60000511

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-406c
AUTHOR	N. Reid; K. Allen; M. Jex; M. Pentz S. King; G. Ballew; R. Lisle; R. Vance
DATE OF DOC(S)	1993 - 1998
MULTI_DIST Y / (N?) Additional Dist_Nos:	
QUAD_NAME	Sulphur 7.5'
P_M_C_NAME (mine, claim & company names)	Rosebud Mine; Newmont Gold Co.; Newmont Exploration, Ltd.
COMMODITY If not obvious	Gold; silver
NOTES	drill logs; assays; geology; photographs; total depth 1683'; geochemistry 66p

Keep docs at about 250 pages if no oversized maps attached
(for every 1 oversized page (>11x17) with text reduce
the amount of pages by ~25)

SS: DD 3/18/08
Initials Date
DB:
Initials Date
SCANNED:
Initials Date

Revised: 1/22/08

RS-406

6000 0511
4010

60000511

Rosebud Exploration

11/22/93

CORE CUTTING, SAMPLE NUMBER and FOOTAGE LOG

Sheet 1 of 1

Hole # RS-406c

Date Started

Geologist Bob R.

Date Finished

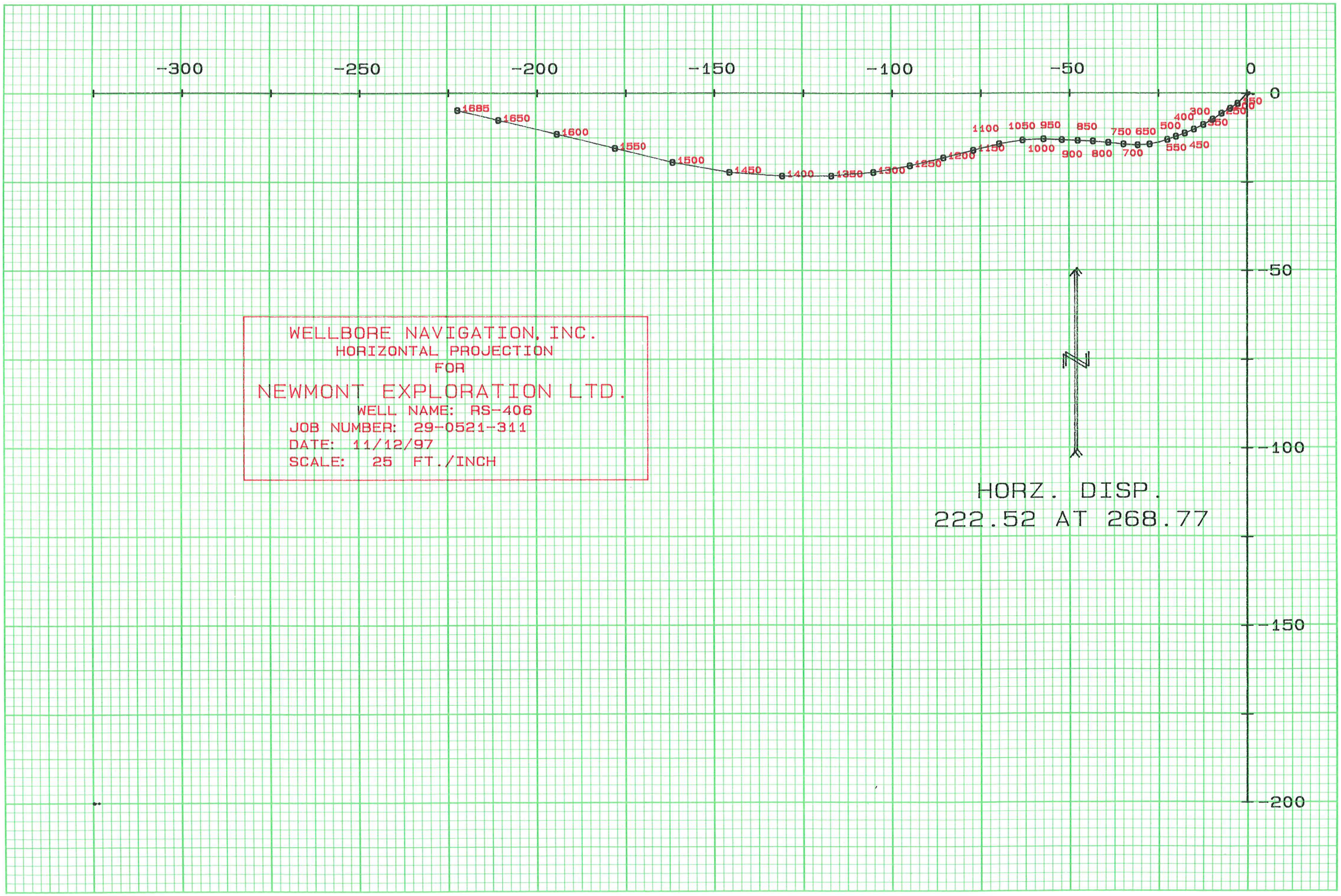
Sample #

Date to Lab

From	To
1500	1503.5
1503.5	
1508.5	
1511	
1513.5	
1518.5	
1523.5	
12/23 1528.5	
1533.5	
1540	
1545	
1550	
1555	
1560	
1565	
1570	
1575	
1580	
1585	
1590	1595

From	To
1595	1600
1600	1605
	1610
	1615
	1620
	1625
	1630
	1635
	1640
	1645
	1650
	1655
	1660
	1665
	1668.3
	1672
	1677
	1683 TD

RS-406	1500	1503.5	
	1503.5	1508.5	
	1508.5	1511	
	1511	1513.5	
	1513.5	1518.5	
	1518.5	1523.5	
	1523.5	1528.5	
	1528.5	1533.5	
	1533.5	1540	
	1540	1545	
	1545	1550	
	1550	1555	
	1555	1560	
	1560	1565	
	1565	1570	
	1570	1575	
	1575	1580	
	1580	1585	
	1585	1590	
	1590	1595	
	1595	1600	
	1600	1605	
	1605	1610	
	1610	1615	
	1615	1620	
	1620	1625	
	1625	1630	
	1630	1635	
	1635	1640	
	1640	1645	
	1645	1650	
	1650	1655	
	1655	1660	
	1660	1665	
	1665	1668.3	
	1668.3	1672	
	1672	1677	
	1677	1683	



STARLIGHT PRINTING (801) 467-2841

WELLBORE NAVIGATION, INC.
WINNEMUCCA, NEVADA

GYROSCOPIC DIRECTIONAL SURVEY
BY MINIMUM CURVATURE

FOR

****
* NEWMONT EXPLORATION LTD. *
****

JOB NUMBER: 29-0521-311

WELL NAME: RS-406 / VS 305.00

LOCATION: ROSEBUD MINE

SURVEY DATE: 11/12/97

SURVEY ENGINEER: VERN REID

GYRO REFERENCE BEARING: 249.50

VERTICAL SECTION CALCULATED IN A
PROPOSAL DIRECTION OF: 035.00

WELNAV

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

COMMENTS: ** BOART LONGYEAR **
***** MIKE JEX *****
**** MIKE PENTZ ****
PROJECTED F/1500' T/1685'.

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

WELLBORE NAVIGATION, INC.
WINNEMUCCA, NEVADA

JOB NUMBER: 29-0521-311 WELL NAME: RS-406 / VS 305.00

INRUN SURVEY
BY MINIMUM CURVATURE

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	L/R PROP.	INCL HORZ	BEARING AZIMUTH	COORDINATES LATITUDE	COORDINATES DEPARTURE	D-LEG /100	D-LEG /CL	STATION DISP.	DISPLACEMENT DIRECTION	TEMP. DEG. F.
50.0	50.00	-0.48	-0.107	-88.88	227.68	0.33 S	0.36 W	2.24	1.12	0.49	AT 227.68	068.73
100.0	99.98	-1.83	-0.242	-88.00	216.82	1.36 S	1.25 W	1.85	0.92	1.84	AT 222.56	061.11
150.0	149.93	-3.86	-0.579	-87.24	229.90	2.83 S	2.69 W	1.86	0.93	3.90	AT 223.54	061.18
200.0	199.87	-6.19	-1.497	-86.98	242.48	4.21 S	4.78 W	1.37	0.68	6.37	AT 228.59	062.11
250.0	249.79	-8.74	-2.673	-86.59	237.48	5.62 S	7.20 W	0.96	0.48	9.14	AT 232.02	063.34
300.0	299.70	-11.53	-3.762	-86.53	235.10	7.29 S	9.70 W	0.31	0.16	12.13	AT 233.07	064.41
350.0	349.61	-14.30	-5.030	-86.47	244.08	8.83 S	12.32 W	1.10	0.55	15.16	AT 234.38	065.71
400.0	399.52	-16.90	-6.484	-86.69	244.27	10.13 S	15.01 W	0.44	0.22	18.10	AT 235.99	067.22
450.0	449.44	-19.29	-7.921	-86.91	247.87	11.26 S	17.55 W	0.60	0.30	20.85	AT 237.32	068.37
500.0	499.37	-21.46	-9.421	-87.05	251.68	12.17 S	20.02 W	0.49	0.24	23.43	AT 238.71	069.95
550.0	549.31	-23.57	-10.900	-87.04	248.40	13.05 S	22.45 W	0.34	0.17	25.96	AT 239.82	071.39
600.0	599.24	-25.56	-12.390	-87.24	255.32	13.83 S	24.81 W	0.80	0.40	28.41	AT 240.86	073.12
650.0	649.17	-27.54	-14.275	-86.48	261.13	14.37 S	27.49 W	1.65	0.82	31.02	AT 242.40	074.49
700.0	699.06	-29.66	-16.865	-85.83	269.67	14.62 S	30.83 W	1.73	0.86	34.12	AT 244.63	076.22
750.0	748.89	-31.77	-20.279	-84.94	276.10	14.40 S	34.84 W	2.06	1.03	37.69	AT 247.55	077.52
800.0	798.71	-33.86	-24.042	-85.19	275.95	13.95 S	39.11 W	0.50	0.25	41.53	AT 250.38	079.11
850.0	848.53	-35.97	-27.753	-85.01	274.78	13.55 S	43.37 W	0.41	0.21	45.43	AT 252.65	080.76
900.0	898.34	-38.29	-31.410	-85.05	270.50	13.35 S	47.69 W	0.75	0.37	49.52	AT 254.37	081.85
950.0	948.14	-40.70	-35.179	-84.67	274.00	13.17 S	52.16 W	0.99	0.49	53.80	AT 255.83	083.51
1000.0	997.87	-43.46	-39.541	-83.48	271.67	12.92 S	57.32 W	2.43	1.21	58.76	AT 257.30	084.88
1050.0	1047.52	-47.05	-44.201	-82.98	263.50	13.18 S	63.19 W	2.17	1.08	64.55	AT 258.21	086.03
1100.0	1097.08	-51.68	-48.952	-81.74	258.28	14.26 S	69.74 W	2.84	1.42	71.19	AT 258.44	087.62
1150.0	1146.49	-57.39	-54.006	-80.72	255.00	16.03 S	77.16 W	2.27	1.14	78.80	AT 258.26	088.92
1200.0	1195.74	-63.94	-59.625	-79.39	256.12	18.18 S	85.52 W	2.69	1.34	87.43	AT 258.00	090.44
1250.0	1244.79	-71.18	-66.083	-78.24	257.33	20.40 S	94.96 W	2.35	1.17	97.13	AT 257.87	092.10
1300.0	1293.68	-78.64	-73.408	-77.61	261.53	22.31 S	105.24 W	2.16	1.08	107.57	AT 258.03	093.40
1350.0	1342.23	-86.30	-82.575	-74.70	268.03	23.33 S	117.14 W	6.59	3.30	119.44	AT 258.74	094.63
1400.0	1390.29	-94.23	-93.849	-73.28	271.57	23.36 S	130.92 W	3.44	1.72	132.99	AT 259.89	096.08
1450.0	1438.03	-101.86	-106.607	-72.09	276.48	22.29 S	145.75 W	3.77	1.89	147.45	AT 261.30	097.09
1500.0	1485.35	-108.62	-121.236	-70.23	283.55	19.44 S	161.61 W	5.88	2.94	162.78	AT 263.14	097.45
1550.0	1532.40	-114.81	-136.989	-70.20	283.55	15.48 S	178.07 W	0.06	0.03	178.74	AT 265.03	097.52
1600.0	1579.46	-121.00	-152.717	-70.29	283.53	11.52 S	194.50 W	0.18	0.09	194.84	AT 266.61	097.38
1650.0	1626.51	-127.19	-168.458	-70.16	283.50	7.56 S	210.95 W	0.26	0.13	211.08	AT 267.95	097.52

WELLBORE NAVIGATION, INC.
WINNEMUCCA, NEVADA

JOB NUMBER: 29-0521-311 WELL NAME: RS-406 / VS 305.00

INRUN SURVEY
BY MINIMUM CURVATURE

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	L/R PROP.	INCL HORZ	BEARING AZIMUTH	COORDINATES LATITUDE	COORDINATES DEPARTURE	D-LEG /100	D-LEG /CL	STATION DISP.	DISPLACEMENT DIRECTION	TEMP. DEG. F.
1685.0	1659.44	-131.53	-179.488	-70.25	283.53	4.79 S	222.47 W	0.26	0.09	222.52	AT 268.77	097.45

```
*************************************************************
*                          ********                         *
*      THE HORIZONTAL DISPLACEMENT AT THE DEPTH OF          *
*                          ********                         *
*  1685.0 FEET EQUALS   222.52   FEET AT  268.77            *
*                          ********                         *
*************************************************************
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WELNAV

WELLBORE NAVIGATION, INC.
WINNEMUCCA, NEVADA

GYROSCOPIC DIRECTIONAL SURVEY
BY MINIMUM CURVATURE

FOR

****
* NEWMONT EXPLORATION LTD. *
****

JOB NUMBER: 29-0521-311

WELL NAME: RS-406 / VS 035.00

LOCATION: ROSEBUD MINE

SURVEY DATE: 11/12/97

SURVEY ENGINEER: VERN REID

GYRO REFERENCE BEARING: 249.50

VERTICAL SECTION CALCULATED IN A
PROPOSAL DIRECTION OF: 125.00

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

COMMENTS: ** BOART LONGYEAR **
***** MIKE JEX *****
**** MIKE PENTZ ****
PROJECTED F/1500' T/1685'.

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*** THIS DIRECTIONAL SURVEY REPORT IS ****
** CORRECT TO THE BEST OF MY KNOWLEDGE ***
* AND IS SUPPORTED BY ACTUAL FIELD DATA! *
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** ********** **
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WELLBORE NAVIGATION, INC.
WINNEMUCCA, NEVADA

JOB NUMBER: 29-0521-311 WELL NAME: RS-406 / VS 035.00

INRUN SURVEY
BY MINIMUM CURVATURE

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	L/R PROP.	INCL HORZ	BEARING AZIMUTH	COORDINATES LATITUDE	COORDINATES DEPARTURE	D-LEG /100	D-LEG /CL	STATION DISP.	DISPLACEMENT DIRECTION	TEMP. DEG. F.
50.0	50.00	-0.11	0.477	-88.88	227.68	0.33 S	0.36 W	2.24	1.12	0.49	AT 227.68	068.73
100.0	99.98	-0.24	1.826	-88.00	216.82	1.36 S	1.25 W	1.85	0.92	1.84	AT 222.56	061.11
150.0	149.93	-0.58	3.861	-87.24	229.90	2.83 S	2.69 W	1.86	0.93	3.90	AT 223.54	061.18
200.0	199.87	-1.50	6.193	-86.98	242.48	4.21 S	4.78 W	1.37	0.68	6.37	AT 228.59	062.11
250.0	249.79	-2.67	8.735	-86.59	237.48	5.62 S	7.20 W	0.96	0.48	9.14	AT 232.02	063.34
300.0	299.70	-3.76	11.530	-86.53	235.10	7.29 S	9.70 W	0.31	0.16	12.13	AT 233.07	064.41
350.0	349.61	-5.03	14.296	-86.47	244.08	8.83 S	12.32 W	1.10	0.55	15.16	AT 234.38	065.71
400.0	399.52	-6.48	16.901	-86.69	244.27	10.13 S	15.01 W	0.44	0.22	18.10	AT 235.99	067.22
450.0	449.44	-7.92	19.292	-86.91	247.87	11.26 S	17.55 W	0.60	0.30	20.85	AT 237.32	068.37
500.0	499.37	-9.42	21.456	-87.05	251.68	12.17 S	20.02 W	0.49	0.24	23.43	AT 238.71	069.95
550.0	549.31	-10.90	23.565	-87.04	248.40	13.05 S	22.45 W	0.34	0.17	25.96	AT 239.82	071.39
600.0	599.24	-12.39	25.561	-87.24	255.32	13.83 S	24.81 W	0.80	0.40	28.41	AT 240.86	073.12
650.0	649.17	-14.28	27.543	-86.48	261.13	14.37 S	27.49 W	1.65	0.82	31.02	AT 242.40	074.49
700.0	699.06	-16.87	29.658	-85.83	269.67	14.62 S	30.83 W	1.73	0.86	34.12	AT 244.63	076.22
750.0	748.89	-20.28	31.775	-84.94	276.10	14.40 S	34.84 W	2.06	1.03	37.69	AT 247.55	077.52
800.0	798.71	-24.04	33.858	-85.19	275.95	13.95 S	39.11 W	0.50	0.25	41.53	AT 250.38	079.11
850.0	848.53	-27.75	35.970	-85.01	274.78	13.55 S	43.37 W	0.41	0.21	45.43	AT 252.65	080.76
900.0	898.34	-31.41	38.287	-85.05	270.50	13.35 S	47.69 W	0.75	0.37	49.52	AT 254.37	081.85
950.0	948.14	-35.18	40.705	-84.67	274.00	13.17 S	52.16 W	0.99	0.49	53.80	AT 255.83	083.51
1000.0	997.87	-39.54	43.461	-83.48	271.67	12.92 S	57.32 W	2.43	1.21	58.76	AT 257.30	084.88
1050.0	1047.52	-44.20	47.045	-82.98	263.50	13.18 S	63.19 W	2.17	1.08	64.55	AT 258.21	086.03
1100.0	1097.08	-48.95	51.685	-81.74	258.28	14.26 S	69.74 W	2.84	1.42	71.19	AT 258.44	087.62
1150.0	1146.49	-54.01	57.388	-80.72	255.00	16.03 S	77.16 W	2.27	1.14	78.80	AT 258.26	088.92
1200.0	1195.74	-59.62	63.944	-79.39	256.12	18.18 S	85.52 W	2.69	1.34	87.43	AT 258.00	090.44
1250.0	1244.79	-66.08	71.179	-78.24	257.33	20.40 S	94.96 W	2.35	1.17	97.13	AT 257.87	092.10
1300.0	1293.68	-73.41	78.636	-77.61	261.53	22.31 S	105.24 W	2.16	1.08	107.57	AT 258.03	093.40
1350.0	1342.23	-82.57	86.295	-74.70	268.03	23.33 S	117.14 W	6.59	3.30	119.44	AT 258.74	094.63
1400.0	1390.29	-93.85	94.226	-73.28	271.57	23.36 S	130.92 W	3.44	1.72	132.99	AT 259.89	096.08
1450.0	1438.03	-106.61	101.859	-72.09	276.48	22.29 S	145.75 W	3.77	1.89	147.45	AT 261.30	097.09
1500.0	1485.35	-121.24	108.624	-70.23	283.55	19.44 S	161.61 W	5.88	2.94	162.78	AT 263.14	097.45
1550.0	1532.40	-136.99	114.813	-70.20	283.55	15.48 S	178.07 W	0.06	0.03	178.74	AT 265.03	097.52
1600.0	1579.46	-152.72	120.995	-70.29	283.53	11.52 S	194.50 W	0.18	0.09	194.84	AT 266.61	097.38
1650.0	1626.51	-168.46	127.190	-70.16	283.50	7.56 S	210.95 W	0.26	0.13	211.08	AT 267.95	097.52

WELLBORE NAVIGATION, INC.
WINNEMUCCA, NEVADA

JOB NUMBER: 29-0521-311 WELL NAME: RS-406 / VS 035.00

INRUN SURVEY
BY MINIMUM CURVATURE

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	L/R PROP.	INCL HORZ	BEARING AZIMUTH	COORDINATES LATITUDE	COORDINATES DEPARTURE	D-LEG /100	D-LEG /CL	STATION DISP.	DISPLACEMENT DIRECTION	TEMP. DEG. F.
1685.0	1659.44	-179.49	131.531	-70.25	283.53	4.79 S	222.47 W	0.26	0.09	222.52	AT 268.77	097.45

