60000581

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-471
AUTHOR	R. Vance; C. Ballew; D.B Hansen; D. Schaal; P.S Butterfield; R. Palkovits; C. Huron; R. Gray
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.; Chance Area Newmont Mining Corp.
COMMODITY If not obvious	gold; silver
NOTES	drill logs; geology; assay; total depth 1115'; geochemistry 38p.

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 3/19/09
Initials Date

DB: _____
Initials Date

SCANNED: _____
Initials Date

Revised: 1/22/08

RS-471 (Charle Grea)

66660581
4010

60000581

ROSEBUD MINING COMPANY, LLC.

START HOLE	7-13-99
FINISH HOLE	7-15?-99
HOLE #	RS-471
HOLE TYPE	RC
LOGGED BY	P.S. Butterfield
BEARING	Vert.
ANGLE	Vert.
T.D	1115'
PAGE 1 OF	1
SURVEYED TO	600' (Silverstate)
COLLAR COORDINATES	
NORTH	
EAST	
ELEV	
DRILLER	
DRILLING CO.	Eklund.

Water started @ 340' @ 30 gpm
Increased steadily to 70 gpm by 450'.
Used lots of foam for hammer bit.
600', 70-75 gpm. by 800', > 100 g/m.

S G W P M

Fault

Fill

Tmr

337'

Tbr

mixed

860'

Ts? (seds)?

945'

Tdz

1115' TD

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

745½ Fe Ox (terra cotta)

BARRINGER LABORATORIES INC.

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5301 LONGLEY LANE
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RENO, NEVADA 89511
PHONE: (775) 828-1158

18-Aug-99

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

Attn: Randy Vance
Project: RS-471

Received: 19-Jul-99 14:21
PO #:

Job: 992907R

Status: Final

Sample Type: Chip

Sample Id	Au FA/AA ppb
RS-471 5	198
RS-471 10	1164
RS-471 15	286
RS-471 20	96
RS-471 25	156
RS-471 30	233
RS-471 35	110
RS-471 40	149
RS-471 45	172
RS-471 50	110
RS-471 55	95
RS-471 60	73
RS-471 65	83
RS-471 70	136
RS-471 75	34
RS-471 80	<2
RS-471 85	<2
RS-471 90	<2
RS-471 95	<2
RS-471 100	<2

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Sample Id	Au FA/AA ppb
RS-471 105	<2
RS-471 110	<2
RS-471 115	<2
RS-471 120	2
RS-471 125	<2
RS-471 130	44
RS-471 135	39
RS-471 140	65
RS-471 145	16
RS-471 150	131
RS-471 155	<2
RS-471 160	86
RS-471 165	121
RS-471 170	53
RS-471 175	22
RS-471 180	12
RS-471 185	109
RS-471 190	96
RS-471 195	273
RS-471 200	188

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Sample Id	Au FA/AA ppb
RS-471 205	127
RS-471 210	156
RS-471 215	135
RS-471 220	174
RS-471 225	165
RS-471 230	99
RS-471 235	148
RS-471 240	88
RS-471 245	94
RS-471 250	148
RS-471 255	222
RS-471 260	194
RS-471 265	145
RS-471 270	22
RS-471 275	19
RS-471 280	8
RS-471 285	61
RS-471 290	121
RS-471 295	85
RS-471 300	81

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Sample Id	Au FA/AA ppb
RS-471 305	143
RS-471 310	95
RS-471 315	141
RS-471 320	132
RS-471 325	258
RS-471 330	131
RS-471 335	75
RS-471 340	98
RS-471 345	66
RS-471 350	96
RS-471 355	212
RS-471 360	336
RS-471 365	138
RS-471 370	121
RS-471 375	249
RS-471 380	365
RS-471 385	179
RS-471 390	90
RS-471 395	216
RS-471 400	159

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Sample Id	Au FA/AA ppb
RS-471 405	44
RS-471 410	51
RS-471 415	37
RS-471 420	11
RS-471 425	12
RS-471 430	80
RS-471 435	24
RS-471 440	7
RS-471 445	6
RS-471 450	12
RS-471 455	<2
RS-471 460	2
RS-471 STD 460	<2
RS-471 465	126
RS-471 470	<2
RS-471 475	<2
RS-471 480	<2
RS-471 485	<2
RS-471 490	<2
RS-471 495	4

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Sample Id	Au FA/AA ppb
RS-471 500	3
RS-471 505	4
RS-471 510	3
RS-471 515	3
RS-471 520	<2
RS-471 525	<2
RS-471 530	7
RS-471 535	5
RS-471 540	3
RS-471 545	4
RS-471 550	<2
RS-471 555	5
RS-471 560	<2
RS-471 STD 560B	13219
RS-471 565	15
RS-471 570	16
RS-471 575	20
RS-471 580	22
RS-471 585	13
RS-471 590	12

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Sample Id	Au FA/AA ppb
RS-471 595	17
RS-471 600	38
RS-471 605	32
RS-471 610	11
RS-471 615	13
RS-471 620	33
RS-471 STD 620B	1017
RS-471 625	49
RS-471 630	42
RS-471 635	24
RS-471 640	17
RS-471 645	10
RS-471 650	75
RS-471 655	39
RS-471 660	19
RS-471 665	49
RS-471 670	13
RS-471 675	15
RS-471 680	33
RS-471 685	7

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Sample Id	Au FA/AA ppb
RS-471 690	<2
RS-471 695	62
RS-471 700	16
RS-471 705	19
RS-471 710	22
RS-471 715	20
RS-471 720	26
RS-471 725	23
RS-471 730	66
RS-471 735	20
RS-471 740	11
RS-471 745	33
RS-471 750	27
RS-471 755	11
RS-471 760	12
RS-471 765	8
RS-471 770	13
RS-471 775	3
RS-471 780	13
RS-471 785	21

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Sample Id	Au FA/AA ppb
RS-471 790	8
RS-471 795	18
RS-471 800	7
RS-471 805	5
RS-471 810	2
RS-471 815	2
RS-471 820	16
RS-471 825	5
RS-471 830	8
RS-471 835	6
RS-471 840	18
RS-471 845	14
RS-471 850	23
RS-471 855	14
RS-471 860	49
RS-471 860-880	16
RS-471 880-900	9
RS-471 900-920	16
RS-471 920-940	3
RS-471 940-960	3

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Sample Id	Au FA/AA ppb
RS-471 960-980	<2
RS-471 980-1000	5
RS-471 1000-1020	3
RS-471 1020-1040	3
RS-471 1040-1060	6
RS-471 1060-1080	<2
RS-471 1080-1100	6
RS-471 1100-1110	5

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RS-471 0-20	0.1	4.62	<2	319	120	<1	0.08
RS-471 20-40	0.1	5.98	<2	29	133	<1	0.07
RS-471 40-60	<0.1	6.41	<2	29	152	<1	0.05
RS-471 60-80	<0.1	5.94	<2	18	546	<1	0.05
RS-471 80-100	<0.1	7.16	<2	11	288	<1	0.06
RS-471 100-120	<0.1	7.04	<2	10	275	<1	0.05
RS-471 120-140	<0.1	6.56	<2	22	265	<1	0.02
RS-471 140-160	<0.1	6.18	<2	19	250	<1	0.02
RS-471 160-180	0.1	6.19	<2	23	213	<1	0.01
RS-471 180-200	0.1	6.24	<2	21	70	<1	0.03
RS-471 200-220	0.1	6.06	<2	21	70	<1	0.03
RS-471 220-240	0.1	6.36	<2	21	96	<1	0.05
RS-471 240-260	0.1	6.10	<2	21	65	<1	0.04
RS-471 260-280	0.1	6.27	<2	19	305	<1	0.04
RS-471 280-300	0.1	6.30	<2	22	70	<1	0.04
RS-471 300-320	<0.1	6.35	<2	19	81	<1	0.05
RS-471 320-340	0.1	6.47	<2	23	91	<1	0.04
RS-471 340-360	<0.1	4.25	<2	14	102	<1	0.03
RS-471 360-380	0.1	4.33	<2	18	164	<1	0.05
RS-471 380-400	0.1	4.57	<2	12	107	<1	0.05

