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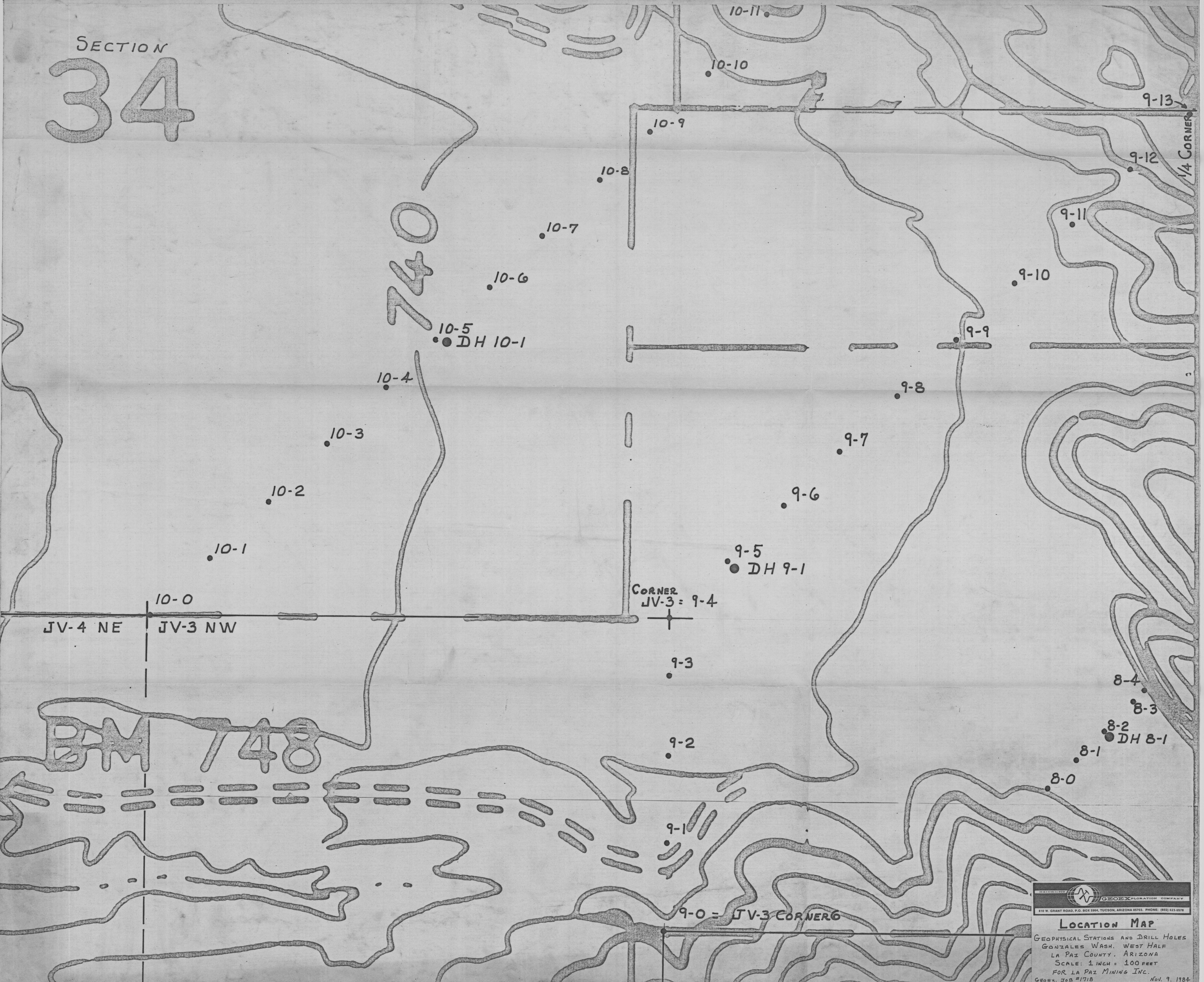
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ELEV DIFF	SEQ	LINE	STA	READINGS	TIME	DGS
+25	100 ⁹⁹	10	11	3116.8 30 ³⁰	10:38	MA
HAND SAMPLE	G-2	A		.820	10:39	
				1820	10:40	

SECTION
34

740

BM 748



REPRODUCED BY
GEOEXPLORATION COMPANY
810 W. GRANT ROAD, P.O. BOX 5964, TUCSON, ARIZONA 85703. PHONE: (602) 421-9578

LOCATION MAP
GEOPHYSICAL STATIONS AND DRILL HOLES
GONZALES WASH. WEST HALF
LA PAZ COUNTY, ARIZONA
SCALE: 1 INCH = 100 FEET
FOR LA PAZ MINING INC.
GEOG. JOB #1718 Nov. 9, 1984

LINES

Range

- | | | |
|----|---|-----------|
| 1 | " | B-A |
| 2 | " | SW-NE |
| 3 | " | N-S |
| 4 | | SE-W |
| 5 | " | N-S |
| 6 | " | NE-SW |
| 7 | " | N-S |
| 8 | " | SW-NE |
| 9 | " | S-N-SW-NE |
| 10 | " | SW-NE |

Sta	Rel	Inst.	H.I.	Elev (3)
5-2		10/22/84		794.5
adj ^g of Abner pond		+9.5	804.0	
N/S	-3.0			801.0
N/S	+16.4		817.4	
4-13	-2.4			815.0
	up on bank			
Traverse Downstream on Rt				
5-6				793.9
N/S	+6.5		800.4	
EDT	-5.9	NEAR OLD DAM		794.5
"		+1.2	795.7	
T ^p 115	-10.0			785.7
		+3.4	789.1	
Line 6 ST.7	-7.5			781.6
		+8.5	790.1	
6-8	-6.5			783.6
N/S		+16.0	899.6	
N/S	-0.3			899.3
N/S		+16.2	915.5	
N/S	-0.1			915.4
N/S		+8.3	923.7	
6-9	5.4			918.3
End Line 6 South				

Sta	Rel	Inst.	H.I.	Elev (2)
Line 4 Sour Line Set up.				802.0
"	-5.4 H.I.			805.4
7-6	-10.2	Don't stop Station		800.6
N/S		+16.4	817.0	
Line 7 ST.7		+14.7	826.3	
end of line to S.				
Start Line 5 from Line 7-4				
7-4				803.7
N/S		+4.0	807.7	
N/S	-9.2			798.5
N/S		+3.9	802.4	
5-5	-8.5			793.9
5-6	-8.5	Along Rd Junction		793.9
N/S		+6.5	800.4	
5-7	-5.2			795.2
Sour End Line 5 South				
5-5				793.9
N/S		+8.8	802.7	
5-4	-6.9			795.8
N/S		+8.5	804.3	
5-3?	-7.5			796.8
5-2	-6.3			794.5

Sta	Rod	10/22/84 Inst	H.I.	① Ground Elev.
TP 212	TP-212 847.9			847.9
	-16.2	+1.7	848.4	832.2
		+0.6	832.8	~1.2 818.5
SOUTH LINE 9EO P#1	-14.3	+4.0	822.5	←
TP1-6 → #3	-6.0	+3.0	819.5	816.5
N/S	-9.0	+3.7	812.2	809.5
N/S	-8.5	TRAVEL BEARING N.S. LINE 7	808.0	803.7
7-3	-6.4	+7.0	808.6	801.6
4-8	-5.4	+10.1	813.3	803.2
7-8	-5.4	outcrop	807.9	
N/S	-2.2		811.1	
N/S	-5.1	on outcrop	817.3	812.2
7-1	-5.1	End of line to north	812.2	
7-4		START LINE 7 TO B		
N/S				803.7
Sec line	-6.5		808.5	802.0

LA Paz Mng. Co.

Hand Level Notes

TP1-1-14

10/22/84

BEFORE ON N SIDE OF WASH

EGH

W.W. I

Gonzales Wash Proj.

LA Paz County

Arizona

Oct 29

DH-3-1-1

^{TD}
~~TD~~ 15 FT

~~DH-3-1-2~~

IP-

@ 12:10 to lunch

7-1

TD-35 DR 31

7-2

sloped dully
at 50'

to town 6⁰⁰ PM

to field 7⁴⁵

ended 5⁰⁰ PM

[619-922-2184
EXT 36-

9-1-602-747-3793

602-747-3793

9-1-602-~~747~~-
297-0016

NOTE need mag at 1-6

PROJ 1718 OFFICE TIME
OFFICE 8:00 - 1300 FIELD TIME
1400 → 1800 IN FIELD
0.

June 83

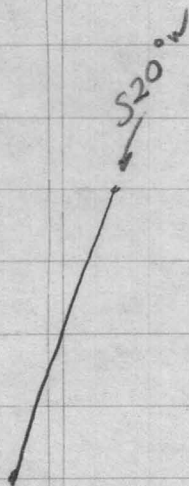
650 cu ft compressor
casing 20 ft long

DH 1-1 ^{8:45} @ STA 3+50 LINE 1 TD 20 FT
18 FT TO BEDROCK
8" casing security

5' sampler x 4 samples
@ + 1/2" get approx 60% of sample
blowing at < 1 in mtl
some calcite in hole

DH 1-2 @ STA 3 on line 1 TD 22 FT
BEDROCK 18 FT

DH 1-3 @ sta 2+50 on line 1
BEDROCK
TD @ 18
TD 22



DH 1-4
Bedrock 18
TD 22

Blas
FD
3:46 PM
2:30
3:00

Venture Drilling Co Tucson (602) (23-2211)

DH-1-5 stopped at evening at 30 ft may go deeper
about 6:00 PM

10-24 7:00 AM leave to field

7:30 arrive at field

DH-1-5 drilled from 30 to 35 ft

TD = 35

BR between 30-35 indeterminate

PHONE DRILL
HOLE DEPTHS

<u>DATE</u>	<u>W.E.H.</u>	<u>M.A.</u>	<u>R.B.L.</u>
10/23/84 ^{Tue}	Blythe - Tucson	Blythe Tuc	Blythe Rodeway Inn (619) 922-2184 Room-34
24 wed	Tuc - VanCouver Mandarin Hotel (604) 687-1122	CLASS Tucson 297-0016	
25 Thur			
26 Fri		CLASS → 3:00 PM	
27 Sat			
28 Sun	VanCouver - Tucson	7085 N. Moonsong TERRACE Tucson, AZ 85741	
29 Mon	Tucson 623-0578 326-4019	CLASS → 3:00 PM	
30 Tues			
31 Wed.		CLASS → 3:00 PM Phone Sat 9:00	9-1-602-297-0016

Line 2

Station #	1	-	-43.87	+	42.55	=	-1.32	South
	2	-	-45.95	+	42.66	=	-3.29	
	3	-	-46.39	+	42.78	=	-3.61	
	4	-	-46.47	+	42.89	=	-3.580	
	5	-	-46.56	+	42.98	=	-3.580	
	6	-	-46.79	+	43.11	=	-3.68	
	6.8	-	-47.47	+	43.18	=	-4.29	North

Line 6

Regional For Station # 1 = 43.27
-43.91

RR = 0.64

9 = 41.57

Regional Removed

B.A. -40.12

RR = 1.45

Sta 9 = 41.57 + (-40.12) = 1.45 mg/l's

8

7

6

5

4

3

2

1

Elevations
FOR
gravity stations

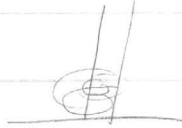
LN 1-1	847' ✓	dh 1-4	827.6'
1-2	834.2 ✓	1-3	828.4
1-5	828.7 ✓	1-2	827.8
1-6	833.8 ✓	1-1	827.6
		3-2	835.8
Link 3-3	834.3	3-1	836.5
✓ 2-3	835.8	3-2	834.6
✓ 3-4	840.0		
✓ 3-5	841.4		
✓ 3-6	847.2		
✓ 2-5	833.4		
✓ 2-6	846.6		
6-8	846.4		
✓ 2-3	835.2		
✓ 2-2	834.1		
4-2	830.6		
✓ 4-5	824.7		
✓ 4-3	825.4 [X]		
✓ 4-4	826.0		
✓ 4-5	823.0		
✓ 4-6	820.5		
✓ 4-7	818.2		
✓ 4-8	819.6		
✓ 7-8	824.1		
7-1	829.9		
✓ 4-12	830.7		
4-13	831.2		

LN ✓7-3	818.0
✓7-5	818.6
✓7-7	836.1
✓7-6	816.8
✓7-4	819.9
✓7-3	817.8
✓4-9	816.9
✓4-10	815.7
✓4-11	812.0 [2]
✓5-8	834.2
✓5-7	806.7
✓5-5	809.2
✓5-4	812.2
✓5-3	810.1
✓5-2	813.5
✓5-1	809.9
✓6-5	799.7
✓6-3	807.7
✓6-2	808.3
✓6-4	802.2
✓6-6	799.7
✓6-7	796.5
✓6-8	798.3
✓6-9	826.1
✓8-1	775.6
✓8-2	775.2
✓8-3	776.6

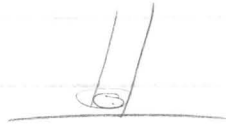
				Total depth	bedrock
		wdh 3-1 = 1N 3-2		15	12
✓ 8-4	786.3	✓ 3-2 = 3-3		22	19
✓ 8-0	780.3	✓ 1-1 = 1-3.5		20	19
✓ 9-0	786.9	✓ 1-2 = 1-3.0		22	18
✓ 9-1	775.5	✓ 1-3 = 1-2.5		22	18
✓ 9-2	758.1	✓ 1-4 = 1-2.25		22	19
✓ 9-3	758.7	✓ 1-5 = 1-2.0		30	29
✓ 9-4	756.9	✓ 7-1 = 7-2.5		38	32
✓ 9-5	760.4	7-2 = 7-3.0		70	63
✓ 9-6	760.1	✓ 7-3 = 7-3.5		72	70
✓ 9-7	760.6	✓ 7-4 = 7-4		75	68
✓ 9-8	761.8	✓ 7-5 = 7-4.5		71	67
✓ 9-10	774.7	✓ 7-6 = 7-5.0		70	67
✓ 9-9	761.2	✓ 4-1 = 4-5.0		47	44
				95	85
		4-2 = 200 Feet south of 4-1			
✓ 9-11	788.4	✓ 7-7 = 7-5.5		85	83
✓ 9-12	793.2	✓ 7-8 = 7-6		72	67
✓ 10-10	760.8	✓ 9-13 828.1			
✓ 10-11	771.1	✓ 9-14 834.8	tomorrow line 6		
✓ 10-9	749.8		line 8 sta. 2		
✓ 10-8	741.5		line 9 sta. 5		
✓ 10-7	740.9		line 10 sta. 5 4		
✓ 10-6	740.0 ~	dh 9-1 10' east of station 9-5	90' 88"		
✓ 10-5	736.6	10-1 22' N 75E station 10-5	90' 84"		
✓ 10-4	731.6	✓ 8-1 station 8-2	70' 65"		
✓ 10-3	731.7	✓ 5-1 station 5-5			
✓ 10-2	730.5	No bedrock at 100'			
✓ 10-1	728.6				
✓ 10-0	725.3				



Source



Temp



dest

1203
8
1195

DRILLER'S

TOP OF SAND

HOLE

STA

T.D.