```
*************************************************************
*                          ********                         *
*      THE HORIZONTAL DISPLACEMENT AT THE DEPTH OF          *
*                          ********                         *
*  1685.0 FEET EQUALS    222.52    FEET AT   268.77         *
*                          ********                         *
*************************************************************
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WELNAV

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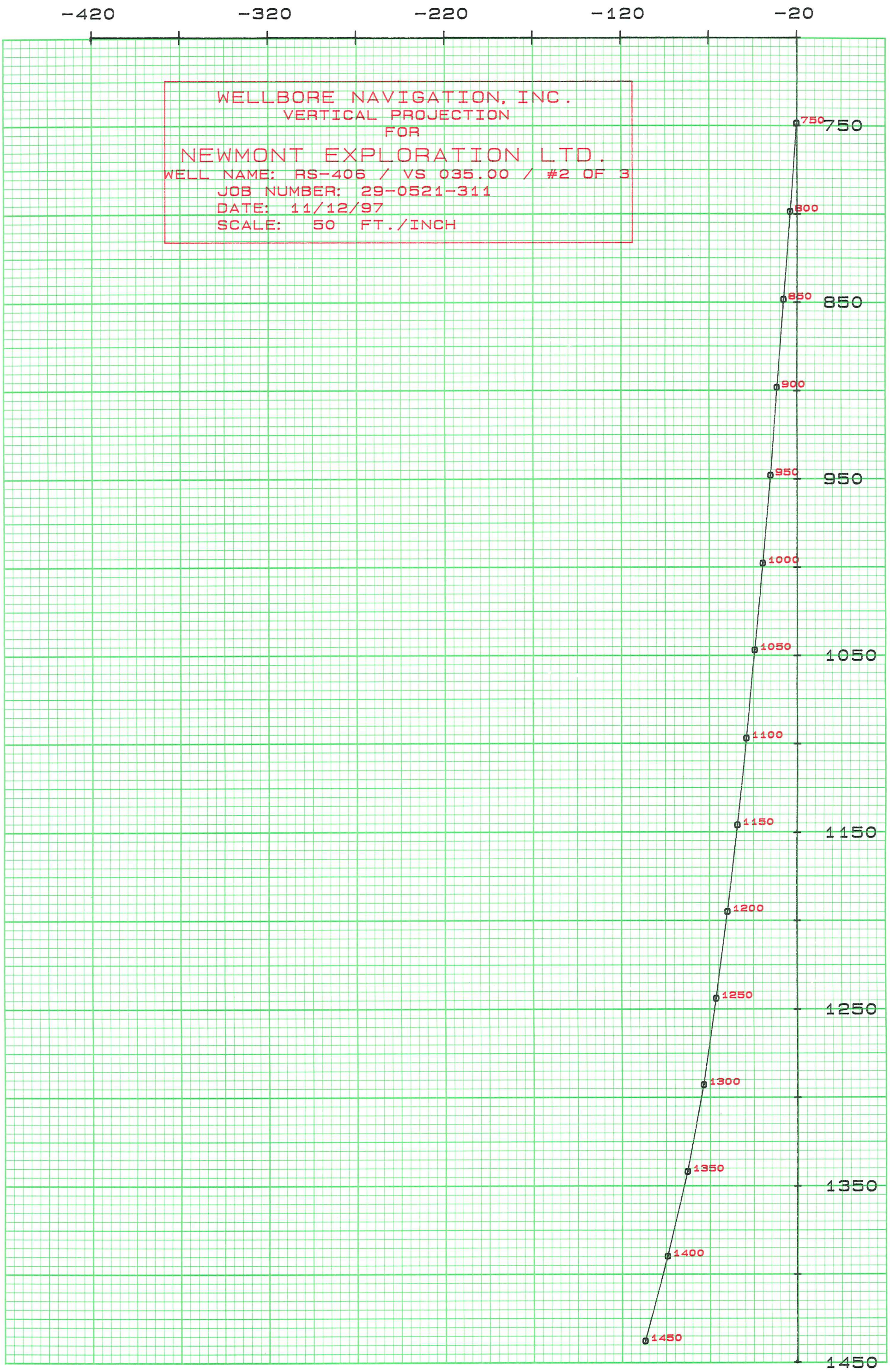

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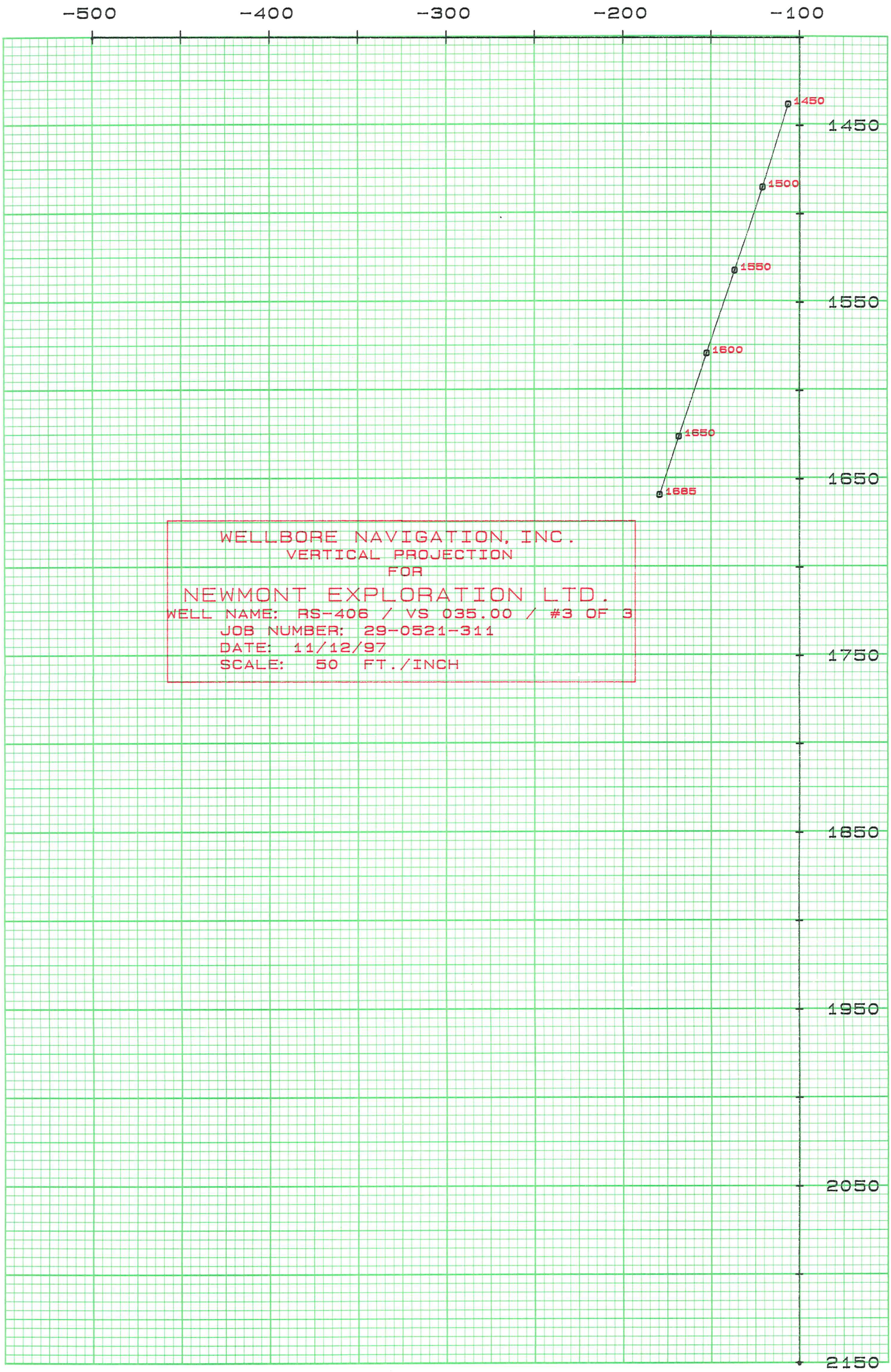

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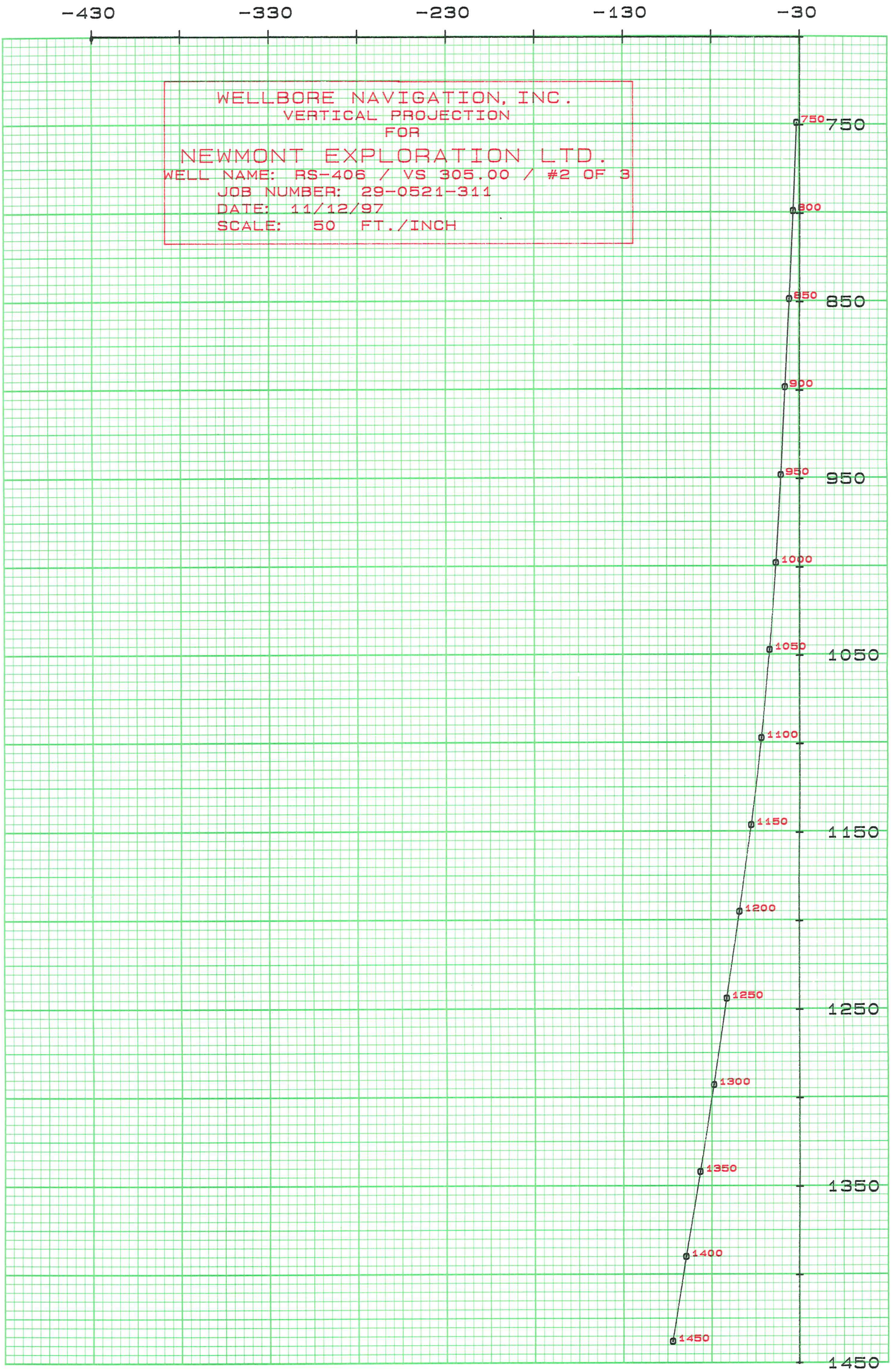

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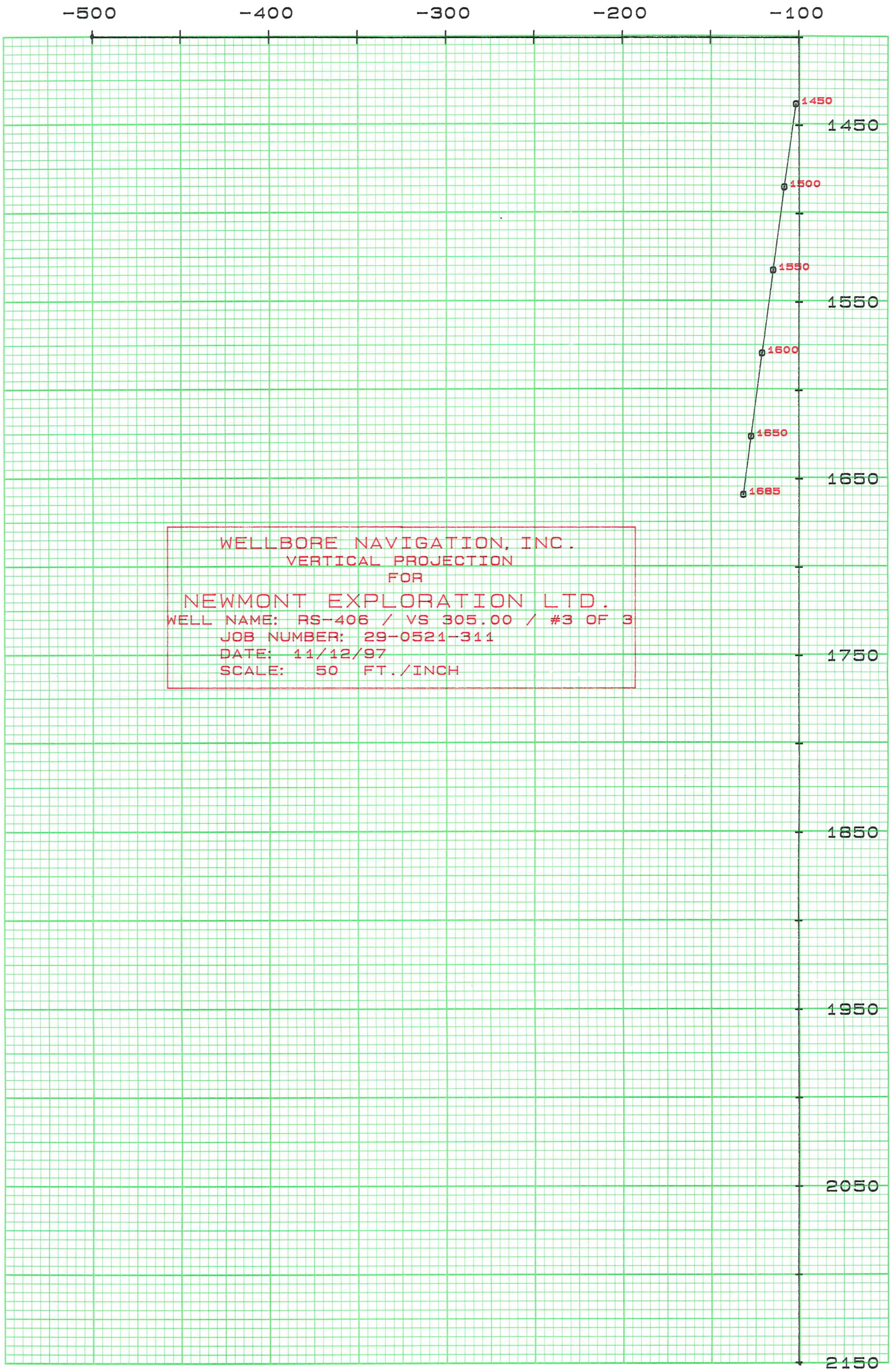

xAMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP047969

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: 97-406 RECEIVED : 26 JAN 1998

No. SAMPLES : 1 REPORTED : 9 FEB 1998

MAIN SAMPLE TYPE : SAMPLES ANALYSED AS RECEIVED

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
WT+120#	FA-MS	5%	GRAMS	1.0
WT-120#	FA-MS	5%	GRAMS	1.0
Au+120#	FA-MS	15%	OPT	0.001
Au-120#	FA-MS	15%	OPT	0.001
Au-120#R	FA-MS	15%	OPT	0.001
AuCALC	FA-MS	15%	OPT	0.001

SIGNATORY : Susan King M.S.

