60000586

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-475
AUTHOR	C. Ballew; R. Kellmer, R. Barringer; R. Vance D. St. Georges; D. School; C. Hunor; 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; Newmont GoldCo; Rosebud Mining Co., LLC
COMMODITY If not obvious	gold; silver
NOTES	drill logs; assay; geology; photographs; geochemistry; total depth invoices, correspondence; handwritten notes 125 p.

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

SS: DD 2/20/08
Initials Date

DB:
Initials Date

SCANNED:
Initials Date

Revised: 1/22/08

RS-475

6000 0586
4010

6000 0586

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

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

BARRINGER LABORATORIES INC.

INVOICE

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

Date : **21-Oct-99**
Job : **993638R**
Invoice: **41081R**

Authority: Randy Vance ✓ OK
PO #:
Project: RS-475 1200'-1600'
Terms:

	Preparation Charges:		
20	Pulp		
80	Composite for ICP	1.00	$ 80.00
	Analyses:		
20	30 Element ICP Pkg.	7.45	$ 149.00
	Sub Total:		$ 229.00
	Discount:	-30.00	$ -68.70
	TOTAL DUE:		$ 160.30

COPY

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

--- Remittance Copy ---

MEETING THE ANALYTICAL CHALLENGES OF A CHANGING WORLD

INSPECTORATE

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Fax: 775-359-2944

16-Nov-99

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

Certificate of Analysis

Attn: Charlotte Ballew
Received: 23-Oct-99 11:07
Project: RS-475-99
PO #: Ref:99-37-29

Job: 993678R
Status: Final

Drill Core

Sample Id	Au FA/AA oz/ton	Ag AA oz/ton
RS-475-99 1600-1603	0.002	0.036
RS-475-99 1603-1607	0.002	0.036
RS-475-99 1607-1612	0.001	0.014
RS-475-99 1612-1616.5	0.002	0.009
RS-475-99 1616.5-1618.9	0.000	0.011
RS-475-99 1618.9-1623	0.000	0.007
RS-475-99 1623-1626.5	0.001	0.007
RS-475-99 1626.5-1628.8	0.002	0.020
RS-475-99 1628.8-1631.3	0.002	0.035
RS-475-99 1631.3-1636	0.000	0.003
RS-475-99 1636-1639.1	0.000	0.003
RS-475-99 1639.1-1642	0.002	0.018
RS-475-99 1642-1646.5	0.000	0.016
RS-475-99 1646.5-1649.5	0.000	0.004
RS-475-99 1649.5-1654	0.000	0.006
RS-475-99 1654-1657.8	0.000	0.003
RS-475-99 1657.8-1662.5	0.000	0.005
RS-475-99 1662.5-1667.5	0.001	0.009
RS-475-99 1667.5-1672.8	0.001	<0.003
RS-475-99 1672.8-1678	0.000	<0.003

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Status: Final

Drill Core

Sample Id	Au FA/AA oz/ton	Ag AA oz/ton
RS-475-99 1678-1683.2	0.001	<0.003
RS-475-99 1683.2-1688.5	0.000	<0.003
RS-475-99 1688.5-1692.5	0.000	<0.003
RS-475-99 1692.5-1697.5	0.000	<0.003
RS-475-99 1697.5-1703.2	0.001	<0.003
RS-475-99 1703.2-1707.5	0.001	<0.003
RS-475-99 1707.5-1712	0.001	<0.003
RS-475-99 1712-1717	0.000	<0.003
RS-475-99 1717-1722	0.001	0.012
RS-475-99 1722-1727	0.000	<0.003
RS-475-99 1727-1733	0.000	0.015
RS-475-99 1733-1737	0.001	<0.003
RS-475-99 1737-1742.5	0.001	0.006
RS-475-99 1742.5-1747.5	0.001	<0.003
RS-475-99 1747.5-1749.5	0.001	<0.003
RS-475-99 1749.5-1753	0.000	<0.003
RS-475-99 1753-1758	0.000	0.005
RS-475-99 1758-1763	0.000	0.007
RS-475-99 1763-1767.7	0.000	0.009
RS-475-99 1767.7-1772.7	0.000	0.005

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Sample Id	Au FA/AA oz/ton	Ag AA oz/ton
RS-475-99 1772.7-1776.1	0.000	<0.003
RS-475-99 1776.1-1779	0.017	0.090
RS-475-99 1779-1784.5	0.000	0.006
RS-475-99 1784.5-1789.5	0.000	0.009
RS-475-99 1789.5-1793	0.000	0.006
RS-475-99 1793-1797	0.000	0.004
RS-475-99 1797-1800	0.002	0.009
RS-475-99 1800-1803.1	0.000	0.008
RS-475-99 1803.1-1807.9	0.000	0.007

Pulp

STD 1809.7 "B"	0.030	0.042

Drill Core

RS-475-99 1807.9-1813	0.000	0.005
RS-475-99 1813-1820	0.000	0.004
RS-475-99 1820-1830	0.000	0.005
RS-475-99 1830-1838.3	0.000	0.006

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Sample Id	Au FA/AA oz/ton	Ag AA oz/ton
RS-475-99 1838.3-1843.7	0.000	0.003
RS-475-99 1843.7-1846.7	0.000	<0.003
RS-475-99 1846.7-1851.1	0.001	0.004
RS-475-99 1851.1-1856.3	0.000	<0.003
RS-475-99 1856.3-1860	0.000	0.003
RS-475-99 1860-1870	0.000	<0.003
RS-475-99 1870-1880	0.000	<0.003
RS-475-99 1880-1885.3	0.001	0.003
RS-475-99 1885.3-1888	0.001	<0.003
RS-475-99 1888-1890.5	0.000	<0.003
RS-475-99 1890.5-1892.4	0.001	<0.003
RS-475-99 1892.4-1896.5	0.002	0.009
RS-475-99 1896.5-1903.5	0.001	0.006
RS-475-99 1903.5-1909	0.001	0.005
RS-475-99 1909-1914	0.000	<0.003
RS-475-99 1914-1919	0.000	<0.003
RS-475-99 1919-1923.4	0.000	<0.003
RS-475-99 1923.4-1925.1	0.001	0.008
RS-475-99 1925.1-1930	0.000	0.005
RS-475-99 1930-1934.5	0.000	0.003

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Sample Id	Au FA/AA oz/ton	Ag AA oz/ton
RS-475-99 1934.5-1939.5	0.001	0.006
RS-475-99 1939.5-1945	0.001	0.005
RS-475-99 1945-1955	0.000	0.005
RS-475-99 1955-1960.4	0.000	0.005
RS-475-99 1960.4-1963.8	0.001	0.034
RS-475-99 1963.8-1967.7	0.000	0.005
RS-475-99 1967.7-1972	0.000	0.005
RS-475-99 1972-1976.5	0.000	<0.003
RS-475-99 1976.5-1980	0.000	0.003
RS-475-99 1980-1985.3	0.000	0.011
RS-475-99 1985.3-1987	0.001	0.076
RS-475-99 1987-1991	0.006	0.058
RS-475-99 1991-1994.5	0.003	0.040
RS-475-99 1994.5-1997	0.002	0.049
RS-475-99 1997-2001	0.005	0.059
RS-475-99 2001-2005	0.004	0.064
RS-475-99 2005-2008	0.002	0.027
RS-475-99 2008-2013	0.001	0.056
RS-475-99 2013-2017	0.001	0.102
RS-475-99 2017-2022	0.000	0.025

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Drill Core

Sample Id	Au FA/AA oz/ton	Ag AA oz/ton
RS-475-99 2022-2028	0.001	0.034
RS-475-99 2028-2033	0.000	0.049
RS-475-99 2033-2037.5	0.000	0.057
RS-475-99 2037.5-2042	0.000	0.119
RS-475-99 2042-2050	0.000	0.054
RS-475-99 2050-2060	0.001	0.058
RS-475-99 2060-2067.4	0.001	0.057

Pulp

STD 2067.4 "B"	0.200	0.200

Drill Core

RS-475-99 2067.4-2070.3	0.001	0.042
RS-475-99 2070.3-2075	0.001	0.056
RS-475-99 2075-2081	0.000	0.034
RS-475-99 2081-2087.5	0.000	0.045
RS-475-99 2087.5-2095	0.000	0.010
RS-475-99 2095-2099	0.000	0.028

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Drill Core

Sample Id	Au FA/AA oz/ton	Ag AA oz/ton
RS-475-99 2099-2107.5	0.000	0.051
RS-475-99 2107.5-2115	0.000	0.039
RS-475-99 2115-2124	0.000	0.006
RS-475-99 2124-2129	0.000	0.018
RS-475-99 2129-2134	0.000	0.016
RS-475-99 2134-2140	0.000	0.009
RS-475-99 2140-2150	0.000	0.034
RS-475-99 2150-2156.6	0.000	0.005
RS-475-99 2156.6-2160	0.000	0.016
RS-475-99 2160-2165	0.000	0.007
RS-475-99 2165-2170.5	0.000	0.010
RS-475-99 2170.5-2175.5	0.000	0.010
RS-475-99 2175.5-2180	0.001	0.013
RS-475-99 2180-2185	0.000	0.008
RS-475-99 2185-2190	0.000	0.015
RS-475-99 2190-2194.8	0.000	0.034
RS-475-99 2194.8-2199.5	0.000	0.023
RS-475-99 2199.5-2207	0.000	0.012
RS-475-99 2207-2211.5	0.000	0.017
RS-475-99 2211.5-2220	0.000	0.027

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Job: 993678R

Status: Final

Drill Core

Sample Id	Au FA/AA oz/ton	Ag AA oz/ton
RS-475-99 2220-2224.2	0.000	0.020
RS-475-99 2224.2-2229.7	0.000	0.015
RS-475-99 2229.7-2236	0.000	0.013
RS-475-99 2236-2241.3	0.000	0.010
RS-475-99 2241.3-2244.6	0.014	0.022
RS-475-99 2244.6-2251	0.000	0.009
RS-475-99 2251-2257.5	0.000	0.014
RS-475-99 2257.5-2261.2	0.000	0.012
RS-475-99 2261.2-2265	0.000	0.010
RS-475-99 2265-2270	0.000	0.006
RS-475-99 2270-2275.5	0.000	0.010
RS-475-99 2275.5-2280	0.000	0.006
RS-475-99 2280-2285.5	0.000	0.018
RS-475-99 2285.5-2290	0.000	0.026
RS-475-99 2290-2297	0.000	0.020
RS-475-99 2297-2300	0.000	0.031
RS-475-99 2300-2305	0.001	0.041
RS-475-99 2305-2310	0.002	0.033
RS-475-99 2310-2312.5	0.000	0.035
RS-475-99 2312.5-2320	0.000	<0.003

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RS-475-99 2320-2322	0.000	0.018
RS-475-99 2322-2325	0.000	<0.003
RS-475-99 2325-2330	0.002	0.019
RS-475-99 2330-2340	0.001	0.027
RS-475-99 2340-2350.5	0.000	0.018
RS-475-99 2350.5-2360	0.000	0.013
RS-475-99 2360-2370	0.000	0.007
RS-475-99 2370-2380	0.001	0.022
RS-475-99 2380-2390	0.001	0.013
RS-475-99 2390-2400	0.001	0.016
RS-475-99 2400-2407	0.001	0.042
RS-475-99 2407-2410	0.003	0.038
RS-475-99 2410-2415.6	0.001	0.013
RS-475-99 2415.6-2420.9	0.004	0.150
RS-475-99 2420.9-2423.8	0.001	0.086
RS-475-99 2423.8-2427	0.001	0.050
RS-475-99 2427-2429.2	0.002	0.079
RS-475-99 2429.2-2437.5	0.001	0.038
RS-475-99 2437.5-2444	0.000	0.023
RS-475-99 2444-2448	0.001	0.029

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RS-475-99 2448-2451.7	0.000	0.022
RS-475-99 2451.7-2457	0.001	0.045
RS-475-99 2457-2462	0.001	0.043
RS-475-99 2462-2469	0.000	0.030
RS-475-99 2469-2473.7	0.000	0.015
RS-475-99 2473.7-2479	0.000	0.011
RS-475-99 2479-2485.6	0.001	0.014
RS-475-99 2485.6-2495.6	0.000	0.013
RS-475-99 2495.6-2505	0.000	0.013
RS-475-99 2505-2511.3	0.001	0.057
RS-475-99 2511.3-2513.6	0.002	0.130
RS-475-99 2513.6-2520	0.001	0.034
RS-475-99 2520-2530	0.001	0.059
RS-475-99 2530-2540	0.000	0.008
RS-475-99 2540-2550	0.000	0.020
RS-475-99 2550-2556	0.000	0.010
RS-475-99 2556-2561.2	0.001	0.032
RS-475-99 2561.2-2570	0.000	0.010
RS-475-99 2570-2580	0.001	0.022
RS-475-99 2580-2586.3	0.001	0.070

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RS-475-99 2586.3-2590	0.001	0.029
RS-475-99 2590-2594.7	0.001	0.010
RS-475-99 2594.7-2602.1	0.000	0.020
RS-475-99 2602.1-2608	0.000	0.047
RS-475-99 2608-2615.4	0.000	0.027
RS-475-99 2615.4-2621	0.000	0.005
RS-475-99 2621-2626.5	0.000	0.004
RS-475-99 2626.5-2631.5	0.000	0.004

Pulp

STD 2631.5 "B"	0.002	0.012

Drill Core

RS-475-99 2631.5-2637.1	0.001	0.011
RS-475-99 2637.1-2643.1	0.000	<0.003
RS-475-99 2643.1-2647.6	0.000	<0.003
RS-475-99 2647.6-2653.6	0.000	0.006
RS-475-99 2653.6-2660	0.000	0.017

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Sample Id	Au FA/AA oz/ton	Ag AA oz/ton
RS-475-99 2660-2670	0.000	0.011
RS-475-99 2670-2680	0.000	0.003
RS-475-99 2680-2690	0.000	0.006
RS-475-99 2690-2700	0.000	0.011
RS-475-99 2700-2710	0.000	<0.003
RS-475-99 2710-2720	0.000	<0.003
RS-475-99 2720-2730	0.000	0.005
RS-475-99 2730-2733.8	0.000	0.004
RS-475-99 2733.8-2734.5	0.000	0.014
RS-475-99 2734.5-2740.5	0.000	0.004
RS-475-99 2740.5-2750.5	0.000	0.004
RS-475-99 2750.5-2761	0.000	0.010
RS-475-99 2761-2771	0.000	0.006
RS-475-99 2771-2781	0.000	0.004
RS-475-99 2781-2791	0.000	0.004
RS-475-99 2791-2800	0.000	0.003
RS-475-99 2800-2810	0.000	0.005
RS-475-99 2810-2816.5	0.000	0.005
RS-475-99 2816.5-2819.5	0.001	0.027
RS-475-99 2819.5-2824.5	0.000	0.024

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Drill Core

Sample Id	Au FA/AA oz/ton	Ag AA oz/ton
RS-475-99 2824.5-2830	0.000	0.018
RS-475-99 2830-2840	0.001	0.007
RS-475-99 2840-2850	0.000	0.007

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Drill Core

Sample Id	Ag ICP ppm	Al ICP %	As ICP ppm	B ICP ppm	Ba ICP ppm	Bi ICP ppm	Ca ICP %	Cd ICP ppm	Co ICP ppm	Cr ICP ppm
RS-475-99 1600-1654	0.1	0.40	4	16	390	<1	1.26	0.9	<1	24
RS-475-99 1654-1717	<0.1	0.40	3	22	87	<1	0.96	0.9	<1	19
RS-475-99 1717-1767.7	<0.1	0.52	<2	20	114	2	1.17	1.0	<1	18
RS-475-99 1767.7-1807.9	0.4	0.80	<2	29	412	3	1.35	1.1	7	26
RS-475-99 1807.9-1860	<0.1	0.91	87	36	546	4	1.83	1.6	5	11
RS-475-99 1860-1896.5	<0.1	1.07	<2	27	111	2	1.09	0.9	6	22
RS-475-99 1896.5-1925.1	<0.1	1.08	<2	41	104	5	0.75	1.5	5	20
RS-475-99 1925.1-1963.8	0.1	1.43	<2	26	595	4	2.99	1.1	6	11
RS-475-99 1963.8-1985.3	<0.1	1.23	<2	43	449	11	2.29	1.7	14	16
RS-475-99 1985.3-2013	2.4	0.43	135	36	104	5	4.08	6.5	10	50
RS-475-99 2013-2067.4	1.8	0.19	69	32	123	<1	7.10	6.8	8	30
RS-475-99 2067.4-2115	1.1	0.18	117	28	144	6	8.60	2.1	7	31
RS-475-99 2115-2165	0.9	0.17	22	32	115	7	8.60	1.6	9	23
RS-475-99 2165-2211.5	0.9	0.22	46	27	158	7	8.90	6.0	6	28
RS-475-99 2211.5-2265	1.0	0.18	30	37	137	6	7.50	2.4	8	32
RS-475-99 2265-2312.5	1.0	0.30	25	35	136	6	7.90	2.0	9	28
RS-475-99 2320-2322	0.9	0.85	40	43	135	5	4.76	1.6	10	36
RS-475-99 2325-2380	1.6	0.24	16	32	144	2	5.80	1.7	7	35
RS-475-99 2380-2429.2	0.8	0.77	107	43	99	8	4.20	1.9	12	34
RS-475-99 2429.2-2479	2.2	1.07	173	60	58	11	2.86	2.4	16	43

INSPECTORATE

INSPECTORATE AMERICA CORPORATION
840 Greg Street
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16-Nov-99

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

Certificate of Analysis

Attn: Charlotte Ballew
Received: 23-Oct-99 11:07
Project: RS-475-99
PO #: Ref:99-37-29

Job: 993678R
Status: Final

Drill Core

Sample Id	Ag ICP ppm	Al ICP %	As ICP ppm	B ICP ppm	Ba ICP ppm	Bi ICP ppm	Ca ICP %	Cd ICP ppm	Co ICP ppm	Cr ICP ppm
RS-475-99 2479-2530	0.9	1.25	59	51	63	5	3.91	2.0	13	28
RS-475-99 2530-2580	1.8	0.99	82	51	86	8	3.40	2.1	14	26
RS-475-99 2580-2631.5	1.1	0.85	38	46	134	6	3.74	1.8	11	32
RS-475-99 2631.5-2680	0.6	0.59	119	40	147	7	4.34	2.0	11	40
RS-475-99 2680-2733.8	0.7	0.25	28	35	116	<1	4.82	2.2	7	47
RS-475-99 2733.8-2734.5	0.7	0.16	35	37	65	9	4.57	1.8	7	7
RS-475-99 2734.5-2791	0.5	0.20	26	39	77	5	4.44	2.2	8	10
RS-475-99 2791-2850	0.5	0.55	23	41	112	5	3.62	3.1	11	16

Sample Id	Cu ICP ppm	Fe ICP %	Hg HYG ppb	K ICP %	La ICP ppm	Mg ICP %	Mn ICP ppm	Mo ICP ppm	Na ICP %	Ni ICP ppm
RS-475-99 1600-1654	2	1.54	27	0.38	54	0.04	745	2	2.09	1
RS-475-99 1654-1717	3	1.72	31	0.33	55	0.04	502	<1	2.30	1
RS-475-99 1717-1767.7	3	2.01	44	0.31	48	0.09	580	<1	1.79	2
RS-475-99 1767.7-1807.9	41	2.95	44	0.22	14	0.31	215	<1	0.74	23
RS-475-99 1807.9-1860	15	3.78	305	0.12	20	0.38	421	<1	0.87	21
RS-475-99 1860-1896.5	12	2.94	68	0.10	22	0.52	350	<1	0.98	19
RS-475-99 1896.5-1925.1	24	4.49	81	0.12	19	0.49	163	<1	1.04	33
RS-475-99 1925.1-1963.8	18	2.92	51	0.23	24	0.72	530	<1	0.76	47

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Certificate of Analysis

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Drill Core

Sample Id	Cu ICP ppm	Fe ICP %	Hg HYG ppb	K ICP %	La ICP ppm	Mg ICP %	Mn ICP ppm	Mo ICP ppm	Na ICP %	Ni ICP ppm
RS-475-99 1963.8-1985.3	44	4.60	31	0.23	11	0.52	313	<1	0.80	36
RS-475-99 1985.3-2013	54	4.15	51	0.12	3	0.23	316	28	14.44	54
RS-475-99 2013-2067.4	51	3.15	58	0.14	3	0.57	311	46	16.43	75
RS-475-99 2067.4-2115	31	3.29	64	0.11	3	1.52	255	45	2.54	44
RS-475-99 2115-2165	33	3.31	71	0.12	2	0.99	265	41	3.13	53
RS-475-99 2165-2211.5	47	2.85	88	0.15	2	0.85	280	46	14.53	64
RS-475-99 2211.5-2265	44	3.51	105	0.11	<2	0.51	309	36	5.14	66
RS-475-99 2265-2312.5	39	3.70	47	0.12	3	1.05	364	34	3.50	42
RS-475-99 2320-2322	37	4.42	34	0.12	4	0.86	568	9	2.34	23
RS-475-99 2325-2380	30	3.16	47	0.14	3	0.62	443	30	2.65	40
RS-475-99 2380-2429.2	49	4.88	51	0.12	3	1.04	521	10	2.59	28
RS-475-99 2429.2-2479	75	6.22	61	0.04	3	1.16	518	<1	2.34	19
RS-475-99 2479-2530	60	5.36	27	0.09	3	1.15	598	<1	1.99	14
RS-475-99 2530-2580	63	5.62	37	0.09	3	1.14	547	<1	2.14	16
RS-475-99 2580-2631.5	44	4.47	44	0.12	4	0.99	556	1	2.07	19
RS-475-99 2631.5-2680	51	4.08	336	0.17	4	1.00	471	10	2.49	35
RS-475-99 2680-2733.8	38	3.08	27	0.10	2	0.28	319	38	4.42	54
RS-475-99 2733.8-2734.5	33	3.08	20	0.08	2	0.12	344	51	3.38	67
RS-475-99 2734.5-2791	44	3.40	31	0.07	2	0.45	367	46	4.21	56
RS-475-99 2791-2850	42	4.74	31	0.07	2	0.80	515	15	4.94	26

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16-Nov-99

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

Certificate of Analysis

Attn: Charlotte Ballew
Received: 23-Oct-99 11:07
Project: RS-475-99
PO #: Ref:99-37-29

Job: 993678R
Status: Final

Drill Core

Sample Id	P ICP ppm	Pb ICP ppm	Sb ICP ppm	Se ICP ppm	Sr ICP ppm	Ti ICP %	Tl ICP ppm	V ICP ppm	W ICP ppm	Zn ICP ppm
RS-475-99 1600-1654	83	30	<2	<0.5	172	<0.01	<0.5	<2	<1	88
RS-475-99 1654-1717	89	32	<2	<0.5	164	<0.01	<0.5	<2	<1	97
RS-475-99 1717-1767.7	70	32	<2	<0.5	270	<0.01	<0.5	<2	<1	87
RS-475-99 1767.7-1807.9	489	38	<2	<0.5	480	0.01	<0.5	18	<1	63
RS-475-99 1807.9-1860	866	33	7	<0.5	422	0.01	<0.5	34	<1	65
RS-475-99 1860-1896.5	996	27	<2	<0.5	264	<0.01	<0.5	10	<1	57
RS-475-99 1896.5-1925.1	885	39	<2	<0.5	345	<0.01	<0.5	12	<1	66
RS-475-99 1925.1-1963.8	541	35	<2	<0.5	711	0.02	<0.5	16	<1	59
RS-475-99 1963.8-1985.3	614	38	<2	<0.5	706	0.02	<0.5	27	<1	64
RS-475-99 1985.3-2013	754	36	9	<0.5	539	<0.01	<0.5	12	<1	453
RS-475-99 2013-2067.4	929	31	11	1.4	718	<0.01	<0.5	12	<1	486
RS-475-99 2067.4-2115	833	28	13	<0.5	780	<0.01	<0.5	9	<1	88
RS-475-99 2115-2165	970	26	6	<0.5	868	<0.01	<0.5	6	<1	105
RS-475-99 2165-2211.5	823	28	4	<0.5	1149	<0.01	<0.5	10	<1	431
RS-475-99 2211.5-2265	856	32	3	<0.5	885	<0.01	<0.5	5	<1	166
RS-475-99 2265-2312.5	887	29	3	<0.5	866	<0.01	<0.5	8	<1	118
RS-475-99 2320-2322	692	27	3	<0.5	600	<0.01	<0.5	12	<1	87
RS-475-99 2325-2380	722	29	5	<0.5	762	<0.01	<0.5	5	<1	97
RS-475-99 2380-2429.2	787	34	3	<0.5	562	<0.01	<0.5	12	<1	96
RS-475-99 2429.2-2479	798	43	3	<0.5	384	<0.01	<0.5	14	<1	91

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861 W. 6TH STREET
WINNEMUCCA NV 89445

Certificate of Analysis

Attn: Charlotte Ballew
Received: 23-Oct-99 11:07
Project: RS-475-99
PO #: Ref:99-37-29

Job: 993678R
Status: Final

Drill Core

Sample Id	P ICP ppm	Pb ICP ppm	Sb ICP ppm	Se ICP ppm	Sr ICP ppm	Ti ICP %	Tl ICP ppm	V ICP ppm	W ICP ppm	Zn ICP ppm
RS-475-99 2479-2530	693	35	2	<0.5	456	<0.01	<0.5	23	<1	77
RS-475-99 2530-2580	707	38	2	<0.5	425	<0.01	<0.5	16	<1	79
RS-475-99 2580-2631.5	689	30	<2	<0.5	529	<0.01	<0.5	12	<1	79
RS-475-99 2631.5-2680	936	35	6	<0.5	623	<0.01	<0.5	22	<1	94
RS-475-99 2680-2733.8	822	30	2	<0.5	744	<0.01	<0.5	5	<1	155
RS-475-99 2733.8-2734.5	737	29	<2	<0.5	736	<0.01	<0.5	2	<1	121
RS-475-99 2734.5-2791	863	33	<2	<0.5	674	<0.01	<0.5	4	<1	141
RS-475-99 2791-2850	700	34	<2	<0.5	494	<0.01	<0.5	23	<1	162

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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
AA	: Atomic Absorption
ICP	: Inductively Coupled Plasma
HYG	: Hydride Generation

Units:

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

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:
.....
Dave Francisco
Laboratory Manager

cc: RANDY VANCE, NEWMONT MINING CORP.
KURT ALLEN, HECLA MINING COMPANY - ROSEBUD MINE

CUSTOMER——: NEWMONT GOLD COMPANY
MINE SITE——: ROSEBUD
HOLE NO.——: RS475
DATE——: 9/13/99

SILVER STATE SURVEYS, INC.

Survey Certified By

RYAN KELLNER

PROJECTED DEPTH-: N/A

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 50FT (DEGREES)	CLOSURE DISTANCE (FEET)	CLOSURE DIR (DEG)	HOLE TEMP (F) (DEG)
0	0.00	0.00	-58.95	148.60	0.00	0.00	0.00	0.00	0.00	107.2
50	43.16	25.25	-60.39	149.28	-21.63	13.03	1.48	25.25	148.93	107.2
100	86.92	49.42	-61.79	149.18	-42.40	25.39	1.40	49.42	149.08	105.5
150	131.12	72.80	-62.45	148.72	-62.43	37.45	0.69	72.80	149.04	105.5
200	175.74	95.36	-63.90	149.49	-81.79	49.04	1.49	95.36	149.05	105.5
250	220.88	116.86	-65.17	149.05	-100.27	60.02	1.28	116.86	149.09	104.6
300	266.45	137.43	-66.23	148.89	-117.90	70.63	0.18	137.43	149.07	103.7
350	312.39	157.18	-67.26	149.45	-134.85	80.75	0.53	157.18	149.09	97.6
370	330.85	164.87	-67.51	149.44	-141.47	84.66	0.18	164.87	149.10	94.9
400	358.64	176.15	-68.29	150.06	-151.22	90.35	0.81	176.15	149.14	93.2
450	405.16	194.50	-68.65	149.48	-167.07	99.58	0.42	194.50	149.20	91.4
480	433.09	205.44	-68.58	148.96	-176.47	105.18	0.34	205.44	149.20	89.7
500	451.77	212.58	-69.60	149.71	-182.61	108.82	0.11	212.58	149.21	87.9
550	498.73	229.76	-70.21	148.26	-197.34	117.67	0.57	229.76	149.19	86.1
600	545.82	246.56	-70.49	146.34	-211.48	126.75	0.35	246.56	149.06	85.3
650	593.00	263.07	-70.87	145.04	-225.15	136.07	0.28	263.07	148.85	83.5
700	640.21	279.48	-70.64	141.99	-238.39	145.87	0.52	279.48	148.54	83.5
750	687.44	295.80	-71.06	143.03	-251.41	155.85	0.27	295.80	148.20	82.6
765	701.62	300.66	-70.87	141.76	-255.28	158.84	0.35	300.66	148.11	82.6
850	782.16	327.74	-71.83	144.75	-277.04	175.11	0.68	327.74	147.70	89.7
900	829.60	343.52	-71.35	146.86	-290.10	183.98	0.31	343.52	147.62	89.7
950	876.99	359.48	-71.42	145.37	-303.35	192.87	0.24	359.48	147.55	89.7
1000	924.40	375.35	-71.56	147.02	-316.54	201.71	0.27	375.35	147.49	89.7

CUSTOMER———: NEWMONT GOLD COMPANY
MINE SITE———: ROSEBUD
HOLE NO.———: RS475
DATE———: 9/13/99

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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 SCAFT (DEGREES)	CLOSURE DISTANCE (FEET)	CLOSURE DIR (DEG)	HOLE TEMP F: (DEG)
1050	971.87	391.05	-71.82	144.89	-328.56	210.50	0.36	391.05	147.43	89.7
1100	1019.29	406.89	-71.24	146.14	-342.62	219.47	0.35	406.89	147.36	89.7
1150	1066.62	423.00	-71.17	146.36	-356.02	228.42	0.05	423.00	147.32	89.7
1200	1113.93	439.19	-71.03	145.19	-369.41	237.53	0.20	439.19	147.26	89.7
1250	1161.18	455.52	-70.82	146.90	-382.96	246.66	0.30	455.52	147.22	89.7
1300	1208.43	471.88	-70.97	145.00	-396.52	255.82	0.32	471.88	147.17	90.5
1350	1255.57	488.51	-70.13	143.74	-410.05	265.52	0.47	488.51	147.08	98.4
1400	1302.58	505.53	-70.01	143.62	-423.78	275.62	0.06	505.53	146.96	98.4
1450	1349.54	522.66	-69.83	142.82	-437.53	285.90	0.16	522.66	146.84	99.3
1500	1396.47	539.86	-69.81	142.33	-451.23	296.38	0.08	539.86	146.70	99.3
1550	1443.42	557.02	-69.96	144.18	-465.01	306.67	0.33	557.02	146.60	100.2
1600	1490.51	573.81	-70.79	145.24	-478.71	316.37	0.45	573.81	146.54	100.2
1650	1537.60	590.61	-69.91	143.41	-492.36	326.18	0.54	590.61	146.48	101.1
1700	1584.60	607.68	-70.13	145.71	-506.28	336.09	0.41	607.68	146.42	102.0
1750	1631.59	624.75	-69.93	144.38	-520.27	345.87	0.25	624.75	146.38	102.8
1800	1678.55	641.90	-69.92	144.48	-534.23	355.85	0.02	641.90	146.33	103.7
1850	1725.45	659.23	-69.51	144.98	-548.38	365.86	0.22	659.23	146.29	103.7
1900	1772.29	676.71	-69.53	145.04	-562.71	375.89	0.01	676.71	146.26	104.6
1950	1819.17	694.10	-69.76	144.86	-576.95	385.88	0.12	694.10	146.22	106.4
2000	1866.10	711.35	-69.88	145.24	-591.09	395.76	0.09	711.35	146.20	107.2
2050	1913.15	728.26	-70.56	145.12	-604.98	405.42	0.34	728.26	146.17	108.1
2100	1960.40	744.61	-71.26	145.05	-618.38	414.78	0.36	744.61	146.15	109.9
2150	2007.97	760.00	-72.83	148.44	-631.25	423.24	0.94	760.00	146.16	109.9

CUSTOMER——: NEWMONT GOLD COMPANY
MINE SITE——: ROSEBUD
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SILVER STATE SURVEYS, INC.