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Sample Type: Chip

Sample Id	Ag 3 ACID ICP ppm	Al 3 ACID ICP %	As 3 ACID ICP ppm	B 3 ACID ICP ppm	Ba 3 ACID ICP ppm	Bi 3 ACID ICP ppm	Ca 3 ACID ICP %
RS-471 400-420	0.1	5.33	<2	14	186	<1	0.11
RS-471 420-440	0.1	4.42	<2	13	110	<1	0.12
RS-471 440-460	<0.1	3.86	<2	18	72	<1	0.12
RS-471 460-480	0.1	3.41	<2	13	56	<1	0.09
RS-471 480-500	<0.1	3.64	<2	13	62	<1	0.11
RS-471 500-520	0.1	3.93	<2	14	67	<1	0.10
RS-471 520-540	0.1	3.58	<2	13	62	<1	0.09
RS-471 540-560	<0.1	3.79	<2	15	79	<1	0.11
RS-471 560-580	0.1	3.77	<2	17	135	<1	0.04
RS-471 580-600	0.1	3.86	<2	14	108	<1	0.04
RS-471 600-620	<0.1	3.44	<2	14	35	<1	0.06
RS-471 620-640	0.1	3.19	<2	10	52	<1	0.05
RS-471 640-660	0.1	3.13	<2	11	72	<1	0.06
RS-471 660-680	0.1	3.59	<2	12	84	<1	0.06
RS-471 680-700	0.1	3.33	<2	14	46	<1	0.08
RS-471 700-720	0.1	3.07	<2	13	48	<1	0.10
RS-471 720-740	<0.1	3.68	<2	12	56	<1	0.10
RS-471 740-760	<0.1	3.74	<2	12	47	<1	0.08
RS-471 760-780	<0.1	3.99	<2	13	52	<1	0.11
RS-471 780-800	<0.1	4.43	<2	15	54	<1	0.12

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RS-471 800-820	0.1	4.00	<2	13	55	<1	0.12
RS-471 820-840	0.1	3.63	<2	12	47	<1	0.09
RS-471 840-860	<0.1	3.65	<2	17	58	<1	0.12
RS-471 860-880	<0.1	4.76	<2	59	37	<1	0.13
RS-471 880-900	<0.1	3.48	<2	33	42	<1	0.07
RS-471 900-920	<0.1	4.79	<2	46	31	<1	0.11
RS-471 920-940	<0.1	2.94	<2	42	34	<1	0.12
RS-471 940-960	<0.1	4.39	<2	23	67	<1	0.12
RS-471 960-980	<0.1	5.21	<2	18	52	<1	0.12
RS-471 980-1000	<0.1	3.66	<2	13	41	<1	0.10
RS-471 1000-1020	<0.1	4.26	<2	23	40	<1	0.09
RS-471 1020-1040	0.1	4.16	<2	16	81	<1	0.08
RS-471 1040-1060	0.1	4.34	<2	29	78	<1	0.08
RS-471 1060-1080	0.1	3.95	<2	15	38	<1	0.10
RS-471 1080-1100	0.1	4.53	<2	16	54	<1	0.13
RS-471 1100-1110	0.1	3.98	<2	13	45	<1	0.10

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RS-471 0-20	<0.5	<1	14	65	3.51	2.319	0.40	<2
RS-471 20-40	<0.5	<1	18	4	3.28	4.151	0.51	4
RS-471 40-60	<0.5	<1	16	5	3.42	4.123	0.44	4
RS-471 60-80	<0.5	<1	8	3	2.02	2.448	0.70	4
RS-471 80-100	<0.5	2	4	3	0.65	0.172	0.75	2
RS-471 100-120	<0.5	<1	2	3	0.69	0.129	0.74	2
RS-471 120-140	<0.5	<1	<1	3	2.46	0.309	0.77	3
RS-471 140-160	<0.5	<1	<1	3	1.99	1.245	0.68	4
RS-471 160-180	<0.5	<1	<1	2	2.73	1.160	0.73	3
RS-471 180-200	<0.5	<1	7	3	2.29	2.562	0.38	3
RS-471 200-220	<0.5	<1	1	3	2.51	2.748	0.50	2
RS-471 220-240	<0.5	6	40	3	2.57	2.748	0.19	11
RS-471 240-260	<0.5	20	18	3	2.60	4.237	0.21	4
RS-471 260-280	<0.5	1	7	3	2.12	1.847	0.66	4
RS-471 280-300	<0.5	<1	17	3	2.55	2.419	0.47	3
RS-471 300-320	<0.5	<1	50	6	2.30	2.892	0.26	7
RS-471 320-340	<0.5	<1	76	5	2.87	2.978	0.19	5
RS-471 340-360	<0.5	<1	132	7	1.72	3.350	0.21	21
RS-471 360-380	<0.5	<1	115	9	2.43	13.599	0.21	18
RS-471 380-400	<0.5	<1	116	9	1.35	11.452	0.31	13

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RS-471 400-420	<0.5	<1	46	6	1.41	1.746	0.74	9
RS-471 420-440	<0.5	<1	49	5	1.20	0.825	0.61	5
RS-471 440-460	<0.5	<1	24	67	1.86	0.429	0.59	<2
RS-471 460-480	<0.5	<1	58	3	1.21	0.481	0.54	<2
RS-471 480-500	<0.5	<1	63	4	1.34	0.401	0.56	<2
RS-471 500-520	<0.5	<1	58	9	1.47	0.266	0.56	<2
RS-471 520-540	<0.5	<1	56	5	1.33	0.203	0.53	<2
RS-471 540-560	<0.5	<1	68	5	1.42	0.178	0.51	2
RS-471 560-580	<0.5	<1	40	19	1.85	0.252	0.51	2
RS-471 580-600	<0.5	<1	2	52	1.56	0.744	0.57	3
RS-471 600-620	<0.5	<1	3	50	1.56	0.945	0.59	2
RS-471 620-640	<0.5	<1	59	2	0.91	1.145	0.57	2
RS-471 640-660	<0.5	<1	33	2	1.04	0.664	0.54	3
RS-471 660-680	<0.5	<1	35	2	1.09	0.699	0.54	3
RS-471 680-700	<0.5	<1	18	2	1.37	0.344	0.53	<2
RS-471 700-720	<0.5	<1	22	3	1.29	0.601	0.53	<2
RS-471 720-740	<0.5	<1	29	3	1.29	0.624	0.55	<2
RS-471 740-760	<0.5	<1	20	3	1.31	0.435	0.58	<2
RS-471 760-780	<0.5	<1	17	3	1.33	0.258	0.60	<2
RS-471 780-800	<0.5	<1	22	3	1.51	0.366	0.68	<2

BARRINGER LABORATORIES INC.

