GL01073

AMAX EXPLORATION, INC.

4704 HARLAN STREET • DENVER, COLORADO 80212

INTER-OFFICE MEMORANDUM

SUBJECT: Conductivity Measurements and Heatflow Calculations, McCoy, Nevada

DATE February 22, 1979

TO: H. J. Olson

cc: A. L. Lange
V. Handley

FROM: H. D. Pilkington

Selected rock chip samples from some of the 1978 thermal gradient holes were sent to SMU for conductivity measurements. The following summarizes the results and the changes to be made on existing thermal well maps, heatflow maps, thermal gradient maps, depth to 200°C isotherm maps and on the thermal data stored on computer tapes.

Hole #	Location	Assumed K	Measured K	Q
864- 1	not drilled			
- 2	SESW S10 T22N R40E	5.0*	----	2.2
- 3	SESE S5 T22N R40E	5.0	----	9.8
- 4	NWNE S32 T23N R40E	5.0*	----	15.2
- 5	SESE S28 T23N R40E	4.7*	----	2.4
- 6	SENW S22 T23N R40E	4.7*	----	3.6
- 7	NWNW S21 T23N R40E	5.0*	----	7.2
- 8	SWSW S20 T23N R39E	5.0	----	11.7
- 9	NENE S25 T23N R40E	6.0*	----	6.6
-10	SWSE S17 T23N R40E	5.0*	----	4.2
-11	SWSE S6 T22N R40E	5.5	----	13.0
-12	not drilled			
-13	NESW S15 T23N R40E	6.5*	----	4.0
-14	SWSE S9 T23N R40E	6.0	----	15.1
-15	NESE S8 T23N R40E	5.0	----	8.1
-16	NENE S7 T23N R40E	7.8*	----	8.8
-17	SWNW S4 T23N R40E	3.5	----	6.8
-18	not drilled			
-19	NWNE S2 T23N R40E	3.4*	insufficient sample	2.6
-20	SESE S11 T23N R40E	5.0	4.81	1.8
-21	SWNE S33 T23N R40E	5.0	4.66	3.8
-22	NWNW S3 T22N R40E	4.0*	----	4.4
-23	SWSE S33 T24N R40E	3.5	4.95	5.1
-24	SWSW S33 T24N R40E	6.0	5.23	9.9
-25	SENW S5 T23N R40E	5.0	----	6.4

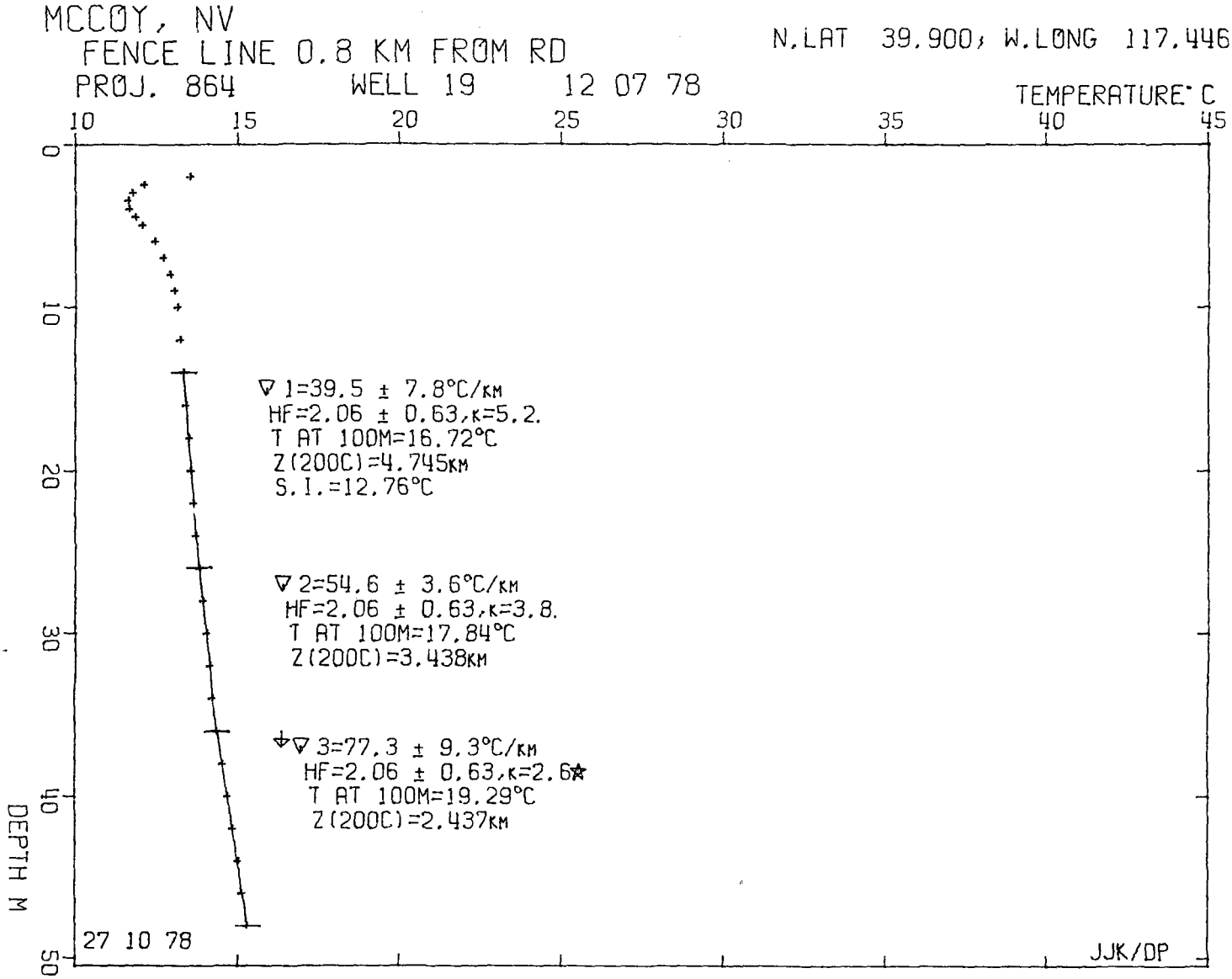
Hole #	Location	Assumed K	Measured K	Q
864-26	NESE S34 T24N R39E	3.0	----	0.9
-27	NWNW S12 T23N R39E	5.0*	insufficient sample	6.2
-28	SWNW S7 T23N R40E	6.0	7.58	23.3
-29	SESW S8 T23N R40E	8.0	7.98	4.2
-30	not drilled			
-31	NWSE S13 T23N R39E	6.0**	3.48	5.6
-32	not drilled			
-33	NWNW S20 T23N R40E	8.0**	6.51	15.0
-34	SENW S29 T23N R40E	6.0	----	11.8
-35	not drilled			
-36	not drilled			
-37	not drilled			
-38	not drilled			
-39	NWNW S31 T27N R40E	6.5	5.73	5.5
-40	SWSW S33 T23N R40E	5.0	----	14.1
-41	NWNW S6 T22N R40E	5.5*	----	5.0
-42	not drilled			
-43	not drilled			
-44	not drilled			
-45	not drilled			
-46	NENE S7 T22N R40E	6.0	insufficient sample	15.1
-47	NESE S8 T22N R40E	5.7**	4.46	23.5
-48	SESW S9 T22N R40E	5.0	6.96	12.8
-49	SWSE S17 T22N R40E	4.1	----	8.7
-50	SESE S13 T22N R40E	5.0**	2.98	7.9
-51	SESE S24 T22N R39E	5.0	----	5.8
-52	NWSW S26 T22N R39E	5.0	----	2.8
-53	NENE S6 T23N R40E	5.0	----	6.2

*assumed values revised to agree with measured K values in similar rock types.

**for heatflow calculation, have used the assumed values which are thought to be better than measured values due to sample contamination.

H. D. Pilkington

HDP/c


MCCOY, NV
FENCE LINE 0.8 KM FROM RD
PROJ. 864 WELL 19 12 07 78
N.LAT 39.900; W.LONG 117.446
TEMPERATURE C
10
15
20
25
30
35
40
45
0
10
20
30
40
50
DEPTH M
▽1=39.5 ± 7.8°C/KM
HF=2.06 ± 0.63,K=5.2.
T AT 100M=16.72°C
Z(200C)=4.745KM
S.I.=12.76°C
▽2=54.6 ± 3.6°C/KM
HF=2.06 ± 0.63,K=3.8.
T AT 100M=17.84°C
Z(200C)=3.438KM
▽3=77.3 ± 9.3°C/KM
HF=2.06 ± 0.63,K=2.6
T AT 100M=19.29°C
Z(200C)=2.437KM
27 10 78
JJK/DP

GEOTHERMAL LOG, AMAX EXPLORATION, INC., A.L.LANGE
11 10 7[redacted]
PROJECT: MCCOY, NV

PROJ	WELL	DA	MO	YR	WELL TITLE	EDITOR	TERRAIN	LP	LI	ISZ	IST
864	19	12	07	78	FENCE LINE 0.8 KM FROM RD	JJK/DP	06 67.8	0	0	1	1

YCM	XCM	N.LAT	W.LONG	ELEV
11.4500	19.2500	39.8998	117.4460	1572.8

J	SEG START	SEG END	CONDTVTY & STD DEV.	
1	14.000	26.000	0.000	0.000
2	26.000	36.000	0.000	0.000
3	36.000	46.000	2.600	0.500

PRECEEDING CONDUCTIVITY USED TO COMPUTE OTHERS
*** PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

PROJ	WELL	DA	MO	YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
864	19	12	07	78	2.000	13.510	99999.000	1
					2.500	12.110	-2800.000	2
					3.000	11.750	-719.997	3
					3.500	11.600	-300.003	4
					4.000	11.650	100.002	5
					4.500	11.850	399.998	6
					5.000	12.050	400.002	7
					6.000	12.450	400.000	8
					7.000	12.690	240.000	9
					8.000	12.900	210.001	10
864	19	12	07	78	9.000	13.020	119.999	11
					10.000	13.110	90.000	12
					12.000	13.230	60.000	13
					14.000	13.320	45.000	14
					16.000	13.390	35.000	15
					18.000	13.480	45.000	16
					20.000	13.540	30.000	17
					22.000	13.630	45.000	18
					24.000	13.700	35.000	19
					26.000	13.800	50.000	20
864	19	12	07	78	28.000	13.910	55.000	21
					30.000	14.010	49.999	22
					32.000	14.120	55.000	23
					34.000	14.230	55.000	24
					36.000	14.350	59.999	25
					38.000	14.520	85.000	26
					40.000	14.680	80.000	27
					42.000	14.840	80.000	28
					44.000	15.010	85.000	29
					46.000	15.140	65.001	30
864	19	12	07	78	48.000	15.270	65.000	31

SURFACE INTERCEPT FOR SEGMT 1 = 12.762

SEG	ZSTART	TSTART	ZEND	TEND	COND &	DCON	GRADIENT &	S.D.	HFU &	DHF	T AT 100M	KM
1	14.000	13.320	26.000	13.800	5.212	0.000	39.461	7.769	2.057	0.629	16.720	4.745

SEG	ZSTART	TSTART	ZEND	TEND	COND &	DCON	GRADIENT &	S.D.	HFU &	DHF	T AT 100M	KM
2	26.000	13.800	36.000	14.350	3.769	0.000	54.570	3.568	2.057	0.629	17[redacted]	3.408

		46.000	15.140	65.001	30
864	12 07 78	48.000	15.270	65.000	31

SURFACE INTERCEPT FOR SEGMT 1 = 12.762

SEG	ZSTART	TSTART	ZEND	TEND	COND &	DCON	GRADIENT &	S.D.	HFU &	DHF	T AT 100M	KM
1	14.000	13.320	26.000	13.800	5.212	0.000	39.461	7.769	2.057	0.629	16.720	4.745

SEG	ZSTART	TSTART	ZEND	TEND	COND &	DCON	GRADIENT &	S.D.	HFU &	DHF	T AT 100M	KM
2	26.000	13.800	36.000	14.350	3.769	0.000	54.570	3.568	2.057	0.629	17.842	3.408

SEG	ZSTART	TSTART	ZEND	TEND	COND &	DCON	GRADIENT &	S.D.	HFU &	DHF	T AT 100M	KM
3	36.000	14.350	48.000	15.270	2.600	0.500	77.315	9.337	2.057	0.629	19.290	2.437

PRECEEDING SEGMENT USED FOR EXTRAPOLATION

LITHOLOGIC LOG

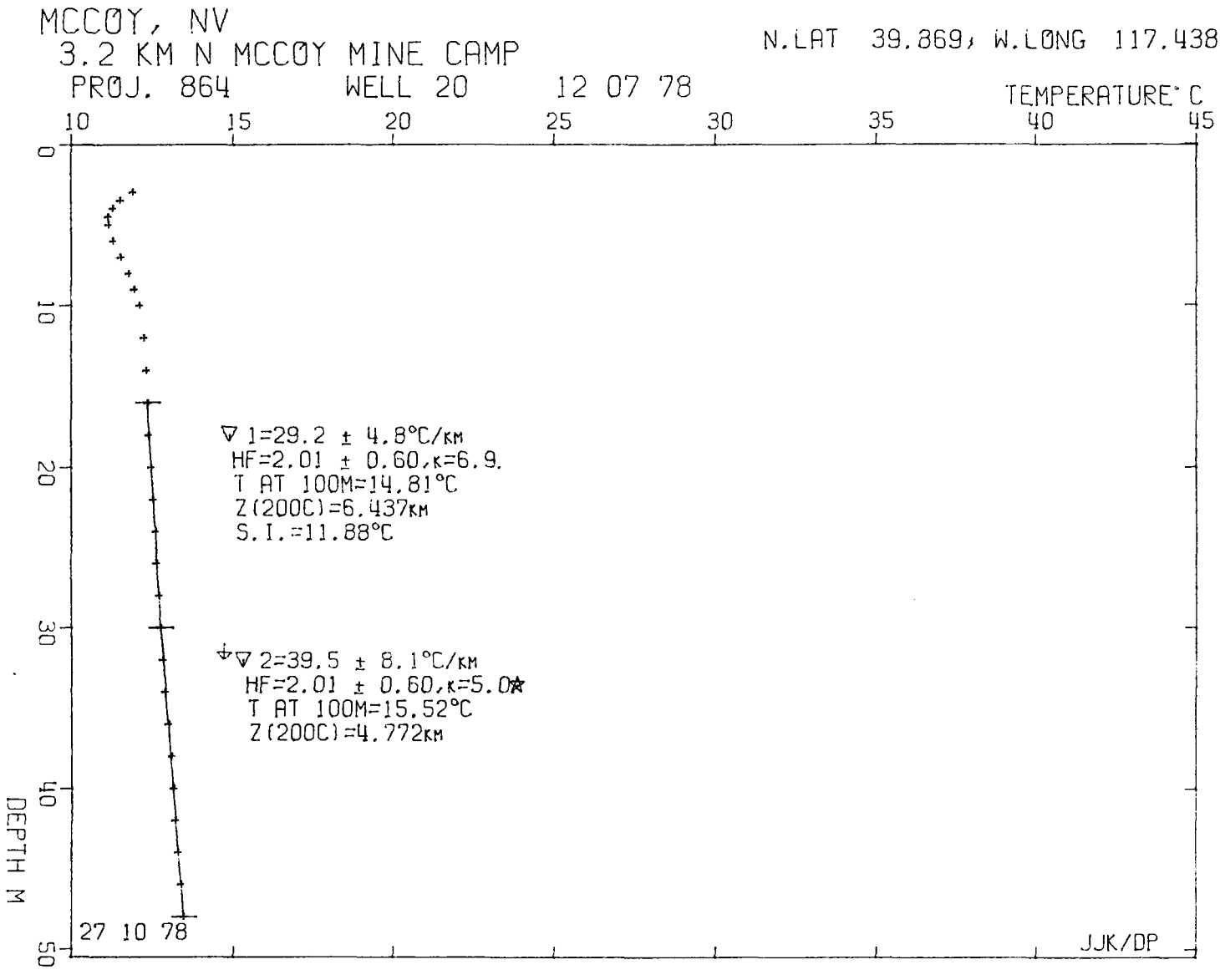
Project: McCoy

864-19

Elevation: 5160 Date Drilled:

NWNE S2 T23N R40E

Depth (m)	Description
0 - 3	Alluvium
3 - 14	Pink to buff brown crystal tuff with numerous gray to black vitrophyre fragments. Moderately welded.
14 - 27	Buff to gray crystal tuff composed of 12% feldspar crystal and 8% biotite crystals in a well indurated groundmass.
27 - 36	Altered crystal tuff.
36 - 49	White, poorly welded to unwelded ash.


MCCØY, NV
3.2 KM N MCCØY MINE CAMP
PRØJ. 864 WELL 20 12 07 78
N.LAT 39.869, W.LØNG 117.438
TEMPERATURE° C
10
15
20
25
30
35
40
45
0
10
20
30
40
50
DEPTH M
▽1=29.2 ± 4.8°C/KM
HF=2.01 ± 0.60,K=6.9.
T AT 100M=14.81°C
Z(200C)=6.437KM
S.I.=11.88°C
▽2=39.5 ± 8.1°C/KM
HF=2.01 ± 0.60,K=5.0
T AT 100M=15.52°C
Z(200C)=4.772KM
27 10 78
JJK/DP

GEOTHERMAL LOG, MAX EXPLORATION, INC., A.L.LANGE
11 10 78
PROJECT: [redacted]COY, NV

PROJ	WELL	DA	MO	YR	WELL TITLE	EDITOR	TERRAIN	LP	LI	ISZ	IST
864		20	12	07	78	3.2 KM N MCCOY MINE CAMP	JJK/DP	05	67.8	0	0	1	1

YCM	XCM	N.LAT	W.LONG	ELEV
55.0000	22.1000	39.8694	117.4380	1617.0

J	SEG START	SEG END	CONDTVTY & STD DEV.	
1	16.000	30.000	0.000	0.000
2	30.000	48.000	5.000	0.500

PRECEEDING CONDUCTIVITY USED TO COMPUTE OTHERS
*** PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

PROJ	WELL	DA	MO	YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
864		20	12	07	78	3.000	11.910	99999.000	1
						3.500	11.530	-760.002	2
						4.000	11.290	-480.000	3
						4.500	11.150	-279.999	4
						5.000	11.160	20.000	5
						6.000	11.290	129.999	6
						7.000	11.530	240.000	7
						8.000	11.770	240.000	8
						9.000	11.960	190.001	9
						10.000	12.110	150.000	10
864		20	12	07	78	12.000	12.260	75.000	11
						14.000	12.320	30.001	12
						16.000	12.360	20.000	13
						18.000	12.400	20.000	14
						20.000	12.460	30.000	15
						22.000	12.520	30.000	16
						24.000	12.590	35.000	17
						26.000	12.640	25.001	18
						28.000	12.700	30.000	19
						30.000	12.760	30.000	20
864		20	12	07	78	32.000	12.820	30.001	21
						34.000	12.910	45.000	22
						36.000	13.010	49.999	23
						38.000	13.100	45.000	24
						40.000	13.170	35.000	25
						42.000	13.220	25.001	26
						44.000	13.300	40.000	27
						46.000	13.390	45.000	28
						48.000	13.470	40.000	29

SURFACE INTERCEPT FOR SEGMT 1 = 11.882

SEG	ZSTART	TSTART	ZEND	TEND	COND &	DCON	GRADIENT &	S.D.	HFU &	DHF	T AT 100M	KM
1	16.000	12.360	30.000	12.760	6.894	0.000	29.225	4.808	2.015	0.601	14.806	6.437

SEG	ZSTART	TSTART	ZEND	TEND	COND &	DCON	GRADIENT &	S.D.	HFU &	DHF	T AT 100M	KM
2	30.000	12.760	48.000	13.470	5.000	0.500	39.486	8.079	2.015	0.601	15.523	4.772

PRECEEDING SEGMENT USED FOR EXTRAPOLATION

LITHOLOGIC LOG

Project: McCoy

864-20

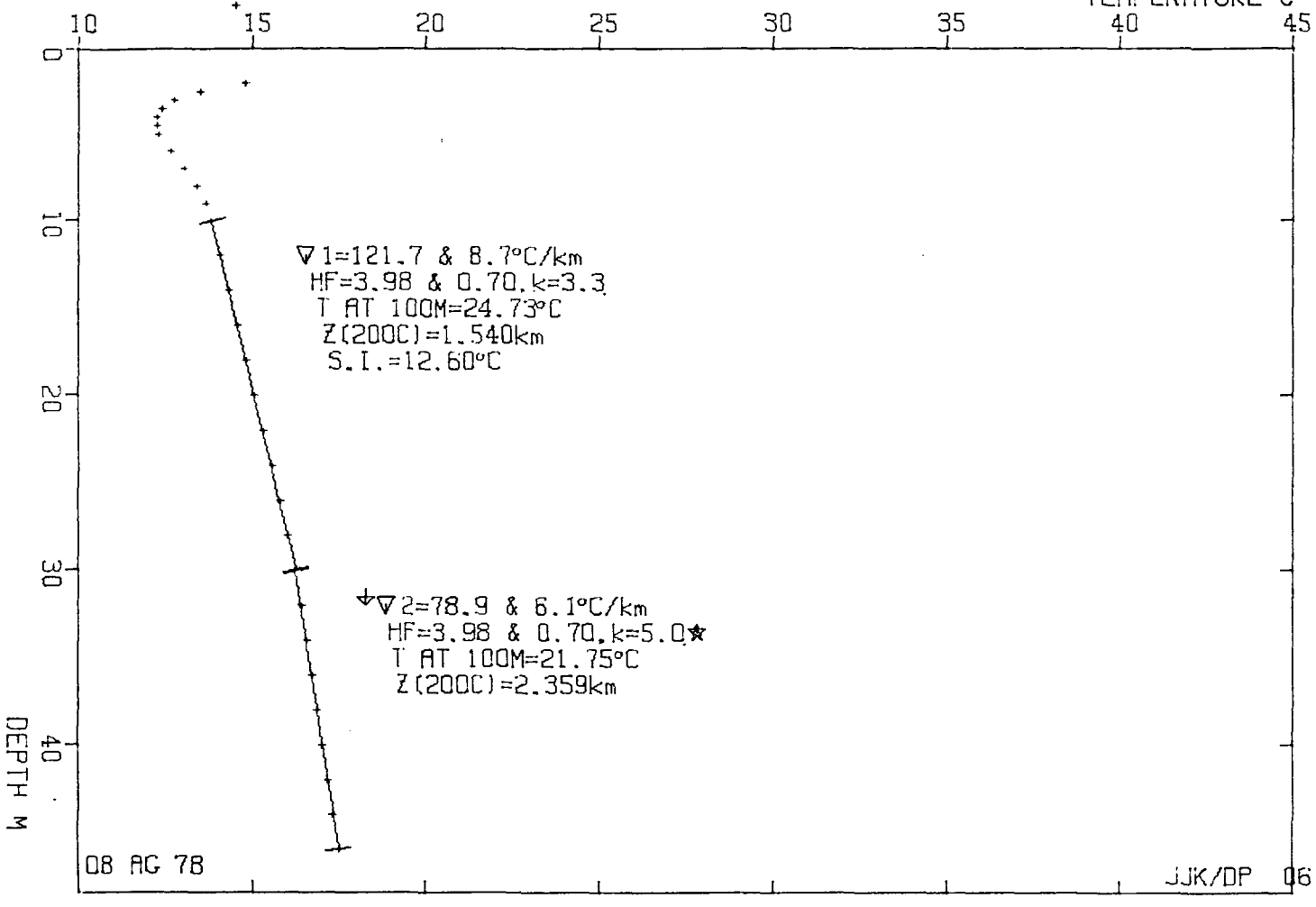
Elevation: 5305 Date Drilled:

SESE Sec. 11 T23N R40E

Depth (m)	Description
0 - 30	Pinkish brown crystal tuff with crystals of biotite and feldspar, vitrophyre fragments in a well indurated maxtrix.
30 - 49	Weakly welded, slightly altered to clay crystal tuff.

