60000574

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-464
AUTHOR	D. School; Rogowski; C. Ballew; R. Vance; K. Child; R. Gray; L.E. Macedo
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; Newmont Gold Co.; Newmont Exploration, Ltd
COMMODITY If not obvious	gold; silver
NOTES	drill logs; geology; assay; total depth 385' handwritten notes; geochemistry; invoice 24p.

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-464

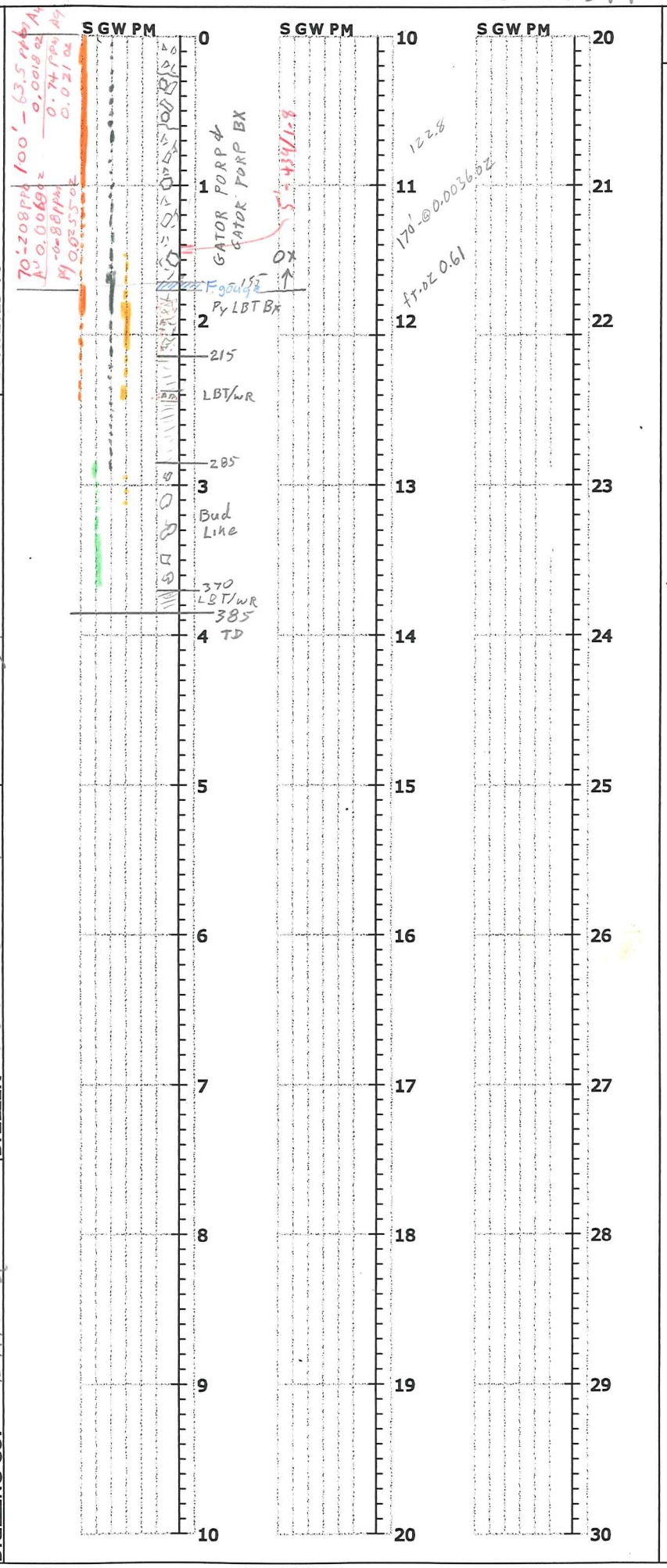
60000574
4010

60000574

ROSEBUD MINING COMPANY, LLC.

Site AX-Gator

HOLE #	RS-464
FINISH HOLE	18 Jun 99
LOGGED BY	Rogowski
T.D	385
ANGLE	-50°
SURVEYED TO	365
START HOLE	17 Jun 99
HOLE TYPE	RC
BEARING	East
PAGE 1 OF	3
COLLAR COORDINATES	
NORTH	2,215,989.0
EAST	480,325.5
ELEV	5,532.9
DRILLER	Don Schoorl
DRILLING CO.	Eklund



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

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

LBT/WR
Epiclastic?

RS-464

Hole# RS-464 **Newmont Gold Rotary Form** **Az/Incl** Eas -50°

Logged by Rogowski **Area** Gator @ Rosebud **Total Depth**

Date 17-18 June 99 **Coords** N- E- El- **Contractor** Eklund

Page 2 of 3

Footage	Formation	Rock type	Color	Au oz/st	Ag oz/st	Graphic	fault	breccia	veln	gouge	Comments	Silic	argillic W	clay Grn	prop	Sericite	Chlorite		FeOX Hem	CO3	Sulfide	Pyrite %	Marcasite	Calc/Dolo	Clay	Jaro-Goet
0		"Gator" Porphyry - Fald, Bio & Fomus	wt, Red, Yell & Brown					X			0 - 25, "Gator" Porp Bx	3	?						1	3			6%			2
								X			Strong silicification, Jaro + Hem & Gu	3	"						1	3						2
								X			Ox py on a few fract. micro to	3	"						2	Tr						3
								X			+10 mm clasts	3	"						2	Tr						2
								X			25	3	1						2							3
											25-60 Prob "Gator" Porp	3	1						2							2
											abt 50% has a fine xln	3	1													
											matrix & silicifices white	3	1													
											Feld Phenos are soft clay alt	3	1													
											matrix is Fxln & very hard	3	1						2							2
50											50	3	1						2							2
												3	1													
											60	3	1													
								X			60-150, "Gator" Bx? w/	3	1													
								—			v.f.xln matrix that is dk red,	3	1													
								=			or brown & becoming orange-	3	1													
								=			red toward 100. ? some of the	2	2													
								=			clasts are v.f.xln. May not	3	1													
								=			be all Bx, but at least 50%	3	1													
											very strong OxFeOx	2	2													
100												3	1						2							2
											Poss. that often 140 clasts	2	1						1	0						2
											are Fxln Aphyric and Gator porp	2	2						1							
											w/ V.Fxln matrix	2	2						1							
												1	2						1							
											* 0 to 165 is all "Gator" Porp.	1	2						1							
												2	2						0							
												1	1						0							
												1	2									0				
												tr	2									Tr				
150											150 ↑ ox down to 150' 150	tr	2							0		0				2
											150-165 Bx w/ Py & a very	2	1							0		3				0
											F.xln matrix that is both porp & aphy.	2	1									2				
											165 and reddish brown. [Prob Gator Porp]	2	1									2				
											170 165-170 Fault gouge (wtclay, w Py)	0	3							0		5				
											170-180, Bx - 50% of frags	2	2									3				
											are micro by. Py is cubic, all	3	2									5				
											clasts are aphyric & clay alt.	3	2									10				
											matrix is Py & silica w/ hem?	3	3									7				
											Prob LBT/WR	3	2									7				
200											180-195, Prob same Bx as 200	2	2									3				
											170-180, matrix is gray silica, clasts	2	2									5				
											are clay wt. Py is very fine diss,	2	2									7				
											hairline veinlets, and massive	2	2									2				
											clusters of cubic xls w/ curved	Tr	1						3			0				
											faces Prob LBT/WR	Tr	1						3			3				
											195-215, same but some		1						3			2				
											Ox frags.		1						2			1				
											215 to 260 maroon, Laminat.,	2	1						2			7				
											Aphyric LBT/WR	2	1						2			7				
250											235 to 245 is 50% micro PyBx &	0	tr						2			0				0

