9	83
83	86.8
86.8	91
91	95
95	100.5
100.5	105
105	110
110	115
115	120
120	125
140.7	145
165	170.3
198.9	203
245.2	249
279.2	281.1
288.7	292.4
302.9	306.4
345.7	349.3
361.7	365.7
390.2	394.1
396.7	397.3
400.5	402.3
400.5	402.3B
426	430.5
430.5	436
436	439.7
439.7	443.7
443.7	447.5
458.7	462.6
462.6	465
465	469.5
469.5	473
473	478
478	482.9
482.9	484.7
484.7	488
488	489.3
489.3	493.3
503.9	507
528.6	532.5
551.2	553.1

750
RS 453A
BOX 79
DEPTH 749 5-759 0

760
RS 453A
BOX 80
DEPTH 759 0-768 5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RS 453A
BOX 81
DEPTH 768 5-778 5

RS 453A
BOX 82
DEPTH
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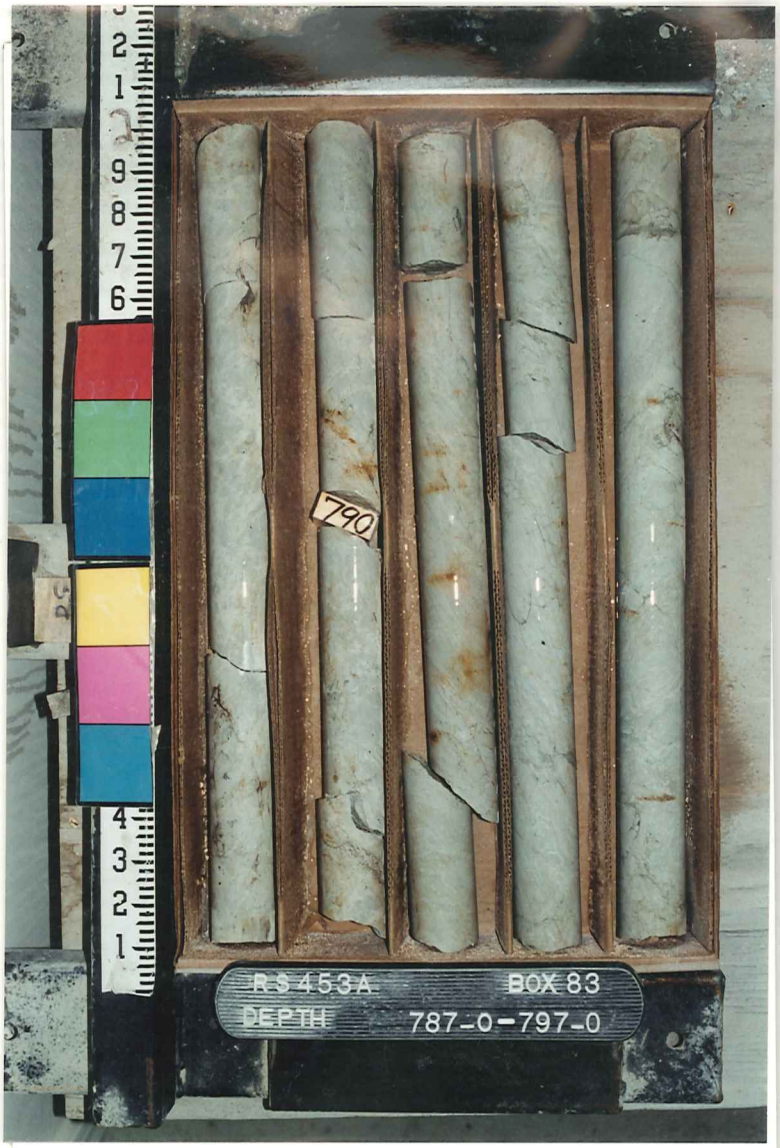
780
777.2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790

RS 453A
BOX 84
DEPTH
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805.7
806.3