McCOY, NV
4 KM WSW MCCOY MINING CAMP
PROJ. 864 WELL 21 12 07 78

N.LAT 39.820, W.LONG 117.482



EOTHERMAL LOG, AMAX EXPLORATION, INC., A.L.LANGE
8 AG 78

PROJECT: MCCOY, NV

PROJ	WELL	DA	MO	YR	WELL TITLE	EDITOR	TERRAIN	LP	LI	ISZ	IST
864	21	12	07	78	4 KM WSW MCCOY MINING CAMP	JJK/DP	06 60780.0	0	0	1	1

YCM	XCM	N.LAT	W.LONG	ELEV
32.4500	6.5000	39.8204	117.4818	1676.4

J	SEG START	SEG END	CONDTVTY & STD DEV.	
1	10.000	30.000	0.000	0.000
2	30.000	46.000	5.000	0.500

PRECEEDING CONDUCTIVITY USED TO COMPUTE OTHERS
*** PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

PROJ	WELL	DA	MO	YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
864	21	12	07	78	2.000	14.790	99999.000	1
					2.500	13.510	-2560.001	2
					3.000	12.760	-1500.000	3
					3.500	12.410	-699.999	4
					4.000	12.230	-360.001	5
					4.500	12.230	0.000	6
					5.000	12.320	180.000	7
					6.000	12.660	340.000	8
					7.000	13.030	370.000	9
					8.000	13.400	370.000	10
864	21	12	07	78	9.000	13.650	250.000	11
					10.000	13.810	160.000	12
					12.000	14.060	125.000	13
					14.000	14.290	115.000	14
					16.000	14.530	120.000	15
					18.000	14.780	125.000	16
					20.000	15.050	135.000	17
					22.000	15.300	125.000	18
					24.000	15.540	120.000	19
					26.000	15.780	120.000	20
864	21	12	07	78	28.000	16.000	110.000	21
					30.000	16.210	104.996	22
					32.000	16.390	90.004	23
					34.000	16.540	74.997	24
					36.000	16.680	70.000	25
					38.000	16.840	80.002	26
					40.000	17.000	80.002	27
					42.000	17.160	79.994	28
					44.000	17.320	80.002	29
					46.000	17.490	84.999	30

SURFACE INTERCEPT FOR SEGMT 1 = 12.598

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFU & DHF	T AT 100M	KM
1	10.000	13.810	30.000	16.210	3.267 0.000	121.686 8.683	3.975 0.699	24.728	1.540

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFU & DHF	T AT 100M	KM
2	30.000	16.810	46.000	17.490	5.000 0.500	78.891 6.094	3.975 0.699	21.750	2.359

PRECEEDING SEGMENT USED FOR EXTRAPOLATION

LITHOLOGIC LOG

Project: McCoy

864-21

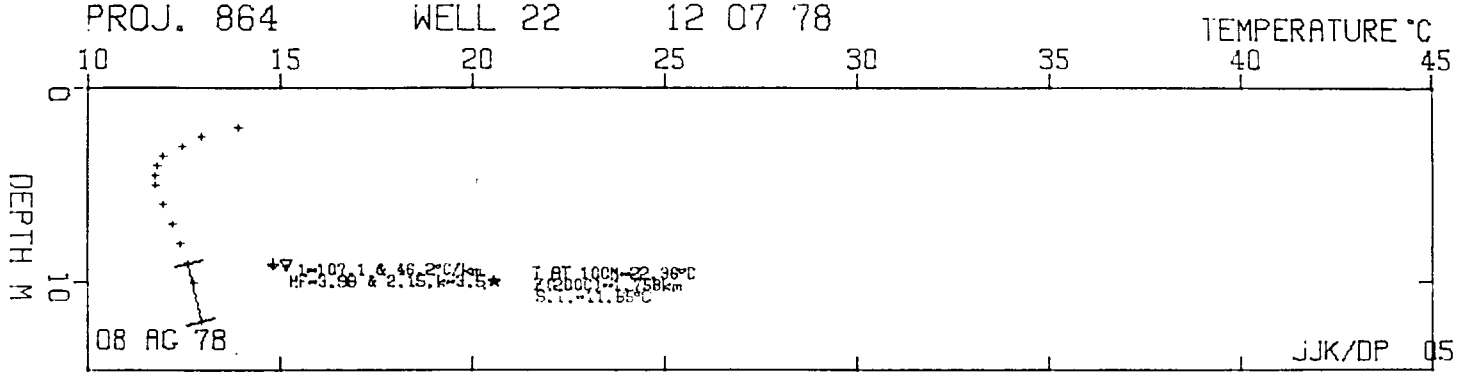
Elevation: 5500 Date Drilled:

SWNE Sec. 33 T23N R40E

Depth (m)	Description
0 - 3	Alluvium.
3 - 10	Weathered crystal tuff.
10 - 30	Weakly welded pinkish brown crystal tuff composed of biotite and feldspar fragments in ashy matrix.
30 - 49	Welded crystal tuff - pink to brownish gray with considerable fragments of vitrophyre.

McCOY, NV
4 KM SW MCCOY MINING CAMP
PROJ. 864 WELL 22 12 07 '78

N.LAT 39.811, W.LONG 117.474



GEOTHERMAL LOG, AMAX EXPLORATION, INC., A.L.LANGE
08 AG 78

PROJECT: MCCOY, NV

PROJ	WELL	DA	MO	YR	WELL TITLE	EDITOR	TERRAIN	LP	LI	ISZ	IST
864	22	12	07	78	4 KM SW MCCOY MINING CAMP	JJK/DP	05 60780.0	0	0	1	1

YCM	XCM	N.LAT	W.LONG	ELEV
27.9000	9.1000	39.8105	117.4745	1664.2

J	SEG START	SEG END	CONDTVTY & STD DEV.	
1	9.000	12.000	3.500	0.500

PRECEEDING CONDUCTIVITY USED TO COMPUTE OTHERS
*** PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

PROJ	WELL	DA	MO	YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
864	22	12	07	78	2.000	13.880	99999.000	1
					2.500	12.930	-1900.000	2
					3.000	12.450	-959.999	3
					3.500	11.960	-980.001	4
					4.000	11.810	-299.999	5
					4.500	11.750	-119.999	6
					5.000	11.770	39.999	7
					6.000	11.950	180.000	8
					7.000	12.200	250.000	9
					8.000	12.420	219.999	10
864	22	12	07	78	9.000	12.600	180.000	11
					10.000	12.750	150.001	12
					12.000	12.930	90.000	13

SURFACE INTERCEPT FOR SEGMT 1 = 11.653

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFU & DHF	T AT 100M	KM
1	9.000	12.600	12.000	12.930	3.500 0.500	107.146 46.157	3.981 2.151	22.359	1.758

PRECEEDING SEGMENT USED FOR EXTRAPOLATION

LITHOLOGIC LOG

Project: McCoy

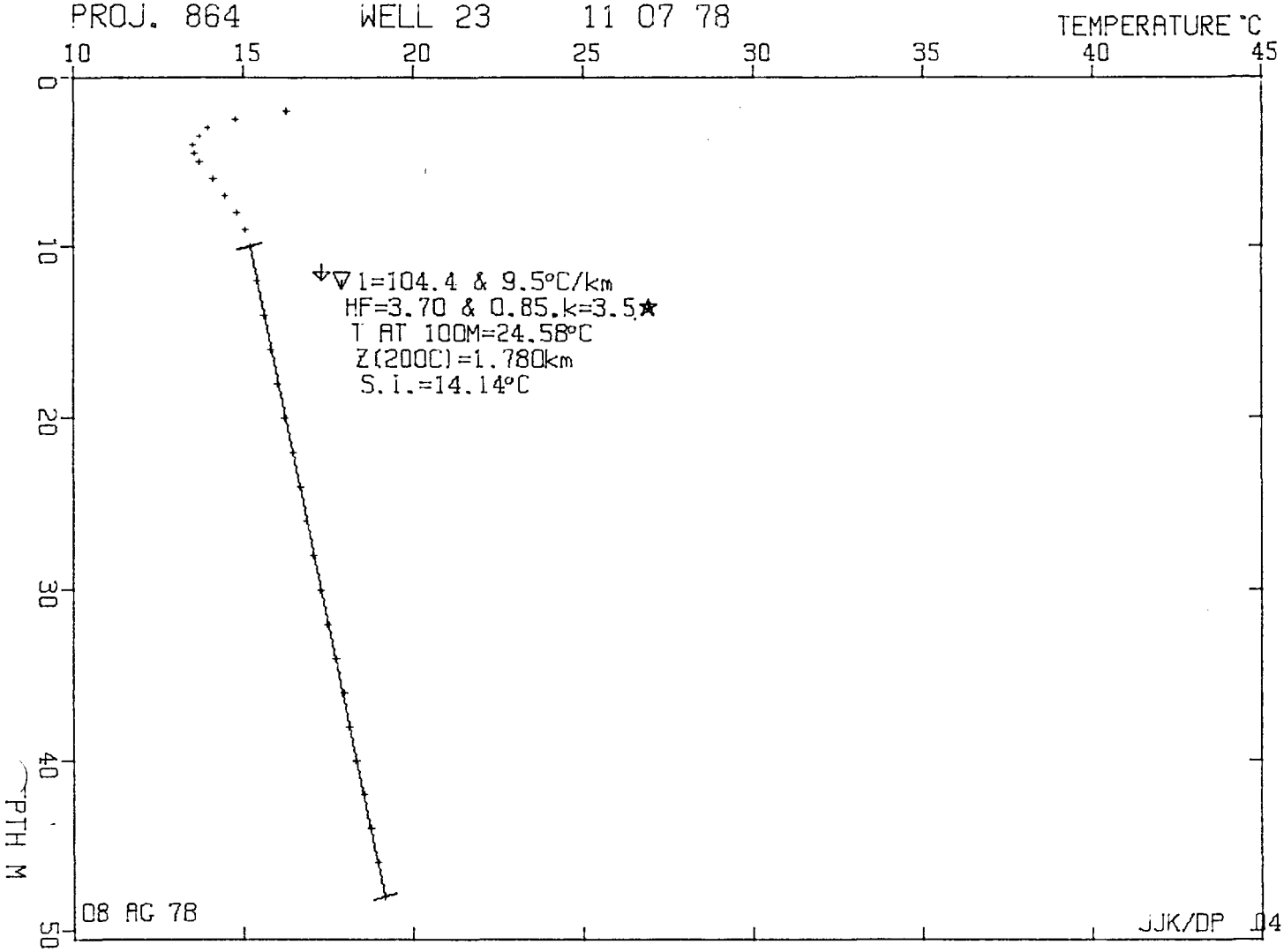
864-22

Elevation: 5460 Date Drilled:

NWNW Sec. 3 T22N R40E

Depth (m)	Description
0 - 24	Pink to pinkish brown crystal tuff somewhat weathered and iron stained.
24 - 37	Light gray to buff, poorly welded crystal tuff with clay alteration of the matrix.
37 - 48	Slightly more clay alteration of the crystal tuff.

McCOY, NV
1KM E RD N FROM MCCOY MINE
N.LAT 39.903, W.LONG 117.478
PROJ. 864 WELL 23 11 07 78



GEOTHERMAL LOG, AMAX EXPLORATION, INC., A.L.LANGE
3 AG 78

PROJECT: MCCOY, NV

PROJ	WELL	DA	MO	YR	WELL TITLE	EDITOR	TERRAIN	LP	LI	ISZ	IST
864	23	11	07	78	1KM E RD N FROM MCCOY MINE	JJK/DP	04 60780.0	0	0	1	1

YCM	XCM	N.LAT	W.LONG	ELEV
13.0000	7.7000	39.9032	117.4784	1524.0

J	SEG START	SEG END	CONDTVTY & STD DEV.	
1	10.000	48.000	3.500	0.500

RECEECING CONDUCTIVITY USED TO COMPUTE OTHERS
** PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

PROJ	WELL	DA	MO	YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
864	23	11	07	78	2.000	16.270	99999.000	1
					2.500	14.760	-3019.979	2
					3.000	13.950	-1619.999	3
					3.500	13.700	-500.000	4
					4.000	13.510	-380.001	5
					4.500	13.540	60.001	6
					5.000	13.690	299.999	7
					6.000	14.090	400.000	8
					7.000	14.470	380.000	9
					8.000	14.810	340.000	10
864	23	11	07	78	9.000	15.070	260.000	11
					10.000	15.220	150.000	12
					12.000	15.420	100.000	13
					14.000	15.600	90.000	14
					16.000	15.790	95.000	15
					18.000	16.000	105.000	16
					20.000	16.210	104.996	17
					22.000	16.450	120.003	18
					24.000	16.660	104.996	19
					26.000	16.850	95.001	20
864	23	11	07	78	28.000	17.040	95.001	21
					30.000	17.270	114.998	22
					32.000	17.470	99.998	23
					34.000	17.720	125.000	24
					36.000	17.940	110.001	25
					38.000	18.120	90.004	26
					40.000	18.320	99.998	27
					42.000	18.530	105.003	28
					44.000	18.730	99.998	29
					46.000	18.950	110.001	30
864	23	11	07	78	48.000	19.150	99.998	31

JRFACE INTERCEPT FOR SEGMT 1 = 14.144

EG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFU & DHF	T AT 100M	KM
1	10.000	15.820	48.000	19.150	3.500 0.500	104.428 9.492	3.782 0.854	24.580	1.780

RECEEDING SEGMENT USED FOR EXTRAPOLATION

LITHOLOGIC LOG

Project: McCoy

864-23

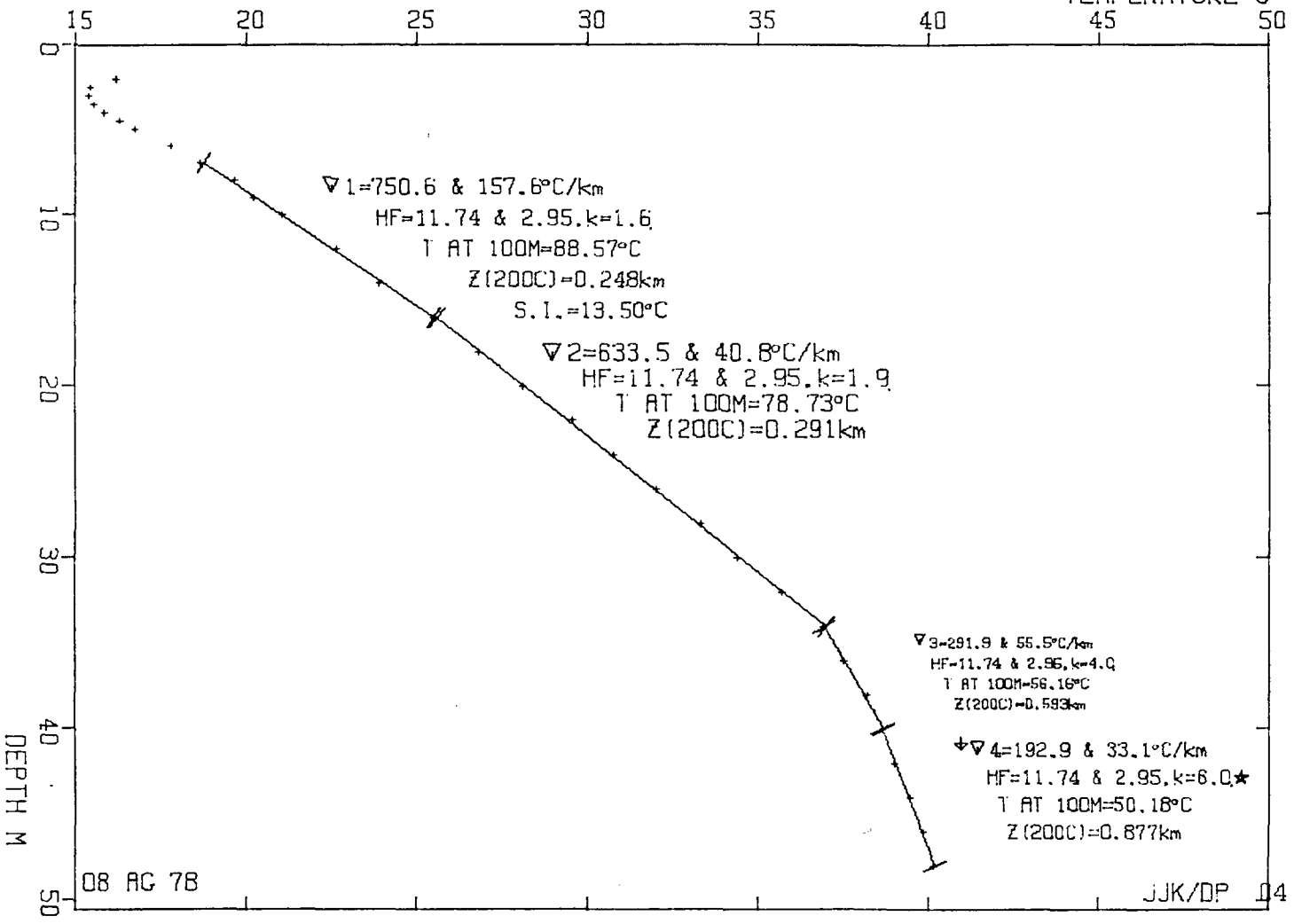
Elevation: 5000 Date Drilled:

SWSE Sec. 33 T24N R40E

Depth (m)	Description
0 - 48	Alluvium - interbedded sand, gravel.

McCOY, NV
3 KM N MCCOY MINE RD
PROJ. 864 WELL 24 11 07 78

N.LAT 39.904, W.LONG 117.490



GEOTHERMAL LOG, AMAX EXPLORATION, INC., A.L.LANGE
08 AG 78

PROJECT: MCCOY, NV

PROJ	WELL	DA	MO	YR	WELL TITLE	EDITOR	TERRAIN	LP	LI	ISZ	IST
864	24	11	07	78	3 KM N MCCOY MINE RD	JJK/DR	04 60780.0	C	B	1	1

YCM	XCM	N.LAT	W.LONG	ELEV
13.4000	3.7000	39.9041	117.4896	1487.6

J	SEG START	SEG END	CONDTVTY	& STD DEV.
1	7.000	16.000	0.000	0.000
2	16.000	34.000	0.000	0.000
3	34.000	40.000	0.000	0.000
4	40.000	48.000	6.000	0.500

PRECEEDING CONDUCTIVITY USED TO COMPUTE OTHERS
*** PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

PROJ	WELL	DA	MO	YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
864	24	11	07	78	2.000	16.200	99999.000	1
					2.500	15.460	-1479.996	2
					3.000	15.400	-119.999	3
					3.500	15.550	299.999	4
					4.000	15.840	580.000	5
					4.500	16.310	939.997	6
					5.000	16.740	859.985	7
					6.000	17.800	1059.998	8
					7.000	18.640	840.012	9
					8.000	19.630	989.990	10
864	24	11	07	78	9.000	20.190	559.998	11
					10.000	21.040	850.006	12
					12.000	22.630	794.998	13
					14.000	23.890	630.005	14
					16.000	25.520	814.995	15
					18.000	26.800	640.000	16
					20.000	28.120	660.004	17
					22.000	29.530	705.002	18
					24.000	30.750	610.001	19
					26.000	31.980	614.998	20
864	24	11	07	78	28.000	33.290	654.999	21
					30.000	34.420	565.002	22
					32.000	35.720	649.994	23
					34.000	36.920	600.006	24
					36.000	37.500	290.001	25
					38.000	38.180	339.996	26
					40.000	38.640	230.003	27
					42.000	39.010	184.998	28

		44.000	39,470	299.996	29
		46.000	39,850	190.002	30
864	24 11 07 78	48.000	40,150	150.002	31

SURFACE INTERCEPT FOR SEGMT 1 = 13.500

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFU &	DHF	T AT 100M	KM
1	7.000	18.640	16.000	25.520	1.564 0.000	750,551 157.603	11,741	2,951	88.566	0,248
SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFU &	DHF	T AT 100M	KM
2	16.000	25.520	34.000	36,920	1.853 0.000	633,478 40,773	11,741	2,951	78.730	0,291
SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFU &	DHF	T AT 100M	KM
3	34.000	36,920	40.000	38,640	4,022 0.000	291,943 55,450	11,741	2,951	56,157	0,593
SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFU &	DHF	T AT 100M	KM
4	40.000	38.640	48.000	40,150	6.000 0.500	192,932 33,107	11,741	2,951	50,182	0,877

PRECEECING SEGMENT USED FOR EXTRAPOLATION

LITHOLOGIC LOG

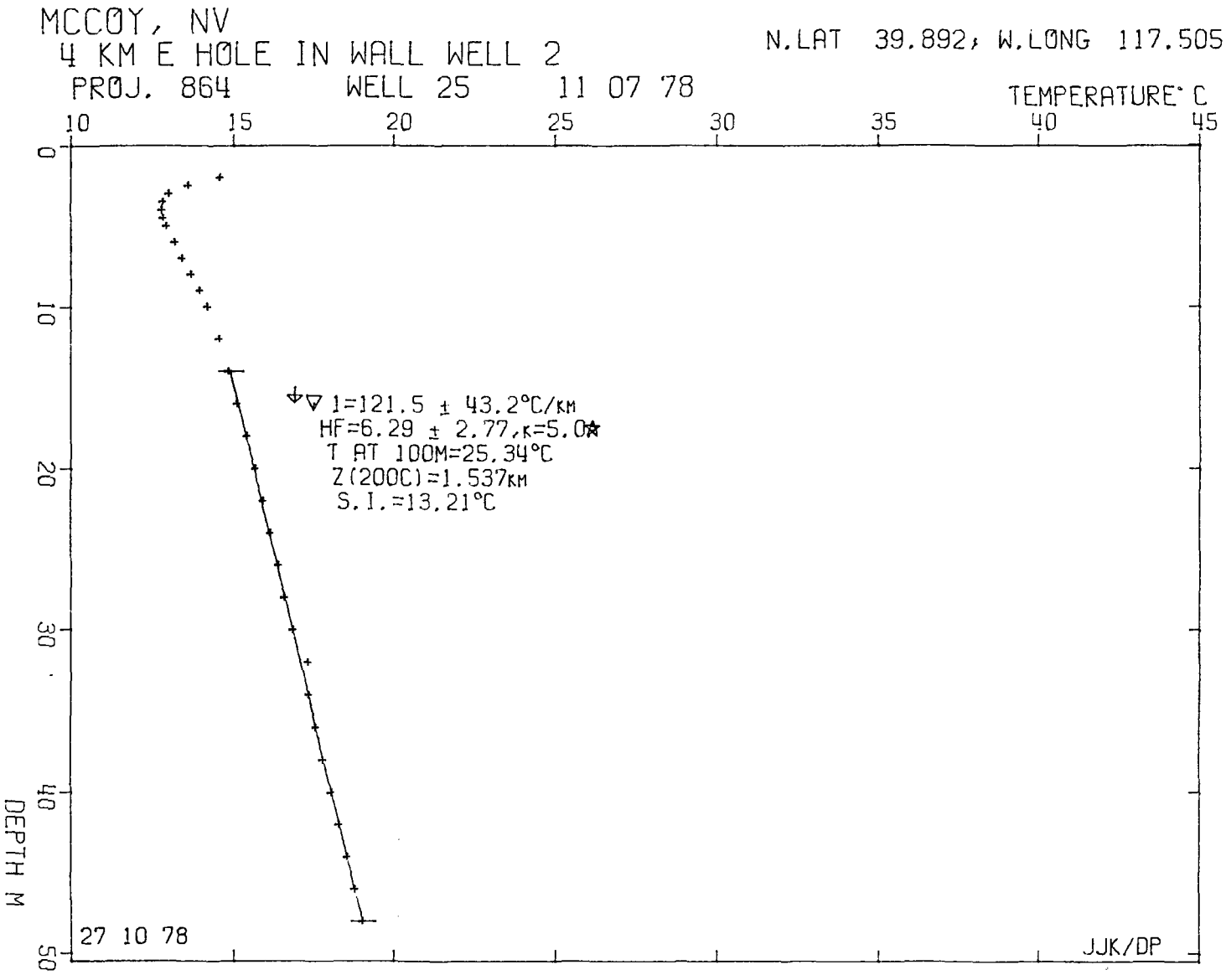
Project: McCoy

864-24

Elevation: 4880 Date Drilled:

SWSW Sec. 33 T24N R40E

Depth (m)	Description
0 - 34	Alluvium.
34 - 40	Weathered, buff to white crystal tuff.
40 - 48	Buff to white crystal tuff.


MCCOY, NV
4 KM E HOLE IN WALL WELL 2
PROJ. 864 WELL 25 11 07 78
N.LAT 39.892, W.LONG 117.505
TEMPERATURE C
10
15
20
25
30
35
40
45
0
10
20
30
40
50
DEPTH M
1=121.5 ± 43.2°C/KM
HF=6.29 ± 2.77, K=5.0
T AT 100M=25.34°C
Z(200C)=1.537KM
S.I.=13.21°C
27 10 78
JJK/DP

[illegible] A.L.LA[illegible]GE
09 11 7[illegible]
PROJECT [illegible]ECOY, NV

PROJ	WELL	DA MO YR	WELL TITLE	EDITOR	DRL DATE	LP	LI	ISZ	IST
864		25 11 07 78	4 KM E HOLE IN WALL WELL 2	JJK/DP	03 06 72	1	0	0	0

YCM	XCM	N.LAT	W.LONG	ELEV
25.1000	35.5000	39.8919	117.5062	1447.8

J	SEG START	SEG END	CONDTVTY & STD DEV.	
1	14.000	48.000	5.000	0.500

PRECEEDING CONDUCTIVITY USED TO COMPUTE OTHERS
*** PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

PROJ	WELL DA MO YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
864	25 11 07 78	2.000	14.560	99999.000	1
		2.500	13.590	-1940.002	2
		3.000	12.990	-1199.997	3
		3.500	12.810	-360.001	4
		4.000	12.790	-40.001	5
		4.500	12.820	60.001	6
		5.000	12.920	199.997	7
		6.000	13.180	260.000	8
		7.000	13.410	230.001	9
		8.000	13.680	269.999	10
864	25 11 07 78	9.000	13.940	260.000	11
		10.000	14.200	260.000	12
		12.000	14.550	175.000	13
		14.000	14.830	140.000	14
		16.000	15.110	139.999	15
		18.000	15.410	150.001	16
		20.000	15.660	125.000	17
		22.000	15.920	129.999	18
		24.000	16.140	110.001	19
		26.000	16.380	119.999	20
864	25 11 07 78	28.000	16.580	100.000	21
		30.000	16.840	129.999	22
		32.000	17.320	240.002	23
		34.000	17.330	4.999	24
		36.000	17.560	115.000	25
		38.000	17.800	120.001	26
		40.000	18.040	119.999	27
		42.000	18.290	125.000	28
		44.000	18.540	125.000	29
		46.000	18.800	130.001	30
864	25 11 07 78	48.000	19.020	109.999	31

SURFACE INTERCEPT FOR SEGMT 1 = 13.209

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON		GRADIENT & S.E.		HFU &	DHF	T AT 100M	KM
1	14.000	14.430	48.000	19.020	5.000	0.500	121.533	43.154	6.292	2.765	25.340	1.537

PRECEEDING SEGMENT USED FOR EXTRAPOLATION

LITHOLOGIC LOG

Project: McCoy

864-25

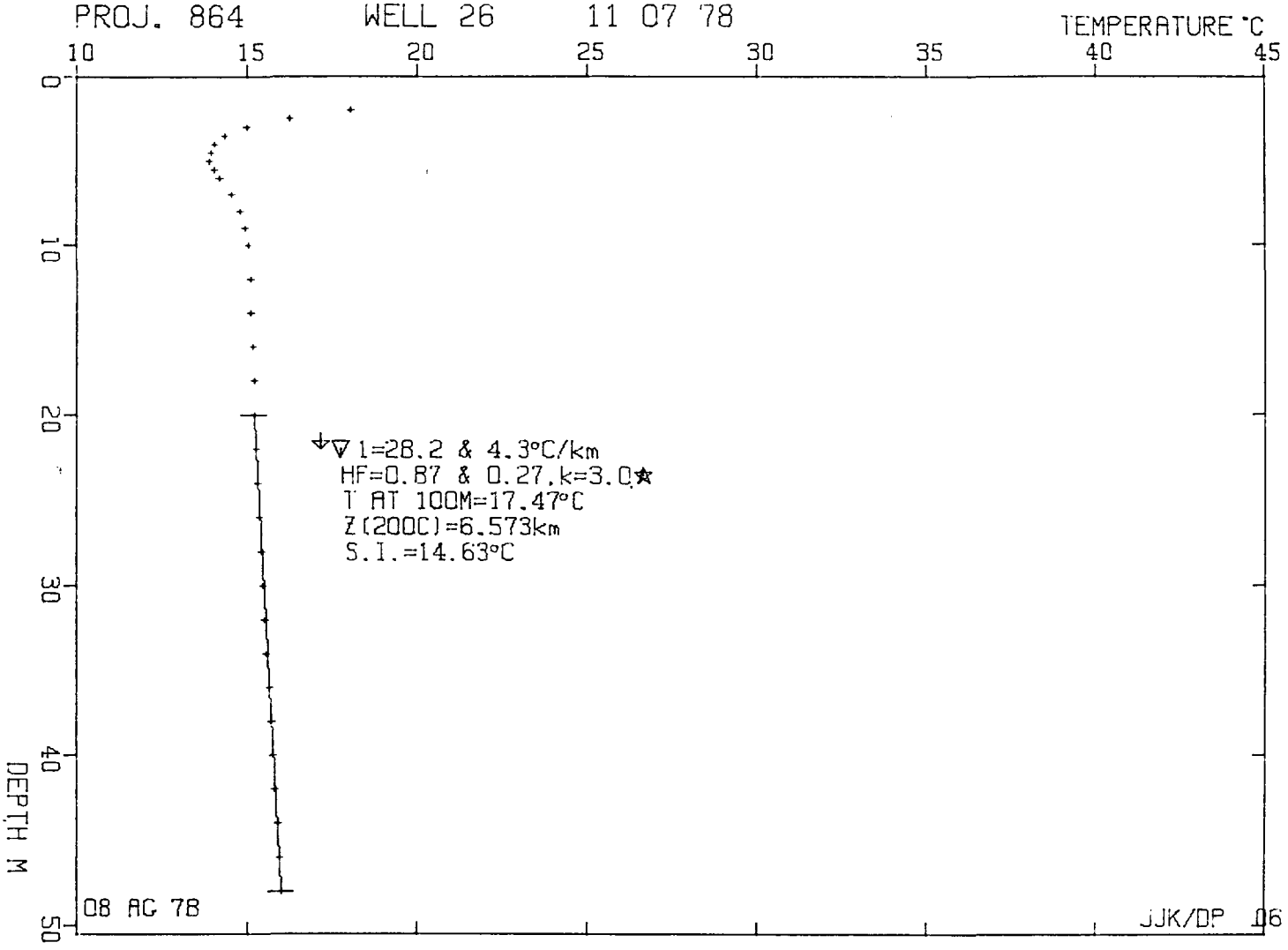
Elevation: 4750 Date Drilled:

SENW Sec. 5 T23N R40E

Depth (m)	Description
0 - 3	Alluvium.
3 - 48	Buff to pinkish tan crystal tuff with crystal fragments of biotite and feldspar. Several apparent flow units.