50% maroon LBT

0 - 250

RS 464

RDC2017FIELD.DWG Revised 3/17/98

Hole# RS-464 **Newmont Gold Rotary Form** **Az/Incl** _____ **Page** 3 of 3

Logged by _____ **Area** _____ **Total Depth** _____

Date _____ **Coords** N- E- El- **Contractor** _____

Footage	Litho: Formation	Litho: Rock type	Litho: Color	Au oz/st	Ag oz/st	Graphic	Structure: fault	Structure: breccia	Structure: vein	Structure: gouge	Comments	Alteration: Silic	Alteration: argillic	Alteration: clay	Alteration: prop	Alteration: Sericite	Alteration: Chlorite		Met.: FEOX	Met.: CO3	Met.: Sulfide	Mineralogy: Pyrite %	Mineralogy: Marcasite	Mineralogy: Calc/Dolo	Mineralogy: Clay
250			maroon								215-260 (cont) entire interv.	0	tr						2				%		
											is micro fract w/ hem in	0	tr						2						
											fract		1						0						
											260-290, flow banded LBT/		1						0						
											W.R, gray color is prob clay		1						0						
			gray								alt. Has blk bio		2						0						
											285-290 is green clay alt.		2						0						
											same rock as 260 to 290 or could		0	3					0		tr				
											be Bud like			1					1						
300											290-370, Bx, Possepi.			1					1		tr				
			maroon & purple								Pale green matrix w/ LBT?			1					1	tr	tr				
											clasts making up 10-20%			2					2	tr					
											clasts look like LBT.			1					2	2					
											Bio (blk) in matrix			1					1	1					
														2					1	1					
											Prob a Bud like unit			2						1					
											with in the LBT			3						1					
														3						1					
														3						1					
350														3						1					
			Pale green											3						tr					
														3						1					
											370-385 V.F.xlu, laminated			3						2					
											LBT/WR, Aphyric Rhyo Flow			2						1					
			maroon								prob some very minor clay	0	0	0					2						
											alt.								2						
																			2						
385 TD											385 TD														

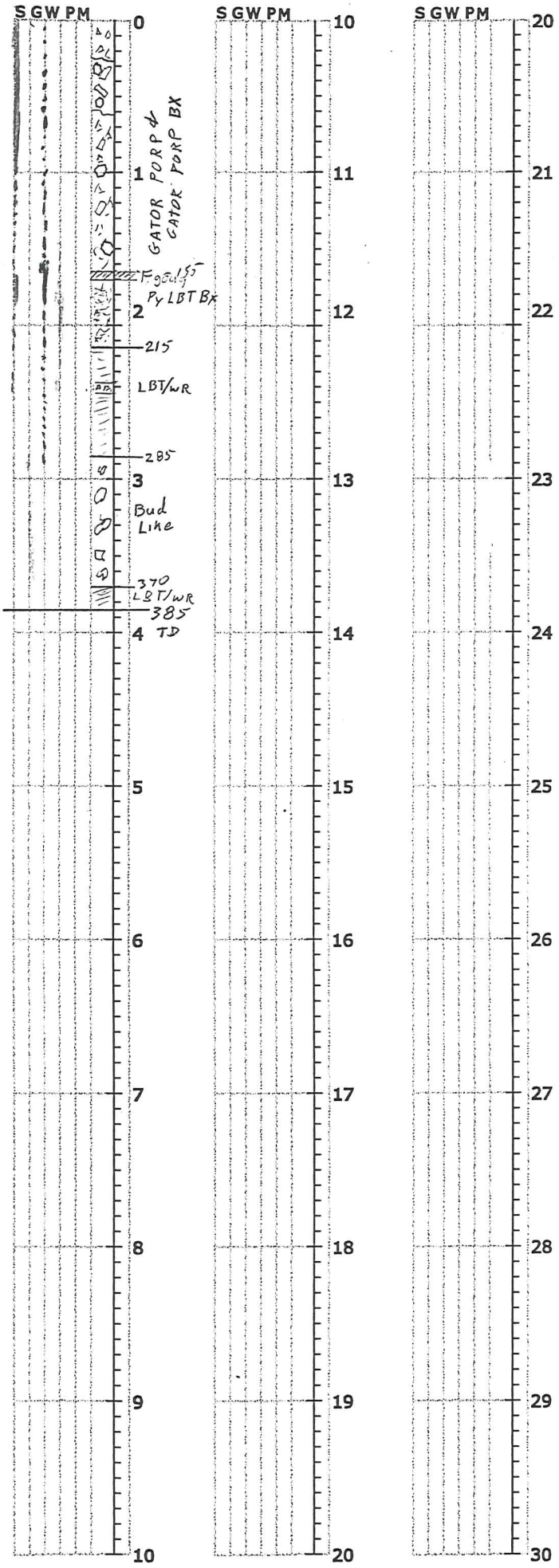
RDCROTFRM.DWG Revised 2/17/98

250-385 TD RS-464

ROSEBUD MINING COMPANY, LLC.