810.4
812.4
810
813.7
809.0
RS 453A
BOX 85
DEPTH
806-5-816-0

816.7
820
RS 453A
BOX 86
DEPTH
816-0-825-5

RS 453A
BOX 87
DEPTH
825-5-835-0
830

838.8
840
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BOX 88
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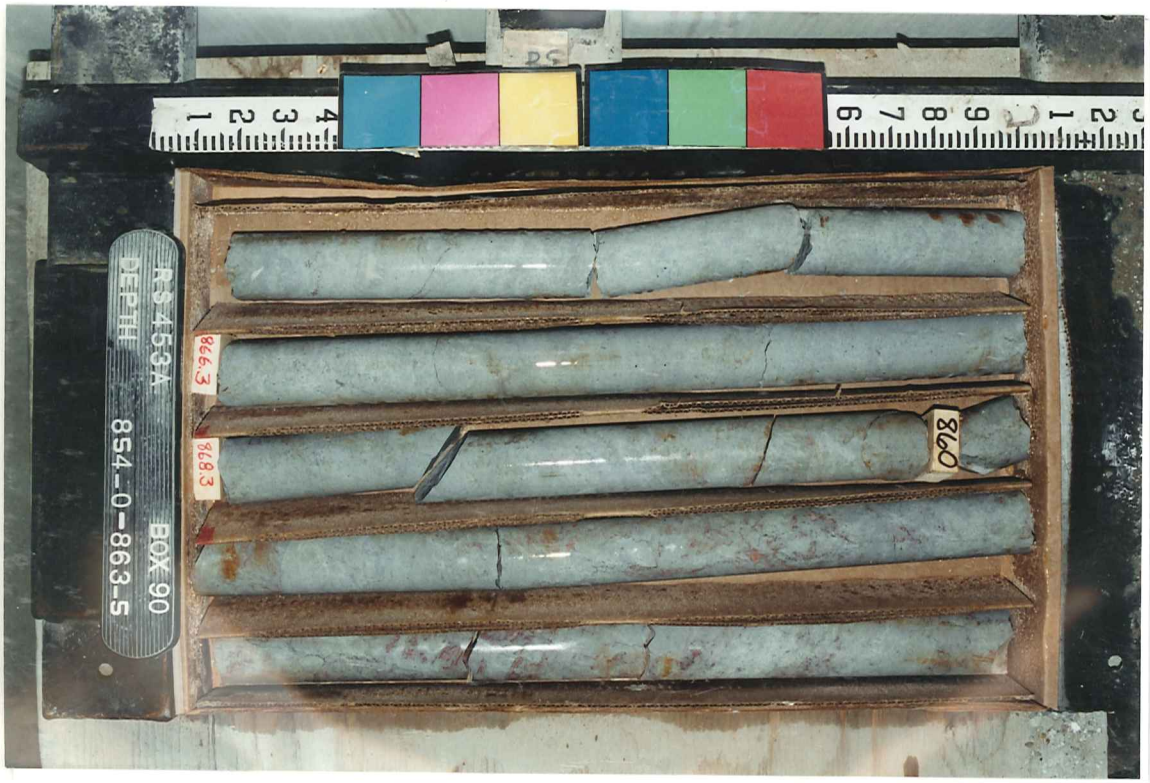
RS 453A
BOX 89
DEPTH
844-5-854-0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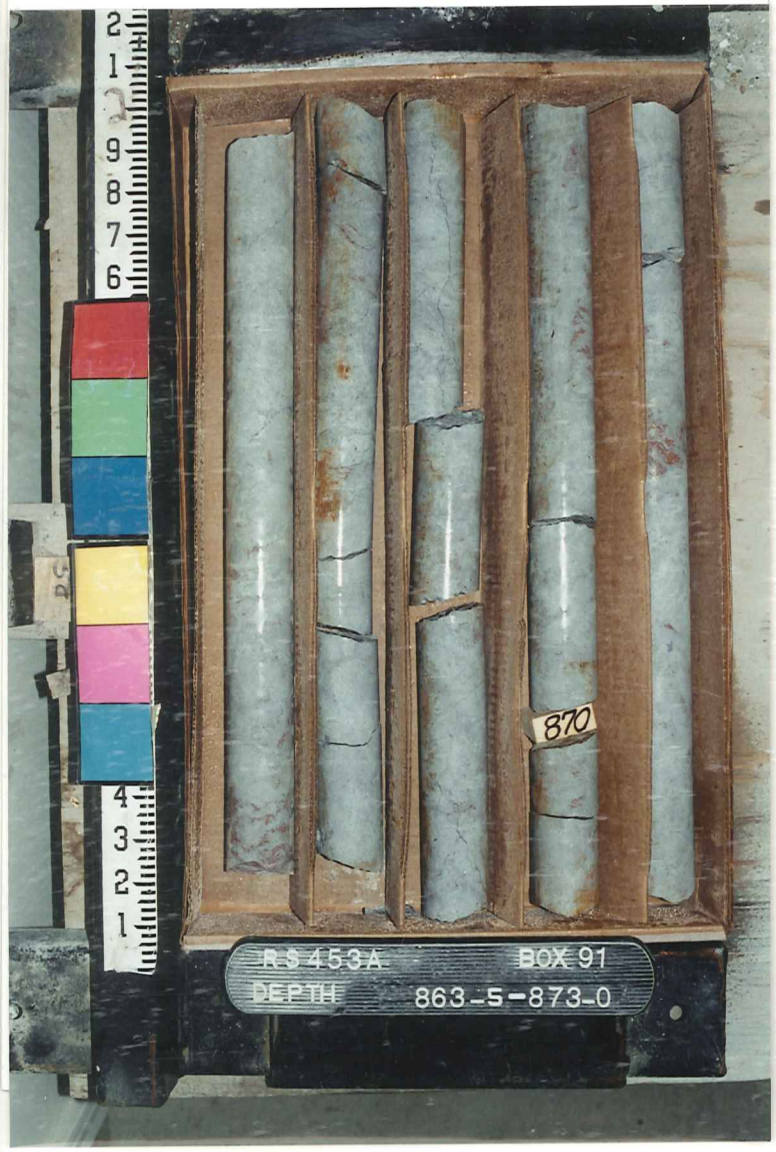