McCOY, NV
4 KM NW HOLE IN WALL WELL 2
PROJ. 864 WELL 26 11 07 78

N.LAT 39.902, W.LONG 117.570



ECTHERMAL LOG, AMAX EXPLORATION, INC., A.L.LANGE
8 AG 78

ROJECT: MCCOY, NV

REJ	WELL	DA	MO	YR	WELL TITLE	EDITOR	TERRAIN	LP	LI	ISZ	IST
864		26	11	07 78	4 KM NW HOLE IN WALL WELL 2	JJK/DP	06 60780.0	0	8	1	1

YCM	XCM	N.LAT	W.LONG	ELEV
24.9000	24.6000	39.9021	117.5702	1328.9

J	SEG START	SEG END	CONDTVTY & STD DEV.
1	20.000	48.000	3.000 0.500

RECEEDING CONDUCTIVITY USED TO COMPUTE OTHERS
** PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

REJ	WELL	DA	MO	YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
864		26	11	07 78	2.000	18.050	99999.000	1
					2.500	16.260	-3579.987	2
					3.000	15.020	-2479.990	3
					3.500	14.340	-1360.000	4
					4.000	14.050	-580.000	5
					4.500	13.930	-240.000	6
					5.000	13.900	-59.999	7
					5.500	14.030	260.000	8
					6.000	14.200	340.000	9
					7.000	14.560	360.000	10
864		26	11	07 78	8.000	14.810	250.000	11
					9.000	14.960	150.000	12
					10.000	15.030	70.001	13
					12.000	15.090	30.000	14
					14.000	15.100	5.000	15
					16.000	15.140	20.000	16
					18.000	15.180	20.000	17
					20.000	15.220	20.000	18
					22.000	15.270	25.000	19
					24.000	15.310	20.000	20
864		26	11	07 78	26.000	15.360	25.000	21
					28.000	15.410	25.000	22
					30.000	15.460	25.000	23
					32.000	15.510	25.000	24
					34.000	15.570	30.000	25
					36.000	15.630	30.000	26
					38.000	15.690	30.000	27
					40.000	15.750	30.000	28
					42.000	15.810	30.000	29
					44.000	15.880	35.000	30
864		26	11	07 78	46.000	15.950	35.000	31

48.000 16,000 25.000 32

URFACE INTERCEPT FOR SEGMT 1 = 14.629

EG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFU & DHF	T AT 100M	KM
1	20.000	15.820	48.000	16.000	3.000 0.500	28.198 4.273	0.867 0.269	17.466	6.573

RECEEDING SEGMENT USED FOR EXTRAPOLATION

LITHOLOGIC LOG

Project: McCoy

864-26

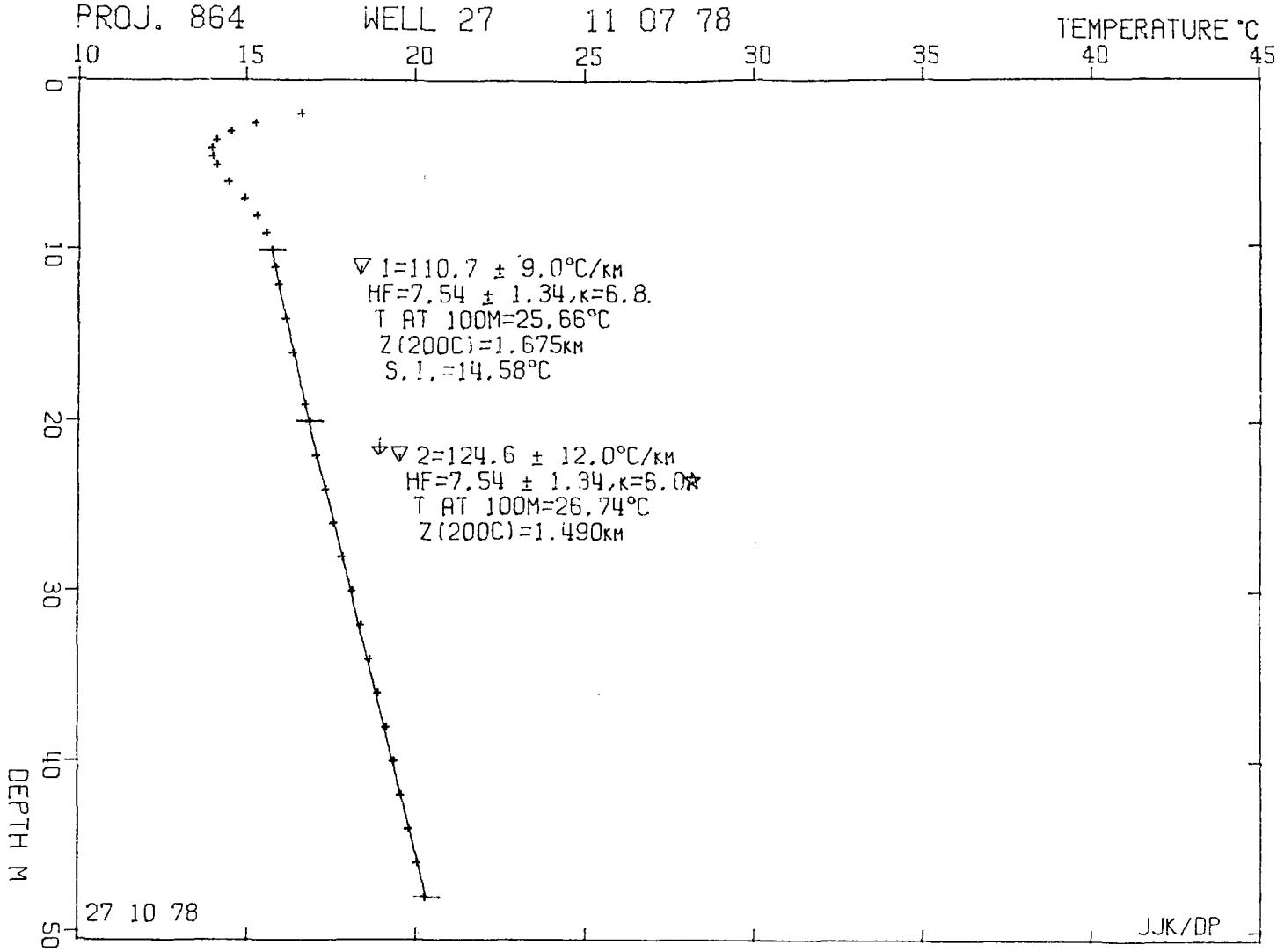
Elevation: 4360 Date Drilled:

NESE Sec. 34 T24N R39E

Depth (m)	Description
0 - 48	Tuffaceous younger sediments - probably in part lacustrine.

McCOY, NV
1 KM S HOLE IN WALL WELL 2
PROJ. 864 WELL 27 11 07 78

N.LAT 39.881, W.LONG 117.547



GEOTHERMAL LOG, AMAX EXPLORATION, INC., A.L.LANGE
11 10 78
PROJECT: MCCOY, NV

PROJ	WELL	DA	MO	YR	WELL TITLE	EDITOR	TERRAIN	LP	LI	ISZ	IST
864	27	11	07	78	1 KM S HOLE IN WALL WELL 2	JJK/DP	06	67.8	0	0	1	1

YCM	XCM	N.LAT	W.LONG	ELEV
23.1000	27.8000	39.8806	117.5469	1359.4

J	SEG START	SEG END	CONDTVTY & STD DEV.	
1	10.000	20.000	0.000	0.000
2	20.000	48.000	6.000	0.500

PRECEEDING CONDUCTIVITY USED TO COMPUTE OTHERS
*** PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

PROJ	WELL	DA	MO	YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
864	27	11	07	78	2.000	16.580	99999.000	1
					2.500	15.240	-2679.997	2
					3.000	14.510	-1460.003	3
					3.500	14.080	-859.997	4
					4.000	13.950	-260.002	5
					4.500	13.970	40.001	6
					5.000	14.080	220.001	7
					6.000	14.430	349.998	8
					7.000	14.900	470.001	9
					8.000	15.260	359.999	10
864	27	11	07	78	9.000	15.530	270.000	11
					10.000	15.690	160.000	12
					11.000	15.810	120.001	13
					12.000	15.920	109.999	14
					14.000	16.130	105.000	15
					16.000	16.330	100.000	16
					18.000	16.690	120.000	17
					20.000	16.810	119.999	18
					22.000	17.040	115.000	19
					24.000	17.300	130.001	20
864	27	11	07	78	26.000	17.540	119.999	21
					28.000	17.790	125.000	22
					30.000	18.090	150.000	23
					32.000	18.370	140.001	24
					34.000	18.600	115.000	25
					36.000	18.860	129.999	26
					38.000	19.110	125.000	27
					40.000	19.350	120.001	28
					42.000	19.560	105.000	29
					44.000	19.780	110.001	30
864	27	11	07	78	46.000	20.030	125.000	31
					48.000	20.260	115.000	32

SURFACE INTERCEPT FOR SEGMT 1 = 14.584

SEG	ZSTART	TSTART	ZEND	TEND	COND. & DCON	GRADIENT & S.D.	HFU & DHF	T AT 100M	KM
1	10.000	15.690	20.000	16.810	6.808 0.000	110.688 9.024	7.536 1.340	25.665	1.675

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFU & DHF	T AT 100M	KM
2	20.000	16.810	48.000	20.260	6.000 0.500	124.607 11.954	7.536 1.340	26.740	1.400

PRECEEDING SEGMENT USED FOR EXTRAPOLATION

LITHOLOGIC LOG

Project: McCoy

864-27

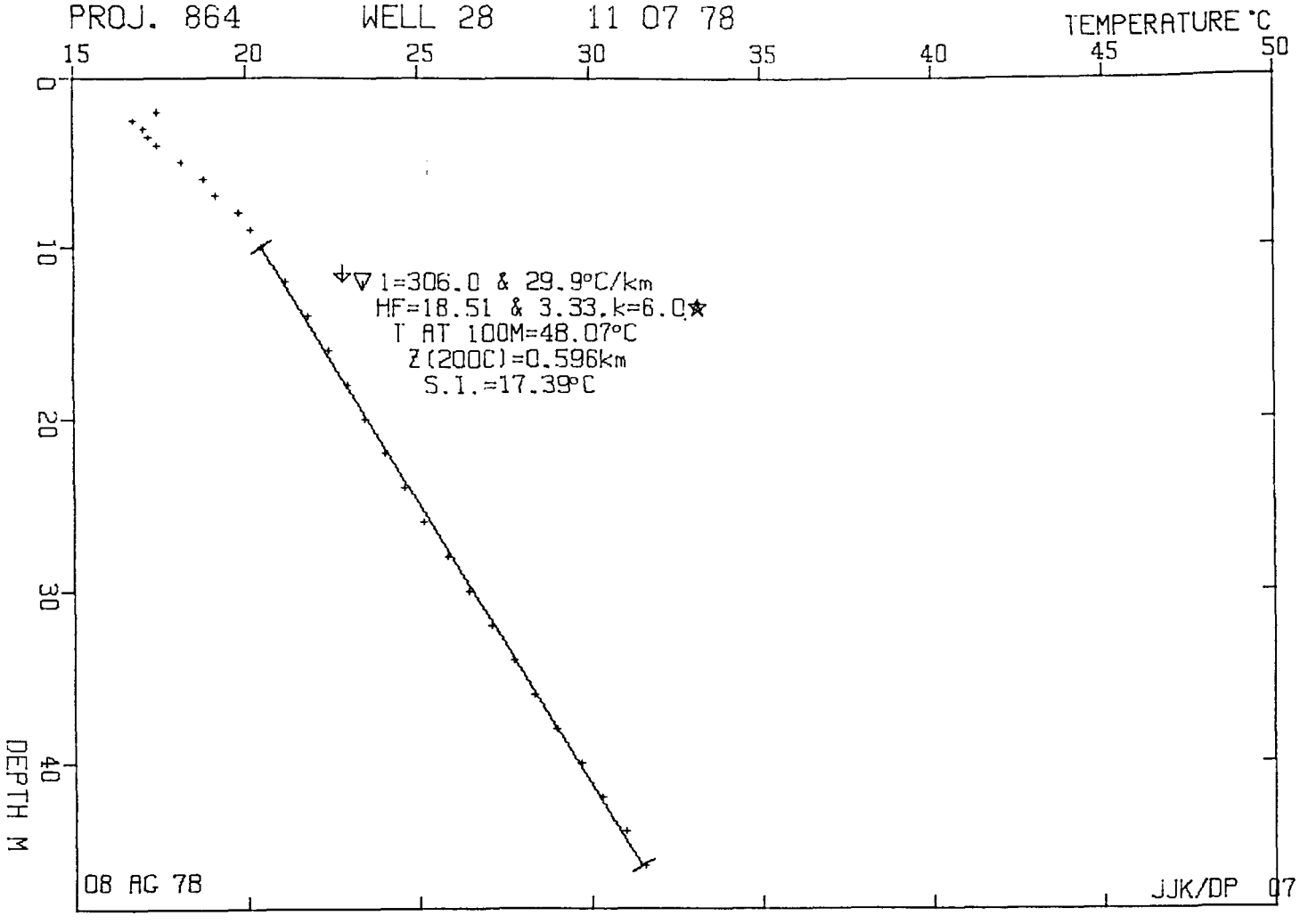
Elevation: 4460 Date Drilled:

NWNW Sec. 12 T23N R39E

Depth (m)	Description
0 - 4	Alluvium.
4 - 20	Weathered pinkish brown crystal tuff.
20 - 48	Pinkish brown crystal tuff.

McCOY, NV
2.4 KM SE HOLE INWALL WELL 2
PROJ. 864 WELL 28 11 07 78

N.LAT 39.875, W.LONG 117.531



ETHERMAL LOG, AMAX EXPLORATION, INC., A.L.LANGE
AG 78

ROJECT: MCCOY, NV

REJ	WELL	DA	MO	YR	WELL TITLE	EDITOR	TERRAIN	LP	LI	ISZ	IST
864		28	11	07 78	2.4 KM SE HOLE INWALL WELL 2	JJK/DP	07 60780.0	0	0	1	1

YCM	XCM	N.LAT	W.LONG	ELEV
22.2000	30.0000	39.8755	117.5308	1389.9

J	SEG START	SEG END	CONDTVTY & STD DEV.	
1	10.000	46.000	6.000	0.500

RECEEDING CONDUCTIVITY USED TO COMPUTE OTHERS
** PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

REJ	WELL	DA	MO	YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
864		28	11	07 78	2.000	17.460	99999.000	1
					2.500	16.760	-1399.994	2
					3.000	17.050	579.987	3
					3.500	17.210	320.007	4
					4.000	17.470	519.989	5
					5.000	18.150	680.008	6
					6.000	18.790	640.000	7
					7.000	19.130	339.996	8
					8.000	19.780	650.009	9
					9.000	20.130	349.991	10
864		28	11	07 78	10.000	20.450	320.007	11
					12.000	21.160	354.996	12
					14.000	21.820	330.002	13
					16.000	22.410	294.998	14
					18.000	22.940	265.000	15
					20.000	23.460	260.002	16
					22.000	24.070	305.000	17
					24.000	24.610	269.997	18
					26.000	25.170	280.007	19
					28.000	25.860	344.994	20
864		28	11	07 78	30.000	26.430	285.004	21
					32.000	27.110	339.996	22
					34.000	27.770	330.002	23
					36.000	28.360	294.998	24
					38.000	29.000	320.007	25
					40.000	29.680	339.996	26
					42.000	30.320	320.000	27
					44.000	30.980	330.002	28
					46.000	31.550	284.996	29

SURFACE INTERCEPT FOR SEGMT 1 = 17.387

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFU & DHF	T AT 100M	KM
1	10.000	20.450	46.000	31.550	6.000 0.500	306.008 29.947	18.510 3.327	48.074	0.596

PRECEEDING SEGMENT USED FOR EXTRAPOLATION

LITHOLOGIC LOG

Project: McCoy

864-28

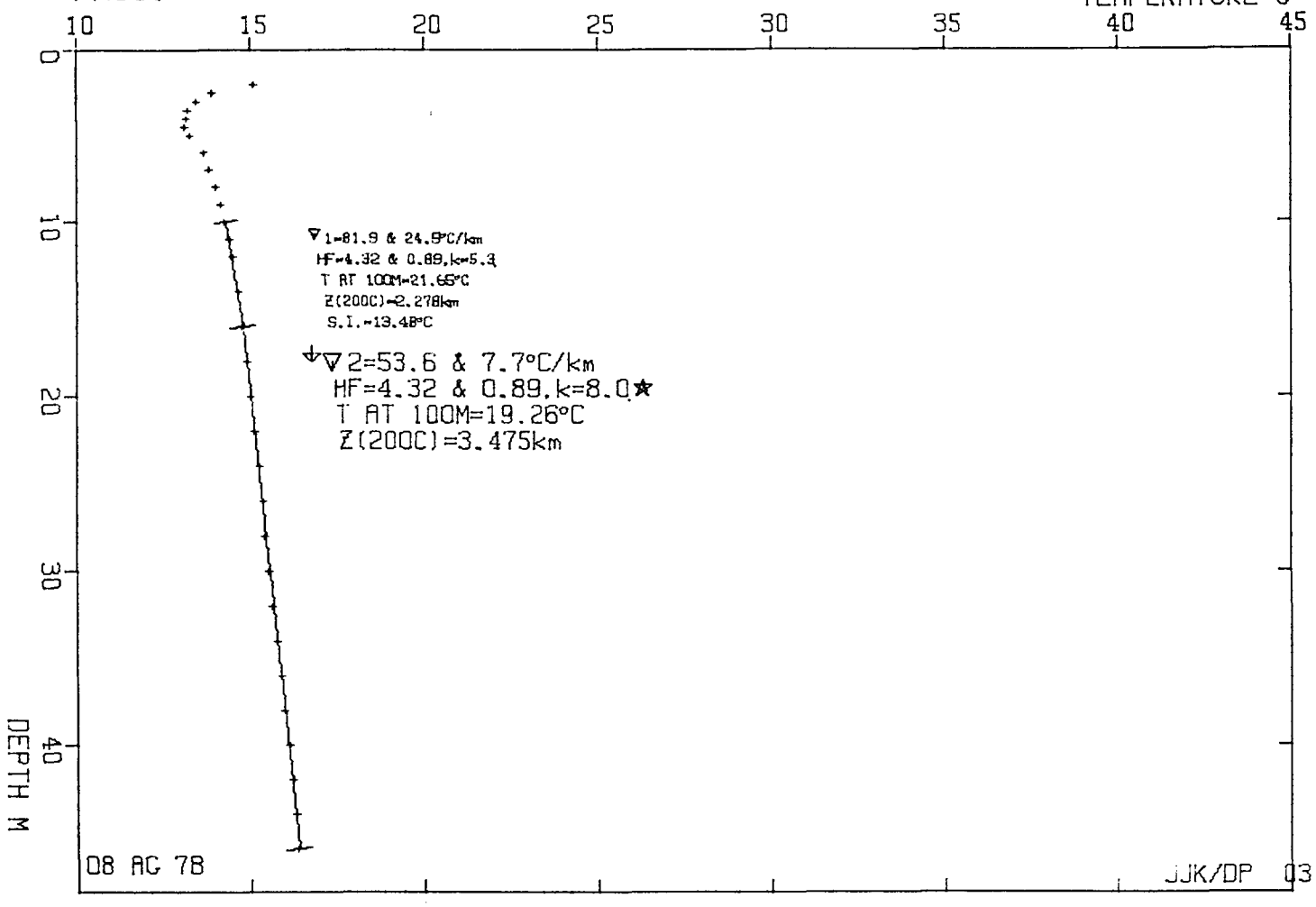
Elevation: 4560 Date Drilled:

SWNW Sec 7 T23N R40E

Depth (m)	Description
0 - 3	Alluvium.
3 - 48	Dense gray limestone.

McCOY, NV
4 KM SE HOLE IN WALL WELL 2
PROJ. 864 WELL 29 11 07 78

N.LAT 39.871, W.LONG 117.506



GEOTHERMAL LOG, AMAX EXPLORATION, INC.,. A.L.LANGE
08 AG 78

PROJECT: MCCOY, NV

PROJ	WELL	DA	MO	YR	WELL TITLE	EDITOR	TERRAIN	LP	LI	ISZ	IST
864	29	11	07	78	4 KM SE HOLE IN WALL WELL 2	JJK/DR	03 60780.0	0	0	1	1

YCM	XCM	N.LAT	W.LONG	ELEV
21.4000	33.4000	39.8710	117.5960	1463.0

J	SEG START	SEG END	CONDTVTY & STD DEV.	
1	10.000	16.000	0.000	0.000
2	16.000	46.000	8.000	0.500

PRECEECING CONDUCTIVITY USED TO COMPUTE OTHERS
*** PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

PROJ	WELL	DA	MO	YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
864	29	11	07	78	2.000	15.120	99999.000	1
					2.500	13.900	-2440.000	2
					3.000	13.460	-880.001	3
					3.500	13.190	-539.999	4
					4.000	13.130	-120.001	5
					4.500	13.110	-39.999	6
					5.000	13.270	320.000	7
					6.000	13.650	380.000	8
					7.000	13.820	170.000	9
					8.000	13.980	160.000	10
864	29	11	07	78	9.000	14.140	160.000	11
					10.000	14.270	130.000	12
					11.000	14.390	120.000	13
					12.000	14.480	90.000	14
					14.000	14.640	80.000	15
					16.000	14.770	65.000	16
					18.000	14.890	60.000	17
					20.000	15.000	55.000	18
					22.000	15.100	50.000	19
					24.000	15.230	65.000	20
864	29	11	07	78	26.000	15.330	50.000	21
					28.000	15.420	45.000	22
					30.000	15.520	50.000	23
					32.000	15.620	50.000	24
					34.000	15.730	55.000	25
					36.000	15.840	55.000	26
					38.000	15.960	60.000	27
					40.000	16.100	69.996	28
					42.000	16.190	44.998	29
					44.000	16.280	45.006	30

864 29 11 07 78 46.000 16.370 44.998 31

URFACE INTERCEPT FOR SEGMT 1 = 13.478

EG	ZSTART	TSTART	ZEND	TEND	COND &	DCON	GRADIENT &	S.D.	HFU &	DHF	T AT 100M	KM
1	10.000	14.270	16.000	14.770	5.279	0.000	81.888	24.543	4.383	0.885	21.649	2.278

EG	ZSTART	TSTART	ZEND	TEND	COND &	DCON	GRADIENT &	S.D.	HFU &	DHF	T AT 100M	KM
2	16.000	14.770	46.000	16.370	8.000	0.500	53.556	7.718	4.383	0.885	19.262	3.475

RECEEDING SEGMENT USED FOR EXTRAPOLATION

LITHOLOGIC LOG

Project: McCoy

864-29

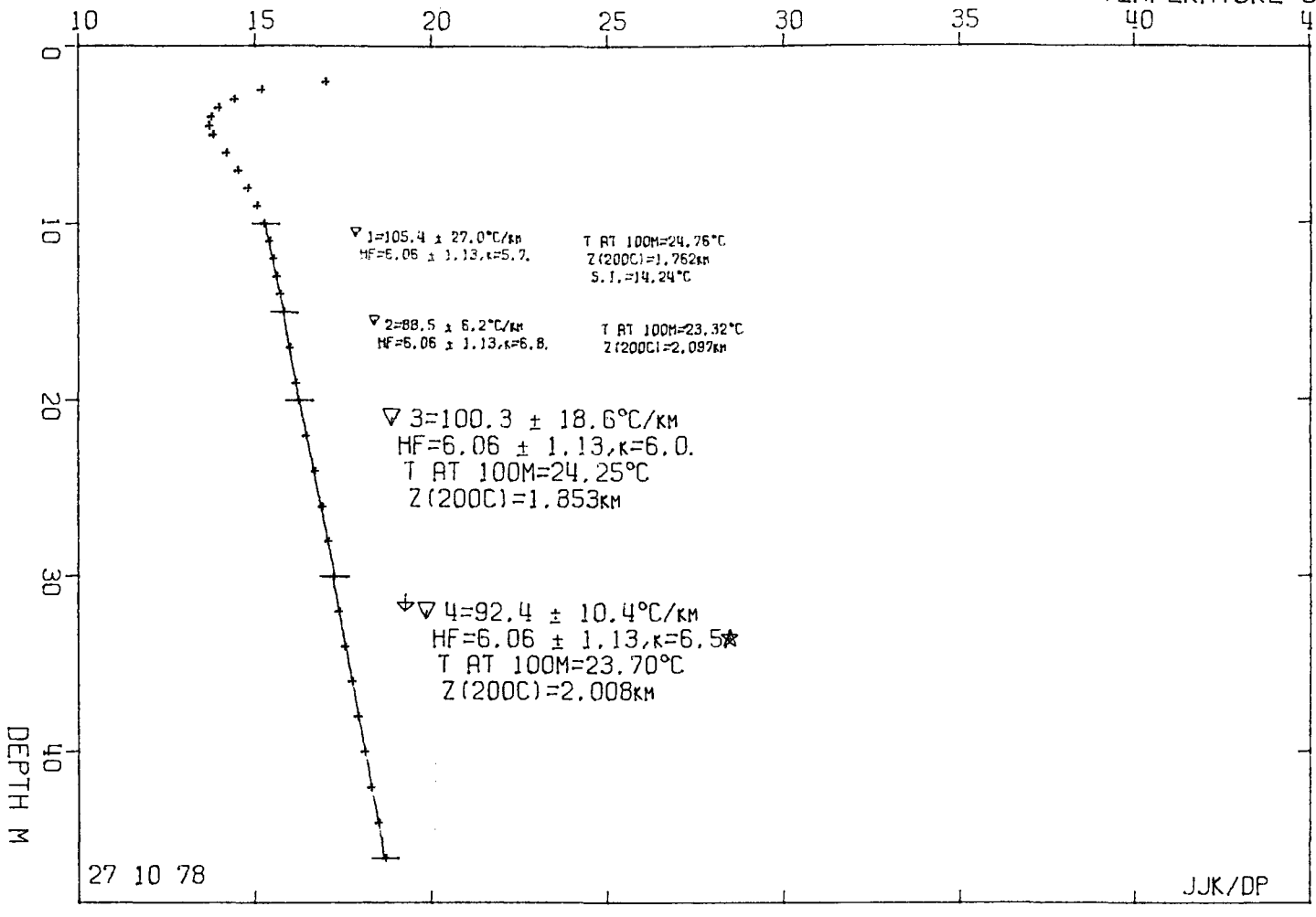
Elevation: 4800 Date Drilled:

SESW Sec. 8 T23N R40E

Depth (m)	Description
0 - 3	Alluvium.
3 - 48	Dark gray limestone - very dense minor oxidation at 34 m.