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GOLDEN, COLORADO 80401
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BUILDING E, SUITE 178
RENO, NEVADA 89511
PHONE: (775) 828-1158

18-Aug-99

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

Attn: Randy Vance
Project: RS-471

Received: 19-Jul-99 14:21
PO #:

Job: 992907R

Status: Final

Sample Type: Chip

Sample Id	Cd 3 ACID ICP ppm	Co 3 ACID ICP ppm	Cr 3 ACID ICP ppm	Cu 3 ACID ICP ppm	Fe 3 ACID ICP %	Hg HYG ppm	K 3 ACID ICP %	La 3 ACID ICP ppm
RS-471 800-820	<0.5	<1	26	9	1.38	0.200	0.62	<2
RS-471 820-840	<0.5	<1	30	3	1.32	0.286	0.56	<2
RS-471 840-860	<0.5	<1	41	5	1.84	0.206	0.58	<2
RS-471 860-880	<0.5	37	221	60	7.06	0.699	0.66	<2
RS-471 880-900	<0.5	22	166	40	3.90	1.151	0.46	<2
RS-471 900-920	<0.5	32	223	56	5.58	1.575	0.67	<2
RS-471 920-940	<0.5	35	214	54	5.17	0.922	0.69	<2
RS-471 940-960	<0.5	1	72	11	2.69	0.143	0.70	<2
RS-471 960-980	<0.5	<1	35	4	1.97	0.149	0.83	<2
RS-471 980-1000	<0.5	<1	25	3	1.41	0.132	0.58	<2
RS-471 1000-1020	<0.5	<1	17	169	2.68	0.132	0.60	<2
RS-471 1020-1040	<0.5	<1	7	70	1.83	0.183	0.58	5
RS-471 1040-1060	<0.5	<1	4	52	1.87	0.281	0.60	3
RS-471 1060-1080	<0.5	<1	3	35	1.65	0.137	0.65	<2
RS-471 1080-1100	<0.5	<1	28	15	1.71	0.172	0.68	<2
RS-471 1100-1110	<0.5	<1	15	17	1.40	0.115	0.60	<2

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Status: Final

Sample Type: Chip

Sample Id	Mg 3 ACID ICP %	Mn 3 ACID ICP ppm	Mo 3 ACID ICP ppm	Na 3 ACID ICP %	Ni 3 ACID ICP ppm	P 3 ACID ICP ppm	Pb 3 ACID ICP ppm	Sb 3 ACID ICP ppm
RS-471 0-20	0.01	109	6	5.40	5	319	20	40
RS-471 20-40	0.01	10	2	6.07	3	204	10	29
RS-471 40-60	<0.01	10	8	5.58	3	259	13	30
RS-471 60-80	<0.01	14	4	5.24	3	112	10	17
RS-471 80-100	<0.01	29	1	5.77	3	124	5	9
RS-471 100-120	<0.01	20	<1	5.51	2	139	6	9
RS-471 120-140	<0.01	3	4	5.49	4	176	9	13
RS-471 140-160	<0.01	9	4	4.85	2	108	7	8
RS-471 160-180	<0.01	37	3	4.70	2	94	9	9
RS-471 180-200	<0.01	18	2	4.99	2	39	8	20
RS-471 200-220	<0.01	30	<1	5.06	2	75	8	12
RS-471 220-240	0.01	16	3	7.25	3	112	6	19
RS-471 240-260	<0.01	42	<1	4.95	3	73	7	19
RS-471 260-280	<0.01	44	<1	4.84	2	117	8	7
RS-471 280-300	<0.01	38	1	4.90	3	79	6	10
RS-471 300-320	0.01	39	2	4.92	3	108	7	13
RS-471 320-340	<0.01	49	4	4.88	4	130	9	15
RS-471 340-360	<0.01	38	11	4.63	6	69	12	21
RS-471 360-380	0.01	117	11	4.55	6	132	13	19
RS-471 380-400	0.01	111	6	4.68	5	51	12	16

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Status: Final

Sample Type: Chip

Sample Id	Mg 3 ACID ICP %	Mn 3 ACID ICP ppm	Mo 3 ACID ICP ppm	Na 3 ACID ICP %	Ni 3 ACID ICP ppm	P 3 ACID ICP ppm	Pb 3 ACID ICP ppm	Sb 3 ACID ICP ppm
RS-471 400-420	<0.01	468	3	5.37	4	3	10	7
RS-471 420-440	<0.01	291	5	5.44	3	2	7	6
RS-471 440-460	<0.01	570	4	5.44	3	13	16	5
RS-471 460-480	<0.01	416	4	5.58	4	8	9	4
RS-471 480-500	<0.01	471	4	5.44	4	13	9	5
RS-471 500-520	<0.01	547	3	5.39	4	1	10	6
RS-471 520-540	<0.01	648	3	5.52	3	12	10	6
RS-471 540-560	<0.01	538	5	5.11	3	3	10	7
RS-471 560-580	<0.01	389	2	4.90	3	4	11	10
RS-471 580-600	<0.01	147	3	5.11	3	<1	15	9
RS-471 600-620	<0.01	32	4	4.89	3	7	14	8
RS-471 620-640	<0.01	13	6	4.47	4	<1	8	10
RS-471 640-660	0.01	11	4	4.88	3	5	8	11
RS-471 660-680	0.01	301	5	4.77	3	5	8	10
RS-471 680-700	<0.01	639	4	5.50	3	2	9	6
RS-471 700-720	<0.01	495	5	5.20	3	17	13	6
RS-471 720-740	<0.01	315	7	5.63	3	9	9	6
RS-471 740-760	<0.01	310	4	5.70	3	9	9	6
RS-471 760-780	<0.01	355	3	5.44	3	6	10	6
RS-471 780-800	<0.01	371	4	5.22	3	10	11	5

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Sample Id	Mg 3 ACID ICP %	Mn 3 ACID ICP ppm	Mo 3 ACID ICP ppm	Na 3 ACID ICP %	Ni 3 ACID ICP ppm	P 3 ACID ICP ppm	Pb 3 ACID ICP ppm	Sb 3 ACID ICP ppm
RS-471 800-820	<0.01	361	4	5.19	6	3	11	5
RS-471 820-840	<0.01	332	5	5.55	5	1	9	6
RS-471 840-860	<0.01	347	3	5.34	10	73	9	4
RS-471 860-880	0.01	1397	5	6.26	73	1036	19	<2
RS-471 880-900	0.01	702	8	5.71	45	686	14	2
RS-471 900-920	0.01	990	16	6.22	67	913	16	9
RS-471 920-940	<0.01	786	3	5.96	68	1020	18	<2
RS-471 940-960	<0.01	466	2	5.63	16	157	13	4
RS-471 960-980	<0.01	505	2	5.64	7	7	10	6
RS-471 980-1000	<0.01	359	2	5.34	5	22	8	5
RS-471 1000-1020	<0.01	435	2	5.76	5	12	30	6
RS-471 1020-1040	<0.01	363	2	5.57	4	14	17	6
RS-471 1040-1060	<0.01	389	2	5.82	4	13	16	8
RS-471 1060-1080	<0.01	424	2	5.71	4	20	14	6
RS-471 1080-1100	<0.01	459	2	5.53	5	19	12	6
RS-471 1100-1110	<0.01	337	2	5.78	4	12	11	5

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Attn: Randy Vance
Project: RS-471

Received: 19-Jul-99 14:21

PO #:

Job: 992907R

Status: Final

Sample Type: Chip

Sample Id	Se 3 ACID ICP ppm	Sr 3 ACID ICP ppm	Ti 3 ACID ICP %	Tl 3 ACID ICP ppm	V 3 ACID ICP ppm	W 3 ACID ICP ppm	Zn 3 ACID ICP ppm
RS-471 0-20	<0.5	71	0.10	<0.5	12	<1	32
RS-471 20-40	<0.5	79	0.11	<0.5	5	<1	28
RS-471 40-60	<0.5	127	0.11	<0.5	5	<1	26
RS-471 60-80	<0.5	51	0.10	<0.5	3	<1	22
RS-471 80-100	<0.5	33	0.12	<0.5	<2	<1	40
RS-471 100-120	<0.5	32	0.12	<0.5	2	<1	42
RS-471 120-140	<0.5	22	0.12	<0.5	2	<1	24
RS-471 140-160	<0.5	22	0.09	<0.5	<2	<1	17
RS-471 160-180	<0.5	33	0.09	<0.5	2	<1	21
RS-471 180-200	<0.5	23	0.08	<0.5	<2	<1	23
RS-471 200-220	<0.5	30	0.08	<0.5	2	<1	28
RS-471 220-240	<0.5	85	0.09	<0.5	2	<1	52
RS-471 240-260	<0.5	49	0.08	<0.5	<2	<1	99
RS-471 260-280	<0.5	43	0.08	<0.5	<2	<1	58
RS-471 280-300	<0.5	61	0.08	<0.5	<2	<1	48
RS-471 300-320	<0.5	116	0.08	<0.5	<2	<1	77
RS-471 320-340	<0.5	144	0.07	<0.5	2	<1	120
RS-471 340-360	<0.5	37	0.03	<0.5	2	<1	54
RS-471 360-380	3.0	36	0.03	<0.5	3	<1	65
RS-471 380-400	1.5	27	0.03	1.9	2	<1	62

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861 W. 6TH STREET
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PO #:

Job: 992907R

Status: Final

Sample Type: Chip

Sample Id	Se 3 ACID ICP ppm	Sr 3 ACID ICP ppm	Ti 3 ACID ICP %	Tl 3 ACID ICP ppm	V 3 ACID ICP ppm	W 3 ACID ICP ppm	Zn 3 ACID ICP ppm
RS-471 400-420	<0.5	13	0.04	5.4	2	<1	78
RS-471 420-440	<0.5	11	0.03	2.2	2	<1	63
RS-471 440-460	<0.5	11	0.03	3.1	2	<1	63
RS-471 460-480	<0.5	9	0.03	2.5	2	<1	60
RS-471 480-500	<0.5	10	0.03	2.8	2	<1	63
RS-471 500-520	<0.5	11	0.03	2.4	2	<1	64
RS-471 520-540	<0.5	12	0.03	2.3	2	<1	59
RS-471 540-560	<0.5	10	0.03	3.6	2	<1	82
RS-471 560-580	<0.5	7	0.03	2.2	2	<1	55
RS-471 580-600	<0.5	9	0.03	1.3	2	<1	82
RS-471 600-620	<0.5	11	0.03	1.0	<2	<1	71
RS-471 620-640	<0.5	10	0.03	3.3	3	<1	93
RS-471 640-660	<0.5	10	0.03	1.9	2	<1	48
RS-471 660-680	<0.5	10	0.03	1.2	3	<1	60
RS-471 680-700	<0.5	12	0.03	3.4	3	<1	66
RS-471 700-720	<0.5	15	0.03	<0.5	3	<1	66
RS-471 720-740	<0.5	16	0.03	<0.5	3	<1	60
RS-471 740-760	<0.5	16	0.03	2.1	3	<1	56
RS-471 760-780	<0.5	18	0.03	2.7	3	<1	72
RS-471 780-800	<0.5	22	0.04	1.7	3	<1	71

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Sample Type: Chip

Sample Id	Se 3 ACID ICP ppm	Sr 3 ACID ICP ppm	Ti 3 ACID ICP %	Tl 3 ACID ICP ppm	V 3 ACID ICP ppm	W 3 ACID ICP ppm	Zn 3 ACID ICP ppm
RS-471 800-820	<0.5	22	0.03	3.6	3	<1	71
RS-471 820-840	<0.5	19	0.03	2.0	4	<1	59
RS-471 840-860	<0.5	18	0.06	<0.5	15	<1	62
RS-471 860-880	<0.5	20	0.38	<0.5	163	<1	91
RS-471 880-900	<0.5	11	0.26	<0.5	93	<1	54
RS-471 900-920	<0.5	14	0.36	<0.5	129	<1	80
RS-471 920-940	<0.5	17	0.38	<0.5	135	<1	66
RS-471 940-960	<0.5	22	0.09	<0.5	34	<1	85
RS-471 960-980	<0.5	19	0.05	3.8	9	<1	83
RS-471 980-1000	<0.5	18	0.03	<0.5	5	<1	64
RS-471 1000-1020	<0.5	22	0.04	<0.5	4	<1	71
RS-471 1020-1040	<0.5	32	0.03	<0.5	6	<1	83
RS-471 1040-1060	<0.5	31	0.04	0.6	5	<1	78
RS-471 1060-1080	<0.5	19	0.04	2.5	5	<1	72
RS-471 1080-1100	<0.5	31	0.04	1.6	6	<1	80
RS-471 1100-1110	<0.5	27	0.03	3.0	4	<1	64

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Abbreviations:

Parameters:

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

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

Methods:

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

Units:

ppb	: Parts per billion
ppm	: Parts per million
%	: percent

Quality codes:

<	: Less than

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

Job approved by:

Signed: Douglas B. H.....

Douglas B. Hensen
Richard Grondin

Newmont Gold Rotary Form

Hole# RS-471 **Logged by** P.J. Butterfield **Date** 7-12-99

Area Chance **Coords** [illegible]

Az/Incl Vert. **Total Depth** 1115' **Contractor** Eklund (O. Schaal)

Start 340' - 30 gpm. @ increasing to ~70 gpm by 400' using lots of foam.

~3% contamination from 360' on.

Comments

Fill material

Fg. massive Rhy w/ variable altn. SiO2 is Lt. grey. - mostly flooding vnlts.

45 clay balls

50 1pc Dk. grey py + qtz. clay balls

Is there alunite mixed w/ this?? - note pale greenish color + mod. hardness. uniform txt. Grey clay stkwrk

Small, SiO2 flooding area w/ clay altn Halo.

FeOx is Lim.

Plain, massive rhy.

xtlln. py in vnlts. + thin stringers. m-Dk grey SiO2 - w/ disem py.

xtlln py (cubes) - v. thin vnlts w/ assoc. qtz. 210' has larger SiO2/py vnlt w/ white clay.

most SiO2 is flooding. Some veining. mod py vemlets w/ SiO2. xtlln & dissem. py clays poorly dev.

clay altn w/ chips being mod. altd & given Lt. green hue. xtlln py w/ SiO2

xtlln py. vnlts. w. SiO2 flooding - most accompanying py.

Increasing altn intens.

white clay zone.

minor v fg xtlln py dissem. w/ qtz. Banding accented by SiO2 345-355 - Beginning FeOx

Lt - Med. grey + clear qtz vnlts + micro bx cutting 'popcorn' txt Rhy. vemlets also form stkwrk, Limonite FeOx coating on all.

Decreasing SiO2 @ 390-395'

Lt-m. grey SiO2 microbx, Some dk grey SiO2 vnlts. py dissem

SiO2 more dissem, some vnlt + micro bx. py. dissem

Silicous Rhy w/ Lt. grey SiO2 flood bx/dissem/paddy. xtlln py dispersed throughout + vnlts (sparse)

Pervasive + minor vnlt SiO2. py vnlts + 'scales' (flat clusters)

Weakly altd, Silicous, banded rhy. Locally (minor) stronger clay + sparse stronger SiO2

405 is strongest, weakening to 495 where SiO2 ~3, C-2 vnlt + perv. SiO2 in Silicous rhy. SiO2 mostly Lt-m grey. Ok to brown/black SiO2 + Py vnlts (Thin). Note: Silvery grey (musc?) assoc w/ Darkest vnlts, 470-480, weakest of intvl.