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP047969

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : 97-406

REPORTED : 9 FEB 1998

SAMPLES	WT+120# FA-MS GRAMS	WT-120# FA-MS GRAMS	Au+120# FA-MS OPT	Au-120# FA-MS OPT	Au-120#R FA-MS OPT	AuCALC FA-MS OPT
97-406 380-385	94.1	305.4	0.390	0.085	0.071	0.152

American Assay Laboratories

INVOICE

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

AMERICAN ASSAY LABORATORIES
1500 GLENDALE AVE.
SPARKS, NV 89431

(702) 356-0606

INVOICE NO: SP 0047969-IN
INVOICE DATE: 02/11/98

INVOICE TO:
NEWMONT EXPLORATION LTD.

861 W. 6TH STREET
WINNEMUCCA NV 89445

NEWMONT EXPLORATION LTD.

861 W. 6TH STREET
WINNEMUCCA NV 89445

CUSTOMER P.O.	PROJECT	TERMS
97-406	ROSEBUD EXPLOR.	NET 30 - DUE IN U.S. DOLLARS

QUANTITY	DESCRIPTION	PRICE	AMOUNT
1	SAMPLES RECEIVED	.00	.00
1	NO PREPARATION REQUIRED	.00	.00
1	Screen fire assay for Au	40.00	40.00

NET INVOICE:	40.00
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ANALYSIS REPORT SP046409

American Assay Laboratories

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Ph.(702) 356-0606, Fax.(702) 356-1413

NEWMONT GOLD COMPANY

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

CLIENT REFERENCE No: 97-406 RECEIVED : 22 SEP 1997

No. SAMPLES : 300 REPORTED : 22 SEP 1997

MAIN SAMPLE TYPE : DRILL CUTTINGS

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

ANALYSIS	ANALYTICAL METHOD	QUALITY PARAMETER	UNIT	DETECTION
Au	FA30	15%	ppb	5
Au(R)	FA30	15%	ppb	5
Au(OZ)	FA30	15%	OPT	0.001
Au(RZ)	FA30	15%	OPT	0.001
Ag	D210	10%	ppm	0.5
Ag(OZ)	D210	10%	OPT	0.02

SIGNATORY : Susan King M.S.

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ANALYSIS REPORT SP046409

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CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
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SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-406 0000-0005	<5		<0.001		<0.5	<0.02
RS-406 0005-0010	<5		<0.001		<0.5	<0.02
RS-406 0010-0015	<5		<0.001		<0.5	<0.02
RS-406 0015-0020	<5		<0.001		<0.5	<0.02
RS-406 0020-0025	<5		<0.001		<0.5	<0.02
RS-406 0025-0030	<5		<0.001		<0.5	<0.02
RS-406 0030-0035	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-406 0035-0040	<5		<0.001		<0.5	<0.02
RS-406 0040-0045	<5		<0.001		<0.5	<0.02
RS-406 0045-0050	<5		<0.001		<0.5	<0.02
RS-406 0050-0055	<5		<0.001		<0.5	<0.02
RS-406 0055-0060	<5		<0.001		<0.5	<0.02
RS-406 0060-0065	<5		<0.001		<0.5	<0.02
RS-406 0065-0070	<5		<0.001		<0.5	<0.02
RS-406 0070-0075	<5		<0.001		<0.5	<0.02
RS-406 0075-0080	<5		<0.001		<0.5	<0.02
RS-406 0080-0085	<5		<0.001		<0.5	<0.02
RS-406 0085-0090	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-406 0090-0095	<5		<0.001		<0.5	<0.02
RS-406 0095-0100	<5		<0.001		<0.5	<0.02
RS-406 0100-0105	<5		<0.001		<0.5	<0.02
RS-406 0105-0110	<5		<0.001		<0.5	<0.02
RS-406 0110-0115	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-406 0115-0120	<5		<0.001		<0.5	<0.02
RS-406 0120-0125	<5		<0.001		<0.5	<0.02

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SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-406 0125-0130	<5		<0.001		<0.5	<0.02
RS-406 0130-0135	<5		<0.001		<0.5	<0.02
RS-406 0135-0140	<5		<0.001		<0.5	<0.02
RS-406 0140-0145	<5		<0.001		<0.5	<0.02
RS-406 0145-0150	<5		<0.001		<0.5	<0.02
RS-406 0150-0155	<5		<0.001		<0.5	<0.02
RS-406 0155-0160	<5		<0.001		<0.5	<0.02
RS-406 0160-0165	<5		<0.001		<0.5	<0.02
RS-406 0165-0170	<5		<0.001		<0.5	<0.02
RS-406 0170-0175	<5		<0.001		<0.5	<0.02
RS-406 0175-0180	<5		<0.001		<0.5	<0.02
RS-406 0180-0185	<5		<0.001		<0.5	<0.02
RS-406 0185-0190	<5		<0.001		<0.5	<0.02
RS-406 0190-0195	<5		<0.001		<0.5	<0.02
RS-406 0195-0200	<5		<0.001		<0.5	<0.02
RS-406 0200-0205	<5		<0.001		<0.5	<0.02
RS-406 0205-0210	<5		<0.001		<0.5	<0.02
RS-406 0210-0215	<5		<0.001		<0.5	<0.02
RS-406 0215-0220	<5		<0.001		<0.5	<0.02
RS-406 0220-0225	<5		<0.001		<0.5	<0.02
RS-406 0225-0230	<5		<0.001		<0.5	<0.02
RS-406 0230-0235	<5		<0.001		<0.5	<0.02
RS-406 0235-0240	<5		<0.001		<0.5	<0.02
RS-406 0240-0245	<5		<0.001		<0.5	<0.02
RS-406 0245-0250	<5		<0.001		<0.5	<0.02

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SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-406 0250-0255	<5		<0.001		<0.5	<0.02
RS-406 0255-0260	<5		<0.001		<0.5	<0.02
RS-406 0260-0265	<5		<0.001		<0.5	<0.02
RS-406 0265-0270	15		<0.001		<0.5	<0.02
RS-406 0270-0275	89		0.003		2.4	0.07
RS-406 0275-0280	57		0.002		1.4	0.04
RS-406 0280-0285	157		0.005		1.8	0.05
RS-406 0285-0290	65		0.002		1.1	0.03
RS-406 0290-0295	<5		<0.001		<0.5	<0.02
RS-406 0295-0300	<5		<0.001		<0.5	<0.02
RS-406 0300-0305	<5		<0.001		<0.5	<0.02
RS-406 0305-0310	<5		<0.001		<0.5	<0.02
RS-406 0310-0315	10		<0.001		<0.5	<0.02
RS-406 0315-0320	19		<0.001		1.4	0.04
RS-406 0320-0325	51	50	0.001	0.001	2.3	0.07
RS-406 0325-0330	42		0.001		0.9	0.03
RS-406 0330-0335	<5		<0.001		<0.5	<0.02
RS-406 0335-0340	<5		<0.001		<0.5	<0.02
RS-406 0340-0345	<5		<0.001		<0.5	<0.02
RS-406 0345-0350	13		<0.001		<0.5	<0.02
RS-406 0350-0355	<5		<0.001		<0.5	<0.02
RS-406 0355-0360	8		<0.001		0.6	<0.02
RS-406 0360-0365	<5		<0.001		<0.5	<0.02
RS-406 0365-0370	1115	1188	0.033	0.035	4.0	0.12
RS-406 0370-0375	47		0.001		1.3	0.04

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SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-406 0375-0380	992		0.029		1.9	0.06
RS-406 0380-0385	7234		0.211		21.3	0.62
RS-406 0385-0390	150		0.004		4.6	0.13
RS-406 0390-0395	27		<0.001		1.7	0.05
RS-406 0395-0400	97		0.003		<0.5	<0.02
RS-406 0400-0405	<5		<0.001		0.5	<0.02
RS-406 0405-0410	14		<0.001		1.5	0.04
RS-406 0410-0415	8		<0.001		1.0	0.03
RS-406 0415-0420	7		<0.001		<0.5	<0.02
RS-406 0420-0425	74		0.002		<0.5	<0.02
RS-406 0425-0430	27	26	<0.001	<0.001	2.6	0.08
RS-406 0430-0435	13		<0.001		0.7	0.02
RS-406 0435-0440	9		<0.001		<0.5	<0.02
RS-406 0440-0445	9		<0.001		1.0	0.03
RS-406 0445-0450	17		<0.001		4.3	0.13
RS-406 0450-0455	12		<0.001		<0.5	<0.02
RS-406 0455-0460	7		<0.001		3.7	0.11
RS-406 0460-0465	<5		<0.001		<0.5	<0.02
RS-406 0465-0470	24		<0.001		8.1	0.24
RS-406 0470-0475	<5		<0.001		0.5	<0.02
RS-406 0475-0480	<5		<0.001		<0.5	<0.02
RS-406 0480-0485	<5		<0.001		<0.5	<0.02
RS-406 0485-0490	7		<0.001		1.1	0.03
RS-406 0490-0495	11		<0.001		0.5	<0.02
RS-406 0495-0500	<5		<0.001		<0.5	<0.02

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SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-406 0500-0505	<5		<0.001		<0.5	<0.02
RS-406 0505-0510	<5		<0.001		1.8	0.05
RS-406 0510-0515	<5		<0.001		0.5	<0.02
RS-406 0515-0520	<5		<0.001		<0.5	<0.02
RS-406 0520-0525	<5		<0.001		<0.5	<0.02
RS-406 0525-0530	9		<0.001		1.5	0.04
RS-406 0530-0535	<5		<0.001		<0.5	<0.02
RS-406 0535-0540	5		<0.001		1.3	0.04
RS-406 0540-0545	<5		<0.001		<0.5	<0.02
RS-406 0545-0550	7		<0.001		1.1	0.03
RS-406 0550-0555	10		<0.001		1.5	0.04
RS-406 0555-0560	<5		<0.001		<0.5	<0.02
RS-406 0560-0565	7		<0.001		<0.5	<0.02
RS-406 0565-0570	<5		<0.001		1.1	0.03
RS-406 0570-0575	<5		<0.001		<0.5	<0.02
RS-406 0575-0580	12		<0.001		1.4	0.04
RS-406 0580-0585	<5		<0.001		0.5	<0.02
RS-406 0585-0590	7		<0.001		3.2	0.09
RS-406 0590-0595	<5		<0.001		0.5	<0.02
RS-406 0595-0600	<5		<0.001		<0.5	<0.02
RS-406 0600-0605	51		0.001		1.5	0.04
RS-406 0605-0610	32		<0.001		12.8	0.37
RS-406 0610-0615	7		<0.001		0.9	0.03
RS-406 0615-0620	<5		<0.001		<0.5	<0.02
RS-406 0620-0625	<5		<0.001		<0.5	<0.02

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SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-406 0625-0630	37		0.001		15.3	0.45
RS-406 0630-0635	<5		<0.001		1.6	0.05
RS-406 0635-0640	14		<0.001		1.0	0.03
RS-406 0640-0645	<5		<0.001		<0.5	<0.02
RS-406 0645-0650	42		0.001		21.0	0.61
RS-406 0650-0655	32		<0.001		3.4	0.10
RS-406 0655-0660	87		0.003		2.8	0.08
RS-406 0660-0665	153		0.004		3.5	0.10
RS-406 0665-0670	24		<0.001		1.6	0.05
RS-406 0670-0675	15		<0.001		0.6	<0.02
RS-406 0675-0680	<5		<0.001		<0.5	<0.02
RS-406 0680-0685	<5		<0.001		<0.5	<0.02
RS-406 0685-0690	14		<0.001		0.7	0.02
RS-406 0690-0695	<5		<0.001		<0.5	<0.02
RS-406 0695-0700	<5		<0.001		<0.5	<0.02
RS-406 0700-0705	<5		<0.001		<0.5	<0.02
RS-406 0705-0710	22		<0.001		1.8	0.05
RS-406 0710-0715	<5		<0.001		<0.5	<0.02
RS-406 0715-0720	<5		<0.001		0.9	0.03
RS-406 0720-0725	<5		<0.001		0.5	<0.02
RS-406 0725-0730	<5		<0.001		0.5	<0.02
RS-406 0730-0735	<5		<0.001		<0.5	<0.02
RS-406 0735-0740	18		<0.001		1.1	0.03
RS-406 0740-0745	12		<0.001		0.8	0.02
RS-406 0745-0750	14		<0.001		7.8	0.23

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SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-406 0750-0755	<5		<0.001		1.0	0.03
RS-406 0755-0760	<5		<0.001		0.5	<0.02
RS-406 0760-0765	<5		<0.001		<0.5	<0.02
RS-406 0765-0770	<5		<0.001		1.2	0.04
RS-406 0770-0775	<5		<0.001		2.3	0.07
RS-406 0775-0780	<5		<0.001		<0.5	<0.02
RS-406 0780-0785	<5		<0.001		1.0	0.03
RS-406 0785-0790	<5		<0.001		1.1	0.03
RS-406 0790-0795	<5		<0.001		<0.5	<0.02
RS-406 0795-0800	<5		<0.001		<0.5	<0.02
RS-406 0800-0805	<5		<0.001		<0.5	<0.02
RS-406 0805-0810	6		<0.001		0.6	<0.02
RS-406 0810-0815	<5		<0.001		0.9	0.03
RS-406 0815-0820	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-406 0820-0825	<5		<0.001		1.3	0.04
RS-406 0825-0830	<5		<0.001		<0.5	<0.02
RS-406 0830-0835	<5		<0.001		1.3	0.04
RS-406 0835-0840	5		<0.001		2.1	0.06
RS-406 0840-0845	6		<0.001		3.9	0.11
RS-406 0845-0850	<5		<0.001		0.9	0.03
RS-406 0850-0855	<5		<0.001		1.0	0.03
RS-406 0855-0860	<5		<0.001		1.0	0.03
RS-406 0860-0865	<5		<0.001		<0.5	<0.02
RS-406 0865-0870	<5		<0.001		0.8	0.02
RS-406 0870-0875	<5		<0.001		0.8	0.02

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SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-406 0875-0880	<5	<5	<0.001	<0.001	0.6	<0.02
RS-406 0880-0885	<5		<0.001		<0.5	<0.02
RS-406 0885-0890	<5		<0.001		<0.5	<0.02
RS-406 0890-0895	<5		<0.001		<0.5	<0.02
RS-406 0895-0900	<5		<0.001		<0.5	<0.02
RS-406 0900-0905	<5		<0.001		<0.5	<0.02
RS-406 0905-0910	<5		<0.001		<0.5	<0.02
RS-406 0910-0915	<5		<0.001		<0.5	<0.02
RS-406 0915-0920	<5		<0.001		<0.5	<0.02
RS-406 0920-0925	<5		<0.001		<0.5	<0.02
RS-406 0925-0930	<5		<0.001		<0.5	<0.02
RS-406 0930-0935	<5		<0.001		<0.5	<0.02
RS-406 0935-0940	<5		<0.001		<0.5	<0.02
RS-406 0940-0945	<5		<0.001		<0.5	<0.02
RS-406 0945-0950	<5		<0.001		<0.5	<0.02
RS-406 0950-0955	<5		<0.001		<0.5	<0.02
RS-406 0955-0960	<5		<0.001		<0.5	<0.02
RS-406 0960-0965	<5		<0.001		0.8	0.02
RS-406 0965-0970	<5		<0.001		<0.5	<0.02
RS-406 0970-0975	<5		<0.001		<0.5	<0.02
RS-406 0975-0980	<5		<0.001		<0.5	<0.02
RS-406 0980-0985	<5		<0.001		<0.5	<0.02
RS-406 0985-0990	<5		<0.001		1.4	0.04
RS-406 0990-0995	<5		<0.001		<0.5	<0.02
RS-406 0995-1000	<5		<0.001		<0.5	<0.02

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SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-406 1000-1005	<5		<0.001		<0.5	<0.02
RS-406 1005-1010	<5		<0.001		<0.5	<0.02
RS-406 1010-1015	<5		<0.001		<0.5	<0.02
RS-406 1015-1020	<5		<0.001		0.6	<0.02
RS-406 1020-1025	<5		<0.001		0.6	<0.02
RS-406 1025-1030	<5		<0.001		<0.5	<0.02
RS-406 1030-1035	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-406 1035-1040	<5		<0.001		<0.5	<0.02
RS-406 1040-1045	<5		<0.001		<0.5	<0.02
RS-406 1045-1050	<5		<0.001		<0.5	<0.02
RS-406 1050-1055	<5		<0.001		<0.5	<0.02
RS-406 1055-1060	<5		<0.001		<0.5	<0.02
RS-406 1060-1065	<5		<0.001		<0.5	<0.02
RS-406 1065-1070	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-406 1070-1075	<5		<0.001		<0.5	<0.02
RS-406 1075-1080	<5		<0.001		<0.5	<0.02
RS-406 1080-1085	<5		<0.001		<0.5	<0.02
RS-406 1085-1090	<5		<0.001		<0.5	<0.02
RS-406 1090-1095	<5		<0.001		<0.5	<0.02
RS-406 1095-1100	<5		<0.001		<0.5	<0.02
RS-406 1100-1105	<5		<0.001		<0.5	<0.02
RS-406 1105-1110	<5		<0.001		<0.5	<0.02
RS-406 1110-1115	<5		<0.001		<0.5	<0.02
RS-406 1115-1120	5		<0.001		<0.5	<0.02
RS-406 1120-1125	22		<0.001		<0.5	<0.02

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REFERENCE : 97-406

REPORTED : 22 SEP 1997

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-406 1125-1130	<5		<0.001		<0.5	<0.02
RS-406 1130-1135	<5		<0.001		<0.5	<0.02
RS-406 1135-1140	<5		<0.001		<0.5	<0.02
RS-406 1140-1145	6		<0.001		<0.5	<0.02
RS-406 1145-1150	<5		<0.001		<0.5	<0.02
RS-406 1150-1155	<5		<0.001		<0.5	<0.02
RS-406 1155-1160	<5		<0.001		<0.5	<0.02
RS-406 1160-1165	21		<0.001		<0.5	<0.02
RS-406 1165-1170	<5		<0.001		<0.5	<0.02
RS-406 1170-1175	12		<0.001		<0.5	<0.02
RS-406 1175-1180	<5		<0.001		<0.5	<0.02
RS-406 1180-1185	14		<0.001		1.4	0.04
RS-406 1185-1190	236		0.007		1.0	0.03
RS-406 1190-1195	26		<0.001		1.0	0.03
RS-406 1195-1200	80		0.002		2.3	0.07
RS-406 1200-1205	114		0.003		2.1	0.06
RS-406 1205-1210	42		0.001		0.8	0.02
RS-406 1210-1215	102		0.003		<0.5	<0.02
RS-406 1215-1220	30		<0.001		<0.5	<0.02
RS-406 1220-1225	740	816	0.022	0.024	0.6	<0.02
RS-406 1225-1230	82	98	0.002	0.003	2.0	0.06
RS-406 1230-1235	87		0.003		1.1	0.03
RS-406 1235-1240	210		0.006		0.9	0.03
RS-406 1240-1245	127		0.004		1.7	0.05
RS-406 1245-1250	1076		0.031		2.3	0.07