MCCOY, NV
3.2 KM SSE HOLE IN WALL WELL2
PROJ. 864 WELL 31 11 07 78

N.LAT 39.859, W.LONG 117.539



GEOTHERMAL LOG, AMAX EXPLORATION, INC., A.L.LANGE
11 10 7
PROJECT: MCCOY, NV

PROJ	WELL	DA	MO	YR	WELL TITLE	EDITOR	TERRAIN	LP	LI	ISZ	IST
864	31	11	07	78	3.2 KM SSE HOLE IN WALL WELL2	JJK/DP	03	67.8	0	0	1	1

YCM	XCM	N.LAT	W.LONG	ELEV
19.3000	28.9000	39.8591	117.5389	1438.7

J	SEG START	SEG END	CONDTVTY & STD DEV.	
1	10.000	15.000	0.000	0.000
2	15.000	20.000	0.000	0.000
3	20.000	30.000	0.000	0.000
4	30.000	46.000	6.500	0.500

PRECEEDING CONDUCTIVITY USED TO COMPUTE OTHERS
*** PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

PROJ	WELL	DA	MO	YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
864	31	11	07	78	2.000	17.010	99999.000	1
					2.500	15.190	-3640.000	2
					3.000	14.430	-1520.000	3
					3.500	13.980	-899.998	4
					4.000	13.780	-400.002	5
					4.500	13.720	-119.999	6
					5.000	13.830	220.001	7
					6.000	14.190	359.999	8
					7.000	14.520	330.000	9
					8.000	14.810	290.001	10
864	31	11	07	78	9.000	15.070	260.000	11
					10.000	15.260	189.939	12
					11.000	15.410	150.002	13
					12.000	15.530	119.999	14
					13.000	15.620	90.000	15
					14.000	15.710	90.000	16
					15.000	15.800	90.000	17
					17.000	15.980	90.000	18
					19.000	16.160	90.000	19
					20.000	16.240	79.998	20
864	31	11	07	78	22.000	16.460	110.001	21
					24.000	16.700	119.999	22
					26.000	16.910	105.001	23
					28.000	17.080	84.999	24
					30.000	17.230	75.001	25
					32.000	17.380	74.999	26
					34.000	17.560	90.000	27
					36.000	17.760	100.000	28
					38.000	17.930	84.999	29
					40.000	18.110	90.000	30
864	31	11	07	78	42.000	18.290	90.000	31
					44.000	18.500	105.001	32
					46.000	18.710	105.000	33

SURFACE INTERCEPT FOR SEGMT 1 = 14.237

SEG	ZSTART	TSTART	ZEND	TEND	COND &	DCON	GRADIENT &	S.D.	HFU &	DHF	T AT 100M	KM
1	10.000	15.260	15.000	15.800	5.747	0.000	105.419	26.988	6.059	1.135	24.761	1.762

SEG	ZSTART	TSTART	ZEND	TEND	COND

46.000 18.710 105.000 33

SURFACE INTERCEPT FOR SEGMT 1 = 14.237

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFU & DHF	T AT 100M	KM
1	10.000	15.260	15.000	15.800	5.747 0.000	105.419 26.988	6.059 1.135	24.761	1.762
2	15.000	15.800	20.000	16.240	6.849 0.000	88.467 6.182	6.059 1.135	23.317	2.097
3	20.000	16.240	30.000	17.230	6.042 0.000	100.284 18.562	6.059 1.135	24.250	1.853
4	30.000	17.230	46.000	18.710	6.500 0.500	92.418 10.352	6.059 1.135	23.701	2.008

PRECEEDING SEGMENT USED FOR EXTRAPOLATION

LITHOLOGIC LOG

Project: McCoy

864-31

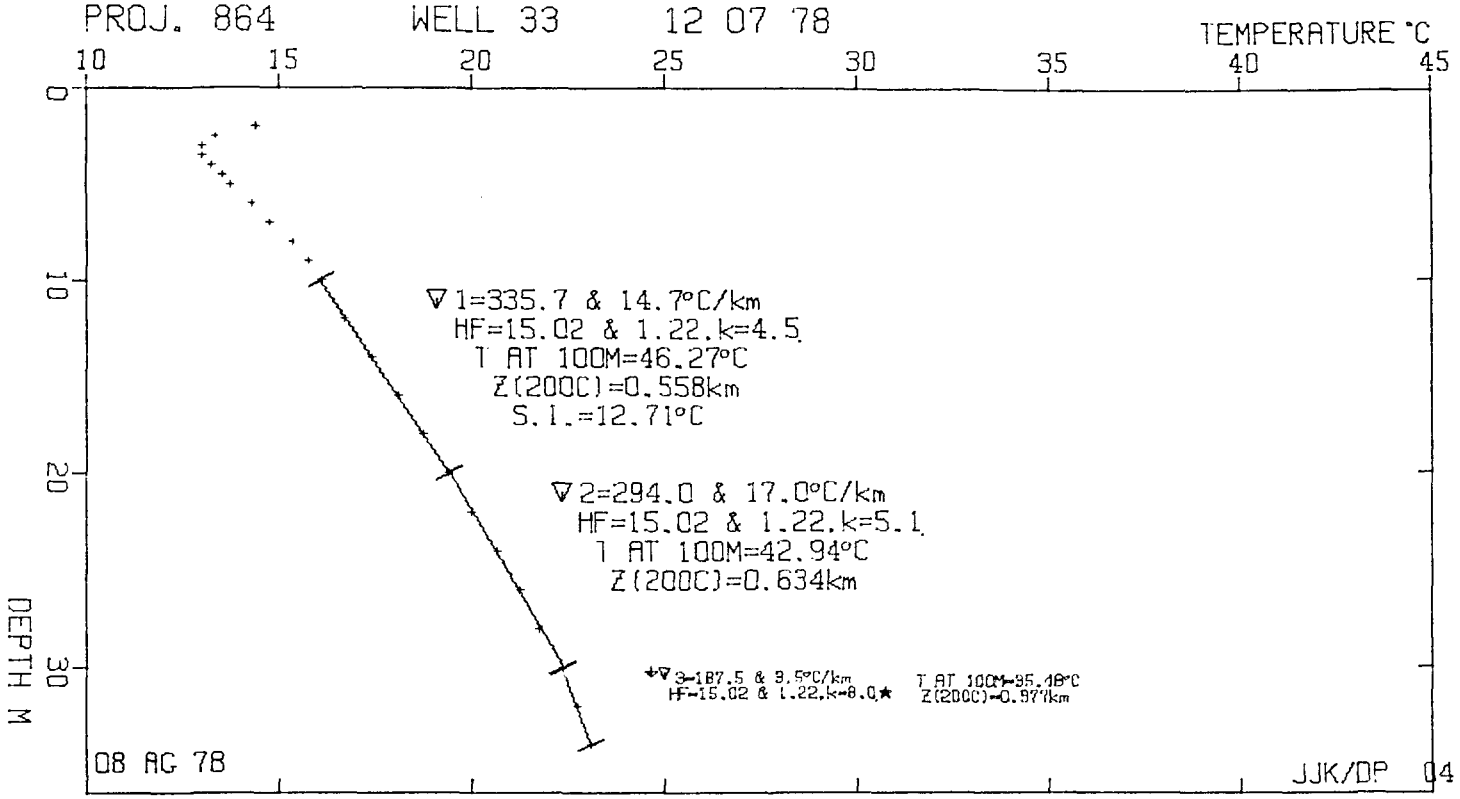
Elevation: 4720 Date Drilled:

NWSE Sec. 13 T23N R39E

Depth (m)	Description
0 - 3	Alluvium.
3 - 15	Weakly welded crystal tuff.
15 - 20	Moderately welded crystal tuff.
20 - 30	Weakly welded crystal tuff with some clay alteration.
30 - 48	Pinkish brown crystal tuff with crystals of biotite and feldspar in well welded matrix.

McCOY, NV
5.5 KM SE HOLE IN WALL WELL 2
PROJ. 864 WELL 33 12 07 78

N.LAT 39.851, W.LONG 117.510



GEOTHERMAL LOG, AMAX EXPLORATION, INC., A.L.LANGE
08 AG 78

PROJECT: MCCOY, NV

PROJ	WELL	DA	MO	YR	WELL TITLE	EDITOR	TERRAIN	LP	LI	ISZ	IST
864	33	12	07	78	5.5 KM SE HOLE IN WALL WELL 2	JJK/DP	04 60780.0	0	0	1	1

YCM	XCM	N.LAT	W.LONG	ELEV
17.9000	32.9000	39.8512	117.5097	1560.6

J	SEG START	SEG END	CONDTVTY & STD DEV.	
1	10.000	20.000	0.000	0.000
2	20.000	30.000	0.000	0.000
3	30.000	34.000	8.000	0.500

PRECEEDING CONDUCTIVITY USED TO COMPUTE OTHERS
*** PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

PROJ	WELL	DA	MO	YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
864	33	12	07	78	2.000	14.390	99999.000	1
					2.500	13.350	-2080.000	2
					3.000	13.000	-699.999	3
					3.500	13.020	39.999	4
					4.000	13.240	440.000	5
					4.500	13.530	580.000	6
					5.000	13.750	440.000	7
					6.000	14.310	560.000	8
					7.000	14.770	460.000	9
					8.000	15.340	570.000	10
864	33	12	07	78	9.000	15.760	420.000	11
					10.000	16.080	319.987	12
					12.000	16.710	315.002	13
					14.000	17.400	345.001	14
					16.000	18.100	349.999	15
					18.000	18.760	330.002	16
					20.000	19.410	324.997	17
					22.000	20.020	305.000	18
					24.000	20.650	315.002	19
					26.000	21.230	290.001	20
864	33	12	07	78	28.000	21.770	269.997	21
					30.000	22.360	294.998	22
					32.000	22.730	185.005	23
					34.000	23.110	189.995	24

SURFACE INTERCEPT FOR SEGMT 1 = 12.708

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFU &	QHF	T AT 100M	KM

1	10.000	16.080	20.000	19.410	4.473	0.000	335.700	14.717	15.017	1.220	46.266	0.558

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFU & DHF	T AT 100M	KM
2	20.000	19.410	30.000	22.360	5.108 0.000	293.992 16.995	15.017 1.220	42.939	0.634

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFU & DHF	T AT 100M	KM
3	30.000	22.360	34.000	23.110	8.000 0.500	187.494 3.528	15.017 1.220	35.485	0.977

PRECEDING SEGMENT USED FOR EXTRAPOLATION

LITHOLOGIC LOG

Project: McCoy

864-33

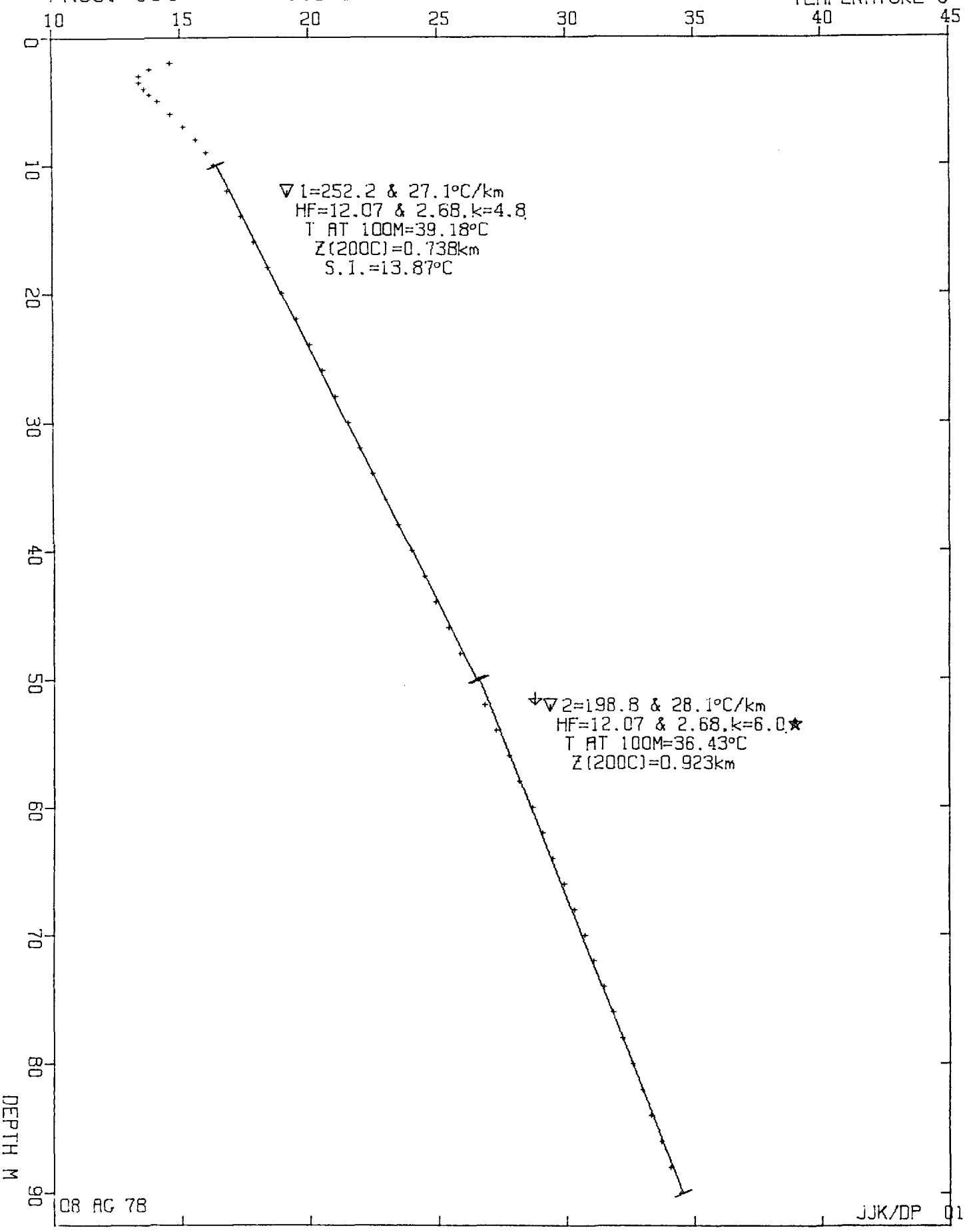
Elevation: 5120 Date Drilled:

NWNW Sec. 20 T23N R40E

Depth (m)	Description
0 - 6	Alluvium.
6 - 27	Pinkish brown crystal tuff.
27 - 37	Mottled gray limestone with veinlets of calcite - considerable hematite stain.

McCOY, NV
2.4 KM NE HOLE IN WALL WELL
PROJ. 864 WELL 34 12 07 78

N.LAT 39.833, W.LONG 117.508



GEOTHERMAL LOG, AMAX EXPLORATION, INC., A.L.LANGE
08 AG 78

PROJECT: MCCOY, NV

PROJ	WELL	DA	MO	YR	WELL TITLE	EDITOR	TERRAIN	LP	LI	ISZ	IST
864	34	12	07	78	2.4 KM NE HOLE IN WALL WELL	JJK/DP	01 60780.0	0	0	1	1

YCM	XCM	N.LAT	W.LONG	ELEV
14.6000	33.1000	39.8325	117.5083	1597.2

J	SEG START	SEG END	CONDTVTY & STD DEV.	
1	10.000	50.000	0.000	0.000
2	50.000	90.000	6.000	0.500

PRECEEDING CONDUCTIVITY USED TO COMPUTE OTHERS
*** PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

PROJ	WELL	DA	MO	YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
864	34	12	07	78	2.000	14.600	99999.000	1
					2.500	13.800	-1600.000	2
					3.000	13.390	-820.000	3
					3.500	13.410	40.001	4
					4.000	13.600	379.999	5
					4.500	13.810	420.000	6
					5.000	14.120	620.001	7
					6.000	14.580	460.000	8
					7.000	15.100	520.000	9
					8.000	15.580	480.000	10
864	34	12	07	78	9.000	15.990	410.000	11
					10.000	16.290	299.993	12
					12.000	16.820	265.000	13
					14.000	17.360	269.997	14
					16.000	17.870	255.005	15
					18.000	18.410	269.997	16
					20.000	18.930	260.002	17
					22.000	19.490	279.999	18
					24.000	20.000	255.005	19
					26.000	20.500	250.000	20
864	34	12	07	78	28.000	21.010	254.997	21
					30.000	21.480	235.001	22
					32.000	21.960	239.998	23
					34.000	22.460	250.000	24
					36.000	22.950	245.003	25
					38.000	23.430	239.998	26
					40.000	23.960	265.000	27
					42.000	24.430	235.001	28
					44.000	24.910	239.998	29
					46.000	25.380	235.001	30

'HERMAL LOG, AMAX EXPLORATION, INC., A.L.LANGE
'G 78

JECT: MCCOY, NV

J	WELL	DA	MO	YR	WELL TITLE	EDITOR	TERRAIN	LP	LI	ISZ	IST
4		34	12	07 78	2.4 KM NE HOLE IN WALL WELL	JJK/DP	01 60780.0	0	8	1	1

YCM	XCM	N.LAT	W.LONG	ELEV
14.6000	33.1000	39.8325	117.5083	1597.2

SEG START	SEG END	CONDTVTY & STD DEV.	
10.000	50.000	0.000	0.000
50.000	90.000	6.000	0.500

CEEDING CONDUCTIVITY USED TO COMPUTE OTHERS
PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

J	WELL	DA	MO	YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
54		34	12	07 78	2.000	14.600	99999.000	1
					2.500	13.800	-1600.000	2
					3.000	13.390	-820.000	3
					3.500	13.410	40.001	4
					4.000	13.600	379.999	5
					4.500	13.810	420.000	6
					5.000	14.120	620.001	7
					6.000	14.580	460.000	8
					7.000	15.100	520.000	9
					8.000	15.580	480.000	10
64		34	12	07 78	9.000	15.990	410.000	11
					10.000	16.290	299.993	12
					12.000	16.820	265.000	13
					14.000	17.360	269.997	14
					16.000	17.870	255.005	15
					18.000	18.410	269.997	16
					20.000	18.930	260.002	17
					22.000	19.490	279.999	18
					24.000	20.000	255.005	19
					26.000	20.500	250.000	20
864		34	12	07 78	28.000	21.010	254.997	21
					30.000	21.480	235.001	22
					32.000	21.960	239.998	23
					34.000	22.460	250.000	24
					36.000	22.950	245.003	25
					38.000	23.430	239.998	26
					40.000	23.960	265.000	27
					42.000	24.430	235.001	28
					44.000	24.910	239.998	29
					46.000	25.380	235.001	30

864	34 12 07 78	48.000	25,860	239,998	31
		50.000	26,570	355.003	32
		52.000	26,790	110.001	33
		54.000	27,250	230.003	34
		56.000	27,730	239.998	35
		58.000	28,170	220.001	36
		60.000	28,630	229.996	37
		62.000	29,050	209.999	38
		64.000	29,470	209.999	39
		66.000	29,910	220.001	40
864	34 12 07 78	68.000	30,310	200.005	41
		70.000	30,680	184.998	42
		72.000	31,060	190.002	43
		74.000	31,430	184.998	44
		76.000	31,780	175.003	45
		78.000	32,160	189.995	46
		80.000	32,570	205.002	47
		82.000	32,950	190.002	48
		84.000	33,290	169.998	49
		86.000	33,690	199.997	50
864	34 12 07 78	88.000	34,070	190.002	51
		90.000	34,440	184.998	52

SURFACE INTERCEPT FOR SEGMT 1 = 13.866

SEG	ZSTART	TSTART	ZEND	TEND	COND &	DCON	GRADIENT &	S.D.	HFU &	DHF	T AT 100M	KM
1	10.000	16.290	50.000	26.570	4.787	0.000	252.179	27.082	12.071	2.686	39.179	0.738

SEG	ZSTART	TSTART	ZEND	TEND	COND &	DCON	GRADIENT &	S.D.	HFU &	DHF	T AT 100M	KM
2	50.000	26.570	90.000	34.440	6.000	0.500	198.844	28.099	12.071	2.686	36.428	0.923

PRECEEDING SEGMENT USED FOR EXTRAPOLATION

LITHOLOGIC LOG

Project: McCoy

864-34

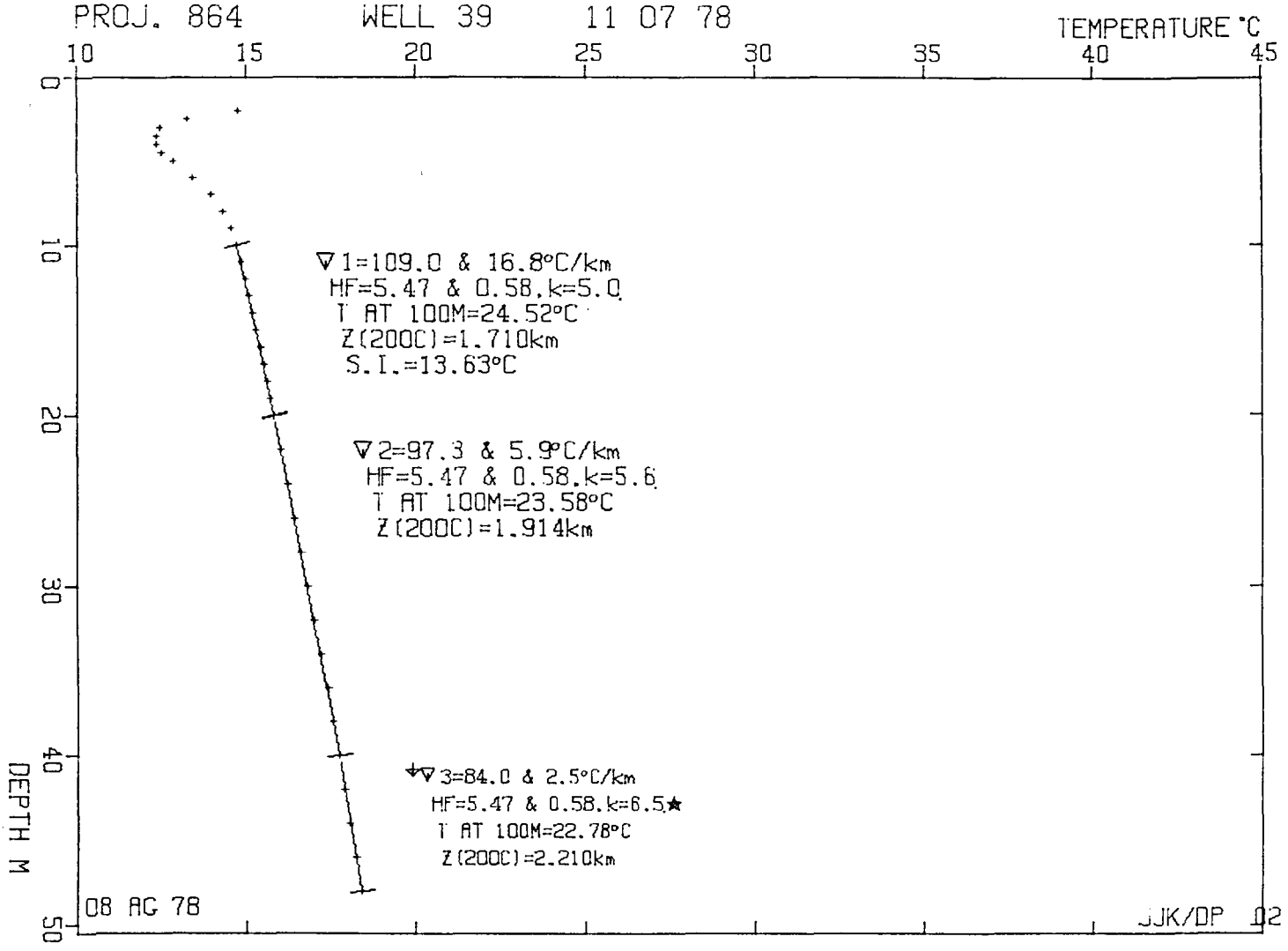
Elevation: 5240 Date Drilled:

SENW Sec. 29 T23N R40E

Depth (m)	Description
0 - 6	Alluvium.
6 - 50	White crystal tuff - weakly welded.
50 - 90	Gray crystal tuff - welded to considerable degree.