SiO2 bands + vnlts - Lt-m. grey. Some Dk. vnlts @ 495 > Minor white clay on fracts. Begin Uniform zone (see 500'+)

Footage	Litho: Formation	Litho: Rock type	Litho: Color	Au oz/st	Ag oz/st	Graphic	Structure: fault	Structure: breccia	Structure: vein	Structure: gouge
0										
35		Rhy	Grey + Buff							
45										
50	Tmr									
90			Buff							
100										
104										
115			Lt grey							
120										
125			Buff to greenish Buff							
140										
145										
150										
154			med Grey							
170			Lt-m Grey							
180										
195										
200			Lt. Grey to Buff							
245	Tmr (massive vfg. rhy)		m. Grey							
250										
268			Lt. Green Buff + Grey							
290			Buff + Lt. grey							
300										
329			Grey							
337			Lt. Grey							
355	Tbr	Rhy	Lt-M Grey							
395			m. Grey							
405			Mm. Grey							
425			Lt. grey							
435			m. Grey							
460			Buff							
485			m. Grey							
495			Buff + lt. grey							
500			m. grey							

Footage	Alteration: Silic	Alteration: argillic	Alteration: clay	Alteration: prop	Alteration: Sericite	Alteration: Chlorite	Alteration: Gravity	Met.: FEOX	Met.: CO3	Met.: Sulfide	Mineralogy: Pyrite	Mineralogy: Marcasite	Mineralogy: Calc/Dolo	Mineralogy: Clay
0														
35	2 3		2 3					2 3						
45	3 4		1 2											
50	1 2		3 4					2 3			1			
90	2 3		2 3											
100			1 2											
104														
115	1 2		2 3											
120	1		1				3							
125			1 2				1	3						
140			2 3				1	3						
145							2							
150														
154	2 3		1 2								2 3			
170	1 2		3 4											
180	2 3													
195														
200	1 2		1 2								1 2			
245	2 3		1 2								2 3			
250														
268	1		2 3					1 2			1 2			
290	1		1 2											
300														
329	2 3		1								1 2			
337	1 2		3 4								1			
355	3 4		1					1			1 2			
395	3		1					3 4			1			
405	1		2 3					1			1			
425	1 2		1								1			
435	1		1 2								1 2			
460	2 3													
485	3 4		1								2 3			
495	1 2		1								1			
500	2 3		1 2								1			

ok.

Red.

ox.

Red.

H2O bands @ 340'

Tmr contamination from ~400 to ~425

1-2%

Newmont Gold Rotary Form

Hole# RS-471 **Logged by** P.J. Butterfield **Date** 7-13-99 Thru 7-15-99

Area Chance **Coords** _____

Az/Incl Vert. **Total Depth** 1115' **Contractor** Eklund

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
500	Tbr	Rhy	m. Grey								Banded rhy w/ varrying silicaceous & (SiO2 + other bands) Intvl. has minor variation w/ slightly +/- SiO2 + +/- clay. SiO2 perv. flood vnlts. + stkwrk + minor micro bx. most SiO2 is LT-m. grey. 520-525 + 540-545 had v. dk. grey SiO2 + py vnlts	1/2		1							1				
550																					1 1/2			
575																					1			
600			Lt. grey								SiO2 + py more as stkwrk; py as vnlts + stkwrk.	1/2		2 3							2 3			
			m. grey								SiO2 stkwrk. + micro bx			1 2							1 1/2			
			Lt. m grey								py vnlts + stkwrk. w/ clay. SiO2 more as super Thn stkwrk vnlts +/- micro bx/micro vening.			2 3							1 1/2			
											Clay + py.			3 4							3 4			
625			M grey								py - xtlln vnlts (minor), mostly v. f.g. dissem w/ gtz. SiO2 - m grey flooding/perv. outward from SiO2 rich bands mod amt. of bands have dk. grey SiO2 w/ py dissem, clay as both. altd host + white on fracts/vnlts 625' - a few larger, well silicified chips.	2 3		2 3							2 3				
650			Lt. & m. Grey								More clay + less. dissem. py.	1/2		1 2							1 1/2			
			m. Grey								xtll py vnlts more common.	2 3		1 2							2 3			
700			Lt. grey								Not as much SiO2 - some likely proto. minor stkwrk SiO2 + dissem py (m. grey). weakening altn.	1/2		1/2							1/2			
			m. grey								Dk. grey SiO2 + dissem py stkwrk + micro bx cutting m-Lt grey host rhy.	2 3		2 3							1 2			
			Lt-m Grey								minor, Thin SiO2 +/- py (dissem) stkwrk + hair thin vnlts. most SiO2 as Lt. gray, hair Thin stkwrk + micro bx.	2 3		1 2							1			
750											Same, Lt. gray/clear SiO2 stkwrk + micro bx + flooding. 740 - 745 - 1 pc calcite vn.	3 4		1							1			
800			Lt. grey								Siliceous rhy, minor 2ndary SiO2 - flooding + colony bands + sparse vnlts. ? Proto or 2ndary?	1/2		1										
850											SiO2 micro bx, flooding stkwrk. + bands. - Lt. gray. Sparse dk. grey SiO2 ? " " " ?	2 3		1										
900											?Siliceous rhy w/ micro bx flooding ? ? Proto or 2ndary	3 4		1										
	mixed										Mostly Tbr (banded) + S-3, C-1, P-1 (w/ dk. SiO2)													
	Tcs?	Sed.	green								F.g. sed? (volc. ash) w/ fragments of magnetite + others (fsp?) altd to green clays. Appears Same as that in RS 470 but fragments are much smaller + not as xtlln. (possibly getting finer w/ dist/depth) Altn. may be very weak.			?										
			m. grey																					
950			Lt. green																					
			m. grey																					
			Dk. green																					
975	Tbr ?	Rhy	Pale greenish Buff								aphanitic, Siliceous rhy w/ sparse gtz & k-spar phenos (995') Very uniform. Note: Siliceous txtr are v. similar to those in 870' + Tbr. This rk. is v. weakly altd. This unit has minor, gtz flood vnlts, mostly Throughout. + Sparse py on fracts/vnlts.		98												
1000												1	95											

Newmont Gold Rotary Form

Hole# RS-471 **Logged by** P.J. Butterfield **Date** 7-13-99

Area Chance. **Coords**

Az/Incl vert. **Total Depth** 1115' **Contractor** Eklund

Footage	Litho: Formation	Litho: Rock type	Litho: Color	Au oz/st	Ag oz/st	Graphic	Structure: fault	Structure: breccia	Structure: veln	Structure: gouge	Comments	Alteration: Silic	Alteration: argillic	Alteration: clay	Alteration: prop	Alteration: Sericite	Alteration: Chlorite	Met.: FEOX	Met.: CO3	Met.: Sulfide	Mineralogy: Pyrite	Mineralogy: Marcasite	Mineralogy: Calc/Dolo	Mineralogy: Clay
1000	?, Tdz ?	Rhy	pale greenish buff								Same as from 945' on.	1									1				
											more S. altd zone, narrow	1		Ic							1				
50											py veins w/ qtz.	1									1				
1100																									
1115 TD																									

RBCROTFRM.DWG Revised 3/17/98

CUSTOMER---------: NEWMONT GOLD COMPANY
MINE SITE---------: ROSEBUD (CHANCE PROJECT)
HOLE NO.---------: RS471
DATE---------: 13/07/99

SILVER STATE SURVEYS, INC.