Site AX-Gator

HOLE #	RS-464
START HOLE	17 Jun 99
FINISH HOLE	18 Jun 99
HOLE TYPE	RC
LOGGED BY	Rogowski
BEARING	East
ANGLE	-50°
T.D	385
SURVEYED TO	365
PAGE 1 OF	3
COLLAR COORDINATES	
NORTH	2,215,988.0
EAST	480,325.5
ELEV	5,532.9
DRILLING CO.	Eklund
DRILLER	Don Schoor



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

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

RS-464

Hole# RS-464 **Newmont Gold Rotary Form** **Az/Incl** Eos - -50°

Logged by Rogowski **Area** Gator @ Rosebud **Total Depth**

Date 17-18 June 99 **Coords** N- E- El- **Contractor** EKlund

Page 2 of 3

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 W	Alteration: clay Grn	Alteration: prop	Alteration: Sericite	Alteration: Chlorite	Alteration:	Met.: FeOX Hem	Met.: CO3	Met.: Sulfide	Mineralogy: Pyrite %	Mineralogy: Marcasite	Mineralogy: Calc/Dolo	Mineralogy: Clay	Mineralogy: Jaro-Goet
0		"Gator" Porphyry - Feld, Bio & Fenny wt, Red, Yell & Brown						Y			0 - 25, "Gator" Porp Bx	3	?						1	3			2			2
								Y			Strong silicification, Jaro + Hem + Gen	3	"						1	3						2
								Y			Oxpy on a few fract. micro to	3	"						2	Tr						3
								Y			+10 mm clasts	3	"						2	Tr						2
								Y			25	3	1						2							3
											25-60 Prob Gator Porp	3	1						2							2
											abt 50% has a fine x'ln	3	1													
											matrix & silicifies white	3	1													
											Feld Phenos are soft clay alt	3	1													
50											matrix is F.x'ln & very hard 50	3	1						2							2
												3	1						2							2
											60	3	1													
								Y			60-150, "Gator Bx? w/	3	1													
								—			v.f.x'ln matrix that is dk red,	3	1													
								=			or brown & becoming orange-	3	1													
								=			red toward 100. ? some of the	2	2													
								=			clasts are v.f.x'ln. May not	3	1													
								=			be all Bx, but at least 50%	3	1													
											very strong OxFeOx	2	2													
100												3	1						2							2
											Poss. that often 140 clasts	2	1						1	0						2
											are F.x'ln Aphyric and Gator porp	2	2						1							
											w/ v.F.x'ln matrix	2	2						1							
												1	2						1							
											* 0 to 165 is all "Gator" Porp.	1	2						1							
												2	2						0							
												1	1						0							
												1	2									0				
							?					Tr	2									Tr				
150											150 ↑ Ox down to 150' 150	Tr	2							0		0				1
											150-165 Bx w/ Py & a very	2	1							0		3				0
											F.x'ln matrix that is both porp & aphy.	2	1									2				
											165 and reddish brown. (Prob Gator Porp)	2	1									2				
							X				170 165-170 Fault gouge (wt clay, w Py)	0	3							0		5				
											170-180, Bx - 50% of frags	2	2									3				
											are micro by, Py is cubic, all	3	2									5				
											clasts are aphyric & clay alt.	3	2									10				
											matrix is Py & silica w/ hem?	3	3									7				
											Prob LBT/WR	3	2									7				
200											180-195, Prob same Bx as 200	2	2									3				
											170-180, matrix is gray silica, clasts	2	2									5				
											are clay & wt. Py is very fine dis,	2	2									7				
											hairline veinlets, and massive	2	2									2				
											clusters of cubic x'ls w/ curved	Tr	1						3			0				
											faces Prob LBT/WR	Tr	1						3			3				
											195-215, same but some		1						3			2				
											Ox frags		1						2			1				
											215 to 260 maroon, Laminat.,	2	1						2			7				
											Aphyric LBT/WR	2	1						2			7				
250											235 to 245 is 50% micro PyBx &	0	Tr						2			0				0

50% maroon LBT

0 - 250

RS 464

RSCBOTTFIELDBRG Revised 3/17/98

Hole# RS-464 **Newmont Gold Rotary Form** **Az/Incl** _____ **Page** 3 of 3

Logged by _____ **Area** _____ **Total Depth** _____

Date _____ **Coords** N- E- El- **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
250			maroon								215-260 (cont) entire interv.	0	tr						2				2		
											is micro fract w/ hem in	0	tr						2						
											fract		1						0						
											260-290, flow banded LBT/		1						0						
											WR, gray color is prob clay		1						0						
			gray								alt. Has blk bio		2						0						
											285-290 is green clay alt.		2						0						
											same rock as 260 to 290 or could		0	3					0		tr				
											be Bud like			1					1						
300											290-370, Bx, Poss epi. c 300			1					1		tr				
			maroon								Pale green matrix w/ LBT?			1					1	tr	tr				
											clasts making up 10-20%			2					2	tr					
											clasts look like LBT.			1					2	2					
											Bio (blk) in matrix			1					1	1					
														2					1	1					
											Prob a Bud like unit			2						1					
											with in the LBT			3						1					
														3						1					
														3						1					
350														3						1					
			Pale green											3						tr					
														3						1					
											370-385 V.F.xlu, luminated			3						2					
											LBT/wf, Aphyric Rhyo Flow			2						1					
			maroon								prob some very minor clay	0	0	0					2						
											alt.								2						
																			2						
385 TD											385 TD														

RDCROTFRM.DWG Revised 3/17/98

250-385 RS-464

xAMERICAN ASSAY LABORATORIES
ANALYSIS REPORT SP053885

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-464 RECEIVED : 21 JUN 1999

No. SAMPLES : 78 REPORTED : 20 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 SP053885

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-464

REPORTED : 20 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-464 000-005	172	180	0.005	0.005	0.9	0.03
RS-464 005-010	56		0.002		<0.5	<0.02
RS-464 010-015	61		0.002		0.5	<0.02
RS-464 015-020	39		0.001		<0.5	<0.02
RS-464 020-025	28		<0.001		<0.5	<0.02
RS-464 025-030	8		<0.001		<0.5	<0.02
RS-464 030-035	131	146	0.004	0.004	0.8	0.02
RS-464 035-040	30		<0.001		<0.5	<0.02
RS-464 040-045	58		0.002		0.7	0.02
RS-464 045-050	59		0.002		1.2	0.04
RS-464 050-055	29		<0.001		0.5	<0.02
RS-464 055-060	36		0.001		<0.5	<0.02
RS-464 060-065	92		0.003		1.0	0.03
RS-464 065-070	151		0.004		1.2	0.04
RS-464 070-075	58		0.002		1.0	0.03
RS-464 075-080	50		0.001		1.7	0.05
RS-464 080-085	52		0.002		1.1	0.03
RS-464 085-090	32		<0.001		1.1	0.03
RS-464 090-095	61		0.002		1.3	0.04
RS-464 095-100	62		0.002		<0.5	<0.02
RS-464 100-105	156		0.005		0.5	<0.02
RS-464 105-110	309	322	0.009	0.009	1.0	0.03
RS-464 110-115	95		0.003		<0.5	<0.02
RS-464 115-120	152		0.004		0.6	<0.02
RS-464 120-125	225	200	0.007	0.006	0.9	0.03