BR

2X

4-30

5-40

5-40

8-40 30

9-100

10-200 100

450 ~~400~~ 310

280

10

270

310

1-1

3.5

20' 20' 19'

①

1-2

3.0

22' 22' 18'

1-3

2.5

22' 20' 18'

1-4

2.25

22' 22' 19'

1-5

2.0

30' 35' 29' ← ← ← Loc to 25'

3-1

2

15' 15' 12'

3-2

3

22' 22' 19'

7-1

2.5

35' 35' 32'

7-2

3

70' 70' 63' caliche 25' 30'

7-3

3.5

72' 72' 70'

7-4

4

75' 75' 68'

7-5

4.5

71' 71' 69'

7-6

5

70' 75' 67' ← ← ← Loc to 70'

7-7

5.5

85' 85' 83'

7-8

6

72' 72' 67'

4-1

5

21' 7' evening Oct 29 796

4-1 cont

47' 47' 44'

4-2

—

95' 95' 85' evening Oct 30 917 200 ft south of 4-1

5-1

5

70' 75' 67' evening Oct 31

5-1 CONT

8-1

2

70' 70' 65'

10-1

5

10' evening Nov 1 = 1025 ft

9-1

5

45' → 90' evening Nov 2

9-1

5

45' → 90'

evening Nov 2


50 ft left

175 ft

80

95



 **GEOPHYSICAL EXPLORATION COMPANY**
810 W. GRANT ROAD, P.O. BOX 5964, TUCSON, ARIZONA 85703. PHONE: (602) 923-0578

LOCATION MAP
GEOPHYSICAL STATIONS AND DRILL HOLES
GONZALES WASH. EAST HALF
LA PAZ COUNTY, ARIZONA
FOR LA PAZ MINING INC.
GEOEX. JOB #1718 Nov. 9, 1984

SECTION
34

740


JV-4 NE JV-3 NW

BM 748

CORNER
JV-3 = 9-4

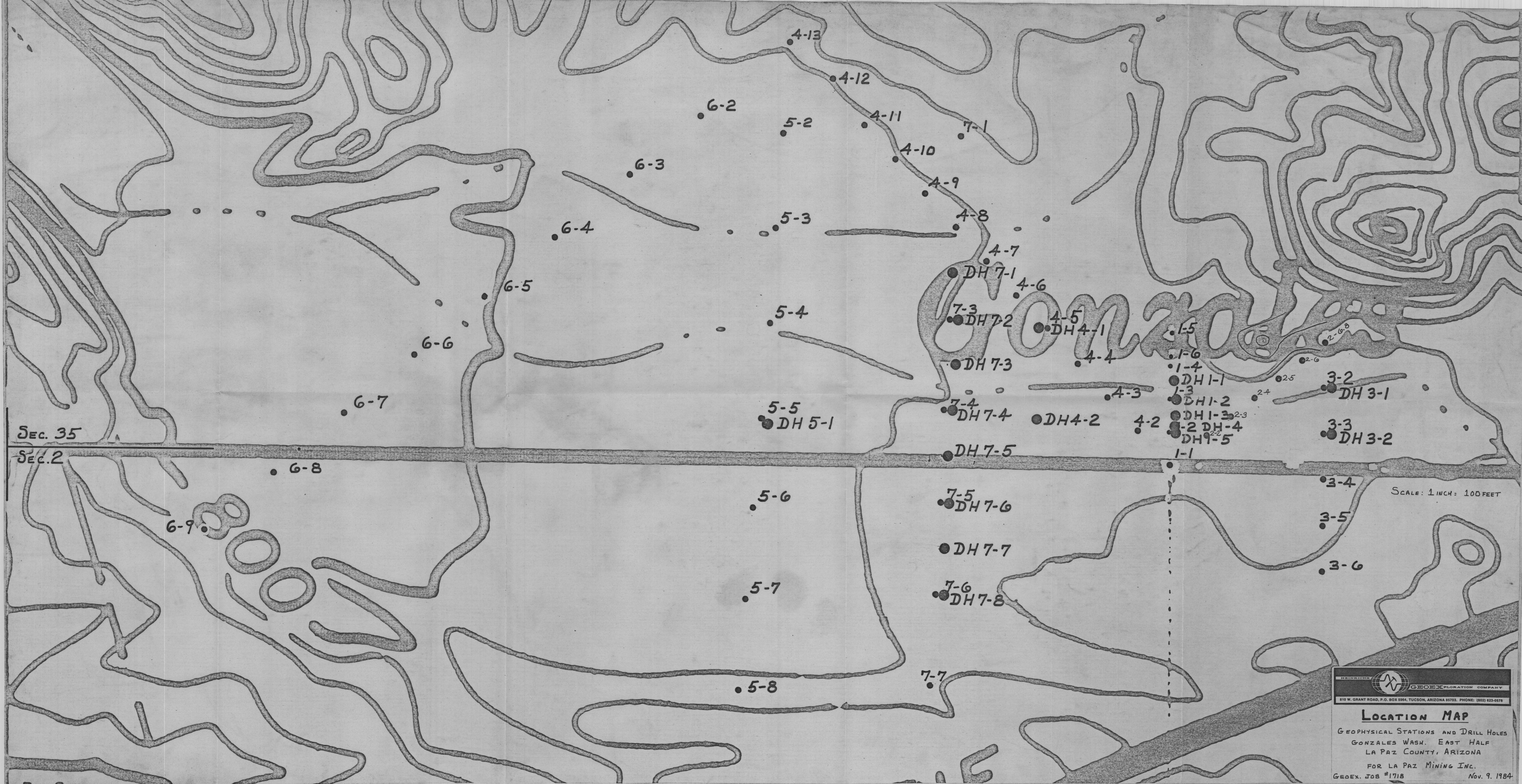
9-0 = JV-3 CORNER 6

1/4 CORNER

 **GEOPHYSICAL COMPANY**
810 W. GRANT ROAD, P.O. BOX 5564, TUCSON, ARIZONA 85703. PHONE: (602) 625-0578

LOCATION MAP
GEOPHYSICAL STATIONS AND DRILL HOLES
GONZALES WASH. WEST HALF
LA PAZ COUNTY, ARIZONA

FOR LA PAZ MINING INC.
Geox. JOB #1718 Nov. 9, 1984



	STA.	TIME	READING	BASE CORR.	Δt	DRIFT CORR.	VALUE
1	OCT 25-	1984	RBZ				
2	4-11	8:08	4986				
3	4-13	8:13	4989				
4	4-12	8:17	4991	ON REPTIMEN			
5	4-12	8:28	4987	LOW IN ARROYO GRAVEL			
6	4-10	8:32	4990				
7	4-9	8:35	4991	NEAR OUTCROP			
8	4-8	8:37	4992	NEAR OUTCROP			
9	4-7	8:41	4989				
10							
11	5-4	10:00	4990				
12	5-5	10:02	4990				
13	5-4.5	10:03	4989				
14							
15	OCT-29-1984		BY RBZ				
16	4-3	8:47	4995				
17	4-5	8:55	4999				(2)
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

	STA.	TIME	READING	BASE CORR.	Δt	DRIFT CORR.	VALUE
1	3-5	8:32	4990				
2	3-3	8:35	4992				
3	2-6.8	8:38	4992				
4	1-2	8:42	4967				
5	TOP OF HILL	8:45	4992				
6	7-7	9:25	4990				
7	7-6	9:32	4989				
8	SWIS SET	9:37	4986				
9	7-5	9:40	4991				
10	7-4	9:42	4992				
11	7-4	9:44	4991				
12	7-3	9:48	4991				
13	7.25	9:50	4989				
14	7-2	9:52	4998				
15	7-8	9:55	5042				
16	7-1	9:58	4987				
17		10:02	5005				
18							
19	5-5	11:50	4989				
20	~5-5	11:57	4989				
21	5-7	12:56	4988				
22	5-8	11:59	4988				
23	~5.4	12:03	4988				
24	5.4	13:15	4991				
25	4-13	14:11	4990				
26		14:20	4991				
27	1-2	15:05	4994				
28	TR-112	15:06	4992				
29							
30							

STD-112

SEE 7:50 TIME

SUB BASE

@ 5.5

TR: 7-4.5

= STA 4-8

(5' OFF)

(17)

WENT EAST 165' TO POINT

< LUNCH

= 5-1 = 5-1

WENT NORTH 185' TO RIGHT

SUB BASE

	STA.	TIME	READING	BASE CORR.	Δt	DRIFT CORR.	VALUE
1	1-10 ^{etc}	9:15	5000				
2	1-2	9:17	4996				
3	1-3	9:28	4994				
4	1-2.5	9:30	4999				
5	1-2.25	9:31	4996				
6	1-2.75	9:31.5	4996				
7	1-3.25	9:32	4995				
8	1-3.5	9:33	4995				
9	1-3.75	9:34	4995				
10	1-4	9:35	4994				
11	1-4.25	9:37	4992				
12	1-4.50 ^{etc}	9:38	5004				
13	1-4.75 ^{etc}	9:39	5007				
14	1-5 ^{etc}	9:41	5002				
15	1-2 ^{below}	9:53	4995				
16	1-2 ^{top bank}	9:55	4994				16
17							
18	-						
19		5 outcrop moved					
20	2-1.40	10:12	4993				
21	2-2	10:13	4993				
22	2-2.5	10:21	4991				
23	2-3	10:22	4990				
24	2-4	10:30	4990				
25	2-4.5	10:31	4992				
26	2-5	10:32	4993				
27	2-6	10:38	4993				
28	2-6 ^{outcrop}	10:39	5002				
29	(2.66)						
30	1-2	11:51	4995				10

	STA.	TIME	READING	BASE CORR.	Δt	DRIFT CORR.	VALUE
1	5-2	12:29	4989			1400	1200
2	5-3	12:34	4989			1200	1000
3	5-4	12:45	4990			1000	800
4	5-5	12:53	4990			800	600
5	5-6	13:09	4990			600	400
6	5-7	13:24	4989			400	200
7	5-8	13:35	4990	✓		200	0
8	1-2	13:51	4993		AT 1600	USE	4990
9	6-2	15:22	4987	NE			1400
10	6-3	15:51	4985				1200
11	6-4	15:55	4986				1000
12	6-5	16:13	4985				800
13	6-6	16:22	4985				600
14	6-7	16:40	4985				400
15	6-8	16:50	4983				200
16	6-9	17:15	4984	SW			
17	1-2	17:37	4992		END OF DAY		(32)
18							
19	10/20/84						
20							
21	1-2	10:08	4994				
22	schist outcrop						
23	7-1	10:30	4991				1300
24	7-2	10:50	4999	(25' to top)			1100
25	7-3	10:56	4991				900
26	7-4	11:04	"				700
27	7-5	11:19	4992				500
28	7-5.5	11:24	4992				400
29	7-6	11:27	4992				300
30							

composite

$$\begin{array}{r} 44 \\ \hline 100 \end{array} \quad \begin{array}{r} 10 \\ \hline x \end{array}$$

$$44x = 1000$$

$$x =$$

	STA.	TIME	READING	BASE CORR.	Δt	DRIFT CORR.	VALUE
1	7-7	11:37	4991 (not etc?)				100
2							
3	8-0	8:49	4985	ALSO BASE			
4	8-1	8:55	4982				
5	8-2	9:19	4979				
6	8-3	9:22	4974				
7	8-4	9:30	4972				
8	8-0	9:42	4986	BASE			
9	Note: 9-13 is 23' SW of 1/4 for S34°S 35' (on						
10	NE 1/4						
11	9-0	1:00	4988				
12	9-1	1:20	4985	(by road scales)			
13	9-2	1:45	"	fuel tank			
14	9-3	1:48	4987	(T.P. 121)			
15	9-4	1:57	4986	N			
16	9-5	2:15	4985	NE			
17	9-6	2:33	4987				
18	9-7	2:40	4988				
19	9-8	2:55	4990				
20	9-9	3:17	4990				
21	9-10	3:40	4990				
22	9-11	4:10	4992				
23	9-12	4:15	4992				
24	9-13	4:27	4991				
25	9-14	4:35	4994	(Granite etc.)			
26	9-0	16:55	4990	BASE			(31)
27							
28							
29							
30							

$$\begin{array}{r}
 24 \\
 \hline
 5 \overline{) 120} \\
 \underline{10} \\
 20
 \end{array}$$

	STA.	TIME	READING	BASE CORR.	Δt	DRIFT CORR.	VALUE
1	8-0	9:AM	4990	Sub base at "Gap"			
2							4987
3	10-?	9:04	4985	"	"	"	old leach plant
4	10-3	9:28	4989	+1			4990
5	10-2	9:32	4985	H ⁺ gradient			Magnetite 4987
6	10-1	9:37	4987	+1			4988
7	10-0	9:40	4987	(JV-3-NW)	+1		4988
8	10-4	9:48	4985	+2			4987
9	10-5	9:53	"	+2			4987
10	10-6	9:57	"	+2			4987
11	10-7	10:07	4986	+3	⊙		4989
12	10-8	10:10	4987	+3			4990
13	10-9	10:20	4988	(SL-10-SE at sta. 9.81)			4992
14	10-10	10:30	4991	+4			4995
15	10-11	10:43	4992	Magnetite float			4996
16	(from Sta 10.68 is granitic etc.)						
17	(10.68)						
18							
19	10-?	10:09	4984	+5			Leach plant sub base 4987
20							
21	8-0	11:15	4985	Sub base at "Gap"			
22	OCT-24-84			RBZ			
23	1-2	7:43	4958	BASE	NEAR DRILL RIG		
24	1-1	7:46	4993				
25	TOPOF SAME HILL			4992	⊙	7:50	
26	1-4	7:55	4989				
27	1-6	7:57	4988				
28	1-5	8:00	4997				
29	TOP OF THIS HILL 5010 e 503						
30	3-6	8:29	4994			(14)	

960

TABLE 1

MILLIGAL VALUES FOR LACOSTE & ROMBERG, INC. MODEL G GRAVITY METER #G- 546

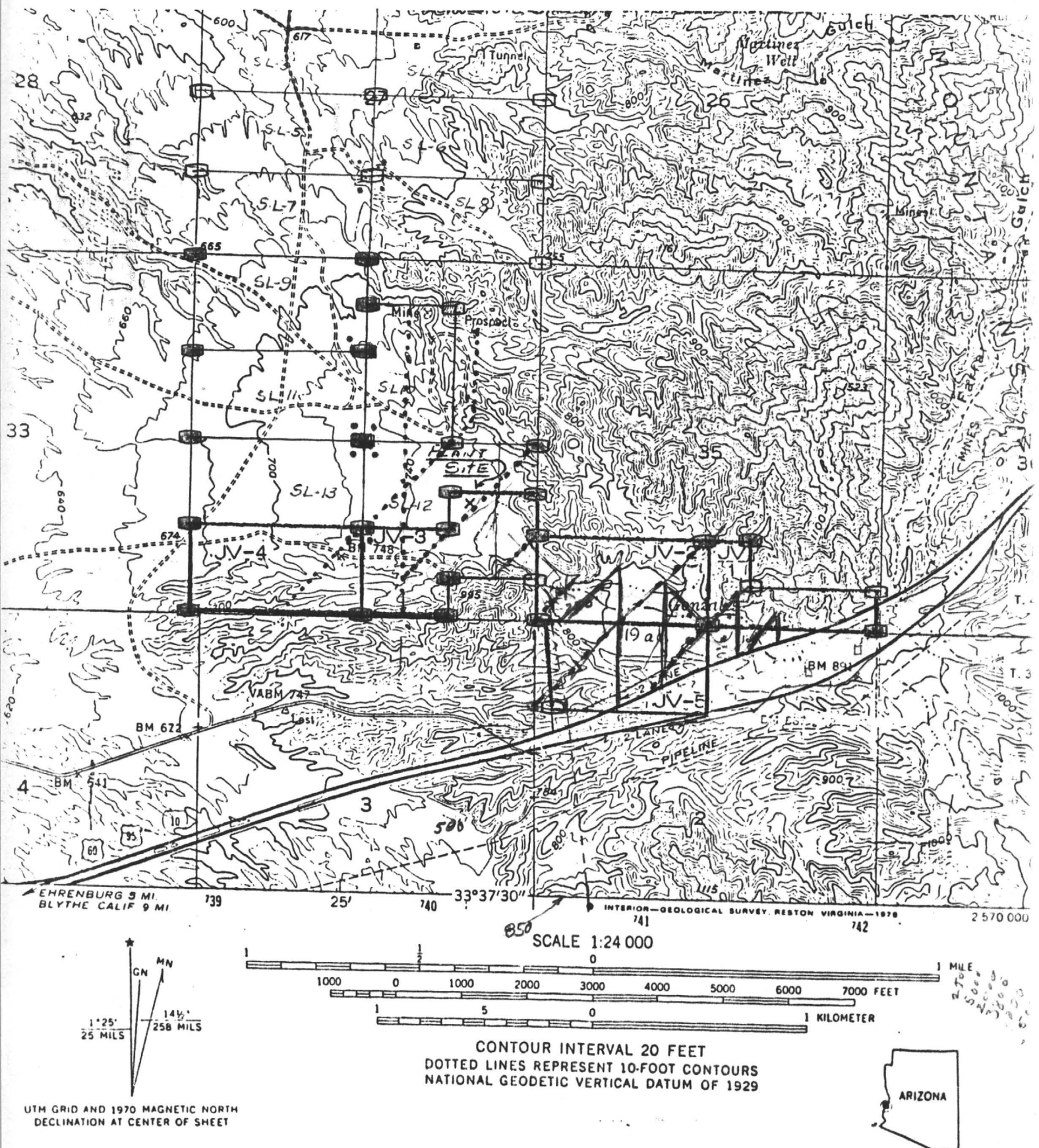
COUNTER READING*	VALUE IN MILLIGALS	FACTOR FOR INTERVAL	COUNTER READING*	VALUE IN MILLIGALS	FACTOR FOR INTERVAL
000	000.00	1.01468			
100	101.47	1.01474	3600	3660.27	1.01955
200	202.94	1.01480	3700	3762.23	1.01969
300	304.42	1.01487	3800	3864.20	1.01982
400	405.91	1.01494	3900	3966.18	1.01994
500	507.40	1.01502	4000	4068.17	1.02004
600	608.91	1.01509	4100	4170.18	1.02012
700	710.41	1.01517	4200	4272.19	1.02017
800	811.93	1.01525	4300	4374.20	1.02023
900	913.46	1.01535	4400	4476.23	1.02028
1000	1014.99	1.01545	4500	4578.26	1.02031
1100	1116.54	1.01557	4600	4680.29	1.02033
1200	1218.09	1.01569	4700	4782.32	1.02036
1300	1319.66	1.01583	4800	4884.36	1.02038
1400	1421.25	1.01598	4900	4986.39	1.02039
1500	1522.84	1.01612	5000	5088.43	1.02039
1600	1624.46	1.01629	5100	5190.47	1.02038
1700	1726.08	1.01646	5200	5292.51	1.02036
1800	1827.73	1.01663	5300	5394.55	1.02033
1900	1929.39	1.01682	5400	5496.58	1.02029
2000	2031.08	1.01699	5500	5598.61	1.02023
2100	2132.77	1.01717	5600	5700.63	1.02016
2200	2234.49	1.01736	5700	5802.65	1.02010
2300	2336.23	1.01753	5800	5904.66	1.02002
2400	2437.98	1.01770	5900	6006.66	1.01992
2500	2539.75	1.01786	6000	6108.65	1.01982
2600	2641.54	1.01803	6100	6210.63	1.01972
2700	2743.34	1.01818	6200	6312.60	1.01959
2800	2845.16	1.01835	6300	6414.56	1.01944
2900	2946.99	1.01851	6400	6516.51	1.01927
3000	3048.84	1.01868	6500	6618.43	1.01909
3100 ₍₂₀₎₍₂₅₎	3150.71 ₍₂₂₎₍₂₇₎	1.01882 ₍₂₁₎₍₂₆₎	6600	6720.34	1.01890
3200	3252.59	1.01897	6700	6822.23	1.01871
3300	3354.49	1.01912	6800	6924.10	1.01849
3400	3456.40	1.01927	6900	7025.95	1.01827
3500	3558.33	1.01942	7000	7127.78	

* Note: Right-hand wheel on counter indicates approximately 0.1 milligal.