McCOY, NV
1 KM N HOLE IN WALL WELL
PROJ. 864 WELL 39 11 07 78

N.LAT 39.824, W.LONG 117.531



GEOTHERMAL LOG, AMAX EXPLORATION, INC., A.L.LANGE
08 AG 78

PROJECT: MCCOY, NV

PROJ	WELL	DA	MO	YR	WELL TITLE	EDITOR	TERRAIN	LP	LI	ISZ	IST
864	39	11	07	78	1 KM N HOLE IN WALL WELL	JJK/DP	02 60780.0	0	8	1	1

YCM	XCM	N.LAT	W.LONG	ELEV
19.1000	30.0000	39.8240	117.5310	1572.8

J	SEG START	SEG END	CONDTVTY & STD DEV.	
1	10.000	20.000	0.000	0.000
2	20.000	40.000	0.000	0.000
3	40.000	48.000	6.500	0.500

PRECEEDING CONDUCTIVITY USED TO COMPUTE OTHERS
*** PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

PROJ	WELL	DA	MO	YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
864	39	11	07	78	2.000	14.760	99999.000	1
					2.500	13.230	-3060.000	2
					3.000	12.460	-1540.001	3
					3.500	12.350	-219.999	4
					4.000	12.350	0.000	5
					4.500	12.500	300.001	6
					5.000	12.840	679.999	7
					6.000	13.420	580.000	8
					7.000	13.960	540.000	9
					8.000	14.320	360.001	10
864	39	11	07	78	9.000	14.540	220.000	11
					10.000	14.690	150.000	12
					11.000	14.840	150.000	13
					12.000	14.940	100.000	14
					13.000	15.060	120.000	15
					14.000	15.160	100.000	16
					15.000	15.270	110.000	17
					16.000	15.380	110.000	18
					17.000	15.480	100.000	19
					18.000	15.600	120.000	20
864	39	11	07	78	19.000	15.690	90.000	21
					20.000	15.800	110.000	22
					22.000	16.000	100.000	23
					24.000	16.200	99.998	24
					26.000	16.400	99.998	25
					28.000	16.600	99.998	26
					30.000	16.800	99.998	27
					32.000	16.980	90.004	28
					34.000	17.190	104.996	29

		36.000	17.380	95.001	30
864	39 11 07 78	38.000	17.550	84.999	31
		40.000	17.740	95.001	32
		42.000	17.900	80.002	33
		44.000	18.070	84.999	34
		46.000	18.240	84.999	35
		48.000	18.410	84.999	36

SURFACE INTERCEPT FOR SEGMT 1 = 13.629

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFU & DHF	T AT 100M	KM
1	10.000	14.690	20.000	15.800	5.020 0.000	109.004 16.766	5.472 0.583	24.520	1.710

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFU & DHF	T AT 100M	KM
2	20.000	15.800	40.000	17.740	5.626 0.000	97.260 5.874	5.472 0.583	23.576	1.914

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFU & DHF	T AT 100M	KM
3	40.000	17.740	48.000	18.410	6.500 0.500	83.984 2.513	5.472 0.583	28.777	2.210

PRECEECING SEGMENT USED FOR EXTRAPOLATION

LITHOLOGIC LOG

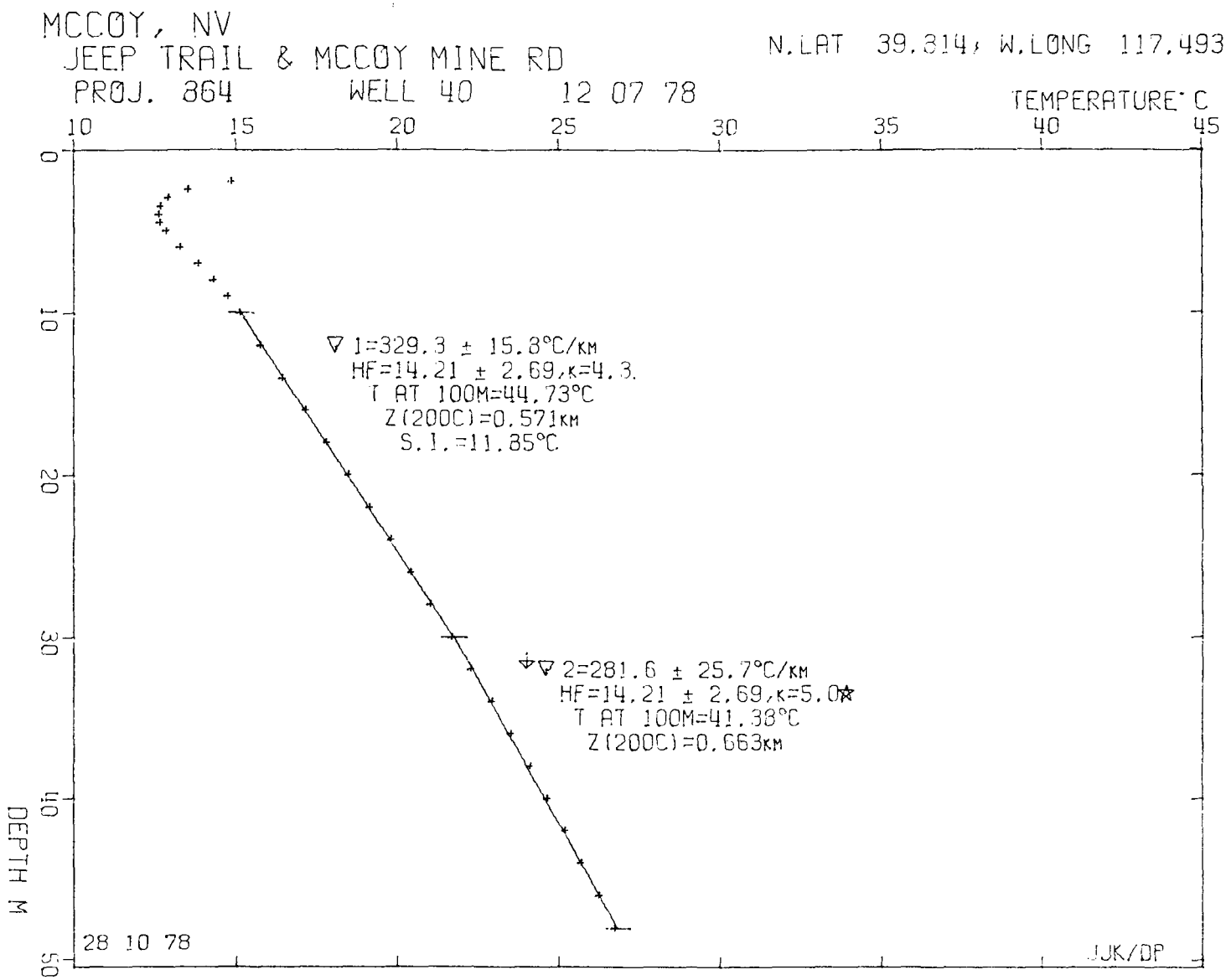
Project: McCoy

864-39

Elevation: 5160 Date Drilled:

NWNW Sec. 31 T23N R40E

Depth (m)	Description
0 - 6	Alluvium.
6 - 20	Weathered pinkish brown crystal tuff.
20 - 40	Gray, somewhat iron stained crystal tuff with crystals of biotite and feldspar in a matrix of welled ash.
40 - 48	Pinkish brown crystal tuff - moderately welded matrix.


MCCOY, NV
JEEP TRAIL & MCCOY MINE RD
PROJ. 864 WELL 40 12 07 78
N.LAT 39.314, W.LONG 117.493
TEMPERATURE C
10
15
20
25
30
35
40
45
0
10
20
30
40
50
DEPTH M
▽ 1=329.3 ± 15.8°C/KM
HF=14.21 ± 2.69,K=4.3.
T AT 100M=44.73°C
Z(200C)=0.571KM
S.I.=11.85°C
▽ 2=281.6 ± 25.7°C/KM
HF=14.21 ± 2.69,K=5.0
T AT 100M=41.38°C
Z(200C)=0.663KM
28 10 78
JJK/DP

PROJECT: [redacted]

PROJ	WELL	DA	MO	YR	WELL TITLE	EDITOR	DRL DATE	LP	LI	ISZ	IST
864	40	1[redacted]	07	78	JEEP TRAIL & MCCOY MINE RD	JJK/DP	01 06 78	1	0	0	0

YCO	XCO	N.LAT	W.LONG	ELEV
29.*000	2.5000	39.8140	117.4930	1760.8

J	DEG STA 1	STA END	CONDUCTIVITY & STD DEV.	
1	10.000	30.000	0.000	0.000
2	30.000	48.000	5.000	0.500

PRECEEDING CONDUCTIVITY USED TO COMPUTE OTHERS
*** PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

PROJ	WELL	DA	MO	YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
864	40	1[redacted]	07	78	2.000	14.870	99999.000	1
					2.500	13.520	-2680.000	2
					3.000	12.920	-1220.001	3
					3.500	12.690	-459.999	4
					4.000	12.640	-99.998	5
					4.500	12.680	79.998	6
					5.000	12.860	360.001	7
					6.000	13.280	420.000	8
					7.000	13.840	559.999	9
					8.000	14.290	450.001	10
864	40	1[redacted]	07	78	9.000	14.740	450.001	11
					10.000	15.100	359.999	12
					12.000	15.760	330.000	13
					14.000	16.440	340.000	14
					16.000	17.160	360.001	15
					18.000	17.800	320.000	16
					20.000	18.480	340.000	17
					22.000	19.140	330.000	18
					24.000	19.790	324.999	19
					26.000	20.410	310.001	20
864	40	1[redacted]	07	78	28.000	21.020	304.998	21
					30.000	21.680	330.001	22
					32.000	22.270	295.000	23
					34.000	22.920	325.001	24
					36.000	23.520	299.999	25
					38.000	24.110	295.000	26
					40.000	24.650	270.000	27
					42.000	25.190	270.000	28
					44.000	25.700	254.999	29
					46.000	26.260	280.001	30
864	40	1[redacted]	07	78	48.000	26.740	240.000	31

SURFACE INTERCEPT FOR SEGMT 1 = 11.848

SEG	ZSTART	TSTART	ZEND	TEND	COND	& DCON	GRADIENT	& S.D.	HFU	& DHF	T AT 100M	KM
1	10.000	15.100	30.000	21.680	4.314	0.000	329.315	15.780	14.207	2.694	44.732	0.571

SEG	ZSTART	TSTART	ZEND	TEND	COND	& DCON	GRADIENT	& S.D.	HFU	& DHF	T AT 100M	KM
2	30.000	21.680	48.000	26.740	5.000	0.500	281.376	25.717	14.207	2.694	41.382	0.663

PRECEEDING SEGMENT USED FOR EXTRAPOLATION

LITHOLOGIC LOG

Project: McCoy

864-40

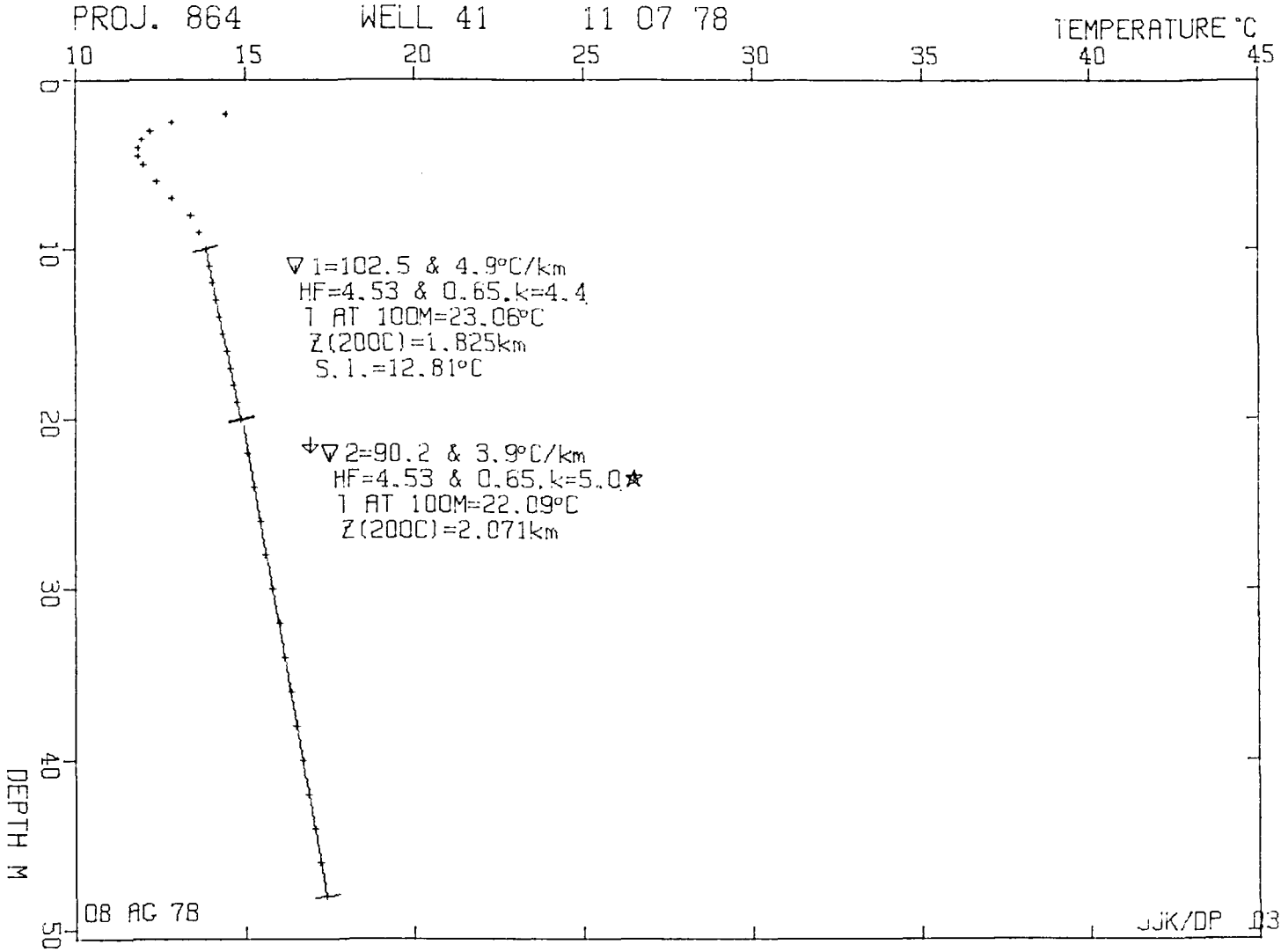
Elevation: 5580 Date Drilled:

SWSW Sec. 33 T23N R40E

Depth (m)	Description
0 - 6	Alluvium.
6 - 30	Pinkish brown to red brown crystal tuff with crystals of feldspar and biotite, some fragments of pumice or vitrophyre in a welded matrix.
30 - 48	Gray crystal tuff - moderately welded.

McCOY, NV
1 KM S HOLE IN WALL WELL
PROJ. 864 WELL 41 11 07 78

N.LAT 39.807, W.LONG 117.531



GEOTHERMAL LOG, AMAX EXPLORATION, INC., A.L.LANGE
08 AG 78

PROJECT: MCCOY, NV

PROJ	WELL	DA	MO	YR	WELL TITLE	EDITOR	TERRAIN	LP	LI	ISZ	IST
864	41	11	07	78	1 KM S HOLE IN WALL WELL	JJK/DP	03 60780.0	0	0	1	1

YCM	XCM	N.LAT	W.LONG	ELEV
10.1000	30.0000	39.8071	117.5310	1658.1

J	SEG START	SEG END	CONDTVTY & STD DEV.	
1	10.000	20.000	0.000	0.000
2	20.000	48.000	5.000	0.500

PRECEECING CONDUCTIVITY USED TO COMPUTE OTHERS
*** PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

PROJ	WELL	DA	MO	YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
864	41	11	07	78	2.000	14.430	99999.000	1
					2.500	12.860	-3140.000	2
					3.000	12.200	-1320.000	3
					3.500	11.960	-480.001	4
					4.000	11.860	-199.999	5
					4.500	11.860	0.000	6
					5.000	12.000	280.001	7
					6.000	12.400	400.000	8
					7.000	12.860	460.000	9
					8.000	13.400	540.000	10
864	41	11	07	78	9.000	13.650	250.000	11
					10.000	13.830	180.000	12
					11.000	13.940	110.000	13
					12.000	14.050	110.000	14
					13.000	14.150	100.000	15
					14.000	14.250	100.000	16
					15.000	14.350	99.999	17
					16.000	14.450	100.000	18
					17.000	14.560	110.000	19
					18.000	14.660	100.000	20
864	41	11	07	78	19.000	14.760	99.999	21
					20.000	14.860	100.000	22
					22.000	15.060	100.000	23
					24.000	15.250	95.000	24
					26.000	15.430	90.000	25
					28.000	15.610	90.000	26
					30.000	15.790	90.000	27
					32.000	15.980	95.000	28
					34.000	16.160	89.994	29
					36.000	16.340	90.004	30

864	41 11 07 78	38.000	16.510	84.999	31
		40.000	16.690	89.996	32
		42.000	16.870	90.004	33
		44.000	17.050	89.996	34
		46.000	17.220	84.999	35
		48.000	17.400	90.004	36

SURFACE INTERCEPT FOR SEGMT 1 = 12.813

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFU & DHP	T AT 100M	KM
1	10.000	13.830	20.000	14.860	4.419 0.000	102.547 4.854	4.532 0.648	23.064	1.825

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFU & DHP	T AT 100M	KM
2	20.000	14.860	48.000	17.400	5.000 0.500	90.245 3.883	4.532 0.648	22.093	2.071

PRECEEDING SEGMENT USED FOR EXTRAPOLATION

LITHOLOGIC LOG

Project: McCoy

864-41

Elevation: 5440

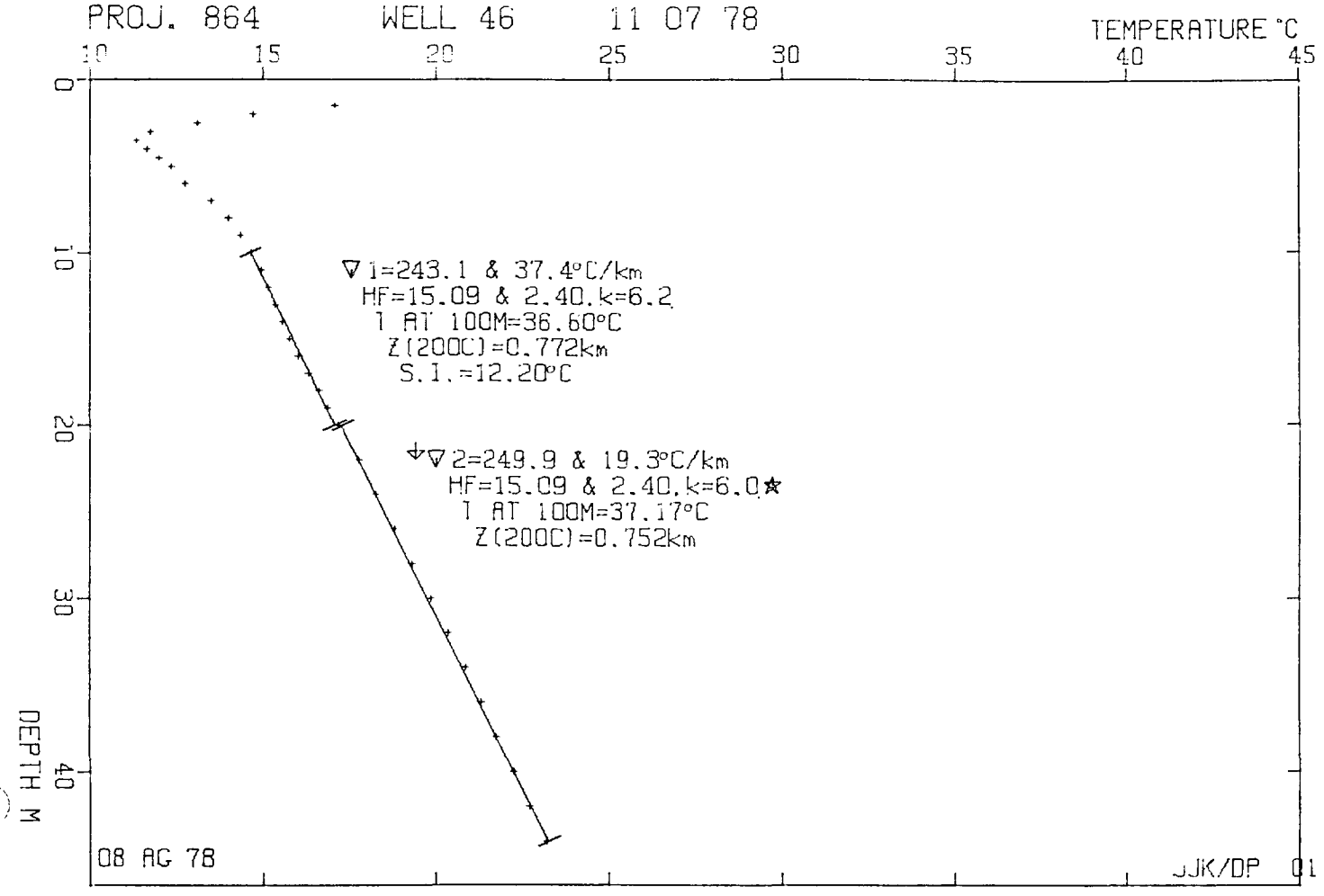
Date Drilled:

NWNW Sec. 6 T22N R40E

Depth (m)	Description
0 - 10	Alluvium.
10 - 20	Weathered pinkish brown crystal tuff.
20 - 48	Pinkish brown crystal tuff.