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP053885

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-464

REPORTED : 20 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-464 125-130	119		0.003		0.9	0.03
RS-464 130-135	165		0.005		<0.5	<0.02
RS-464 135-140	315		0.009		1.0	0.03
RS-464 140-145	439		0.013		1.8	0.05
RS-464 145-150	92		0.003		<0.5	<0.02
RS-464 150-155	114		0.003		0.7	0.02
RS-464 155-160	257		0.007		1.8	0.05
RS-464 160-165	256		0.007		4.3	0.13
RS-464 165-170	216		0.006		3.4	0.10
RS-464 170-175	48		0.001		<0.5	<0.02
RS-464 175-180	18		<0.001		<0.5	<0.02
RS-464 180-185	21		<0.001		<0.5	<0.02
RS-464 185-190	26		<0.001		<0.5	<0.02
RS-464 185-190B	6390		0.186		1.1	0.03
RS-464 190-195	<5		<0.001		<0.5	<0.02
RS-464 195-200	<5		<0.001		<0.5	<0.02
RS-464 200-205	16		<0.001		<0.5	<0.02
RS-464 205-210	20		<0.001		<0.5	<0.02
RS-464 210-215	<5		<0.001		<0.5	<0.02
RS-464 215-220	<5		<0.001		<0.5	<0.02
RS-464 220-225	<5		<0.001		<0.5	<0.02
RS-464 225-230	<5		<0.001		<0.5	<0.02
RS-464 230-235	<5		<0.001		<0.5	<0.02
RS-464 235-240	6		<0.001		<0.5	<0.02
RS-464 240-245	<5		<0.001		<0.5	<0.02

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP053885

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-464

REPORTED : 20 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-464 245-250	<5		<0.001		<0.5	<0.02
RS-464 250-255	<5		<0.001		<0.5	<0.02
RS-464 255-260	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-464 260-265	<5		<0.001		<0.5	<0.02
RS-464 265-270	<5		<0.001		<0.5	<0.02
RS-464 270-275	<5		<0.001		<0.5	<0.02
RS-464 275-280	<5		<0.001		1.6	0.05
RS-464 280-285	<5		<0.001		<0.5	<0.02
RS-464 285-290	<5		<0.001		1.1	0.03
RS-464 290-295	<5		<0.001		<0.5	<0.02
RS-464 295-300	<5		<0.001		0.5	<0.02
RS-464 300-305	<5		<0.001		<0.5	<0.02
RS-464 305-310	<5		<0.001		<0.5	<0.02
RS-464 310-315	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-464 315-320	<5		<0.001		<0.5	<0.02
RS-464 320-325	<5		<0.001		<0.5	<0.02
RS-464 325-330	<5		<0.001		<0.5	<0.02
RS-464 330-335	<5		<0.001		<0.5	<0.02
RS-464 335-340	<5		<0.001		<0.5	<0.02
RS-464 340-345	<5		<0.001		<0.5	<0.02
RS-464 345-350	<5		<0.001		<0.5	<0.02
RS-464 350-355	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-464 355-360	<5		<0.001		<0.5	<0.02
RS-464 360-365	7		<0.001		<0.5	<0.02
RS-464 365-370	<5		<0.001		<0.5	<0.02

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP053885

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-464

REPORTED : 20 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-464 370-375	<5		<0.001		<0.5	<0.02
RS-464 375-380	<5		<0.001		<0.5	<0.02
RS-464 380-385	<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:	SP053885
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-464 000-020	0.9	1.02	53	11	179	< 3	0.31	< .2	3	18	12	3.12	904	0.54	21	0.12	103	5	0.05	12	0.017	15	15	9	76	10	0.01	< 8	22	< 2	24
RS-464 020-040	0.4	0.67	29	6	98	< 3	0.12	< .2	1	14	7	2.08	165	0.35	21	0.02	50	3	0.05	8	0.006	8	8	6.2	23	11	< .01	< 8	10	< 2	11
RS-464 040-060	0.4	0.75	39	7	127	< 3	0.11	< .2	1	16	7	2.4	109	0.41	20	0.03	77	4	0.05	10	0.006	10	10	9.2	22	11	< .01	< 8	8	< 2	16
RS-464 060-080	1	0.76	57	6	180	< 3	0.1	< .2	1	18	8	2.59	406	0.5	17	0.02	70	5	0.05	11	0.005	22	12	15.1	25	10	< .01	< 8	4	< 2	14
RS-464 080-100	0.8	0.8	64	6	187	< 3	0.09	< .2	1	14	6	3.14	76	0.5	18	0.02	61	5	0.04	8	0.008	10	12	12.6	24	11	< .01	< 8	5	< 2	8
RS-464 100-120	0.6	0.61	118	< 3	286	< 3	0.1	< .2	2	16	8	3.88	529	0.34	24	0.02	49	15	0.03	10	0.021	22	27	14.6	33	13	< .01	< 8	4	< 2	13
RS-464 120-140	1	0.59	54	6	175	< 3	0.1	< .2	1	10	10	2.72	8916	0.29	22	0.02	39	7	0.03	5	0.006	19	19	33.1	18	12	< .01	< 8	4	< 2	10
RS-464 140-160	1.3	0.87	44	5	111	< 3	0.11	< .2	4	6	7	2.58	6968	0.18	20	0.02	41	4	0.03	5	0.005	14	19	67.8	28	11	< .01	8	3	< 2	14
RS-464 160-180	1.7	1.27	80	4	51	< 3	0.14	1	7	10	5	2.93	1248	0.15	21	0.03	58	5	0.03	7	0.018	11	15	9.9	65	6	< .01	17	3	< 2	59
RS-464 180-200	< .3	0.88	56	3	49	< 3	0.08	< .2	8	7	4	2.94	940	0.1	21	0.01	54	1	0.02	5	0.021	6	11	1.3	83	6	< .01	< 8	1	< 2	11
RS-464 200-220	0.3	1.07	58	3	79	< 3	0.18	< .2	6	7	4	2.83	1255	0.1	22	0.06	83	3	0.03	4	0.02	5	9	0.1	95	6	0.01	< 8	2	< 2	43
RS-464 220-240	< .3	1.21	17	5	67	< 3	0.36	< .2	7	7	2	2.49	563	0.13	20	0.11	382	1	0.04	5	0.022	3	4	0.1	56	7	0.02	< 8	3	< 2	134
RS-464 240-260	0.3	1.22	5	4	184	< 3	0.69	0.6	7	7	3	2.47	299	0.17	28	0.1	377	1	0.05	4	0.041	5	3	0.4	79	8	0.03	8	3	< 2	189
RS-464 260-280	0.5	1.13	2	4	413	< 3	1.14	0.2	3	7	4	1.92	41	0.16	23	0.13	615	1	0.09	3	0.04	< 3	< 3	< .1	89	7	0.02	< 8	2	< 2	110
RS-464 280-300	0.4	1.63	2	4	163	< 3	1.69	0.3	3	5	4	1.84	47	0.15	25	0.25	1628	< 1	0.09	3	0.035	7	< 3	< .1	154	7	0.01	< 8	1	< 2	63
RS-464 300-320	0.4	1.41	3	3	168	< 3	1.55	0.3	3	14	14	2.13	35	0.16	27	0.19	798	2	0.08	13	0.031	10	< 3	< .1	156	7	< .01	< 8	2	< 2	51
RS-464 320-340	0.3	1.46	3	4	111	< 3	2.05	0.2	3	9	5	1.87	36	0.16	28	0.19	885	1	0.08	9	0.041	12	< 3	< .1	185	6	< .01	< 8	2	< 2	67
RS-464 340-360	0.5	1.65	2	5	103	< 3	2.25	0.4	2	9	5	1.31	19	0.12	27	0.21	871	< 1	0.09	7	0.043	14	3	< .1	234	6	< .01	< 8	3	< 2	42
RS-464 360-380	0.4	0.84	5	3	45	< 3	0.91	< .2	4	34	12	3	63	0.14	36	0.12	497	3	0.07	30	0.031	8	< 3	< .1	104	9	0.01	< 8	22	< 2	66
RS-464 380-385	0.4	0.51	3	3	40	< 3	0.35	< .2	4	32	9	3.32	7	0.16	45	0.08	290	4	0.08	24	0.029	< 3	< 3	< .1	32	13	0.03	< 8	35	2	59
STANDARD C3/DS2	6	1.84	58	21	152	21	0.58	23.5	14	170	65	3.41	269	0.16	19	0.63	781	26	0.04	37	0.088	34	16	2.3	29	19	0.1	21	82	20	165
STANDARD G-2	< .3	0.94	< 2	4	221	< 3	0.64	0.3	5	78	3	2.02	< 5	0.45	8	0.61	540	1	0.07	8	0.093	< 3	< 3	< .1	70	5	0.14	< 8	40	2	41