Survey Certified By

ROBERT PALKOVITS

PROJECTED DEPTH--:

MEAS DEPTH (FEET)	TRUE VERTICAL DEPTH (FEET)	TRUE VERTICAL X-SECTION (FEET)	INCL (HORZ) (DEG)	DIRECTION (AZIMUTH)	RECTANGULAR COORDINATES N+/S- (FEET)	E+/W- (FEET)	DOGLEG 50/FT (DEGREES)	CLOSURE DISTANCE (FEET)	CLOSURE DIR (DEG)	HOLE TEMP (F) (DEG)
0	0.00	0.00	-89.44	325.90	0.00	0.00	0.00	0.00	0.00	104.6
50	50.00	0.52	-88.99	51.13	0.48	0.21	1.12	0.52	23.20	103.7
100	99.99	1.25	-89.15	74.46	0.86	0.91	0.41	1.25	46.57	102.8
150	149.98	2.23	-88.53	50.89	1.36	1.76	0.77	2.23	52.27	102.8
200	199.96	3.44	-88.65	36.22	2.24	2.61	0.38	3.44	49.30	102.0
250	249.95	4.57	-88.74	50.05	3.07	3.38	0.33	4.57	47.72	100.2
300	299.94	5.56	-88.84	78.32	3.53	4.30	0.10	5.56	50.61	99.3
350	349.93	6.52	-88.52	93.16	3.60	5.44	0.23	6.52	56.53	98.4
400	399.91	7.58	-88.30	106.40	3.35	6.79	0.21	7.58	63.74	95.8
450	449.87	9.03	-87.39	107.67	2.80	8.59	0.46	9.03	71.97	94.9
500	499.81	11.14	-86.94	107.23	2.06	10.95	0.45	11.14	79.37	94.9
550	549.69	14.27	-85.27	104.13	1.16	14.22	1.68	14.27	85.35	94.0
585	584.57	17.06	-85.14	104.21	0.44	17.06	0.01	17.06	88.51	91.4

Randy Vance

HORIZONTAL PROJECTION

Survey File: RS471

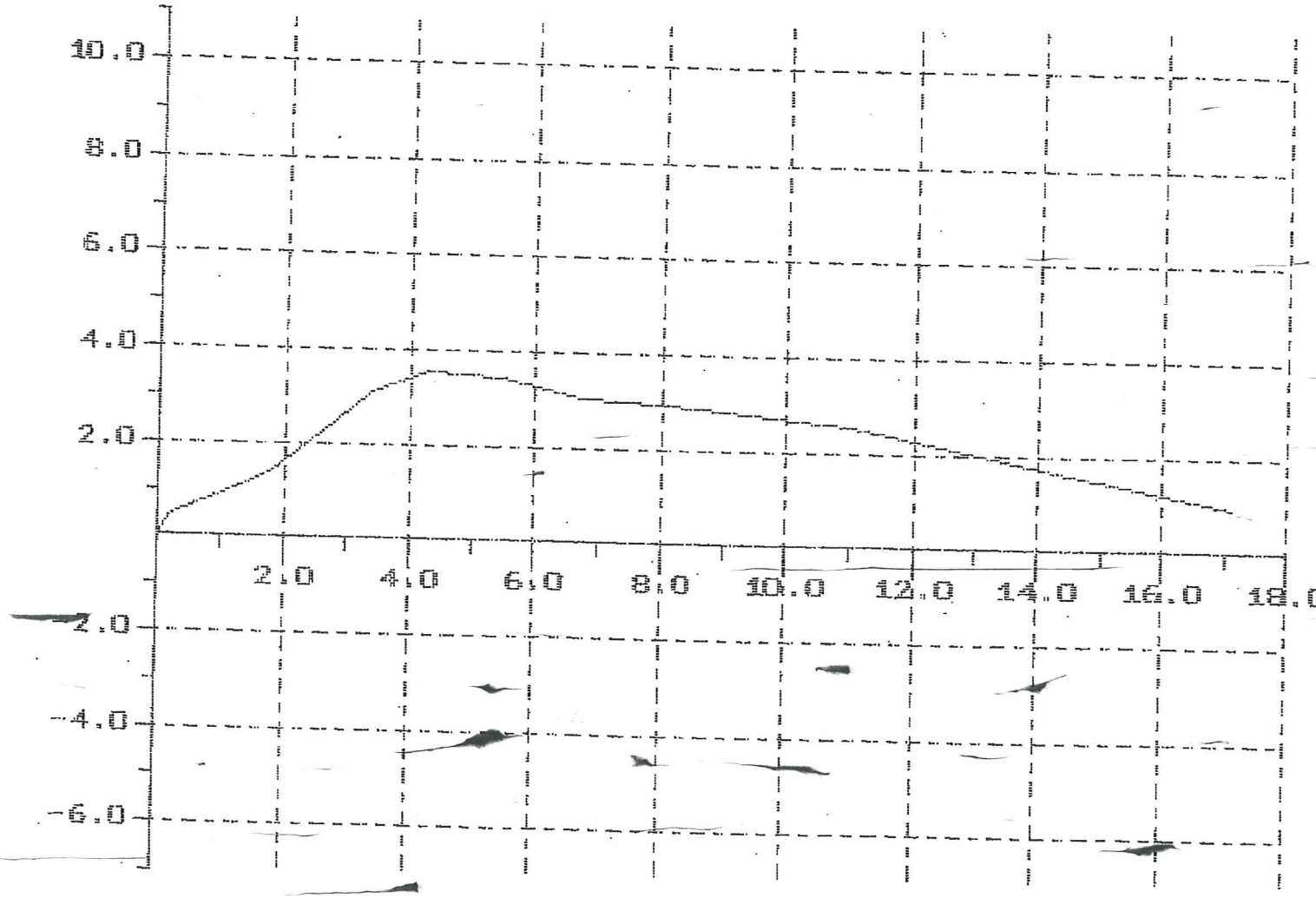
Customer: NEWMONT GOLD CO

Starting from 0.0 E/W 0.0 N/S

Bottom closure direction: 87.0

Time: 23:01:46

Date: 7-12-99



E/W Data Max: 17.1

E/W Data Min: 0.0

(scale in feet)