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RS 453A
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DEPTH
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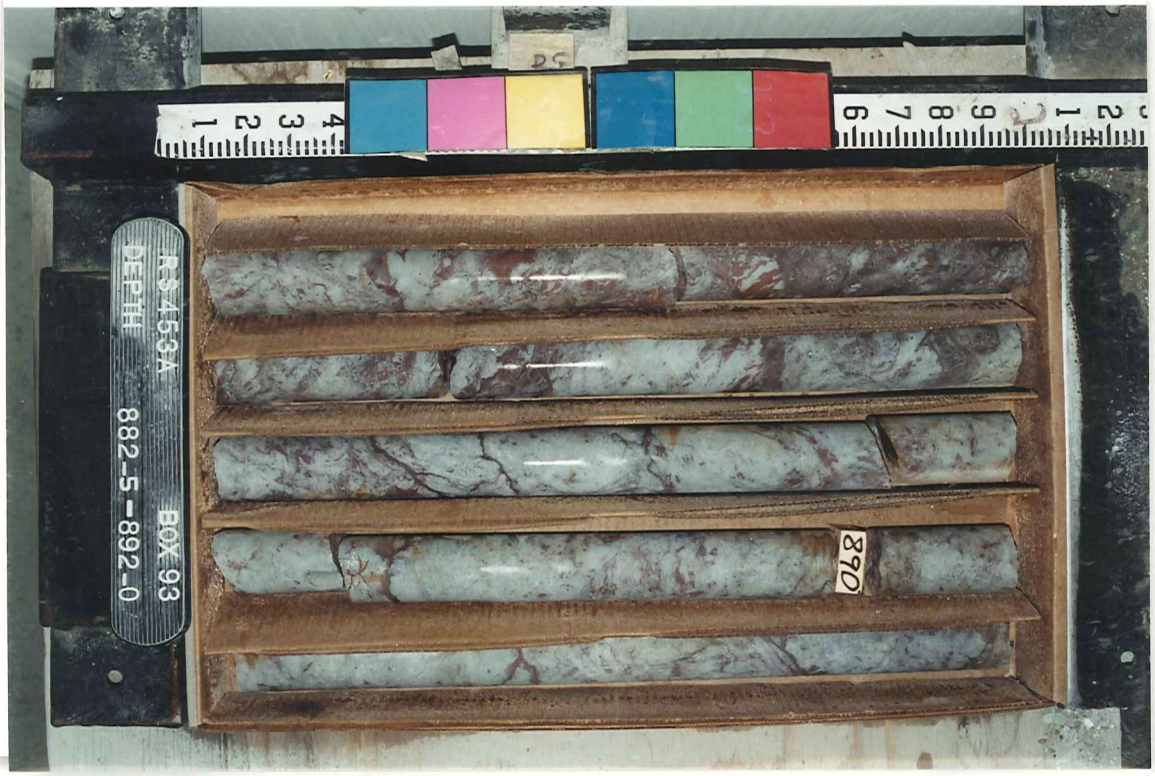
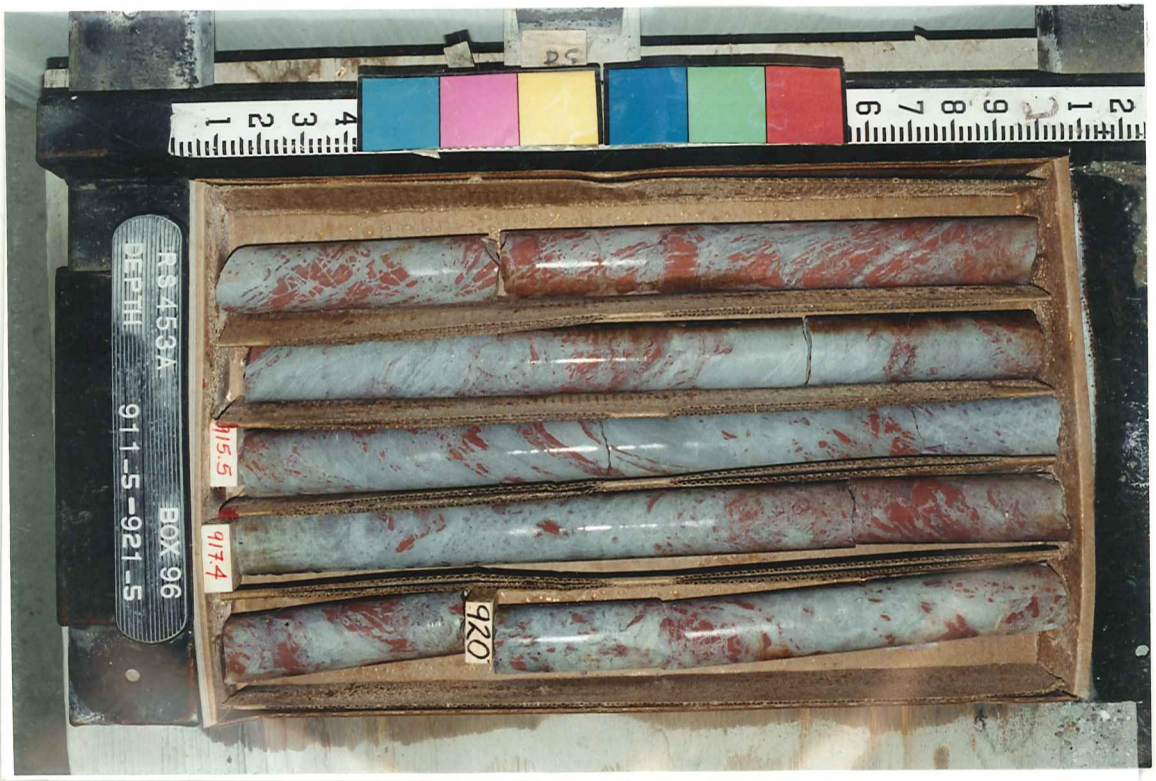