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP046409

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : 97-406

REPORTED : 22 SEP 1997

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-406 1250-1255	227		0.007		<0.5	<0.02
RS-406 1255-1260	63		0.002		0.9	0.03
RS-406 1260-1265	289		0.008		1.9	0.06
RS-406 1265-1270	20		<0.001		<0.5	<0.02
RS-406 1270-1275	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-406 1275-1280	337		0.010		3.1	0.09
RS-406 1280-1285	36		0.001		0.8	0.02
RS-406 1285-1290	40		0.001		0.9	0.03
RS-406 1290-1295	32		<0.001		0.7	0.02
RS-406 1295-1300	21		<0.001		<0.5	<0.02
RS-406 1300-1305	113		0.003		1.3	0.04
RS-406 1305-1310	142	168	0.004	0.005	1.6	0.05
RS-406 1310-1315	31		<0.001		<0.5	<0.02
RS-406 1315-1320	44		0.001		<0.5	<0.02
RS-406 1320-1325	42	40	0.001	0.001	1.2	0.04
RS-406 1325-1330	27		<0.001		<0.5	<0.02
RS-406 1330-1335	17		<0.001		<0.5	<0.02
RS-406 1335-1340	112		0.003		<0.5	<0.02
RS-406 1340-1345	33		<0.001		0.6	<0.02
RS-406 1345-1350	<5		<0.001		<0.5	<0.02
RS-406 1350-1355	<5		<0.001		<0.5	<0.02
RS-406 1355-1360	<5		<0.001		<0.5	<0.02
RS-406 1360-1365	33		<0.001		<0.5	<0.02
RS-406 1365-1370	83		0.002		<0.5	<0.02
RS-406 1370-1375	8		<0.001		<0.5	<0.02

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP046409

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CLIENT : NEWMONT GOLD COMPANY
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REFERENCE : 97-406

REPORTED : 22 SEP 1997

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-406 1375-1380	13		<0.001		<0.5	<0.02
RS-406 1380-1385	32		<0.001		<0.5	<0.02
RS-406 1385-1390	23		<0.001		<0.5	<0.02
RS-406 1390-1395	17		<0.001		<0.5	<0.02
RS-406 1395-1400	52		0.002		<0.5	<0.02
RS-406 1400-1405	37		0.001		0.7	0.02
RS-406 1405-1410	24		<0.001		0.5	<0.02
RS-406 1410-1415	36		0.001		0.6	<0.02
RS-406 1415-1420	24		<0.001		0.9	0.03
RS-406 1420-1425	60		0.002		0.6	<0.02
RS-406 1425-1430	33		<0.001		<0.5	<0.02
RS-406 1430-1435	17		<0.001		<0.5	<0.02
RS-406 1435-1440	42		0.001		1.1	0.03
RS-406 1440-1445	27		<0.001		<0.5	<0.02
RS-406 1445-1450	18		<0.001		<0.5	<0.02
RS-406 1450-1455	<5		<0.001		<0.5	<0.02
RS-406 1455-1460	26		<0.001		<0.5	<0.02
RS-406 1460-1465	40		0.001		<0.5	<0.02
RS-406 1465-1470	44		0.001		<0.5	<0.02
RS-406 1470-1475	12		<0.001		<0.5	<0.02
RS-406 1475-1480	47		0.001		<0.5	<0.02
RS-406 1480-1485	34		<0.001		<0.5	<0.02
RS-406 1485-1490	12		<0.001		<0.5	<0.02
RS-406 1490-1495	14		<0.001		<0.5	<0.02
RS-406 1495-1500	136		0.004		<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	Sr	Th	Ti	U	V	W	Zn
SAMPLES	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppb	%	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	0.3	0.01	2	3	1	2	0.01	0.2	1	1	1	0.01	5	0.01	1	0.01	2	1	0.01	1	0.001	3	2	1	2	0.01	5	1	2	1

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

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

CLIENT: *NEWMONT EXPLORATION Ltd.*
CLIENT REF: ROSEBUD EXPLORATION
AAL REF: SP046409
METHOD: AAL 01-2

ELEMENT SAMPLES	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm
RS-406 0000-0020	< .3	1.01	7	11	112	< 3	0.77	0.4	5	10	18	2.68	55	0.25	29	0.19	586	2	0.2	5	0.043	25	3	70	5	0.03	< 8	25	2	82
RS-406 0020-0040	< .3	0.73	4	< 3	90	< 3	0.72	0.6	3	7	6	2.26	30	0.34	23	0.11	669	2	0.07	2	0.045	25	< 3	52	3	0.02	< 8	12	< 2	83
RS-406 0040-0060	< .3	0.61	4	3	134	< 3	1.5	0.5	2	9	7	2.38	50	0.36	22	0.1	626	1	0.05	3	0.042	38	< 3	75	5	0.03	< 8	11	< 2	58
RS-406 0060-0080	< .3	0.58	2	< 3	71	< 3	1.16	0.6	2	8	7	2.6	25	0.35	22	0.08	621	3	0.06	3	0.043	21	< 3	53	5	0.03	< 8	16	2	54
RS-406 0080-0100	< .3	0.56	3	< 3	68	< 3	0.86	0.9	2	10	8	2.74	15	0.32	24	0.08	539	3	0.07	3	0.045	21	< 3	36	5	0.03	< 8	17	2	59
RS-406 0100-0120	< .3	0.54	2	< 3	81	< 3	0.95	0.6	2	11	6	2.45	20	0.3	22	0.07	526	2	0.06	2	0.044	33	< 3	49	4	0.03	< 8	16	2	55
RS-406 0120-0140	< .3	0.5	4	< 3	477	< 3	1.07	0.5	2	8	8	2.67	15	0.31	21	0.05	533	< 1	0.06	3	0.044	25	< 3	63	4	0.04	< 8	18	< 2	51
RS-406 0140-0160	< .3	0.41	3	< 3	77	< 3	0.9	0.3	2	5	11	2.5	< 10	0.25	22	0.05	454	1	0.04	2	0.044	54	< 3	56	3	0.05	< 8	11	2	48
RS-406 0160-0180	< .3	0.38	< 2	< 3	57	< 3	1.56	0.3	2	7	7	2.48	20	0.24	25	0.05	629	< 1	0.03	2	0.049	35	< 3	71	4	0.06	< 8	11	2	31
RS-406 0180-0200	< .3	0.53	2	< 3	47	< 3	1.46	0.2	2	2	7	2.43	30	0.3	28	0.05	520	1	0.03	1	0.051	31	< 3	76	4	0.04	8	10	< 2	38
RS-406 0200-0220	< .3	0.46	2	< 3	49	< 3	2.07	0.5	2	7	8	2.31	15	0.29	28	0.05	755	1	0.04	1	0.046	36	< 3	90	2	0.04	< 8	10	< 2	41
RS-406 0220-0240	< .3	0.47	< 2	< 3	445	< 3	1.6	0.6	2	5	7	2.33	< 10	0.35	25	0.05	567	1	0.04	1	0.04	27	< 3	80	3	0.04	< 8	9	< 2	35
RS-406 0240-0260	< .3	0.59	2	< 3	153	< 3	1.73	0.6	2	6	8	2.04	15	0.33	28	0.06	880	< 1	0.04	1	0.041	28	< 3	102	3	0.02	< 8	5	< 2	39
RS-406 0260-0280	0.6	0.72	25	< 3	71	< 3	1.34	0.4	2	6	6	2.07	20	0.32	28	0.06	512	2	0.04	1	0.056	41	7	109	< 2	< .01	< 8	4	< 2	47
RS-406 0280-0300	0.5	0.96	22	< 3	46	< 3	1.11	0.7	2	3	8	2.12	25	0.4	28	0.11	557	1	0.04	< 1	0.054	43	5	127	2	< .01	< 8	5	< 2	84
RS-406 0300-0320	0.4	0.96	9	< 3	37	< 3	1.38	0.8	2	6	6	1.75	35	0.37	26	0.13	700	1	0.04	< 1	0.046	34	< 3	125	< 2	< .01	< 8	4	< 2	80
RS-406 0320-0340	0.8	0.81	12	< 3	54	< 3	1.49	0.6	2	< 1	6	1.87	20	0.32	22	0.11	551	1	0.04	1	0.05	38	4	123	2	< .01	< 8	3	< 2	61
RS-406 0340-0360	< .3	0.91	5	< 3	53	< 3	2.16	0.6	2	2	6	1.63	10	0.3	24	0.16	851	< 1	0.04	1	0.047	31	< 3	130	< 2	< .01	< 8	4	< 2	55
RS-406 0360-0380	0.9	0.75	65	< 3	39	< 3	0.94	0.3	2	2	6	1.74	80	0.28	21	0.1	325	4	0.04	1	0.043	30	4	119	< 2	< .01	< 8	1	< 2	82
RS-406 0380-0400	4.9	0.56	60	< 3	55	< 3	0.79	0.5	2	3	7	1.51	100	0.26	21	0.06	262	8	0.03	1	0.042	28	6	109	< 2	< .01	< 8	1	< 2	82
RS-406 0400-0420	0.5	0.69	11	< 3	48	< 3	1.82	0.3	1	4	5	1.6	10	0.23	27	0.1	648	1	0.04	1	0.044	35	< 3	129	< 2	< .01	< 8	3	< 2	33
RS-406 0420-0440	0.5	0.58	8	< 3	75	< 3	1.78	0.4	2	4	6	1.65	25	0.23	25	0.07	706	< 1	0.03	1	0.045	27	3	120	< 2	< .01	< 8	4	< 2	30
RS-406 0440-0460	0.5	0.39	6	< 3	82	< 3	1.45	0.3	1	4	6	1.56	20	0.22	27	0.05	491	< 1	0.04	1	0.042	35	< 3	103	3	0.03	< 8	5	< 2	21
RS-406 0460-0480	1.4	0.45	4	< 3	88	< 3	1.64	0.5	1	3	6	1.86	30	0.23	29	0.05	584	< 1	0.04	1	0.044	30	< 3	116	3	0.03	< 8	6	< 2	27
RS-406 0480-0500	0.4	0.55	3	< 3	90	< 3	1.5	0.3	1	2	6	1.78	< 10	0.26	30	0.07	527	< 1	0.05	1	0.044	33	< 3	128	3	0.03	< 8	6	< 2	20
RS-406 0500-0520	0.5	0.52	4	< 3	59	< 3	1.37	0.3	1	2	6	1.88	< 10	0.23	28	0.07	496	< 1	0.05	1	0.044	29	3	117	3	0.03	< 8	6	< 2	21
RS-406 0520-0540	< .3	0.45	4	< 3	76	< 3	1.57	0.2	1	6	9	2.6	< 10	0.21	27	0.05	538	< 1	0.05	3	0.043	30	3	106	3	0.03	< 8	7	< 2	23
RS-406 0540-0560	0.7	0.42	2	< 3	57	< 3	1.87	0.2	2	10	12	2.97	30	0.21	26	0.05	786	1	0.04	3	0.041	30	< 3	88	3	0.03	< 8	8	< 2	31
RS-406 0560-0580	0.8	0.38	< 2	< 3	56	< 3	1.91	< .2	2	9	12	2.79	10	0.22	26	0.04	640	2	0.04	3	0.038	29	< 3	92	5	0.03	< 8	8	< 2	33
RS-406 0580-0600	0.5	0.5	5	< 3	90	< 3	1.94	0.2	2	8	10	2.56	15	0.22	28	0.06	774	1	0.06	2	0.041	37	3	115	6	0.02	< 8	7	< 2	48
RS-406 0600-0620	4.2	0.81	8	< 3	91	< 3	1.37	< .2	2	5	11	2.61	40	0.25	23	0.06	644	1	0.07	3	0.042	38	6	95	3	< .01	< 8	5	< 2	74
RS-406 0620-0640	3.7	0.77	9	< 3	53	< 3	1.62	< .2	2	4	9	2.47	40	0.23	16	0.07	720	1	0.04	2	0.041	30	< 3	103	3	< .01	< 8	5	< 2	66
RS-406 0640-0660	5.7	0.67	48	< 3	56	< 3	0.78	0.4	2	3	10	2.67	70	0.21	11	0.05	469	4	0.05	2	0.04	33	5	108	< 2	< .01	< 8	3	< 2	111
RS-406 0660-0680	0.8	0.71	44	< 3	42	< 3	0.8	< .2	2	5	9	2.84	30	0.23	19	0.05	416	3	0.05	2	0.041	31	3	89	2	< .01	< 8	5	< 2	73
STANDARD C3	5.3	1.87	48	16	132	18	0.56	22.5	12	177	66	3.24	915	0.16	19	0.58	724	25	0.04	36	0.086	38	16	29	16	0.1	13	80	18	154

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

CLIENT: *NEWMONT EXPLORATION Ltd.*
CLIENT REF: ROSEBUD EXPLORATION
AAL REF: SP046409
METHOD: AAL 01-2

ELEMENT SAMPLES	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm
RS-406 0680-0700	< .3	0.48	5	< 3	67	< 3	1.98	< .2	1	4	6	2.2	15	0.23	26	0.05	741	1	0.04	2	0.04	40	< 3	113	5	0.02	< 8	7	< 2	41
RS-406 0700-0720	0.6	0.41	< 2	< 3	61	< 3	1.61	< .2	1	6	6	2.47	15	0.21	28	0.04	476	1	0.05	2	0.041	38	< 3	105	8	0.03	< 8	10	< 2	24
RS-406 0720-0740	< .3	0.4	4	< 3	60	< 3	1.8	< .2	1	1	6	2.29	35	0.2	27	0.03	568	< 1	0.04	2	0.041	29	3	112	7	0.02	< 8	10	< 2	23
RS-406 0740-0760	2.2	0.34	3	< 3	116	< 3	1.5	< .2	1	3	5	2.33	40	0.17	27	0.03	446	1	0.04	2	0.041	24	3	106	4	0.03	< 8	10	< 2	18
RS-406 0760-0780	0.5	0.55	4	< 3	76	< 3	1.7	0.4	2	4	5	2.49	45	0.26	30	0.04	675	< 1	0.04	2	0.051	28	5	107	3	0.03	< 8	9	< 2	26
RS-406 0780-0800	< .3	0.32	4	< 3	97	< 3	1.37	0.5	1	4	4	2.3	25	0.18	27	0.03	772	1	0.04	1	0.044	23	4	79	4	0.03	< 8	9	< 2	19
RS-406 0800-0820	< .3	0.34	2	< 3	74	< 3	0.68	0.2	1	3	5	2.35	20	0.2	30	0.03	311	< 1	0.04	2	0.044	22	3	68	2	0.04	< 8	10	< 2	17
RS-406 0820-0840	0.4	0.47	4	< 3	99	< 3	1.47	0.3	1	2	4	2.17	75	0.22	32	0.04	647	< 1	0.05	1	0.045	29	4	125	2	0.03	< 8	8	< 2	14
RS-406 0840-0860	1	0.52	3	< 3	117	< 3	1	0.3	1	6	5	2.01	65	0.25	33	0.05	446	< 1	0.07	2	0.047	32	3	149	3	0.03	< 8	9	< 2	19
RS-406 0860-0880	< .3	0.53	3	< 3	71	< 3	1.05	0.2	1	3	5	1.95	70	0.28	33	0.05	484	< 1	0.05	1	0.048	27	< 3	142	3	0.03	< 8	8	< 2	23
RS-406 0880-0900	< .3	1.05	4	< 3	66	< 3	1.42	0.3	2	2	3	1.72	90	0.5	33	0.11	635	< 1	0.06	1	0.042	28	< 3	174	< 2	0.02	< 8	5	< 2	39
RS-406 0900-0920	< .3	1.18	4	3	63	< 3	1.43	0.7	2	4	5	1.81	30	0.53	30	0.13	706	< 1	0.07	1	0.038	19	< 3	178	< 2	0.02	< 8	4	< 2	48
RS-406 0920-0940	< .3	0.82	3	< 3	64	< 3	1.01	0.7	1	7	5	1.89	95	0.46	33	0.07	516	< 1	0.07	2	0.036	19	< 3	120	4	0.02	< 8	5	< 2	35
RS-406 0940-0960	0.3	0.74	11	< 3	138	< 3	1.53	0.4	2	5	10	1.84	295	0.4	28	0.1	472	1	0.06	4	0.024	52	< 3	161	5	0.01	< 8	5	3	36
RS-406 0960-0980	0.3	0.74	9	3	690	< 3	1.69	0.8	2	5	8	1.08	40	0.34	25	0.12	593	1	0.05	3	0.016	32	< 3	234	5	< .01	< 8	2	< 2	37
RS-406 0980-1000	< .3	0.56	12	< 3	61	< 3	0.23	< .2	1	6	5	1.11	35	0.32	26	0.02	333	9	0.03	2	0.016	33	3	102	7	< .01	< 8	1	< 2	34
RS-406 1000-1020	< .3	0.55	17	< 3	75	< 3	0.27	0.3	1	5	5	1.36	45	0.33	28	0.03	715	< 1	0.02	2	0.021	31	< 3	96	6	< .01	< 8	1	< 2	36
RS-406 1020-1040	< .3	0.71	10	< 3	183	< 3	0.24	< .2	1	6	5	1.4	30	0.34	28	0.03	281	9	0.03	2	0.021	33	3	106	6	< .01	< 8	2	< 2	33
RS-406 1040-1060	0.3	0.49	10	< 3	230	< 3	1.28	0.4	1	8	6	1.62	55	0.26	33	0.03	528	1	0.04	2	0.02	32	< 3	138	6	0.01	< 8	2	< 2	24
RS-406 1060-1080	< .3	0.41	4	< 3	80	< 3	2.44	0.9	1	4	4	1.77	25	0.23	43	0.03	606	1	0.04	2	0.023	25	< 3	147	9	0.03	< 8	2	< 2	22
RS-406 1080-1100	< .3	0.43	6	< 3	121	< 3	1.49	0.5	1	6	4	1.77	30	0.22	45	0.02	332	1	0.05	1	0.024	26	3	127	11	0.02	< 8	3	< 2	22
RS-406 1100-1120	0.3	0.44	7	< 3	75	< 3	1.53	0.9	1	5	5	1.87	15	0.23	43	0.03	520	1	0.05	1	0.022	24	< 3	107	8	0.02	< 8	3	< 2	26
RS-406 1120-1140	< .3	0.65	< 2	< 3	141	< 3	1.33	0.7	1	7	6	1.88	40	0.34	38	0.05	544	< 1	0.07	2	0.041	26	< 3	111	7	0.02	< 8	7	< 2	48
RS-406 1140-1160	< .3	0.63	2	< 3	78	< 3	1.26	0.7	1	7	4	1.87	10	0.39	37	0.05	476	< 1	0.06	2	0.031	24	< 3	98	6	0.03	< 8	5	< 2	48
RS-406 1160-1180	0.4	0.8	11	< 3	143	< 3	1.75	0.8	1	6	7	1.63	35	0.37	36	0.12	818	1	0.08	3	0.02	28	< 3	177	5	< .01	< 8	3	< 2	63
RS-406 1180-1200	1	0.87	18	< 3	90	< 3	1.5	0.9	2	8	7	1.69	10	0.4	33	0.1	613	2	0.06	4	0.027	26	< 3	185	3	< .01	< 8	3	< 2	78
RS-406 1200-1220	0.8	0.56	27	< 3	49	< 3	12.66	0.6	3	1	7	1.56	50	0.22	11	0.15	1911	< 1	0.02	3	0.013	32	3	364	< 2	< .01	< 8	2	< 2	72
RS-406 1220-1240	0.9	0.34	104	< 3	74	< 3	8.83	0.3	2	4	6	1.68	20	0.17	16	0.06	1480	15	0.03	3	0.004	28	3	245	< 2	< .01	< 8	< 1	< 2	60
RS-406 1240-1260	0.9	0.52	155	< 3	53	< 3	0.37	< .2	1	7	7	2.21	20	0.24	50	0.04	193	1	0.04	3	0.009	23	3	94	9	< .01	8	1	< 2	70
RS-406 1260-1280	0.8	0.65	110	< 3	70	< 3	1.77	< .2	1	7	7	2.11	30	0.24	48	0.08	837	2	0.03	3	0.01	23	< 3	150	8	< .01	< 8	2	< 2	69
RS-406 1280-1300	0.4	0.66	48	< 3	81	< 3	0.76	< .2	1	7	5	2.09	65	0.25	48	0.03	642	3	0.02	4	0.008	30	< 3	97	9	< .01	< 8	1	< 2	80
RS-406 1300-1320	1.2	0.6	81	< 3	42	< 3	1.1	< .2	1	10	9	2	35	0.24	51	0.04	608	3	0.03	4	0.008	66	3	121	11	< .01	< 8	2	< 2	80
RS-406 1320-1340	0.6	0.77	41	< 3	55	< 3	0.82	< .2	1	10	7	2.09	190	0.28	60	0.05	505	9	0.04	4	0.009	29	< 3	104	14	< .01	< 8	1	< 2	73
RS-406 1340-1360	< .3	0.82	16	< 3	35	< 3	1.25	< .2	1	9	6	2.13	90	0.31	70	0.05	626	3	0.05	3	0.009	30	< 3	131	15	< .01	< 8	2	< 2	82
STANDARD C3	5.6	1.93	53	17	138	15	0.58	22.7	13	174	68	3.35	960	0.16	21	0.6	753	25	0.04	38	0.087	37	16	30	16	0.1	16	85	17	152