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 0053985-IN
INVOICE DATE: 07/21/99

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-464	ROSEBUD	NET 30 - DUE IN U.S. DOLLARS

QUANTITY	DESCRIPTION	PRICE	AMOUNT
78	SAMPLES RECEIVED	.00	.00
1	NO PREPARATION REQUIRED	.00	.00
77	DRYING	1.00	77.00
77	JAW CRUSHING CHARGE	1.30	100.10
77	SPLITTING CHARGE	1.20	92.40
77	FINE MILLING CHARGE	2.00	154.00
78	Au (1 A.T. FIRE ASSAY)	8.00	624.00
78	HYDROCHLORIC/NITRIC DIGESTION	2.00	156.00
78	Ag ANALYSES	1.00	78.00
76	COMPOSITE CHARGE	1.00	76.00
20	MULTI-ELEMENT ICP PACKAGE	9.80	196.00
20	Se ANALYSES	7.15	143.00

$ 1102.72

COPY

INVOICE:	1,696.50
DISCOUNT:	593.78
FREIGHT:	.00
INVOICE TOTAL:	1,102.72

CUSTOMER----------: NEWMONT GOLD COMPANY
MINE SITE----------: ROSEBUD
HOLE NO.----------: RS 464
DATE----------: 6/18/99

SILVER STATE SURVEYS, INC.

Kent Child
==========
Survey Certified By

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

PROJECTED DEPTH--: 340-400

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	-50.27	91.97	0.00	0.00	0.00	0.00	0.00	95.8
50	38.47	31.94	-50.31	91.05	-0.84	31.93	0.59	31.94	91.51	95.8
100	76.97	63.84	-50.38	94.04	-2.26	63.80	1.90	63.84	92.03	95.8
150	115.83	95.28	-51.63	94.11	-4.49	95.18	1.25	95.28	92.70	95.8
200	154.97	126.39	-51.41	94.57	-6.85	126.20	0.36	126.39	93.11	94.9
250	194.41	157.11	-52.74	91.71	-8.54	156.88	2.20	157.11	93.12	94.0
300	234.13	187.48	-52.42	95.41	-10.44	187.19	0.38	187.48	93.19	92.3
340	266.12	211.47	-53.81	95.29	-12.67	211.09	0.78	211.47	93.44	91.4
350	274.20	217.37	-53.83	95.45	-13.23	216.97	0.10	217.37	93.49	
400	314.60	246.81	-53.98	95.50	-16.04	246.29	0.13	246.81	93.73	