RS 453A
BOX 93
DEPTH
882-5-892-0
890

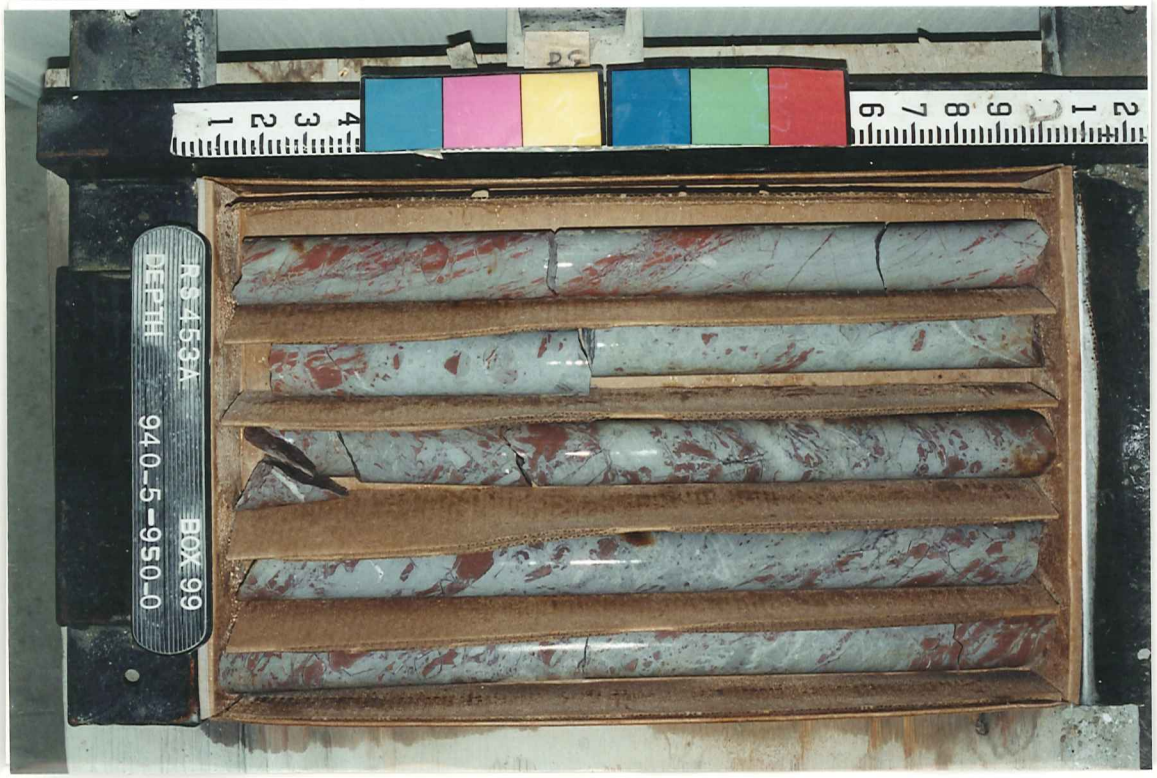
900
RS 453A
BOX 94
DEPTH
892-0-901-5

10'
RS 453A
BOX 95
DEPTH
901-5-911-5


RS 453A
BOX 96
DEPTH
911-5-921-5
915.5
917.4
920

930
RS 453A
BOX 97
DEPTH
921-5-931-0

940
RS 453A
BOX 98
DEPTH
931-0-940-5


RS 453A
BOX 99
DEPTH
940-5-950-0

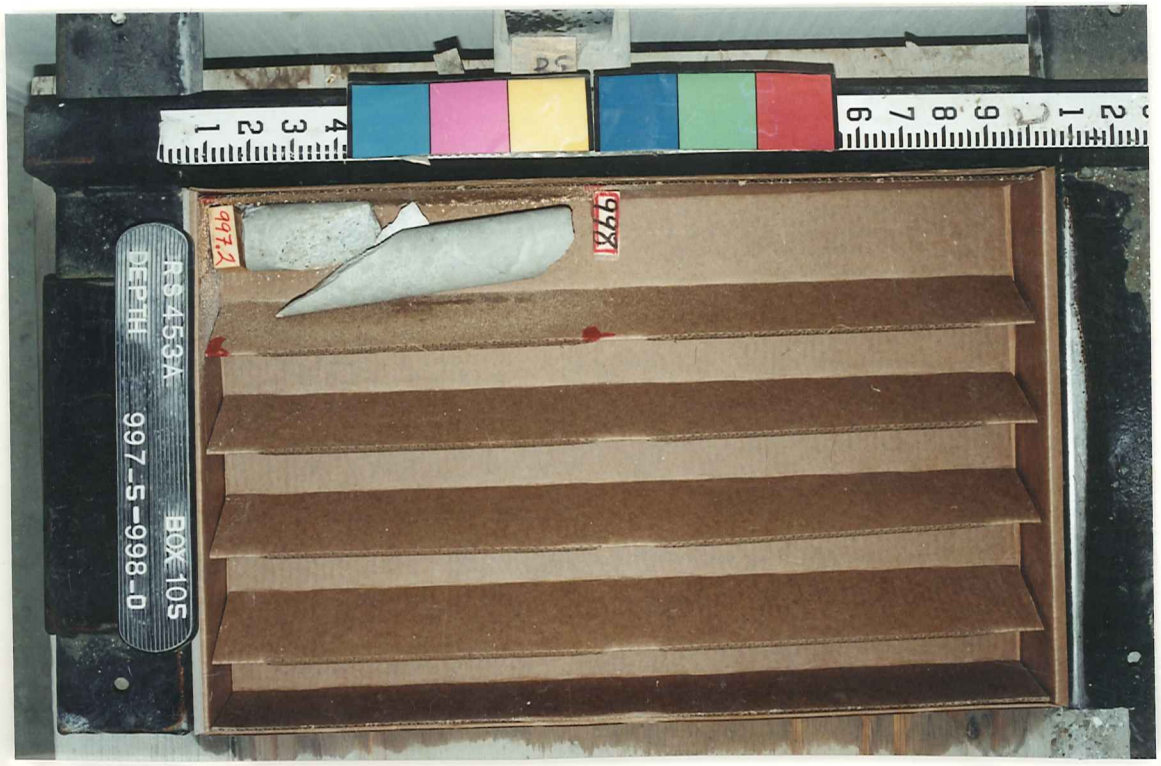
950
RS 453A
BOX 100
DEPTH
950-0-959-5

965.0
960'
968
RS 453A
BOX 101
DEPTH
959-5-969-0

978
RS 453A
BOX 102
DEPTH
969-0-978-5

RS 453A
BOX 103
DEPTH
978-5-988-0

988
RS 453A
BOX 104
DEPTH
988-0-997-5


997.2
998
RS 453A
BOX 105
DEPTH
997-5-998-0