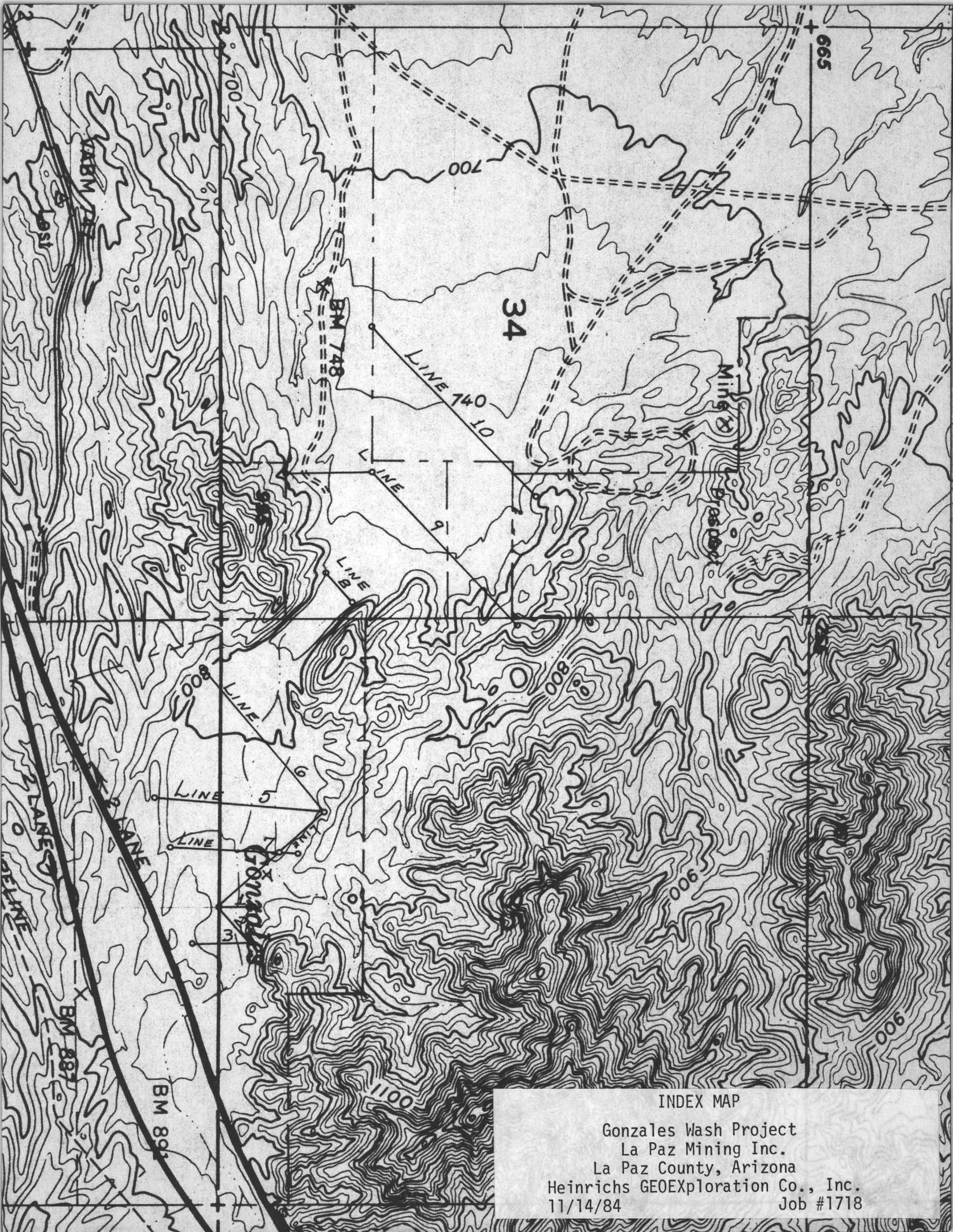
8-28-79

rp

INDEX MAP
LA PAZ MINING INC.
JV CLAIM GROUP
LA PAZ COUNTY, ARIZONA

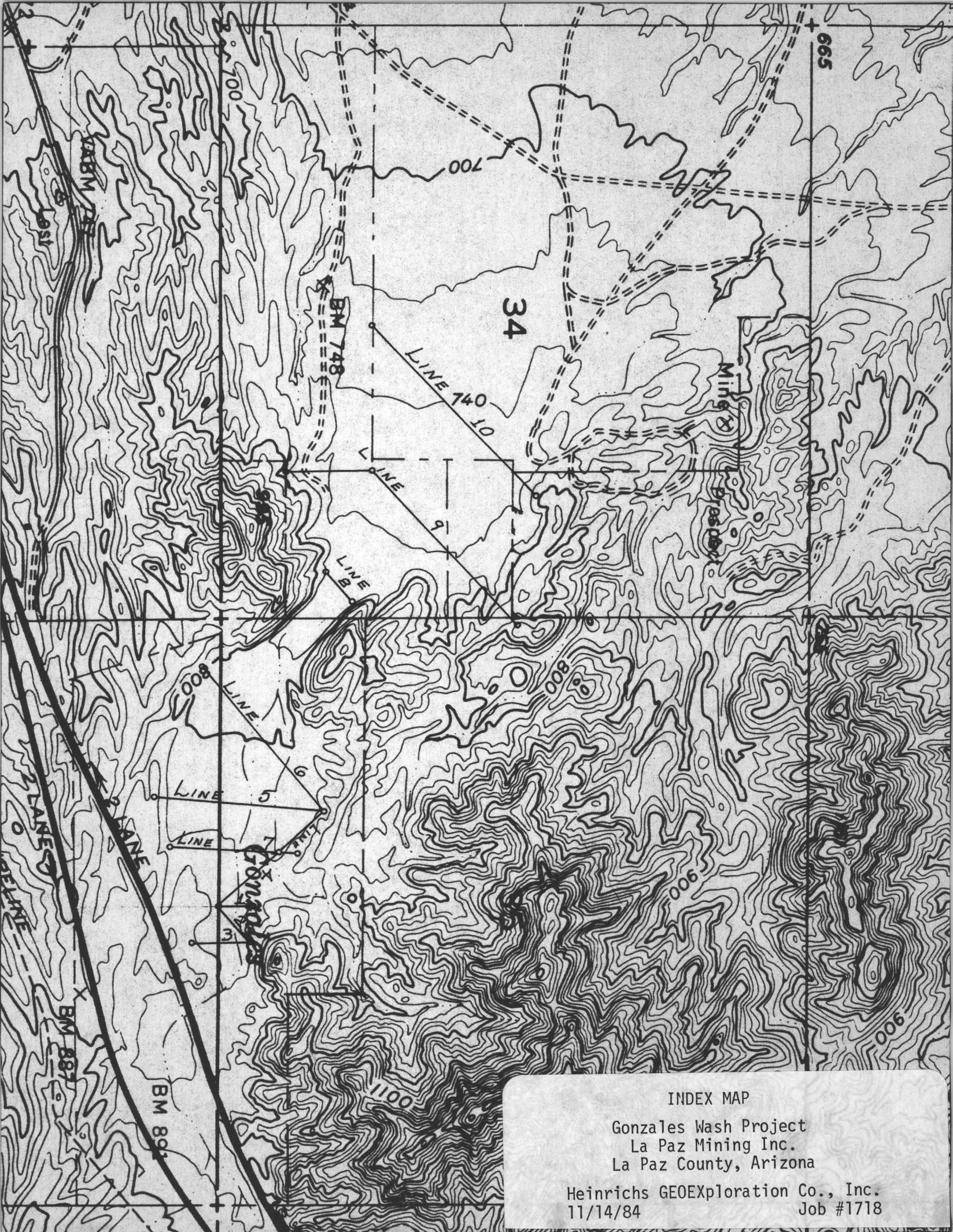


at #2 construction



INDEX MAP

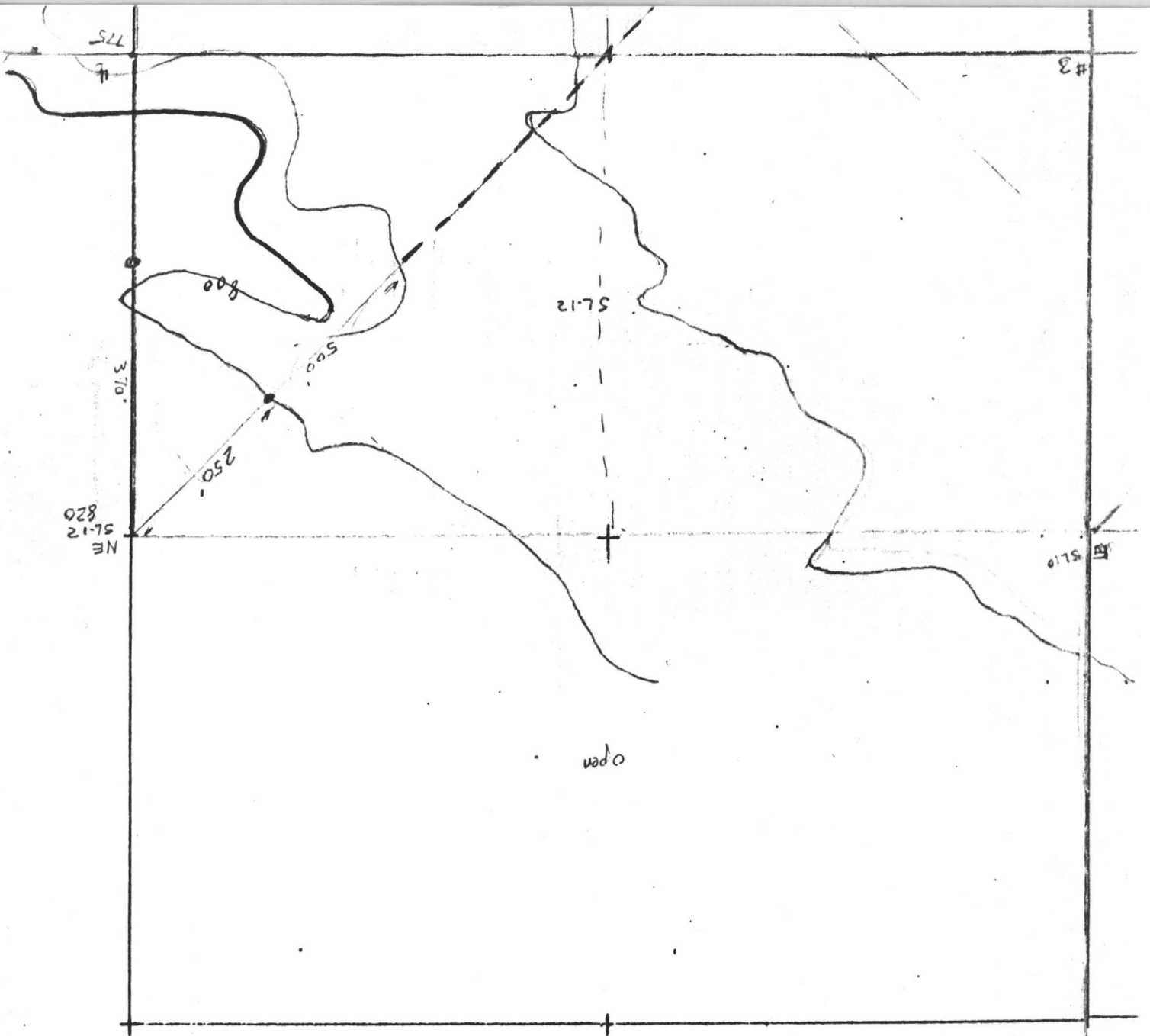
Gonzales Wash Project
La Paz Mining Inc.
La Paz County, Arizona
Heinrichs GEOEXploration Co., Inc.
11/14/84 Job #1718