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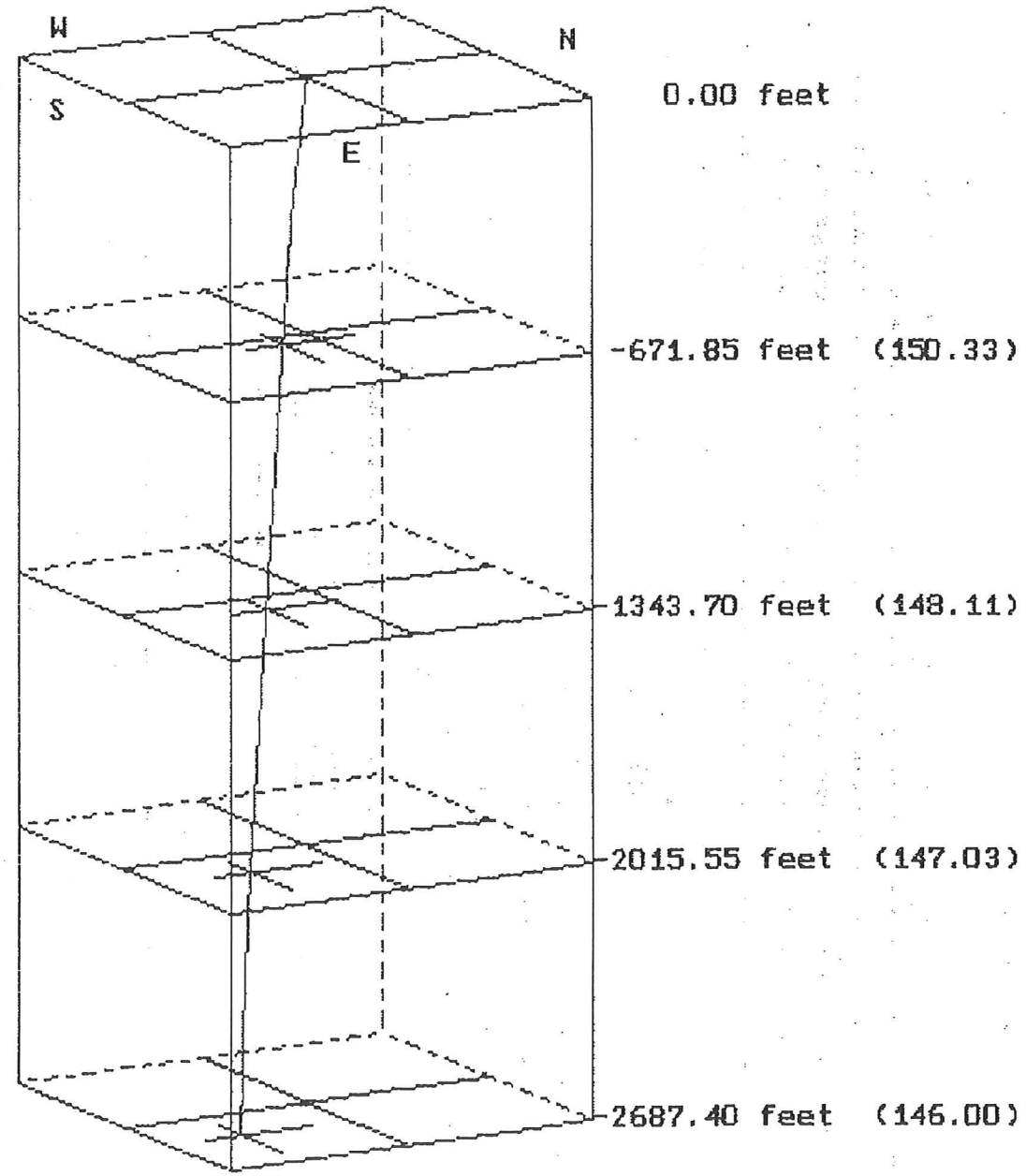
RYAN KELLNER

PROJECTED DEPTH: N/A

MEAS DEPTH (FEET)	TRUE VERTICAL DEPTH (FEET)	TRUE VERTICAL X-SECTION (FEET)	N/S (HORZ) (DEG)	DIRECTION (AZIMUTH)	RECTANGULAR COORDINATES N-S (FEET)	E-W (FEET)	DOGLEG 60/FT (DEGREES)	CLOSURE DISTANCE (FEET)	CLOSURE DIR (DEG)	HOLE TEMP (F) (DEG)
2200	2055.77	774.64	-73.08	149.60	-643.81	430.78	0.21	774.64	146.21	111.6
2250	2103.69	788.89	-73.75	148.44	-656.05	438.13	0.37	788.89	146.26	112.5
2300	2151.74	802.72	-74.11	148.24	-667.83	445.39	0.18	802.72	146.30	112.5
2350	2199.88	816.23	-74.53	147.49	-679.27	452.58	0.23	816.23	146.33	113.4
2400	2248.18	829.14	-75.54	144.29	-689.96	459.61	0.65	829.14	146.32	114.3
2450	2296.71	841.18	-76.56	142.37	-699.63	467.00	0.56	841.18	146.28	115.1
2500	2345.38	852.58	-76.92	138.35	-708.47	474.31	0.50	852.58	146.20	116.0
2550	2394.03	863.99	-76.39	136.58	-716.97	482.11	0.33	863.99	146.08	116.9
2600	2442.69	875.27	-77.10	135.16	-725.20	490.09	0.39	875.27	145.95	117.8
2650	2491.49	886.01	-77.66	135.33	-732.96	497.78	0.28	886.01	145.82	118.7
2700	2540.35	896.40	-77.84	133.08	-740.35	505.39	0.26	896.40	145.68	120.4
2750	2589.26	906.51	-78.22	132.38	-747.39	513.00	0.20	906.51	145.53	121.3
2800	2638.23	916.38	-78.46	133.66	-754.29	520.39	0.18	916.38	145.40	122.2
2850	2687.30	925.86	-79.38	138.26	-761.18	527.08	0.64	925.86	145.30	122.2

3D PROJECTION



Survey File: RS4758
Customer: NEWMONT
Date: 9-30-99
Time: 11:17:28

HORIZONTAL PROJECTION

Survey File: RS475B

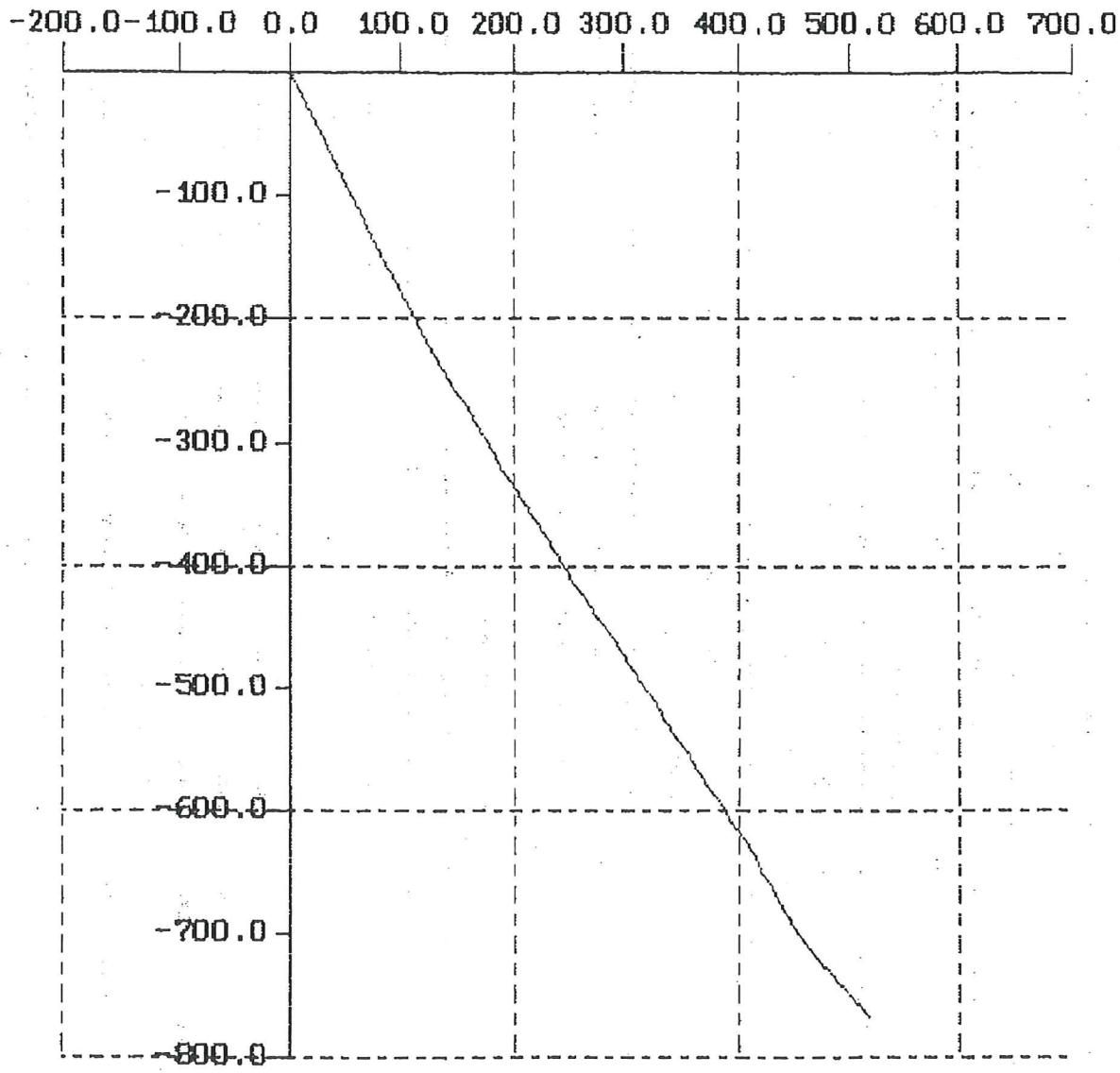
Customer: NEWMONT

Starting from 0.0 E/W 0.0 N/S

Bottom closure direction: 146.0

Time: 11:17:28

Date: 9-30-99



E/W Data Max: 517.0

E/W Data Min: 0.0

(scale in feet)

N/S Data Max: 0.0

N/S Data Min: -766.6

VERTICAL PROJECTION

Survey File: RS475B

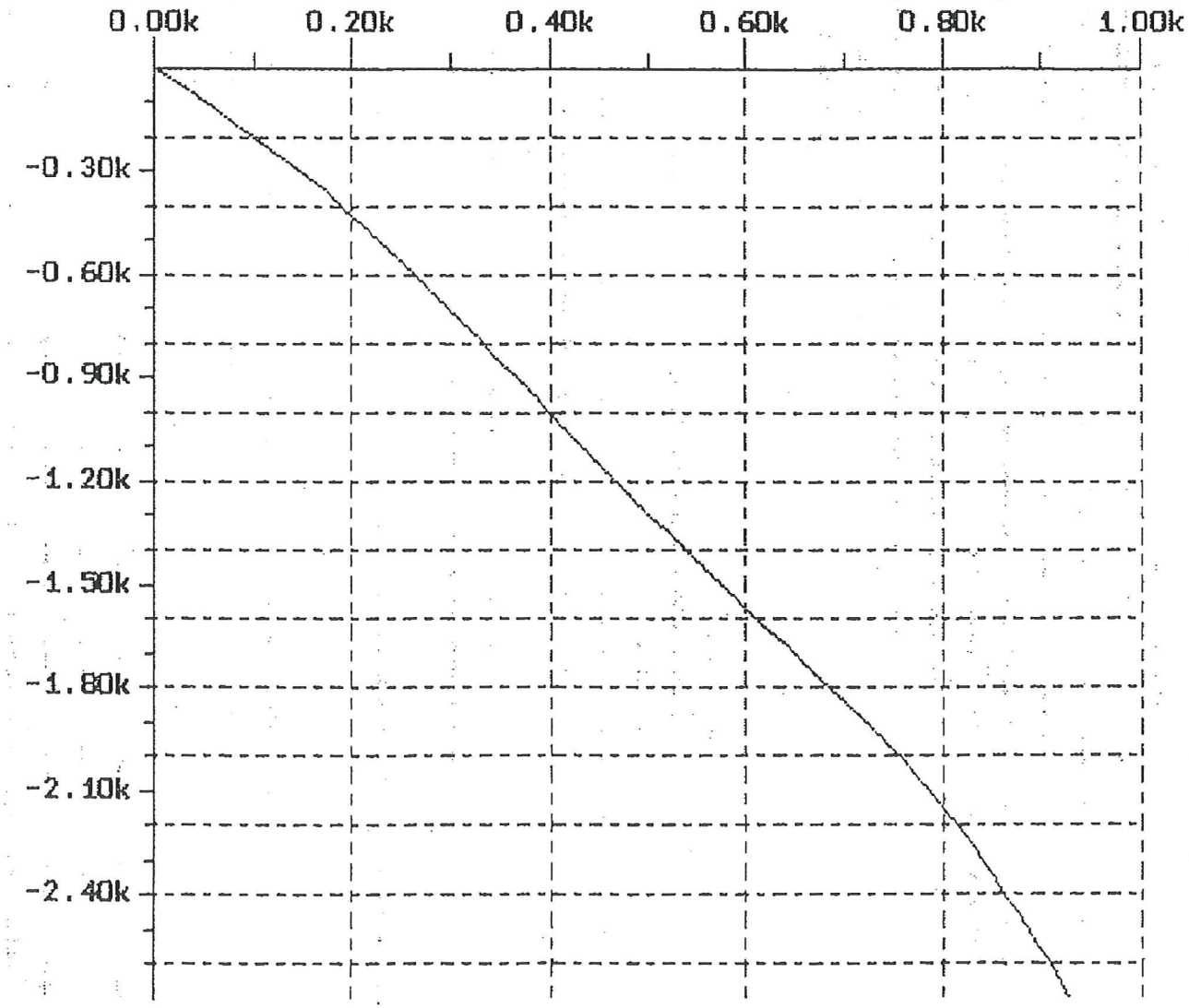
Customer: NEWMONT

Section direction: 146.0

Starting from 0.0 E/W 0.0 N/S

Time: 11:17:28

Date: 9-30-99



Horiz Data Max: 924.7

Horiz Data Min: 0.0

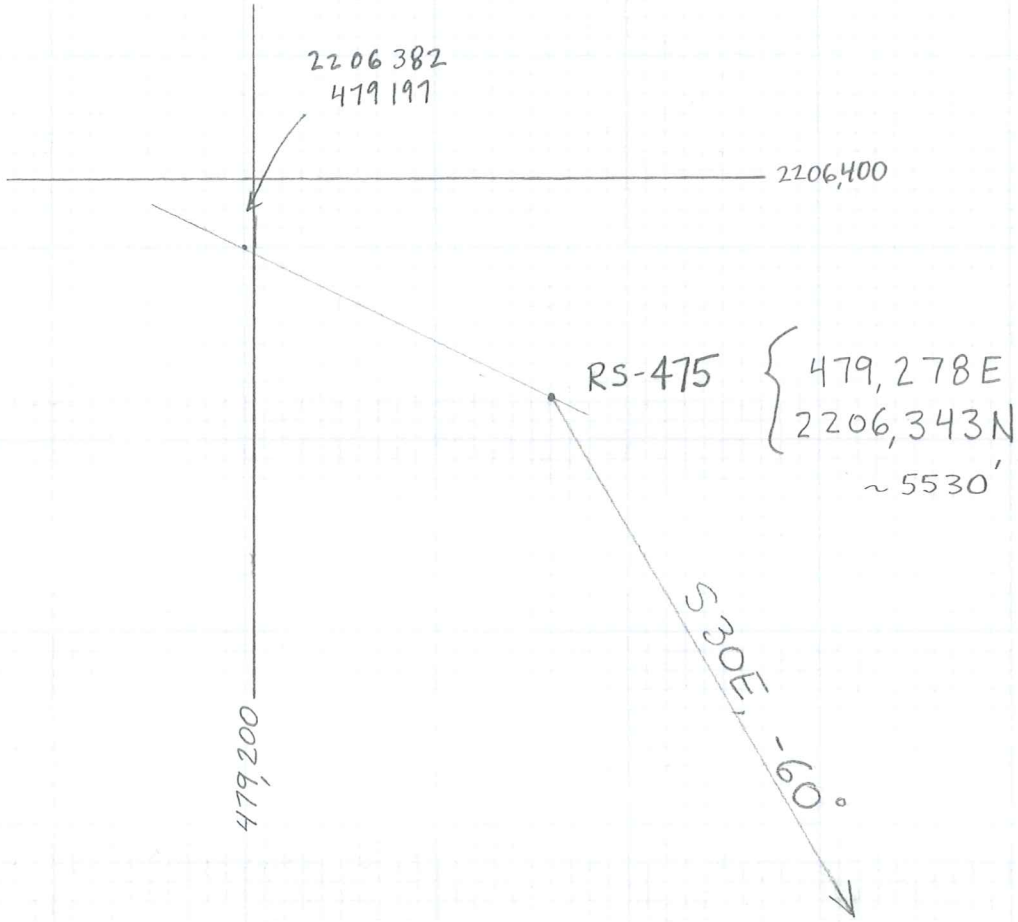
(scale in feet)

Vert Data Max: 0.0

Vert Data Min: -2687.4

8/27/99 RBV

Estimated co-ordinates using Brunton and Hip chain from geophysical grid point



Job: 993638

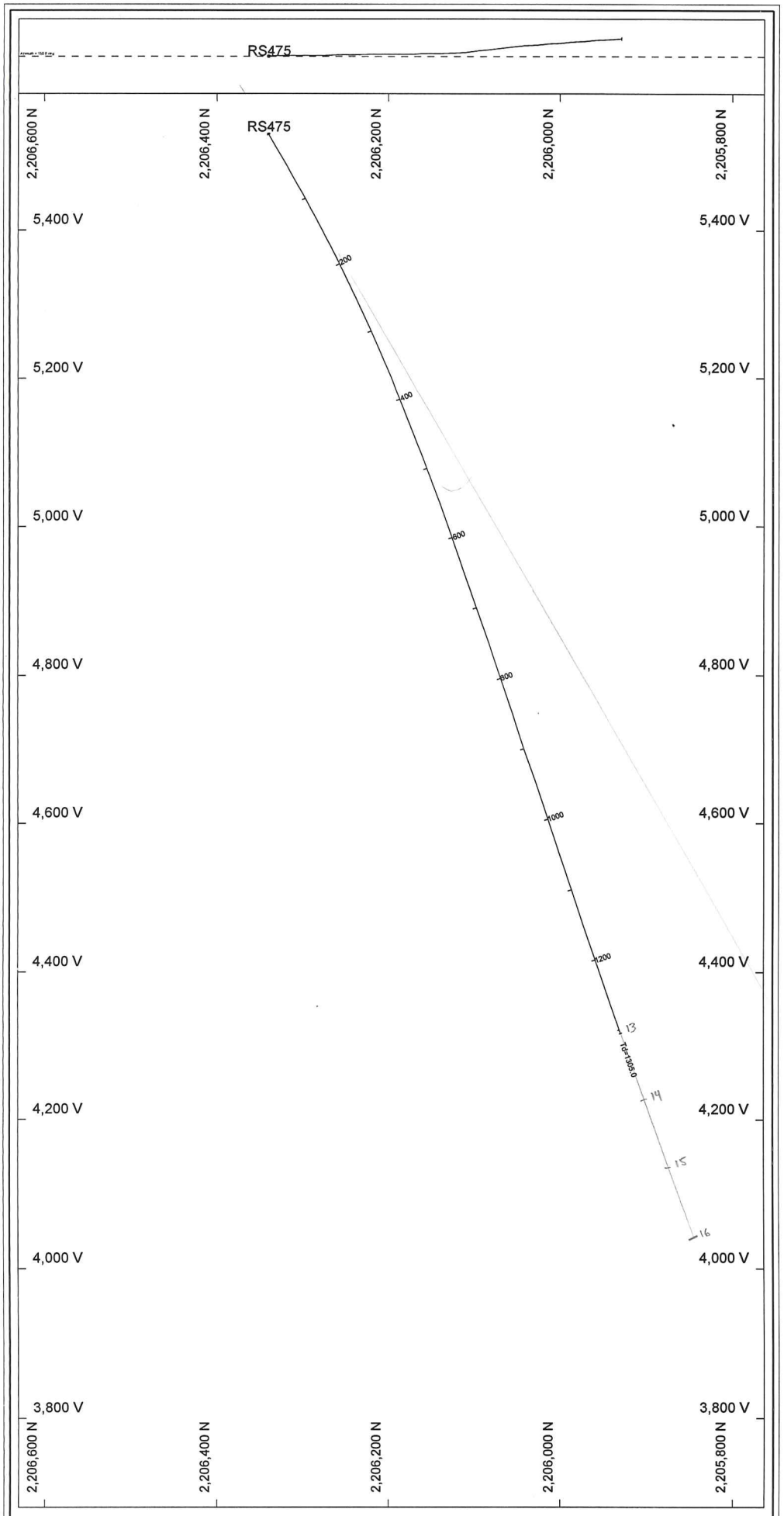
Sample	From	To	Ag ICP ppm	Al ICP %	As ICP ppm	B ICP ppm	Ba ICP ppm	Bi ICP ppm	Ca ICP %	Cd ICP ppm	Co ICP ppm	Cr ICP ppm	Cu ICP ppm	Fe ICP %	Hg HYG ppb	K ICP %
RS-475	1200	1220	0.3	0.34	20	14	95	-1	1.02	-0.5	-1	8	2	1.18	34	0.20
RS-475	1220	1240	1.0	0.23	50	15	54	-1	0.26	-0.5	-1	20	3	1.15	21	0.21
RS-475	1240	1260	1.2	0.40	56	20	53	-1	0.60	-0.5	-1	19	4	1.68	24	0.26
RS-475	1260	1280	0.8	0.29	51	15	46	-1	0.57	-0.5	-1	20	4	1.31	21	0.22
RS-475	1280	1300	1.0	0.35	29	18	34	-1	0.97	-0.5	-1	19	4	1.55	17	0.22
RS-475	1300	1320	0.6	0.31	28	18	44	-1	1.14	-0.5	-1	12	3	1.63	27	0.21
RS-475	1320	1340	0.3	0.37	27	17	33	-1	0.96	-0.5	-1	12	3	1.56	31	0.25
RS-475	1340	1360	0.5	0.26	24	16	40	-1	1.08	-0.5	-1	11	2	1.38	31	0.22
RS-475	1360	1380	0.2	0.33	31	18	69	-1	0.79	-0.5	-1	11	2	1.65	24	0.22
RS-475	1380	1400	0.4	0.35	34	17	37	1	1.16	-0.5	-1	13	3	1.51	41	0.26
RS-475	1400	1420	0.4	0.34	42	17	106	-1	1.01	-0.5	-1	13	3	1.57	69	0.24
RS-475	1420	1440	0.5	0.33	28	23	68	-1	0.94	0.6	-1	15	3	2.24	72	0.23
RS-475	1440	1460	0.5	0.42	21	21	50	-1	0.90	0.5	-1	12	3	2.03	31	0.22
RS-475	1460	1480	0.9	0.43	33	18	47	-1	0.80	0.5	-1	19	3	1.64	38	0.29
RS-475	1480	1500	0.8	0.77	17	22	55	-1	1.49	-0.5	-1	13	5	2.11	27	0.35
RS-475	1500	1520	0.7	0.25	17	17	99	-1	1.68	-0.5	-1	10	3	1.51	34	0.26
RS-475	1520	1540	0.9	0.42	11	14	43	-1	1.51	-0.5	-1	9	3	1.25	38	0.36
RS-475	1540	1560	1.9	0.86	13	20	66	-1	1.18	-0.5	-1	12	4	1.88	24	0.53
RS-475	1560	1580	1.2	0.26	50	18	44	-1	1.16	0.5	1	12	4	1.66	27	0.26
RS-475	1580	1600	0.5	0.45	32	20	45	-1	0.26	0.6	1	29	4	1.88	24	0.37

La ICP ppm	Mg ICP %	Mn ICP ppm	Mo ICP ppm	Na ICP %	Ni ICP ppm	P ICP ppm	Pb ICP ppm	Sb ICP ppm	Se ICP ppm	Sr ICP ppm	Ti ICP %	Tl ICP ppm	V ICP ppm	W ICP ppm	Zn ICP ppm
8	0.03	208	-1	-0.01	-1	145	29	2	-0.5	175	-0.01	-0.5	-2	-1	34
4	0.01	64	2	-0.01	1	110	21	5	0.5	71	-0.01	-0.5	-2	-1	15
4	0.02	175	3	-0.01	1	104	24	6	1.3	107	-0.01	-0.5	-2	-1	18
5	0.02	173	1	-0.01	1	118	24	4	0.9	104	-0.01	-0.5	-2	-1	18
5	0.02	378	-1	-0.01	1	128	24	4	-0.5	124	-0.01	-0.5	-2	-1	23
5	0.02	363	-1	-0.01	-1	131	30	3	-0.5	139	-0.01	-0.5	-2	-1	19
6	0.03	372	-1	-0.01	-1	118	27	3	-0.5	113	-0.01	-0.5	-2	-1	24
6	0.02	304	-1	-0.01	-1	131	19	-2	-0.5	139	-0.01	-0.5	-2	-1	16
7	0.02	210	-1	-0.01	-1	156	23	2	-0.5	127	-0.01	-0.5	-2	-1	19
7	0.03	375	-1	-0.01	-1	133	23	3	-0.5	196	-0.01	-0.5	-2	-1	16
7	0.03	469	-1	-0.01	-1	152	26	2	-0.5	165	-0.01	-0.5	-2	-1	20
5	0.02	484	-1	-0.01	-1	165	24	3	-0.5	127	-0.01	-0.5	-2	-1	19
5	0.02	248	-1	-0.01	-1	147	24	5	-0.5	133	-0.01	-0.5	-2	-1	22
7	0.02	315	-1	-0.01	-1	136	22	3	-0.5	125	-0.01	-0.5	-2	-1	19
8	0.04	435	-1	-0.01	-1	100	26	2	-0.5	164	-0.01	-0.5	2	-1	32
10	0.03	651	-1	-0.01	-1	223	19	2	-0.5	222	-0.01	-0.5	-2	-1	16
13	0.05	546	-1	-0.01	-1	239	18	-2	-0.5	197	-0.01	-0.5	-2	-1	35
14	0.09	563	-1	0.33	-1	206	22	-2	-0.5	171	-0.01	-0.5	2	-1	53
6	0.03	340	-1	0.70	-1	156	21	2	4.3	197	-0.01	-0.5	-2	-1	50
12	0.03	166	1	-0.01	2	97	25	-2	-0.5	86	-0.01	-0.5	-2	-1	49

Job: 993638

Sample	From	To	Ag ICP ppm	Al ICP %	As ICP ppm	B ICP ppm	Ba ICP ppm	Bi ICP ppm	Ca ICP %	Cd ICP ppm	Co ICP ppm	Cr ICP ppm	Cu ICP ppm	Fe ICP %	Hg HYG ppb	K ICP %
RS-475	1200	1220	0.3	0.34	20	14	95	-1	1.02	-0.5	-1	8	2	1.18	34	0.20
RS-475	1220	1240	1.0	0.23	50	15	54	-1	0.26	-0.5	-1	20	3	1.15	21	0.21
RS-475	1240	1260	1.2	0.40	56	20	53	-1	0.60	-0.5	-1	19	4	1.68	24	0.26
RS-475	1260	1280	0.8	0.29	51	15	46	-1	0.57	-0.5	-1	20	4	1.31	21	0.22
RS-475	1280	1300	1.0	0.35	29	18	34	-1	0.97	-0.5	-1	19	4	1.55	17	0.22
RS-475	1300	1320	0.6	0.31	28	18	44	-1	1.14	-0.5	-1	12	3	1.63	27	0.21
RS-475	1320	1340	0.3	0.37	27	17	33	-1	0.96	-0.5	-1	12	3	1.56	31	0.25
RS-475	1340	1360	0.5	0.26	24	16	40	-1	1.08	-0.5	-1	11	2	1.38	31	0.22
RS-475	1360	1380	0.2	0.33	31	18	69	-1	0.79	-0.5	-1	11	2	1.65	24	0.22
RS-475	1380	1400	0.4	0.35	34	17	37	1	1.16	-0.5	-1	13	3	1.51	41	0.26
RS-475	1400	1420	0.4	0.34	42	17	106	-1	1.01	-0.5	-1	13	3	1.57	69	0.24
RS-475	1420	1440	0.5	0.33	28	23	68	-1	0.94	0.6	-1	15	3	2.24	72	0.23
RS-475	1440	1460	0.5	0.42	21	21	50	-1	0.90	0.5	-1	12	3	2.03	31	0.22
RS-475	1460	1480	0.9	0.43	33	18	47	-1	0.80	0.5	-1	19	3	1.64	38	0.29
RS-475	1480	1500	0.8	0.77	17	22	55	-1	1.49	-0.5	-1	13	5	2.11	27	0.35
RS-475	1500	1520	0.7	0.25	17	17	99	-1	1.68	-0.5	-1	10	3	1.51	34	0.26
RS-475	1520	1540	0.9	0.42	11	14	43	-1	1.51	-0.5	-1	9	3	1.25	38	0.36
RS-475	1540	1560	1.9	0.86	13	20	66	-1	1.18	-0.5	-1	12	4	1.88	24	0.53
RS-475	1560	1580	1.2	0.26	50	18	44	-1	1.16	0.5	1	12	4	1.66	27	0.26
RS-475	1580	1600	0.5	0.45	32	20	45	-1	0.26	0.6	1	29	4	1.88	24	0.37

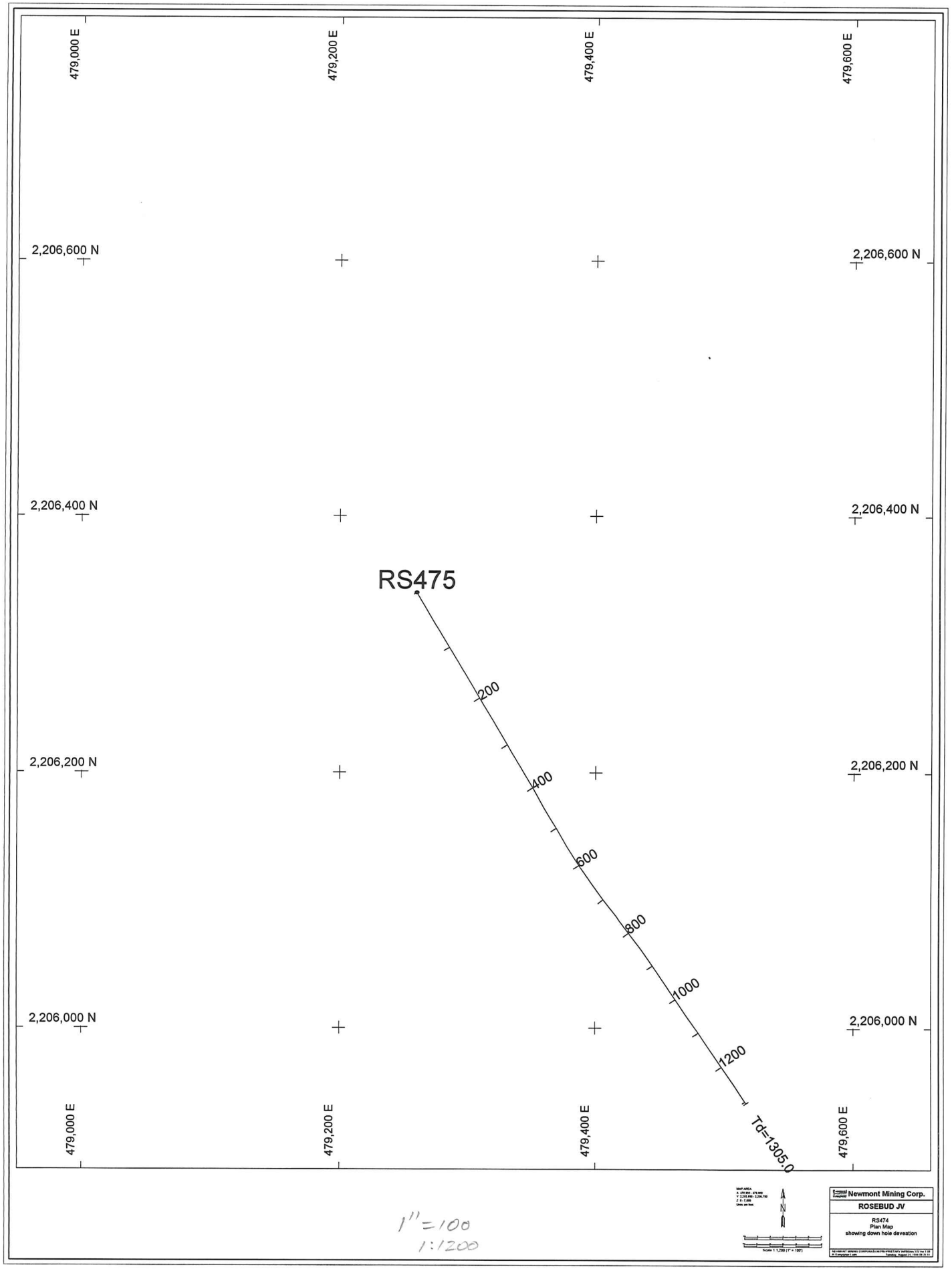
La ICP ppm	Mg ICP %	Mn ICP ppm	Mo ICP ppm	Na ICP %	Ni ICP ppm	P ICP ppm	Pb ICP ppm	Sb ICP ppm	Se ICP ppm	Sr ICP ppm	Ti ICP %	Tl ICP ppm	V ICP ppm	W ICP ppm	Zn ICP ppm
8	0.03	208	-1	-0.01	-1	145	29	2	-0.5	175	-0.01	-0.5	-2	-1	34
4	0.01	64	2	-0.01	1	110	21	5	0.5	71	-0.01	-0.5	-2	-1	15
4	0.02	175	3	-0.01	1	104	24	6	1.3	107	-0.01	-0.5	-2	-1	18
5	0.02	173	1	-0.01	1	118	24	4	0.9	104	-0.01	-0.5	-2	-1	18
5	0.02	378	-1	-0.01	1	128	24	4	-0.5	124	-0.01	-0.5	-2	-1	23
5	0.02	363	-1	-0.01	-1	131	30	3	-0.5	139	-0.01	-0.5	-2	-1	19
6	0.03	372	-1	-0.01	-1	118	27	3	-0.5	113	-0.01	-0.5	-2	-1	24
6	0.02	304	-1	-0.01	-1	131	19	-2	-0.5	139	-0.01	-0.5	-2	-1	16
7	0.02	210	-1	-0.01	-1	156	23	2	-0.5	127	-0.01	-0.5	-2	-1	19
7	0.03	375	-1	-0.01	-1	133	23	3	-0.5	196	-0.01	-0.5	-2	-1	16
7	0.03	469	-1	-0.01	-1	152	26	2	-0.5	165	-0.01	-0.5	-2	-1	20
5	0.02	484	-1	-0.01	-1	165	24	3	-0.5	127	-0.01	-0.5	-2	-1	19
5	0.02	248	-1	-0.01	-1	147	24	5	-0.5	133	-0.01	-0.5	-2	-1	22
7	0.02	315	-1	-0.01	-1	136	22	3	-0.5	125	-0.01	-0.5	-2	-1	19
8	0.04	435	-1	-0.01	-1	100	26	2	-0.5	164	-0.01	-0.5	2	-1	32
10	0.03	651	-1	-0.01	-1	223	19	2	-0.5	222	-0.01	-0.5	-2	-1	16
13	0.05	546	-1	-0.01	-1	239	18	-2	-0.5	197	-0.01	-0.5	-2	-1	35
14	0.09	563	-1	0.33	-1	206	22	-2	-0.5	171	-0.01	-0.5	2	-1	53
6	0.03	340	-1	0.70	-1	156	21	2	4.3	197	-0.01	-0.5	-2	-1	50
12	0.03	166	1	-0.01	2	97	25	-2	-0.5	86	-0.01	-0.5	-2	-1	49



1:2400 1" = 200'

SECTION PLANE
Origin N/VC 472,492 / 2,206,436 / 2,696
Azimuth 150 / 30
Length 1,200
Height 1,200
Thickness 50 (on each side)
Units are feet

Newmont Mining Corp.
ROSEBUD JV
RS474


479,000 E
479,200 E
479,400 E
479,600 E
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2,206,400 N
2,206,200 N
2,206,000 N
RS475
200
400
600
800
1000
1200
Td=1305.0
Newmont Mining Corp.
ROSEBUD JV
RS474
Plan Map
showing down hole deveation

1" = 100
1:1200

The Rosebud Mining Company LLC
P.O. Box 2610
Winnemucca, NV 89446
Phone (702) 623-6912
Fax (702) 623-6967
Hecla Mining Co. - Manager of Mining

FACSIMILE COVER SHEET

DATE: 10/12/99 2:00 pm

TO: Rich Barringer 828-1263 FAX

FROM: Randy Vance 625-5613

NUMBER OF PAGES INCLUDING COVER: 1

MESSAGE: Re: ICP for RS-475:

The core tail (1600-3000') logging is in progress.
For the RC pre-collar 0-1600', please analyze composites below using AQUA ICP.

0-1200' none

1200-1600' 20 Foot composites: 1200-1220, etc..
1580-1600'.

IF YOU DO NOT RECEIVE LEGIBLE COPIES OF ALL PAGES, PLEASE CALL BACK AS SOON AS POSSIBLE.

BARRINGER LABORATORIES, INC.

RENO, NEVADA, U.S.A., 5301 Longley Lane, Bldg. E, Reno, NV, 89511, TEL: 702-828-1158, 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

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Calle 80 Sur N. 47D-65, L-106
Sabaneta, Colombia
TEL (574) 301-0704

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

BARRINGER LABORATORIES NICARAGUA
COMPLEJO OCAL
Km 7.5 Carretera Norte
Managua, Nicaragua
TEL (011-50-5) 883-0778

McCLELLAND/BARRINGER LABORATORIOS HONDURAS
Kilometro 5,
Boulevard Suyapa
Tegucigalpa, M.D.C., Honduras
TEL (011-50-4) 231-1841

Work Order # _____
Date Received _____
Purchase Order # _____
Project # _____
Date Shipped _____
Shipped Via _____
# of Cartons _____
# of Samples _____

8/25/99

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	RS-475 List of Sample Numbers	Elements Requested
320	RC	0-1600' (5, 10, 15 etc.)	
		1. standard prep All intervals	
		2. Assay for Au only as shown on	Au: 1AT FA/AA
		attached List of selected samples	
4	Pulps	275B, 775B, 1225B, 1580B	Au: 1AT FA/AA
		Please run pulps in sequence with drill samples	

PEEL HERE
RS-475 MS-2 (RMG1) 275B

PEEL HERE
RS-475 775B MS-2 (RMG1) 1/2 1/2 G03 = ~ 0.1 oz/st

PEEL HERE
RS-475 MS-2 (RMG1) 1225B ~1-2 ppm +spiked with GO-1

RS-475 MS-3 (RMG1) 1580B

COARSE REJECT (Free storage for 30 days)
- ☐ Return/collect after analysis
- ☐ Return/collect after 30 days
- ☒ 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: Request for ICP analyses will come later.

Au (FA + AA)

# Samples Assayed	RS-475	interval
1	45-50	5'
1	95-100	5'
8	110→150	every 5' sample
1	170-175	5'
1	185-190	5'
3	210→225	every 5' sample
1	245-250	5'
6	265→295	every 5' sample
1	345-350	5'
1	395-400	5'
1	445-450	5'
1	495-500	5'
6	545-575	every 5' sample
1	595-600	5'
1	645-650	5'
6	685-715	every 5' sample
1	745-750	5'
5	760-785	every 5' sample
1	795-800	5'
3	835-850	every 5' sample
3	875-890	"
1	945-950	5'
1	995-1000	5'
1	1045-1050	5'
3	1050-1065	every 5' sample
1	1095-1100	5'
6	1135-1165	every 5' sample
1	1195-1200	
79	1205-1600	every 5' sample

RBV 8/24/99

RS-475 -60°, 530E Near-Mine Target

Alteration contacts for assaying

	0-110	red hm Tct	
*	110-150	orange Tct	Felx 2, Arg 2
	150-185	maroon to purple Tct	
*	185-190	wkly altered	Felx 1 Arg 1
	190-210	purple Tct	
*	210-225	pink to pinkish tan	Felx 1, Arg 2 Py 1?
	225-265	purplish Tct w/ cal vnlng	
*	265-295	Altered	Arg 2, Py 1-2
	295-545	purplish Tct	
*	545-575		Arg 2, Py 1
	575-685	purple Tct	
*	685-715	wkly alt	
	715-760	purplesh-gray Tct	
*	760-785	Alt	Arg 2-3 Py 1-2
	785-835		
*	835-850	Alt	Arg 1 Py 1
	850-875		
*	875-890	Alt.	Arg 1
	890-1050	purplish gray 1	
*	1050-1065		Arg 1 Py 1
	1065-1135	reddish brown	
*	1135-1165	variably altered	
	1165-1205		
*	1205-1600	ASSAY ALL	

146 Au assays

80/5/400 20 20 20

1300-1400

NEWMONT GOLD COMPANY
AUGUST 22/99
↳ RS-975 - Pre

RS-975,
0-1305

CUSTOMER———: NEWMONT GOLD COMPANY
MINE SITE———: ROSEBUD
HOLE NO.———: RS475
DATE———: 08/22/1999

SILVER STATE SURVEYS, INC.