McCOY, NV
2.5 KM SSE HOLE IN WALL WELL
PROJ. 864 WELL 46 11 07 78

N.LAT 39.793, W.LONG 117.517



GEOTHERMAL LOG, AMAX EXPLORATION, INC., A.L.LANGE
08 AG 78

PROJECT: MCCOY, NV

PROJ	WELL	DA	MO	YR	WELL TITLE	EDITOR	TERRAIN	LP	LI	ISZ	IST
864	46	11	07	78	2.5 KM SSE HOLE IN WALL WELL	JJK/DP	01 60780.0	C	0	1	1

YCM	XCM	N.LAT	W.LONG	ELEV
7.6000	31.9000	39.7930	117.5172	1694.7

J	SEG START	SEG END	CONDTVTY & STD DEV.	
1	10.000	20.000	0.000	0.000
2	20.000	44.000	6.000	0.500

PRECEEDING CONDUCTIVITY USED TO COMPUTE OTHERS
*** PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

PROJ	WELL	DA	MO	YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
864	46	11	07	78	1.500	17.040	99999.000	1
					2.000	14.700	-4679.988	2
					2.500	13.080	-3240.000	3
					3.000	11.770	-2620.001	4
					3.500	11.350	-840.000	5
					4.000	11.650	600.000	6
					4.500	11.980	660.000	7
					5.000	12.360	760.000	8
					6.000	12.760	400.000	9
					7.000	13.480	720.000	10
864	46	11	07	78	8.000	14.000	520.000	11
					9.000	14.350	350.000	12
					10.000	14.670	320.000	13
					11.000	14.930	260.000	14
					12.000	15.140	210.000	15
					13.000	15.350	210.000	16
					14.000	15.560	210.000	17
					15.000	15.760	200.000	18
					16.000	16.020	259.990	19
					17.000	16.290	270.004	20
864	46	11	07	78	18.000	16.580	289.993	21
					19.000	16.850	270.004	22
					20.000	17.150	300.003	23
					22.000	17.730	290.001	24
					24.000	18.240	254.997	25
					26.000	18.790	275.002	26
					28.000	19.320	265.000	27
					30.000	19.840	260.002	28
					32.000	20.340	250.000	29
					34.000	20.830	244.995	30

864	76 11 07 78	36.000	21.300	235.001	31
		38.000	21.750	225.006	32
		40.000	22.250	250.000	33
		42.000	22.710	229.996	34
		44.000	23.180	235.001	35

SURFACE INTERCEPT FOR SEGMT 1 = 12.199

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFU & DHF	T AT 100M	KM
1	10.000	14.470	20.000	17.150	6.207 0.000	243.089 37.418	15.088 2.409	36.597	0.772

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFU & DHF	T AT 100M	KM
2	20.000	17.150	44.000	23.180	6.000 0.500	249.860 19.258	15.088 2.409	37.172	0.752

PRECEEDING SEGMENT USED FOR EXTRAPOLATION

LITHOLOGIC LOG

Project: McCoy

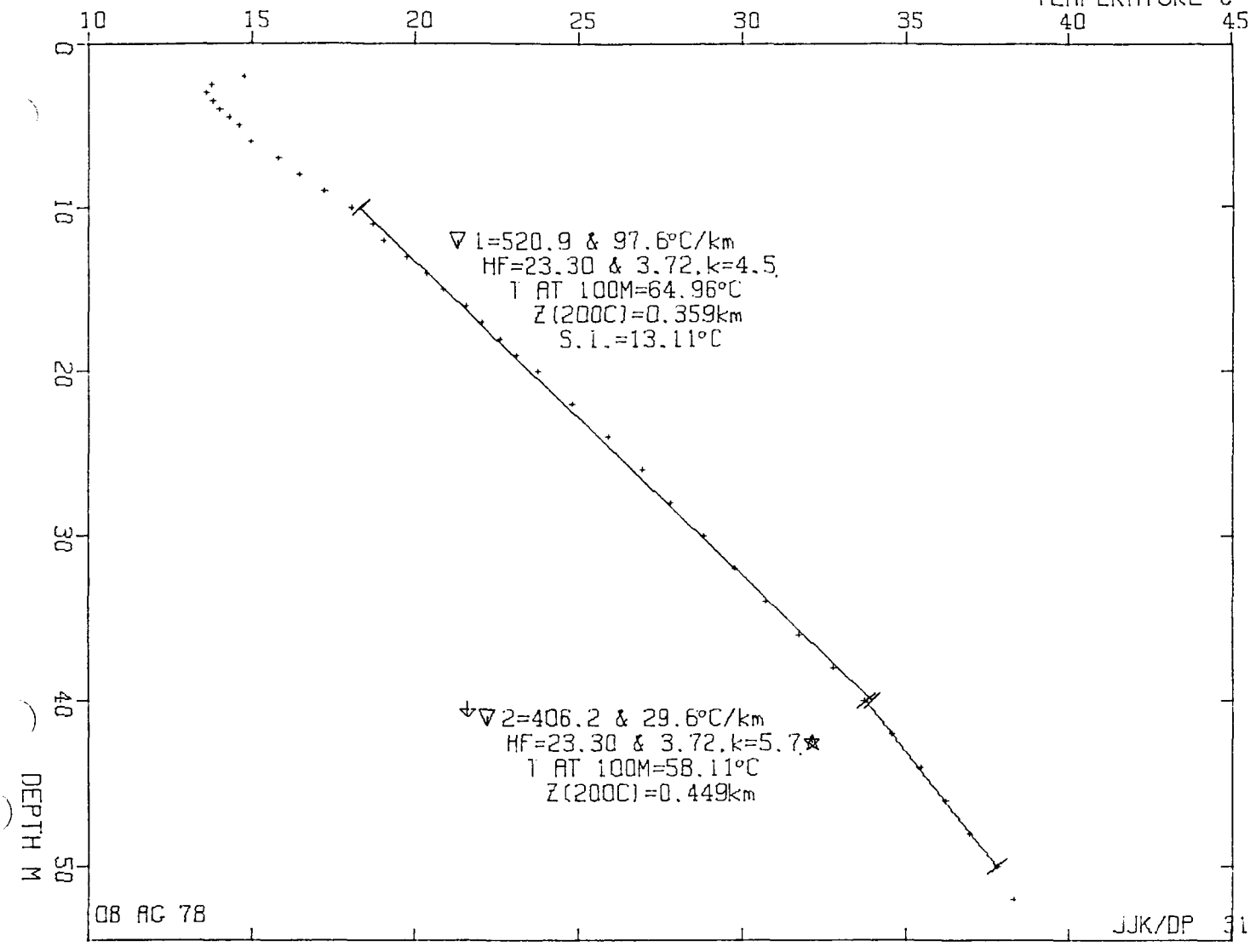
864-46

Elevation: 5560 Date Drilled:

NENE Sec. 7 T22N R40E

Depth (m)	Description
0 - 3	Alluvium.
3 - 48	Red brown crystal tuff with considerable vitrophyre fragments.

McCOY, NV
4 KM SE HOLE IN WALL WELL
PROJ. 864 WELL 47 11 07 78
N.LAT 39.785, W.LONG 117.500



GEOTHERMAL LOG, AMAX EXPLORATION, INC., A.L.LANGE
08 AG 78

PROJECT: MCCOY, NV

PROJ	WELL	DA	MO	YR	WELL TITLE	EDITOR	TERRAIN	LP	LI	ISZ	IST
864	47	11	07	78	4 KM SE HOLE IN WALL WELL	JJK/DP	31 50780.0	0	0	1	1

YCM	XCM	N.LAT	W.LONG	ELEV
4.2500	34.2500	39.7853	117.5001	1767.0

J	SEG START	SEG END	CONDTVTY	& STD DEV.
1	10.000	40.000	0.000	0.000
2	40.000	50.000	5.700	0.500

PRECEEDING CONDUCTIVITY USED TO COMPUTE OTHERS
*** PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

PROJ	WELL	DA	MO	YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
864	47	11	07	78	2.000	14.750	99999.000	1
					2.500	13.750	-2000.000	2
					3.000	13.580	-340.000	3
					3.500	13.810	459.999	4
					4.000	14.000	380.001	5
					4.500	14.280	560.000	6
					5.000	14.620	680.000	7
					6.000	14.950	330.000	8
					7.000	15.790	840.000	9
					8.000	16.470	679.986	10
864	47	11	07	78	9.000	17.180	710.007	11
					10.000	18.040	860.001	12
					11.000	18.680	640.000	13
					12.000	19.030	350.006	14
					13.000	19.770	739.990	15
					14.000	20.360	589.996	16
					15.000	20.830	470.001	17
					16.000	21.560	730.011	18
					17.000	22.070	509.995	19
					18.000	22.620	550.003	20
864	47	11	07	78	19.000	23.120	500.000	21
					20.000	23.770	649.994	22
					22.000	24.790	510.002	23
					24.000	25.880	544.998	24
					26.000	26.970	544.998	25
					28.000	27.780	405.007	26
					30.000	28.800	509.995	27
					32.000	29.730	465.004	28
					34.000	30.720	494.995	29
					36.000	31.720	500.000	30

864	47 11 07 78	38.000	32.730	505.005	31
		40.000	33.710	489.998	32
		42.000	34.550	419.998	33
		44.000	35.430	440.002	34
		46.000	36.220	394.997	35
		48.000	36.950	365.006	36
		50.000	37.800	424.996	37
		52.000	38.320	260.002	38

SURFACE INTERCEPT FOR SEGMT 1 = 13.108

SEG	ZSTART	TSTART	ZEND	TEND	COND &	DCON	GRADIENT &	S.D.	HFU &	DHF	T AT 100M	KM
1	10.000	18.040	40.000	33.710	4.473	0.000	520.885	97.556	23.300	3.719	64.963	0.359

SEG	ZSTART	TSTART	ZEND	TEND	COND &	DCON	GRADIENT &	S.D.	HFU &	DHF	T AT 100M	KM
2	40.000	33.710	50.000	37.800	5.700	0.500	406.177	29.620	23.300	3.719	58.109	0.449

PRECEEDING SEGMENT USED FOR EXTRAPOLATION

LITHOLOGIC LOG

Project: McCoy

864-47

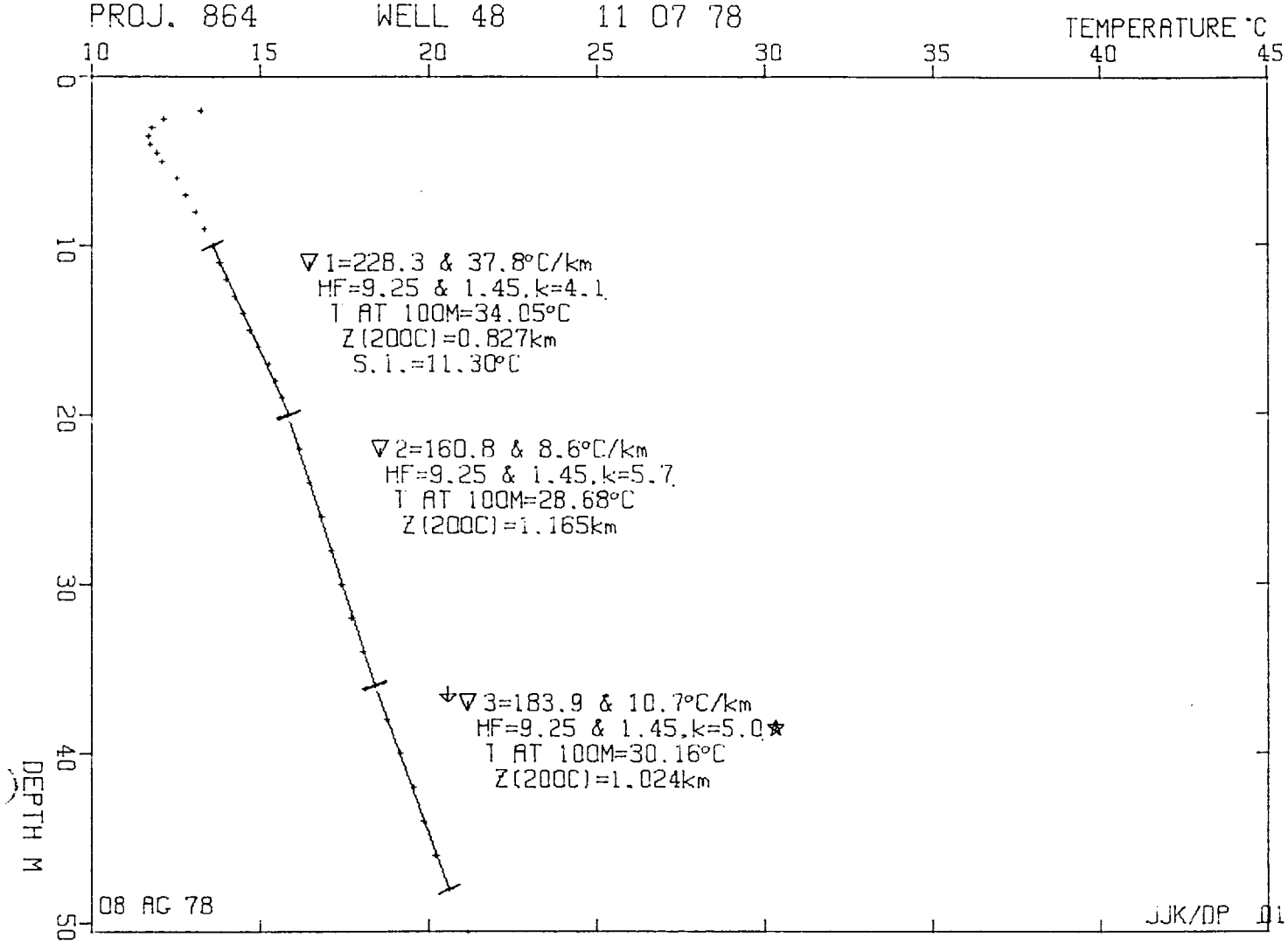
Elevation: 5800 Date Drilled:

NESE Sec. 8 T22N R40E

Depth (m)	Description
0 - 3	Alluvium.
3 - 40	Reddish brown crystal tuff - weathered and slightly altered to clays - may only reflect devitrification of glass.
40 - 50	Crystal tuff.

McCOY, NV
NEW PASS RANGE NEAR CO LINE
PROJ. 864 WELL 48 11 07 78

N.LAT 39.786, W.LONG 117.487



GEOTHERMAL LOG, AMAX EXPLORATION, INC., A.L.LANGE
08 AG 78

PROJECT: MCCOY, NV

PROJ	WELL	DA	MO	YR	WELL TITLE	EDITOR	TERRAIN	LP	LI	ISZ	IST
864	48	11	07	78	NEW PASS RANGE NEAR CO LINE	JJK/DP	01 60780.0	0	0	1	1

YCM	XCM	N.LAT	W.LONG	ELEV
16.5000	4.7000	39.7858	117.4868	1773.9

J	SEG START	SEG END	CONDTVTY & STD DEV.	
1	10.000	20.000	0.000	0.000
2	20.000	36.000	0.000	0.000
3	36.000	48.000	5.000	0.500

PRECEEDING CONDUCTIVITY USED TO COMPUTE OTHERS
*** PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

PROJ	WELL	DA	MO	YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
864	48	11	07	78	2.000	13.270	99999.000	1
					2.500	12.140	-2260.000	2
					3.000	11.820	-640.000	3
					3.500	11.710	-220.001	4
					4.000	11.770	120.001	5
					4.500	11.930	320.000	6
					5.000	12.120	380.001	7
					6.000	12.530	410.000	8
					7.000	12.820	290.000	9
					8.000	13.090	270.000	10
864	48	11	07	78	9.000	13.350	260.000	11
					10.000	13.590	240.000	12
					11.000	13.780	190.001	13
					12.000	14.020	240.000	14
					13.000	14.250	230.001	15
					14.000	14.500	250.000	16
					15.000	14.720	219.999	17
					16.000	14.960	240.000	18
					17.000	15.240	280.001	19
					18.000	15.430	190.000	20
864	48	11	07	78	19.000	15.640	210.000	21
					20.000	15.790	150.001	22
					22.000	16.130	169.995	23
					24.000	16.460	165.001	24
					26.000	16.790	165.001	25
					28.000	17.080	144.997	26
					30.000	17.410	165.001	27
					32.000	17.720	154.999	28
					34.000	18.050	165.001	29

		36.000	18,390	170.006	30
864	48 11 07 78	38.000	18,750	180.000	31
		40.000	19,140	195.000	32
		42.000	19,530	195.000	33
		44.000	19,870	169.998	34
		46.000	20,220	174.995	35
		48.000	20,600	190.002	36

SURFACE INTERCEPT FOR SEGMT 1 = 11.296

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFU & DHF	T AT 100M	KM
1	10.000	13.590	20.000	15.790	4.051 0.000	228.279 37.838	9.247 1.454	34.052	0.827

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFU & DHF	T AT 100M	KM
2	20.000	15.790	36.000	18.390	5.750 0.000	160.821 8.641	9.247 1.454	28.683	1.165

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFU & DHF	T AT 100M	KM
3	36.000	18.390	48.000	20.600	5.000 0.500	183.868 10.691	9.247 1.454	30.161	1.024

PRECEEDING SEGMENT USED FOR EXTRAPOLATION

LITHOLOGIC LOG

Project: McCoy

864-48

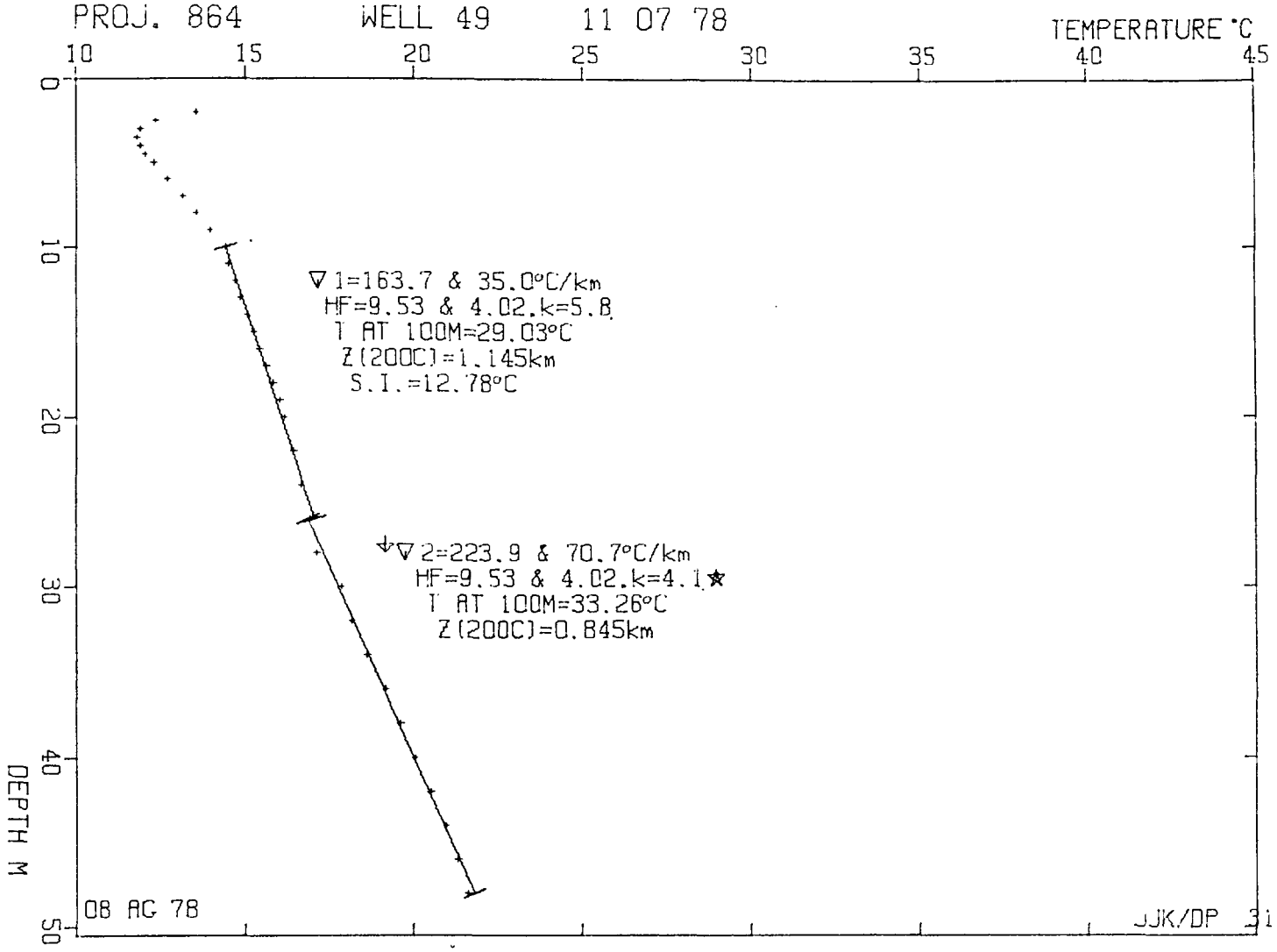
Elevation: 5820 Date Drilled:

SESW Sec. 9 T22N R40E

Depth (m)	Description
0 - 9	Alluvium.
9 - 20	Gray-pink crystal tuff with pumice and vitrophyre fragments - moderately welded.
20 - 36	Pinkish brown crystal tuff - strongly welded.
36 - 48	Pinkish brown crystal tuff slightly less welded than above.

McCOY, NV
5.5 KM SE HOLE IN WALL WELL
PROJ. 864 WELL 49 11 07 78

N.LAT 39.769; W.LONG 117.502



GTHERMAL LOG, [redacted] EXPLORATION, INC., A.L.LANGE
AG 78

OJECT: MCCOY, NV

OJ	WELL	DA	MO	YR	WELL TITLE	EDITOR	TERRAIN	LP	LI	ISZ	IST
54	49	11	07	78	5.5 KM SE HOLE IN WALL WELL	JJK/DR	31 50780.0	C	B	1	1

YCM	XCM	N.LAT	W.LONG	ELEV
9.3000	34.0000	39.7686	117.5020	1816.6

J	SEG START	SEG END	CONDTVTY	STD DEV.
1	10.000	26.000	0.000	0.000
2	26.000	48.000	4.100	0.500

ECEEDING CONDUCTIVITY USED TO COMPUTE OTHERS
* PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

OJ	WELL	DA	MO	YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
54	49	11	07	78	2.000	13.550	99999.000	1
					2.500	12.360	-2379.999	2
					3.000	11.880	-960.001	3
					3.500	11.810	-139.999	4
					4.000	11.880	139.999	5
					4.500	12.060	360.001	6
					5.000	12.320	520.000	7
					6.000	12.720	400.000	8
					7.000	13.150	430.000	9
					8.000	13.540	390.000	10
54	49	11	07	78	9.000	13.960	419.999	11
					10.000	14.400	440.000	12
					11.000	14.510	110.000	13
					12.000	14.700	190.001	14
					13.000	14.870	170.000	15
					14.000	15.060	190.000	16
					15.000	15.240	180.000	17
					16.000	15.400	160.000	18
					17.000	15.620	220.000	19
					18.000	15.820	200.000	20
54	49	11	07	78	19.000	16.010	189.995	21
					20.000	16.160	149.994	22
					22.000	16.380	110.001	23
					24.000	16.630	125.000	24
					26.000	16.920	145.004	25
					28.000	17.110	94.994	26
					30.000	17.840	365.006	27
					32.000	18.150	154.999	28
					34.000	18.620	235.001	29
					36.000	19.130	254.997	30

864	49 11 07 78	38.000	19.590	230.003	31
		40.000	20.060	235.001	32
		42.000	20.520	229.996	33
		44.000	20.960	220.001	34
		46.000	21.320	180.000	35
		48.000	21.620	150.002	36

SURFACE INTERCEPT FOR SEGMT 1 = 12.781

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFU & DHF	T AT 100M	KM
1	10.000	14.400	26.000	16.920	5.824 0.000	163.670 34.981	9.532 4.017	29.032	1.145

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFU & DHF	T AT 100M	KM
2	26.000	16.920	48.000	21.620	4.100 0.500	223.865 70.681	9.532 4.017	33.261	0.845

PRECEEDING SEGMENT USED FOR EXTRAPOLATION

LITHOLOGIC LOG

Project: McCoy

864-49

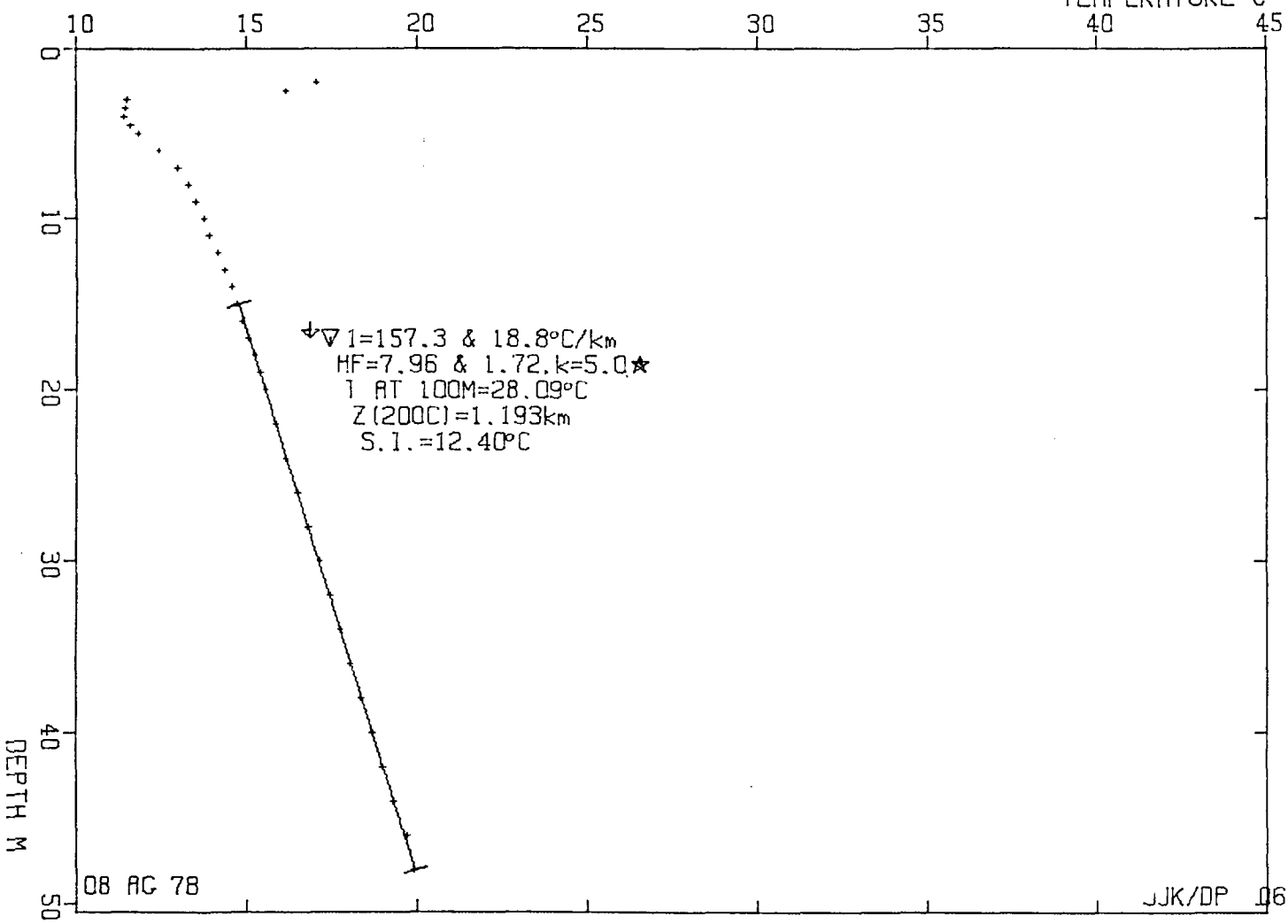
Elevation: 5960 Date Drilled:

SWSE Sec. 17 T22N R40E

Depth (m)	Description
0 - 3	Alluvium.
3 - 10	Weathered buff to reddish brown crystal tuff.
10 - 26	Pinkish gray crystal tuff - moderately well welded.
26 - 48	Crystal tuff with varying alteration to montmorillonite and celadonite.