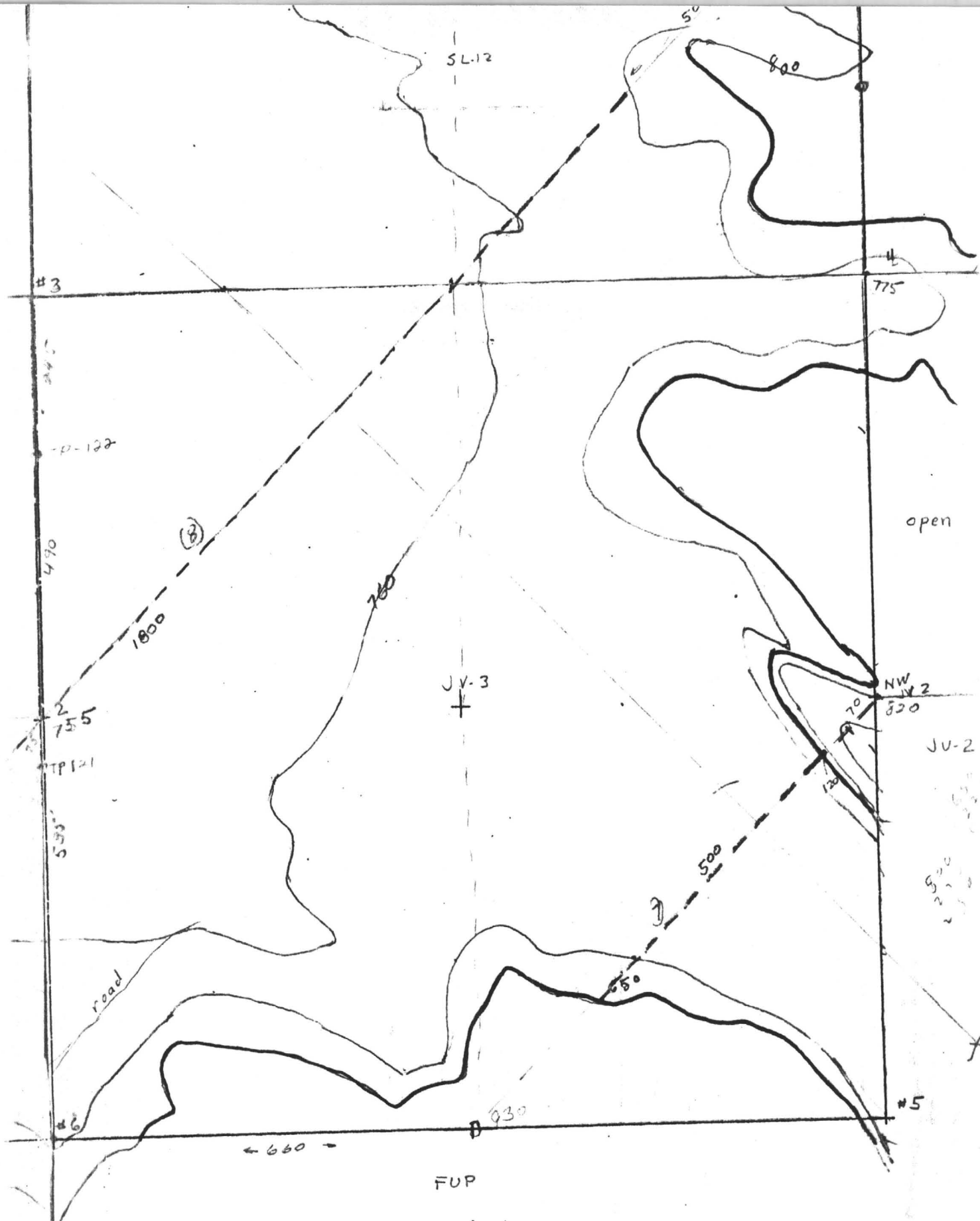


INDEX MAP

Gonzales Wash Project
La Paz Mining Inc.
La Paz County, Arizona

Heinrichs GEOEXploration Co., Inc.
11/14/84 Job #1718





SL 13

SL 12

10

9

4204300

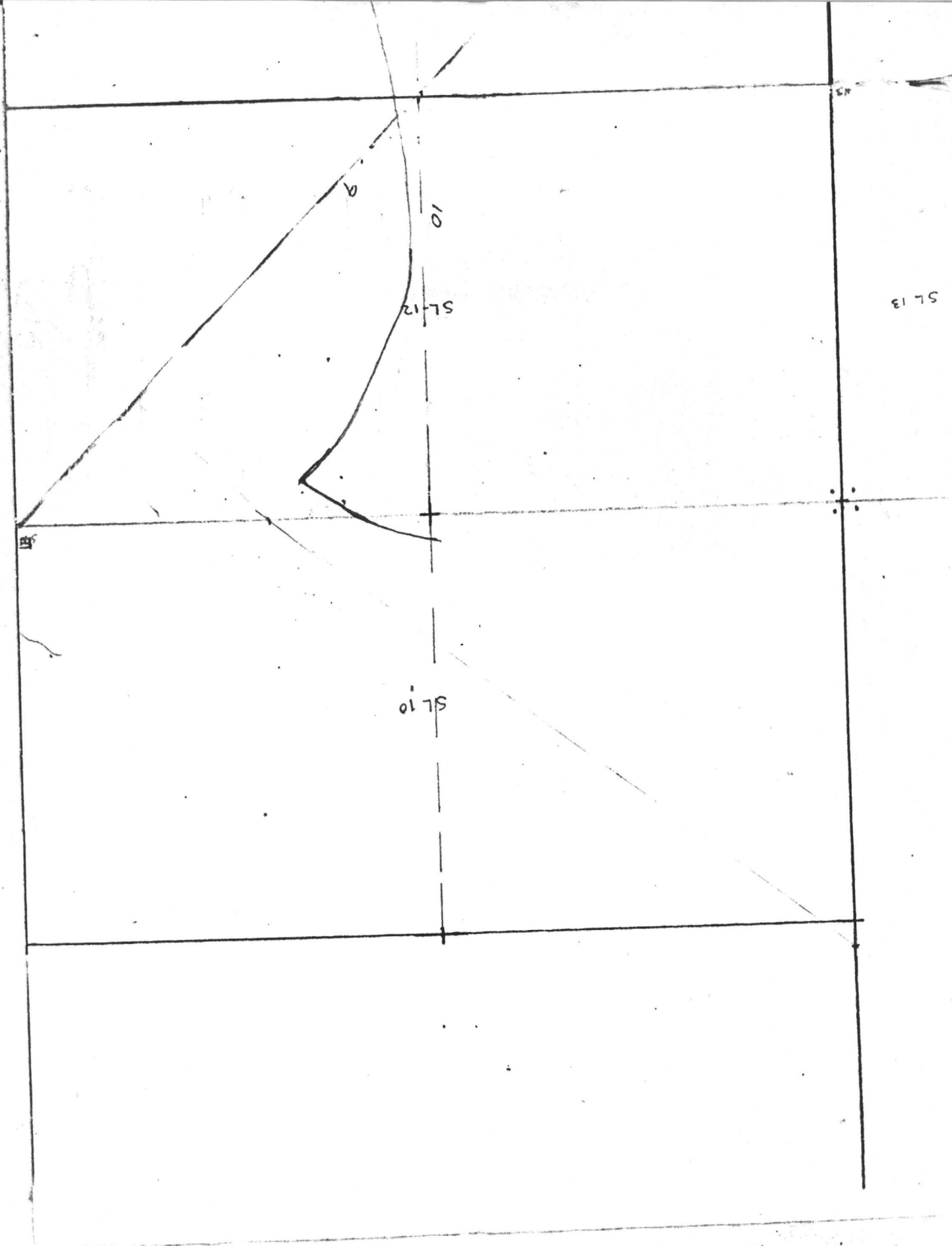
SL 12

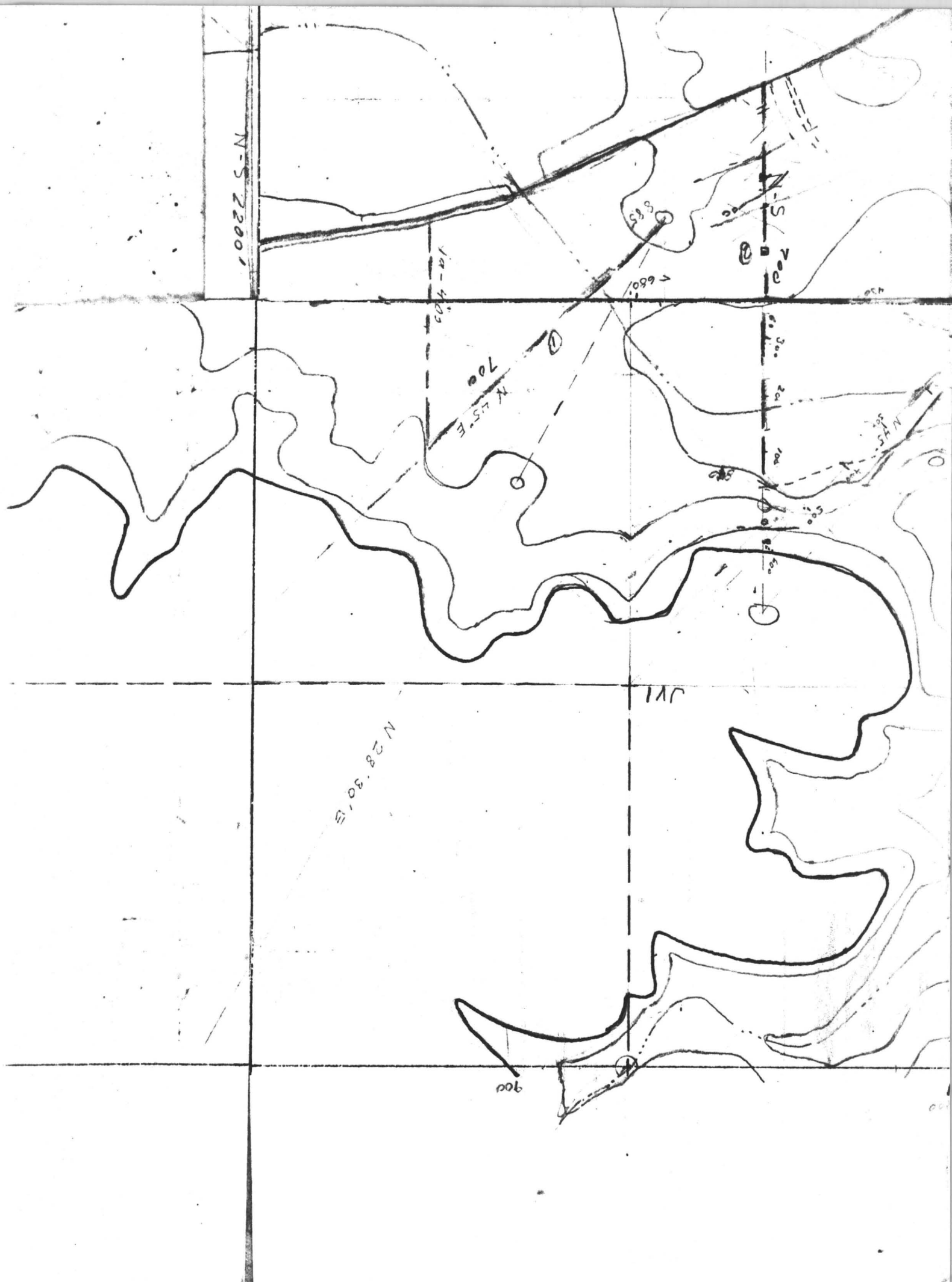
740

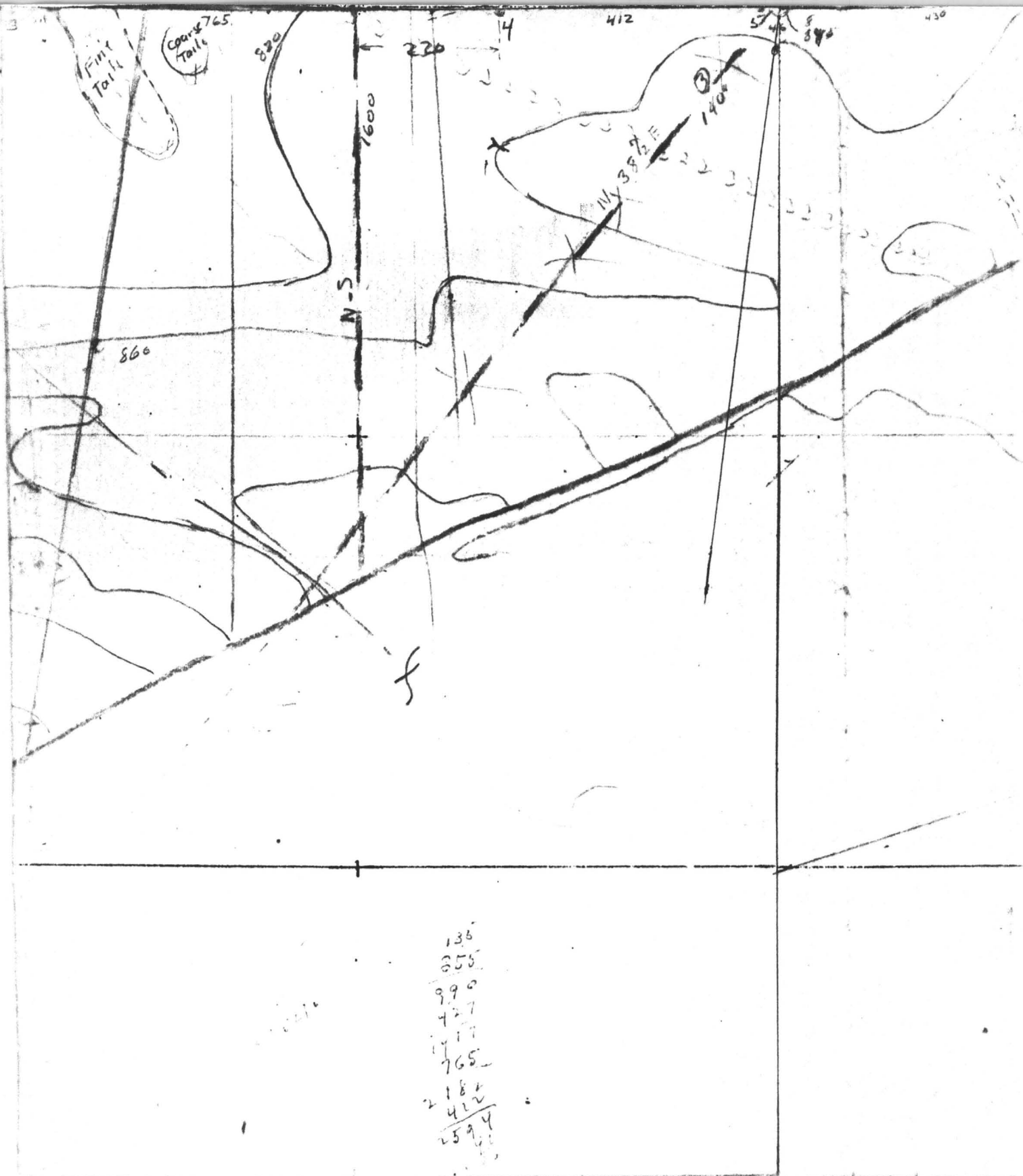
SL 13