Survey Certified By

ES HALL/D. ST.GEORGES

PROJECTED DEPTH-: N/A

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	-58.95	148.60	0.00	0.00	0.00	0.00	0.00	107.2
50	43.16	25.25	-60.39	149.28	-21.63	13.03	1.48	25.25	148.93	107.2
100	86.92	49.42	-61.79	149.18	-42.40	25.39	1.40	49.42	149.08	105.5
150	131.12	72.80	-62.45	148.72	-62.43	37.45	0.69	72.80	149.04	105.5
200	175.74	95.36	-63.90	149.49	-81.79	49.04	1.49	95.36	149.05	105.5
250	220.88	116.86	-65.17	149.05	-100.27	60.02	1.28	116.86	149.09	104.6
300	266.45	137.43	-66.23	148.89	-117.90	70.63	0.18	137.43	149.07	103.7
350	312.39	157.18	-67.26	149.45	-134.85	80.75	0.53	157.18	149.09	97.6
370	330.85	164.87	-67.51	149.44	-141.47	84.66	0.18	164.87	149.10	94.9
400	358.64	176.15	-68.29	150.06	-151.22	90.35	0.81	176.15	149.14	93.2
450	405.16	194.50	-68.65	149.48	-167.07	99.58	0.42	194.50	149.20	91.4
480	433.09	205.44	-68.58	148.96	-176.47	105.18	0.34	205.44	149.20	89.7
500	451.77	212.58	-69.60	149.71	-182.61	108.82	0.11	212.58	149.21	87.9
550	498.73	229.76	-70.21	148.26	-197.34	117.67	0.57	229.76	149.19	86.1
600	545.82	246.56	-70.49	146.34	-211.48	126.75	0.35	246.56	149.06	85.3
650	593.00	263.07	-70.87	145.04	-225.15	136.07	0.28	263.07	148.85	83.5
700	640.21	279.48	-70.64	141.99	-238.39	145.87	0.52	279.48	148.54	83.5
750	687.44	295.80	-71.06	143.03	-251.41	155.85	0.27	295.80	148.20	82.6
765	701.62	300.66	-70.87	141.76	-255.28	158.84	0.35	300.66	148.11	82.6
850	782.16	327.74	-71.83	144.75	-277.04	175.11	0.68	327.74	147.70	89.7
900	829.60	343.52	-71.35	146.86	-290.10	183.98	0.31	343.52	147.62	89.7
950	876.99	359.48	-71.42	145.37	-303.35	192.87	0.24	359.48	147.55	89.7
1000	924.40	375.35	-71.56	147.02	-316.54	201.71	0.27	375.35	147.49	89.7

CUSTOMER-------: NEWMONT GOLD COMPANY
MINE SITE--------: ROSEBUD
HOLE NO.--------: RS475
DATE----------: 08/22/1999

SILVER STATE SURVEYS, INC.

Survey Certified By

:S HALL/D. ST.GEORGES

PROJECTED DEPTH--: N/A

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)
1050	971.87	391.05	-71.82	144.89	-329.56	210.50	0.36	391.05	147.43	89.7
1100	1019.29	406.89	-71.24	146.14	-342.62	219.47	0.35	406.89	147.36	89.7
1150	1066.62	423.00	-71.17	146.36	-356.02	228.42	0.05	423.00	147.32	89.7
1200	1113.93	439.19	-71.03	145.19	-369.41	237.53	0.20	439.19	147.26	89.7
1250	1161.18	455.52	-70.82	146.90	-382.96	246.66	0.30	455.52	147.22	89.7
1300	1208.43	471.88	-70.97	145.00	-396.52	255.82	0.32	471.88	147.17	90.5
1305	1213.15	473.51	-70.96	145.33	-397.86	256.75	0.10	473.51	147.16	90.5

HORIZONTAL PROJECTION

Survey File: RS-475

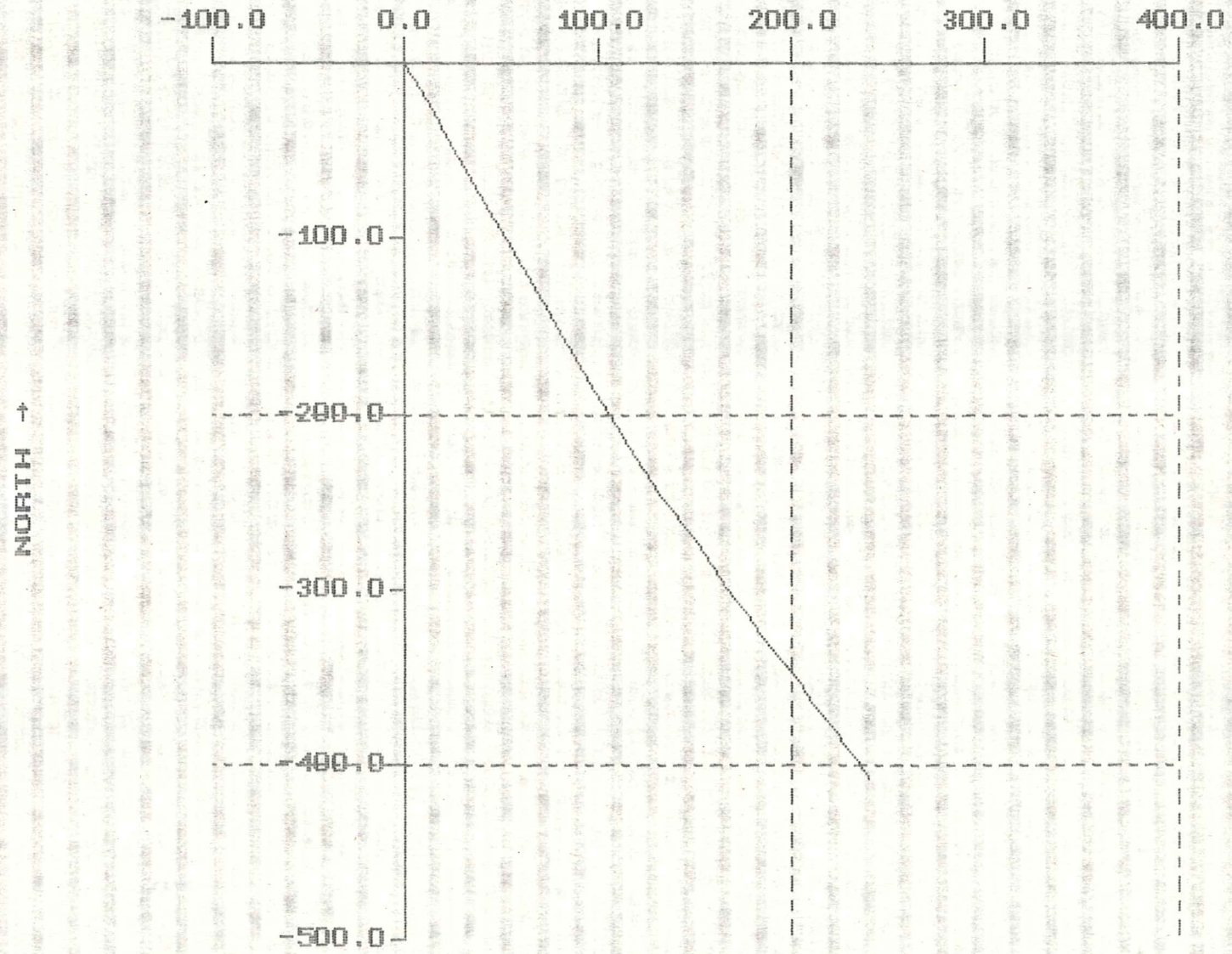
Time: 14:57:50

Starting from 0.0 E/W 0.0 N/S

Customer: NEWMONT GOLD CO

Date: 8-22-99

Bottom closure direction: 149.5



E/W Data Max: 240.0

E/W Data Min: 0.0

(scale in feet)

N/S Data Max: 0.0

N/S Data Min: -407.7

VERTICAL PROJECTION

Survey File: RS-475

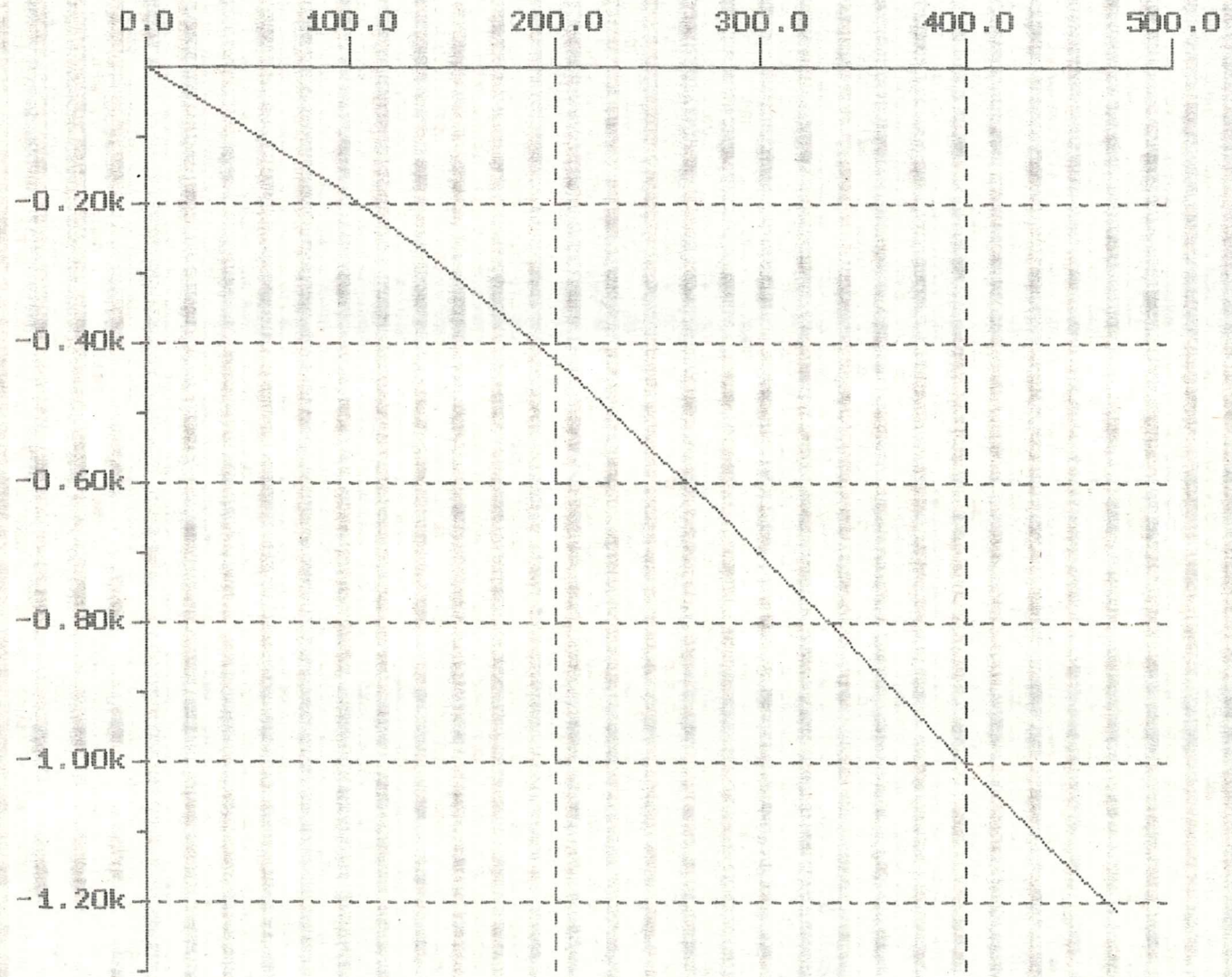
Time: 14:57:50

Section direction: 149.5

Customer: NEWMONT GOLD CO

Date: 8-22-99

Starting from 0.0 E/W 0.0 N/S



Horiz Data Max: 473.1

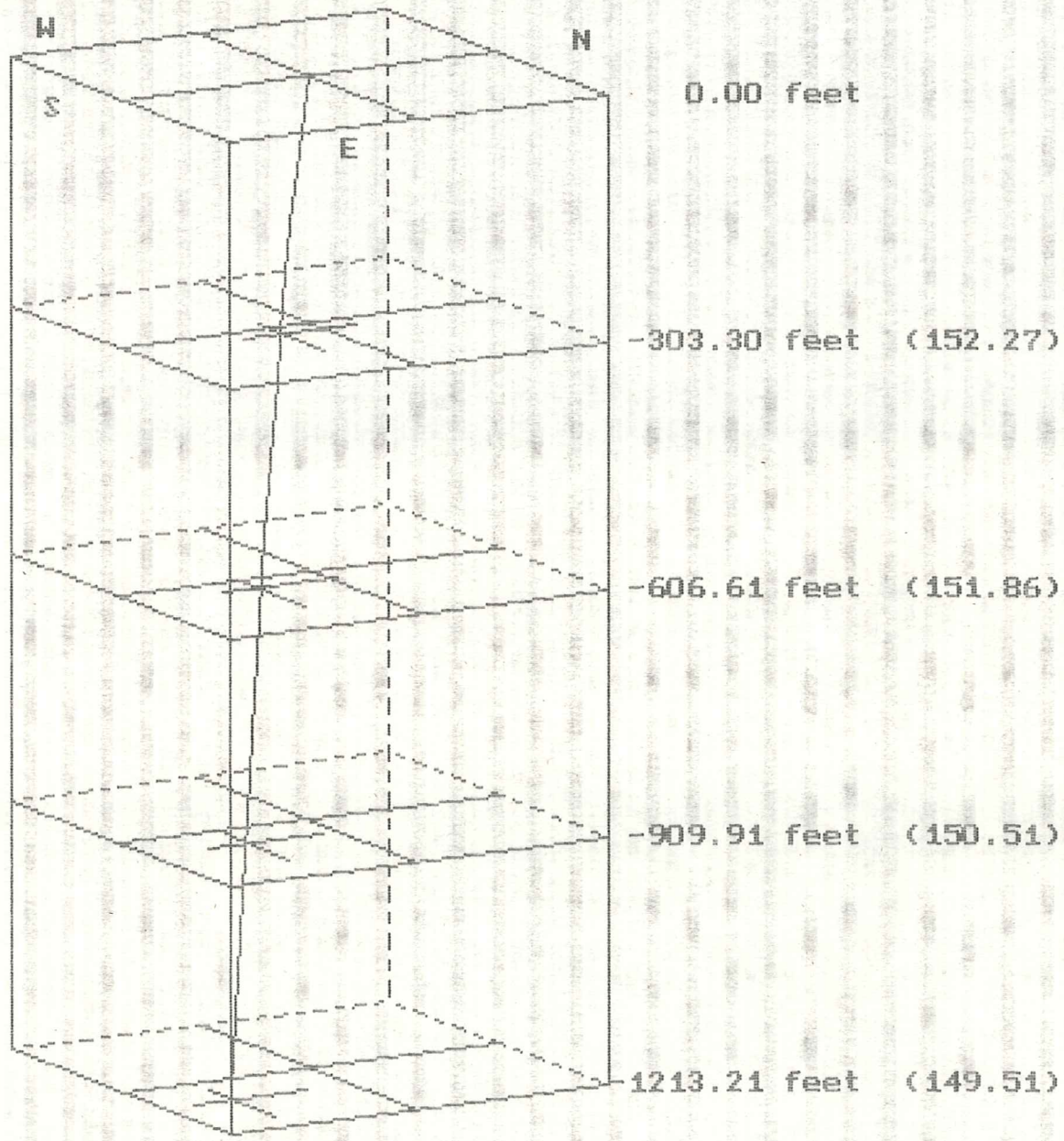
Horiz Data Min: 0.0

(scale in feet)

Vert Data Max: 0.0

Vert Data Min: -1213.2

3D PROJECTION



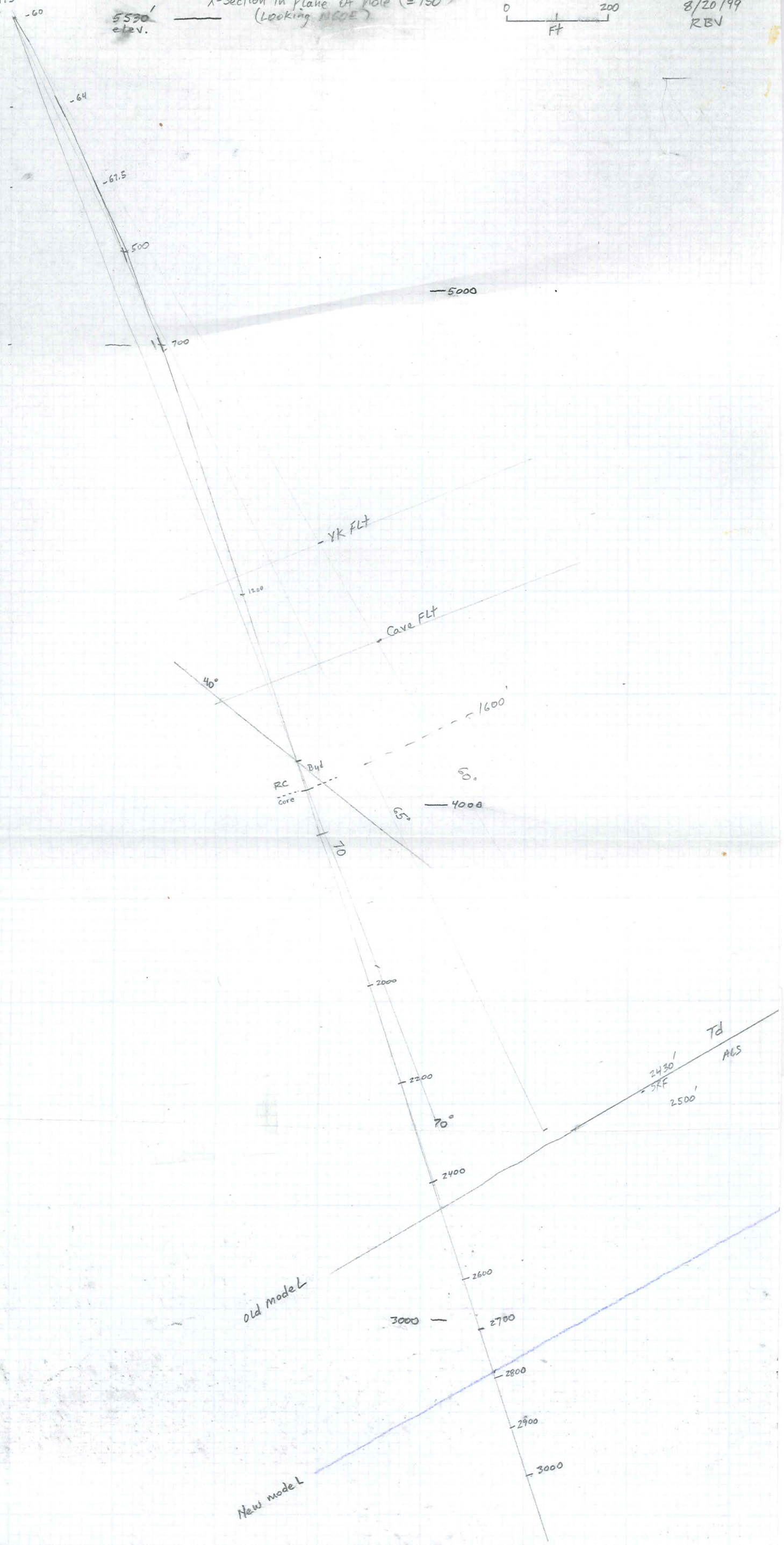
Survey File: RS-475
Customer: NEWMONT GOLD
Date: 8-22-99
Time: 14:57:50

RS-475

X-Section in Plane of hole (= 150°)
(Looking NGOE)

0 200
Ft

8/20/99
RBV



CUSTOMER: NEWMONT GOLD COMPANY
MINE SITE: ROSEBUD
HOLE NO.: RS475
DATE: 08/22/1999

SILVER STATE SURVEYS, INC.

Survey Certified By

:S HALLID. ST.GEORGES

PROJECTED DEPTH-: N/A

MEAS DEPTH (FEET)	TRUE VERTICAL DEPTH (FEET)	TRUE VERTICAL SECTION (FEET)	INCL (DEG)	DIRECTION (AZIMUTH)	RECTANGULAR COORDINATES N/S (FEET)	E/W (FEET)	DOGLEG SEV (DEG/100)	CLOSURE DISTANCE (FEET)	CLOSURE DIR (DEG)	HOLE TEMP (F) (DEG)
1050	971.87	391.05	-71.82	144.89	-329.56	210.50	0.36	391.05	147.43	89.7
1100	1019.29	406.89	-71.24	146.14	-342.62	219.47	0.35	406.89	147.36	89.7
1150	1066.62	423.00	-71.17	146.36	-356.02	228.42	0.05	423.00	147.32	89.7
1200	1113.93	439.19	-71.03	145.19	-369.41	237.53	0.20	439.19	147.26	89.7
1250	1161.16	455.52	-70.82	146.90	-382.96	246.66	0.30	455.52	147.22	89.7
1300	1208.43	471.86	-70.97	145.80	-396.52	255.82	0.32	471.86	147.17	90.5
1305	1213.15	473.51	-70.96	145.33	-397.86	256.75	0.10	473.51	147.16	90.5

VERTICAL PROJECTION

Survey File: RS475

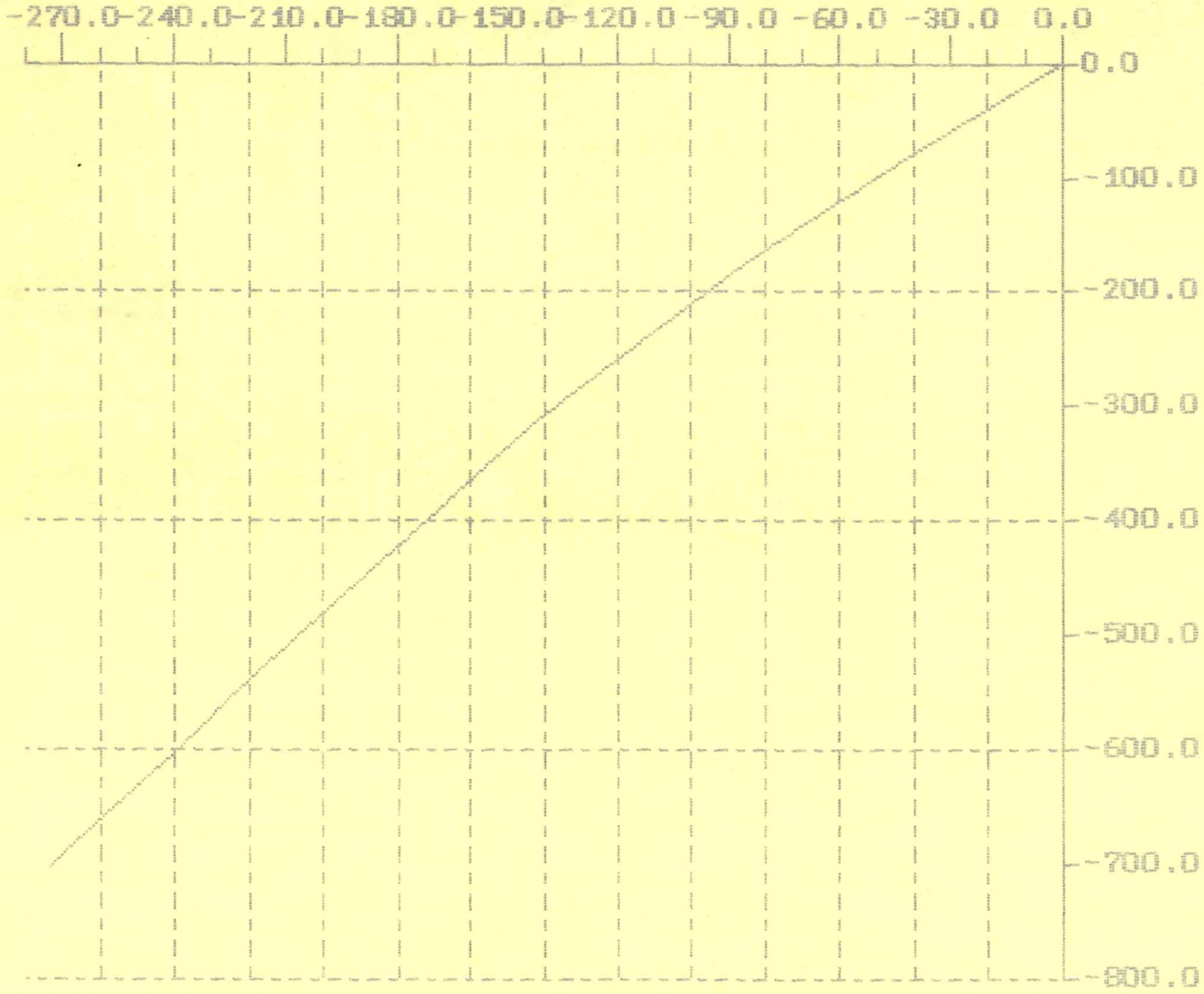
Time: 11:45:47

Section direction: 305.0

Customer: NEWMONT GOLD CO

Date: 8-20-99

Starting from 0.0 E/W 0.0 N/S



Horiz Data Max: 0.0

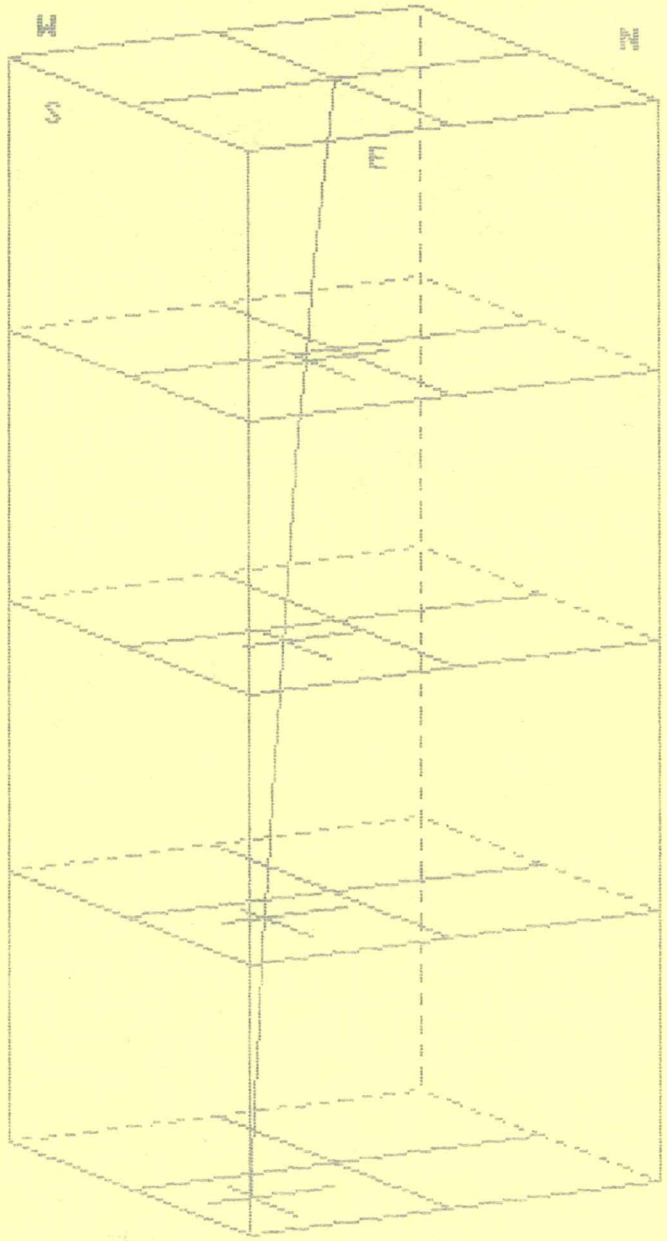
Vert Data Max: 0.0

(scale in feet)

Horiz Data Min: -273.4

Vert Data Min: -701.8

3D PROJECTION



0.00 feet

-175.44 feet (151.04)

-350.88 feet (150.96)

-526.33 feet (150.66)

-701.77 feet (149.33)

Survey File: RS475
Customer: NEWMONT GOLD
Date: 8-20-99
Time: 11:45:47

HORIZONTAL PROJECTION

Survey File: RS475

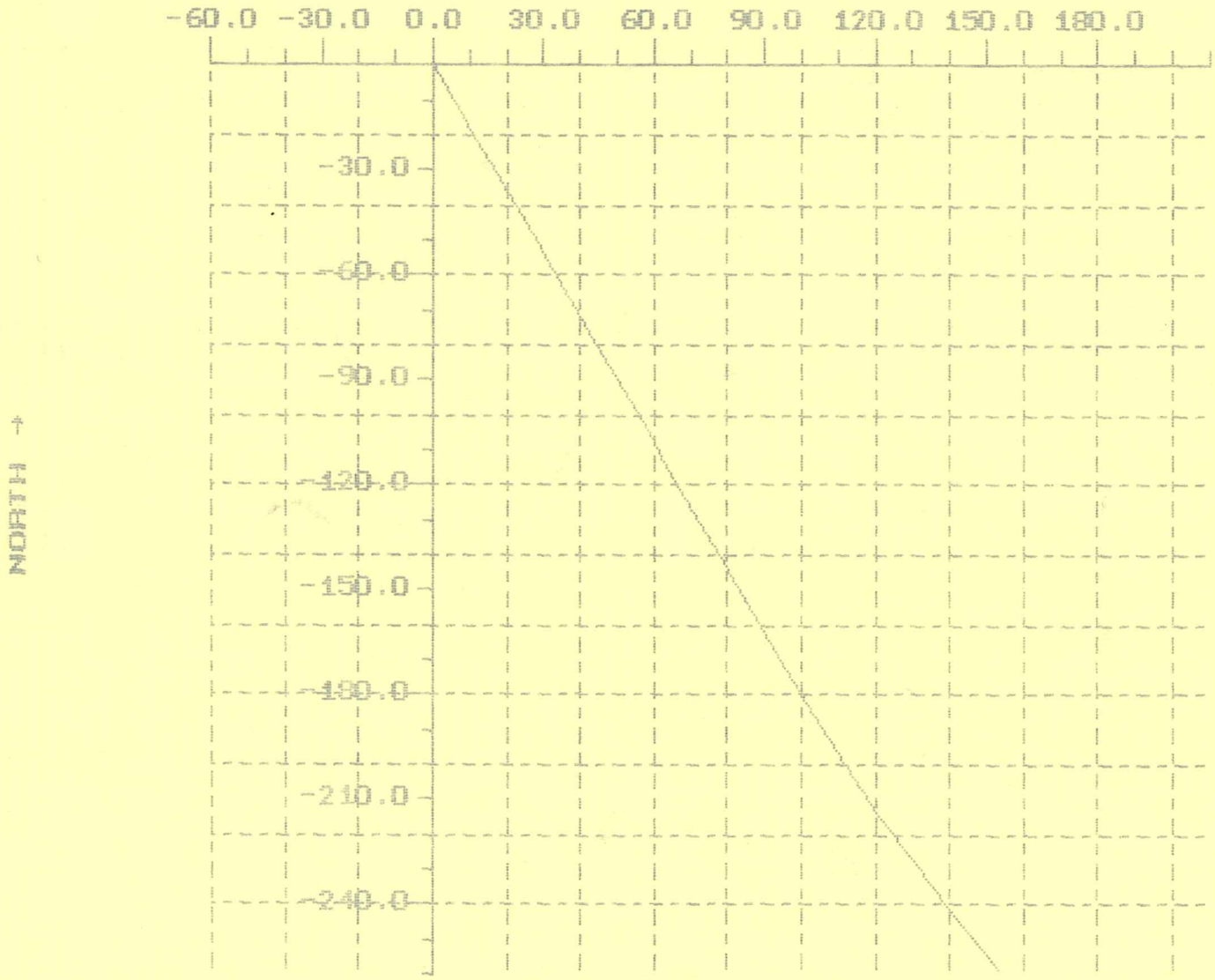
Time: 11:45:47

Starting from 0.0 E/W 0.0 N/S

Customer: NEWMONT GOLD CO

Date: 8-20-99

Bottom closure direction: 149.3



E/W Data Max: 153.0

N/S Data Max: 0.0

(scale in feet)

E/W Data Min: 0.0

N/S Data Min: -258.1

CUSTOMER———: NEWMONT GOLD COMPANY
MINE SITE———: ROSEBUD
HOLE NO.———: RS475
DATE———: 08/22/1999

SILVER STATE SURVEYS, INC.

Survey Certified By

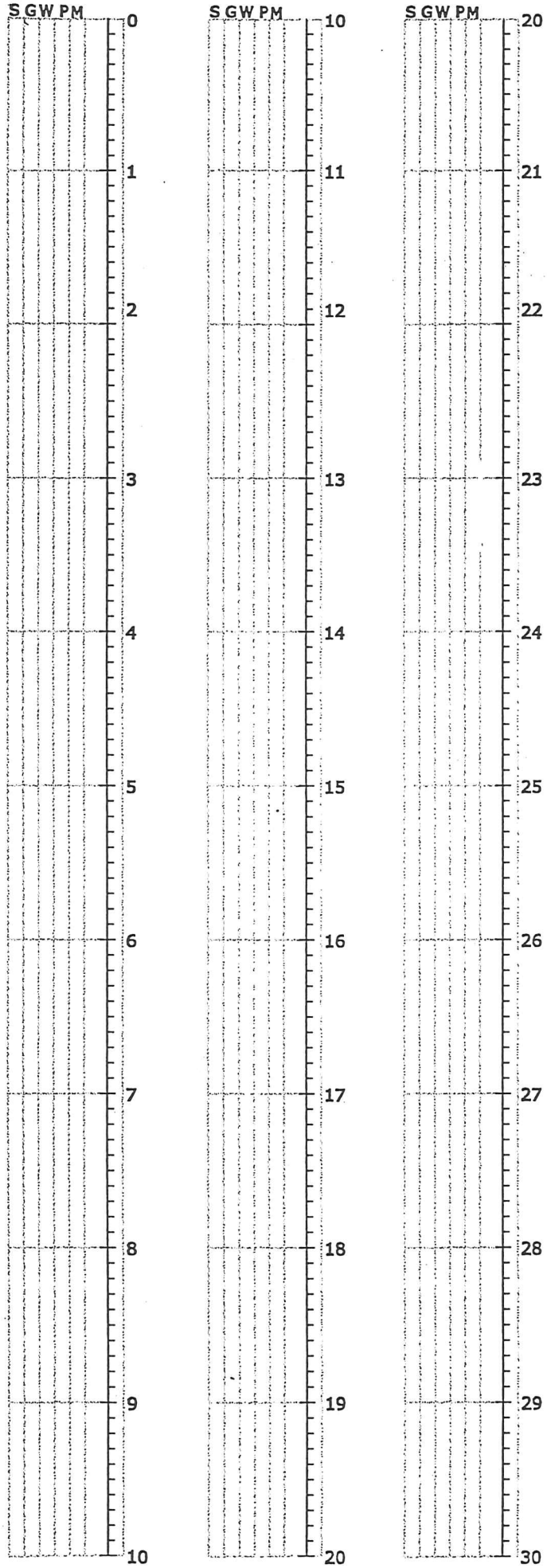
ES HALL/D. ST.GEORGES

PROJECTED DEPTH-: N/A

MEAS DEPTH (FEET)	TRUE VERTICAL DEPTH (FEET)	TRUE VERTICAL SECTION (FEET)	INCL (HORZ) (DEG)	DIRECTION (AZIMUTH)	RECTANGULAR COORDINATES N-S (FEET)	E-W (FEET)	DOGLEG SEVT (DEGREES)	CLOSURE DISTANCE (FEET)	CLOSURE DIR (DEG)	HOLE TEMP (F) (DEG)
0	0.00	0.00	-58.95	148.60	0.00	0.00	0.00	0.00	0.00	107.2
50	43.16	25.25	-60.39	149.28	-21.63	13.03	1.46	25.25	148.93	107.2
100	86.92	49.42	-61.79	149.18	-42.40	25.39	1.40	49.42	149.08	105.5
150	131.12	72.80	-62.45	148.72	-62.43	37.45	0.69	72.80	149.04	105.5
200	175.74	95.36	-63.90	149.49	-81.79	49.04	1.49	95.36	149.05	105.5
250	220.88	116.86	-65.17	149.05	-100.27	60.02	1.28	116.86	149.09	104.6
300	266.45	137.43	-66.23	148.89	-117.90	70.63	0.18	137.43	149.07	103.7
350	312.39	157.18	-67.26	149.45	-134.85	80.75	0.53	157.18	149.09	97.6
370	330.85	164.87	-67.51	149.44	-141.47	84.66	0.18	164.87	149.10	94.9
400	358.64	176.15	-68.29	150.06	-151.22	90.35	0.81	176.15	149.14	93.2
450	405.16	194.50	-68.85	149.48	-167.07	99.58	0.42	194.50	149.20	91.4
480	433.09	205.44	-68.58	148.96	-176.47	105.18	0.34	205.44	149.20	89.7
500	451.77	212.58	-69.60	149.71	-182.61	108.82	0.11	212.58	149.21	87.9
550	498.73	229.76	-70.21	148.26	-197.34	117.67	0.57	229.76	149.19	86.1
600	545.82	246.56	-70.49	146.34	-211.48	126.75	0.35	246.56	149.06	85.3
650	593.00	263.07	-70.87	145.04	-225.15	136.07	0.28	263.07	148.85	83.5
700	640.21	279.48	-70.64	141.99	-238.39	145.87	0.52	279.48	148.54	83.5
750	687.44	295.80	-71.06	143.03	-251.41	155.85	0.27	295.80	148.20	82.6
765	701.62	300.66	-70.87	141.76	-255.28	158.84	0.35	300.66	148.11	82.6
850	782.16	327.74	-71.83	144.75	-277.04	175.11	0.68	327.74	147.70	89.7
900	829.60	343.52	-71.35	146.86	-290.10	183.98	0.31	343.52	147.62	89.7
950	876.99	359.48	-71.42	145.37	-303.35	192.87	0.24	359.48	147.55	89.7
1000	924.49	375.35	-71.58	147.09	-316.54	201.74	0.37	375.35	147.49	89.7

ROSEBUD MINING COMPANY, LLC.