Survey File: RS 464

Customer: NEWMONT

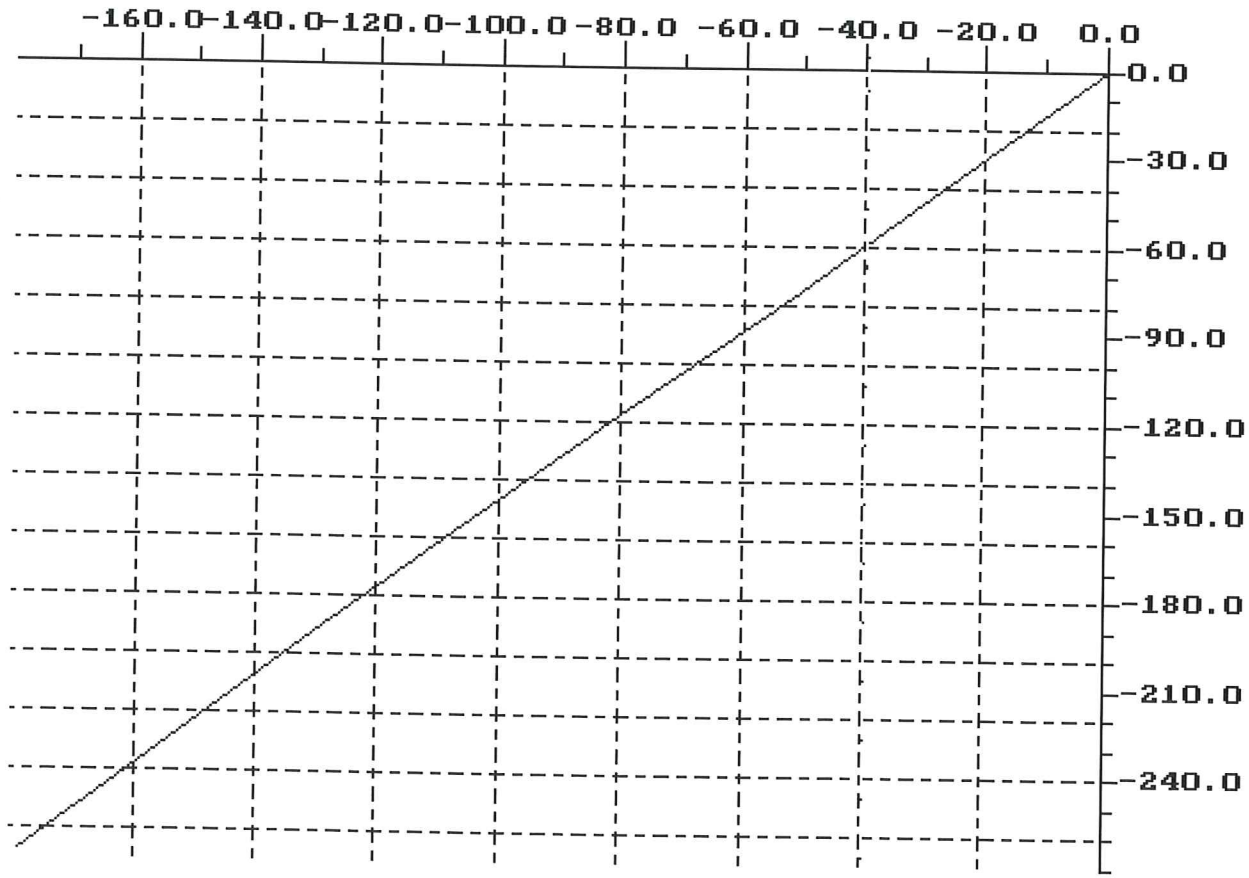
VERTICAL PROJECTION

Section direction: 305.0

Starting from 0.0 E/W 0.0 N/S

Time: 11:02:56

Date: 6-18-99



Horiz Data Max: 0.0

Horiz Data Min: -178.5

(scale in feet)