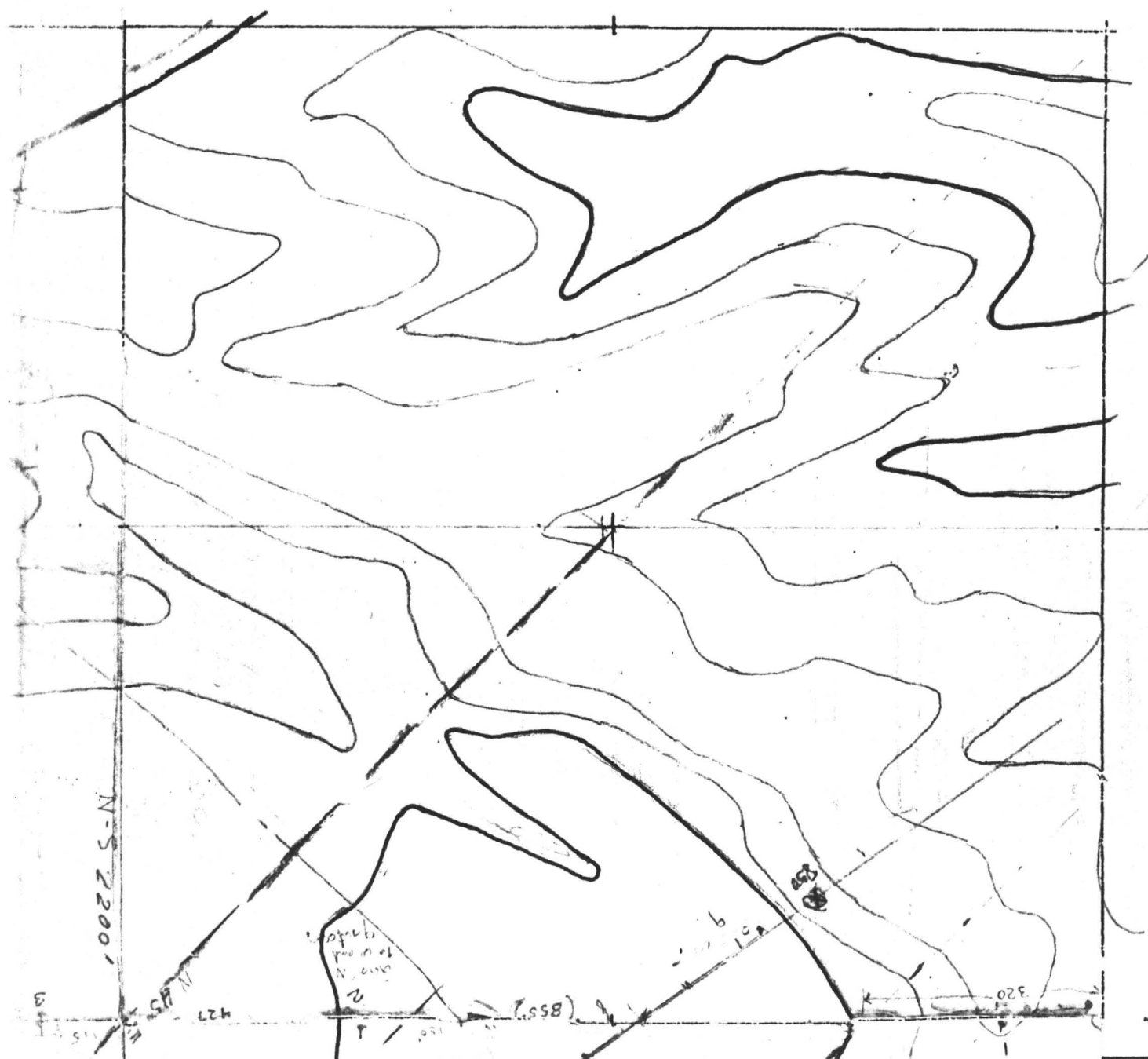
JV-4

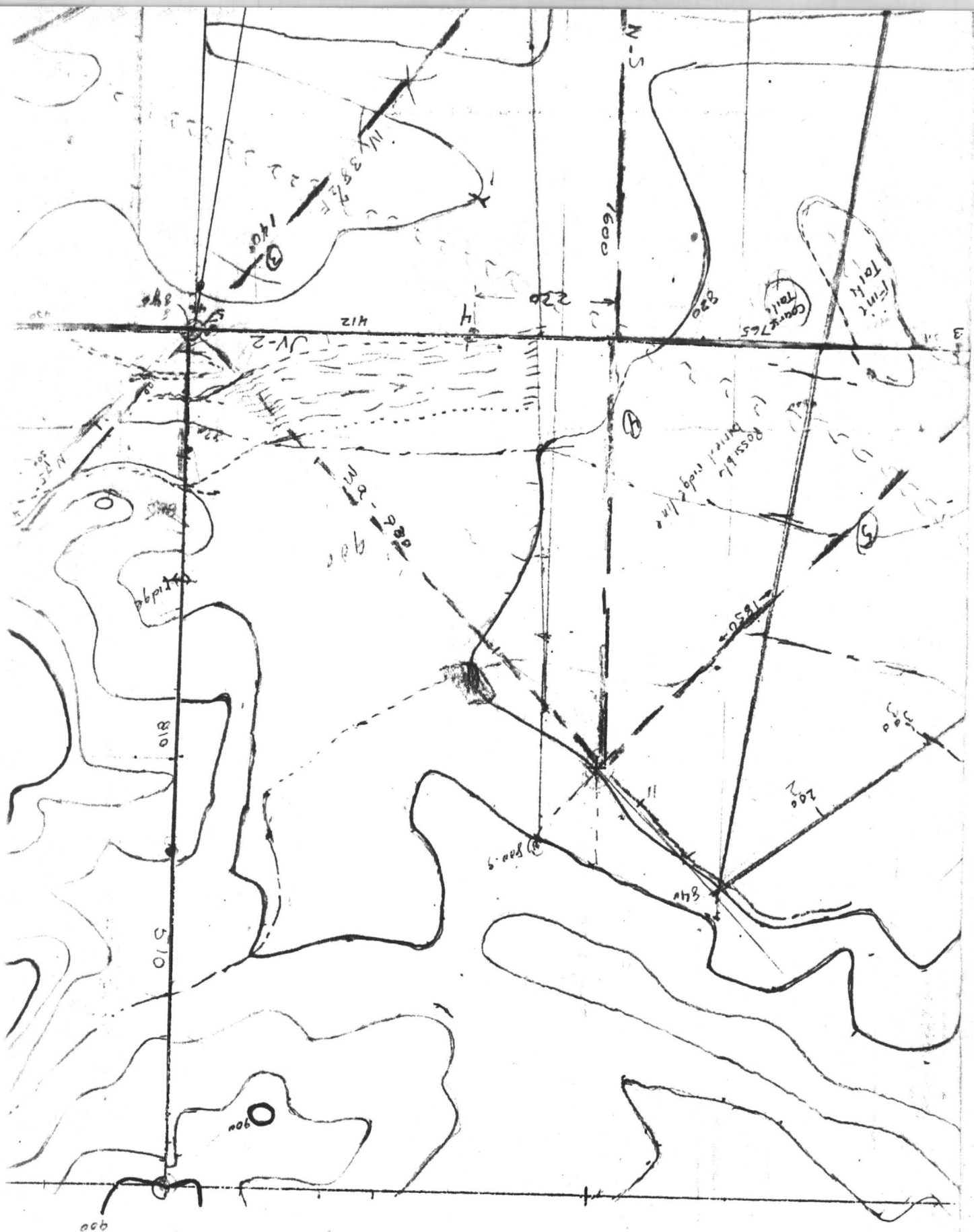
J-VB

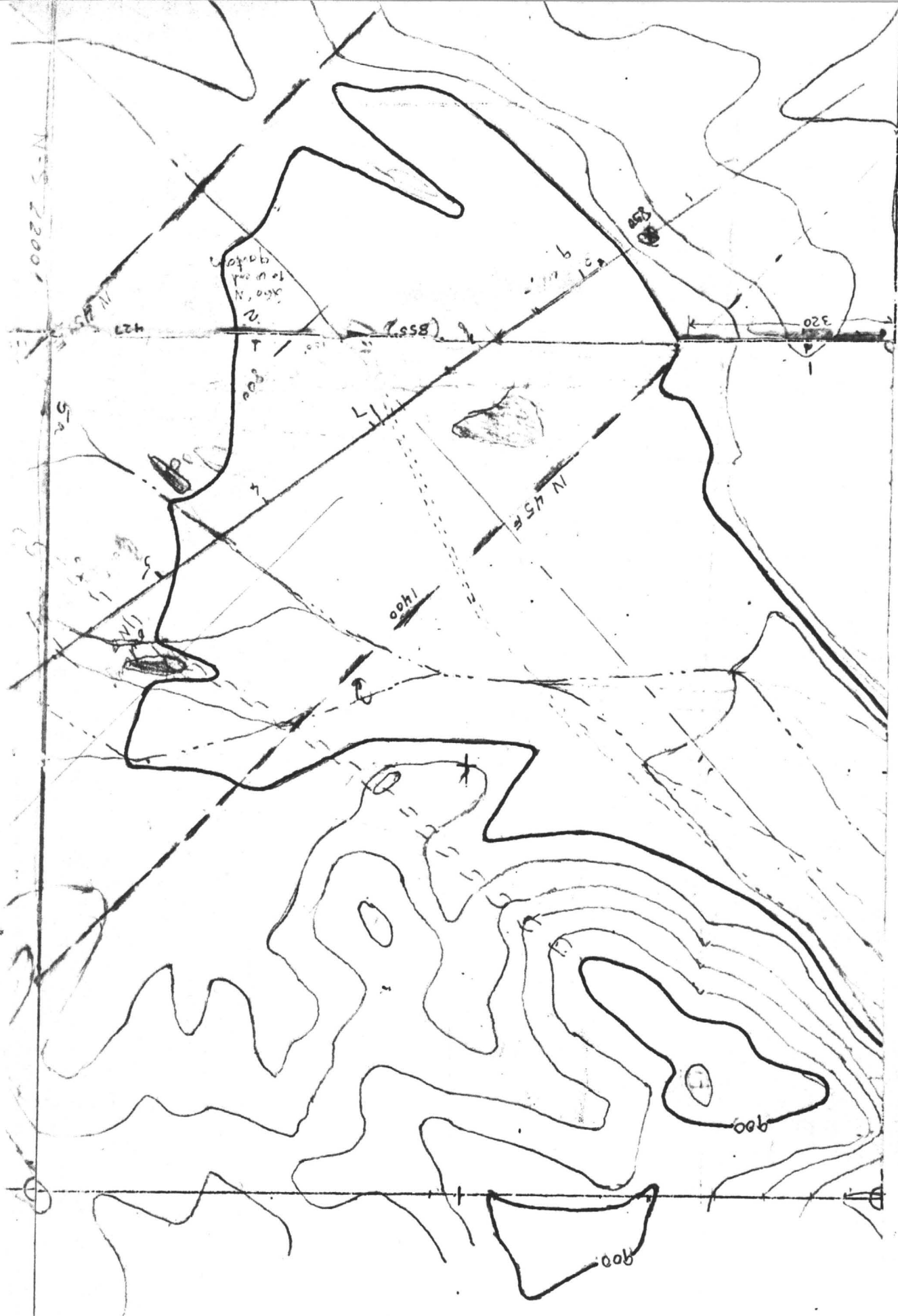


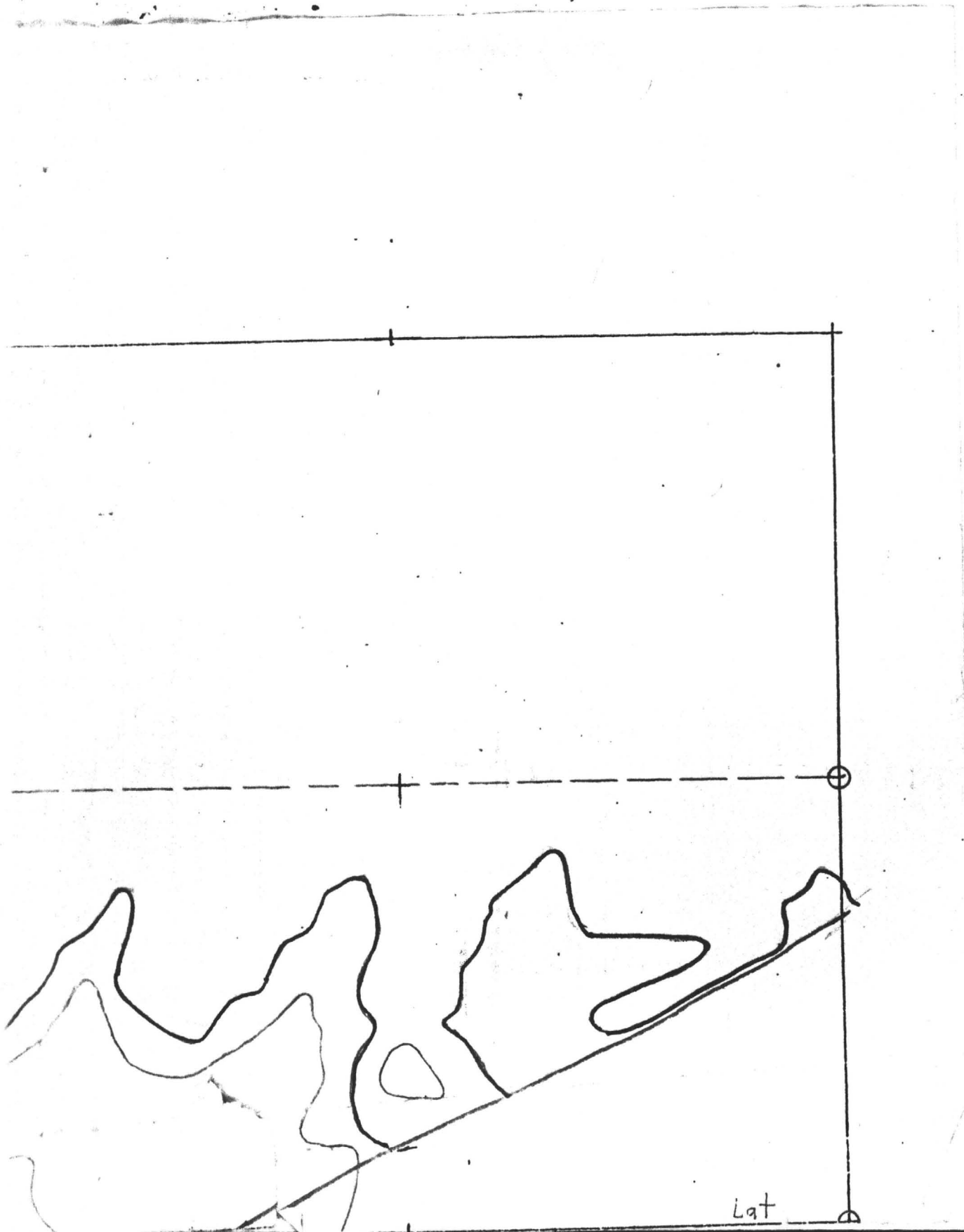


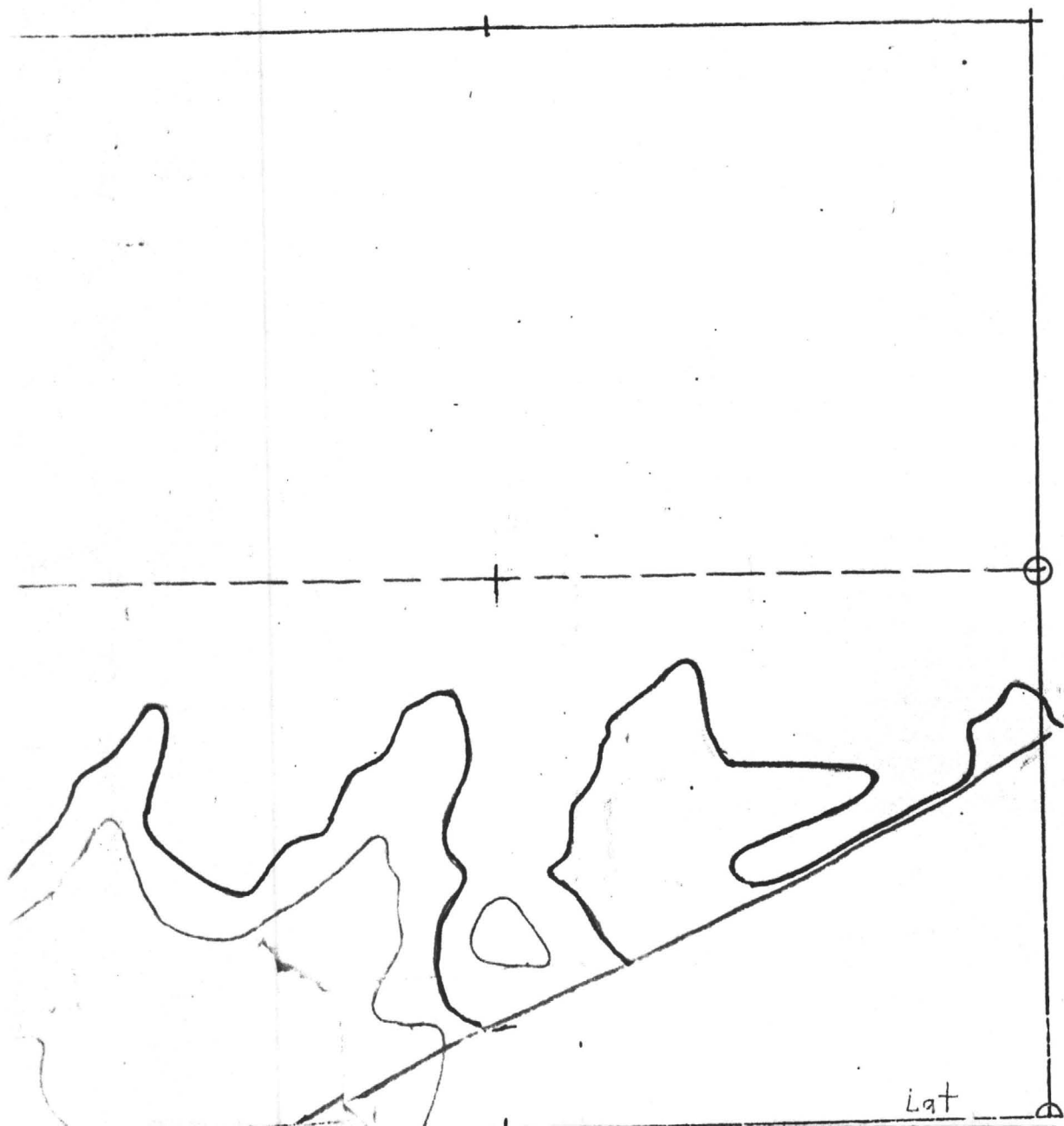






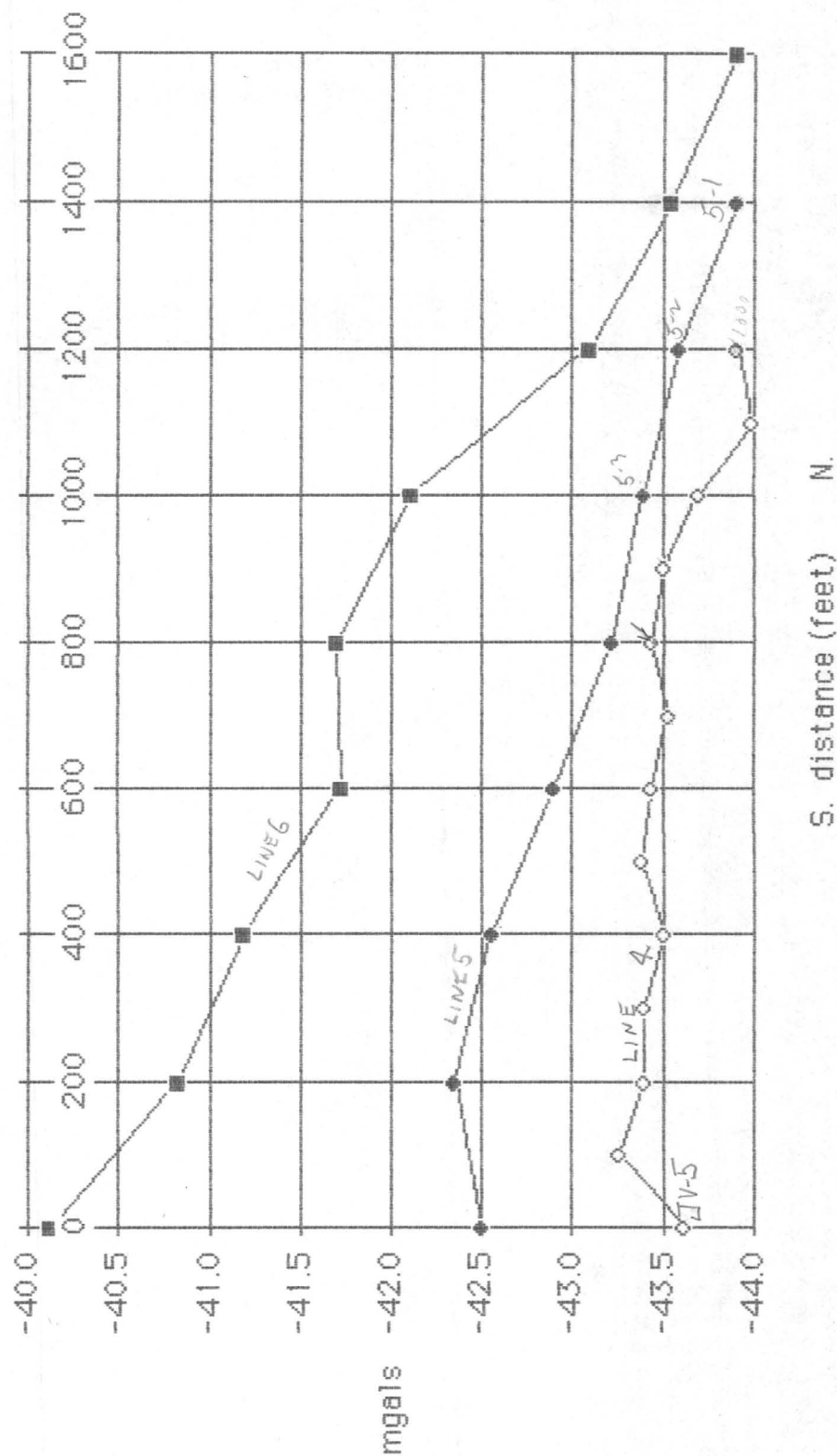






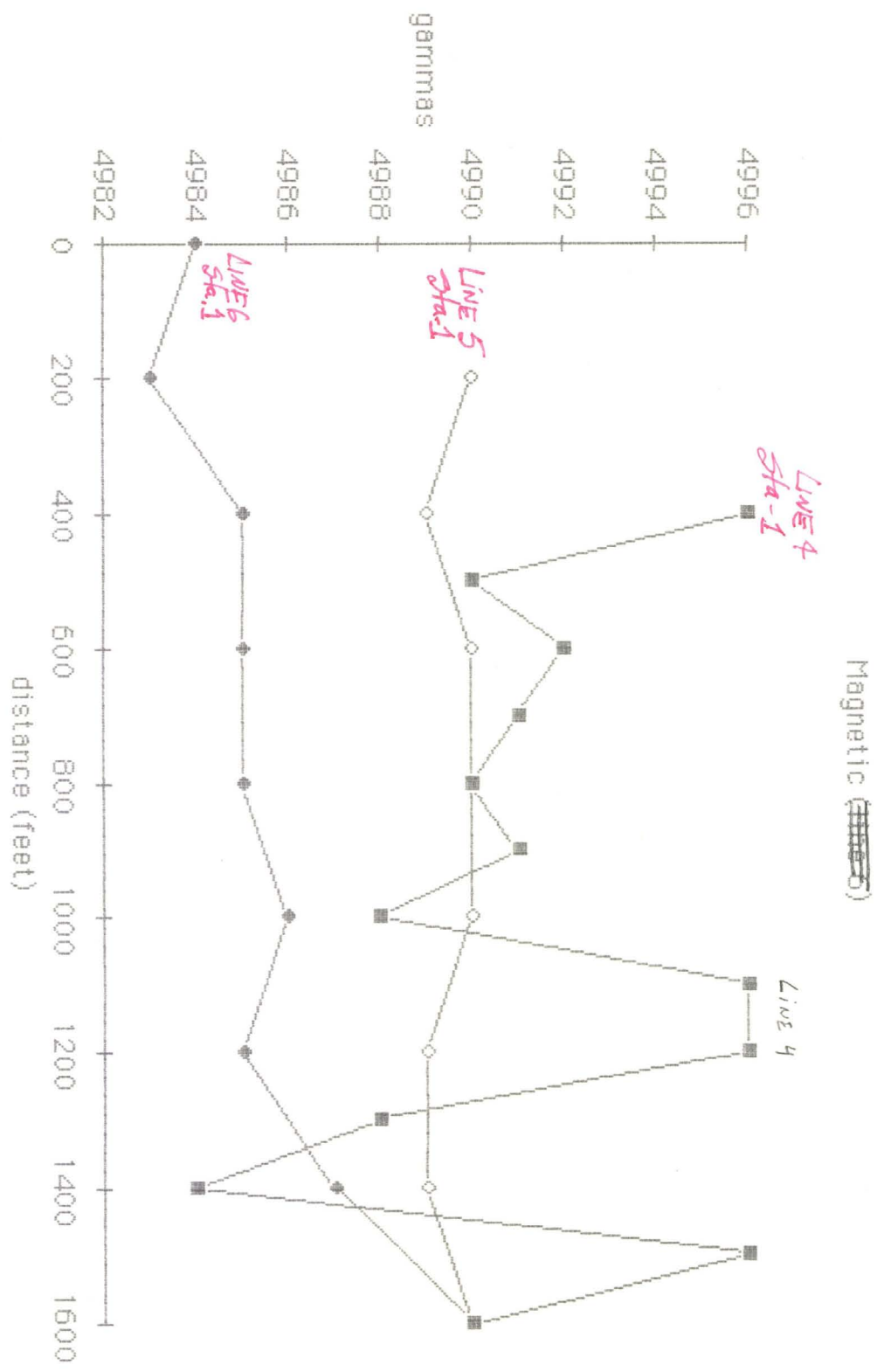
Gonzales Wash Lines 4,5,6

Gravity (line 5)