HOLE #	RS-475
START HOLE	RC: 8/18/99 / core
FINISH HOLE	RC: 8/24 / core
HOLE TYPE	RC / Core tail
LOGGED BY	Kurt Allen (RC)
BEARING	S30E
ANGLE	-60
T.D	
SURVEYED TO	multiple down hole surveys
PAGE 1 OF	
COLLAR COORDINATES	
NORTH	2206~~250~~340 est.
EAST	499260
ELEV	5530
DRILLING CO.	Ekund
DRILLER	Ron Schoorl



ALTERATION INTENSITY

1	2	3
WEAK	MODERATE	STRONG

VERITHIN COLOR

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

GRAPHIC LOG

VERITHIN COLOR

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

RS 475

8-19-99

Preliminary Surveys of Precollar

CUSTOMER———: NEWMONT GOLD COMPANY
MINE SITE———: ROSEBUD
HOLE NO.———: RS 475
DATE————: 8/19/99

SILVER STATE SURVEYS, INC.

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

CHARLES HALL
==========

PROJECTED DEPTH--: N/A

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	-58.95	148.60	0.00	0.00	0.00	0.00	0.00	107.2
50	43.15	25.25	-60.39	149.28	-21.63	13.03	1.48	25.25	148.93	107.2
100	86.92	49.42	-61.79	149.18	-42.40	25.40	1.40	49.42	149.08	105.5
150	131.12	72.80	-62.45	148.72	-62.43	37.45	0.70	72.80	149.04	105.5
200	175.74	95.36	-63.90	149.49	-81.78	49.04	1.49	95.36	149.05	105.5
250	220.88	116.86	-65.17	149.05	-100.26	60.02	1.28	116.86	149.09	104.6
300	266.45	137.43	-66.23	148.89	-117.89	70.63	0.18	137.43	149.07	103.7
350	312.39	157.17	-67.26	149.45	-134.85	80.75	0.53	157.17	149.09	97.6
370	330.85	164.87	-67.51	149.44	-141.47	84.66	0.18	164.87	149.10	94.9

HORIZONTAL PROJECTION

Survey File: RS475

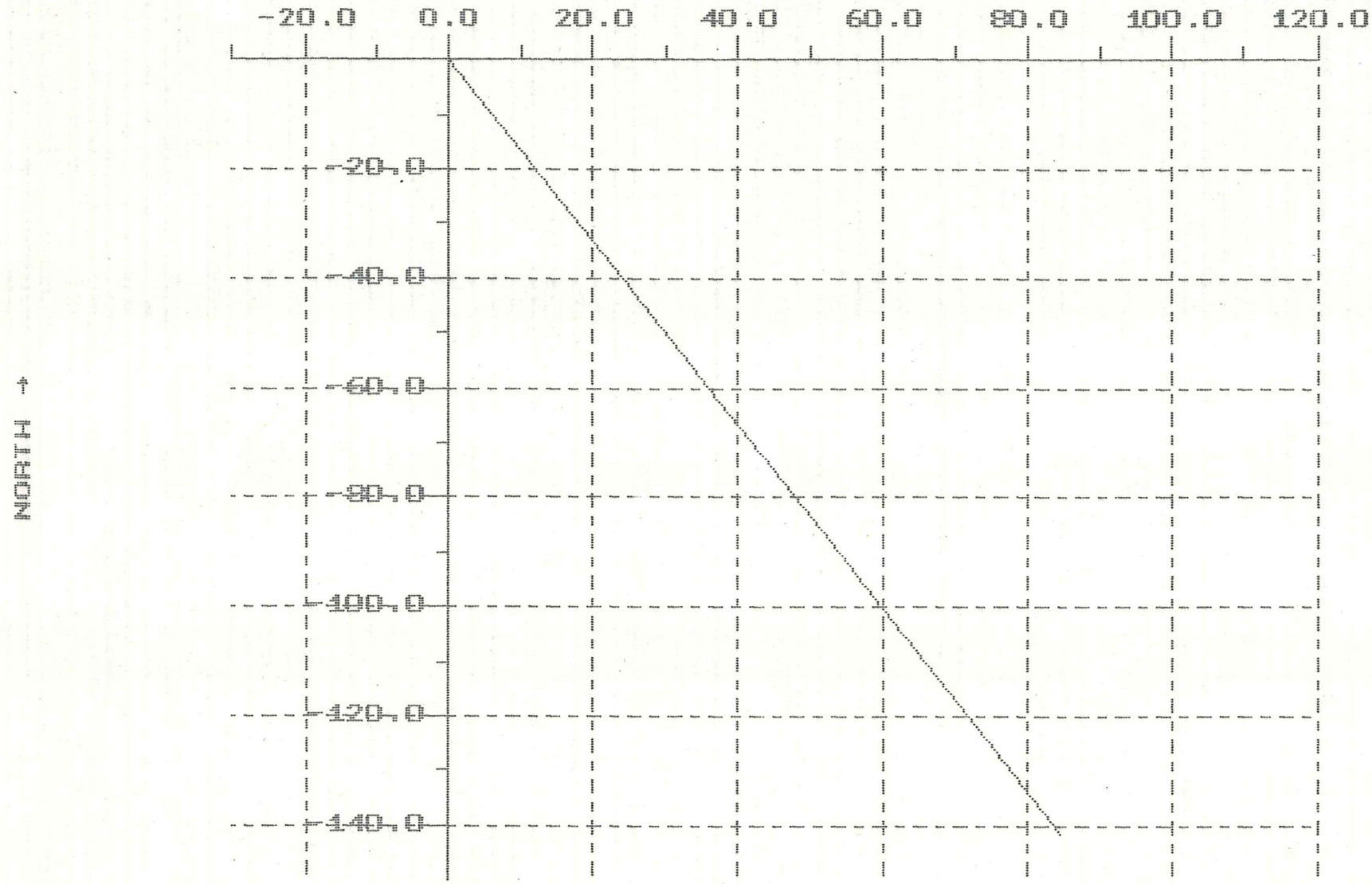
Customer: NEWMONT

Starting from 0.0 E/W 0.0 N/S

Bottom closure direction: 149.1

Time: 14:32:19

Date: 8-19-90



E/W Data Max: 84.7

E/W Data Min: 0.0

(scale in feet)

N/S Data Max: 0.0

N/S Data Min: -141.5

VERTICAL PROJECTION

Survey File: RS475

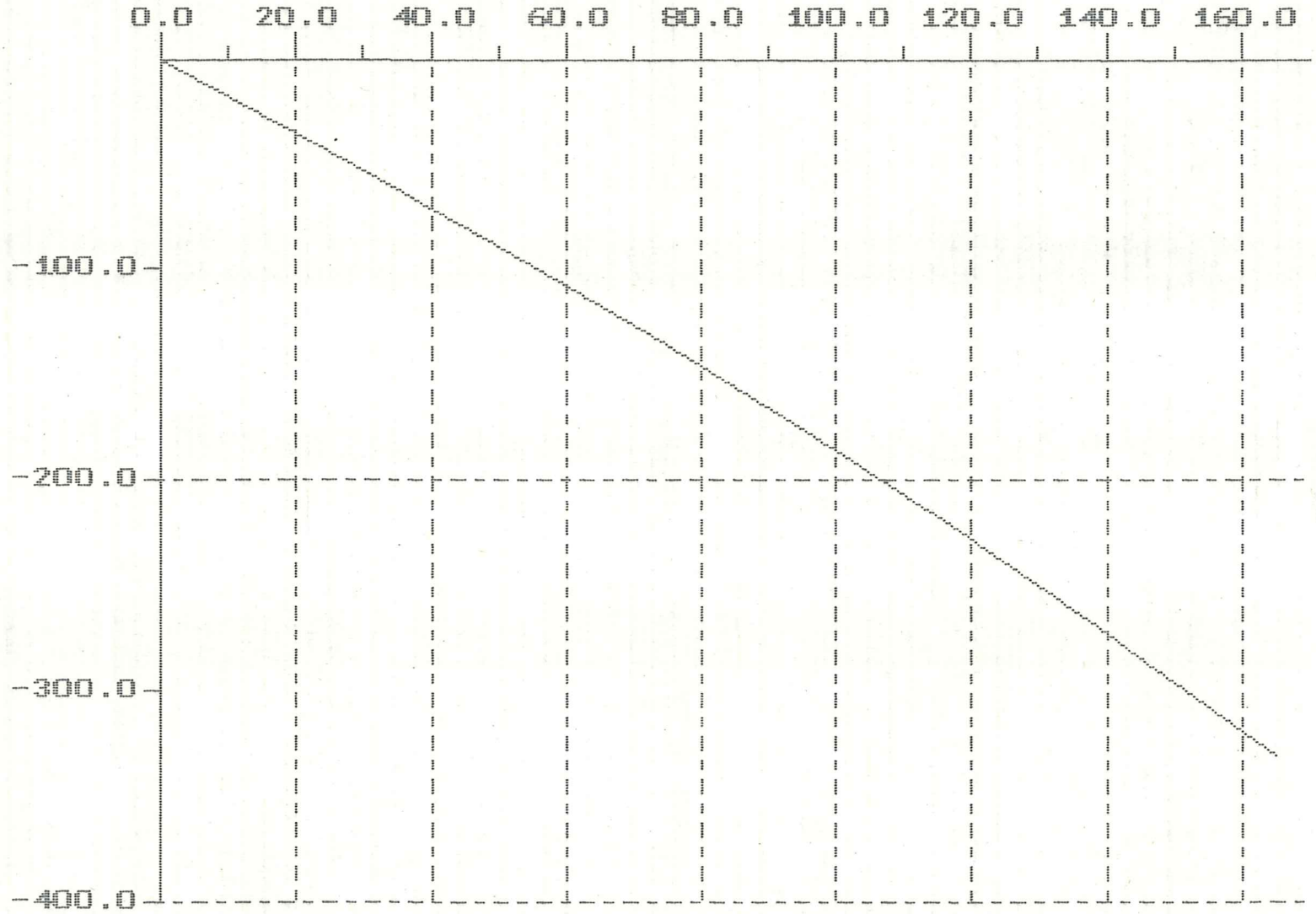
Customer: NEWMONT

Time: 14:32:19

Date: 8-19-90

Section direction: 149.1

Starting from 0.0 E/W 0.0 N/S



Horiz Data Max: 164.9

Horiz Data Min: 0.0

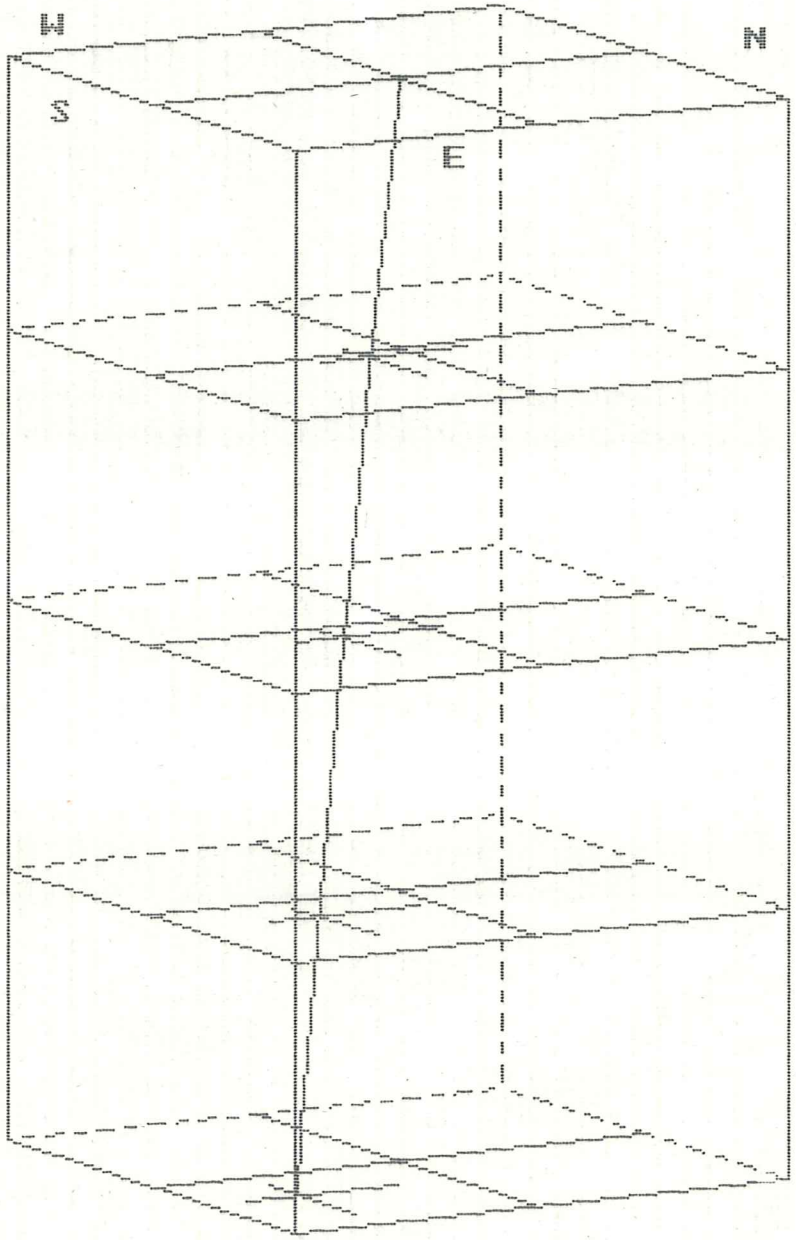
(scale in feet)

Vert Data Max: 0.0

Vert Data Min: -330.8

3D PROJECTION

Survey File: RS475
Customer: NEWMONT
Date: 8-19-90
Time: 14:32:19



0.00 feet

-82.71 feet (149.07)

-165.42 feet (149.05)

-248.13 feet (149.08)

-330.84 feet (149.10)

CUSTOMER———: NEWMONT GOLD COMPANY
MINE SITE———: ROSEBUD
HOLE NO.———: RS475
DATE————: 08/20/1999

SILVER STATE SURVEYS, INC.

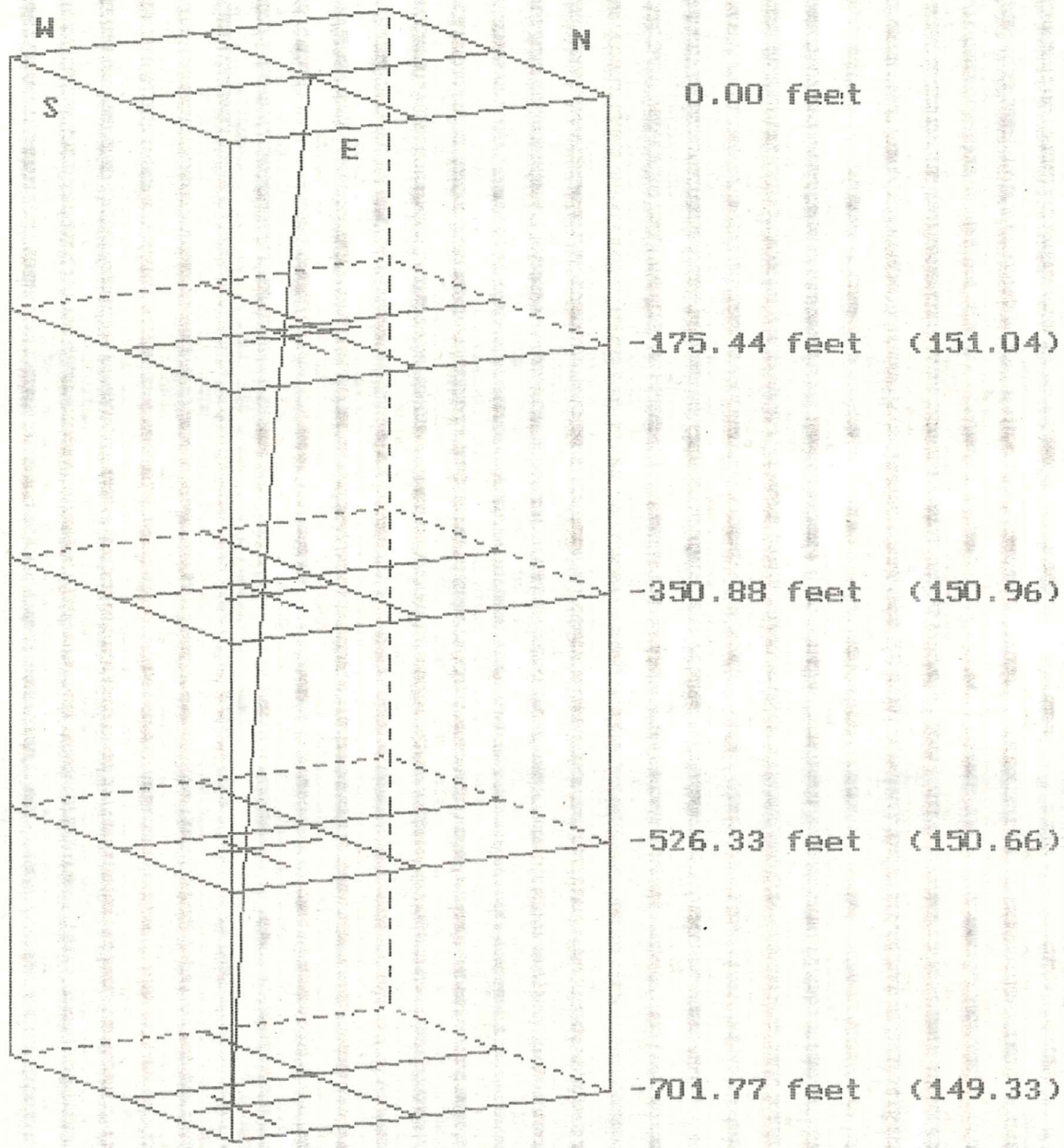
Survey Certified By

CHARLES HALL

PROJECTED DEPTH—: N/A

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	-58.95	148.60	0.00	0.00	0.00	0.00	0.00	107.2
50	43.16	25.25	-60.39	149.28	-21.63	13.03	1.48	25.25	148.93	107.2
100	86.92	49.42	-61.79	149.18	-42.40	25.39	1.40	49.42	149.08	105.5
150	131.12	72.80	-62.45	148.72	-62.43	37.45	0.69	72.80	149.04	105.5
200	175.74	95.36	-63.90	149.49	-81.79	49.04	1.49	95.36	149.05	105.5
250	220.88	116.86	-65.17	149.05	-100.27	60.02	1.28	116.86	149.09	104.6
300	266.45	137.43	-66.23	148.89	-117.90	70.63	0.18	137.43	149.07	103.7
350	312.39	157.18	-67.26	149.45	-134.85	80.75	0.53	157.18	149.09	97.6
370	330.85	164.87	-67.51	149.44	-141.47	84.66	0.18	164.87	149.10	94.9
400	358.64	176.15	-68.29	150.06	-151.22	90.35	0.81	176.15	149.14	93.2
450	405.16	194.50	-68.65	149.48	-167.07	99.58	0.42	194.50	149.20	91.4
480	433.09	205.44	-68.58	148.96	-176.47	105.18	0.34	205.44	149.20	89.7
500	451.77	212.58	-69.60	149.71	-182.61	108.82	0.11	212.58	149.21	87.9
550	498.73	229.76	-70.21	148.26	-197.34	117.67	0.57	229.76	149.19	86.1
600	545.82	246.56	-70.49	146.34	-211.48	126.75	0.35	246.56	149.06	85.3
650	593.00	263.07	-70.87	145.04	-225.15	136.07	0.28	263.07	148.85	83.5
700	640.21	279.48	-70.64	141.99	-238.39	145.87	0.52	279.48	148.54	83.5
750	687.44	295.80	-71.06	143.03	-251.41	155.85	0.27	295.80	148.20	82.6
765	701.62	300.66	-70.87	141.76	-255.28	158.84	0.35	300.66	148.11	82.6

3D PROJECTION



Survey File: RS475
Customer: NEWMONT GOLD
Date: 8-20-99
Time: 11:45:47

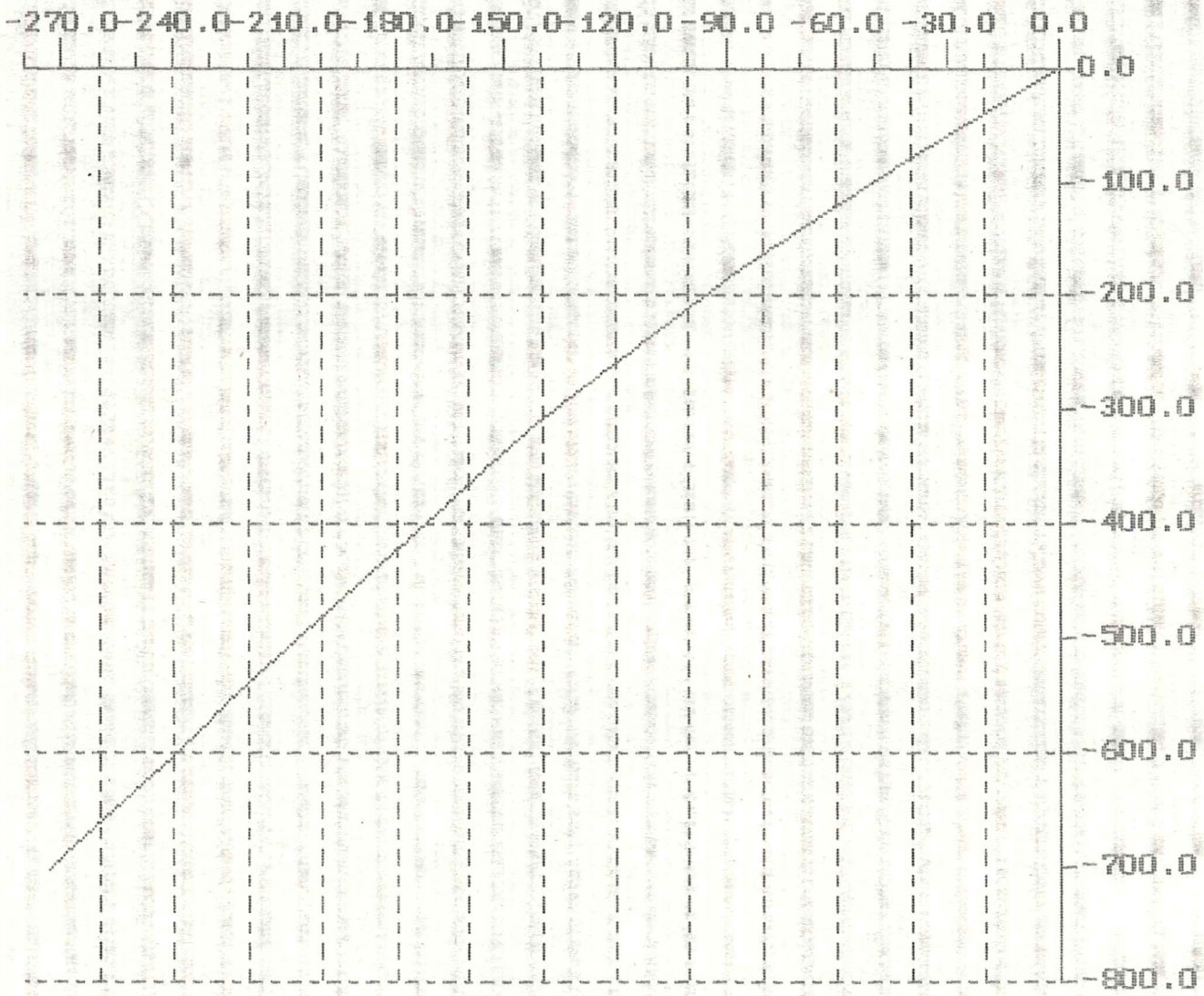
VERTICAL PROJECTION

Survey File: RS475 | Time: 11:45:47

Section direction: 305.0

Customer: NEWMONT GOLD CO | Date: 8-20-99

Starting from 0.0 E/W 0.0 N/S



Horiz Data Max: 0.0 | Vert Data Max: 0.0

(scale in feet)

Horiz Data Min: -273.4 | Vert Data Min: -701.8

HORIZONTAL PROJECTION

Survey File: RS475

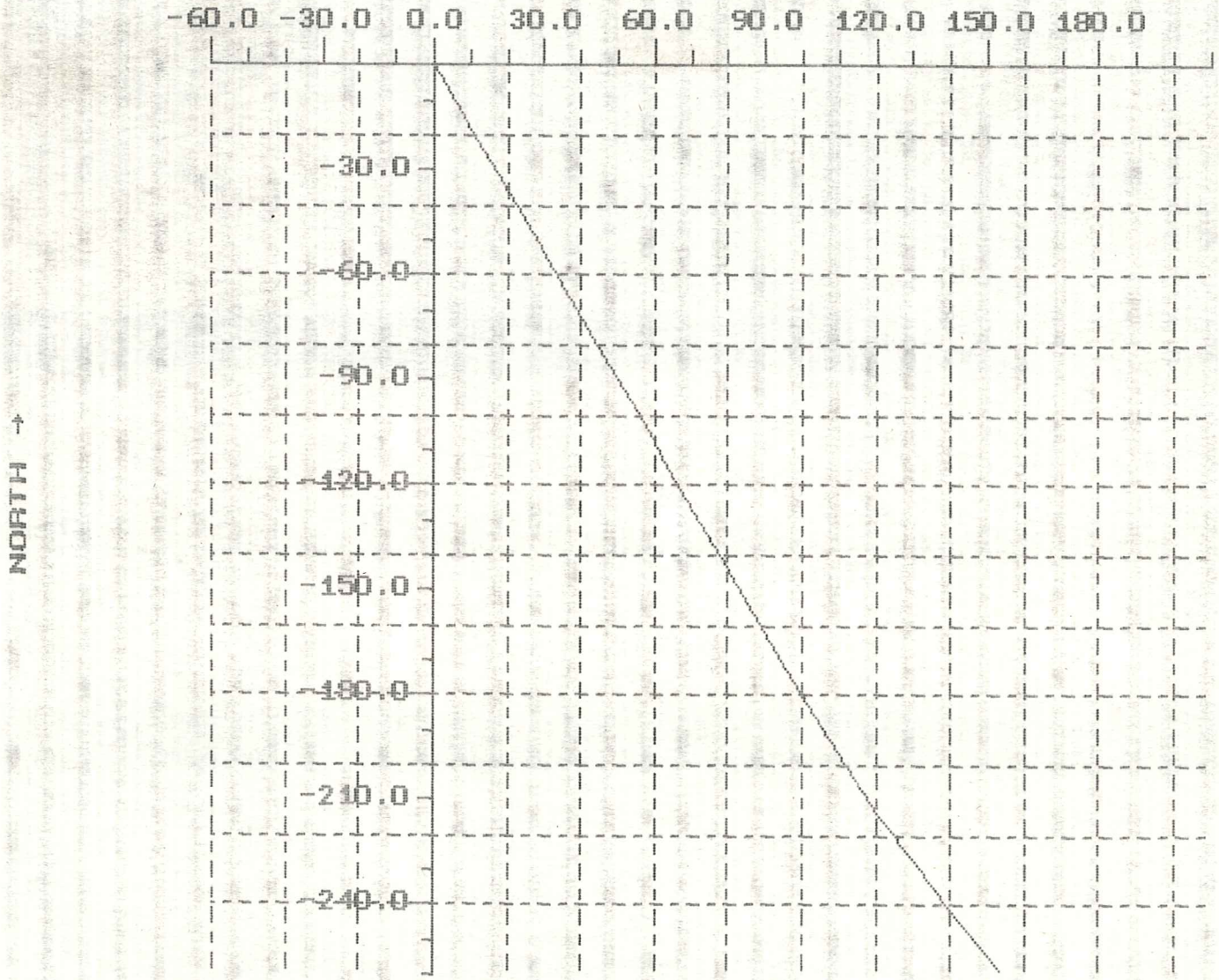
Time: 11:45:47

Starting from 0.0 E/W 0.0 N/S

Customer: NEWMONT GOLD CO

Date: 8-20-99

Bottom closure direction: 149.3



E/W Data Max: 153.0

E/W Data Min: 0.0

(scale in feet)

N/S Data Max: 0.0

N/S Data Min: -258.1

CUSTOMER-------: NEWMONT GOLD COMPANY
MINE SITE--------: ROSEBUD
HOLE NO.--------: RS 475
DATE----------: 8/19/99

SILVER STATE SURVEYS, INC.

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

CHARLES HALL
==========

PROJECTED DEPTH--: N/A

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	-58.95	148.60	0.00	0.00	0.00	0.00	0.00	107.2
50	43.15	25.25	-60.39	149.28	-21.63	13.03	1.48	25.25	148.93	107.2
100	86.92	49.42	-61.79	149.18	-42.40	25.40	1.40	49.42	149.08	105.5
150	131.12	72.80	-62.45	148.72	-62.43	37.45	0.70	72.80	149.04	105.5
200	175.74	95.36	-63.90	149.49	-81.78	49.04	1.49	95.36	149.05	105.5
250	220.88	116.86	-65.17	149.05	-100.26	60.02	1.28	116.86	149.09	104.6
300	266.45	137.43	-66.23	148.89	-117.89	70.63	0.18	137.43	149.07	103.7
350	312.39	157.17	-67.26	149.45	-134.85	80.75	0.53	157.17	149.09	97.6
370	330.85	164.87	-67.51	149.44	-141.47	84.66	0.18	164.87	149.10	94.9
400	358.64	176.15	-68.29	150.06	-151.22	90.35	0.82	176.15	149.14	93.2
450	405.16	194.50	-68.65	149.48	-167.07	99.58	0.42	194.50	149.20	91.4
480	433.09	205.44	-68.58	148.96	-176.47	105.18	0.34	205.44	149.20	89.7

HORIZONTAL PROJECTION

Survey File: RS 475

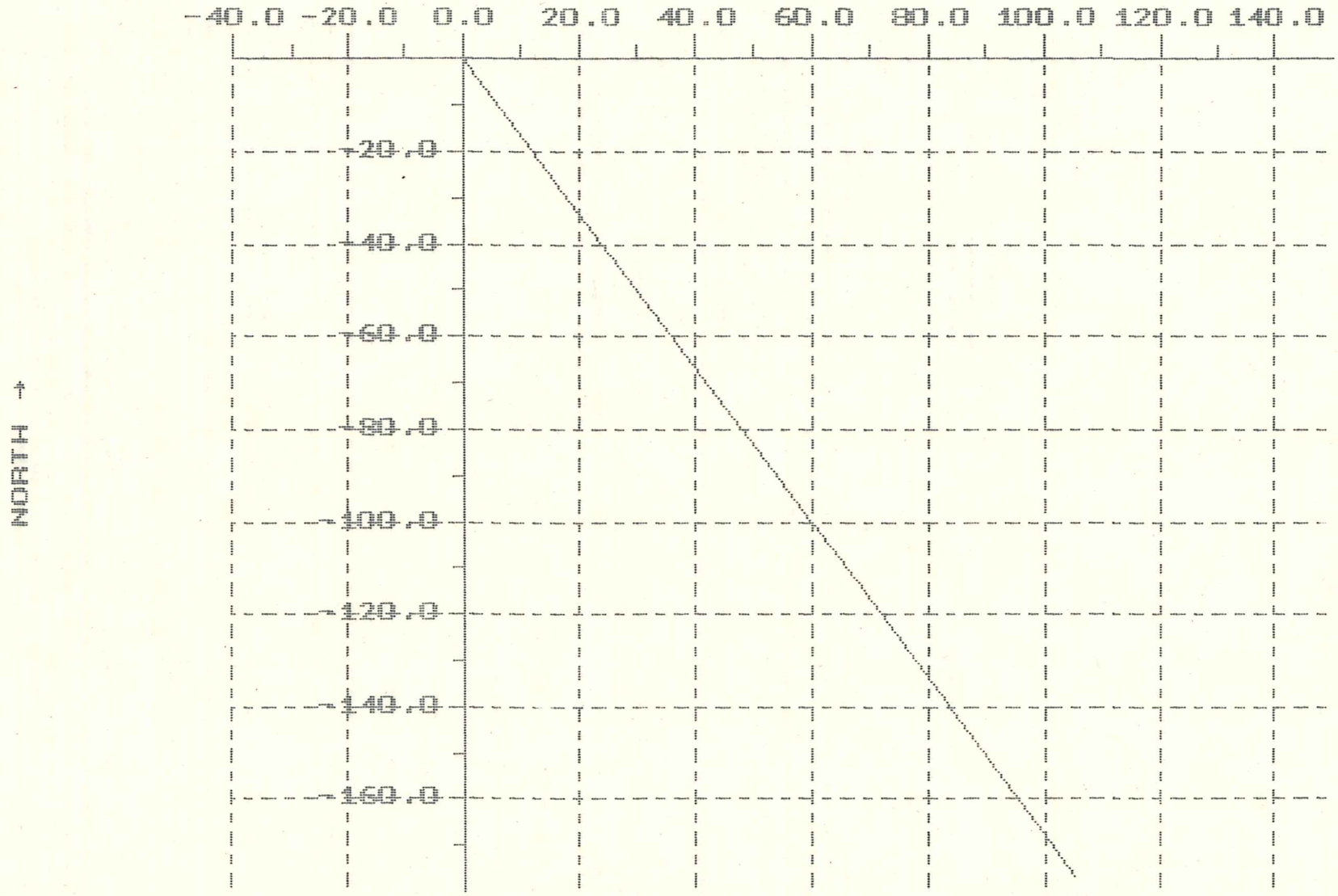
Customer: NEWMONT

Time: 19:32:19

Date: 8-19-90

Starting from 0.0 E/W 0.0 N/S

Bottom closure direction: 149.2



E/W Data Max: 105.2

E/W Data Min: 0.0

(scale in feet)