N/S Data Max: 3.5

N/S Data Min: 0.0

Survey File: RS471

Customer: NEWMONT GOLD CO

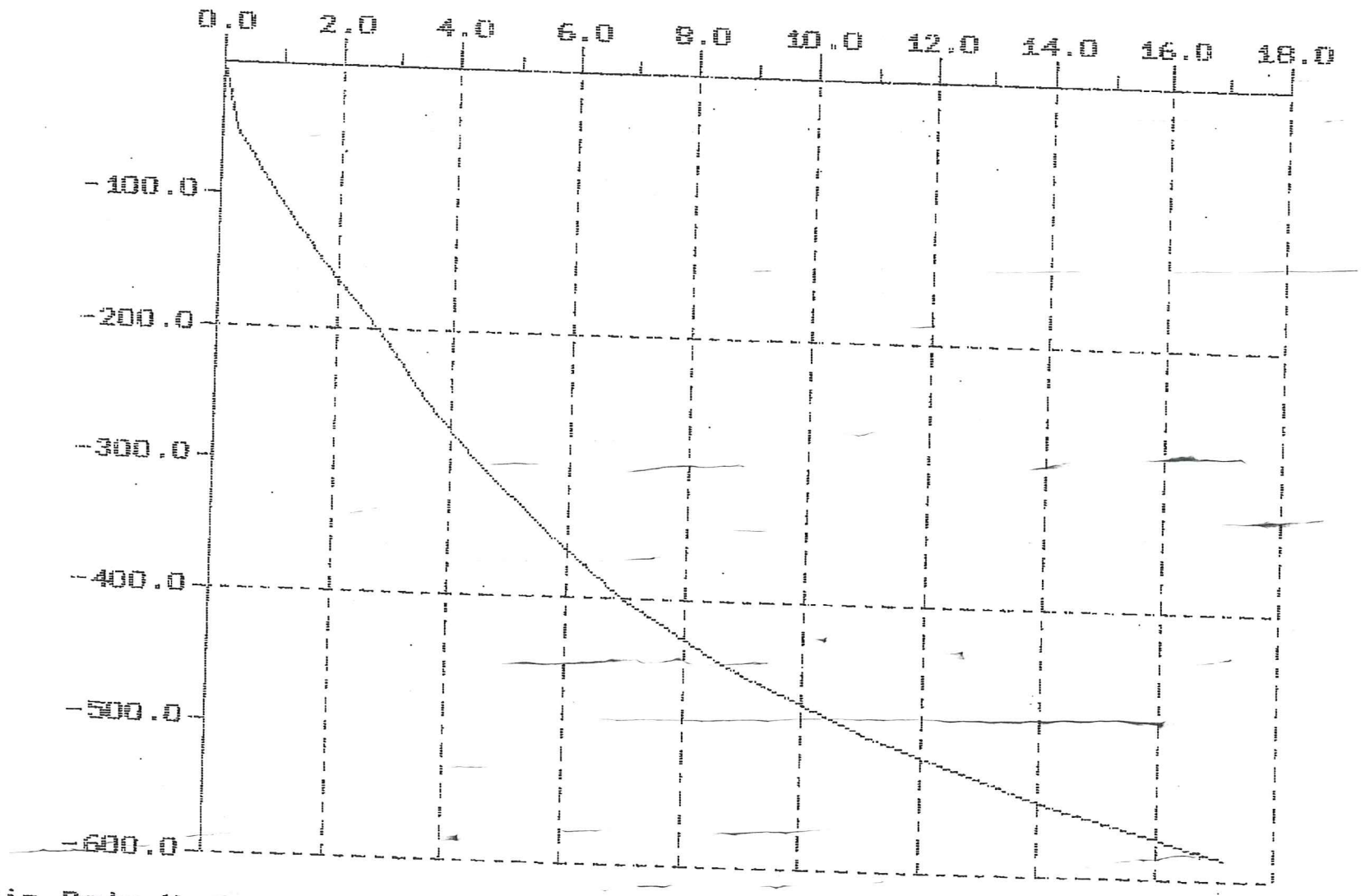
VERTICAL PROJECTION

Section direction: 87.0

Starting from 0.0 E/W 0.0 N/S

Time: 23:01:46

Date: 7-12-99



Horiz Data Max: 17.1

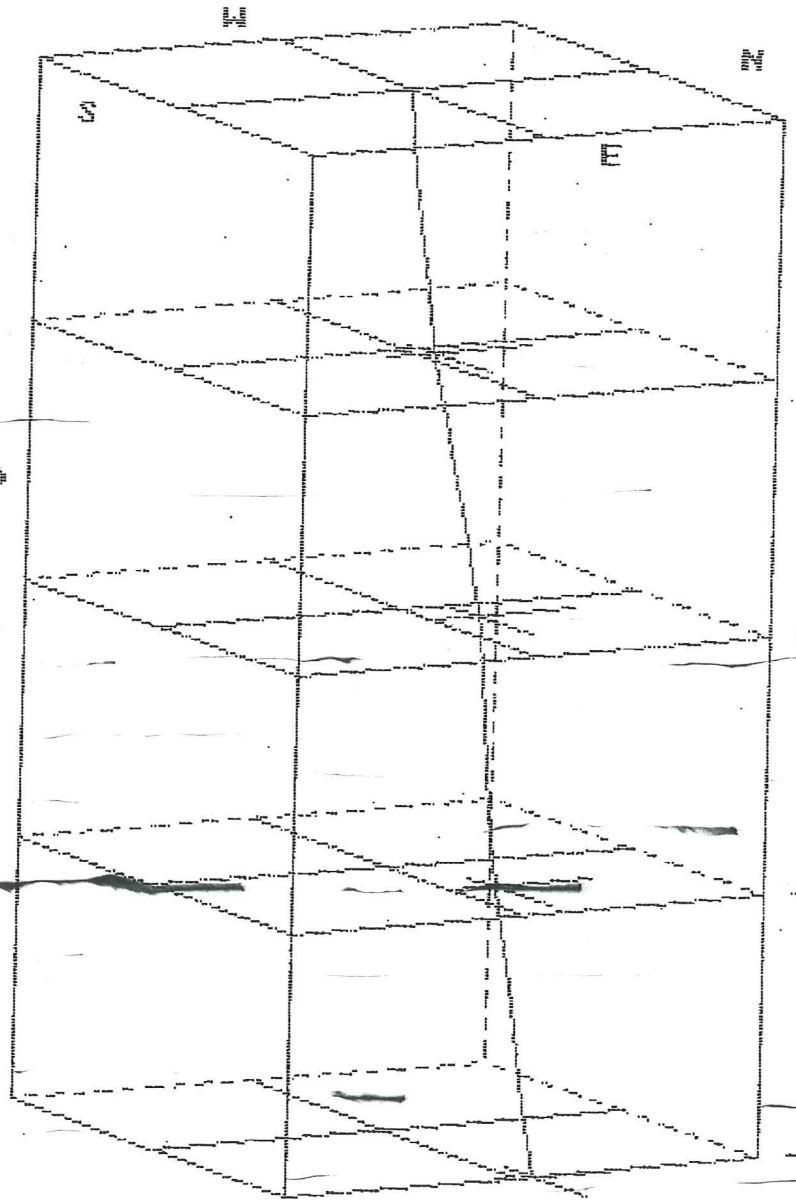
Horiz Data Min: 0.0

(scale in feet)

Vert Data Max: 0.0

Vert Data Min: -584.6

3D PROJECTION



0.00 feet

-146.14 feet (52.05)

-292.29 feet (50.25)

-438.43 feet (70.34)

-584.57 feet (86.99)

Survey File: BS471
Customer: NEWMONT GOLD
Date: 7-12-99
Time: 23:01:46

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

Client Newmont **Location** Rosebud

Date 7-12-99 Shift Day

Drill # 46 Water Trk. # 44

Pickup # 45 ATV #

Booster # 111 Hours Used 10½

Aux. Comp. # Hours Used

Hole # RS471 (Angle /Vertical) (TD@)
(Use a New Log When You Start a New Hole)

Hours Equipment Repair 1½

Mob./Demob. Miles Hours

Footage End Shift 605

Footage Start Shift 145

Footage Drilled 460

Hours Drilled 10½

Hours Hauling Water During Shift # of loads

Hours Hauling Water After Shift # of loads

Hours Casing Hours Cementing

Hours Hole Abandonment

Actual Hours Moving Between Holes

Hours Standby Hours Cat Work

Hours Other Total Hours 12

(Circle All Items Chargeable To Client)

Hole Condition Log

From	To	Condition/Code
145	605	RS471 - V
		1,4,6,9,10
		35 gpm H_2O @
		340'
		50 gpm @ 360'
		75 gpm by 500'

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: 1½ ER Rubber in Water Truck tank coming apart Big flap Blocking Both Rear Valves. Have to stop and take valves and 45's off and Pull flap out.

Materials Used

DRILL BITS (new)

Size	Type	Hole #	Ser. #	Manuf.

DRILL BITS (previously used and billed to client)

Size	Type	Hole #	Ser. #	Manuf.