North

South

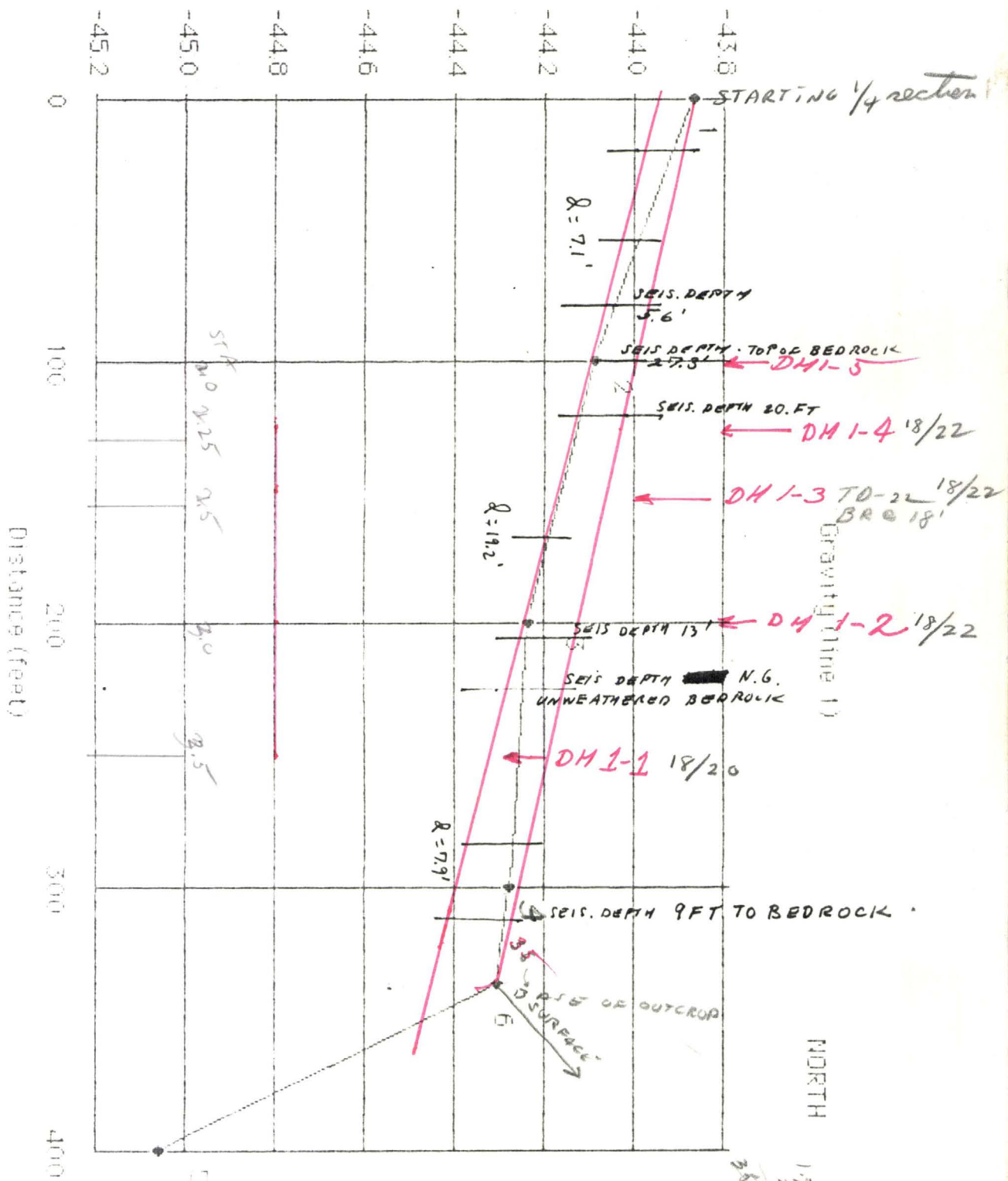


S.

N.

SOUTH

mgs

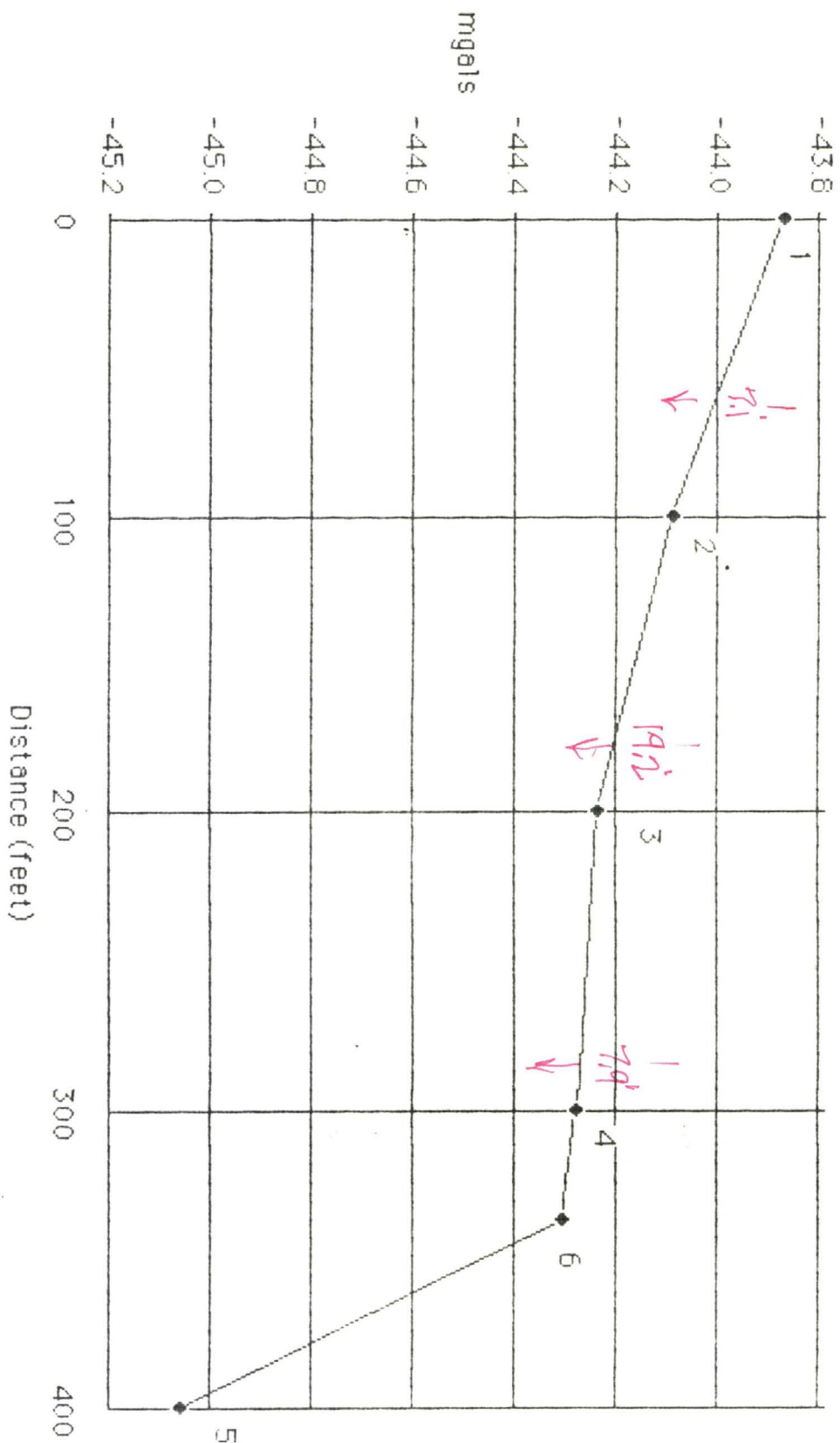


1000

dh	1-#	19'	3.5	5104.00
1-2	18'	3.0		
1-3	18'	2.5		
1-4	19'	2.25		
1-5	29'	2.		

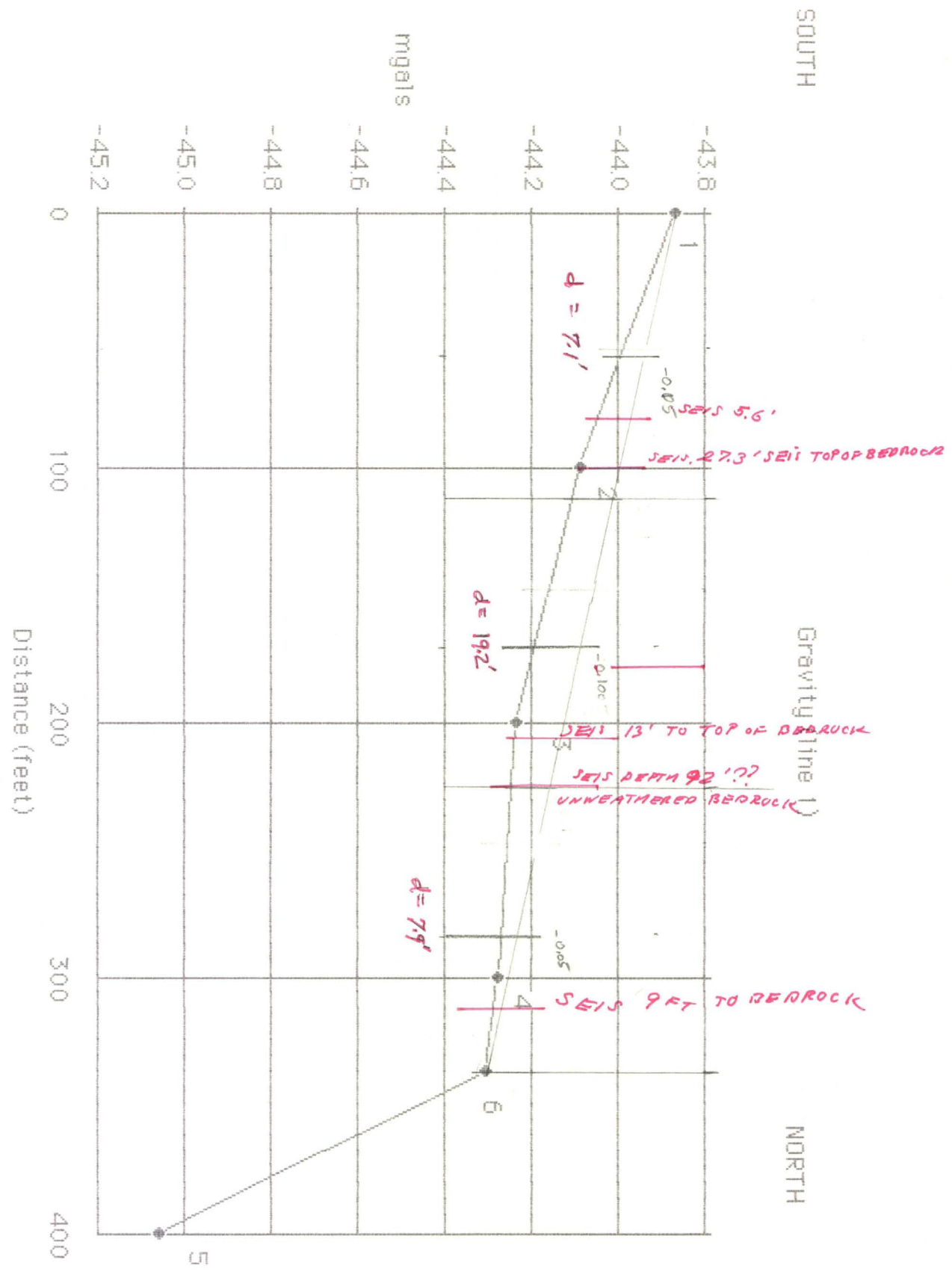
Gravity (line 1)