Vert Data Max: 0.0

Vert Data Min: -266.1

HORIZONTAL PROJECTION

Survey File: RS 464

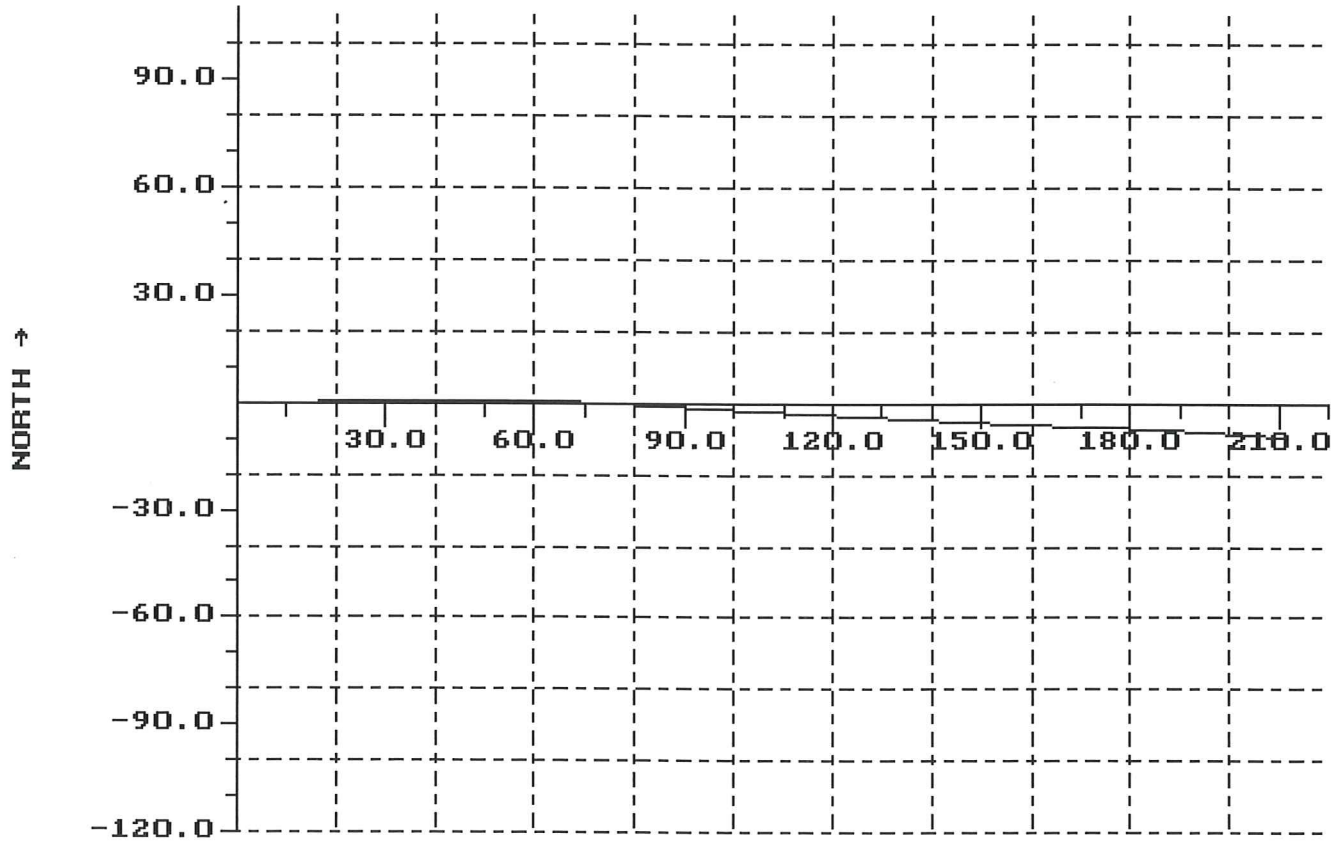
Customer: NEWMONT

Starting from 0.0 E/W 0.0 N/S

Bottom closure direction: 92.7

Time: 11:02:56

Date: 6-18-99



E/W Data Max: 211.0

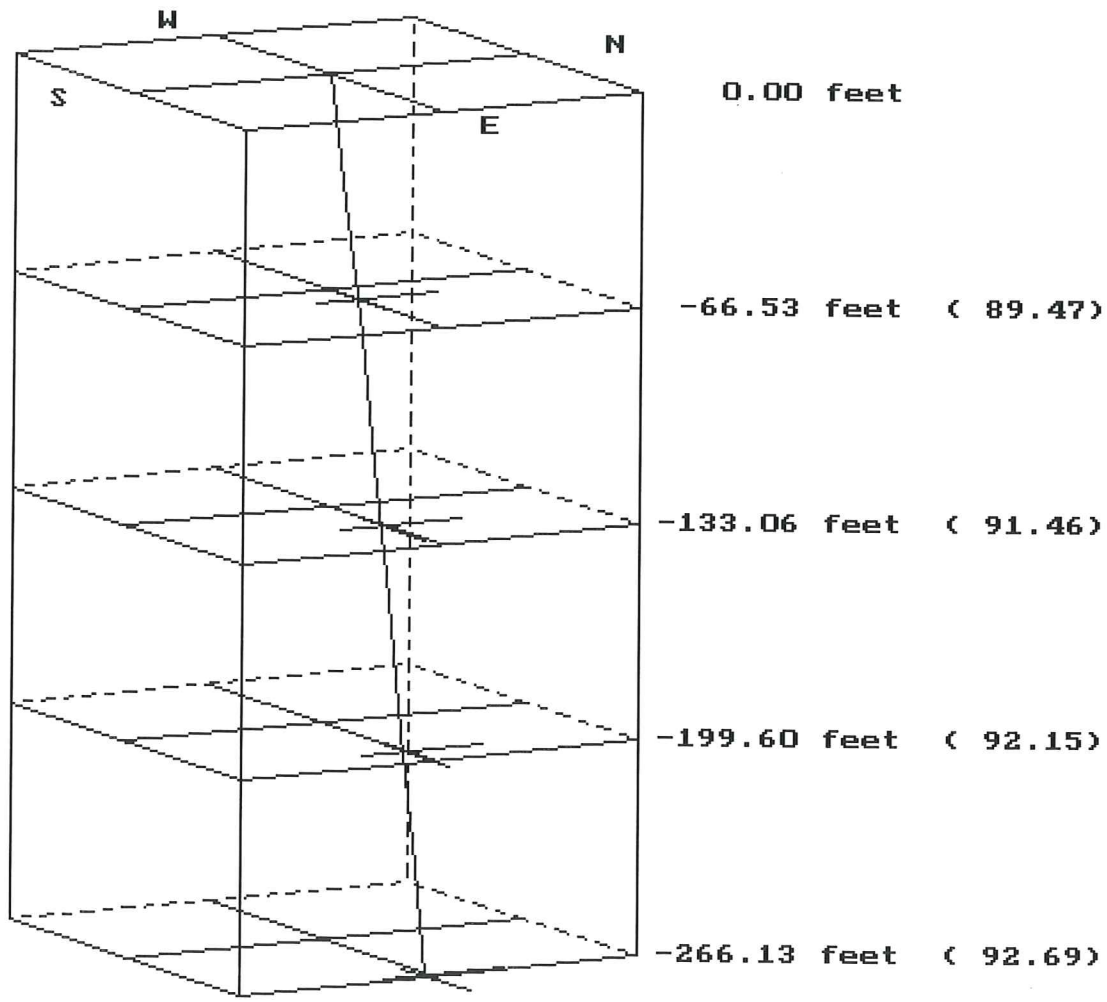
E/W Data Min: 0.0

(scale in feet)

N/S Data Max: 0.5

N/S Data Min: -9.9

3D PROJECTION



Survey File: RS 464
Customer: NEWMONT
Date: 6-18-99
Time: 11:02:56

RS 464	0	91.97	-50.27
RS 464	50	91.05	-50.31
RS 464	100	94.04	-50.38
RS 464	150	94.11	-51.63
RS 464	200	94.57	-51.41
RS 464	250	91.71	-52.74
RS 464	300	95.41	-52.42
RS 464	340	95.29	-53.81
RS 464	350	95.45	-53.83
RS 464	400	95.50	-53.98

SP

SUBMITTAL FORM

American Assay Laboratories

Geochemical • Environmental • Metallurgical

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

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

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

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

Other Offices
Lima, Peru
Santiago, Chile
Mendoza, Argentina

Company: Newmont Gold Co.

Address: 861 W. 6th St

City Winnemucca State NV Zip 89445

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

Project Name: Rosebud Purchase Order Number: _____

Date Submitted: 20 Jan 99 Number of Samples: 77 + 1 standard

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

SAMPLE IDENTIFICATION	TYPE	ELEMENTS REQUIRED
RS-~~463~~ 464	RC	FA 30 Au, Ag D210 every sample
0 - 385 I.D.		
		ICP 20ft Composites:
		AAL 1/2 + Se
1 Standard 190 B		0-20, 20-40 etc
		to 360-380

PEEL HERE

G 0 3 - 176

G 0 3 - 176
189 - 190

COARSE REJECTS (Normally Discarded After 60 Days)

[ ] Return COD after analysis complete

PULPS (Normally Stored Free For One Month)

[ ] Discard after one month

[X] Return COD after one month

RESULTS AND INVOICES TO BE SENT TO:

Invoice to:

Charlotte Ballew, Winn

Results to:

Randy Vance, Winn.

Charlotte Ballew, Winn.

Comments:

Newmont Standard Prep.

CLIENT FILE COPY

Eklund Drilling Company, Inc.
P.O. Box 2748 Elko, Nevada 89803
Ph. (702) 738-1980 Fax: (702) 753-9229

Client Newmont

Date 6-18-99 Shift Day

Drill # 46 Water Trk. # 44

Pickup # 45 ATV #

Booster # 111 Hours Used 10

Aux. Comp. # Hours Used

Hole # 464-465 (Angle 50° TO /Vertical) (TD@)
(Use a New Log When You Start a New Hole)

Hours Equipment Repair

Mob./Demob. Miles Hours

Location Rosebud

Footage End Shift 0-305

Footage Start Shift 25-385

Footage Drilled 665

Hours Drilled 10

Hours Hauling Water During Shift # of loads

Hours Hauling Water After Shift # of loads

Hours Casing 1/2 Hours Cementing

Hours Hole Abandonment 1

Actual Hours Moving Between Holes

Hours Standby 1/2 Hours Cat Work

Hours Other Total Hours 12
(Circle All Items Chargeable To Client)

Hole Condition Log

From	To	Condition/Code
5		

CONDITION CODE
1. Clay
2. Swelling Clay
3. Alluvium
4. Fractured Ground
5. Abrasive Rock
6. Hard Rock
7. Cavities
8. Caving Ground
9. Encountered Water
10. Hammer Drilling
11. Rock Bit Drilling

Comments:

Materials Used

DRILL BITS (new)

Size	Type	Hole #	Ser. #	Manuf.
1	wiper	Rubber		

DRILL BITS (previously used and billed to client)

Size	Type	Hole #	Ser. #	Manuf.