N/S Data Max: 0.0

N/S Data Min: -176.5

HORIZONTAL PROJECTION

Survey File: RS475

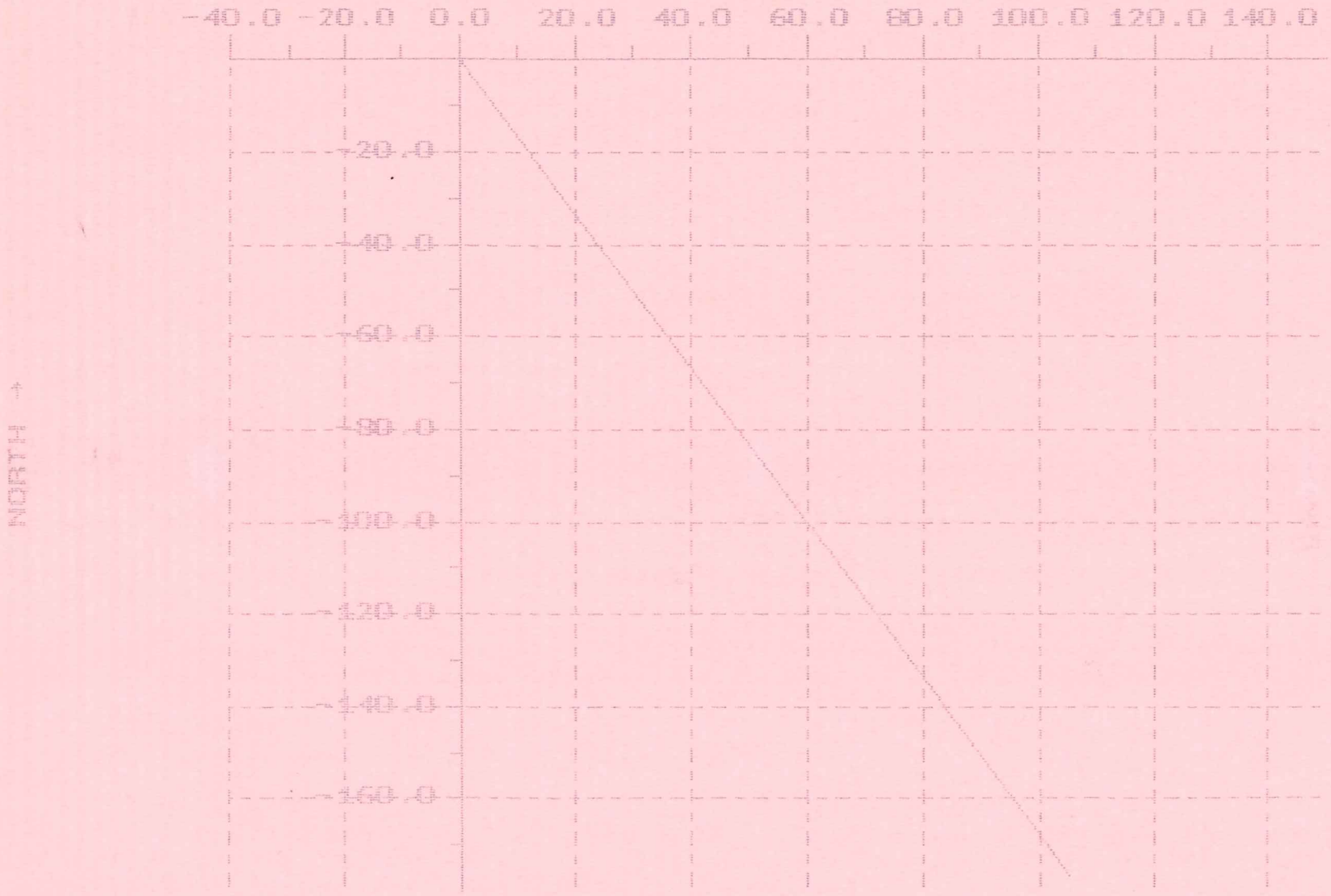
Customer: NEWMONT

Starting from 0.0 E/W 0.0 N/S

Bottom closure direction: 149.2

Time: 19:32:19

Date: 8-19-90



E/W Data Max: 105.2

E/W Data Min: 0.0

(scale in feet)

N/S Data Max: 0.0

N/S Data Min: -176.5

VERTICAL PROJECTION

Survey File: RS475

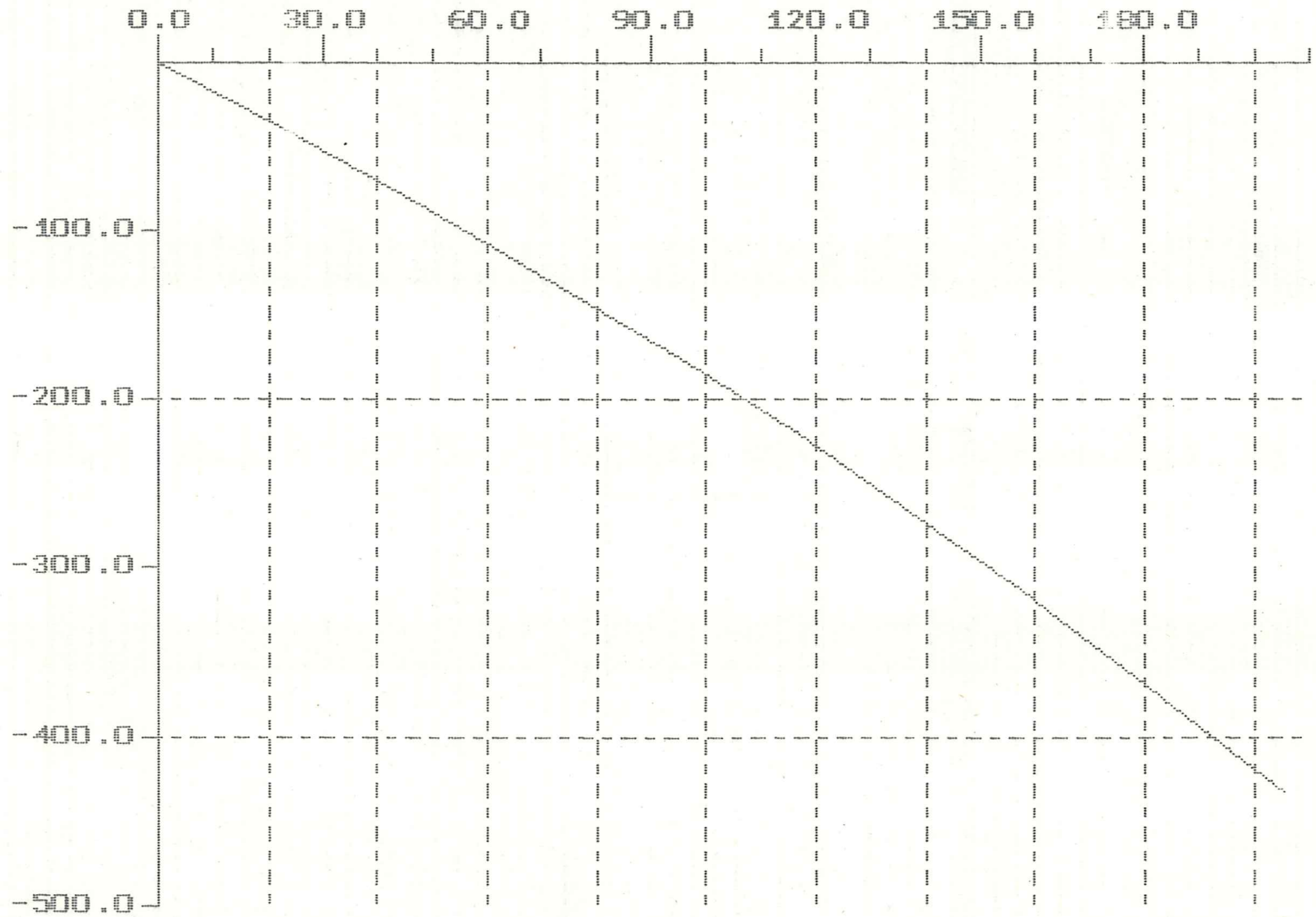
Customer: NEWMONT

Time: 19:32:19

Date: 8-19-90

Section direction: 149.2

Starting from 0.0 E/W 0.0 N/S



Horiz Data Max: 205.4

Horiz Data Min: 0.0

(scale in feet)

Vert Data Max: 0.0

Vert Data Min: -433.1

VERTICAL PROJECTION

Survey File: RS475

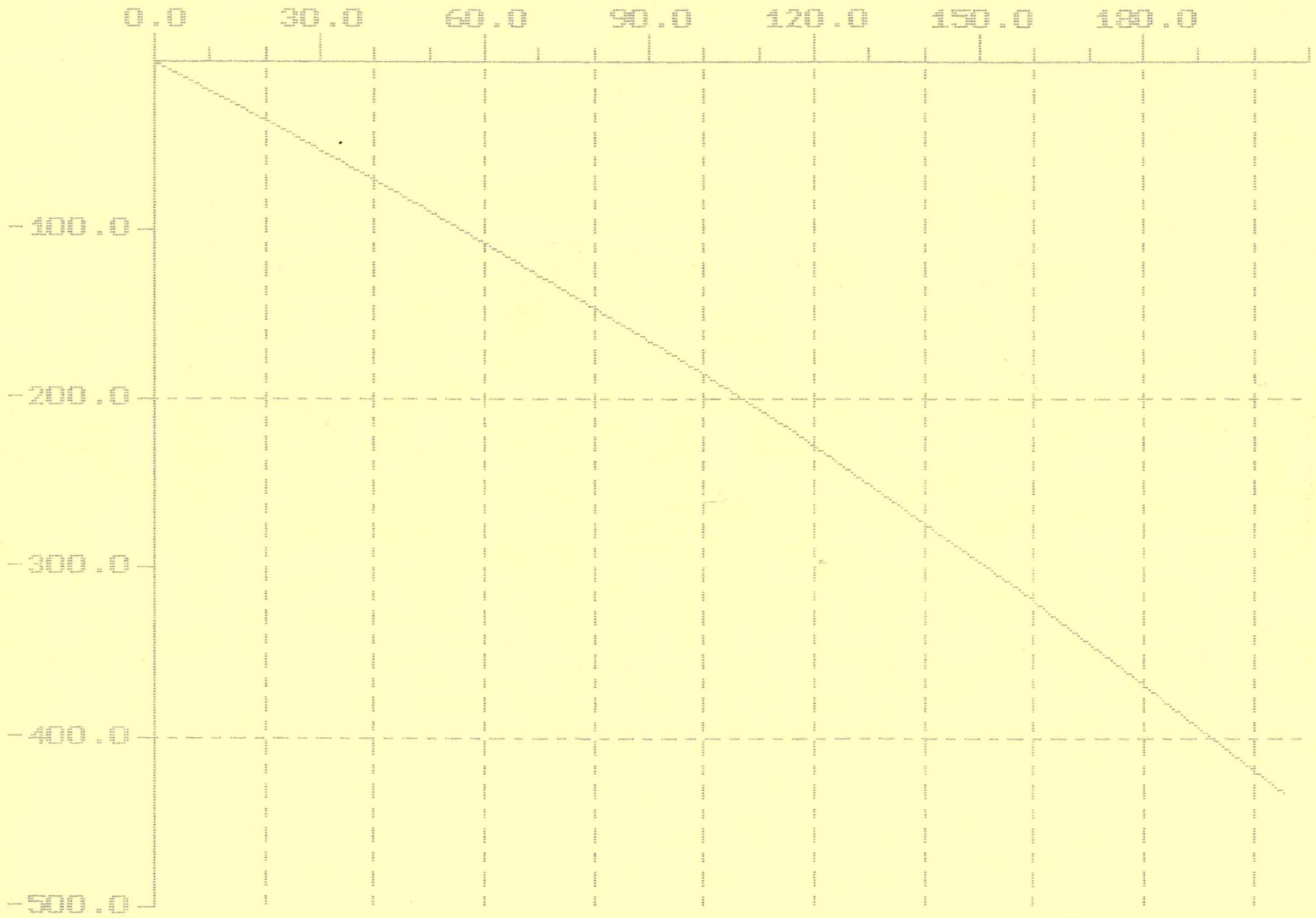
Customer: NEWMONT

Time: 19:32:19

Section direction: 149.2

Date: 8-19-90

Starting from 0.0 E/W 0.0 N/S



Horiz Data Max: 205.4

Horiz Data Min: 0.0

(scale in feet)

Vert Data Max: 0.0

Vert Data Min: -433.1

VERTICAL PROJECTION

Survey File: RS475

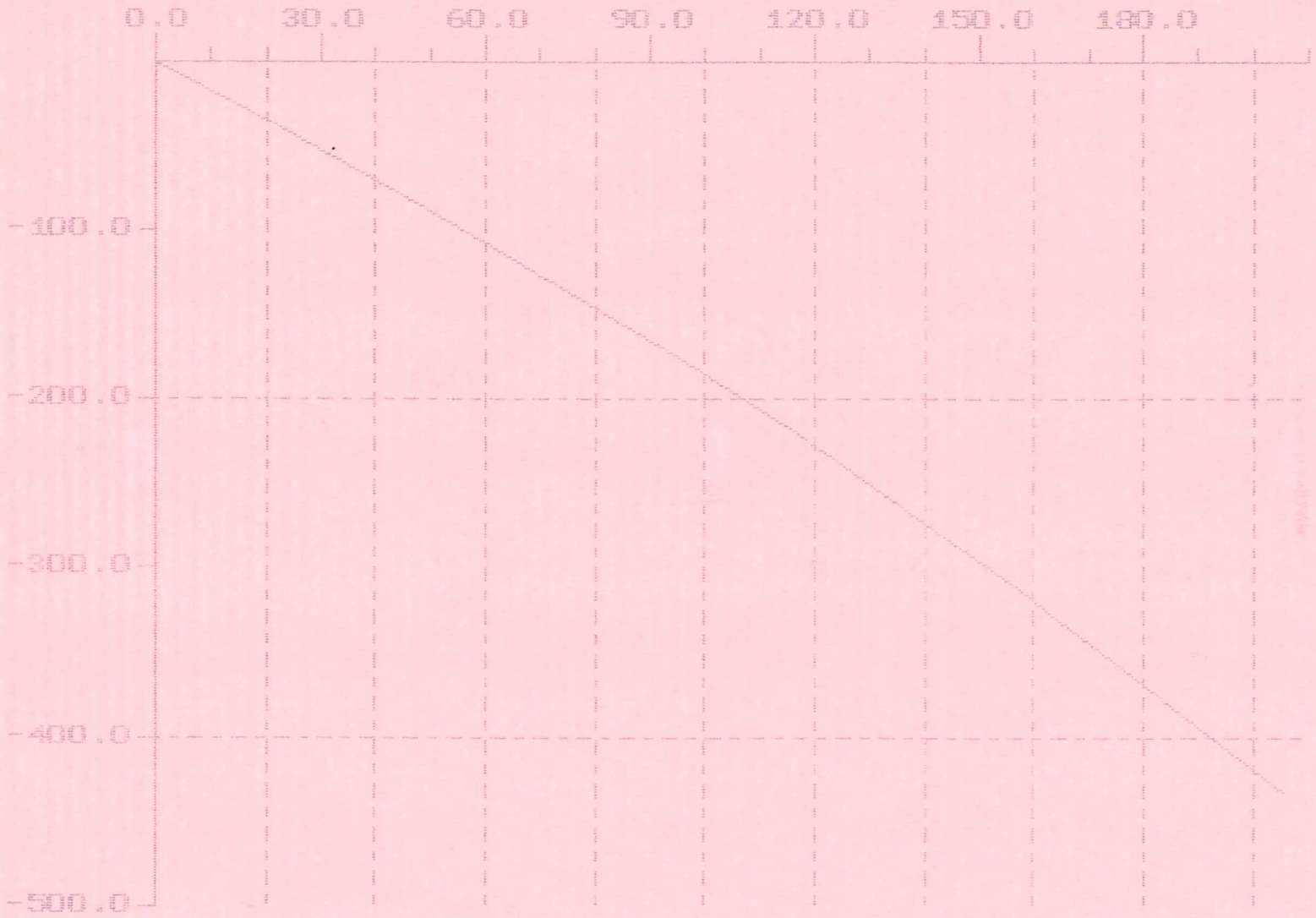
Customer: NEWMONT

Section direction: 149.2

Starting from 0.0 E/W 0.0 N/S

Time: 19:32:19

Date: 8-19-90



Horiz Data Max: 205.4

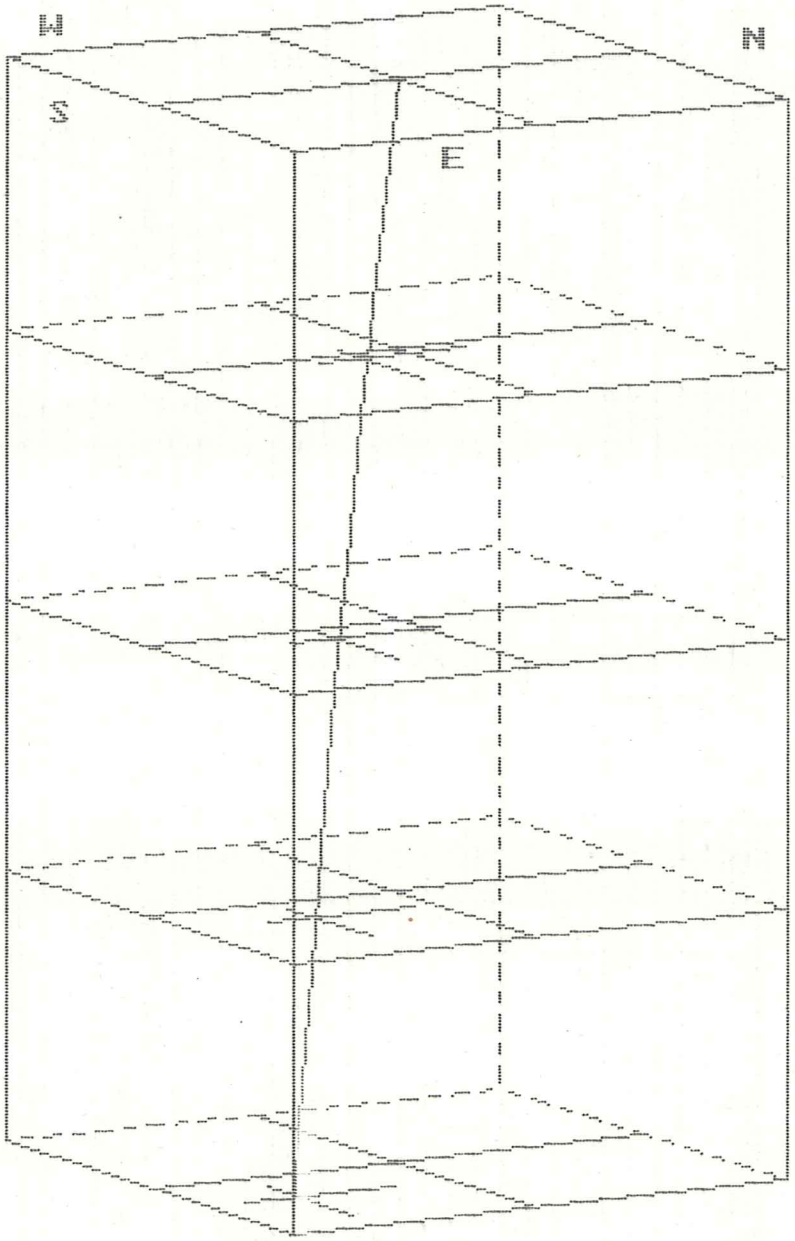
Horiz Data Min: 0.0

(scale in feet)

Vert Data Max: 0.0

Vert Data Min: -433.1

3D PROJECTION



0.00 feet

-108.27 feet (149.06)

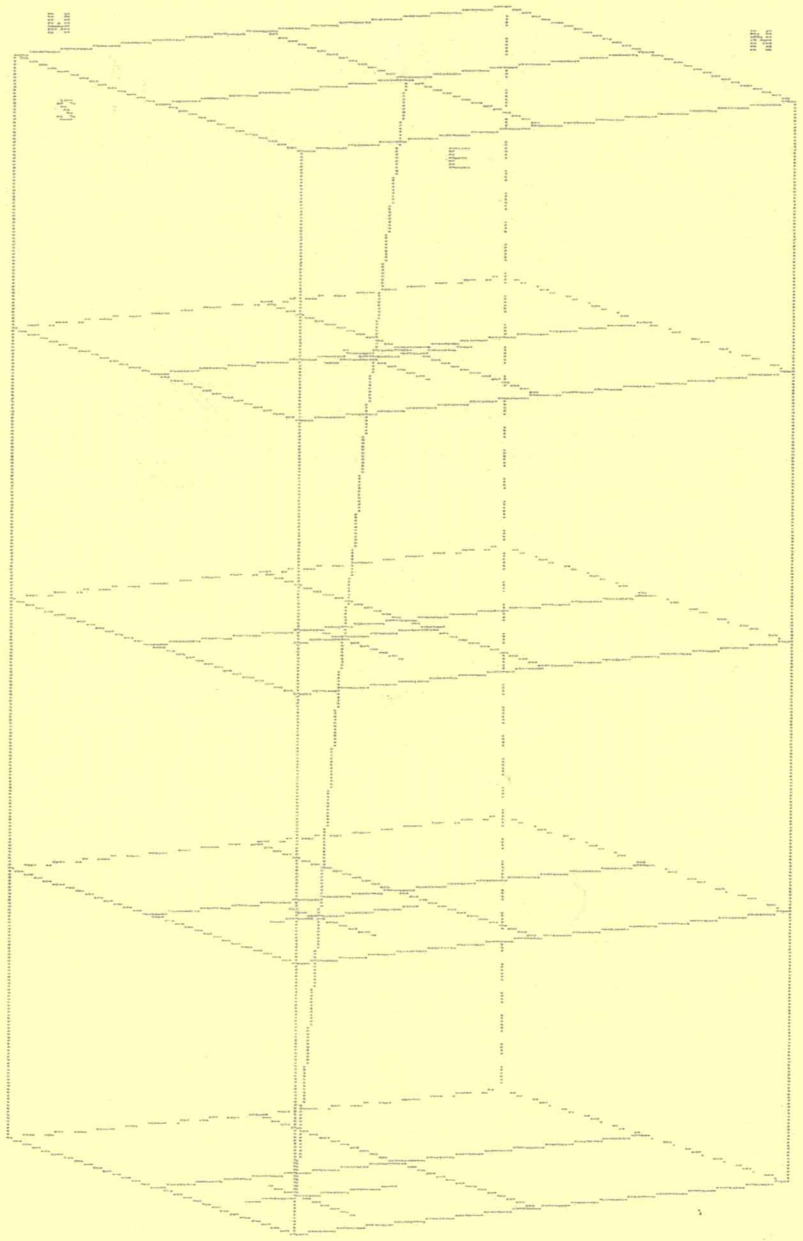
-216.55 feet (149.09)

-324.82 feet (149.10)

-433.09 feet (149.20)

Survey File: RS475
Customer: NEWMONT
Date: 8-19-90
Time: 19:32:19

3D PROJECTION



0.00 feet

-108.27 feet (149.06)

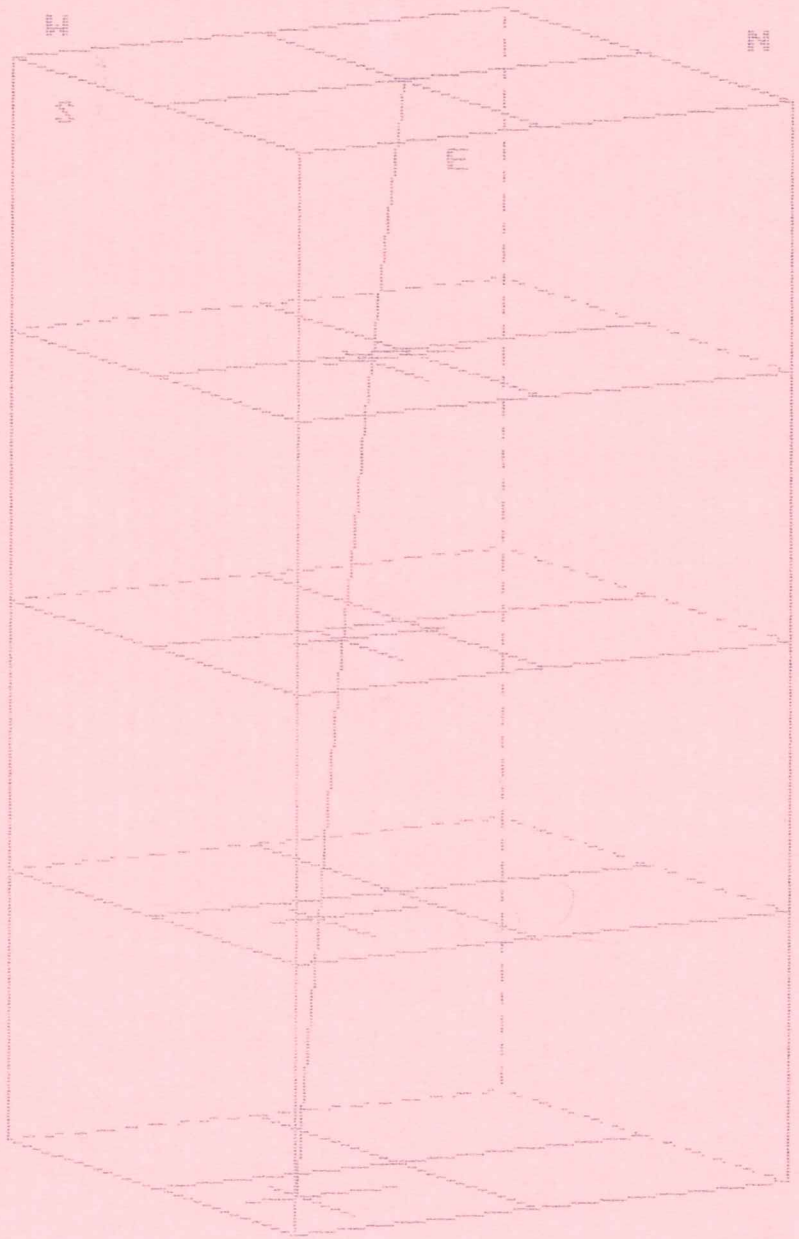
-216.55 feet (149.09)

-324.82 feet (149.10)

-433.09 feet (149.20)

Survey File: RS475
Customer: NEWMONT
Date: 8-19-90
Time: 19:32:19

3D PROJECTION



0.00 feet

-108.27 feet (149.06)

-216.55 feet (149.09)

-324.82 feet (149.10)

-433.09 feet (149.20)

Survey File: RS475
Customer: NEWMONT
Date: 8-19-90
Time: 19:32:19

Eklund Drilling Company, Inc.
P.O. Box 2748 • Elko, Nevada 89803
Ph: (775) 738-1980 • Fax: (775) 753-9229

Client Newmont

Date 8-18-99 Shift DM

Drill # 46 Water Trk. # 44

Pickup # 45 ATV #

Booster # Hours Used

Aux. Comp. # Hours Used

Hole # R5475 (Angle 59° /Vertical) (TD@)
(Use a New Log When You Start a New Hole)

Hours Equipment Repair 4 Tophead Plumbing Hung Hose Broke.

Mob./Demob. Miles Hours

Location Rosebud

Footage End Shift 25

Footage Start Shift 0

Footage Drilled

Hours Drilled

Hours Hauling Water During Shift # of loads

Hours Hauling Water After Shift # of loads

Hours Casing 2 Hours Cementing

Hours Hole Abandonment

Actual Hours Moving Between Holes 2

Hours Standby Hours Cat Work

Hours Other 1 Total Hours 9
(Circle All Items Chargeable To Client)

Hole Condition Log

From	To	Condition/Code

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: Use new Bit and Shroud to try to keep hole straight

Materials Used

DRILL BITS (new)

Size	Type	Hole #	Ser. #	Manuf.
6"	PR54	475	LB1	Premier
5 7/8	Shroud			
2	wipers			

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 #
6"	20' .188	475
50lb	Casing Seal 2	
94lb	Cement 3	

(Circle All Items Chargeable To Client)

Driller Don Schaal

Helper Carl Hanson

Helper Rich Gray

Approved By:

Eklund Drilling Company, Inc.
P.O. Box 2748 • Elko, Nevada 89803
Ph: (775) 738-1980 • Fax: (775) 753-9229

Client Newmont

Date 8-19-99 Shift Day

Drill # 46 Water Trk. # 44

Pickup # 45 ATV #

Booster # 31 Hours Used (10)

Aux. Comp. # Hours Used

Hole # RS475 (Angle 59 /Vertical) (TD@)
(Use a New Log When You Start a New Hole)

Hours Equipment Repair

Mob./Demob. Miles Hours

Location Rossbud

Footage End Shift 485

Footage Start Shift 25

Footage Drilled 460'

Hours Drilled 11

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 1 Survey Hours Cat Work

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

Hole Condition Log

From	To	Condition/Code

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: Survey @ 380'.
hole had lost 7° in Angle.

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)

Driller Don School

Helper Carl Hanson

Helper Dick Gray

Approved By:

Eklund Drilling Company, Inc.
P.O. Box 2748 • Elko, Nevada 89803
Ph: (775) 738-1980 • Fax: (775) 753-9229

Client Newmont

Date 8-20-99 Shift DM

Drill # 46 Water Trk. # 44

Pickup # 45 ATV #

Booster # 31 Hours Used 9½

Aux. Comp. # Hours Used

Hole # RS475 (Angle 59 /Vertical) (TD@)
(Use a New Log When You Start a New Hole)

Hours Equipment Repair

Mob./Demob. Miles Hours

Location Rosebud

Footage End Shift 885

Footage Start Shift 485

Footage Drilled 400

Hours Drilled 9½

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 ½ Survey Hours Cat Work

Hours Other Total Hours 10
(Circle All Items Chargeable To Client)

Hole Condition Log

From	To	Condition/Code
485	885	RS475 - 59°A
		1,4,6,9,10
		H2O @ 780'
		Apx 5-10 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: Survey @ 800'
hole is now @ 71°

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 #
Foam	1	54AL	475

ABANDONMENT MATERIALS

Description	# of Sacks	Size	Hole #

CASING

Size	Type	Hole #

(Circle All Items Chargeable To Client)

Driller Don Schwab

Helper Carl Hanson

Helper Rich Gray

Approved By:

Eklund Drilling Company, Inc.
P.O. Box 2748 • Elko, Nevada 89803
Ph: (775) 738-1980 • Fax: (775) 753-9229

Client Newmont

Date SAT 8-21-99 Shift Day

Drill # 46 Water Trk. # 44

Pickup # 45 ATV #

Booster # 31 Hours Used 1 1/2

Aux. Comp. # Hours Used

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

Hours Equipment Repair 7 1/2

Mob./Demob. Miles Hours

Location Rosebud

Footage End Shift 925

Footage Start Shift 885

Footage Drilled 40

Hours Drilled 1 1/2

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 2 1/2 Total Hours 11 1/2
(Circle All Items Chargeable To Client)

Hole Condition Log

From	To	Condition/Code
		1-1/2 0 still @
		5-10 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: 7 1/2 hrs ER - Build up System. Have to go get it.

Driller Don Schwod

Helper Carl Hanson

Helper Rich Gray

Approved By:

Eklund Drilling Company, Inc.
P.O. Box 2748 • Elko, Nevada 89803
Ph: (775) 738-1980 • Fax: (775) 753-9229

Client Newmont

Sun Date 8-22-99 Shift DAY

Drill # 46 Water Trk. # 44

Pickup # 45 ATV #

Booster # 31 Hours Used 10

Aux. Comp. # Hours Used

Hole # RS475 (Angle 59 /Vertical) (TD@)
(Use a New Log When You Start a New Hole)

Hours Equipment Repair

Mob./Demob. Miles Hours

Location Rosebud

Footage End Shift 1385

Footage Start Shift 925

Footage Drilled 460

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	1385	RS475 - A 59°
		4,6,10
		H2O Aprx 15-20

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: Casing started leaking when unloading hole in the Am. Hole has been holding Angle since 880' when build up tools were added @ 70° Angle & 145° Azmuth.

Driller Don Schoal

Helper Carl Herron

Helper Rich Gray

Approved By:

Eklund Drilling Company, Inc.

P.O. Box 2748 • Elko, Nevada 89803
Ph: (775) 738-1980 • Fax: (775) 753-9229

Client Newmont

Date 8-23-99 Shift DAY

Drill # 46 Water Trk. # 44

Pickup # 45 ATV #

Booster # 31 Hours Used 8½

Aux. Comp. # Hours Used

Hole # RS475 (Angle 59 /Vertical) (TD@ 1600)
(Use a New Log When You Start a New Hole)

Hours Equipment Repair

Mob./Demob. Miles Hours

Location Rosebud

Footage End Shift 1600

Footage Start Shift 1385

Footage Drilled 215

Hours Drilled 8½

Hours Hauling Water During Shift # of loads

Hours Hauling Water After Shift # of loads

Hours Casing Hours Cementing

Hours Hole Abandonment 1½

Actual Hours Moving Between Holes

Hours Standby Hours Cat Work

Hours Other 1 Total Hours 11
(Circle All Items Chargeable To Client)

Hole Condition Log

From	To	Condition/Code
1380	1600	RS475 – 59° A
		1, 6, 10
		H_2O @ 15-20 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: TD Hole. & Pump Abandonite down drill pipe. Go get a load of Casing.

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 #
Quick Gel	5	50lb	RS475

ABANDONMENT MATERIALS

Description	# of Sacks	Size	Hole #
Abandonite	18	50lb	RS475

CASING

Size	Type	Hole #

(Circle All Items Chargeable To Client)

Driller Don School

Helper Carl Herron

Helper Phil Gray

Approved By:

Eklund Drilling Company, Inc.
P.O. Box 2748 • Elko, Nevada 89803
Ph: (775) 738-1980 • Fax: (775) 753-9229

Client Newmont

TU Date 8-24-99 Shift Day

Drill # 46 Water Trk. # 44

Pickup # 45 ATV #

Booster # Hours Used

Aux. Comp. # Hours Used

Hole # RS475 (Angle 59 /Vertical) (TD@)
(Use a New Log When You Start a New Hole)

Hours Equipment Repair

Mob./Demob. Miles Hours

Location Rosebud

Footage End Shift

Footage Start Shift

Footage Drilled

Hours Drilled

Hours Hauling Water During Shift # of loads

Hours Hauling Water After Shift # of loads

Hours Casing 9 Hours Cementing

Hours Hole Abandonment 1

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

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 #
Abandrite	9	50 lb	RS475

CASING

Size	Type	Hole #

(Circle All Items Chargeable To Client)

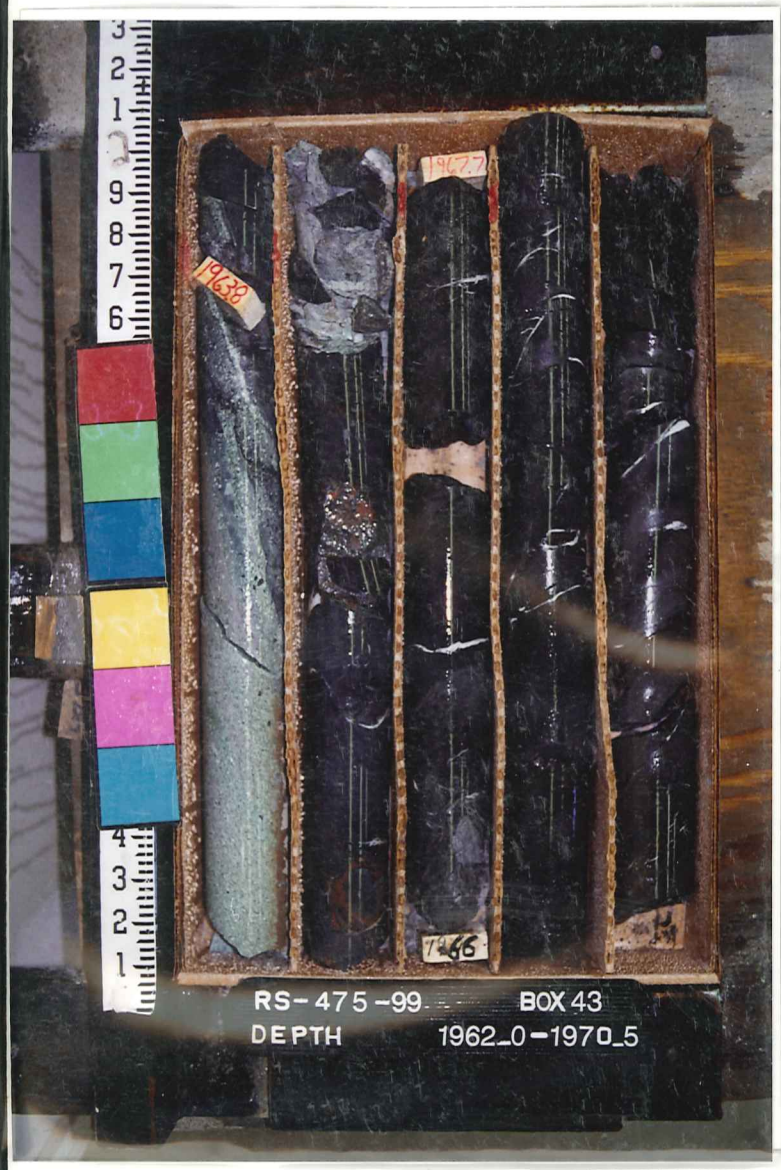
Comments: trip and case hole. pump Abandrite Casing Plugged up. Set Casing on Bottom and added 2" Pin to top.