DRILLING MATERIALS

Description	# of Sacks	Size	Hole #
Soap	5gal		

ABANDONMENT MATERIALS

Description	# of Sacks	Size	Hole #

CASING

Size	Type	Hole #

(Circle All Items Chargeable To Client)

Driller Don Schoel
Helper Carl Hanson
Helper Rich Gray
Approved By:

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

Client Newmont
Date TU 7-13-99 Shift Day
Drill # 46 Water Trk. # 44
Pickup # 45 ATV #
Booster # 111 Hours Used 4
Aux. Comp. # Hours Used
Hole # RS471 (Angle /Vertical) (TD@)
(Use a New Log When You Start a New Hole)
Hours Equipment Repair
Mob./Demob. Miles Hours

Location Rosebud
Footage End Shift 785
Footage Start Shift 605
Footage Drilled 180
Hours Drilled 10
Hours Hauling Water During Shift # of loads
Hours Hauling Water After Shift # of loads
Hours Casing Hours Cementing
Hours Hole Abandonment
Actual Hours Moving Between Holes
Hours Standby Hours Cat Work
Hours Other 1/2 Total Hours 11 1/2
(Circle All Items Chargeable To Client)

Hole Condition Log

From	To	Condition/Code
605	785	RS471 - V
		1, 4, 5, 6, 9, 10, 11
		H2O @ 100+
		spm @ 690-

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: 1 1/2 make Bit Trip @ 695-

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.
5 7/8	ET034	RS471	Sold on # RS468	

DRILLING MATERIALS

Description	# of Sacks	Size	Hole #

ABANDONMENT MATERIALS

Description	# of Sacks	Size	Hole #

CASING

Size	Type	Hole #

(Circle All Items Chargeable To Client)

Driller Don School
Helper Carl Herron
Helper Rich Gray
Approved By:

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

Client Newmont

Date 7-14-99 (W) Shift DAY

Drill # 46 Water Trk. # 44

Pickup # 45 ATV #

Booster # F Hours Used

Aux. Comp. # Hours Used

Hole # RS471 (Angle /Vertical) (TD@)
(Use a New Log When You Start a New Hole)

Hours Equipment Repair 2 Discharge hose

Mob./Demob. Miles Hours

Location Rosebud

Footage End Shift 925

Footage Start Shift 785

Footage Drilled 140

Hours Drilled 10

Hours Hauling Water During Shift # of loads

Hours Hauling Water After Shift # of loads

Hours Casing Hours Cementing

Hours Hole Abandonment

Actual Hours Moving Between Holes

Hours Standby Hours Cat Work

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

Hole Condition Log

From	To	Condition/Code
785	925	RS471 - ✓
		4, 5, 6, 11
		H_2O @ 100+
		gpm

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

Materials Used

DRILL BITS (new)

Size	Type	Hole #	Ser. #	Manuf.

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 #

CASING

Size	Type	Hole #

(Circle All Items Chargeable To Client)

Comments:

Driller Jon Shoaf

Helper Carl Hearon

Helper Rich Gray

Approved By:

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

Client Newmont
Date 7-15-99 TH **Shift** Day
Drill # 46 **Water Trk. #** 44
Pickup # 45 **ATV #**
Booster # 111 **Hours Used** 10
Aux. Comp. # **Hours Used**
Hole # RS471 (Angle /Vertical) (TD@)
(Use a New Log When You Start a New Hole)
Hours Equipment Repair
Mob./Demob. Miles Hours

Location Rossbud
Footage End Shift 1085
Footage Start Shift 925
Footage Drilled 160
Hours Drilled 10
Hours Hauling Water During Shift # of loads
Hours Hauling Water After Shift # of loads
Hours Casing Hours Cementing
Hours Hole Abandonment
Actual Hours Moving Between Holes
Hours Standby Hours Cat Work
Hours Other Total Hours 10
(Circle All Items Chargeable To Client)

Hole Condition Log

From	To	Condition/Code
925	1085	RS471 - ✓
	1035	1, 4, 5, 6, 9, 11
		Hit Fault @ 1035
		more H_2O, now
		@ 150+ gpm

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: A1 show @ 3pm
and help remove pump.
~~Rods~~ cuttings and ~~take~~ to ELKO.

Materials Used

DRILL BITS (new)

Size	Type	Hole #	Ser. #	Manuf.
1	w. open 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 #

CASING

Size	Type	Hole #

(Circle All Items Chargeable To Client)

Driller Don Seward
Helper Carl Hearon
Helper Rich Gray
Approved By:

BARRINGER LABORATORIES, INC.

RENO, NEVADA, U.S.A., 5301 Longley Lane, Bldg. E, Reno, NV, 895[illegible] FAX: 702-828-1263

BARRINGER LABORATORIOS de MEXICO, S.A.de C.V.
Carretera Panamericana, KM 10445
Durango, Durango, Mexico C.P. 34030
TEL/FAX (52)(18) 12-00-52

BARRINGER LABORATORIES del PERU S.A.
Avenida Domingo Orué 489
Surquillo, Lima 34, Peru
TEL (011-51-1) 222-2801
FAX (011-51-1) 442-7195

BAR
Calle

PEEL HERE
RS-471
G O 1 - 193
G O 1 - 193
560-565B

BARRINGER LABORATORIOS de MEXICO, S.A. de C.V.
Blvd. García Morales 829-A, Bodega #2
Colonia La Manga
Hermosillo, Sonora, Mexico C.P. 83210
TEL/FAX (011-52-6) 261-0415

BARRING
N
COM
Km 7.5
Mana
TEL (01

RS-471
MS-3
(RMG1)
620-625B

McCLELLAND/BARRINGER LABO
Teguc
TEL

PEEL HERE
RS-471
MS-2
(RMG1)
460B-465B

Geochemical Laboratory Instruction Sheet

Copy of Results:	Results And Invoice To:
Randy Vance	Charlotte Ballew
Newmont Mining Corp	Same
861 W. 6th St	
Winnemucca, NV 89445	
	AUTHORITY:

No. of Samples	Sample Type	List of Sample Numbers	Elements Requested
		RS-471: 0-1115?	
172	RC	5, 10, 15, etc., thru 860.	Au: 1 At FA/AA (no Ag)
~13-14 (composits)		860' to TD, 20 foot composits (860-880, etc., thru	11--1)
[redacted]		20 ft. Composites of pulps	NGC 30-element ICP
		0-20, 20-40, etc.,	Total Digestion
		(Standard Sample Prep)	
3	Pulps	Standards 460B-465B, 560B-565B,	Au: 1 At FA/AA, No Ag, [redacted]
		620B-625B	No ICP
		☆ Insert Standards in Sequence ☆	

COARSE REJECT (Free storage for 30 days)
- ☐ Return/collect after analysis
- ☒ Return/collect after 30 days Unless instructed otherwise
- ☐ Discard after 30 days

IF NOT MARKED, REJECT DISCARDED AFTER 30 DAYS

PULP (Free storage for 6 months)
- ☐ Return/collect after analysis
- ☐ Return/collect at 6 months
- ☐ Discard at 6 months

IF NOT MARKED, PULP IS DISCARDED AFTER 6 MONTHS

COARSE REJECTS/PULPS WILL BE DISCARDED UNLESS OTHERWISE REQUESTED

Au - GOLD METHOD
- ☐ Fire Assay/A.A.
- ☐ Fire Assay/Gravimetric
- ☐ NaCN/A.A.

RESULTS REPORTED IN:
- ☐ ppb ☐ PPM
- ☐ oz/T ☐ grams/T

TRACE ELEMENT METHOD
- ☐ Wet Chem./A.A.
- ☐ Wet Chem./ICP

RESULTS REPORTED IN:
- ☐ ppm ☐ Percent %
- ☐ oz/T ☐ grams/T

ADDITIONAL INSTRUCTIONS: Please Fax Au results to R. Vance 775 625 5655 or e-mail to rvanl@corp.newmont.com

NOV96:PM5:RENO3:GEOCHEM