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

CLIENT:	*NEWMONT EXPLORATION Ltd.*
CLIENT REF:	ROSEBUD EXPLORATION
AAL REF:	SP046409
METHOD:	AAL 01-2

ELEMENT SAMPLES	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm
RS-406 1360-1380	< .3	0.68	20	3	37	< 3	1.14	< .2	1	9	7	1.88	115	0.32	64	0.04	607	3	0.05	3	0.009	27	< 3	110	14	< .01	17	1	< 2	72
RS-406 1380-1400	0.4	0.69	29	3	107	< 3	0.96	< .2	1	13	7	1.85	105	0.27	57	0.04	624	5	0.02	5	0.01	29	< 3	108	12	< .01	12	1	< 2	83
RS-406 1400-1420	0.7	0.59	38	< 3	58	< 3	0.68	< .2	1	8	6	1.81	45	0.26	51	0.03	455	7	0.02	3	0.009	31	4	95	10	< .01	13	1	< 2	77
RS-406 1420-1440	1.8	0.62	46	3	60	< 3	1.47	0.2	1	6	6	1.84	75	0.25	44	0.05	841	3	0.02	3	0.008	35	< 3	157	8	< .01	< 8	1	< 2	81
RS-406 1440-1460	0.6	0.62	28	5	88	< 3	0.6	< .2	1	12	7	1.78	110	0.27	50	0.04	536	4	0.02	3	0.009	34	< 3	106	10	< .01	9	1	< 2	53
RS-406 1460-1480	0.6	0.73	28	4	99	< 3	0.48	0.4	1	9	7	2.03	620	0.25	46	0.04	779	4	0.02	2	0.017	32	3	103	10	< .01	8	1	< 2	94
RS-406 1480-1500	0.4	0.83	21	4	84	3	1.13	0.5	1	8	6	1.97	160	0.25	47	0.05	985	3	0.02	2	0.017	34	< 3	127	11	< .01	8	1	< 2	95

xAMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP047791

American Assay Laboratories

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

NEWMONT GOLD COMPANY

COPIES TO : RANDY VANCE
: KURT ALLEN
:
:

CLIENT REFERENCE No: RS-406 RECEIVED : 24 DEC 1997

No. SAMPLES : 38 REPORTED : 24 DEC 1997

MAIN SAMPLE TYPE : DRILL CORE

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

ANALYSIS	ANALYTICAL METHOD	QUALITY PARAMETER	UNIT	DETECTION
Au	FA30	15%	ppb	5
Au(R)	FA30	15%	ppb	5
Au(OZ)	FA30	15%	OPT	0.001
Au(RZ)	FA30	15%	OPT	0.001
Ag	D210	10%	ppm	0.5
Ag(OZ)	D210	10%	OPT	0.02

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP047791

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-406

REPORTED : 24 DEC 1997

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-406 1500.0-1503.5	<5		<0.001		0.8	0.02
RS-406 1503.5-1508.5	<5		<0.001		<0.5	<0.02
RS-406 1508.5-1511.0	<5		<0.001		<0.5	<0.02
RS-406 1511.0-1513.5	<5		<0.001		<0.5	<0.02
RS-406 1513.5-1518.5	<5		<0.001		<0.5	<0.02
RS-406 1518.5-1523.5	<5		<0.001		<0.5	<0.02
RS-406 1523.5-1528.5	<5		<0.001		<0.5	<0.02
RS-406 1528.5-1533.5	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-406 1533.5-1540.0	<5		<0.001		<0.5	<0.02
RS-406 1540-1545	<5		<0.001		<0.5	<0.02
RS-406 1545-1550	<5		<0.001		<0.5	<0.02
RS-406 1550-1555	<5		<0.001		<0.5	<0.02
RS-406 1555-1560	<5		<0.001		<0.5	<0.02
RS-406 1560-1565	<5		<0.001		<0.5	<0.02
RS-406 1565-1570	<5		<0.001		<0.5	<0.02
RS-406 1570-1575	<5		<0.001		<0.5	<0.02
RS-406 1575-1580	<5		<0.001		<0.5	<0.02
RS-406 1580-1585	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-406 1585-1590	<5		<0.001		<0.5	<0.02
RS-406 1590-1595	<5		<0.001		<0.5	<0.02
RS-406 1595-1600	<5		<0.001		<0.5	<0.02
RS-406 1600-1605	<5		<0.001		<0.5	<0.02
RS-406 1605-1610	<5		<0.001		<0.5	<0.02
RS-406 1610-1615	<5		<0.001		<0.5	<0.02
RS-406 1615-1620	<5		<0.001		<0.5	<0.02

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP047791

American Assay Laboratories

CLIENT : NEWMONT GOLD COMPANY
PROJECT : ROSEBUD
REFERENCE : RS-406

REPORTED : 24 DEC 1997

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	Ag D210 ppm	Ag(OZ) D210 OPT
RS-406 1620-1625	<5		<0.001		<0.5	<0.02
RS-406 1625-1630	<5		<0.001		<0.5	<0.02
RS-406 1630-1635	<5	<5	<0.001	<0.001	<0.5	<0.02
RS-406 1635-1640	<5		<0.001		<0.5	<0.02
RS-406 1640-1645	<5		<0.001		<0.5	<0.02
RS-406 1645-1650	<5		<0.001		<0.5	<0.02
RS-406 1650-1655	<5		<0.001		<0.5	<0.02
RS-406 1655-1660	<5		<0.001		<0.5	<0.02
RS-406 1660-1665	<5		<0.001		<0.5	<0.02
RS-406 1665.0-1668.3	<5		<0.001		<0.5	<0.02
RS-406 1668.3-1672.0	<5		<0.001		1.4	0.04
RS-406 1672-1677	<5		<0.001		1.5	0.04
RS-406 1677-1683	<5		<0.001		5.9	0.17

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	Te	Th	Ti	U	V	W	Zn
SAMPLES	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppb	%	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	0.3	0.01	2	3	1	2	0.01	0.2	1	1	1	0.01	5	0.01	1	0.01	2	1	0.01	1	0.001	3	2	0.2	1	0.3	2	0.01	5	1	2	1

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

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

CLIENT: *NEWMONT GOLD COMPANY*
CLIENT REF: ROSEBUD EXPLORATION
AAL REF: SP047791
METHOD: AAL 01-2 + Se & Te

ELEMENT	Ag	Al	As	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Te	Th	Ti	U	V	W	Zn
SAMPLES	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppb	%	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RS-406 1500.0-1513.5	0.5	0.83	9	< 3	483	< 3	1.12	0.7	1	7	5	1.83	40	0.29	53	0.04	1341	1	0.03	1	0.015	22	3	0.5	141	< .2	15	< .01	< 8	1	< 2	103
RS-406 1513.5-1533.5	0.5	0.69	14	< 3	33	< 3	0.72	0.5	1	9	6	1.99	15	0.23	69	0.03	973	3	0.04	2	0.011	21	3	0.5	96	< .2	18	< .01	< 8	1	< 2	86
RS-406 1533.5-1555.0	< .3	0.68	15	< 3	54	< 3	1.18	0.3	3	5	4	1.45	10	0.28	72	0.04	775	2	0.05	2	0.009	21	4	0.1	154	0.4	17	< .01	< 8	1	< 2	68
RS-406 1555-1575	< .3	0.78	26	< 3	44	< 3	1.3	1.1	6	6	6	2.28	60	0.24	68	0.04	1272	3	0.05	3	0.009	18	< 3	0.1	161	< .2	17	< .01	8	1	< 2	677
RS-406 1575-1595	0.3	0.94	3	< 3	45	< 3	0.71	0.5	1	6	4	1.89	30	0.23	74	0.04	1122	3	0.04	1	0.01	18	< 3	0.2	159	< .2	19	< .01	< 8	< 1	< 2	173
RS-406 1595-1615	< .3	0.88	5	< 3	33	< 3	0.98	0.2	< 1	6	5	1.82	20	0.27	70	0.04	1138	1	0.04	1	0.011	18	< 3	0.3	139	< .2	18	< .01	< 8	< 1	< 2	84
RS-406 1615-1635	< .3	0.83	3	< 3	38	< 3	0.63	0.5	< 1	7	5	1.92	< 10	0.27	74	0.04	952	2	0.05	1	0.013	18	< 3	0.3	107	< .2	17	< .01	< 8	1	< 2	86
RS-406 1635-1655	< .3	0.97	3	< 3	81	< 3	1.09	0.3	< 1	6	4	1.72	20	0.3	72	0.08	743	2	0.05	1	0.011	21	< 3	0.1	170	0.3	17	< .01	< 8	< 1	< 2	81
RS-406 1655-1672	0.5	0.98	16	< 3	46	< 3	0.97	2.3	3	7	23	1.95	35	0.31	55	0.19	413	9	0.04	15	0.02	25	5	5.6	201	< .2	14	< .01	< 8	9	< 2	205
RS-406 1672-1683	3.8	0.75	53	< 3	66	< 3	2.02	10.2	12	16	90	3.41	75	0.22	2	0.83	517	30	0.02	72	0.06	13	17	21.7	170	0.3	< 2	< .01	< 8	41	9	773
STANDARD C3	5.6	1.78	55	19	143	21	0.57	24.2	12	159	62	3.23	940	0.15	17	0.61	725	24	0.04	35	0.084	31	19	1.1	29	0.3	16	0.1	20	77	25	168
STANDARD G-1	< .3	1.02	< 2	< 3	251	< 3	0.61	< .2	4	81	3	2.03	< 10	0.5	6	0.65	544	2	0.08	8	0.078	< 3	< 3	< .1	73	< .2	3	0.14	< 8	41	< 2	48

American Assay Laboratories

INVOICE

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

AMERICAN ASSAY LABORATORIES
1500 GLENDALE AVE.
SPARKS, NV 89431

(702) 356-0606

INVOICE NO: SP 0047791-IN
INVOICE DATE: 01/21/98

INVOICE TO:
NEWMONT EXPLORATION LTD.

861 W. 6TH STREET
WINNEMUCCA NV 89445

NEWMONT EXPLORATION LTD.

861 W. 6TH STREET
WINNEMUCCA NV 89445

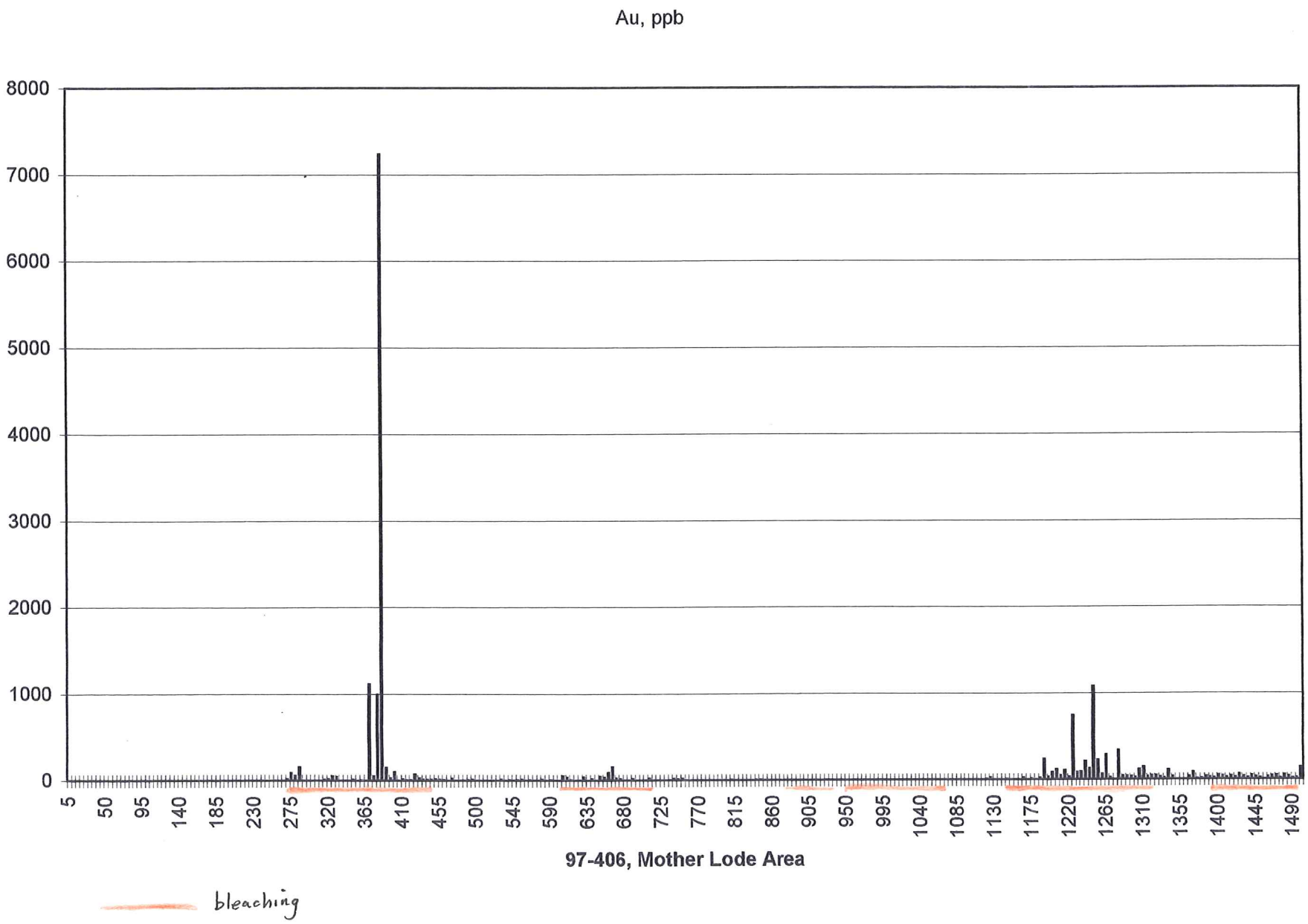
CUSTOMER P.O.	PROJECT	TERMS
RS-406	ROSEBUD EXPLOR.	NET 30 - DUE IN U.S. DOLLARS

QUANTITY	DESCRIPTION	PRICE	AMOUNT
38	SAMPLES RECEIVED	.00	.00
38	JAW CRUSHING CHARGE	1.30	49.40
38	SPLITTING CHARGE	1.20	45.60
38	FINE MILLING CHARGE	2.00	76.00
38	Au (1 A.T. FIRE ASSAY)	8.00	304.00
38	HYDROCHLORIC/NITRIC DIGESTION	2.00	76.00
38	Ag ANALYSES	1.00	38.00
38	COMPOSITE CHARGE	1.00	38.00
10	MULTI-ELEMENT ICP PACKAGE	9.80	98.00
10	Se ANALYSES	7.15	71.50

NET INVOICE:	796.50
LESS DISCOUNT:	[illegible].30
FREIGHT:	[illegible].00
INVOICE TOTAL	637.20

COPY

Au


Au, ppb
8000
7000
6000
5000
4000
3000
2000
1000
0
5
50
95
140
185
230
275
320
365
410
455
500
545
590
635
680
725
770
815
860
905
950
995
1040
1085
1130
1175
1220
1265
1310
1355
1400
1445
1490
97-406, Mother Lode Area
bleaching

NEWMONT EXPLORATION LIMITED — DRILL HOLE SUMMARY

Project: Rosebud | Location: Mother Lode | Drill Hole No.: RS-406

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

Purpose: Test Deep potential along min. Street | Results:

Date Started: | Date Finished: 9/18/97 RC 11/12/97 core

Grid System: State Plane | Northing: 2,206,190 | Easting: 480,800 | Elevation: 5,380

Collar Az/Inc.: → / -90 | Drill Site: H | Total Depth: 1683

Geologist(s): RLK (RC) RLK (Core) | Log Date(s): 10/10/97 12/18/97 | Laboratory: Rosebud Mine

HOLE CONSTRUCTION AND HISTORY — CASING (INTERVAL):

From	To	Hole Type/Size	Started	Completed	Contractor
0	1500	RC / 5 3/4	9/8/97	9/18/97	Eklund - J. Welch
1500	1683	core / HQ	11/6/97	11/12/97	Longyear
		/			
		/			

LITHOLOGIC SUMMARY / ALTERATION/MINERALIZATION

From	To	Formation	Rock Type	Alteration/Mineralization
265	440			Str. bleach & Sulfide
600	690			Str. Sulf. & bleach.
950	1050			" "
1160	1300			" "
1390	1470			" "
1500	1668.3		Rhyolite	
1668.3	1683	JKa	Blk Shale	

SIGNIFICANT ASSAYS

From	To	Width	Au oz/st	Cutoff
365	385	20'	.069	

DOWNHOLE SURVEYS

Directional — Date:

Other

Depth (ft)	Azimuth	Inclination
	See Instrument Reports	

Water Table Depth:

Water Flow Rate:

COMMENTS

JKa at 1668.3

Nearly fresh rhyolite 1610 – 1650, only a few white clay veinlets

WELLBORE NAVIGATION, INC.
WINNEMUCCA, NEVADA

GYROSCOPIC DIRECTIONAL SURVEY
BY MINIMUM CURVATURE

FOR

****
* NEWMONT EXPLORATION LTD. *
****

JOB NUMBER: 29-0521-311

WELL NAME: RS-406

LOCATION: ROSEBUD MINE

SURVEY DATE: 11/12/97

SURVEY ENGINEER: VERN REID

GYRO REFERENCE BEARING: 249.50

WELNAV

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

COMMENTS: ** BOART LONGYEAR **
***** MIKE JEX *****
**** MIKE PENTZ ****
PROJECTED F/1500' T/1685'.