Driller Jon Schaal

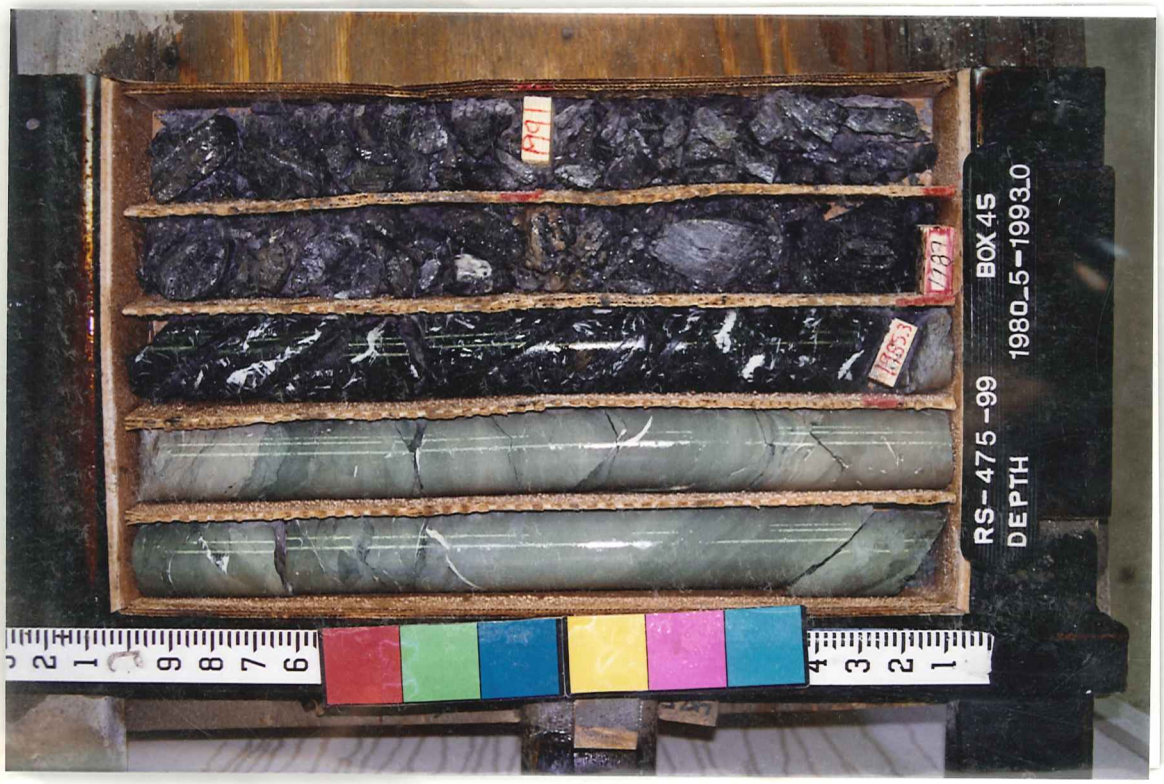
Helper Carl Hanson

Helper Rich Gray

Approved By:


RS-475-99 BOX 43
DEPTH 1962_0-1970_5

RS-475-99 BOX 44
DEPTH 1970_5-1980_5


RS-475-99 BOX 45
DEPTH 1980_5-1993_0

RS-475-99 BOX 46
DEPTH 1993_0-2001_5

RS-475-99 BOX 47
DEPTH 2001_5-2011_0

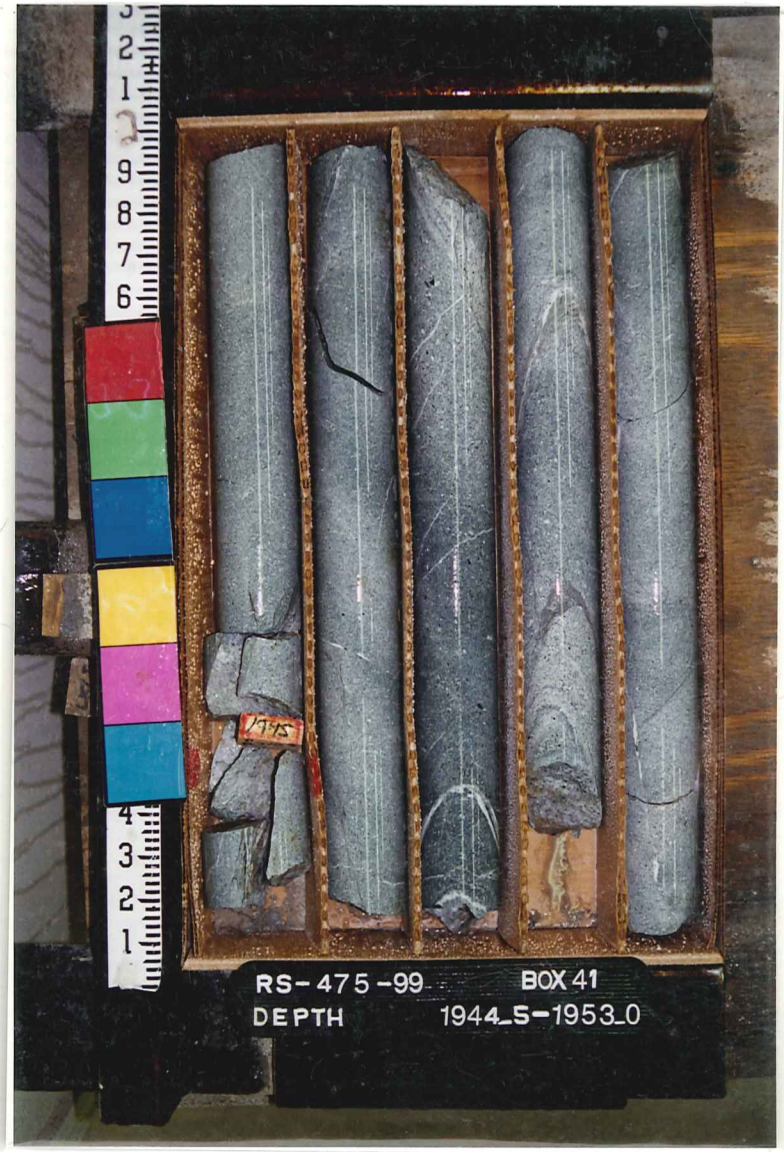
RS-475-99 BOX 48
DEPTH 2011_0-2021_0

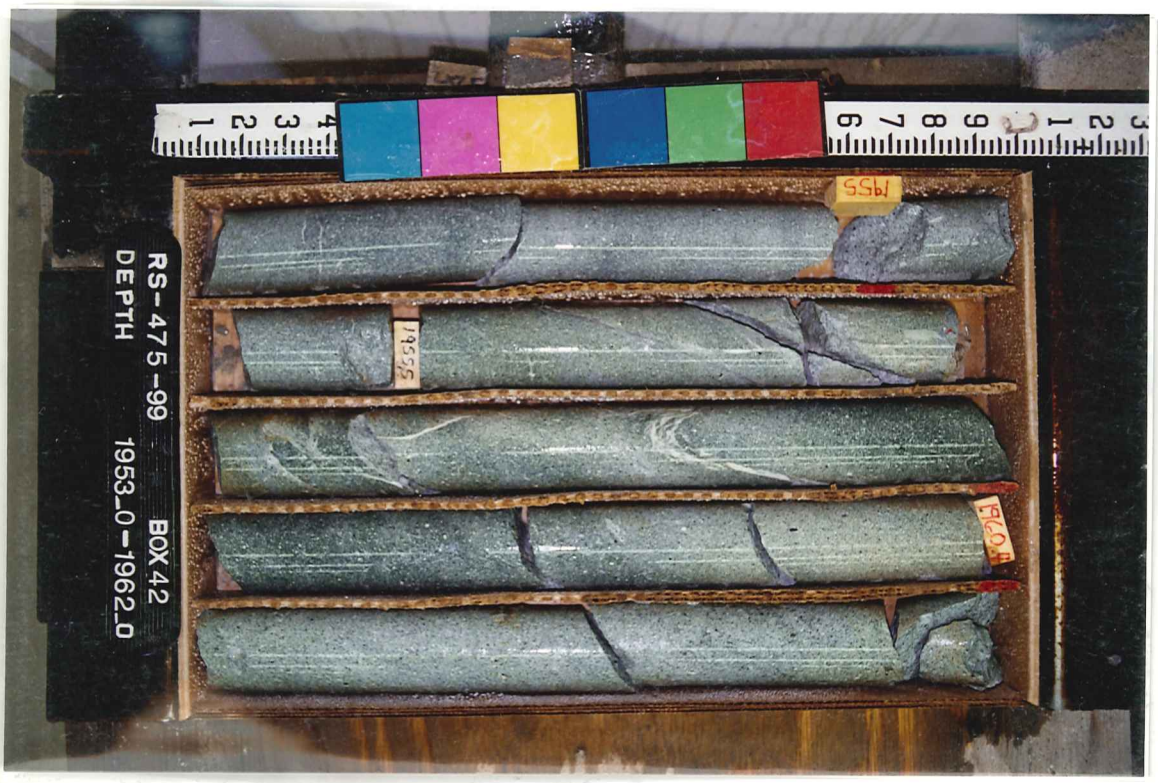
1914
RS-475-99 BOX 37
DEPTH 1910_0-1918_5

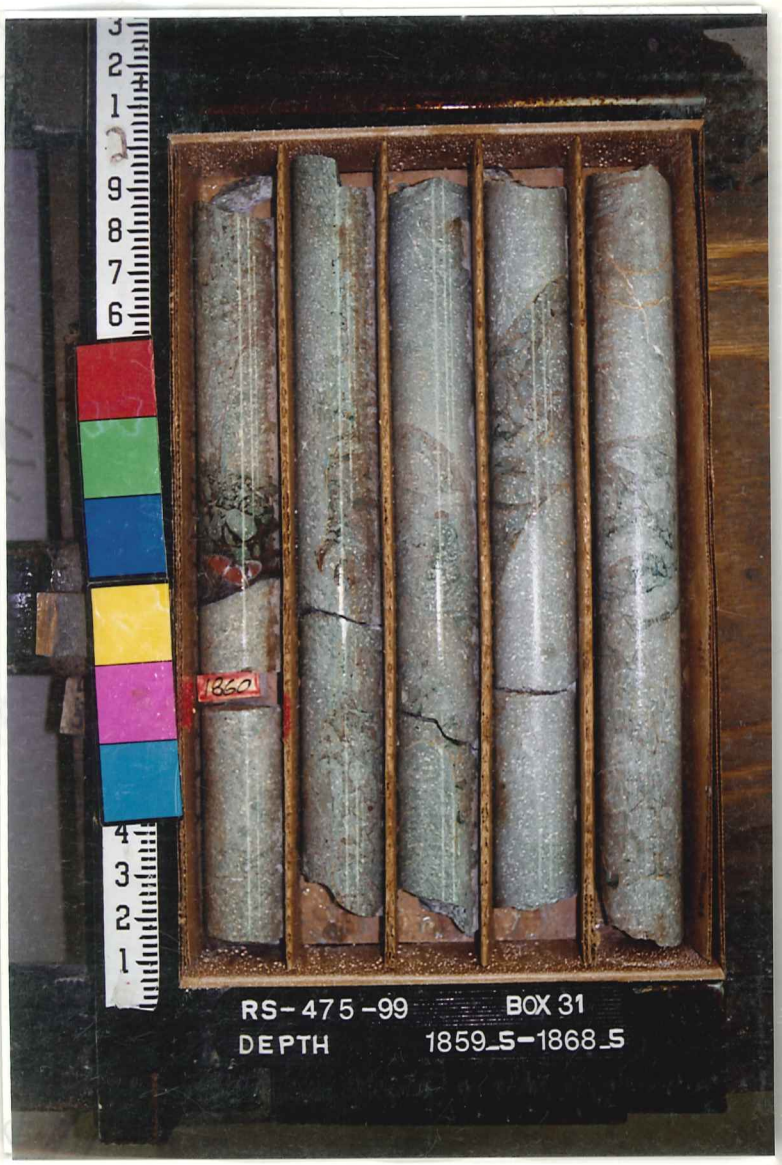
1919
1924
1934
1935
RS-475-99 BOX 38
DEPTH 1918_5-1927_0

1930
1942
RS-475-99 BOX 39
DEPTH 1927_0-1935_0

1939.5
RS-475-99 BOX 40
DEPTH 1935_0-1944_5


1945
RS-475-99 BOX 41
DEPTH 1944_5-1953_0

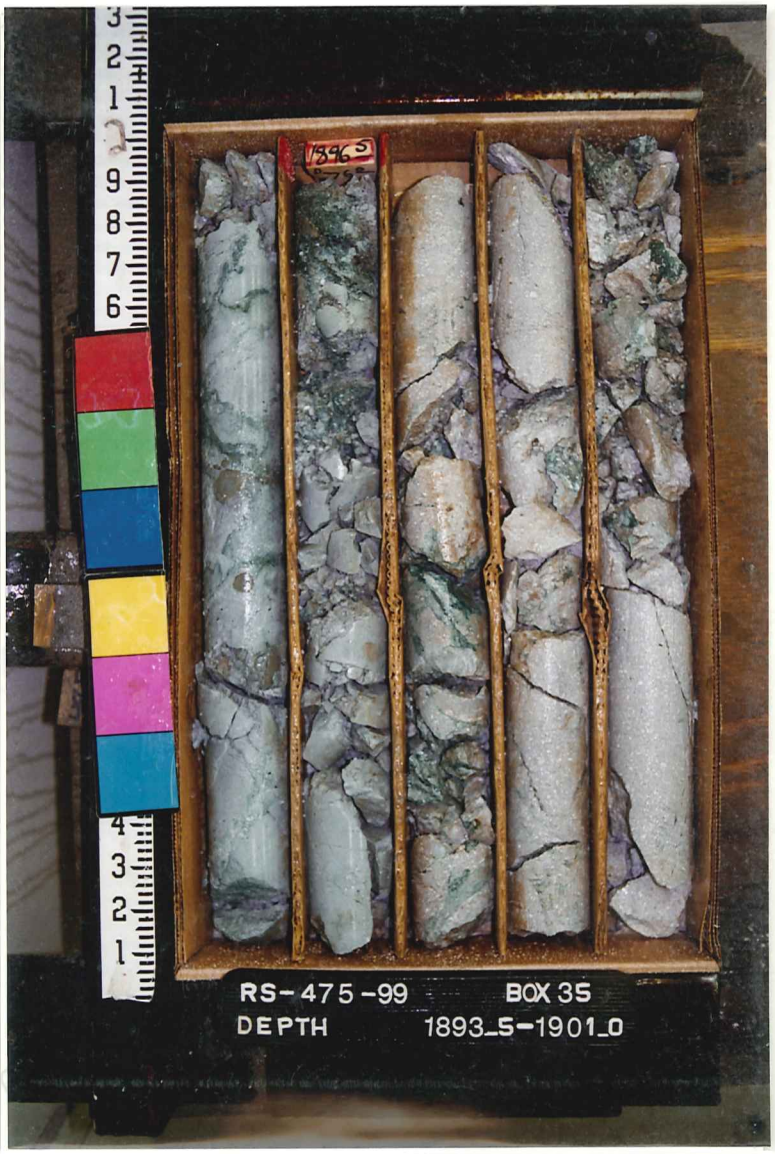

1955
1955
1960.4
RS-475-99 BOX 42
DEPTH 1953_0-1962_0


1860
RS-475-99 BOX 31
DEPTH 1859_5-1868_5

1870
RS-475-99 BOX 32
DEPTH 1868_5-1875_5

1880
RS-475-99 BOX 33
DEPTH 1875_5-1885_0

RS-475-99 BOX 34
DEPTH 1885_0-1893_5


RS-475-99 BOX 35
DEPTH 1893_5-1901_0

RS-475-99 BOX 36
DEPTH 1901_0-1910_0

RS-475-99 BOX 25
DEPTH 1806_0-1814_0

RS-475-99 BOX 26
DEPTH 1814_0-1823_0

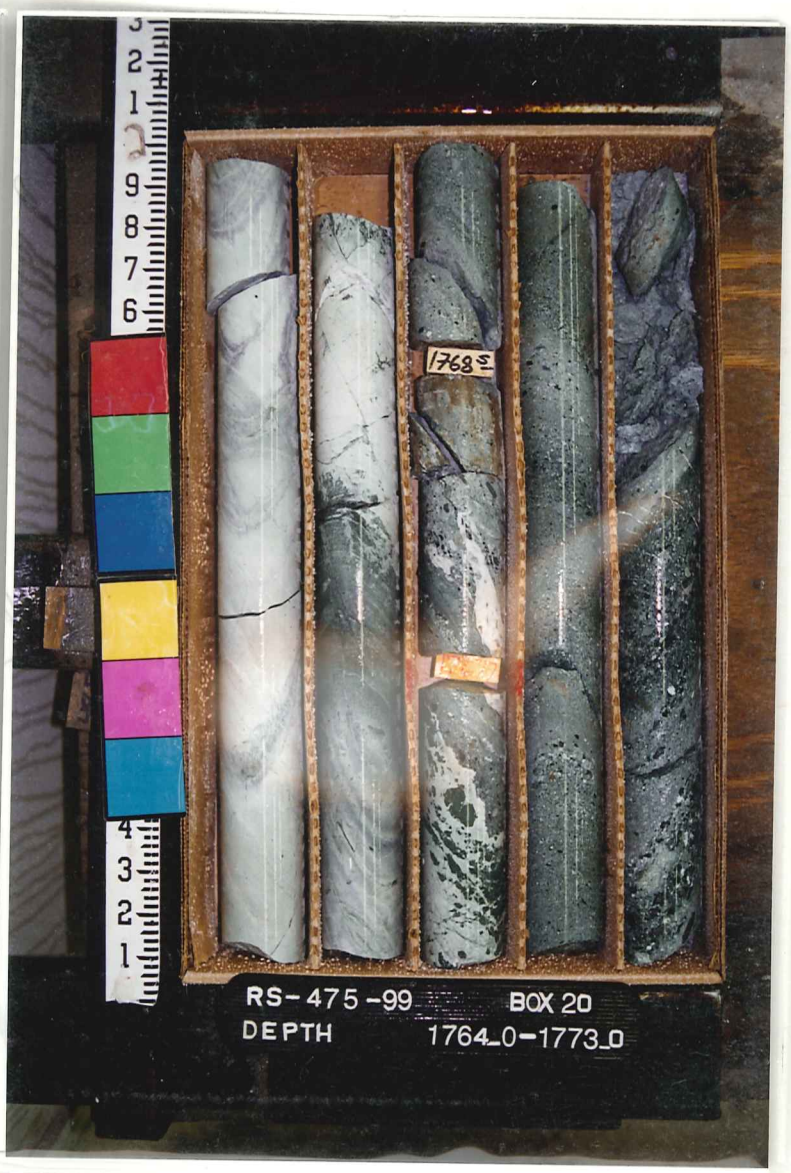
RS-475-99 BOX 27
DEPTH 1823_0-1833_0

1840
RS-475-99 BOX 28
DEPTH 1833_0-1841_0

1851
1850
RS-475-99 BOX 29
DEPTH 1841_0-1850_0

RS-475-99 BOX 30
DEPTH 1850_0-1859_5

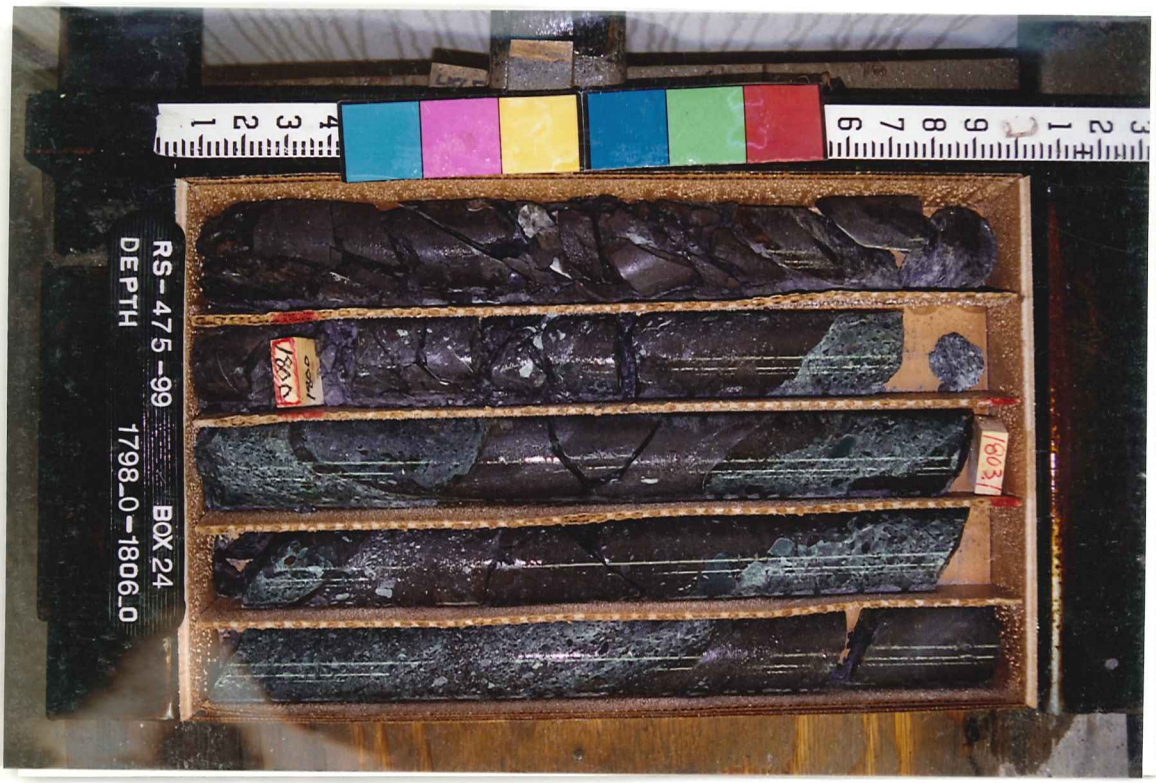
RS-475-99 BOX 19
DEPTH 1755_5-1764_0


RS-475-99 BOX 20
DEPTH 1764_0-1773_0

RS-475-99 BOX 21
DEPTH 1773_0-1781_0

1789
1784.5
RS-475-99 BOX 22
DEPTH 1781_0-1789_5

1797
1793
RS-475-99 BOX 23
DEPTH 1789_5-1798_0


1800
1803.7
RS-475-99 BOX 24
DEPTH 1798_0-1806_0

RS-475-99 BOX 13
DEPTH 1703_5-1711_5

RS-475-99 BOX 14
DEPTH 1711_5-1720_5

RS-475-99 BOX 15
DEPTH 1720_ -1729_5

1733
1737
RS-475-99 BOX 16
DEPTH 1729_5-1737_5

1742.5
RS-475-99 BOX 17
DEPTH 1737_5-1746_0

1742.5
1749.5
1753
RS-475-99 BOX 18
DEPTH 1746_0-1755_5

1654
1657
1657.8
RS-475-99 BOX 07
DEPTH 1652_0-1660_5

1662.5
1665.5
RS-475-99 BOX 08
DEPTH 1660_5-1669_0

1671.X
1672.8
RS-475-99 BOX 09
DEPTH 1669_0-1678_0

RS-475-99 BOX 10
DEPTH 1678_0-1687_0

RS-475-99 BOX 11
DEPTH 1687_0-1695_5

RS-475-99 BOX 12
DEPTH 1695_5-1703_5

1607
1600.5
1603
RS-476 -99
BOX 01
DEPTH
1600.0-1609.0

1612
1616.5
RS-476 -99
BOX 02
DEPTH
1609.0-1618.0

1625
RS-476 -99
BOX 03
DEPTH
1618.0-1627.0

1628.8
1631.3
RS-476 -99
BOX 04
DEPTH
1627_0-1635_0

1636
1639.1
1642
RS-476 -99
BOX 05
DEPTH
1635_0-1643_5

1648.5
1649.5
RS-475 -99
BOX 06
DEPTH
1643_5-1652_0

RS-475-99 BOX 49
DEPTH 2021_0-2027_5

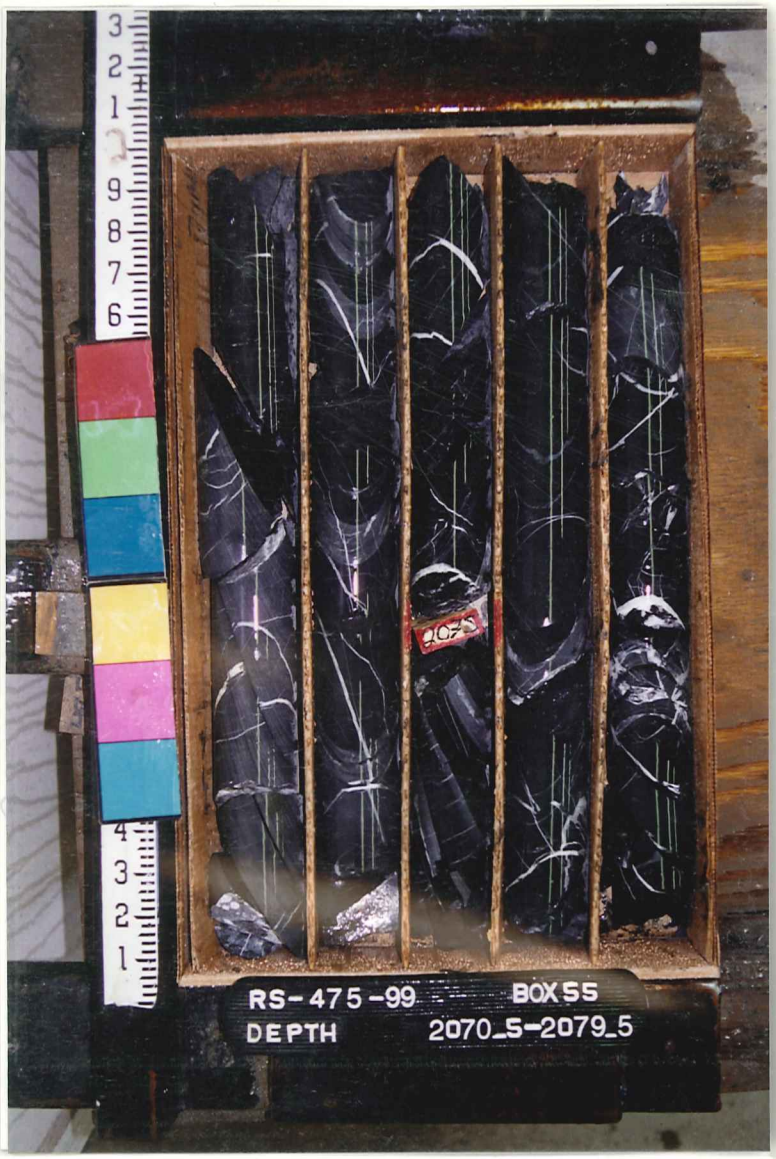
RS-475-99 BOX 50
DEPTH 2027_5-2035_5

RS-475-99 BOX 51
DEPTH 2035_5-2044_0

RS-475-99 BOX 52
DEPTH 2044_0-2053_0

RS-475-99 BOX 53
DEPTH 2053_0-2061_5

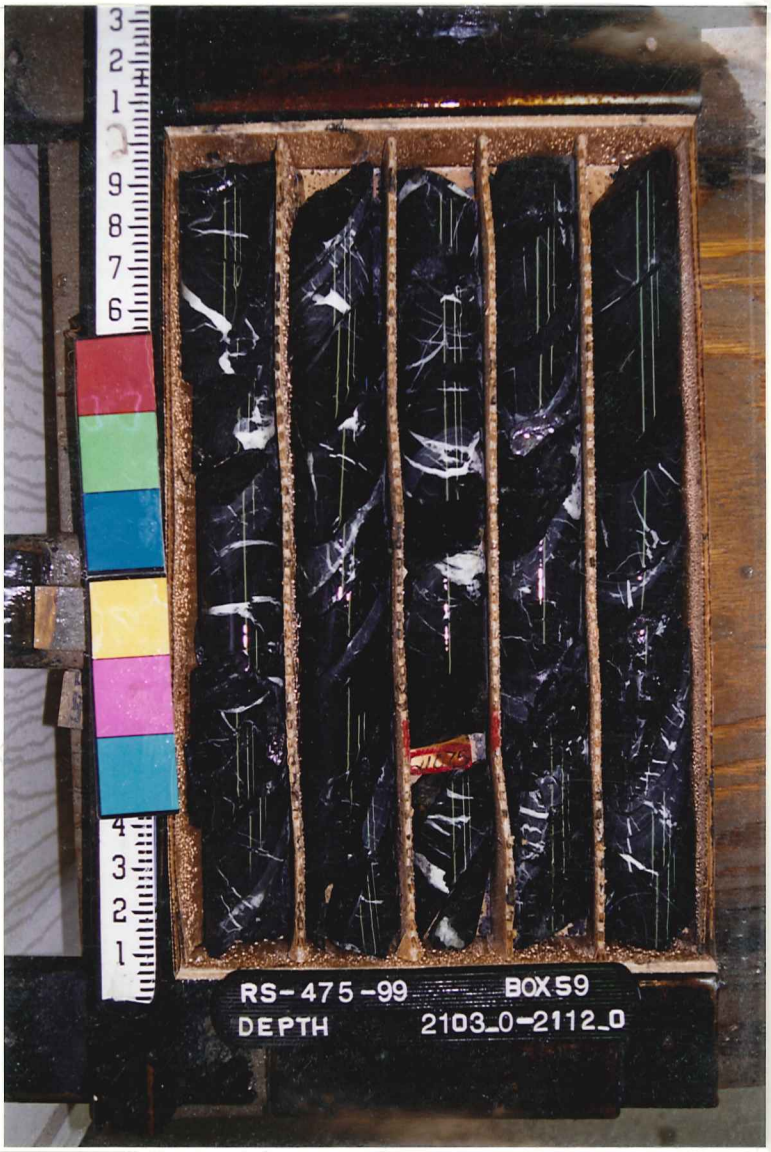
RS-475-99 BOX 54
DEPTH 2061_5-2070_5


RS-475-99 BOX 55
DEPTH 2070_5-2079_5

RS-475-99 BOX 56
DEPTH 2079_5-2087_0

RS-475-99 BOX 57
DEPTH 2087_0-2094_0

RS-475-99 BOX 58
DEPTH 2094_0-2103_0


RS-475-99 BOX 59
DEPTH 2103_0-2112_0

RS-475-99 BOX 60
DEPTH 2112_0-2121_0

2124
2126
RS-475-99 BOX 61
DEPTH 2121_0-2129_0

2129
2137
RS-475-99 BOX 62
DEPTH 2129_0-2137_0

2145.5
2140
RS-475-99 BOX 63
DEPTH 2137_0-2145_5

2150
RS-475-99
BOX 64
DEPTH
2145_5-2154_0

2158.6
2160
RS-475-99
BOX 65
DEPTH
2154_0-2163_0

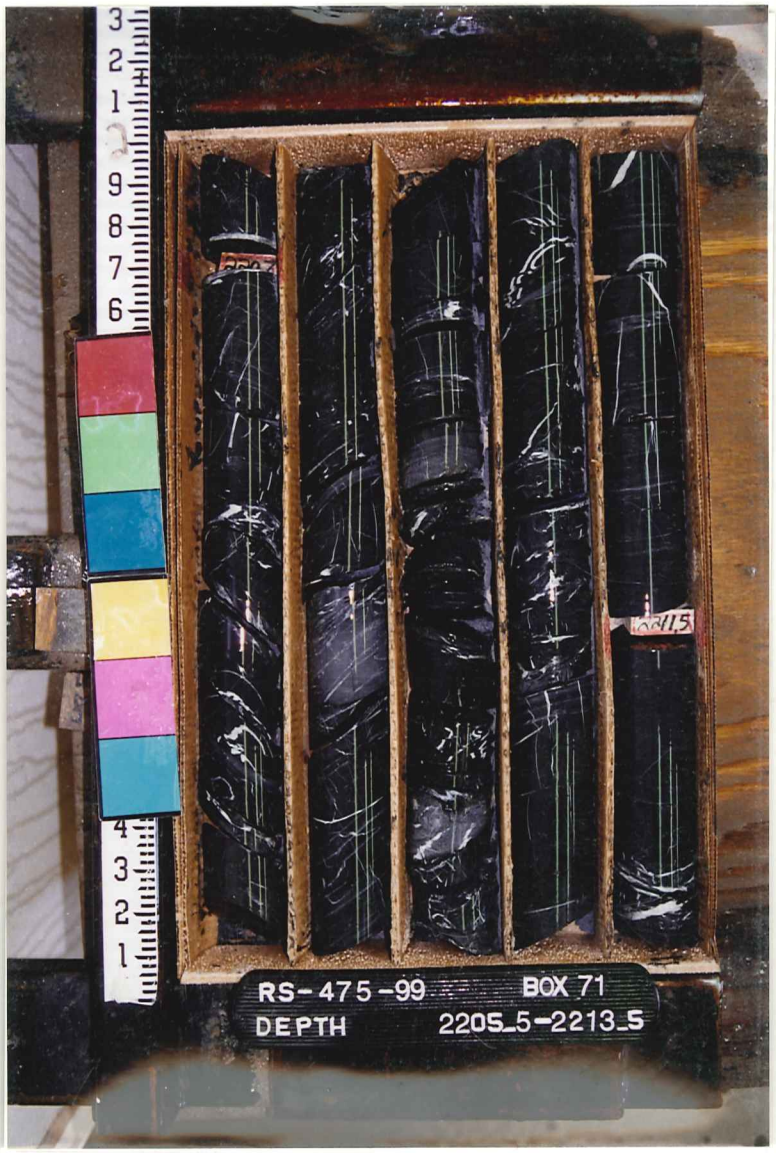
2165
RS-475-99
BOX 66
DEPTH
2163_0-2170_5

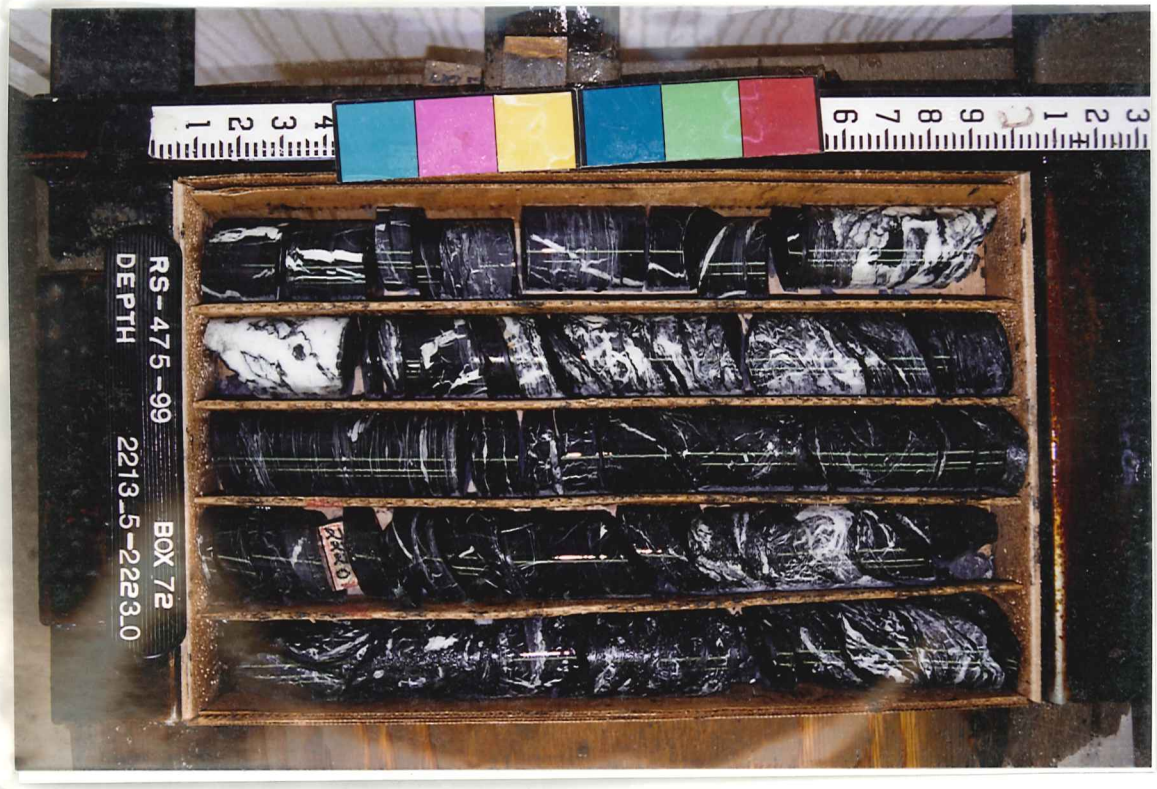
2175.5
RS-475-99 BOX 67
DEPTH 2170_5-2179_5