McCOY, NV
5.3 KM SSW HOLE IN WALL WELL
PROJ. 864 WELL 50 11 07 78

N.LAT 39.769, W.LONG 117.533



GEOTHERMAL LOG, AMAX EXPLORATION, INC., A.L.LANGE
08 AG 78

PROJECT: MCCOY, NV

PROJ	WELL	DA	MO	YR	WELL TITLE	EDITOR	TERRAIN	LP	LI	ISZ	IST
864	50	11	07	78	5.3 KM SSW HOLE IN WALL WELL	JJK/DP	06 6C780.0	C	0	1	1

YCM	XCM	N.LAT	W.LONG	ELEV
9.3000	29.7000	39.7686	117.5834	1749.6

J	SEG START	SEG END	CONDTVTY & STD DEV.	
1	15.000	48.000	5.000	0.500

PRECEEDING CONDUCTIVITY USED TO COMPUTE OTHERS
*** PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

PROJ	WELL	DA	MO	YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
864	50	11	07	78	2.000	17.030	99999.000	1
					2.500	16.150	-1760.010	2
					3.000	11.520	-9259.992	3
					3.500	11.450	-139.999	4
					4.000	11.380	-140.001	5
					4.500	11.590	420.000	6
					5.000	11.860	540.001	7
					6.000	12.460	600.000	8
					7.000	13.020	560.000	9
					8.000	13.290	270.000	10
864	50	11	07	78	9.000	13.520	230.000	11
					10.000	13.730	210.000	12
					11.000	13.910	180.000	13
					12.000	14.130	219.999	14
					13.000	14.340	210.000	15
					14.000	14.540	200.001	16
					15.000	14.710	169.999	17
					16.000	14.870	160.001	18
					17.000	15.070	200.000	19
					18.000	15.240	170.000	20
864	50	11	07	78	19.000	15.420	179.999	21
					20.000	15.570	150.001	22
					22.000	15.870	150.000	23
					24.000	16.150	139.997	24
					26.000	16.520	184.998	25
					28.000	16.820	150.002	26
					30.000	17.140	160.004	27
					32.000	17.450	154.999	28
					34.000	17.740	144.997	29
					36.000	18.040	150.002	30
864	50	11	07	78	38.000	18.350	154.999	31

40.000	18.680	165.001	32
42.000	19.000	160.004	33
44.000	19.320	159.996	34
46.000	19.680	180.000	35
48.000	19.910	114.998	36

SURFACE INTERCEPT FOR SEGMT 1 = 12.397

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFU & DHF	T AT 100M	KM
1	15.000	14.710	48.000	19.910	5.000 0.500	157.333 18.756	7.960 1.724	28.091	1.193

PRECEEDING SEGMENT USED FOR EXTRAPOLATION

LITHOLOGIC LOG

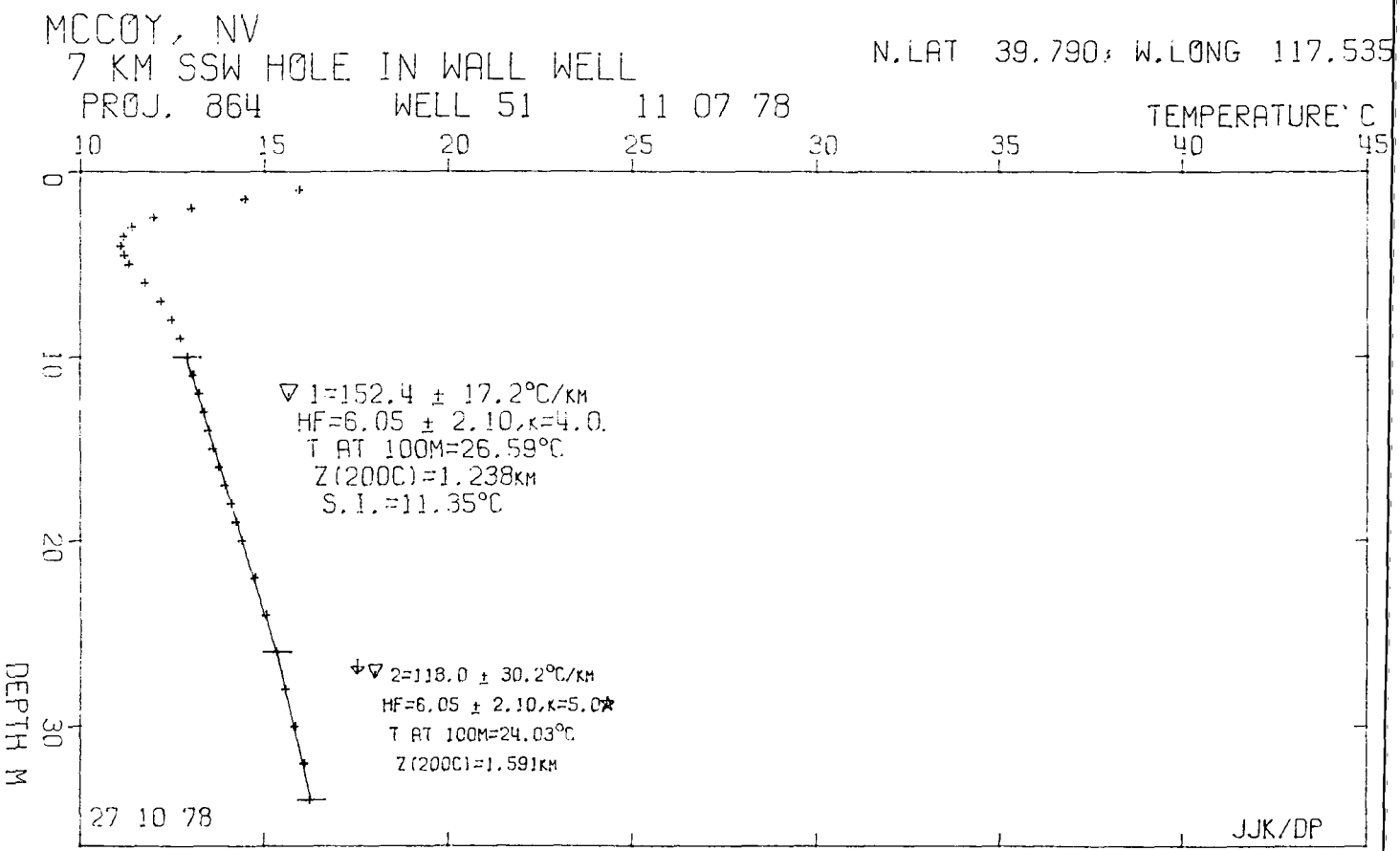
Project: McCoy

864-50

Elevation: 5740 Date Drilled:

SESE Sec. 13 T22N R39E

Depth (m)	Description
0 - 3	Alluvium.
3 - 49	Pinkish gray crystal tuff.


MCCOY, NV
7 KM SSW HOLE IN WALL WELL
PROJ. 864 WELL 51 11 07 78
N.LAT 39.790; W.LONG 117.535
TEMPERATURE C
10
15
20
25
30
35
40
45
0
10
20
30
DEPTH M
▽ 1=152.4 ± 17.2°C/KM
HF=6.05 ± 2.10, K=4.0
T AT 100M=26.59°C
Z(200C)=1.238KM
S.I.=11.35°C
▽ 2=118.0 ± 30.2°C/KM
HF=6.05 ± 2.10, K=5.0
T AT 100M=24.03°C
Z(200C)=1.591KM
27 10 78
JJK/DP

PROJ	WELL	DA MO YR	WELL TITLE	EDITOR	DRL DATE	LF	LI	ISZ	IST
864	51	11 07 78	7 KM SSW HOLE IN WALL WELL	JJK/D[illegible]	06 06 78	1	0	0	0

YCM	XCM	N.LAT	W.LONG	ELEV
7.0000	29.5000	39.7896	117.5348	1700.8

J	SEG START	SEG END	CONDTVTY & STD DEV.	
1	10.000	26.000	0.000	0.000
2	26.000	34.000	5.000	0.500

PRECEEDING CONDUCTIVITY USED TO COMPUTE OTHERS
*** PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

PROJ	WELL	DA MO YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
864	51	11 07 78	1.000	15.940	99999.000	1
			1.500	14.460	-2960.000	2
			2.000	13.010	-2900.002	3
			2.500	11.970	-2079.998	4
			3.000	11.390	-1160.000	5
			3.500	11.160	-459.999	6
			4.000	11.100	-120.003	7
			4.500	11.190	180.000	8
			5.000	11.710	240.002	9
			6.000	11.740	430.000	10
864	51	11 07 78	7.000	12.180	439.999	11
			8.000	12.470	290.001	12
			9.000	12.700	230.000	13
			10.000	12.910	210.001	14
			11.000	13.050	139.999	15
			12.000	13.200	150.000	16
			13.000	13.340	139.999	17
			14.000	13.460	120.001	18
			15.000	13.590	129.999	19
			16.000	13.740	150.002	20
864	51	11 07 78	17.000	13.920	179.996	21
			18.000	14.080	160.002	22
			19.000	14.220	139.999	23
			20.000	14.380	160.000	24
			22.000	14.730	175.000	25
			24.000	15.040	155.000	26
			26.000	15.320	140.000	27
			28.000	15.580	130.000	28
			30.000	15.840	129.999	29
			32.000	16.100	130.000	30
864	51	11 07 78	34.000	16.240	70.000	31

SURFACE INTERCEPT FOR SEGMT 1 = 11.348

SEG	ZSTART	TSTART	ZEND	TEND	COND &	DCON	GRADIENT &	S.C.	HFU &	DHF	T AT 100M	KM
1	10.000	12.910	26.000	15.320	3.972	0.000	152.360	17.247	6.051	2.100	26.595	1.238

SEG	ZSTART	TSTART	ZEND	TEND	COND &	DCON	GRADIENT &	S.C.	HFU &	DHF	T AT 100M	KM
2	26.000	15.320	34.000	16.240	5.000	0.500	118.001	30.199	6.051	2.100	24.028	1.591

PRECEEDING SEGMENT USED FOR EXTRAPOLATION

LITHOLOGIC LOG

Project: McCoy

864-51

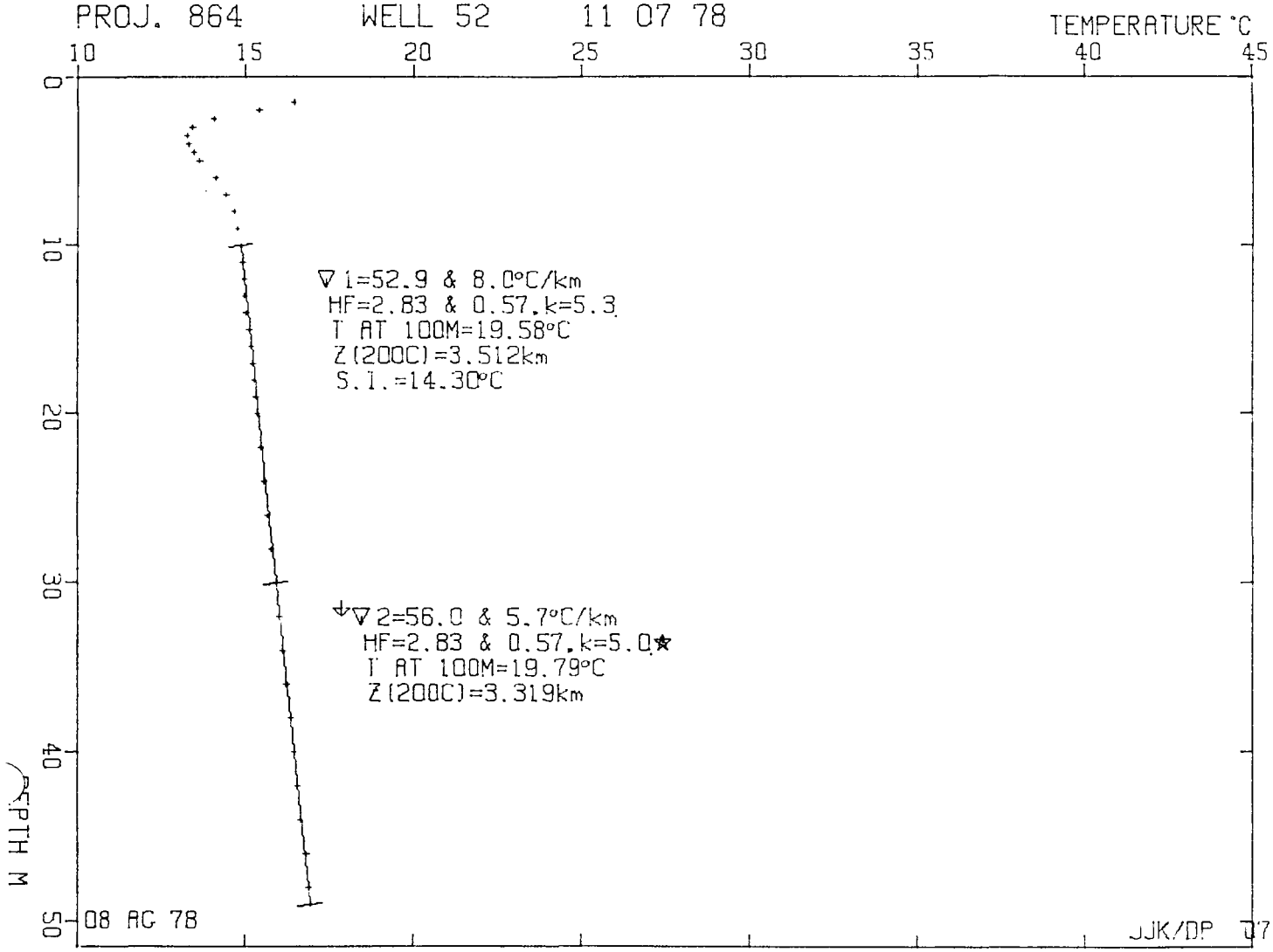
Elevation: 5500 Date Drilled:

SESE Sec. 24 T22N R39E

Depth (m)	Description
0 - 6	Alluvium.
6 - 26	Weathered buff to gray poorly welded crystal tuff.
26 - 49	Pinkish brown crystal tuff - moderately well welded.

McCOY, NV
5 KM E SHOSHONE PASS
PROJ. 864 WELL 52 11 07 78

N.LAT 39.746, W.LONG 117.568



GEOTHERMAL LOG, AMAX EXPLORATION, INC., A.L.LANGE
08 AG 78

PROJECT: MCCOY, NV

PROJ	WELL	DA	MO	YR	WELL TITLE	EDITOR	TERRAIN	LP	LI	ISZ	IST
864	52	11	07	78	5 KM E SHOSHONE PASS	JJK/DP	07 6078C.0	C	0	1	1

YCM	XCM	N.LAT	W.LONG	ELEV
43.6000	25.0000	39.7464	117.5477	1658.1

J	SEG START	SEG END	CONDTVTY	& STD DEV.
1	10.000	30.000	0.000	0.000
2	30.000	49.000	5.000	0.500

PRECEEDING CONDUCTIVITY USED TO COMPUTE OTHERS
*** PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

PROJ	WELL	DA	MO	YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
864	52	11	07	78	1.500	16.460	99999.000	1
					2.000	15.410	-2099.983	2
					2.500	14.070	-2680.000	3
					3.000	13.410	-1320.000	4
					3.500	13.260	-300.001	5
					4.000	13.280	40.001	6
					4.500	13.430	299.999	7
					5.000	13.620	380.001	8
					6.000	14.080	460.000	9
					7.000	14.400	320.000	10
864	52	11	07	78	8.000	14.650	250.000	11
					9.000	14.770	120.000	12
					10.000	14.840	70.000	13
					11.000	14.880	40.000	14
					12.000	14.930	50.000	15
					13.000	14.970	40.000	16
					14.000	15.020	50.000	17
					15.000	15.080	60.000	18
					16.000	15.130	49.999	19
					17.000	15.190	60.000	20
864	52	11	07	78	18.000	15.260	70.000	21
					19.000	15.320	60.000	22
					20.000	15.370	50.000	23
					22.000	15.470	50.000	24
					24.000	15.570	50.000	25
					26.000	15.660	45.000	26
					28.000	15.770	55.000	27
					30.000	15.880	55.000	28
					32.000	15.990	55.000	29
					34.000	16.100	54.996	30

864	52 11 07 78	36.000	16.210	55.000	31
		38.000	16.330	59.998	32
		40.000	16.440	55.000	33
		42.000	16.550	55.000	34
		44.000	16.670	60.005	35
		46.000	16.780	55.000	36
		48.000	16.890	55.000	37
		49.000	16.930	39.993	38

SURFACE INTERCEPT FOR SEGMT 1 = 14.296

SEG	ZSTART	TSTART	ZEND	TEND	COND &	DCON	GRADIENT &	S.D.	HFL &	DHF	T AT 100M	KM
1	10.000	14.840	30.000	15.880	5.348	0.000	52.871	8.008	2.888	0.564	19.581	3.512

SEG	ZSTART	TSTART	ZEND	TEND	COND &	DCON	GRADIENT &	S.D.	HFL &	DHF	T AT 100M	KM
2	30.000	15.880	49.000	16.930	5.000	0.500	55.981	5.722	2.888	0.564	19.785	3.319

PRECEEDING SEGMENT USED FOR EXTRAPOLATION

LITHOLOGIC LOG

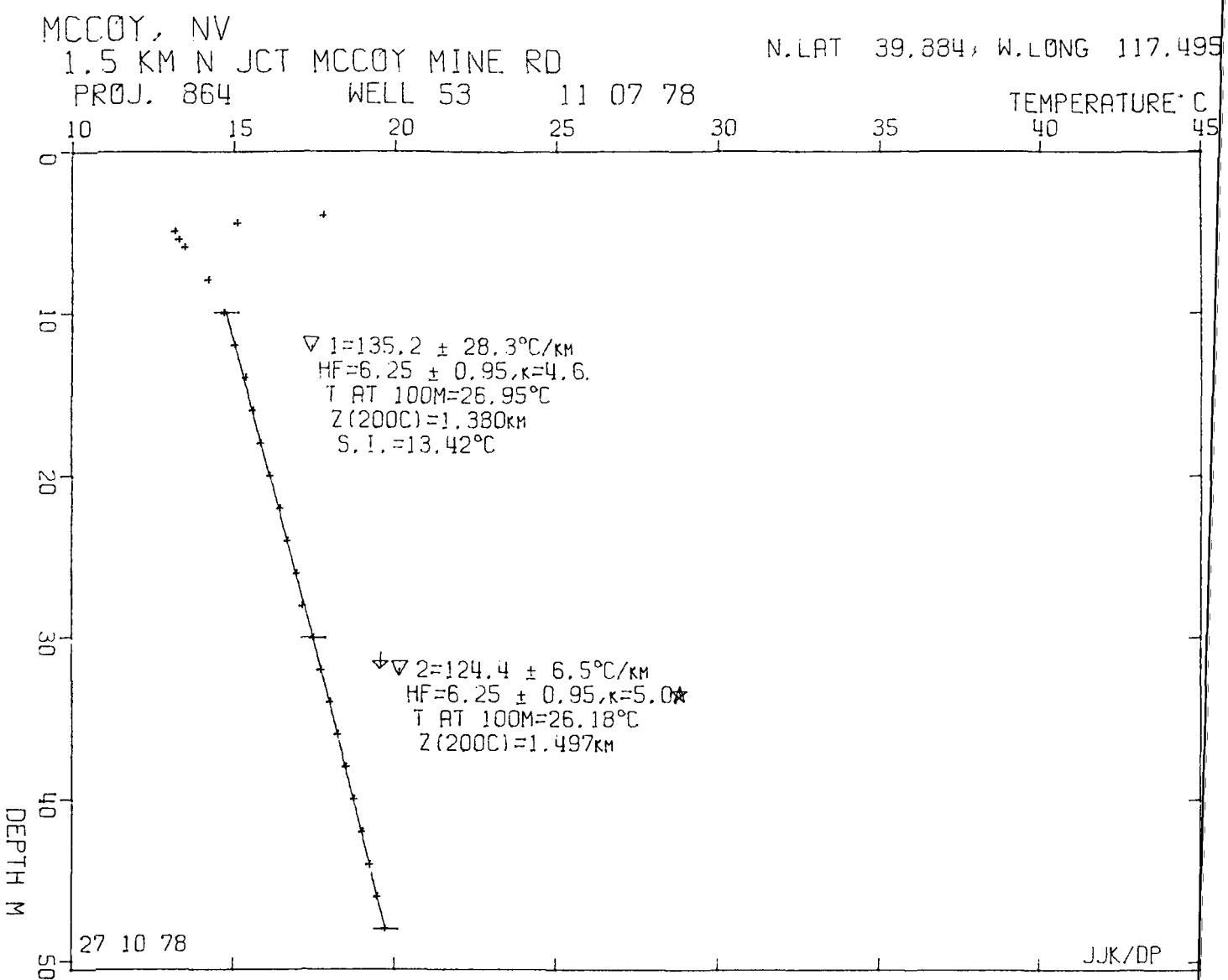
Project: McCoy

864-52

Elevation: 5440 Date Drilled:

NWSW Sec. 26 T22N R39E

Depth (m)	Description
0 - 10	Alluvium.
10 - 30	Pinkish brown crystal tuff - moderately well welded.
30 - 49	Buff to white crystal tuff.


MCCOY, NV
1.5 KM N JCT MCCOY MINE RD
N.LAT 39.884, W.LONG 117.495
PROJ. 864 WELL 53 11 07 78
TEMPERATURE C
10
15
20
25
30
35
40
45
0
10
20
30
40
50
DEPTH M
▽ 1=135.2 ± 28.3°C/KM
HF=6.25 ± 0.95,K=4.6
T AT 100M=26.95°C
Z(200C)=1.380KM
S.I.=13.42°C
▽ 2=124.4 ± 6.5°C/KM
HF=6.25 ± 0.95,K=5.0
T AT 100M=26.18°C
Z(200C)=1.497KM
27 10 78
JJK/DP

GEOTHERMAL LOG, AMAX EXPLORATION, INC., A.L.LANGE
11 10 7
PROJECT: MCCOY, NV

PROJ	WELL	DA	MO	YR	WELL TITLE	EDITOR	TERRAIN	LP	LI	ISZ	IST
864	53	11	07	78	1.5 KM N JCT MCCOY MINE RD	JJK/DP	03	67.8	0	0	1	1

YCM	XCM	N.LAT	W.LONG	ELEV
4.1000	1.8000	39.8839	117.4950	1484.4

J	SEG START	SEG END	CONDTVTY & STD DEV.	
1	10.000	30.000	0.000	0.000
2	30.000	48.000	5.000	0.500

PRECEEDING CONDUCTIVITY USED TO COMPUTE OTHERS
*** PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

PROJ	WELL	DA	MO	YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
864	53	11	07	78	4.000	17.780	99999.000	1
					4.500	15.120	-5320.000	2
					5.000	13.180	-3880.001	3
					5.500	13.310	260.002	4
					6.000	13.490	360.001	5
					8.000	14.210	360.000	6
					10.000	14.700	245.000	7
					12.000	15.040	170.000	8
					14.000	15.370	165.000	9
					16.000	15.600	115.000	10
864	53	11	07	78	18.000	15.840	120.000	11
					20.000	16.130	144.999	12
					22.000	16.420	145.000	13
					24.000	16.670	125.000	14
					26.000	16.960	145.000	15
					28.000	17.130	84.999	16
					30.000	17.480	175.001	17
					32.000	17.730	125.000	18
					34.000	18.000	135.000	19
					36.000	18.250	125.000	20
864	53	11	07	78	38.000	18.510	129.999	21
					40.000	18.760	125.000	22
					42.000	19.010	125.000	23
					44.000	19.240	115.000	24
					46.000	19.480	120.001	25
					48.000	19.710	115.000	26

SURFACE INTERCEPT FOR SEGMT 1 = 13.417

SEG	ZSTART	TSTART	ZEND	TEND	COND &	DCON	GRADIENT &	S.D.	HFU &	DHF	T AT 100M	KM
1	10.000	14.700	30.000	17.480	4.624	0.000	135.228	28.348	6.252	0.949	26.946	1.380

SEG	ZSTART	TSTART	ZEND	TEND	COND &	DCON	GRADIENT &	S.D.	HFU &	DHF	T AT 100M	KM
2	30.000	17.480	48.000	19.710	5.000	0.500	124.395	6.531	6.252	0.949	26.179	1.497

PRECEEDING SEGMENT USED FOR EXTRAPOLATION

LITHOLOGIC LOG

Project: McCoy

864-53

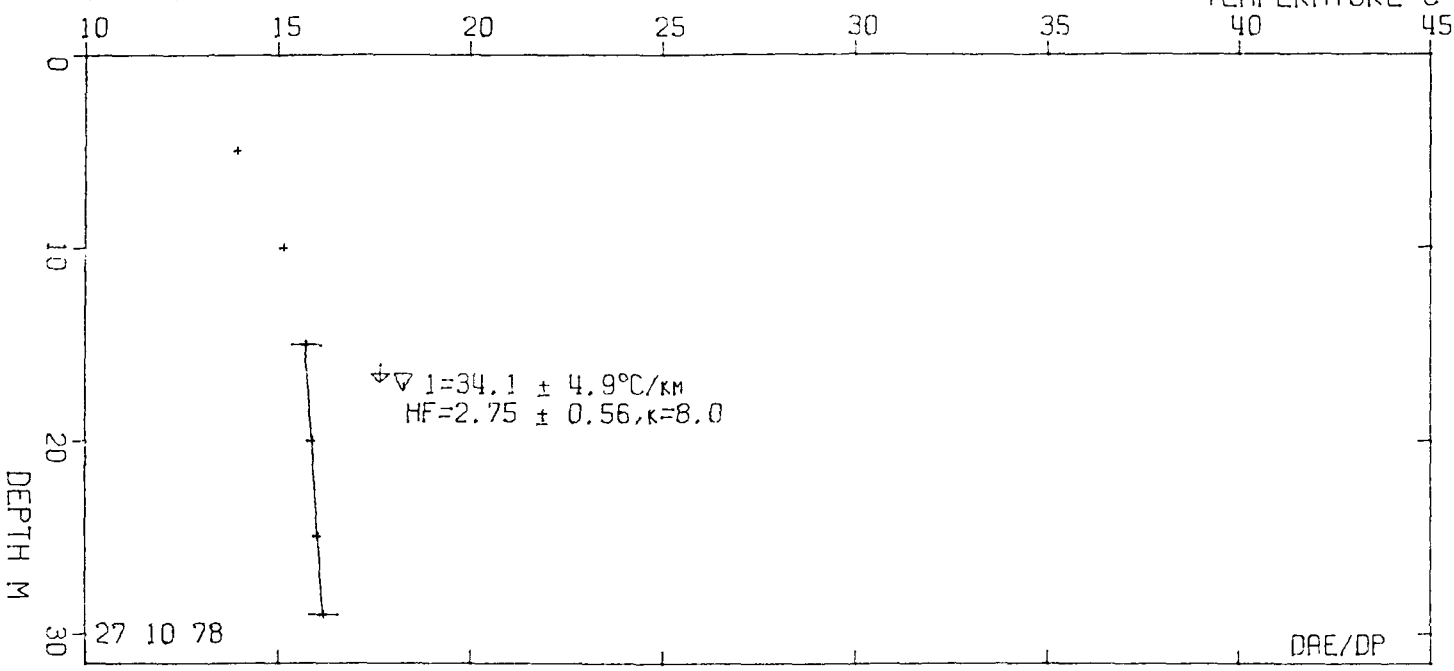
Elevation: 4870 Date Drilled:

NENE Sec. 8 T23N R40E

Depth (m)	Description
0 - 10	Alluvium.
10 - 30	Clayey - slightly altered crystal tuff.
30 - 49	Weakly altered crystal tuff, minor silicification.