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

WELLBORE NAVIGATION, INC.
WINNEMUCCA, NEVADA

JOB NUMBER: 29-0521-311 WELL NAME: RS-406

INRUN SURVEY
BY MINIMUM CURVATURE

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	L/R CLOS.	INCL HORZ	BEARING AZIMUTH	COORDINATES LATITUDE	COORDINATES DEPARTURE	D-LEG /100	D-LEG /CL	STATION DISP.	DISPLACEMENT DIRECTION	TEMP. DEG. F.
50.0	50.00	0.37	-0.321	-88.88	227.68	0.33 S	0.36 W	2.24	1.12	0.49	AT 227.68	068.73
100.0	99.98	1.27	-1.329	-88.00	216.82	1.36 S	1.25 W	1.85	0.92	1.84	AT 222.56	061.11
150.0	149.93	2.75	-2.772	-87.24	229.90	2.83 S	2.69 W	1.86	0.93	3.90	AT 223.54	061.18
200.0	199.87	4.87	-4.111	-86.98	242.48	4.21 S	4.78 W	1.37	0.68	6.37	AT 228.59	062.11
250.0	249.79	7.32	-5.466	-86.59	237.48	5.62 S	7.20 W	0.96	0.48	9.14	AT 232.02	063.34
300.0	299.70	9.85	-7.077	-86.53	235.10	7.29 S	9.70 W	0.31	0.16	12.13	AT 233.07	064.41
350.0	349.61	12.51	-8.559	-86.47	244.08	8.83 S	12.32 W	1.10	0.55	15.16	AT 234.38	065.71
400.0	399.52	15.22	-9.801	-86.69	244.27	10.13 S	15.01 W	0.44	0.22	18.10	AT 235.99	067.22
450.0	449.44	17.79	-10.880	-86.91	247.87	11.26 S	17.55 W	0.60	0.30	20.85	AT 237.32	068.37
500.0	499.37	20.28	-11.739	-87.05	251.68	12.17 S	20.02 W	0.49	0.24	23.43	AT 238.71	069.95
550.0	549.31	22.72	-12.567	-87.04	248.40	13.05 S	22.45 W	0.34	0.17	25.96	AT 239.82	071.39
600.0	599.24	25.10	-13.296	-87.24	255.32	13.83 S	24.81 W	0.80	0.40	28.41	AT 240.86	073.12
650.0	649.17	27.79	-13.780	-86.48	261.13	14.37 S	27.49 W	1.65	0.82	31.02	AT 242.40	074.49
700.0	699.06	31.13	-13.956	-85.83	269.67	14.62 S	30.83 W	1.73	0.86	34.12	AT 244.63	076.22
750.0	748.89	35.14	-13.646	-84.94	276.10	14.40 S	34.84 W	2.06	1.03	37.69	AT 247.55	077.52
800.0	798.71	39.40	-13.102	-85.19	275.95	13.95 S	39.11 W	0.50	0.25	41.53	AT 250.38	079.11
850.0	848.53	43.65	-12.613	-85.01	274.78	13.55 S	43.37 W	0.41	0.21	45.43	AT 252.65	080.76
900.0	898.34	47.97	-12.320	-85.05	270.50	13.35 S	47.69 W	0.75	0.37	49.52	AT 254.37	081.85
950.0	948.14	52.43	-12.043	-84.67	274.00	13.17 S	52.16 W	0.99	0.49	53.80	AT 255.83	083.51
1000.0	997.87	57.58	-11.688	-83.48	271.67	12.92 S	57.32 W	2.43	1.21	58.76	AT 257.30	084.88
1050.0	1047.52	63.46	-11.825	-82.98	263.50	13.18 S	63.19 W	2.17	1.08	64.55	AT 258.21	086.03
1100.0	1097.08	70.03	-12.759	-81.74	258.28	14.26 S	69.74 W	2.84	1.42	71.19	AT 258.44	087.62
1150.0	1146.49	77.48	-14.373	-80.72	255.00	16.03 S	77.16 W	2.27	1.14	78.80	AT 258.26	088.92
1200.0	1195.74	85.89	-16.341	-79.39	256.12	18.18 S	85.52 W	2.69	1.34	87.43	AT 258.00	090.44
1250.0	1244.79	95.38	-18.359	-78.24	257.33	20.40 S	94.96 W	2.35	1.17	97.13	AT 257.87	092.10
1300.0	1293.68	105.69	-20.045	-77.61	261.53	22.31 S	105.24 W	2.16	1.08	107.57	AT 258.03	093.40
1350.0	1342.23	117.61	-20.806	-74.70	268.03	23.33 S	117.14 W	6.59	3.30	119.44	AT 258.74	094.63
1400.0	1390.29	131.39	-20.540	-73.28	271.57	23.36 S	130.92 W	3.44	1.72	132.99	AT 259.89	096.08
1450.0	1438.03	146.20	-19.157	-72.09	276.48	22.29 S	145.75 W	3.77	1.89	147.45	AT 261.30	097.09
1500.0	1485.35	161.99	-15.967	-70.23	283.55	19.44 S	161.61 W	5.88	2.94	162.78	AT 263.14	097.45
1550.0	1532.40	178.36	-11.650	-70.20	283.55	15.48 S	178.07 W	0.06	0.03	178.74	AT 265.03	097.52
1600.0	1579.46	194.70	-7.341	-70.29	283.53	11.52 S	194.50 W	0.18	0.09	194.84	AT 266.61	097.38
1650.0	1626.51	211.06	-3.035	-70.16	283.50	7.56 S	210.95 W	0.26	0.13	211.08	AT 267.95	097.52

WELLBORE NAVIGATION, INC.
WINNEMUCCA, NEVADA

JOB NUMBER: 29-0521-311 WELL NAME: RS-406

INRUN SURVEY
BY MINIMUM CURVATURE

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	L/R CLOS.	INCL HORZ	BEARING AZIMUTH	COORDINATES LATITUDE	COORDINATES DEPARTURE	D-LEG /100	D-LEG /CL	STATION DISP.	DISPLACEMENT DIRECTION	TEMP. DEG. F.
1685.0	1659.44	222.52	-0.018	-70.25	283.53	4.79 S	222.47 W	0.26	0.09	222.52	AT 268.77	097.45

```
*************************************************************
*                          ********                         *
*      THE HORIZONTAL DISPLACEMENT AT THE DEPTH OF          *
*                          ********                         *
*  1685.0 FEET EQUALS   222.52   FEET AT  268.77            *
*                          ********                         *
*************************************************************
```

WELNAV

SP

SUBMITTAL FORM

American Assay Laboratories

Geochemical • Environmental • Metallurgical

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

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

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

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

Other Offices
Lima, Peru
Santiago, Chile
Mendoza, Argentina

Company: Newmont Exploration

Address: 861 W. 6th St

City Winnemucca State NV Zip 89445

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

Project Name: Rosebud Exploration Purchase Order Number:

Date Submitted: 12/23/97 Number of Samples: 38

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

SAMPLE IDENTIFICATION	TYPE	ELEMENTS REQUIRED
RS-406 1500-1503.5	Core	Au, Ag - FA/AA each sample
To		
1677-1683 TD		4-Sample composites - ICP pkg
		Plus:
		Hg, AA on the composites
		Se AA " "
see attached sheet for		
sample footage details		

COARSE REJECTS (Normally Discarded After 60 Days)

[ ] Return COD after analysis complete

PULPS (Normally Stored Free For One Month)

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

RESULTS AND INVOICES TO BE SENT TO:

Invoice to:
Charlotte Ballew
Newmont Exploration
Winnemucca

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

Comments:

CLIENT FILE COPY

SP

SUBMITTAL FORM

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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

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Lima, Peru
Santiago, Chile
Mendoza, Argentina

Company: Newmont Exploration Ltd

Address: 861 W. 6th St

City Winnemucca State NV Zip 89445

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

Project Name: Rosebud Exploration Purchase Order Number:

Date Submitted: 9/19/97 Number of Samples: 300

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

SAMPLE IDENTIFICATION	TYPE	ELEMENTS REQUIRED
RS-406	RC	Au, Ag FA-AA each Sample
0-1500 TD		
		And:
		ICP Pkg on 4-Sample Composites
		And:
		Hg-AA on the Composites

COARSE REJECTS (Normally Discarded After 60 Days)

[ ] Return COD after analysis complete

PULPS (Normally Stored Free For One Month)

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

RESULTS AND INVOICES TO BE SENT TO:

Invoice to:
Charlotte Ballew - NEL Winnemucca

Results to:
Rick Lisle, Randy Vance > Newmont - Winnemucca
Kurt Allen - Rosebud Mine, Hecla

Comments:
our drill holes have a new prefix. Instead of 97-xxx, Now its RS-xxx.

CLIENT FILE COPY

Project: ROSEBUD	State: Nevada	Northing: 2,206,~~100~~ 218	Total Depth: 1500'
Log'd by: RJK 10/10/97	County: Pershing	Easting: 480,~~800~~ 826	Bearing: —
UTM# NK 11-10-06	Sec. T. N, R. E	Elevation: 5,430 5381	Inclination: -90

Hole No. RS-406

Page 1 of 9

DRILLING NOTES

DEPTH	COLOR	ALLUVIUM	SURG TUFF	ASH FLOW	LAVA FLOW	AUTOBXA	INTRUSIVE	LITH TUFF	SANDSTONE	PHYLLITE	SHALE	BASALT	ANDESITE	LATITE	DACITE	RHYOLITE	BRECCIA	CHALCEDNY	CLAY		FAULT BXA	GOUGE	GRAPHIC	OTHR SULF	HEMATITE	LIMONITE	PYRITE	BLEACHED	PROPYL	ARGIL	REPL SIL	VEIN QTZ	CALCITE	GRAPHIC	DESCRIPTION	DEPTH
																																		MOTHER LODE TARGET	
	Rd brn	//																																Heterogeneous Gravel	
	1	//																																"	
	Dk Pink Brn																//								1	2								aphanitic Intermed. Volcanic rk	
20																	//																	Volcanic breccia. Dk matrix orbm clasts	20
																	//																	matrix-supported	
	Dk Pink Gy																/		//															-buy clay	
40																	/																		40
																	//																		
	Gray													//			/																	Gray vesicular flow band. volc. rk	
60														//																					60
														//																				Flow banded aphanitic Volc. rk	
														//																					
80														//																					80
														//																					
	Pink Gy													//										1											
100	1													//										1											100
	Gray													/																					
														/																					
120														/																					120
														//																				Tiny black grains, poss Hnbl?	
														/																					
140														/																					140
														//																				- vesicular	
	Pink Gy													/										/											
160														/										/											160
	Gray													/																					
														//																					
180														//																					180

Rclog02.xls

Project: ROSEBUD	State: Nevada	Northing:	Total Depth:	Hole No. RS-406
Log'd by:	County: Pershing	Easting:	Bearing:	
UTM# NK 11-10-06	Sec. T. N, R. E	Elevation:	Inclination:	Page 2 of 2

DRILLING NOTES

DEPTH	COLOR	LITHOLOGY: ALLUVIUM	SURG TUFF	ASH FLOW	LAVA FLOW	AUTOBXA	INTRUSIVE	LITH TUFF	SANDSTONE	PHYLLITE	SHALE	BASALT	ANDESITE	LATITE	DACITE	RHYOLITE	BRECCIA	CHALCEDNY	CLAY		STRUCT: FAULT BXA	GOUGE	GRAPHIC	ALTERATION & MIINERALIZATION: OTHR SULF	HEMATITE	LIMONITE	PYRITE	BLEACHED	PROPYL	ARGIL	REPL SIL	VEIN QTZ	CALCITE	GRAPHIC	DESCRIPTION	DEPTH
	Gray																																		Lithol. as above.	
200																																				200
220																																				220
240	Pal brn																								3	1									brx.	240
	"																								2											
	Gy																																		-Grn vessicles	
	Dkrd Gy																																		1 volc. breccia	
260	Pink Gy																																			260
	Pale Grn																										3	5		3					Featureless pale volc. rk, alt'd	
280																								1											-Chip w/ bleached marc victory	280
																																				157 65
																								1						2						
300																														2						300
	Pale Grn+Pink																										1									
																											1									
																											2									
320																											3									320
																											2									
																											2									
																											1									
340																											1									340
																											1									
																											1									
																											1									
360																											1									360

Rclog02.xls

Project: ROSEBUD	State: Nevada	Northing:	Total Depth:	Hole No. RS-406
Log'd by:	County: Pershing	Easting:	Bearing:	
UTM# NK 11-10-06	Sec. T. N, R. E	Elevation:	Inclination:	Page 3 of 9

DRILLING NOTES

DEPTH	COLOR	LITHOLOGY: ALLUVIUM	SURG TUFF	ASH FLOW	LAVA FLOW	AUTOBXA	INTRUSIVE	LITH TUFF	SANDSTONE	PHYLLITE	SHALE	BASALT	ANDESITE	LATITE	DACITE	RHYOLITE	BRECCIA	CHALCEDNY	CLAY			STRUCT: FAULT BXA	GOUGE	GRAPHIC	ALTERATION & MIINERALIZATION: OTHR SULF	HEMATITE	LIMONITE	PYRITE	BLEACHED	PROPYL	ARGIL	REPL SIL	VEIN QTZ	CALCITE	GRAPHIC	DESCRIPTION	DEPTH
	Lt Grn													/														2	4							f.g. volc. as above	0
														/														/									1115
														/														3				/					47
380														/														3			1					992	380
														/														3			2	/				Qz & py vnlts	7234
														/														3			3						150
														/														2									27
400														/														2			4					77	400
														/														1			3						0
														/														3									14
														/														2									8
420														/														1								tiny sil. vnlts 7	420
	Lt Grnt Pnk brn													/														-	3								74
														/												1		2	3								26
														/														1									13
440														/																						-Biotite phenos 2-3% 9	440
	Lavendr Brn													/															2								
														/															-								
														/																							
460														/																							460
														/																							
														/																							
														/																							
480														/													/	/									480
														/													/	/									
														/													/	/									
	Gray + brn													/															1								
500														/															/								500
														/													/	/									
														/													/										
	DK rd brn													/													/	/									
520														/													/	/									520
														/													/										
	DK rdish Gy													/													/	/									
														/													/	/								-hard, sharp edged chips	
540														/													/	/									540

Project: ROSEBUD	State: Nevada	Northing:	Total Depth:	Hole No. RS-406
Log'd by: RJK 10/16/97	County: Pershing	Easting:	Bearing:	
UTM# NK 11-10-06	Sec. T. N, R. E	Elevation:	Inclination:	Page 4 of 9

DRILLING NOTES

DEPTH	COLOR	LITHOLOGY: ALLUVIUM	SURGE TUFF	ASH FLOW	LAVA FLOW	AUTOBXA	INTRUSIVE	LITH TUFF	SANDSTONE	PHYLLITE	SHALE	BASALT	ANDESITE	LATITE	DACITE	RHYOLITE	BRECCIA	CHALCEDNY	CLAY	STRUCT: FAULT BXA	GOUGE	GRAPHIC	ALTERATION & MIINERALIZATION: OTHR SULF	HEMATITE	LIMONITE	PYRITE	BLEACHED	PROPYL	ARGIL	REPL SIL	VEIN QTZ	CALCITE	GRAPHIC	DESCRIPTION	DEPTH
	DK rd Gy													//										/										Lith. as above, Biot Phenos 2-3%	
560														/																					560
580	Lavender Gy													/																					580
														//										-											
600														///												1	2								600
	v. Lt Gy													/												3	4							Bleached out 3-5% py	
	Pink tan													/										/		2								pyritic Volc. rk	
620														/												2									620
														/												3									
														/												2								-Play Phenos, 1-3%	
														/												2									
														/												1									
640	Lt Gy-white													/												4									640
														//												1	5								
														//												2	5								
														/												3	5								
660														/												4	5								660
														//												3	5			3				-V.f.G. Silica.	
														//												3	4			3					
	Pink tan													//												2	4								
680														//													4								680
	DK Lav. Gy													//													1								
	Pink tan													//												1	3								
	DK-med Gy													//													-								
700														//																					700
	DK redish Gy													//										/										Massive Ophmitic Volc. w/ 2-3% biot phenos	
														//										/											
														//																					
720														//										/											720

Rclog02.xls

Project: ROSEBUD	State: Nevada	Northing:	Total Depth:	Hole No. RS-406
Log'd by: RAK 10/16/07	County: Pershing	Easting:	Bearing:	
UTM# NK 11-10-06	Sec. T. N, R. E	Elevation:	Inclination:	Page 5 of 9