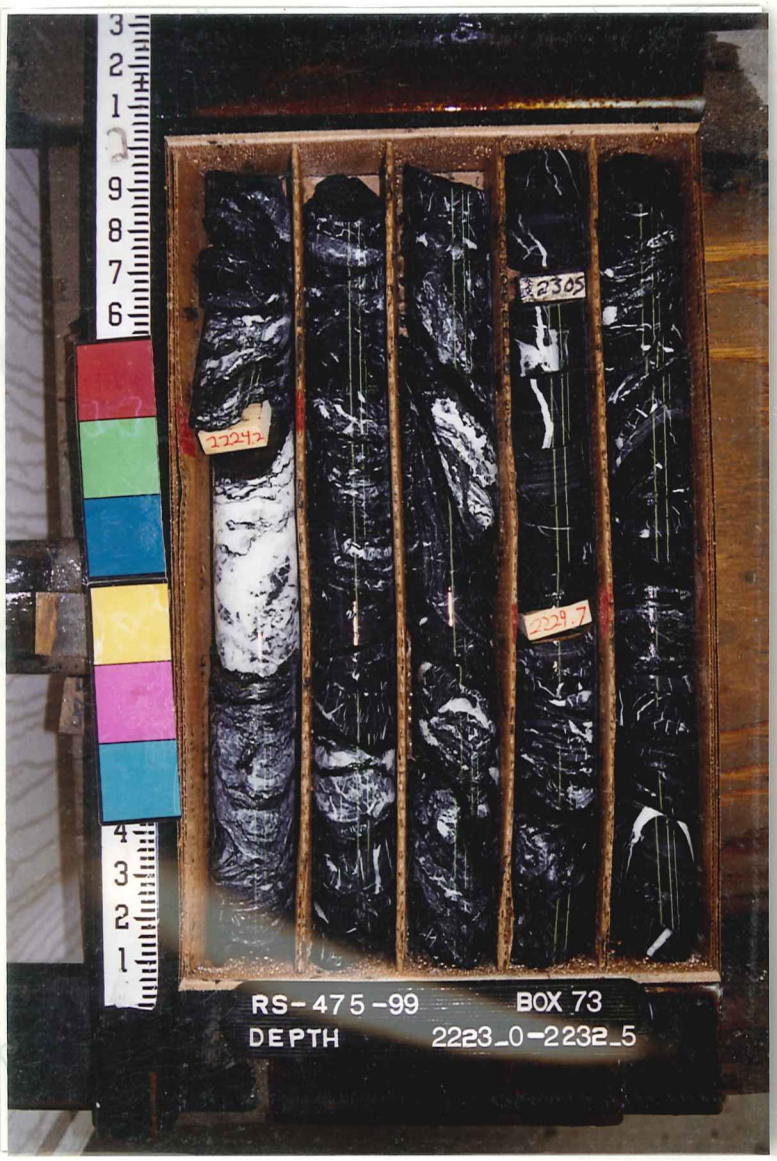
2180
2185
RS-475-99 BOX 68
DEPTH 2179_5-2188_0

2194.8
2193.5
2190
2188.5
RS-475-99 BOX 69
DEPTH 2188_0-2197_0

RS-475-99
BOX 70
DEPTH
2197_0-2205_5


RS-475-99
BOX 71
DEPTH
2205_5-2213_5


RS-475-99
BOX 72
DEPTH
2213_5-2223_0


RS-475-99 BOX 73
DEPTH 2223_0-2232_5

RS-475-99 BOX 74
DEPTH 2232_5-2241_0

RS-475-99 BOX 75
DEPTH 2241_0-2249_5

RS-475-99 BOX 76
DEPTH 2249_5-2257_5

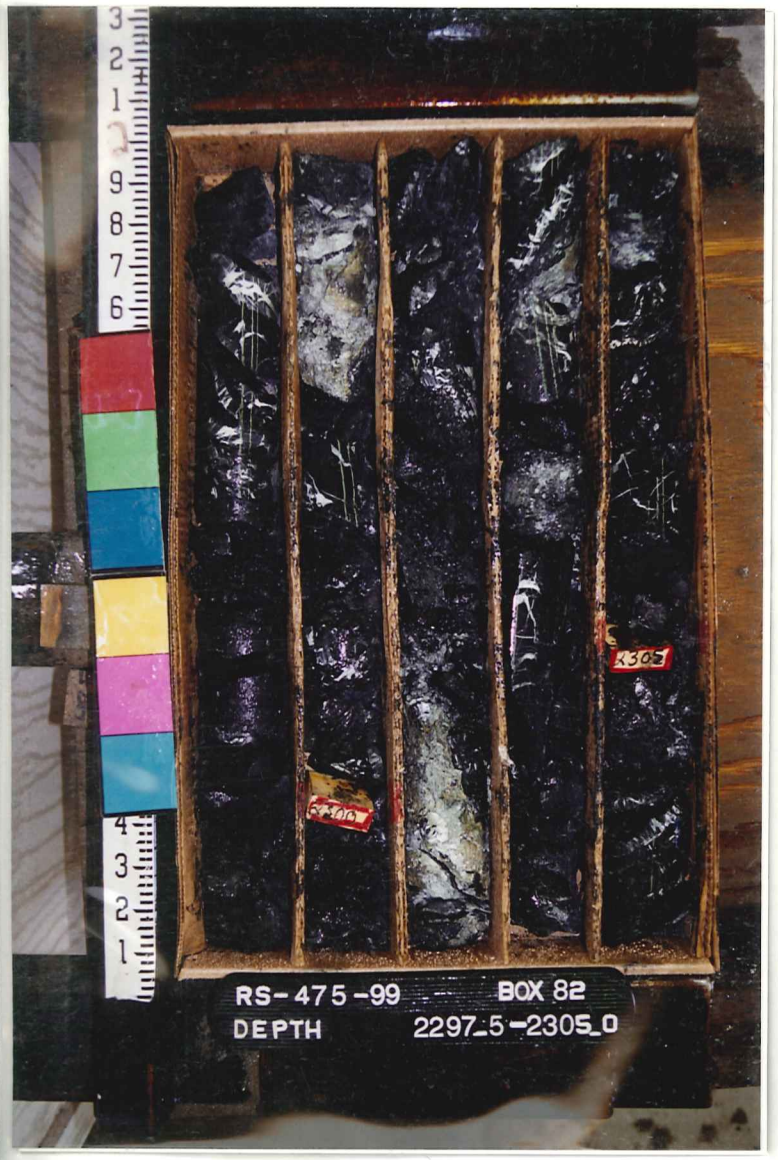
RS-475-99 BOX 77
DEPTH 2257_5-2266_0

RS-475-99 BOX 78
DEPTH 2266_0-2275_0

2280
RS-475-99 BOX 79
DEPTH 2275_0-2283_5

2290
RS-475-99 BOX 80
DEPTH 2283_5-2291_0

2297
2295
2292
RS-475-99 BOX 81
DEPTH 2291_0-2297_5

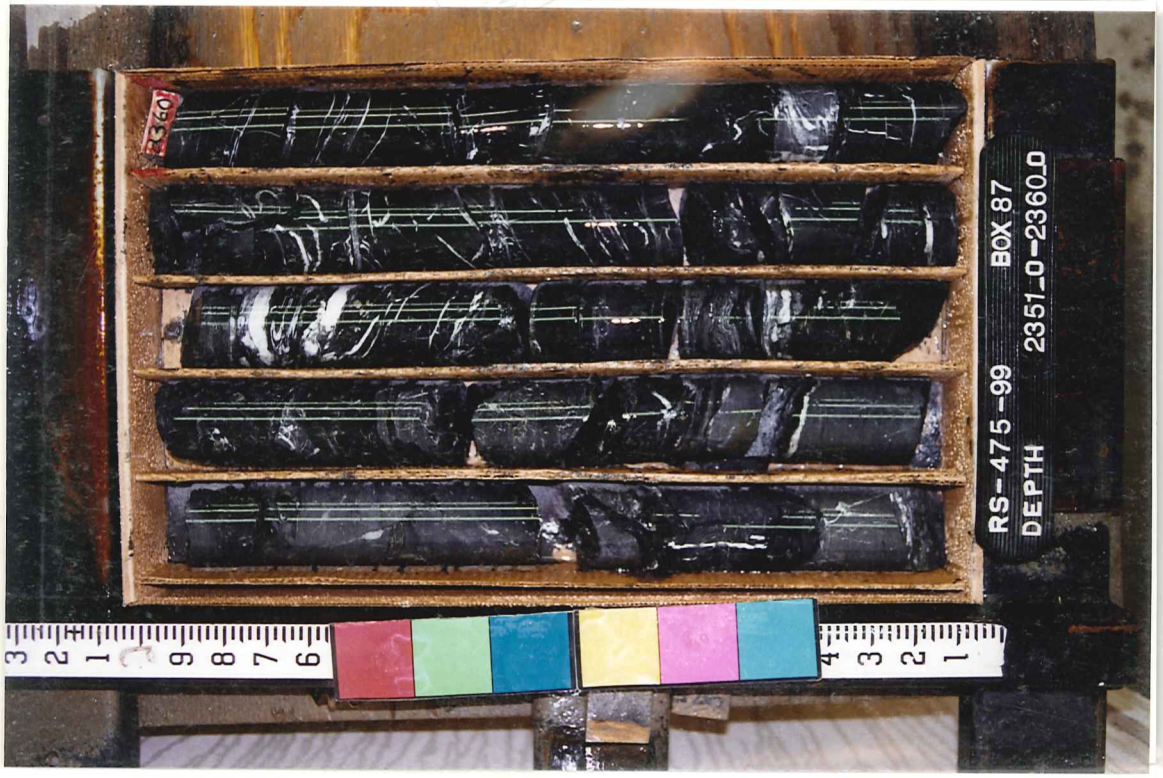

RS-475-99 BOX 82
DEPTH 2297_5-2305_0

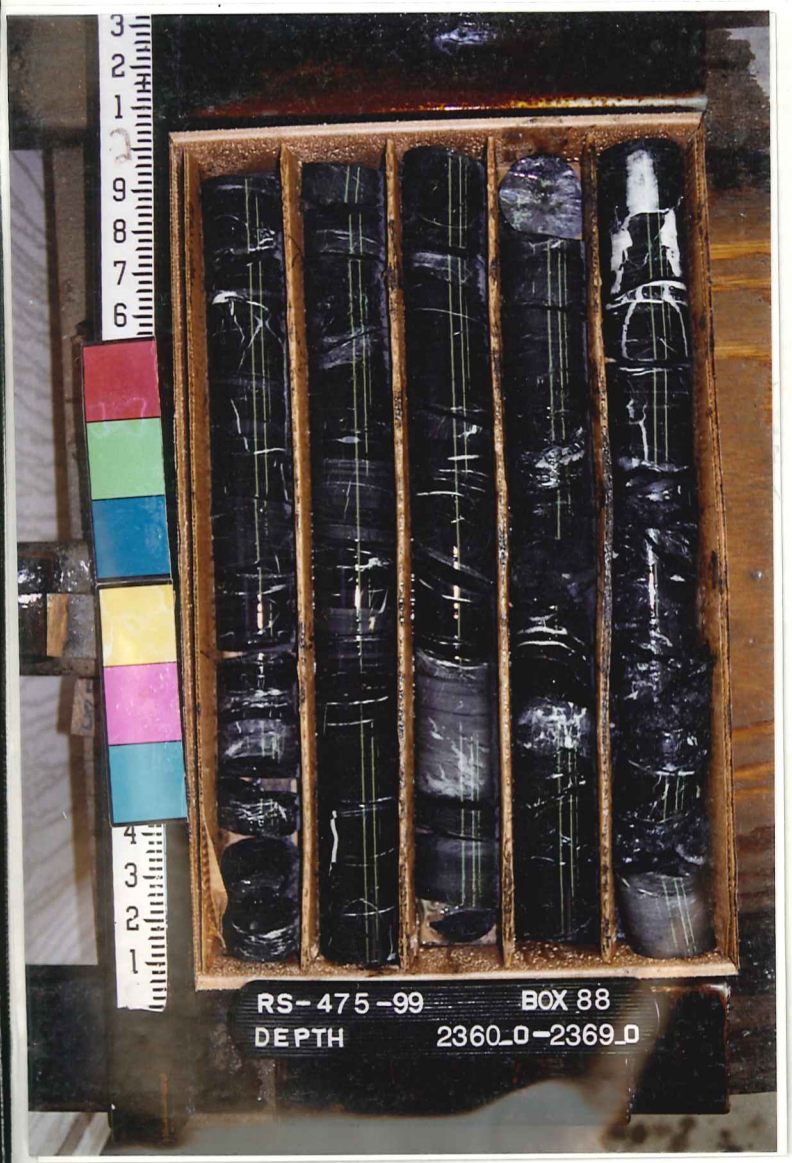
CORE LOSS
2310
RS-475-99 BOX 83
DEPTH 2305_0-2329_0

RS-475-99 BOX 84
DEPTH 2329_0-2333_0

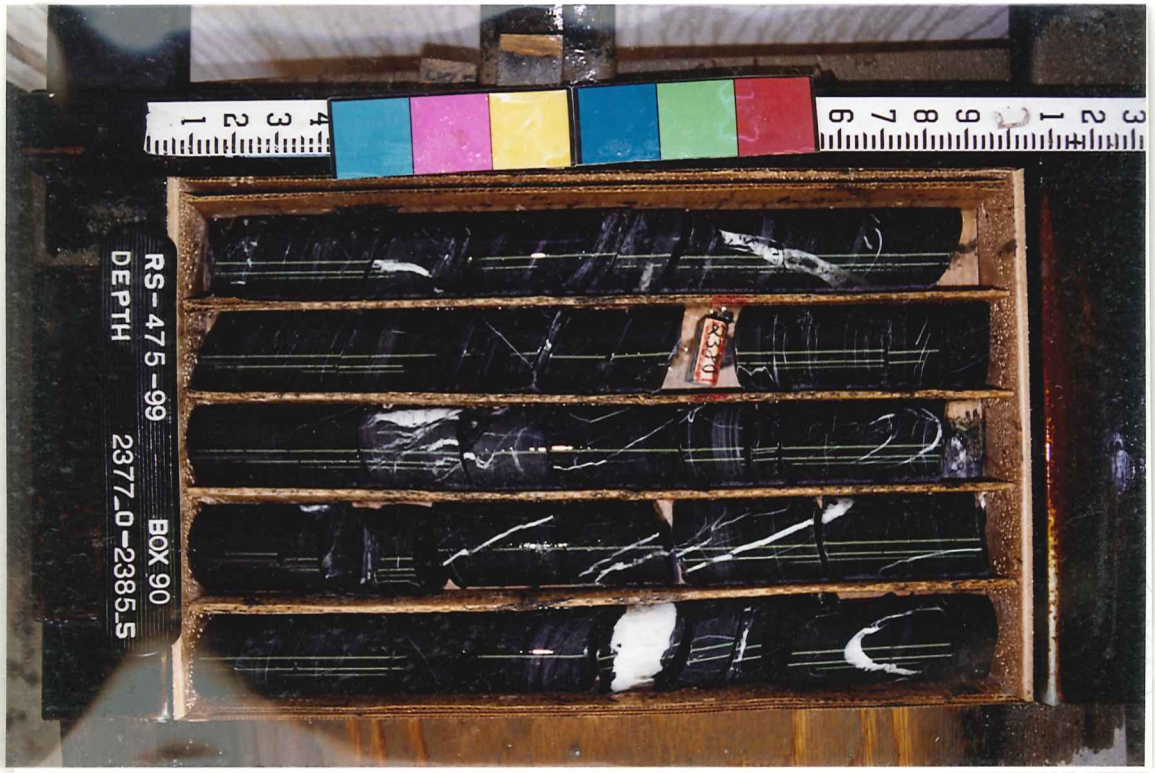
2340
RS-475-99 BOX 85
DEPTH 2333_0-2342_0