NORTH



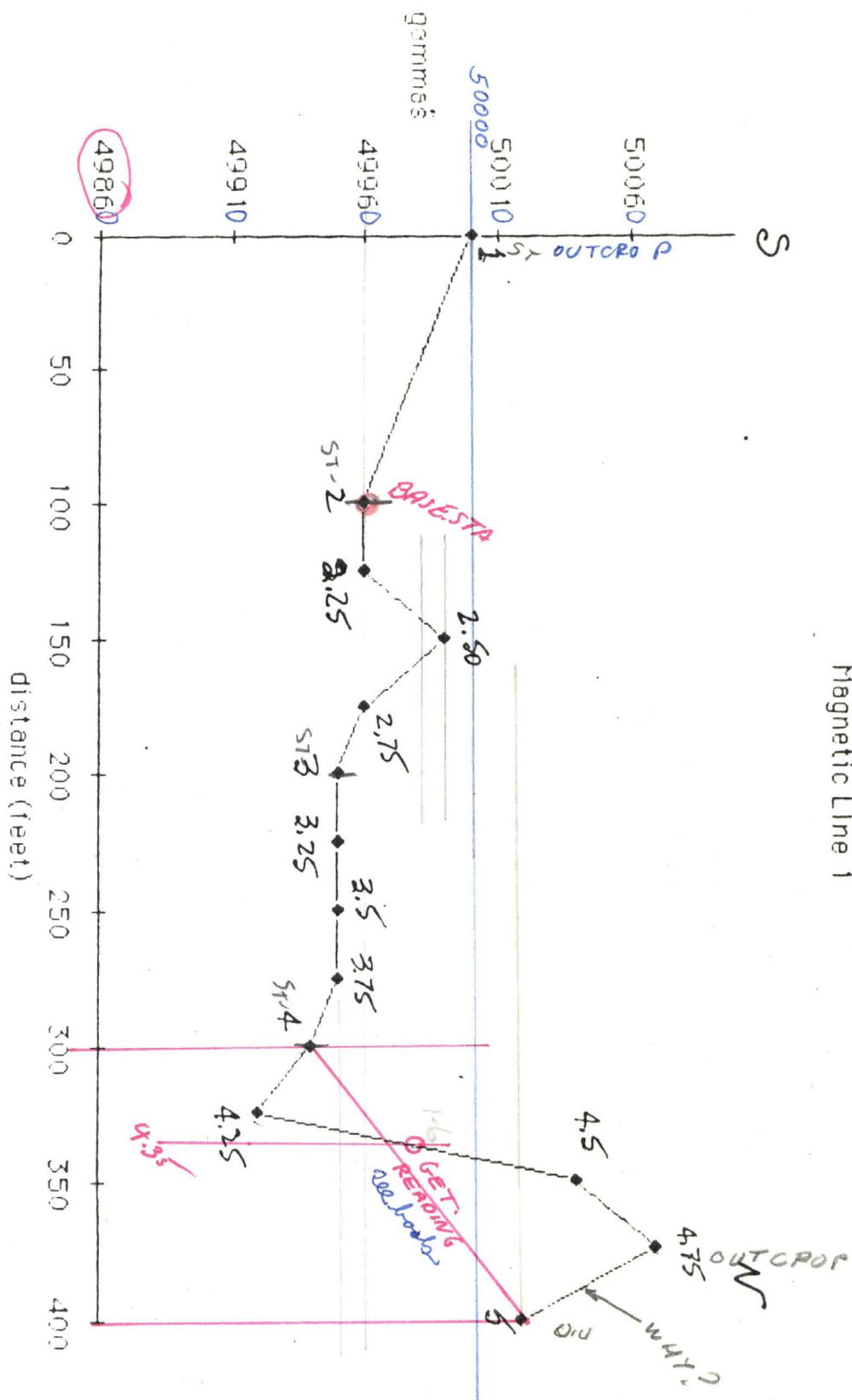
10.15

NG



RBZ

Magnetic Line 1

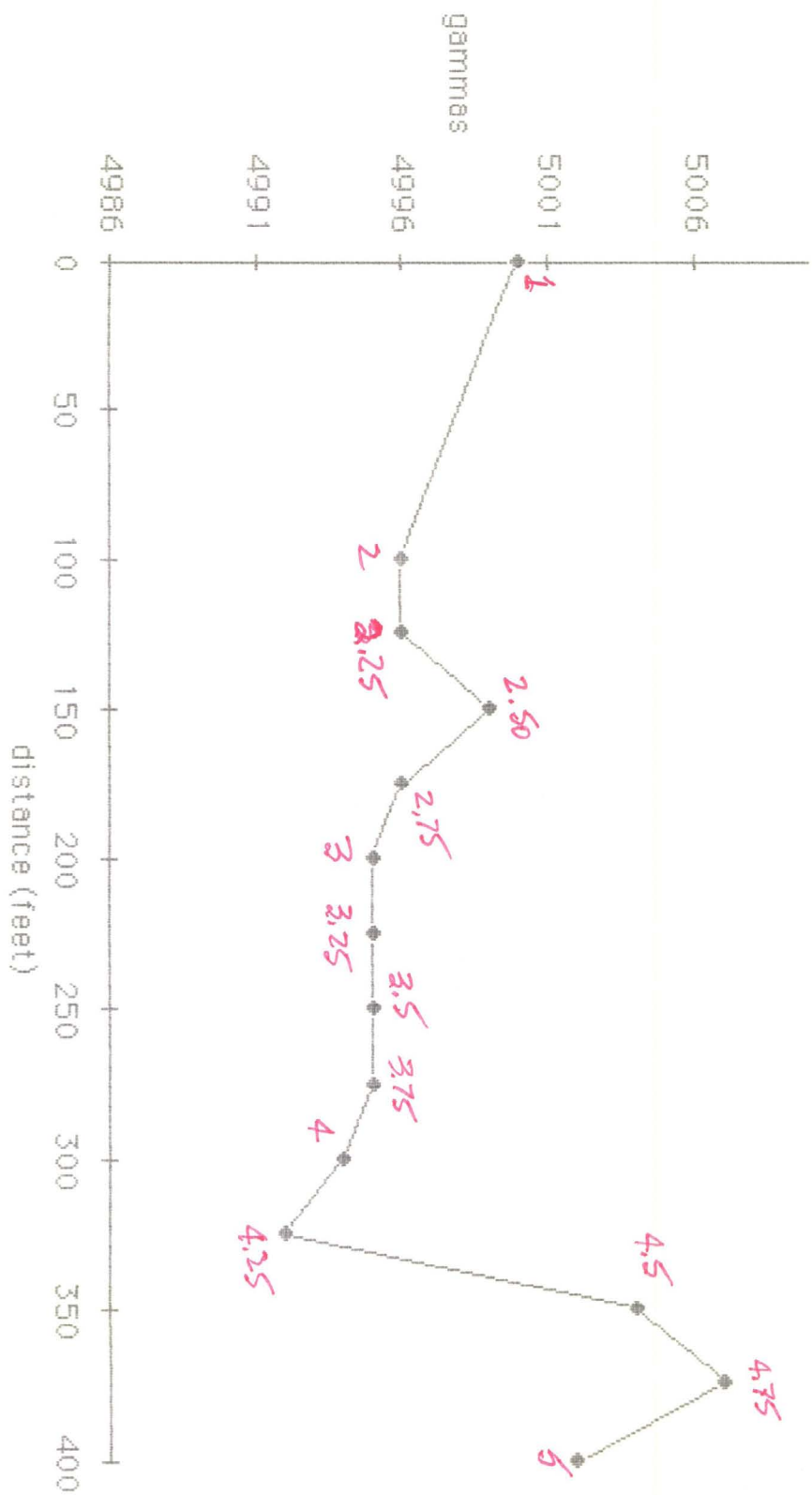


SOUTH

PORTH

12/15

Magnetic Line 1

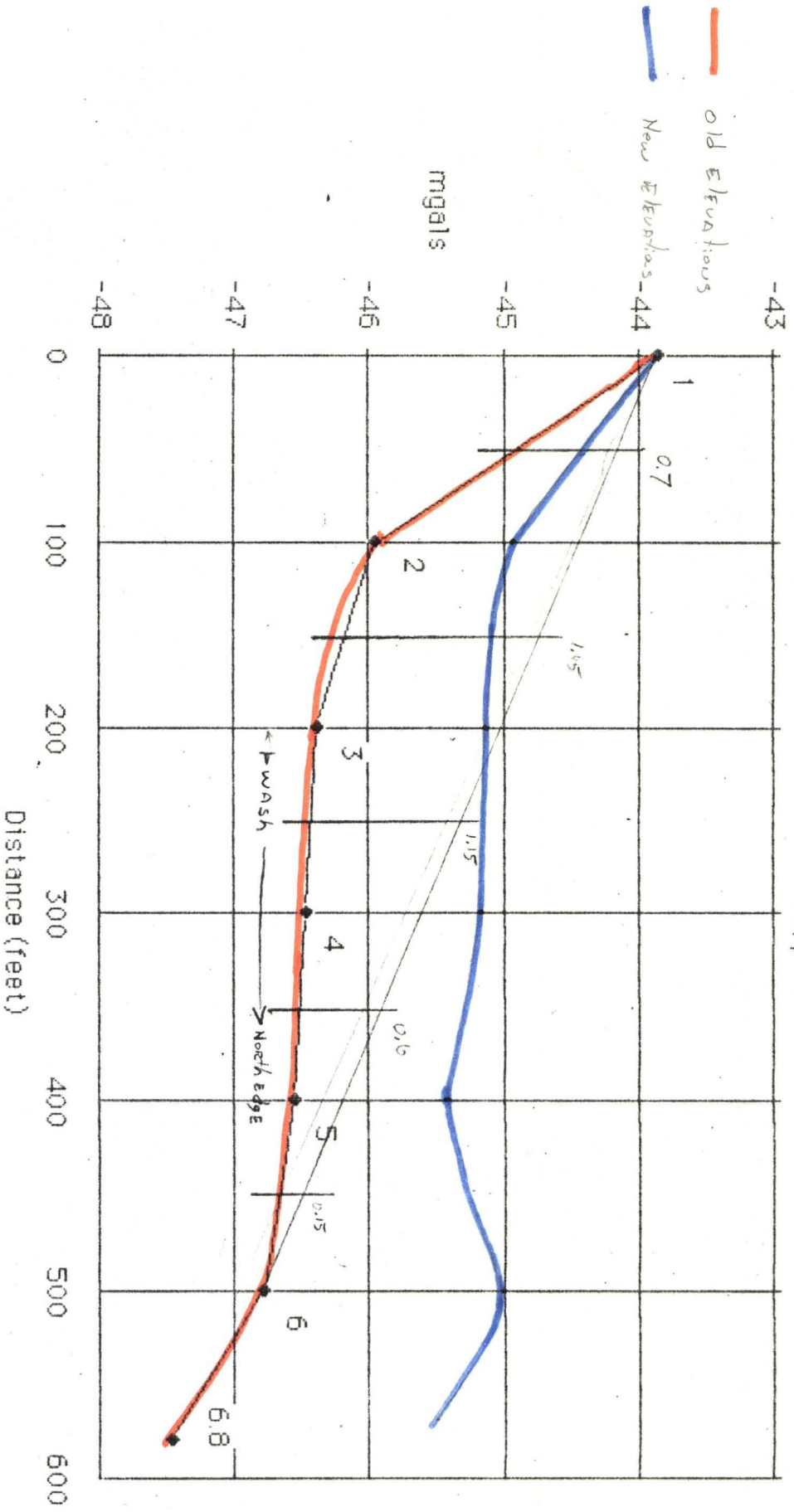


SOUTHWEST

Gravity (line 2)

NORTHEAST

Preliminary

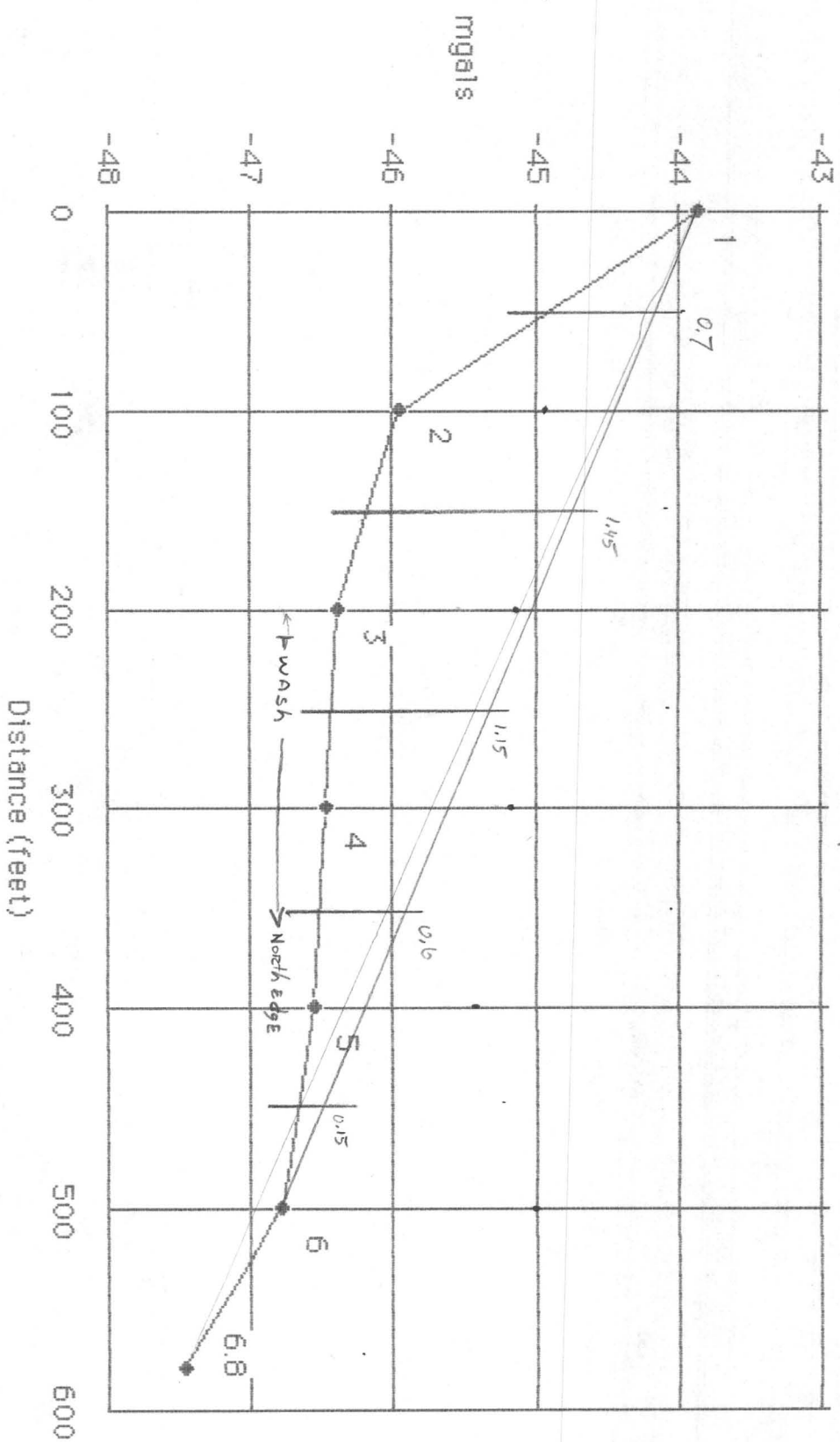


SOUTHWEST

Gravity (line 2)

NORTHEAST

Preliminary

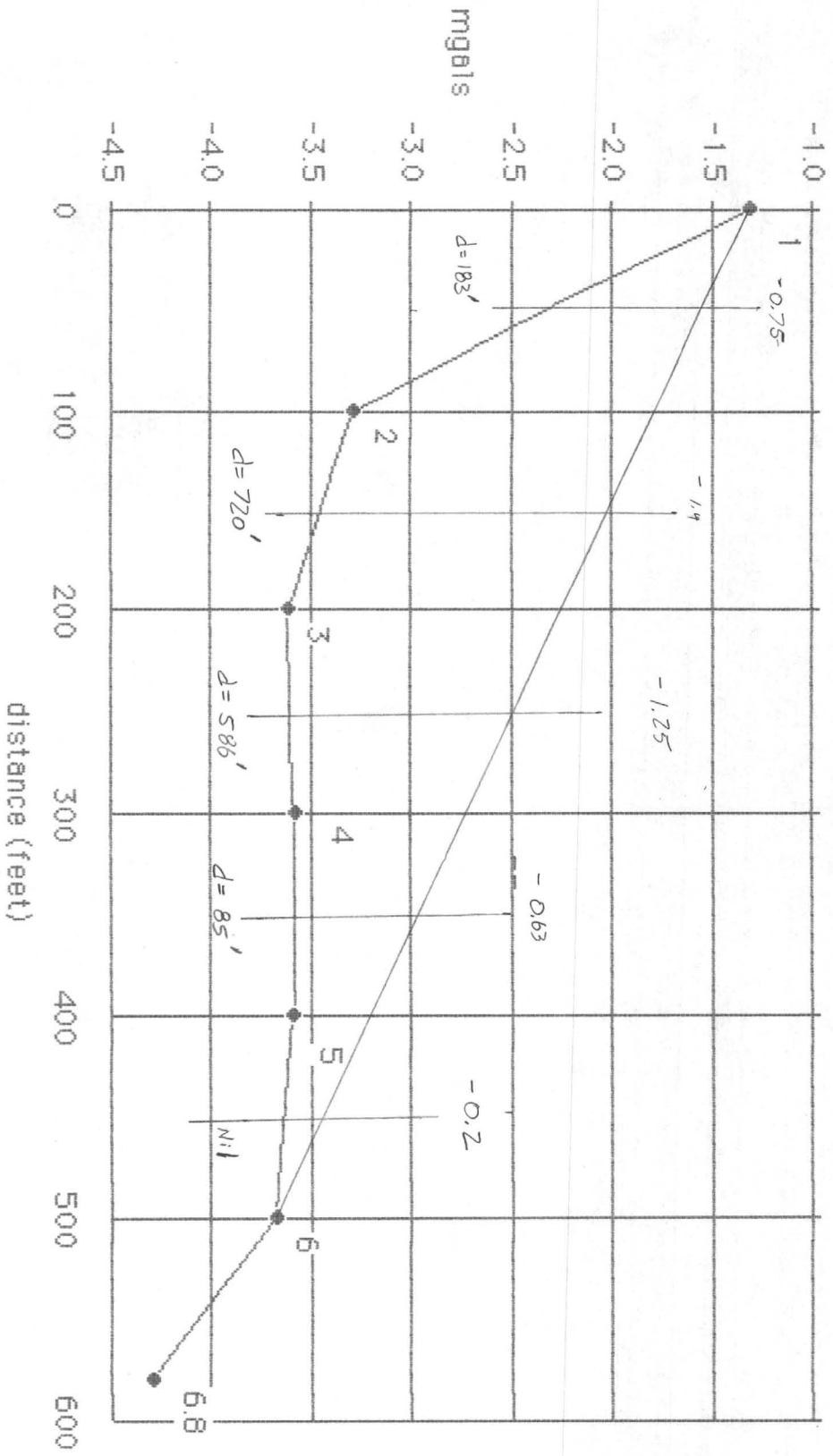


SOUTHWEST

GRAVITY
Line 2 Regional

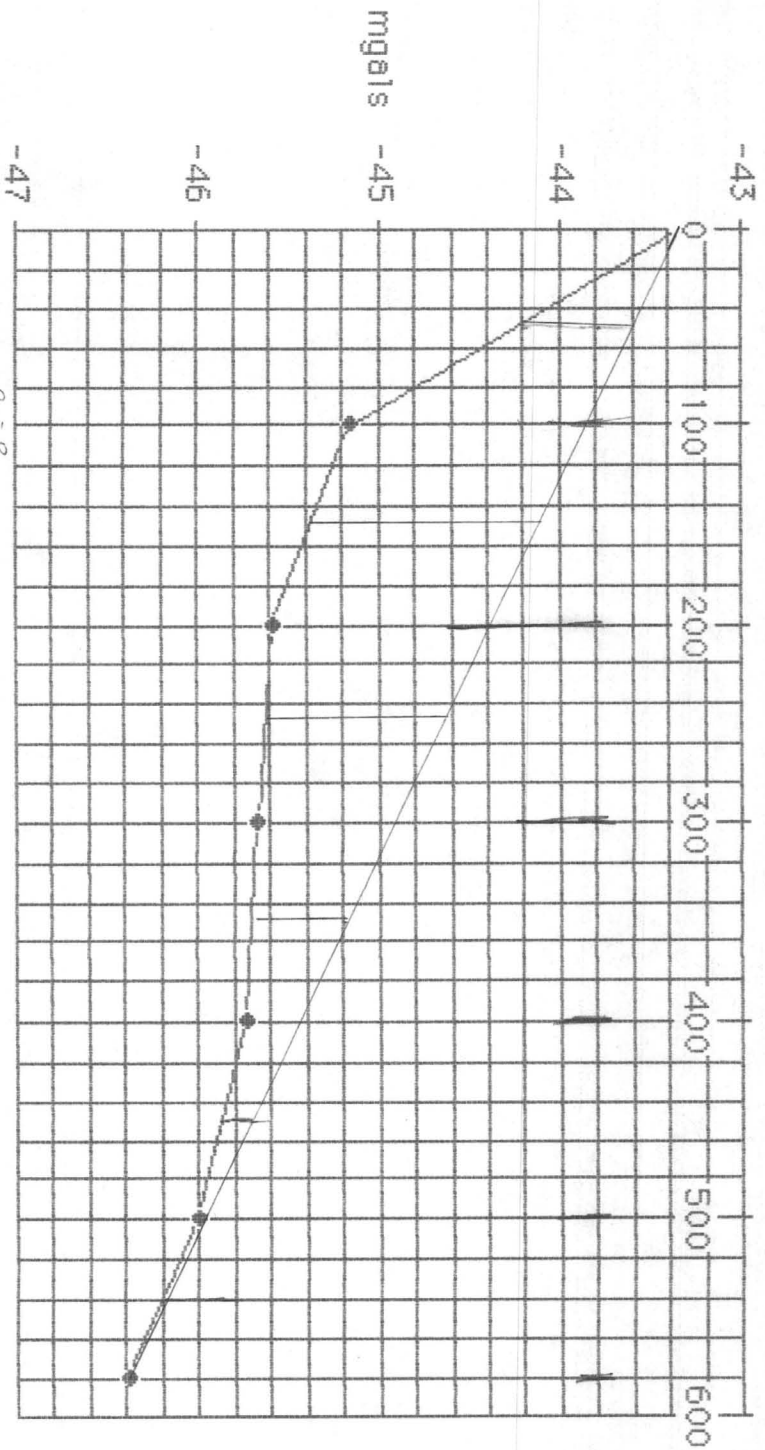
NORTHEAST

Preliminary



LOOKING NORTHWEST

Gravity (line 2)