DRILLING NOTES

DEPTH	COLOR	LITHOLOGY: ALLUVIUM	SURG TUFF	ASH FLOW	LAVA FLOW	AUTOBXA	INTRUSIVE	LITH TUFF	SANDSTONE	PHYLLITE	SHALE	BASALT	ANDESITE	LATITE	DACITE	RHYOLITE	BRECCIA	CHALCEDNY	CLAY		STRUCT: FAULT BXA	GOUGE	GRAPHIC	ALTERATION & MIINERALIZATION: OTHR SULF	HEMATITE	LIMONITE	PYRITE	BLEACHED	PROPYL	ARGIL	REPL SIL	VEIN QTZ	CALCITE	GRAPHIC	DESCRIPTION	DEPTH
	DK rd sh Gy													//											/										massive aphanitic Volc. - dark + hint. Phenos	
														//											/											
														//											/											
740														//											/											740
														//											2											
	DK rd													//											3											
	DK rd Gy													//											2										dK rd tiny speckled appearance from something oxidizing	
760														//																						760
														//																						
														//																						
														//																						
780														//																						780
														//																						
														//																						
														//																						
800														//																						800
														//																						
														//																						
														//																						
820														//																						820
														//																						
														//											1											
														//																						
840														//																						840
														//																						
														//																						
	Green Gray													//														1								
860	and DK red Gray													//														1								860
														//														1								
														//														1								
														//														1								
880	mostly Gray Gy													//														2								880
														//														2								
														//														2								
														//														2								
														//														2								
900														//														2								900

Rclog02.xls

Project: ROSEBUD	State: Nevada	Northing:	Total Depth:	Hole No. RS-406
Log'd by: RJK 10/16/97	County: Pershing	Easting:	Bearing:	
UTM# NK 11-10-06	Sec. T. N, R. E	Elevation:	Inclination:	Page 6 of 9

DRILLING NOTES

DEPTH	COLOR	LITHOLOGY: ALLUVIUM	SURG TUFF	ASH FLOW	LAVA FLOW	AUTOBXA	INTRUSIVE	LITH TUFF	SANDSTONE	PHYLLITE	SHALE	BASALT	ANDESITE	LATITE	DACITE	RHYOLITE	BRECCIA	CHALCEDNY	CLAY		STRUCT: FAULT BXA	GOUGE	GRAPHIC	ALTERATION & MIINERALIZATION: OTHR SULF	HEMATITE	LIMONITE	PYRITE	BLEACHED	PROPYL	ARGIL	REPL SIL	VEIN QTZ	CALCITE	GRAPHIC	DESCRIPTION	DEPTH
	DK Grn Gy													//														1							Ophmitic Vole rk as above	
														//														1								
														//																						
920														//											1						2				a few silic. brx chips	920
														//											1						2					
														//											1											
														//											1											
940														//											2											940
														//											2											
														//											1					1	4				Gy cloudy Silica	
	Pale Grn													//														5		2					Bleached out	
960														//																2						960
														//	?															3						
														//																5						
														//																2						
980	Lt Tan to Lt Grn													//												1										980
														//	?											2										
														//												1	1									
														//												1										
1000	Pale Tan													//																						1000
	nearly white													//																						
														//	?																					
1020														//																						1020
														//																						
														//	?																					
1040														//	1																					1040
														//																						
														//																						
	GY w/ dk rd													//											1										Sudden change to No bleaching	
1060	"													//											2											1060
	Gray													//																						
														//											1											
														//											1											
1080														//											1											1080

Rclog02.xls

Project: ROSEBUD	State: Nevada	Northing:	Total Depth:	Hole No. RS-406
Log'd by: RAK 10/16/97	County: Pershing	Easting:	Bearing:	Page 7 of 9
UTM# NK 11-10-06	Sec. T. N, R. E	Elevation:	Inclination:	

DRILLING NOTES

DEPTH	COLOR	LITHOLOGY: ALLUVIUM	SURG TUFF	ASH FLOW	LAVA FLOW	AUTOBXA	INTRUSIVE	LITH TUFF	SANDSTONE	PHYLLITE	SHALE	BASALT	ANDESITE	LATITE	DACITE	RHYOLITE	BRECCIA	CHALCEDNY	CLAY	CALCITE	STRUCT: FAULT BXA	GOUGE	GRAPHIC	ALTERATION & MIINERALIZATION: OTHR SULF	HEMATITE	LIMONITE	PYRITE	BLEACHED	PROPYL	ARGIL	REPL SIL	VEIN QTZ	CALCITE	GRAPHIC	DESCRIPTION	DEPTH
	Purple Gy													//											2										Gy aphanitic volc. rk as above	
														//											2											
	Dr. Red													//											3											
1100														/											3											1100
														/											3											
														/											2											
														/											2											
1120	DKGy w/DKRd													/											1											1120
														/																						
														/																						
														/																						
														/																						
1140														/																						1140
														/											2											
														//											1											
	Brn Gy													//											1											
1160														//											1											1160
	Green							//																				4							Tuff? Some chips have clastic texture (lithic)	
	Lt Grn							/																				5								
	Pale Grn							/	?																											
1180	Lt Gy+brn							/																			2				3				Silic matrix breccia	1180
	Bright Grn							/	?							//											1								Bleaching destroyed texture (?)	
	Pale Grn							/								/																				
								/								/																				
1200								//								/																				1200
								/								/											2									
								/	?							/											2									
	White							/								/	?			//												4				
1220	V. Lt Gy							/								/											4									1220
	White							/	?							/	?			///												5			- wt Calcite (vein?)	
	V. Lt Gy							/	°							/	.							2			4								f.g. disseminated py. Prob. f.g. bladed marcasite	
								/								/											4									
1240								/	?							/	?										4									1240
								/	°							/											4									
								/								/											4									
								/								/	?										4									
1260								/								/											4									1260

Rclog02.xls

Project: ROSEBUD	State: Nevada	Northing:	Total Depth:	Hole No. RS-406
Log'd by: R2R 10/16/97	County: Pershing	Easting:	Bearing:	Page 8 of 9
UTM# NK 11-10-06	Sec. T. N, R. E	Elevation:	Inclination:	

DRILLING NOTES

DEPTH	COLOR	LITHOLOGY: ALLUVIUM	SURG TUFF	ASH FLOW	LAVA FLOW	AUTOBXA	INTRUSIVE	LITH TUFF	SANDSTONE	PHYLLITE	SHALE	BASALT	ANDESITE	LATITE	DACITE	RHYOLITE	BRECCIA	CHALCEDNY	CLAY		STRUCT: FAULT BXA	GOUGE	GRAPHIC	ALTERATION & MIINERALIZATION: OTHR SULF	HEMATITE	LIMONITE	PYRITE	BLEACHED	PROPYL	ARGIL	REPL SIL	VEIN QTZ	CALCITE	GRAPHIC	DESCRIPTION	DEPTH
	V.Lt Gry,													/		/											3	4							v.f.G. aphanitic Volc. rk, felsic (?)	
	nearly white													/		/																			or Blenched (?)	
1280														/		/																				1280
														/		/											V									
														/		/											2									
														/		/											2									
1300														/		/											2									1300
	V.Pale Grn															/											1									
																/											1	,								
																/											1	,								
1320																/											/	,								1320
																/											/								— v.f.g. diss qtz noted	
																/																			under hi power	
																/											,									
1340																/											,									1340
																/											,									
																/											,									
																/											1									
1360																/											1									1360
																/											2									
																/											1									
																/																				
																/																				
1380																/																				1380
																/																				
																/																				
																/								2			3								— marcasite	
1400																/								2			2			2					1	1400
																/											2									
																/											3									
																/											3									
1420																/											3									1420
																/											3									
																/											2									
																/											2									
1440																/											3									1440

Rclog02.xls

Project: ROSEBUD	State: Nevada	Northing:	Total Depth:	Hole No. RS-406
Log'd by: DJK 10/16/97	County: Pershing	Easting:	Bearing:	Page 9 of 9
UTM# NK 11-10-06	Sec. T. N, R. E	Elevation:	Inclination:	

DRILLING NOTES

DEPTH	COLOR	LITHOLOGY: ALLUVIUM	SURG TUFF	ASH FLOW	LAVA FLOW	AUTOBXA	INTRUSIVE	LITH TUFF	SANDSTONE	PHYLLITE	SHALE	BASALT	ANDESITE	LATITE	DACITE	RHYOLITE	BRECCIA	CHALCEDNY	CLAY		STRUCT: FAULT BXA	GOUGE	GRAPHIC	ALTERATION & MIINERALIZATION: OTHR SULF	HEMATITE	LIMONITE	PYRITE	BLEACHED	PROPYL	ARGIL	REPL SIL	VEIN QTZ	CALCITE	GRAPHIC	DESCRIPTION	DEPTH
	V. Pale Grn															//											3								Felsic Volc. as about. Prob. Rhyolite	
																//											2									
																//											1									
1460	Lt Grn													//													2								Lt Grn Volc. w/ dk grn clots/spots.	1460
														//													1								Leopard Skin ?	
														//													2								Occ'l leucoxene, no obvious Qtz veins	
1480	Green													//																						1480
														//																						
														//																						
														//																						
1500														//																						1500
																																			TD 1500'	

Rclog02.xls

Form 1

Hole # RS-406.c From 1500 To 1600
Area Mother Lode Logged By RLK

NEL CORE — Page 1 of 2 — Date 12/18/97 — 1683 TD

DEPTH	% REC	ASSAY (Fire oz/st, CN oz/st)	LITHOLOGY (color, ROCK TYPE, GRAPHIC)	STRUCTURE (GRAPHIC, FAULT, BRECCIA, Vn, GOUGE)	ALTERATION (Sil, Clay, Chl, Prop)	MINERALOGY METALLURGY (FeOx, CO_3, CARB, Sulf, NAD?)	COMMENTS
	Rec / RQD 3.5/3.5 1.6	1503.5	Grn Gray; Porphyry	wt clay; 3 3 3	Arg.	Sulf: Py thick	Porphyritic, white clay phenos -02-03 gy pyr. gouge
	10/10 5.5	1508.5; 1511		wt clay; cc; 80°			
1510							
		1513.5	Lt Gy aph. Rhy.	35°; Py sticks; 30°		1	slicks 0° rake; Flow banding @ 35; 1513: slicks variable rake, vert to horiz; Dk Gy extr. fg py along flow banding and stk. frx.
	9.6/10 7.3	1518.5; 1523.5		clay			slicks rake 20°
1520							
	10.4/10 7.5	1528.5; 1533.5					
1530					2		
	6.5/6.5 4.7	1540	alternating Lt & dk gy crackle bx rhy	clay		1	Dk gy selvages along fractures, prob. from vfg sulfides; -white clay-filled frx.
1540					1		-vessicles w/ spherulites
	9.4/10 7.1	1545; 1550					crackle breccia - Dk gy along clast boundaries
1550					2		
	2.1/2.5 2.0						2" thick congl. 60° TCA
	7.8/7.5 6.8	1555; 1560			1		Part. silicif, hard.
1560					2		
	10/10 6.6	1565				1	
1570		1570			1		wt clay veins 1/4"
	9.5/10 6.6	1575	Purple & Grn Gy ↓				
1580		1580	Lt Grn Gray	30; 10°; 40			1" dk gy healed bxa w/calcite; slicks 40° TCA rake 10° TCA normal movement. Calcite vein
	9.9/10 7.0	1585				1	Py on joints -1/4" wide pyritic seam bleeding from horiz. fract
1590		1590					swirled flow banding
	9.9/10 7.6	1595	△ △ △				-Flow bxa
1600		1600		10°			wt clay veins

Form 1

Hole # RS-4064 From 1600 To 1683 TD
Area Mother Lode Logged By RAK

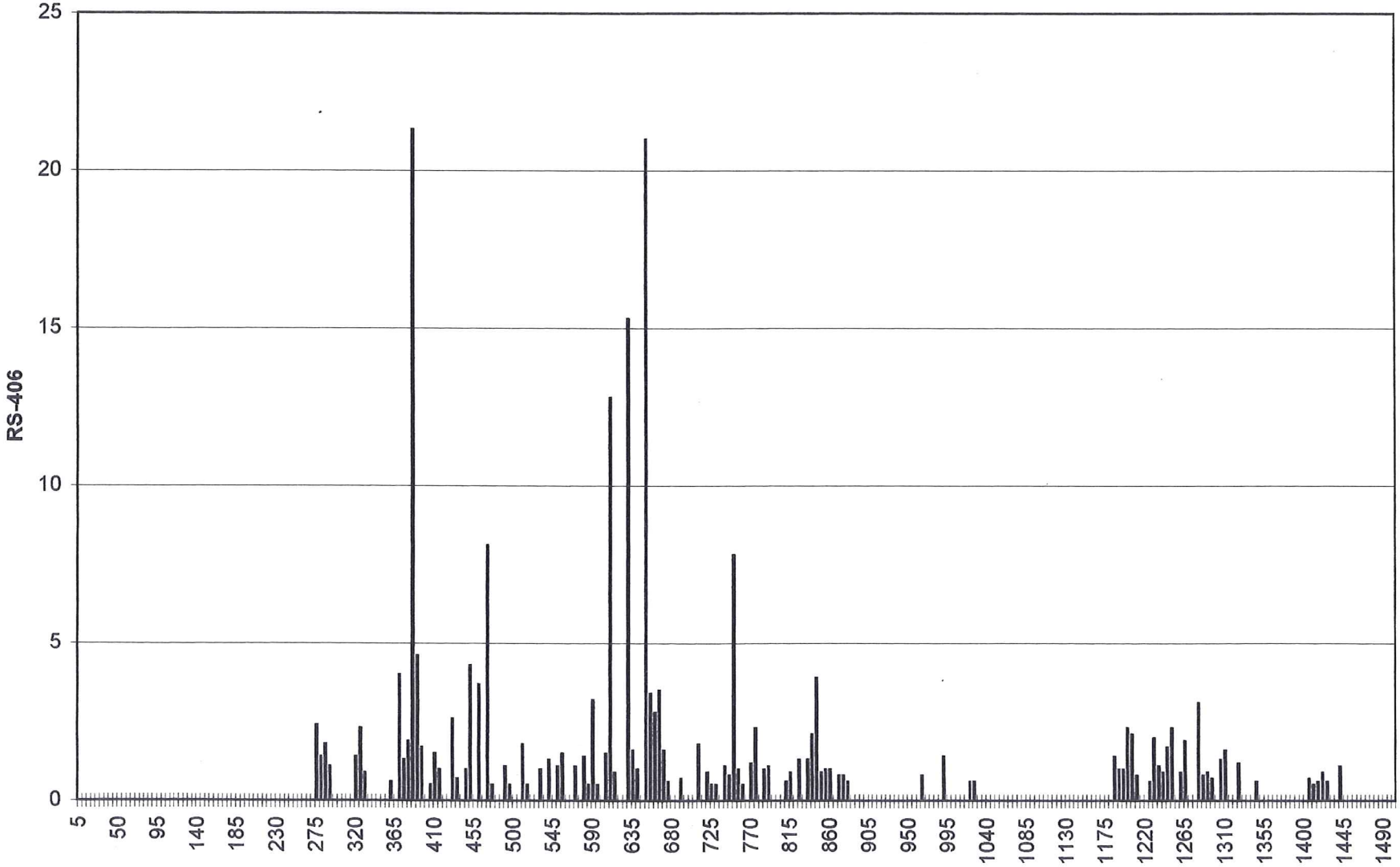
NEL CORE

Page 2 of 2
Date 12/18/97

DEPTH	% REC (Rec / RQD)	ASSAY (Fire oz/t, CN oz/t)	Color / LITHOLOGY ROCK TYPE	GRAPHIC	STRUCTURE GRAPHIC	FAULT	BRECCIA	Vn	GOUGE	ALTERATION Sil	Clay	Chl	Prop	MINERALOGY METALLURGY FeOx	CO_3	CARB	Sulf	MMO?	COMMENTS
	9.9 / 10		Lt Grn rhyolite		wt clay						Arg.						1 / PY / Black Sh.		Flow banded un-alt'd rhyolite
	7.1	1605			60														Slicks rake 5° TCA
1610		1610	Glassy Grn		50 slick														Nearly un-altd, hard slicks 5° TCA
	9.8 / 10	1615																	occ'l. py along flow bands
	6.6																		
1620		1620																	
	9.9 / 10	1625																	
	8.0																		
1630		1630			wt clay														
	10.0 / 10	1635																	
	6.5				slicks wt clay														rake on slicks 10° TCA
1640		1640																	
	9.9 / 10	1645																	
	9.3																		Auto bxa
1650		1650			1/4" Gouge Flt														
	9.9 / 10	1655	Grn gy sl. arg Rhy.					calc.			1								1/2" calc. veins
	8.5																		
1660		1660			70° slicks Flt														slicks rake 5° TCA
	9.8 / 10	1665			65° Flt						1								slicks rake 80° tca
	5.4	1668.3									2 / 3								Gouge bxa at base
1670			Blk Shale		35°						2								Black calcareous shale sheared, gouge matrix shiny graphitic slicks on bedding
	6.6 / 7	1672															2		
	0	1677	Gouge								3								
	5.2 / 6										2								
1680																			
1683 TD	0	1683																	1683 TD