RS-475-99 BOX 86
DEPTH 2342_0-2351_0


2360
RS-475-99 BOX 87
DEPTH 2351_0-2360_0


RS-475-99
BOX 88
DEPTH
2360_0-2369_0

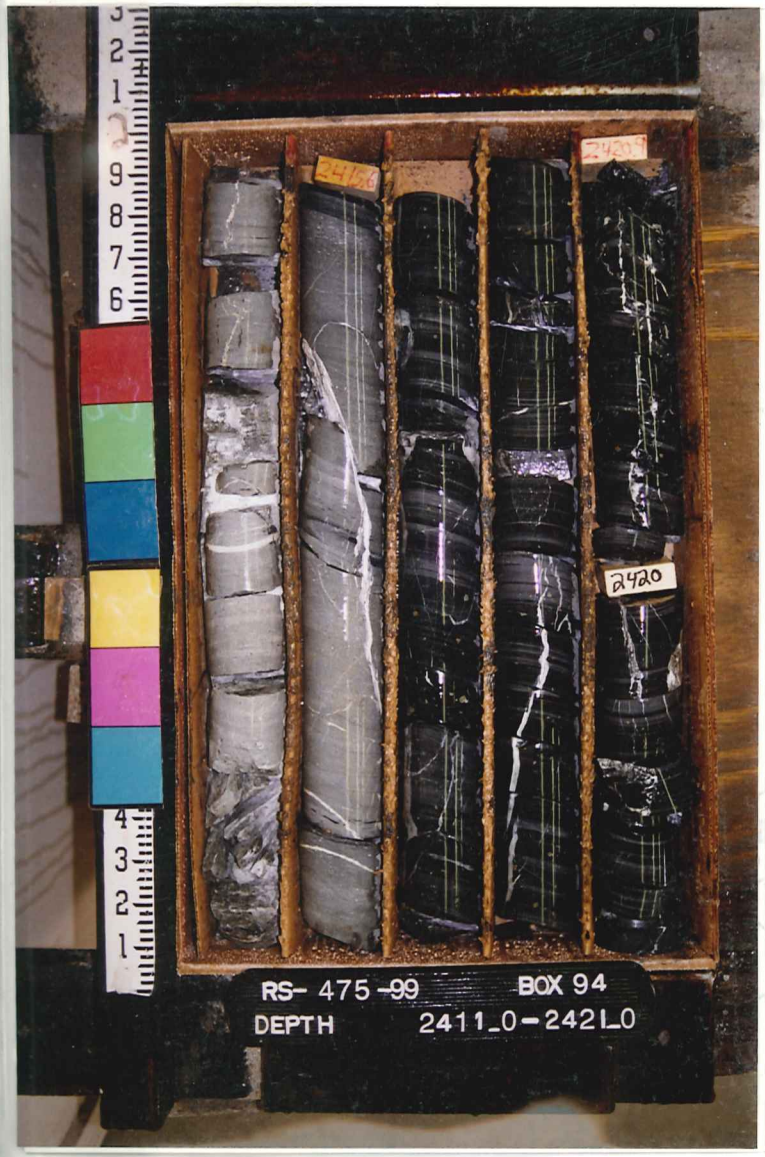
RS-475-99
BOX 89
DEPTH
2369_0-2377_0


RS-475-99
BOX 90
DEPTH
2377_0-2385_5

RS-475-99 BOX 91
DEPTH 2385_5-2393_5

RS- 475-99 BOX 92
DEPTH 2393_5-2403_0

RS- 475-99 BOX 93
DEPTH 2403_0-2411_0


RS- 475 -99
BOX 94
DEPTH
2411_0-2421_0

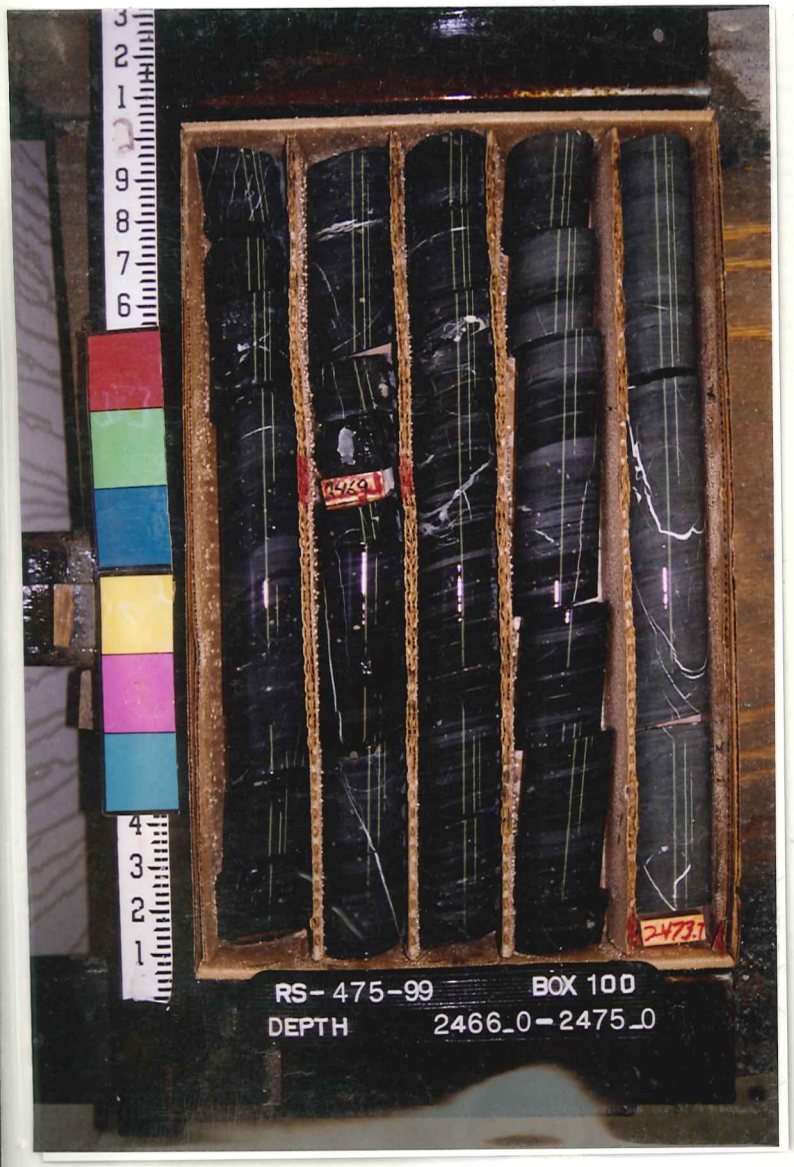
RS- 475 -99
BOX 95
DEPTH
2421_0-2430_5

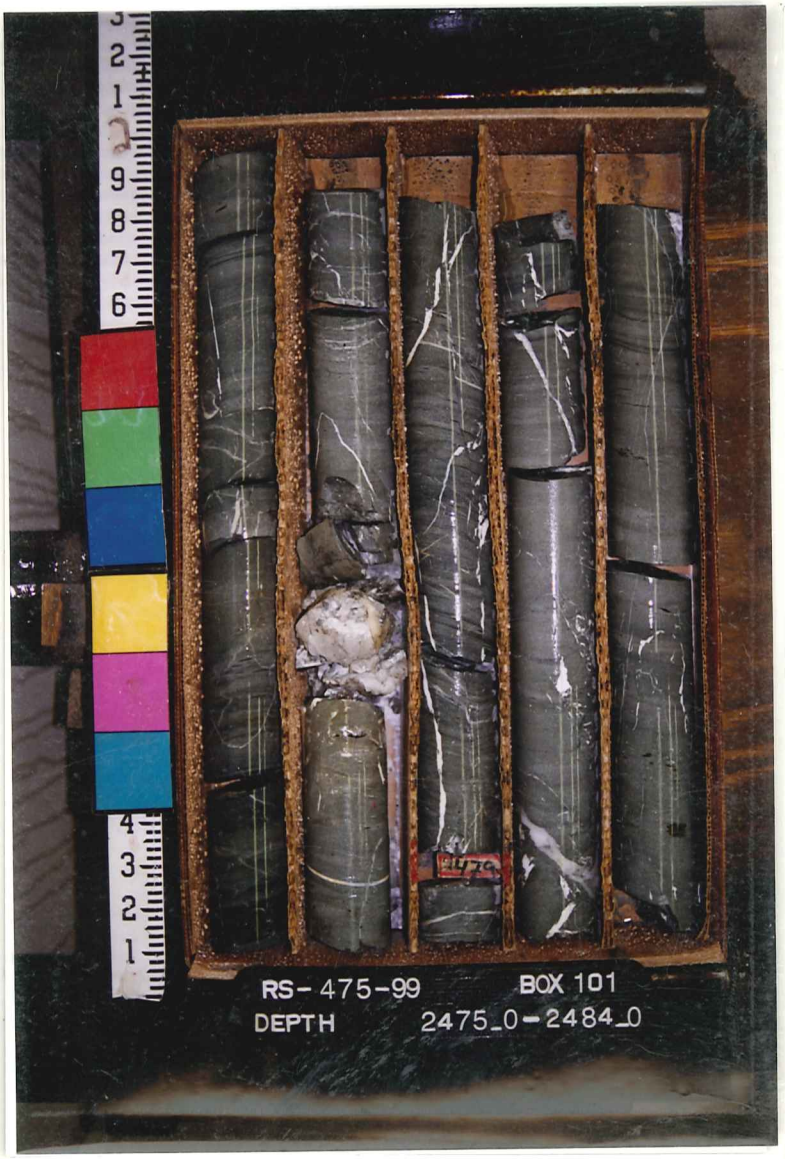
RS- 475-99
BOX 96
DEPTH
2430_5-2439_5

2448
2441
RS- 475-99 BOX 97
DEPTH 2439_5-2448_0

2457
2451
RS- 475-99 BOX 98
DEPTH 2448_0-2457_0

RS- 475-99 BOX 99
DEPTH 2457_0-2466_0


RS- 475-99
BOX 100
DEPTH
2466_0-2475_0


RS- 475-99
BOX 101
DEPTH
2475_0-2484_0

RS- 475-99
BOX 102
DEPTH
2484_0-2492_0

RS-475-99 BOX 103
DEPTH 2492_0-2500_5

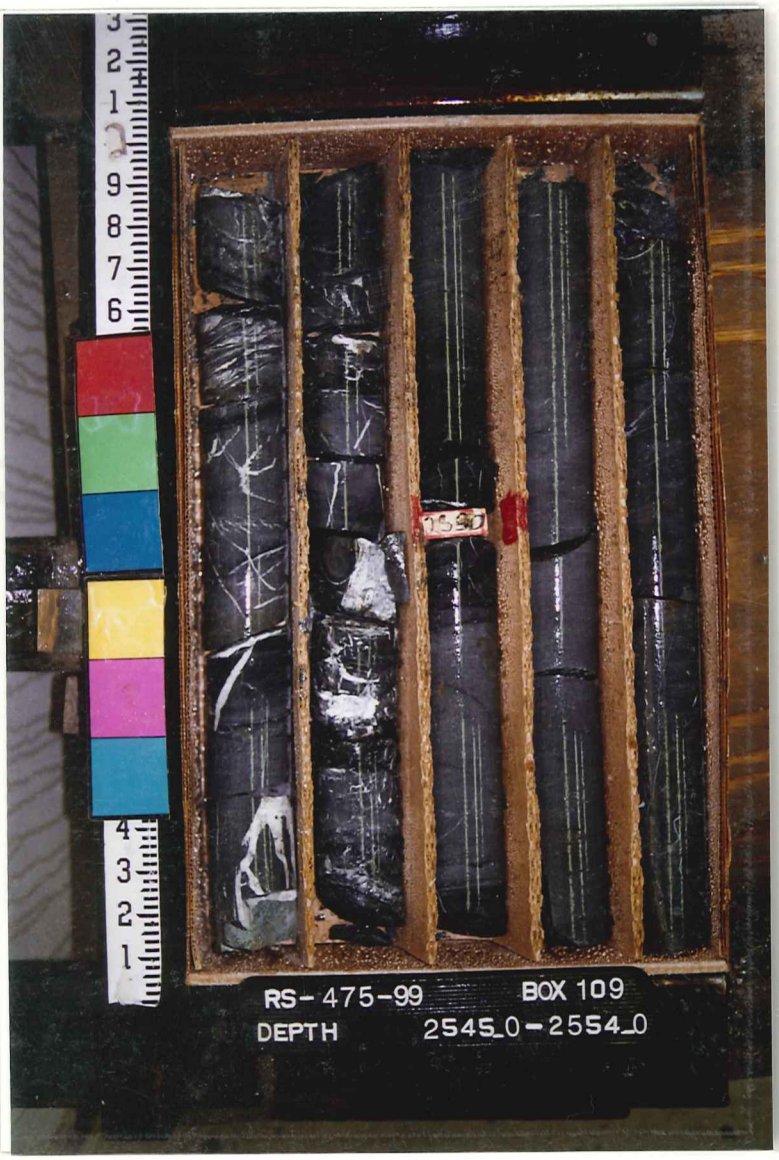
RS-475-99 BOX 104
DEPTH 2500_5-2511_0

RS-475-99 BOX 105
DEPTH 2511_0-2518_5

RS-475-99 BOX 106
DEPTH 2518_5-2527_0

RS-475-99 BOX 107
DEPTH 2527_0-2536_0

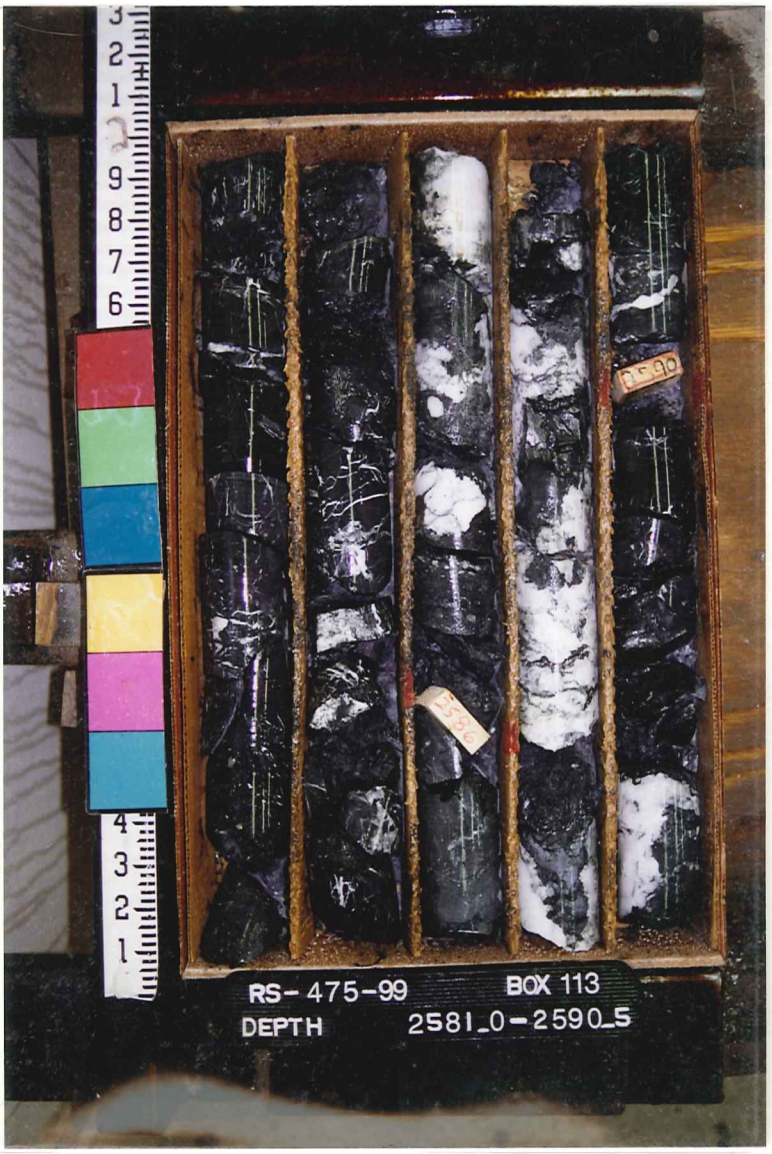
RS-475-99 BOX 108
DEPTH 2536_0-2545_0


RS-475-99 BOX 109
DEPTH 2545_0-2554_0

2556
2561.2
2560
RS-475-99 BOX 110
DEPTH 2554_0-2563_0

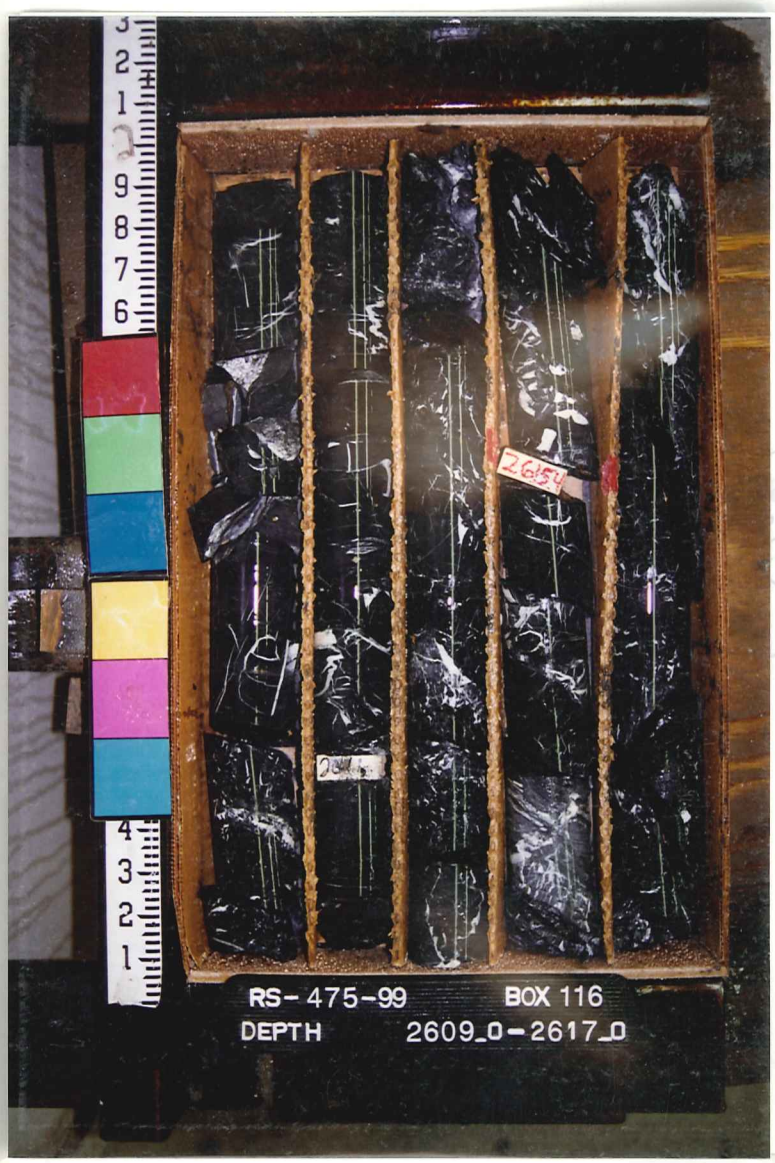
RS-475-99 BOX 111
DEPTH 2563_0-2572_5

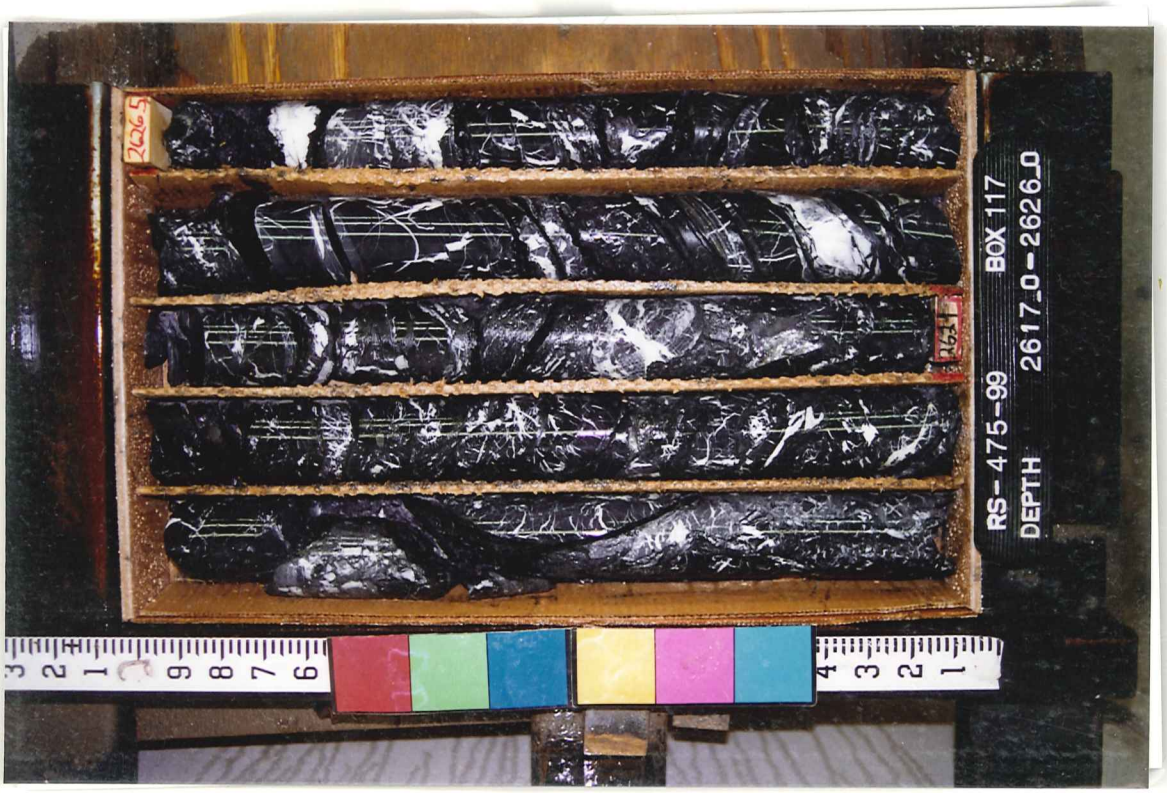
RS-475-99
BOX 112
DEPTH
2572_5-2581_0


RS-475-99
BOX 113
DEPTH
2581_0-2590_5

RS-475-99
BOX 114
DEPTH
2590_5-2600_0

2602.1
2608
2600.5
RS- 475-99
BOX 115
DEPTH
2600_0-2609_0


2615.4
RS- 475-99
BOX 116
DEPTH
2609_0-2617_0

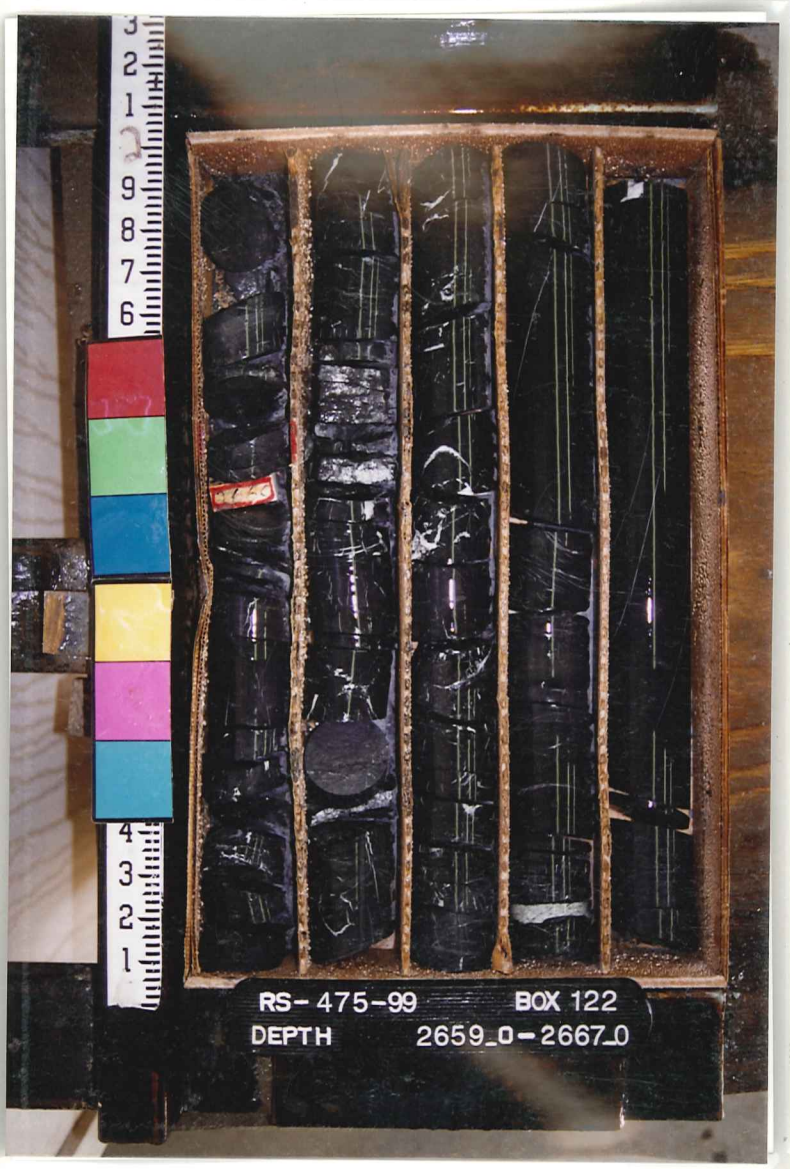

2626.5
RS- 475-99
BOX 117
DEPTH
2617_0-2626_0

RS-475-99
BOX 118
DEPTH
2626_0-2632_5

RS-475-99
BOX 119
DEPTH
2632_5-2641_0

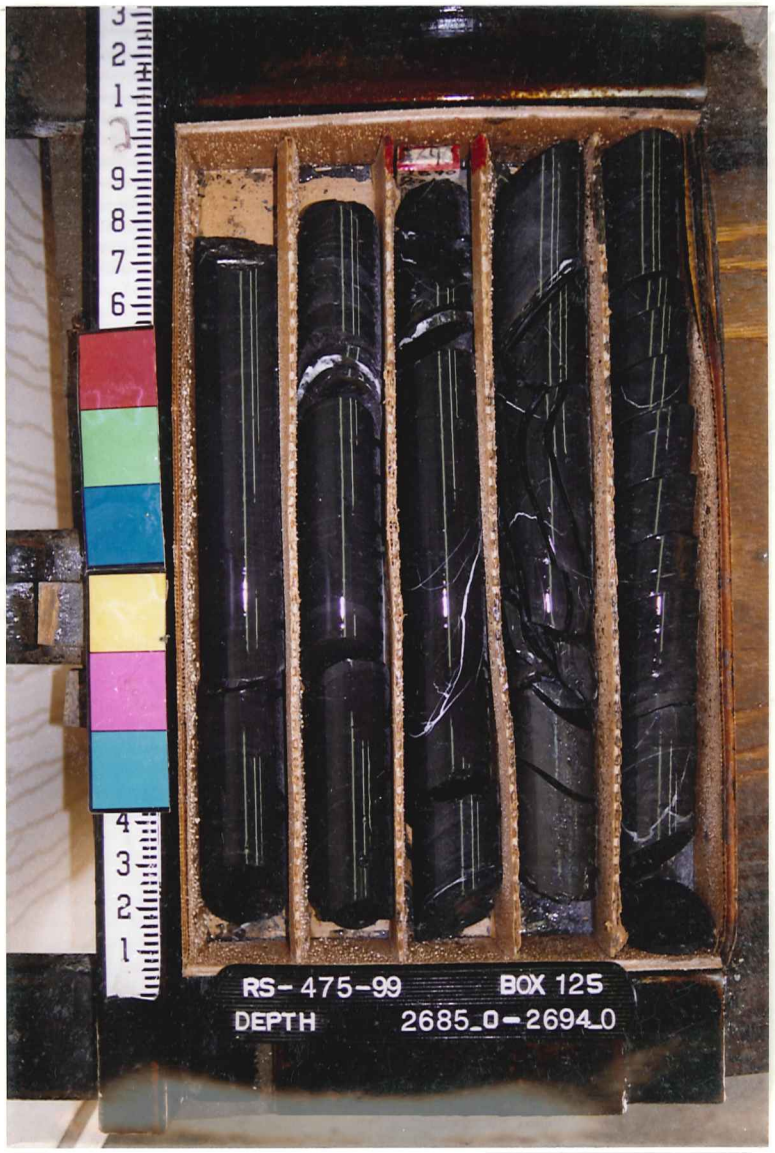
RS-475-99
BOX 120
DEPTH
2641_0-2650_0

26536
RS-475-99 BOX 121
DEPTH 2650_0-2659_0

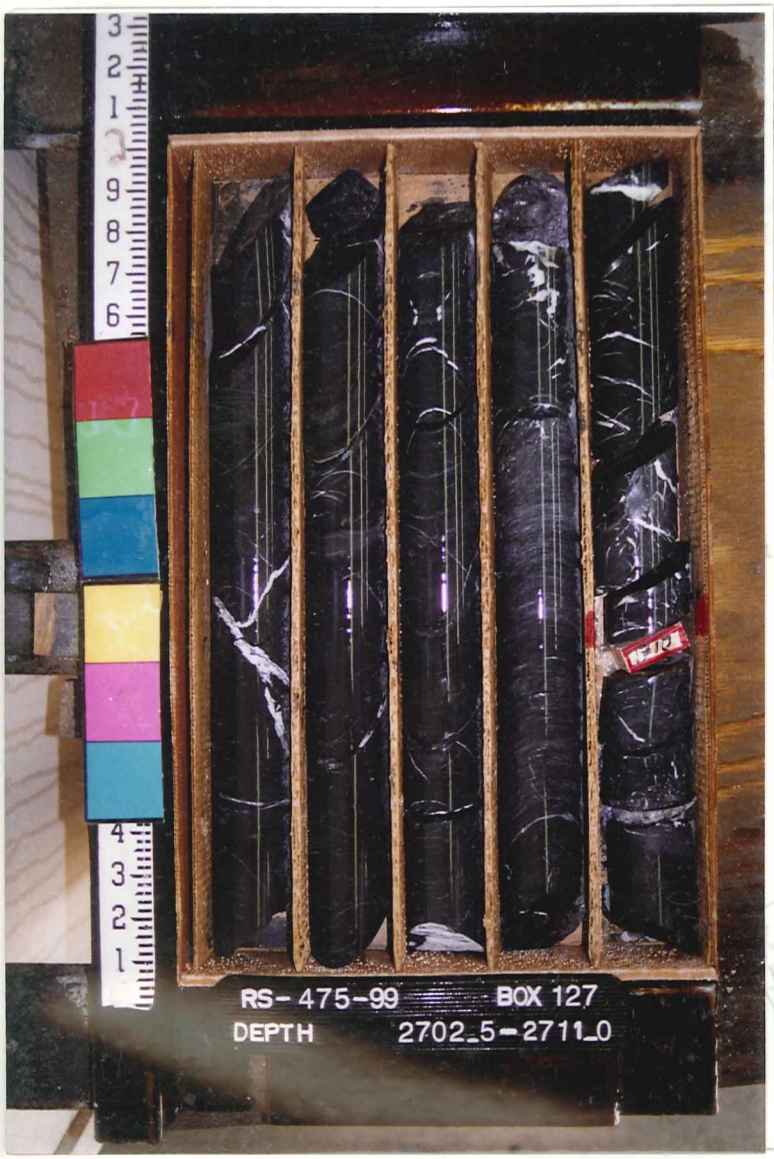

RS-475-99 BOX 122
DEPTH 2659_0-2667_0

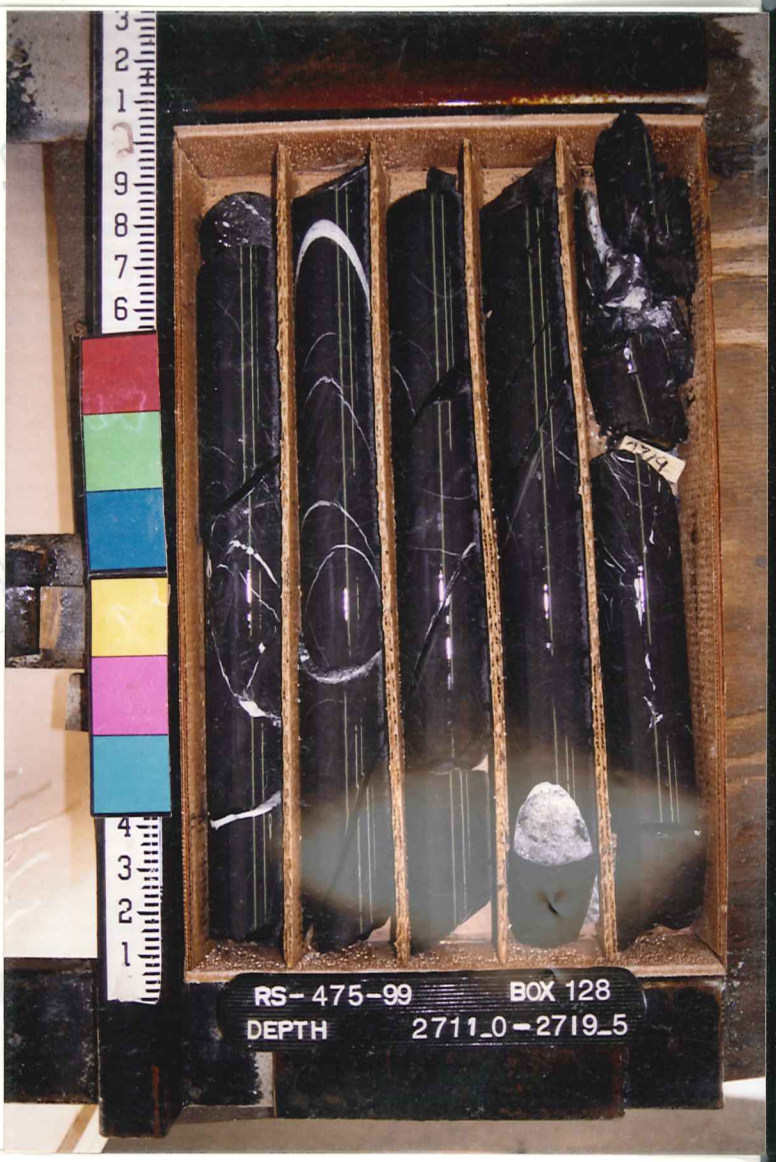
RS-475-99 BOX 123
DEPTH 2667_0-2676_0

RS- 475-99 BOX 124
DEPTH 2676_0-2685_0


RS- 475-99 BOX 125
DEPTH 2685_0-2694_0

RS- 475-99 BOX 126
DEPTH 2694_0-2702_5


RS-475-99 BOX 127
DEPTH 2702_5-2711_0


RS-475-99 BOX 128
DEPTH 2711_0-2719_5

RS-475-99 BOX 129
DEPTH 2719_5-2728_5
2720

RS-475-99 BOX 130
DEPTH 2728_5-2737_0

RS-475-99 BOX 131
DEPTH 2737_0-2746_0

RS-475-99 BOX 132
DEPTH 2746_0-2755_0

RS-475-99
BOX 133
DEPTH
2755_0-2764_0

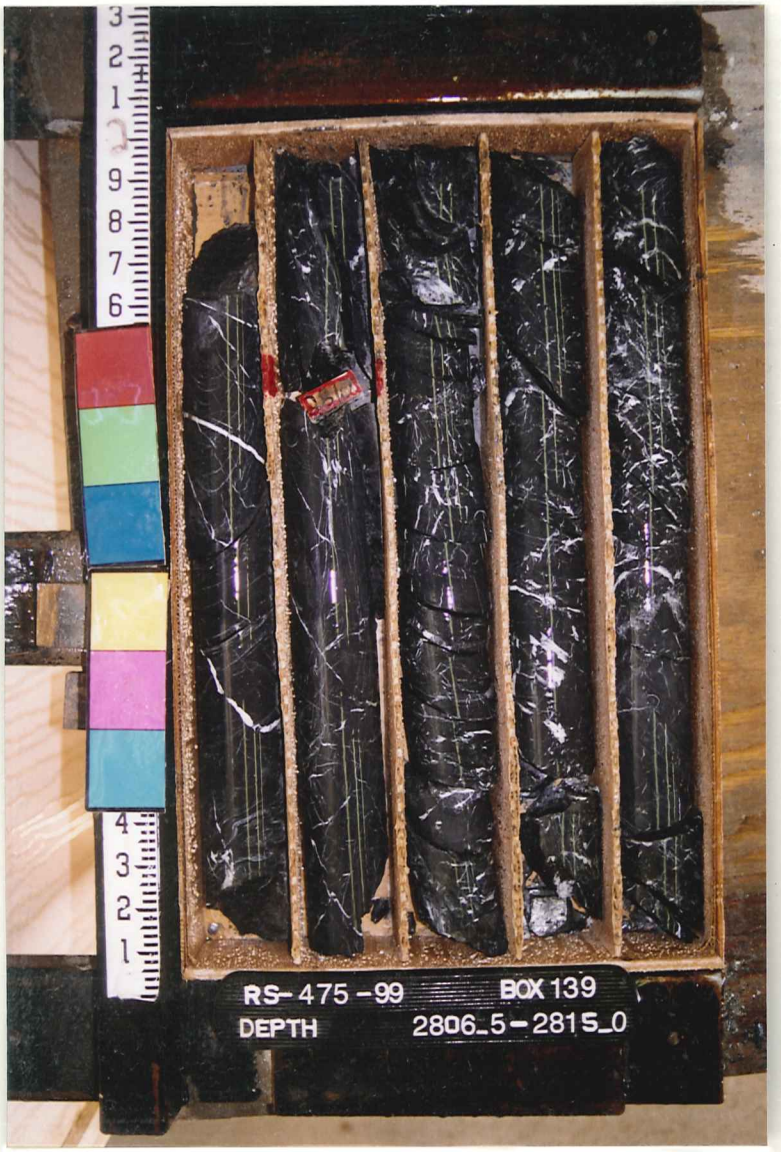
RS-475-99
BOX 134
DEPTH
2764_0-2772_5

RS-475-99
BOX 135
DEPTH
2772_5-2781_0

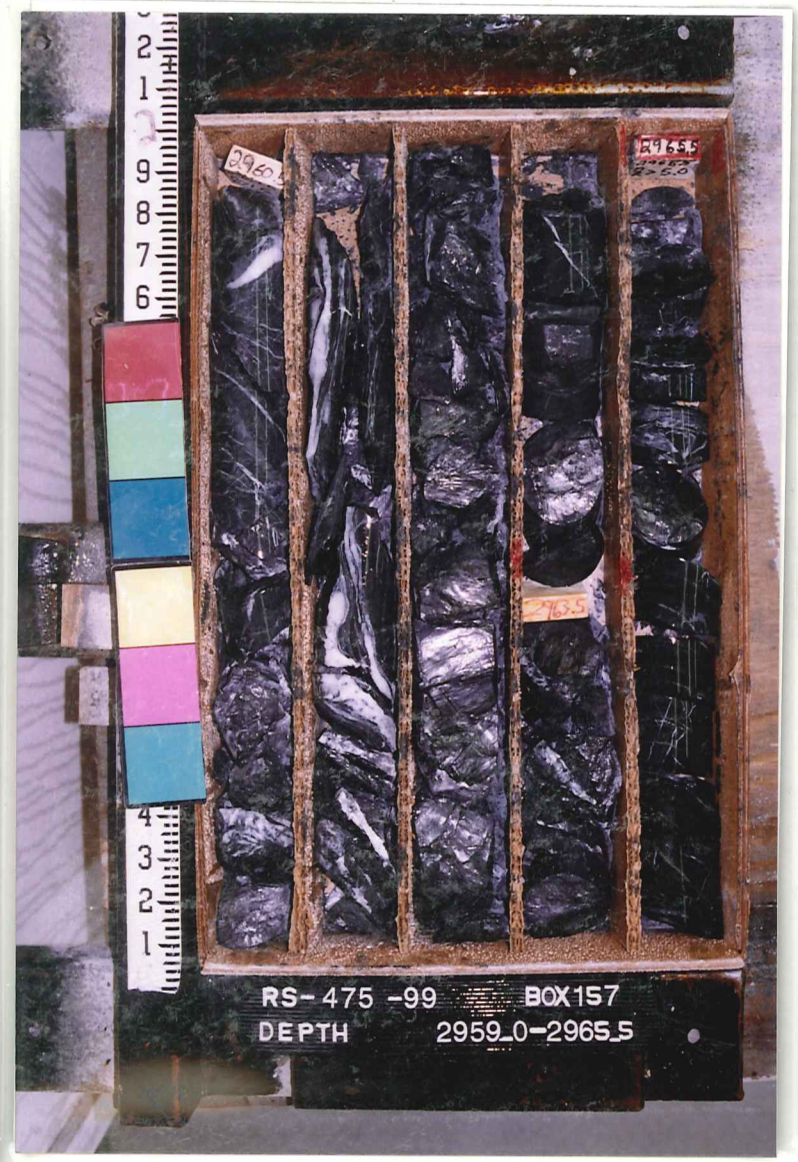
2781
RS-475-99 BOX 136
DEPTH 2781_0 - 2790_0

2791
2792
RS-475-99 BOX 137
DEPTH 2790_0 - 2798_5

RS-475-99 BOX 138
DEPTH 2798_5 - 2806_5


RS-475-99
BOX 139
DEPTH
2806_5-2815_0

28165
RS-475-99
BOX 140
DEPTH
2815_0-2823_0


RS-475 -99 BOX157
DEPTH 2959_0-2965_5

RS-475 -99 BOX158
DEPTH 2965_5-2974_0

RS-475 -99 BOX159
DEPTH 2974_0-2982_5

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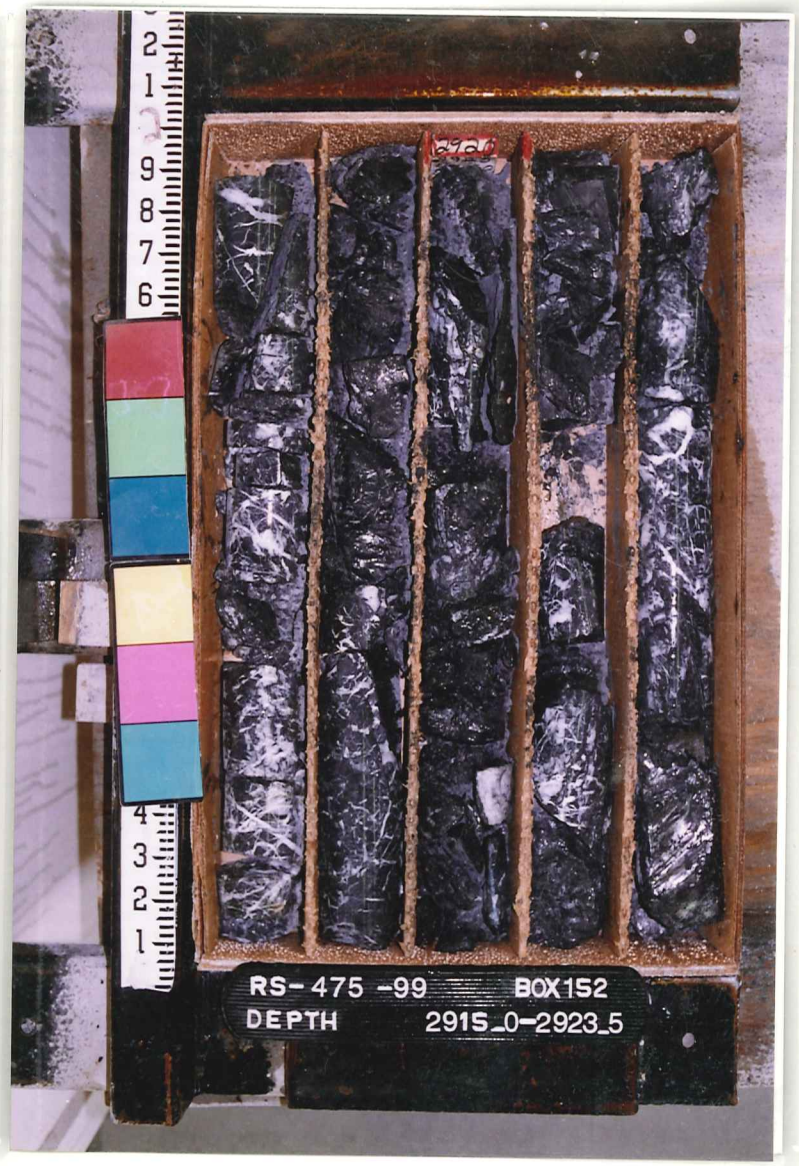
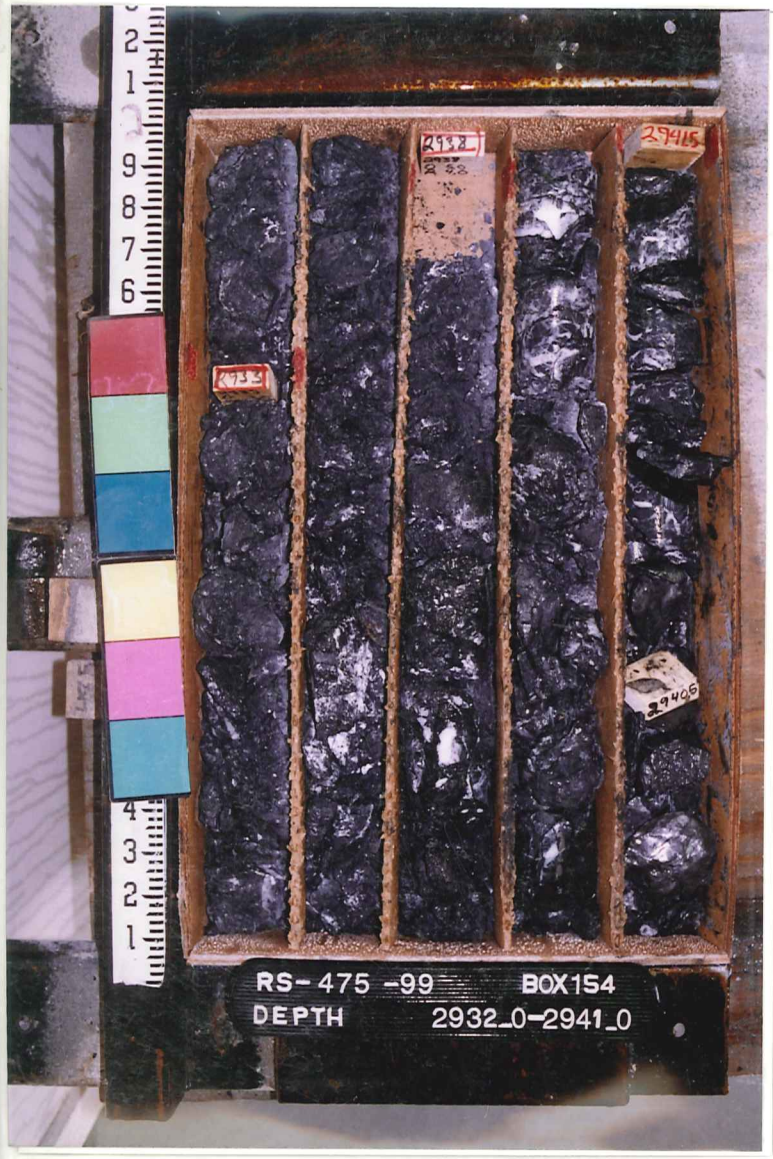
728 0121 N N N-1 09 (027)

RS-475 -99 BOX151
DEPTH 2906_5-2915_0

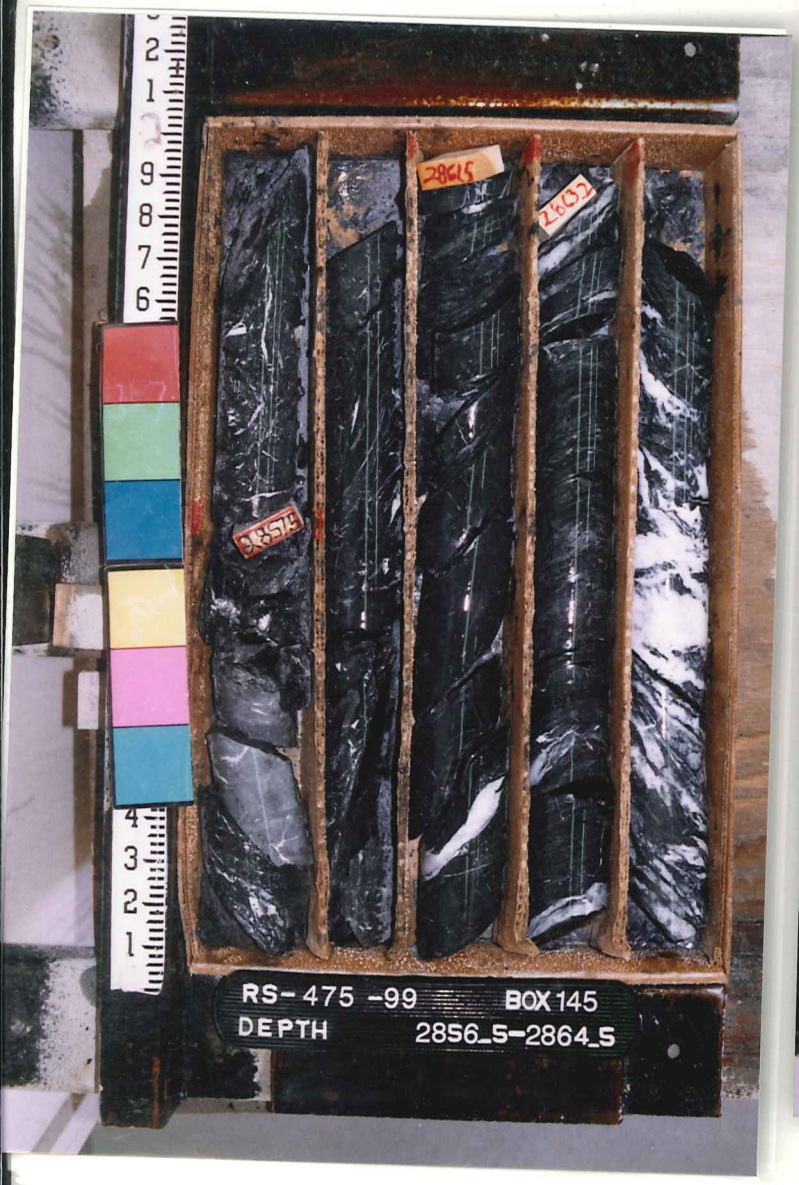

RS-475 -99 BOX152
DEPTH 2915_0-2923_5

RS-475 -99 BOX153
DEPTH 2923_5-2932_0
2928
2931


RS-475 -99 BOX154
DEPTH 2932_0-2941_0

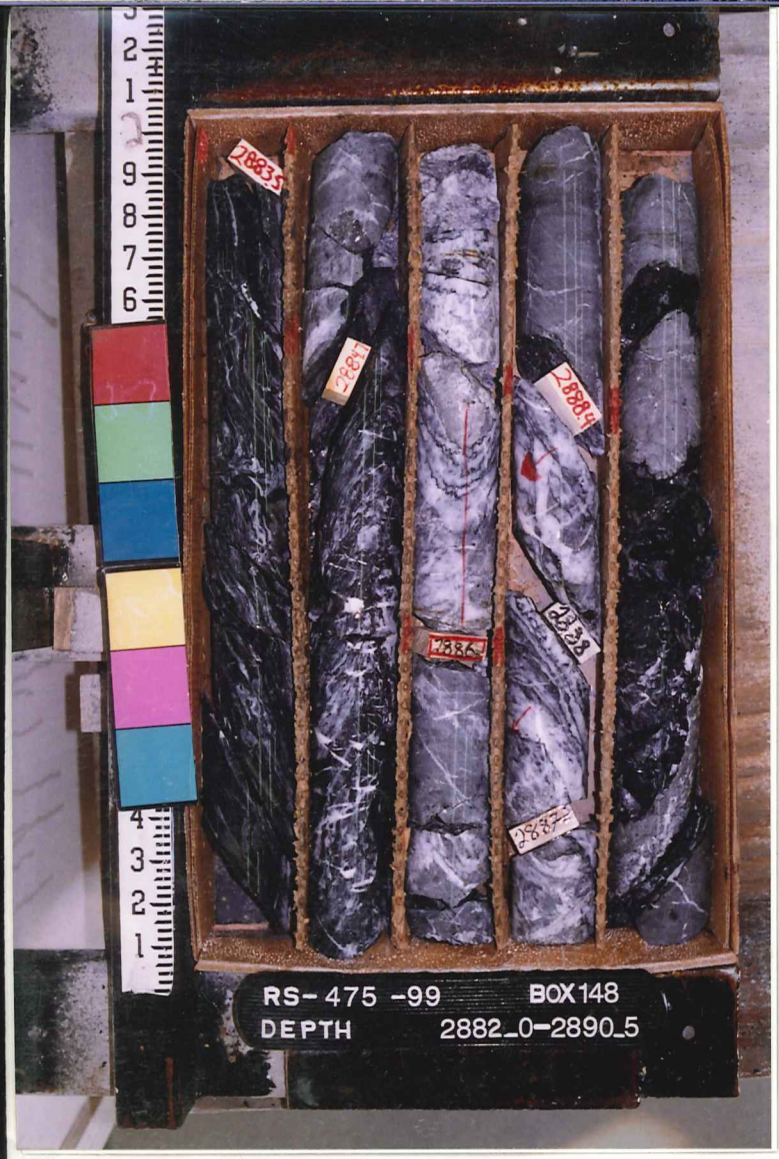
RS-475 -99 BOX155
DEPTH 2941_0-2949_5

RS-475 -99 BOX156
DEPTH 2949_5-2959_0

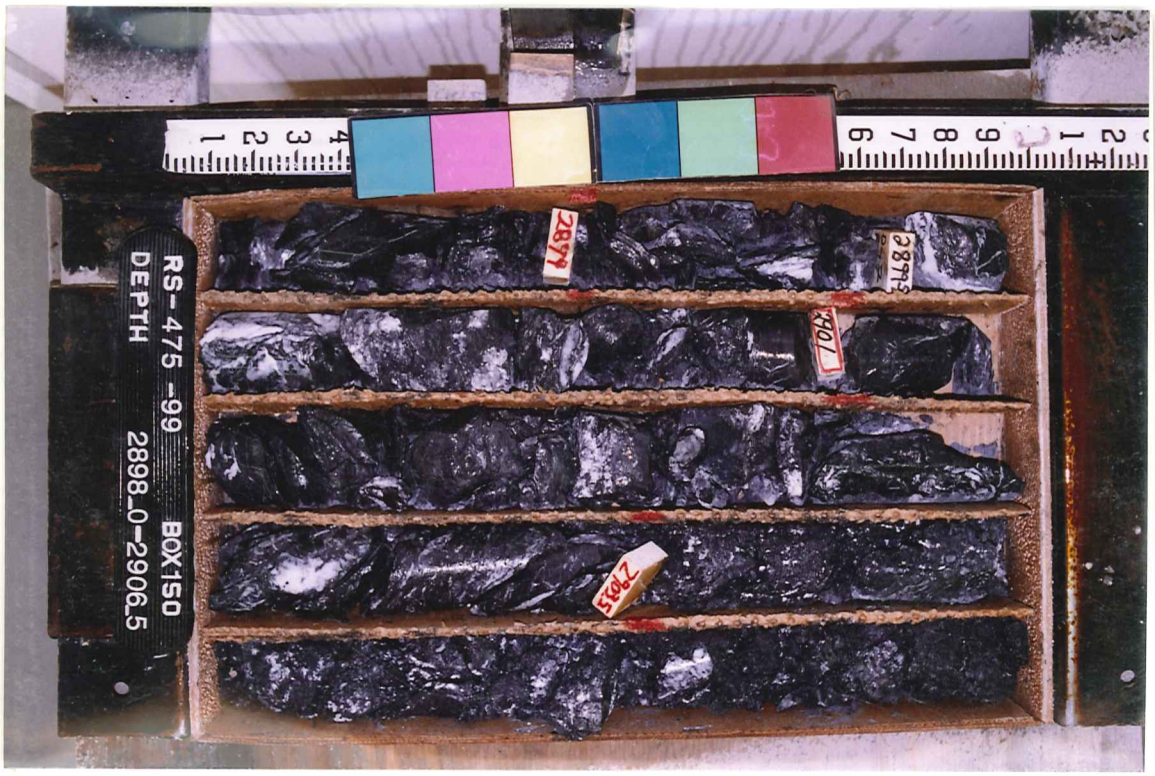

RS-475 -99 BOX 145
DEPTH 2856_5-2864_5

RS-475 -99 BOX 146
DEPTH 2864_5-2873_5

RS-475 -99 BOX 147
DEPTH 2873_5-2882_0


RS-475 -99 BOX148
DEPTH 2882_0-2890_5

RS-475 -99 BOX149
DEPTH 2890_5-2898_0


RS-475 -99 BOX150
DEPTH 2898_0-2906_5

RS-475 -99
BOX 144
DEPTH
2848_0-2856_5
2854