MCCOY, NV
4.8KM N SHOSHONE MEADOWS
PROJ. 864 WELL 54 10 06 78

N.LAT 39.843, W.LONG 117.662



PROJECT: [redacted]

PROJ	WELL	DA	MO	YR	WELL TITLE	EDITOR	DRL DATE	LP	LI	ISZ	IST
864	54	10	06	78	4.8KM N SHOSHONE MEADOWS	DPF/DP		1	0	0	0

YCM	XCM	N.LAT	W.LONG	ELEV
16.5000	12.0000	39.8433	117.6624	1463.0

J	SEG START	SEG END	CONDTVTY & STD DEV.	
1	15.000	29.000	8.000	0.500

PRECEEDING CONDUCTIVITY USED TO COMPUTE OTHERS
*** PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

PROJ	WELL	DA	MO	YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
864	54	10	06	78	5.000	15.938	99999.000	1
					10.000	15.135	239.400	2
					15.000	15.710	115.000	3
					20.000	15.865	31.000	4
					25.000	16.030	33.000	5
					29.000	16.191	40.250	6

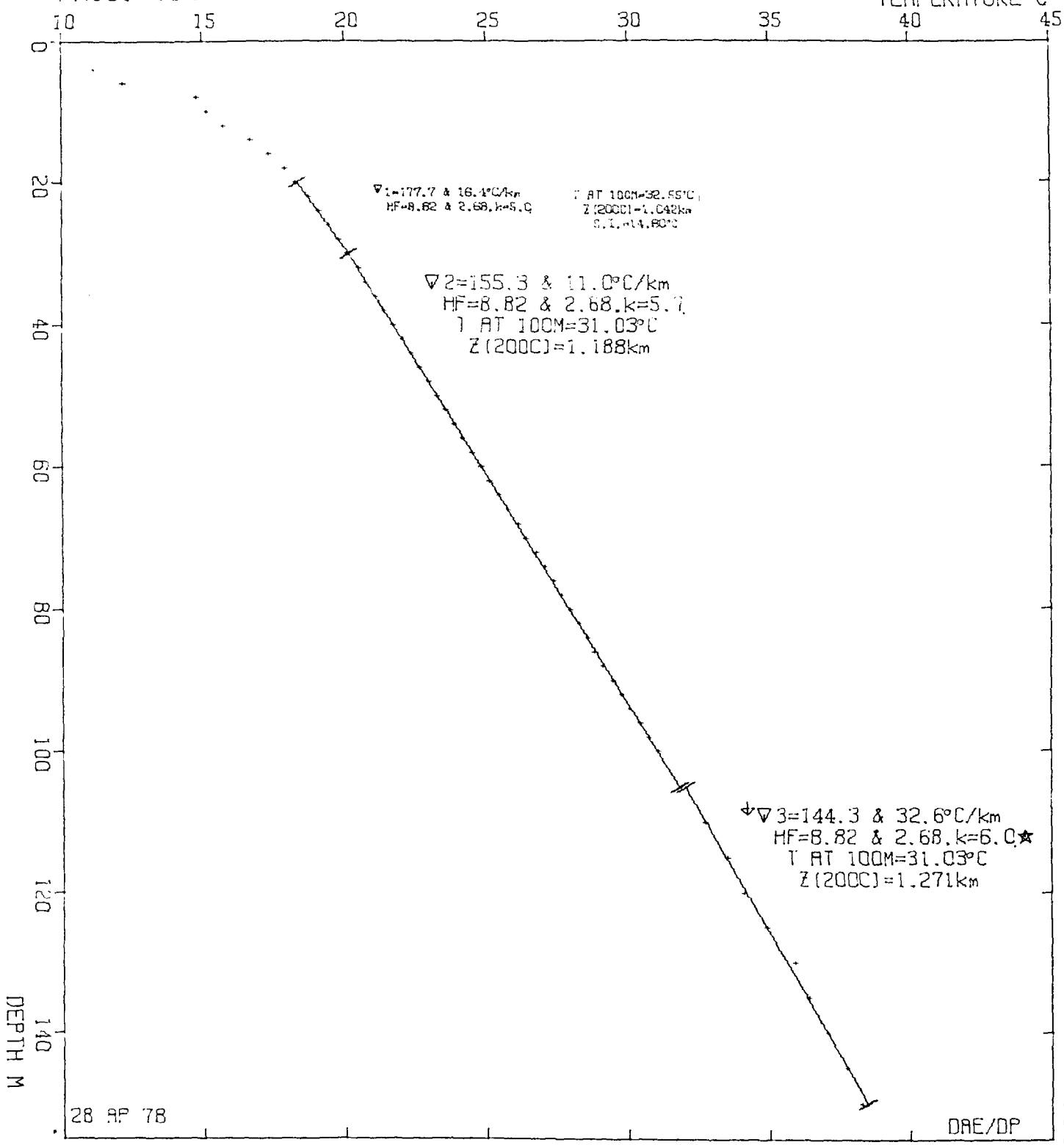
SURFACE INTERCEPT FOR SEGMT 1 = 15.190

SEG	ZSTART	TSTART	ZEND	TEND	COND &	DCON	GRADIENT &	S.D.	RFU &	DHF	T AT 100M	KM
1	15.000	15.710	29.000	16.191	8.000	0.500	34.113	4.929	2.754	0.565	18.613	5.417

PRECEEDING SEGMENT USED FOR EXTRAPOLATION

McCOY, NV
HOLE IN THE WALL WELL
PROJ. 864 WELL 83 22 04 78

N.LAT 39.815, W.LONG 117.525



GEOTHERMAL LOG, AMAX EXPLORATION, INC., A.L.LANGE
28 AP 78

PROJECT: MCCOY, NV

PROJ	WELL	DA	MO	YR	WELL TITLE	EDITOR	TERRAIN	LP	LI	TSZ	TST
864		83	22	04	78 HOLE IN THE WALL WELL	DAE/DP		C.0	C	0	1	1

YCM	XCM	N.LAT	W.LONG	ELEV
11.5000	30.8000	39.8150	117.5252	1609.3

J	SEG START	SEG END	CONDTVTY	& STD DEV.
1	20.000	30.000	0.000	0.000
2	30.000	105.000	0.000	0.000
3	105.000	150.000	6.000	0.500

PRECEEDING CONDUCTIVITY USED TO COMPUTE OTHERS
*** PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

PROJ	WELL	DA	MO	YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
864		83	22	04	78	4.000	11.160	99999.000	1
					6.000	12.200	520.000	2
					8.000	14.820	1310.000	3
					10.000	15.170	175.000	4
					12.000	15.770	300.000	5
					14.000	16.710	469.996	6
					16.000	17.360	324.997	7
					18.000	17.890	265.007	8
					20.000	18.320	214.996	9
					22.000	18.730	205.002	10
864		83	22	04	78	24.000	19.100	184.998	11
					26.000	19.440	169.998	12
					28.000	19.780	170.006	13
					30.000	20.110	164.993	14
					32.000	20.500	195.007	15
					34.000	20.760	129.997	16
					36.000	21.080	159.996	17
					38.000	21.400	160.004	18
					40.000	21.720	159.996	19
					42.000	22.030	155.006	20
864		83	22	04	78	44.000	22.330	149.994	21
					46.000	22.640	155.006	22
					48.000	22.950	154.999	23
					50.000	23.250	150.002	24
					52.000	23.560	154.999	25
					54.000	23.860	149.994	26
					56.000	24.170	155.006	27
					58.000	24.490	159.996	28
					60.000	24.780	145.004	29

		62.000	25.100	159.996	30
864	83 22 04 78	64.000	25.430	165.001	31
		66.000	25.770	169.998	32
		68.000	26.100	165.001	33
		70.000	26.420	160.004	34
		72.000	26.740	159.996	35
		74.000	27.050	154.999	36
		76.000	27.340	145.004	37
		78.000	27.660	159.996	38
		80.000	27.950	145.004	39
		82.000	28.240	144.997	40
864	83 22 04 78	84.000	28.540	150.002	41
		86.000	28.810	135.002	42
		88.000	29.110	149.994	43
		90.000	29.430	160.004	44
		92.000	29.750	160.004	45
		94.000	30.050	149.994	46
		96.000	30.380	165.001	47
		98.000	30.690	154.999	48
		100.000	31.030	170.006	49
		105.000	31.850	163.998	50
864	83 22 04 78	110.000	32.700	170.001	51
		115.000	33.520	163.998	52
		120.000	34.090	114.001	53
		125.000	34.920	166.000	54
		130.000	35.910	197.998	55
		135.000	36.420	102.002	56
		140.000	37.060	128.000	57
		145.000	37.740	135.999	58
		150.000	38.300	112.000	59

SURFACE INTERCEPT FOR SEGMT 1 = 14.804

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFL &	DHF	T AT 100M	KM
1	20.000	18.320	30.000	20.110	4.963 0.000	177.705 16.421	8.820	2.676	32.549	1.042

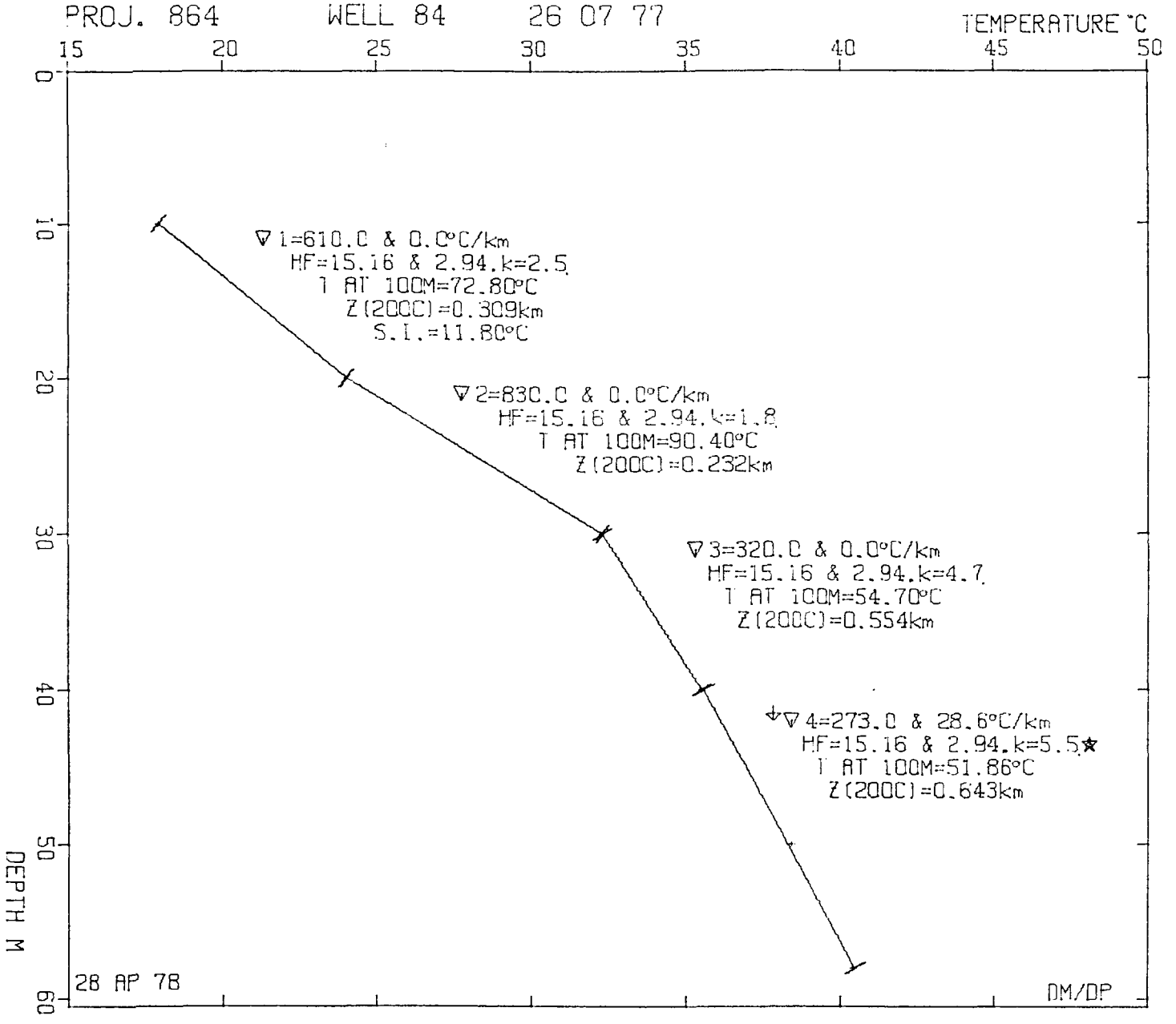
SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFL &	DHF	T AT 100M	KM
2	30.000	20.110	105.000	31.850	5.679 0.000	155.293 10.999	8.820	2.676	31.030	1.188

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFL &	DHF	T AT 100M	KM
3	105.000	31.850	150.000	38.300	6.000 0.500	144.280 32.572	8.820	2.676	31.030	1.271

PRECEEDING SEGMENT USED FOR EXTRAPOLATION

McCOY, NV
MCCOY MINE WELL
PROJ. 864 WELL 84 26 07 77

N.LAT 39.869; W.LONG 117.494



GEOTHERMAL LOG, AMAX EXPLORATION, INC., A.L.LANGE
28 AP 78

PROJECT: MCCOY, NV

PROJ	WELL	DA	MO	YR	WELL TITLE	EDITOR	TERRAIN	LF	LI	ISZ	IST
864	84	26	07	77	MCCOY MINE WELL	DM/DP		0.0	0	0	1	1

YCM	XCM	N.LAT	W.LONG	ELEV
54.7000	2.1000	39.8687	117.4941	1505.7

J	SEG START	SEG END	CONDTVTY & STD DEV.	
1	10.000	20.000	0.000	0.000
2	20.000	30.000	0.000	0.000
3	30.000	40.000	0.000	0.000
4	40.000	58.000	5.500	0.500

PRECEEDING CONDUCTIVITY USED TO COMPUTE OTHERS
*** PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

PROJ	WELL	DA	MO	YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
864	84	26	07	77	10.000	17.900	99999.000	1
					20.000	24.000	610.001	2
					30.000	32.300	829.999	3
					40.000	35.500	320.001	4
					50.000	38.400	290.000	5
					58.000	40.400	250.000	6

SURFACE INTERCEPT FOR SEGMT 1 = 11.800

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFL & DHF	T AT 100M	KM
1	10.000	17.900	20.000	24.000	2.484 0.000	610.000 0.000	15.155 2.937	72.800	0.309

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFL & DHF	T AT 100M	KM
2	20.000	24.000	30.000	32.300	1.526 0.000	830.010 0.000	15.155 2.937	90.401	0.232

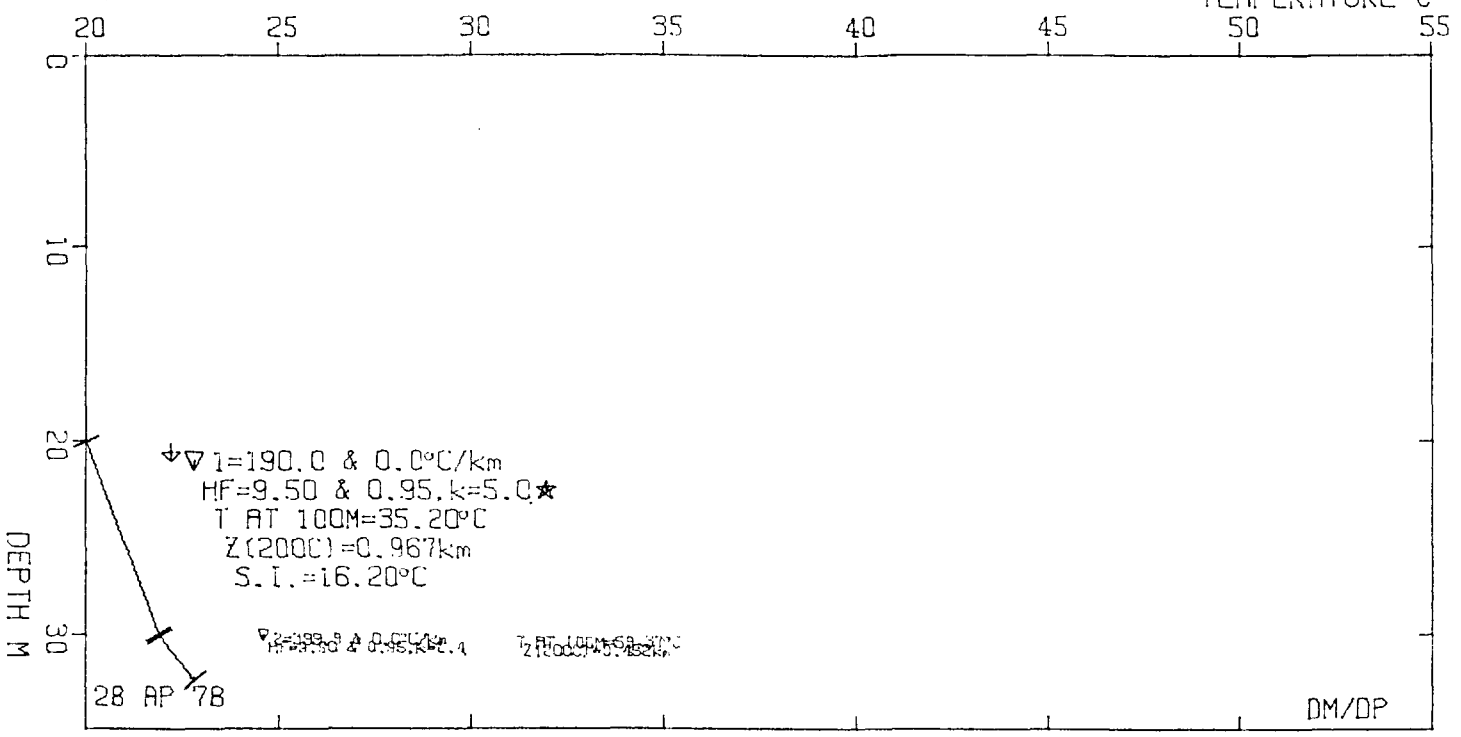
SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFL & DHF	T AT 100M	KM
3	30.000	32.300	40.000	35.500	4.736 0.000	320.010 0.000	15.155 2.937	54.701	0.554

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFL & DHF	T AT 100M	KM
4	40.000	35.500	58.000	40.400	5.500 0.500	272.954 28.591	15.155 2.937	51.864	0.643

PRECEEDING SEGMENT USED FOR EXTRAPOLATION

McCOY, NV
0.5 KM S MCCOY MINE WELL
PROJ. 864 WELL 85 26 07 77

N.LAT 39.865, W.LONG 117.494



GEOTHERMAL LOG, AMAX EXPLORATION, INC., A.I. LANGE
28 AP 78

PROJECT: MCCOY, NV

PROJ	WELL	DA	MO	YR	WELL TITLE	EDITOR	TERRAIN	LF	LI	ISZ	TST
864	85	26	07	77	0.5 KM S MCCOY MINE WELL	D1/DP	0.0	0	0	1	1

YCM	XCM	N.LAT	W.LONG	ELEV
52.8000	2.2000	39.8646	117.4938	1539.2

J	SEG START	SEG END	CONDTVTY & STD DEV.
1	20.000	30.000	5.000 0.500

PRECEDING CONDUCTIVITY USED TO COMPUTE OTHERS
*** PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

2	30.000	32.300	0.000	0.000

PROJ	WELL	DA	MO	YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
864	85	26	07	77	20.000	20.000	99999.000	1
					30.000	21.900	189.999	2
					32.250	22.800	399.997	3

SURFACE INTERCEPT FOR SEGMT 1 = 16.200

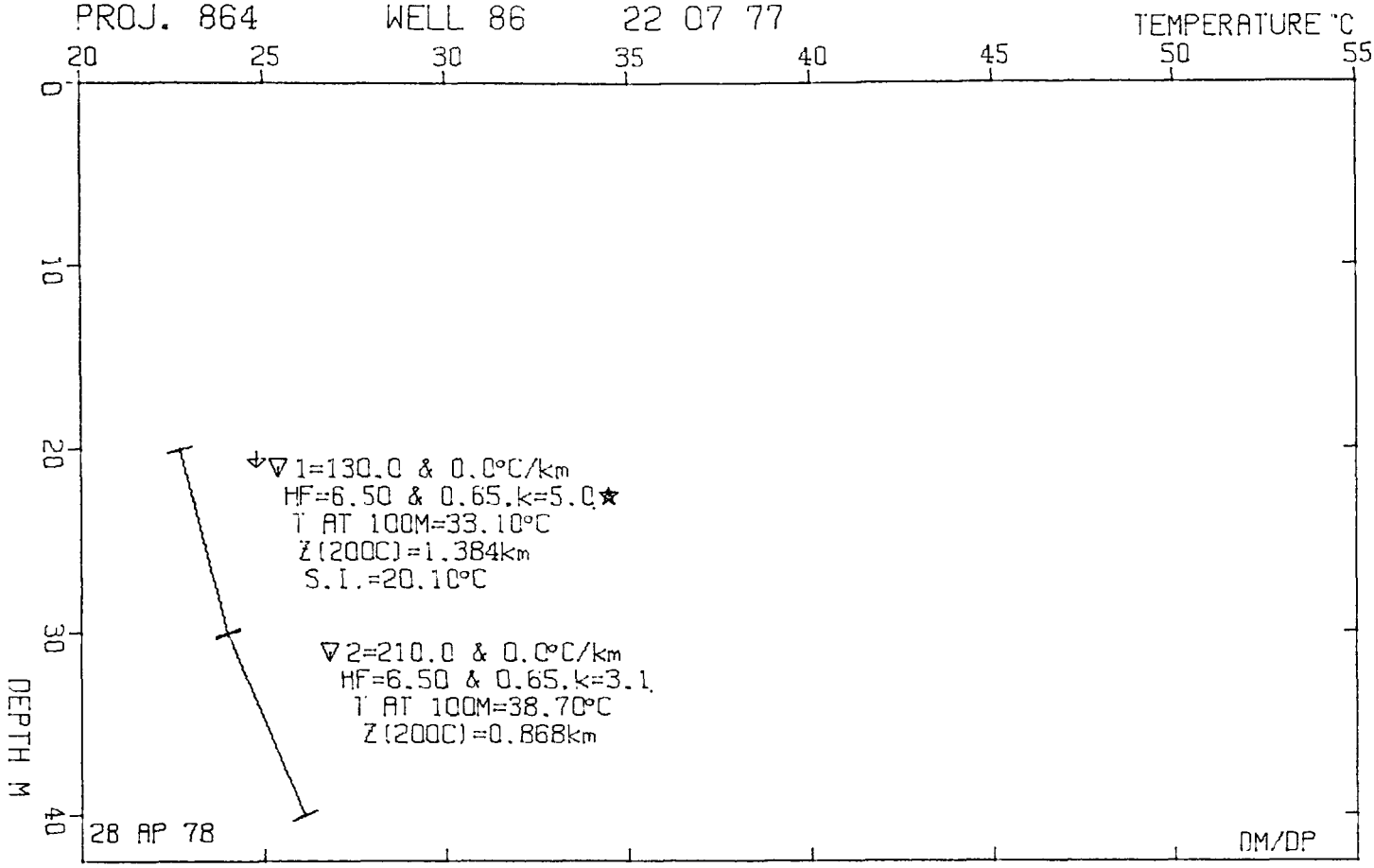
SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFL & DHF	T AT 100M	KM
1	20.000	20.000	30.000	21.900	5.000 0.500	190.000 0.000	9.500 0.950	35.200	0.967

PRECEEDING SEGMENT USED FOR EXTRAPOLATION

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFL & DHF	T AT 100M	KM
2	30.000	21.900	32.300	32.300	2.376 0.000	399.884 0.000	9.500 0.950	59.372	0.452

McCOY, NV
.5 KM S MCCOY MINE
PROJ. 864 WELL 86 22 07 77

N.LAT 39.867, W.LONG 117.492



GEOTHERMAL ... AMAX EXPLORATION, INC., A.L.LANGE
28 AP 78

PROJECT: MCCOY, NV

PROJ	WELL	DA	MO	YR	WELL TITLE	EDITOR	TERRAIN	LP	LT	ISZ	IST
864		86	22	07 77	.5 KM S MCCOY MINE	DM/DF		0.0	0	0	1	1

YCM	XCM	N.LAT	W.LONG	ELEV
53.9000	2.8000	39.8670	117.4921	1545.3

J	SEG START	SEG END	CONDTVTY & STD DEV.
1	20.000	30.000	5.000 0.500

PRECEEDING CONDUCTIVITY USED TO COMPUTE OTHERS
*** PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH ***

2	30.000	40.000	0.000	0.000

PROJ	WELL	DA	MO	YR	DEPTH (M)	DEG C	DEG C/KM	SAMPLE NO.
864		86	22	07 77	20.000	22.700	99999.000	1
					30.000	24.000	130.000	2
					40.000	26.100	209.999	3

SURFACE INTERCEPT FOR SEGMT 1 = 20.100

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFL & DHF	T AT 100M	KM
1	20.000	22.700	30.000	24.000	5.000 0.500	129.990 0.000	6.500 0.650	33.099	1.384

PRECEEDING SEGMENT USED FOR EXTRAPOLATION

SEG	ZSTART	TSTART	ZEND	TEND	COND & DCON	GRADIENT & S.D.	HFL & DHF	T AT 100M	KM
2	30.000	24.000	40.000	26.100	3.095 0.000	210.000 0.000	6.500 0.650	38.700	0.868

McCOY, NV
1 KM SW MCCOY MINE
PROJ. 864 WELL 87 26 07 77

N.LAT 39.864, W.LONG 117.501