DRILLING MATERIALS

Description	# of Sacks	Size	Hole #

ABANDONMENT MATERIALS

Description	# of Sacks	Size	Hole #
Abandonite	10	50lb	464
Cement	2	94lb	

CASING

Size	Type	Hole #

(Circle All Items Chargeable To Client)

Driller Von School

Helper Rich Gray

Helper

Approved By:

RS 464
1" = 200'

RS-464

CLIENT: *NEWMONT GOLD COMPANY*
CLIENT REF: ROSEBUD EXPLORATION
AAL REF: SP053885
METHOD: AAL 01-2 + Se

-50° E. 464

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-464 000-020	0.9	1.02	53	11	179	< 3	0.31	< .2	3	18	12	3.12	904	0.54	21	0.12	103	5	0.05	12	0.017	15	15	9	76	10	0.01	< 8	22	< 2	24
RS-464 020-040	0.4	0.67	29	6	98	< 3	0.12	< .2	1	14	7	2.08	165	0.35	21	0.02	50	3	0.05	8	0.006	8	8	6.2	23	11	< .01	< 8	10	< 2	11
RS-464 040-060	0.4	0.75	39	7	127	< 3	0.11	< .2	1	16	7	2.4	109	0.41	20	0.03	77	4	0.05	10	0.006	10	10	9.2	22	11	< .01	< 8	8	< 2	16
RS-464 060-080	1	0.76	57	6	180	< 3	0.1	< .2	1	18	8	2.59	405	0.5	17	0.02	70	5	0.05	11	0.005	22	12	15.1	25	10	< .01	< 8	4	< 2	14
RS-464 080-100	0.8	0.8	64	6	187	< 3	0.09	< .2	1	14	6	3.14	76	0.5	18	0.02	61	5	0.04	8	0.008	10	12	12.6	24	11	< .01	< 8	5	< 2	8
RS-464 100-120	0.6	0.61	118	< 3	286	< 3	0.1	< .2	2	16	8	3.88	529	0.34	24	0.02	49	15	0.03	10	0.021	22	27	14.6	33	13	< .01	< 8	4	< 2	13
RS-464 120-140	1	0.59	54	6	175	< 3	0.1	< .2	1	10	10	2.72	8916	0.29	22	0.02	39	7	0.03	5	0.006	19	19	33.1	18	12	< .01	< 8	4	< 2	10
RS-464 140-160	1.3	0.87	44	5	111	< 3	0.11	< .2	4	6	7	2.58	6968	0.18	20	0.02	41	4	0.03	5	0.005	14	19	67.8	28	11	< .01	8	3	< 2	14
RS-464 160-180	1.7	1.27	80	4	51	< 3	0.14	1	7	10	5	2.93	1248	0.15	21	0.03	58	5	0.03	7	0.018	11	15	9.9	65	6	< .01	17	3	< 2	59
RS-464 180-200	< .3	0.88	56	3	49	< 3	0.08	< .2	8	7	4	2.94	940	0.1	21	0.01	54	1	0.02	5	0.021	6	11	1.3	83	6	< .01	< 8	1	< 2	11
RS-464 200-220	0.3	1.07	58	3	79	< 3	0.18	< .2	6	7	4	2.83	1255	0.1	22	0.06	83	3	0.03	4	0.02	5	9	0.1	95	6	0.01	< 8	2	< 2	43
RS-464 220-240	< .3	1.21	17	5	67	< 3	0.36	< .2	7	7	2	2.49	563	0.13	20	0.11	382	1	0.04	5	0.022	3	4	0.1	56	7	0.02	< 8	3	< 2	134
RS-464 240-260	0.3	1.23	5	4	184	< 3	0.69	0.6	7	7	3	2.47	299	0.17	28	0.1	377	1	0.05	4	0.041	5	3	0.4	79	8	0.03	8	3	< 2	189
RS-464 260-280	0.5	1.13	2	4	413	< 3	1.14	0.2	3	7	4	1.92	41	0.16	23	0.13	615	1	0.09	3	0.04	< 3	< 3	< .1	89	7	0.02	< 8	2	< 2	110
RS-464 280-300	0.4	1.63	2	4	163	< 3	1.69	0.3	3	5	4	1.84	47	0.15	25	0.25	1628	< 1	0.09	3	0.035	7	< 3	< .1	154	7	0.01	< 8	1	< 2	63
RS-464 300-320	0.4	1.41	3	3	168	< 3	1.55	0.3	3	14	14	2.13	35	0.16	27	0.19	798	2	0.08	13	0.031	10	< 3	< .1	156	7	< .01	< 8	2	< 2	51
RS-464 320-340	0.3	1.46	3	4	111	< 3	2.05	0.2	3	9	5	1.87	36	0.16	28	0.19	885	1	0.08	9	0.041	12	< 3	< .1	185	6	< .01	< 8	2	< 2	67
RS-464 340-360	0.5	1.65	2	5	103	< 3	2.25	0.4	2	9	5	1.31	19	0.12	27	0.21	871	< 1	0.09	7	0.043	14	3	< .1	234	6	< .01	< 8	3	< 2	42
RS-464 360-380	0.4	0.84	5	3	45	< 3	0.91	< .2	4	34	12	3	63	0.14	36	0.12	497	3	0.07	30	0.031	8	< 3	< .1	104	9	0.01	< 8	22	< 2	66
RS-464 380-385	0.4	0.51	3	3	40	< 3	0.35	< .2	4	32	9	3.32	7	0.16	45	0.08	290	4	0.08	24	0.029	< 3	< 3	< .1	32	13	0.03	< 8	35	2	59
STANDARD C3/DS2	6	1.84	58	21	152	21	0.58	23.5	14	170	65	3.41	269	0.16	19	0.63	781	26	0.04	37	0.088	34	16	2.3	29	19	0.1	21	82	20	165
STANDARD G-2	< .3	0.94	< 2	4	221	< 3	0.64	0.3	5	78	3	2.02	< 5	0.45	8	0.61	540	1	0.07	8	0.093	< 3	< 3	< .1	70	5	0.14	< 8	40	2	41