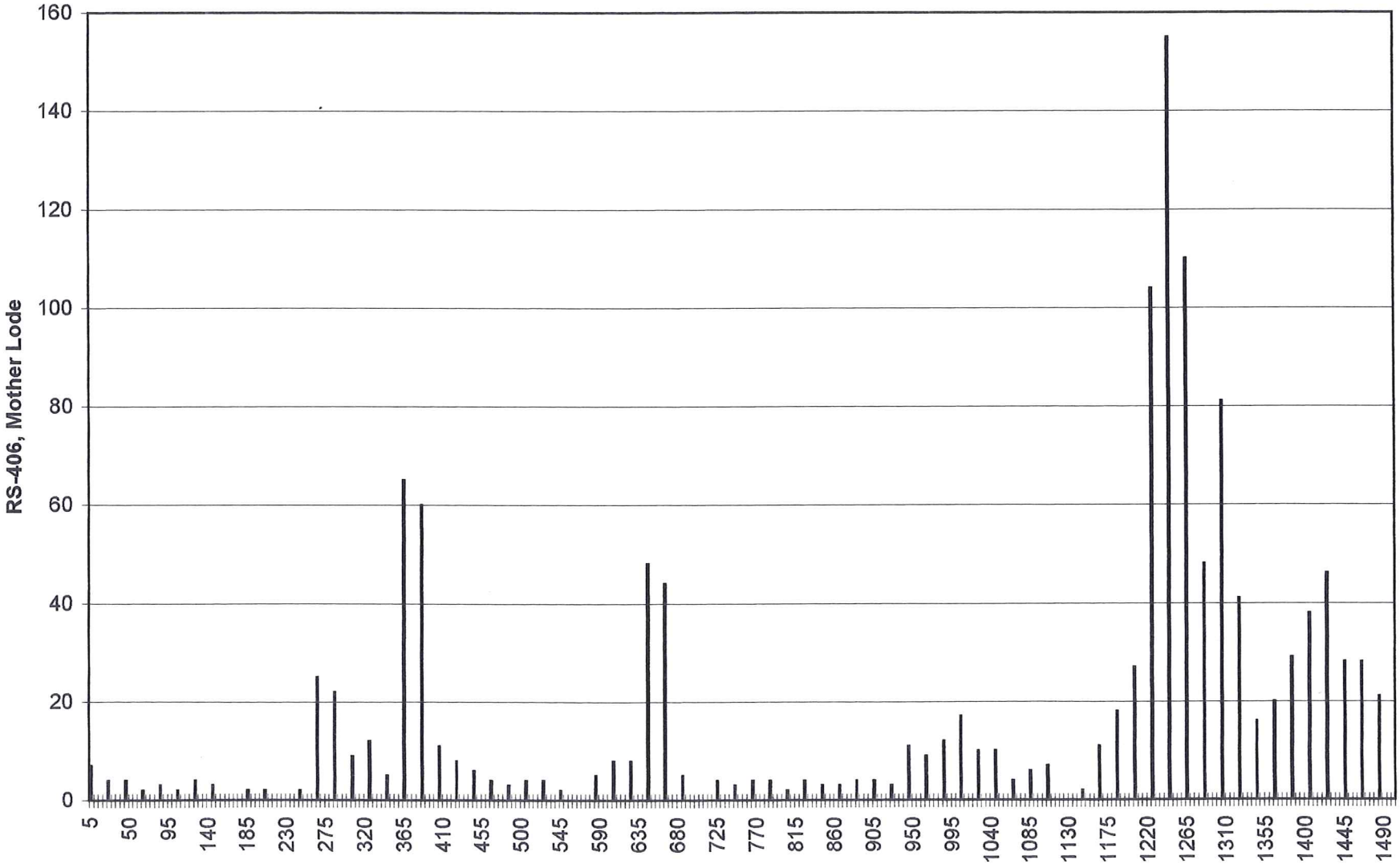
Ag

Ag, ppm


RS-406
25
20
15
10
5
0
5
50
95
140
185
230
275
320
365
410
455
500
545
590
635
680
725
770
815
860
905
950
995
1040
1085
1130
1175
1220
1265
1310
1355
1400
1445
1490

As

As, ppm


RS-406, Mother Lode
160
140
120
100
80
60
40
20
0
5
50
95
140
185
230
275
320
365
410
455
500
545
590
635
680
725
770
815
860
905
950
995
1040
1085
1130
1175
1220
1265
1310
1355
1400
1445
1490

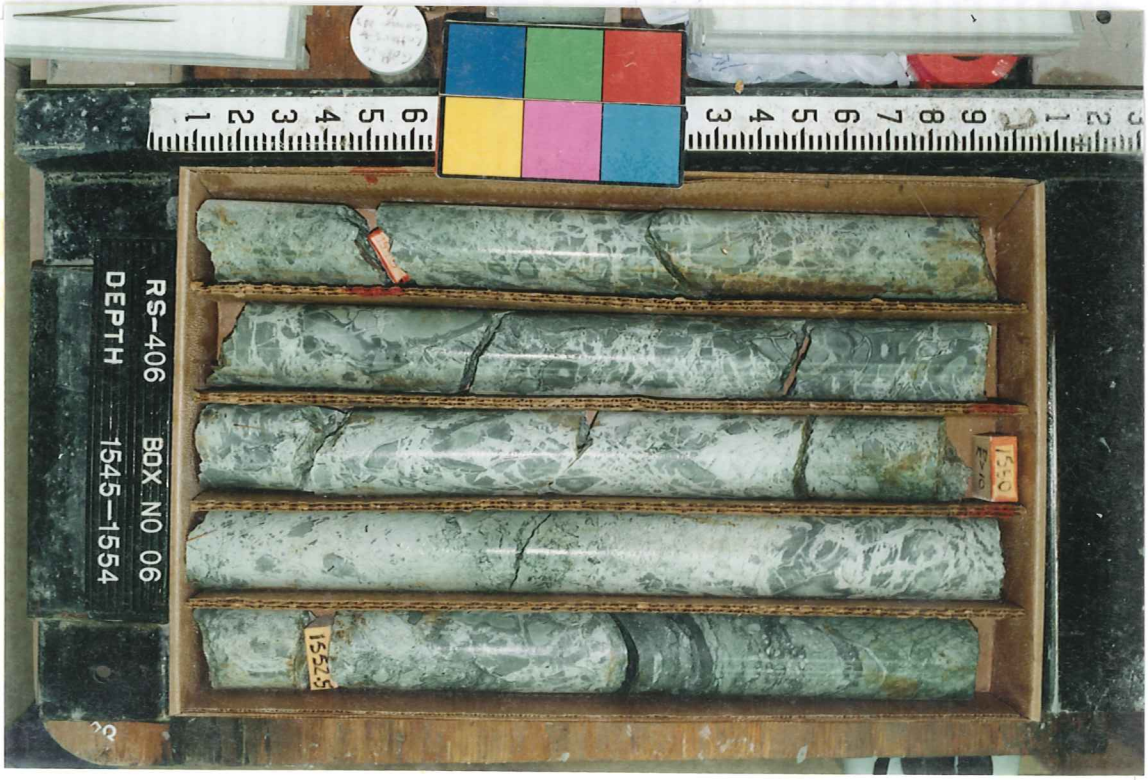
1503.5
RS-406 BOX NO 01
DEPTH 1500—1509

1513.5
RS-406 BOX NO 02
DEPTH 1509—1518

1523.5
RS-406 BOX NO 03
DEPTH 1518—1527

RS-406 BOX NO 04
DEPTH 1527–1536

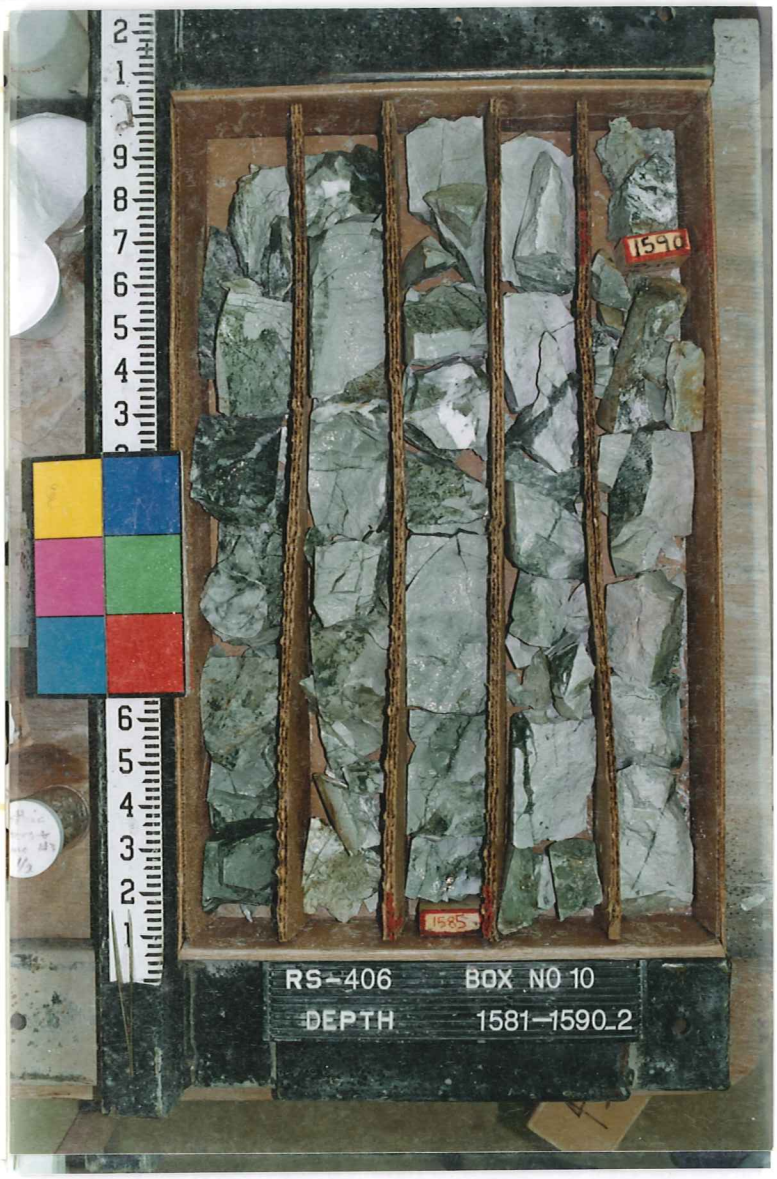
RS-406 BOX NO 05
DEPTH 1536–1545


RS-406 BOX NO 06
DEPTH 1545–1554

RS-406 BOX NO 07
DEPTH 1554-1563

RS-406 BOX NO 08
DEPTH 1563-1571

RS-406 BOX NO 09
DEPTH 1571-1581


1590
1585
RS-406 BOX NO 10
DEPTH 1581-1590.2

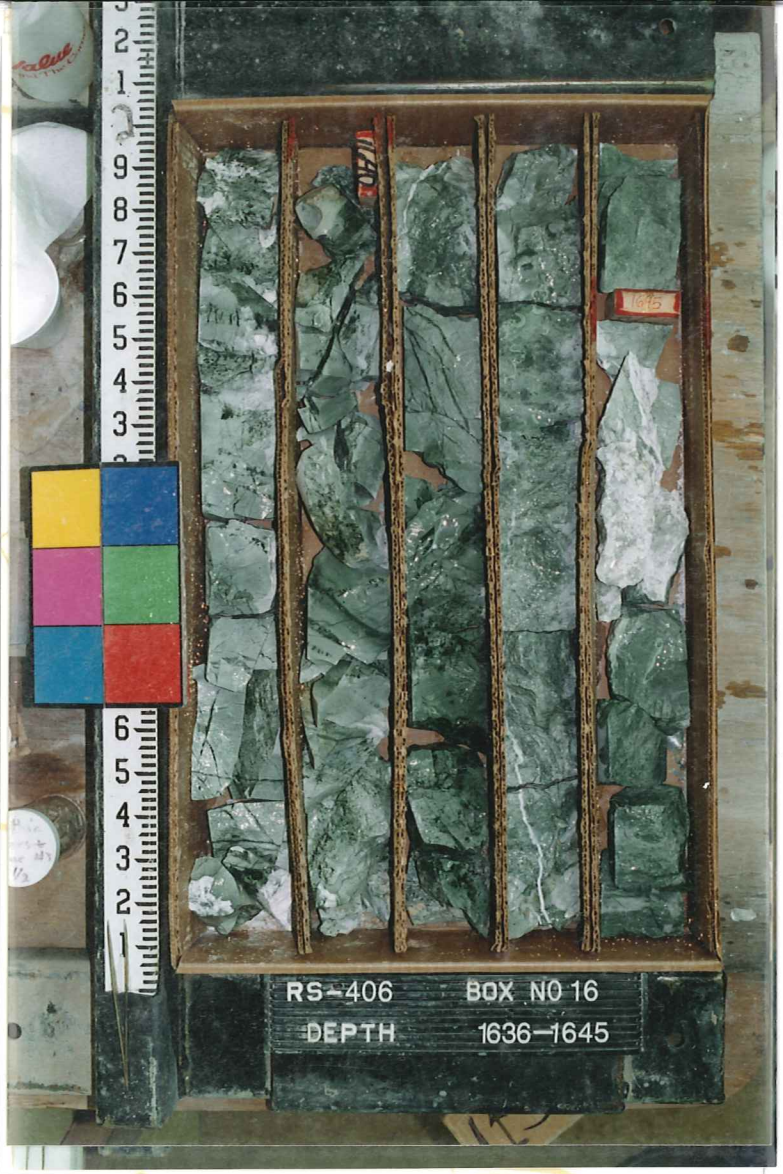
1600
RS-406 BOX NO 11
DEPTH 1590-1600

RS-406 BOX NO 12
DEPTH 1600-1609

RS-406 BOX NO 13
DEPTH 1609—1618

RS-406 BOX NO 14
DEPTH 1618—1627

RS-406 BOX NO 15
DEPTH 1627—1636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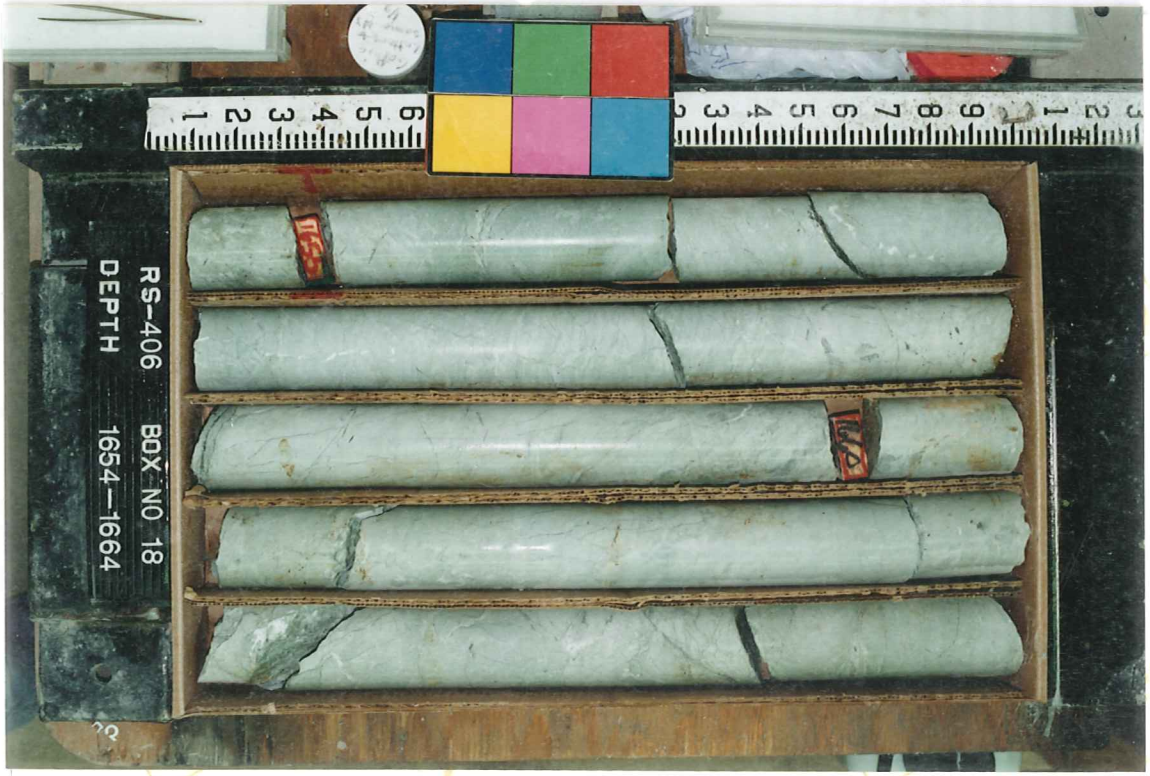
DEPTH 1636-1645

RS-406 BOX NO 17
DEPTH 1645-1654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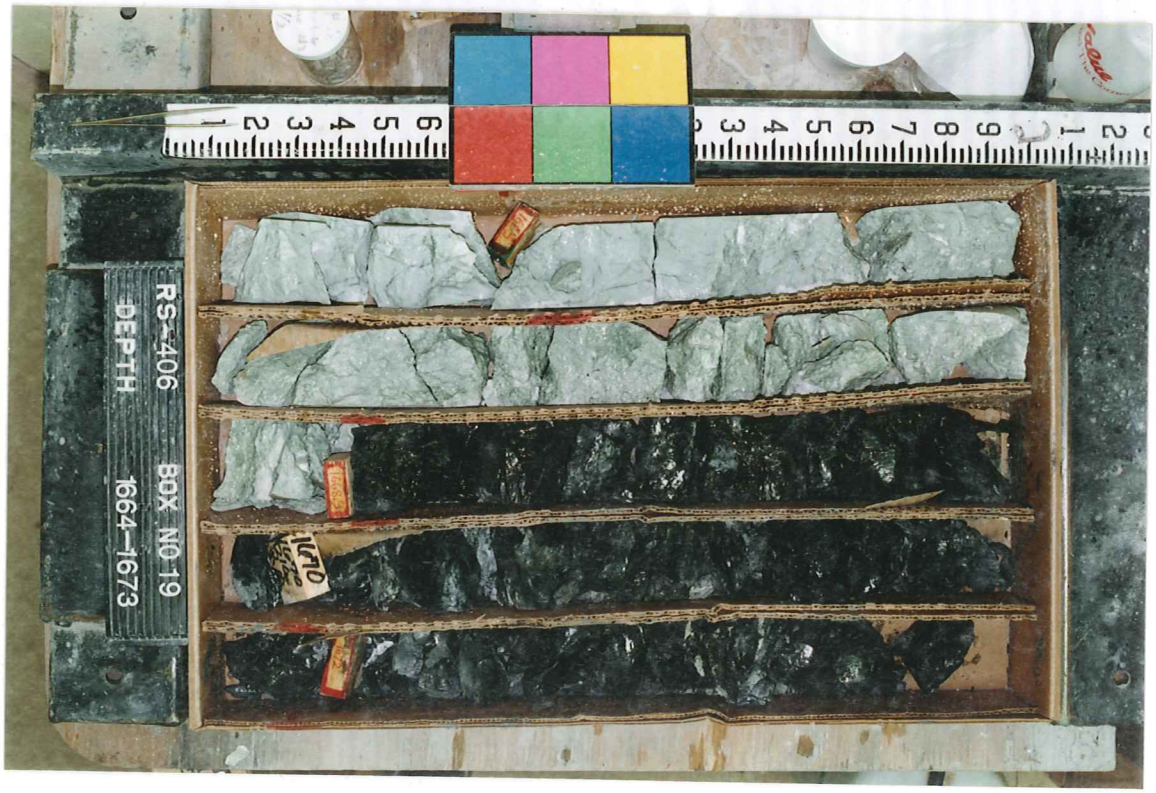
DEPTH 1654-1664

RS-406 BOX NO 19
DEPTH 1664-1673
1670

1683
RS-406 BOX NO 20
DEPTH 1673-1683 TD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DEPTH 1664-1673
1670