-43.0 P1
-44.5 P2
-45.5 P3
-46.0 P4
-46.5 P5
-47.0 P6

Distance (feet)

$$\text{slope} = \frac{-3.0}{580} = -0.005$$

P = 0.6 131
P2 = 1.3 132
P3 = 0.95 133
P4 = 0.5 134
P5 = 0.2 135
P6 = 0.005 136

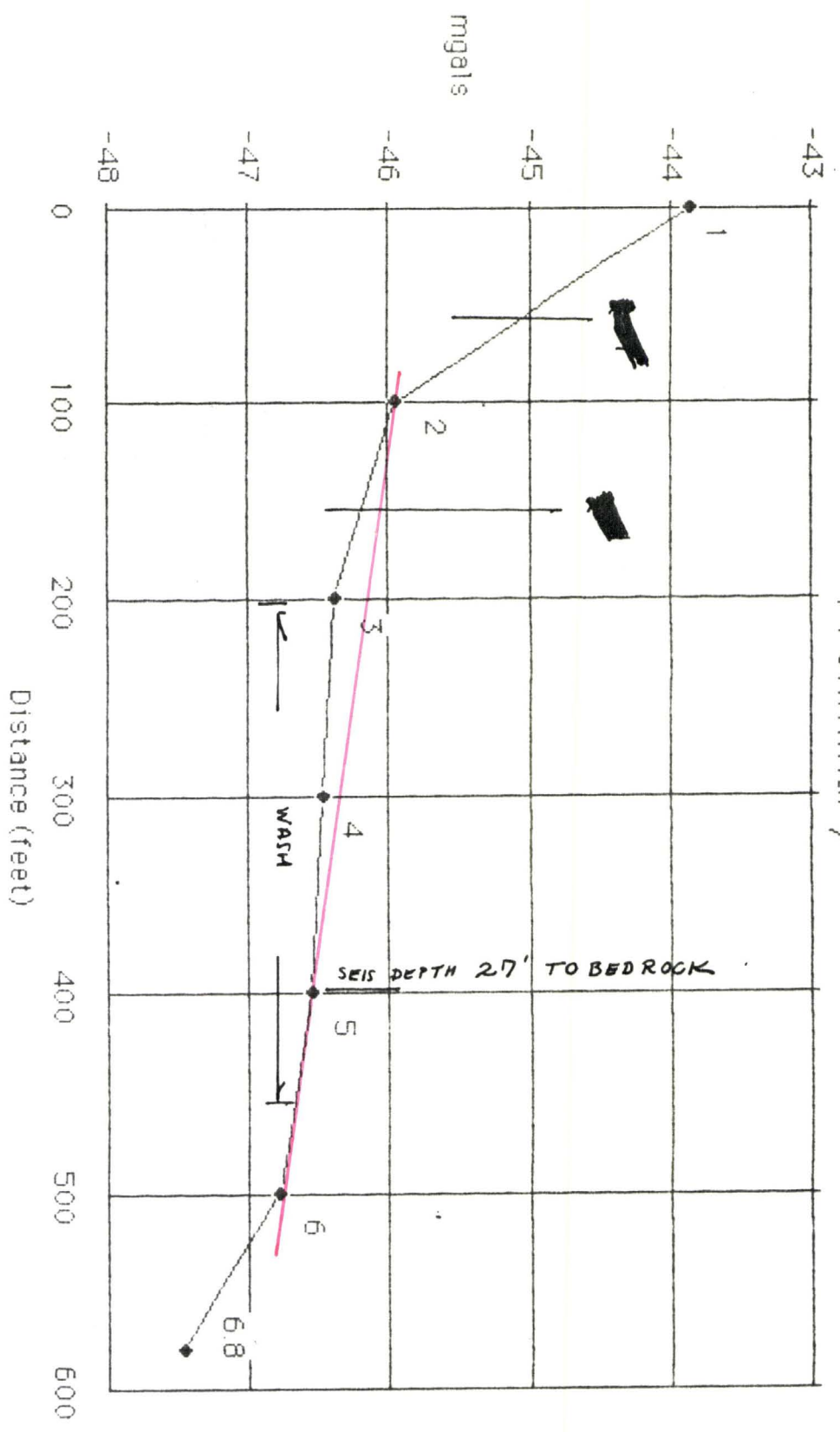


SOUTHWEST

Gravity (line 2)

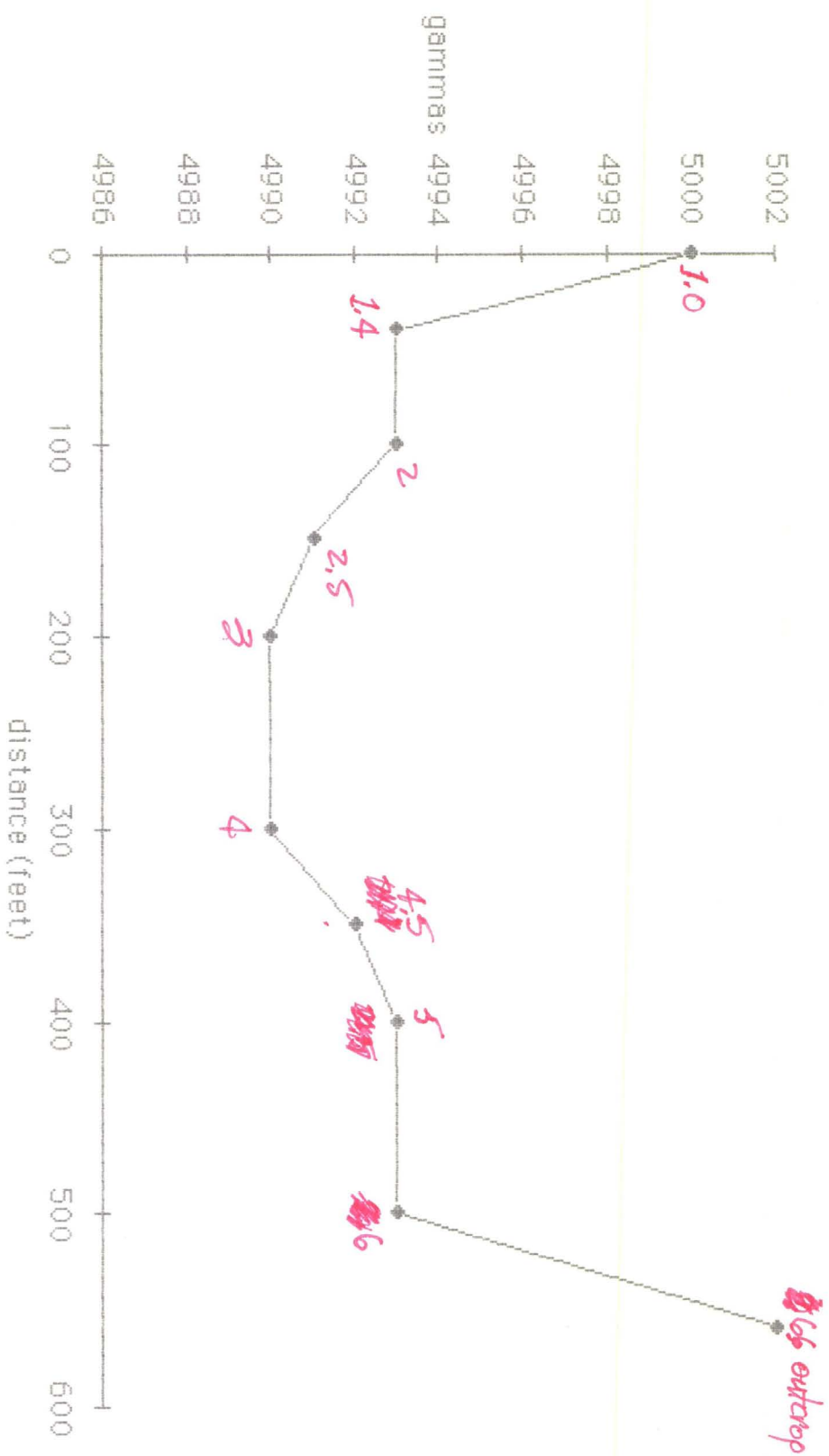
NORTHEAST

Preliminary



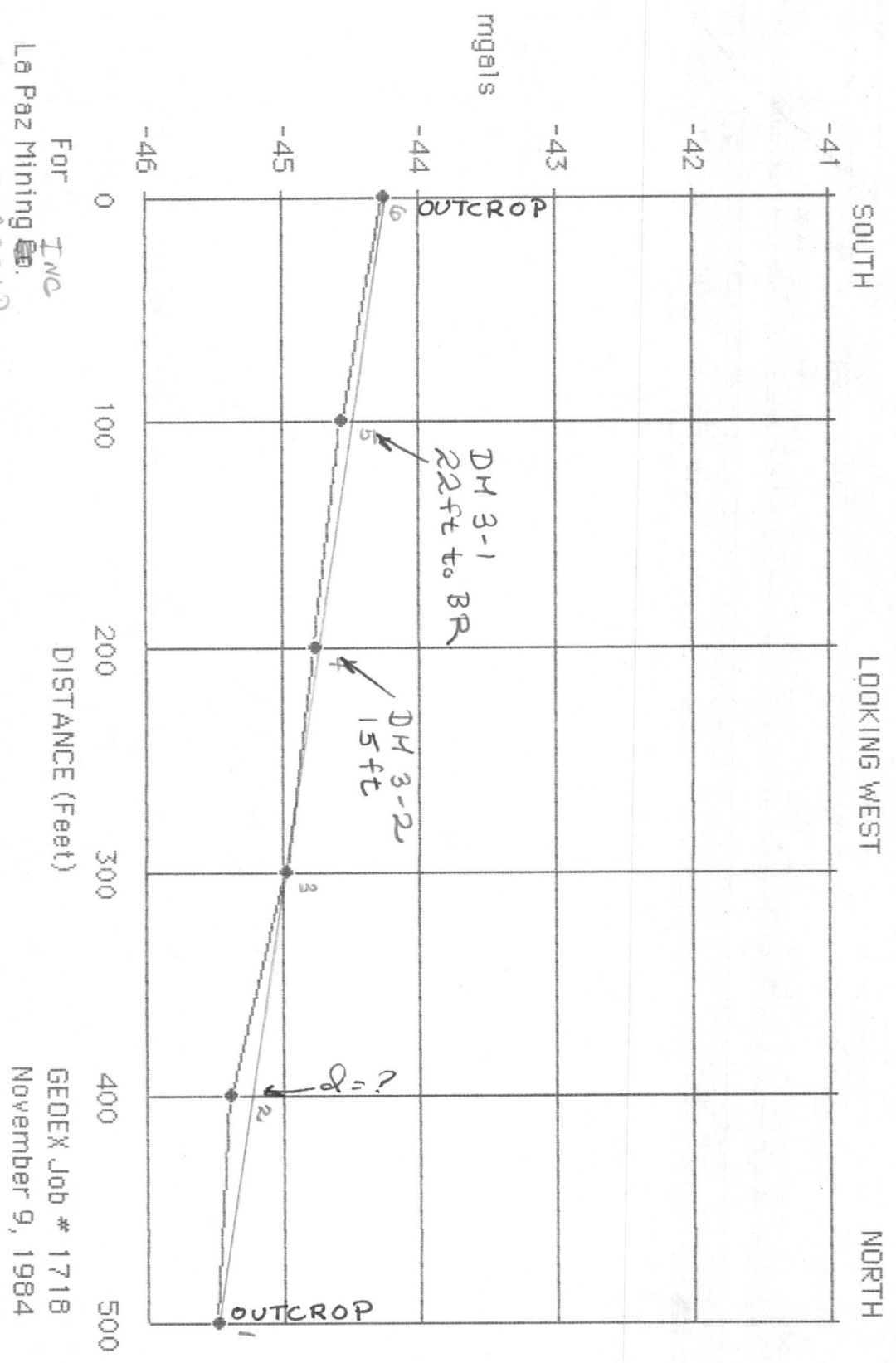
Levins

Magnetic (line 2)



RSL

LINE 3 GRAVITY (Simple Bouguer Values)



For INC
La Paz Mining Co.
IV CLAIM GROUP
GONZALEZ WASH
LA PAZ COUNTY, ARIZONA

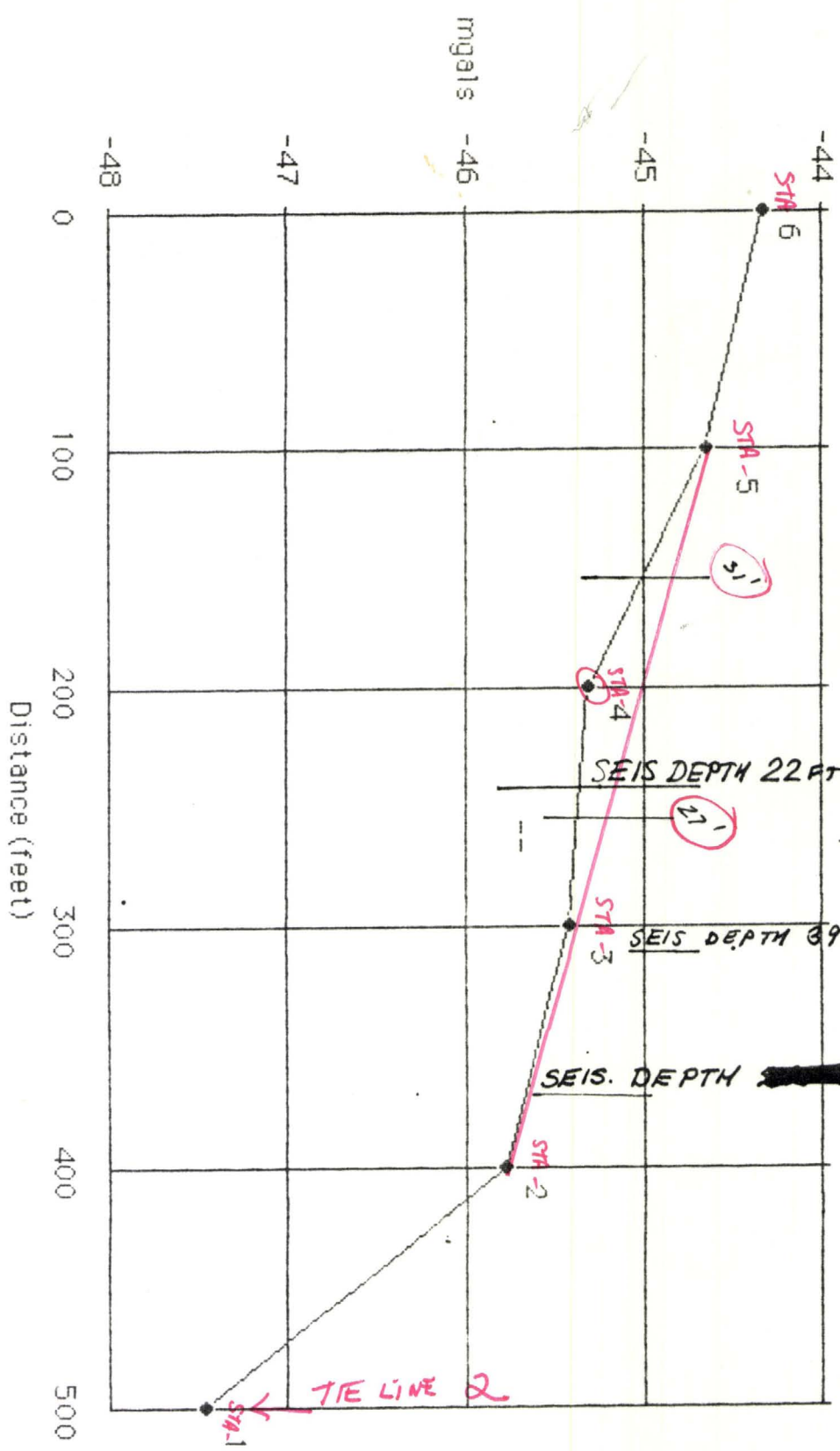
GEDEX Job # 1718
November 9, 1984

SOUTH

Gravity (line 3)

NORTH

Preliminary



LOOKING WEST

2.

3-1 12' 2
3-2 19' 3

Station

3-3

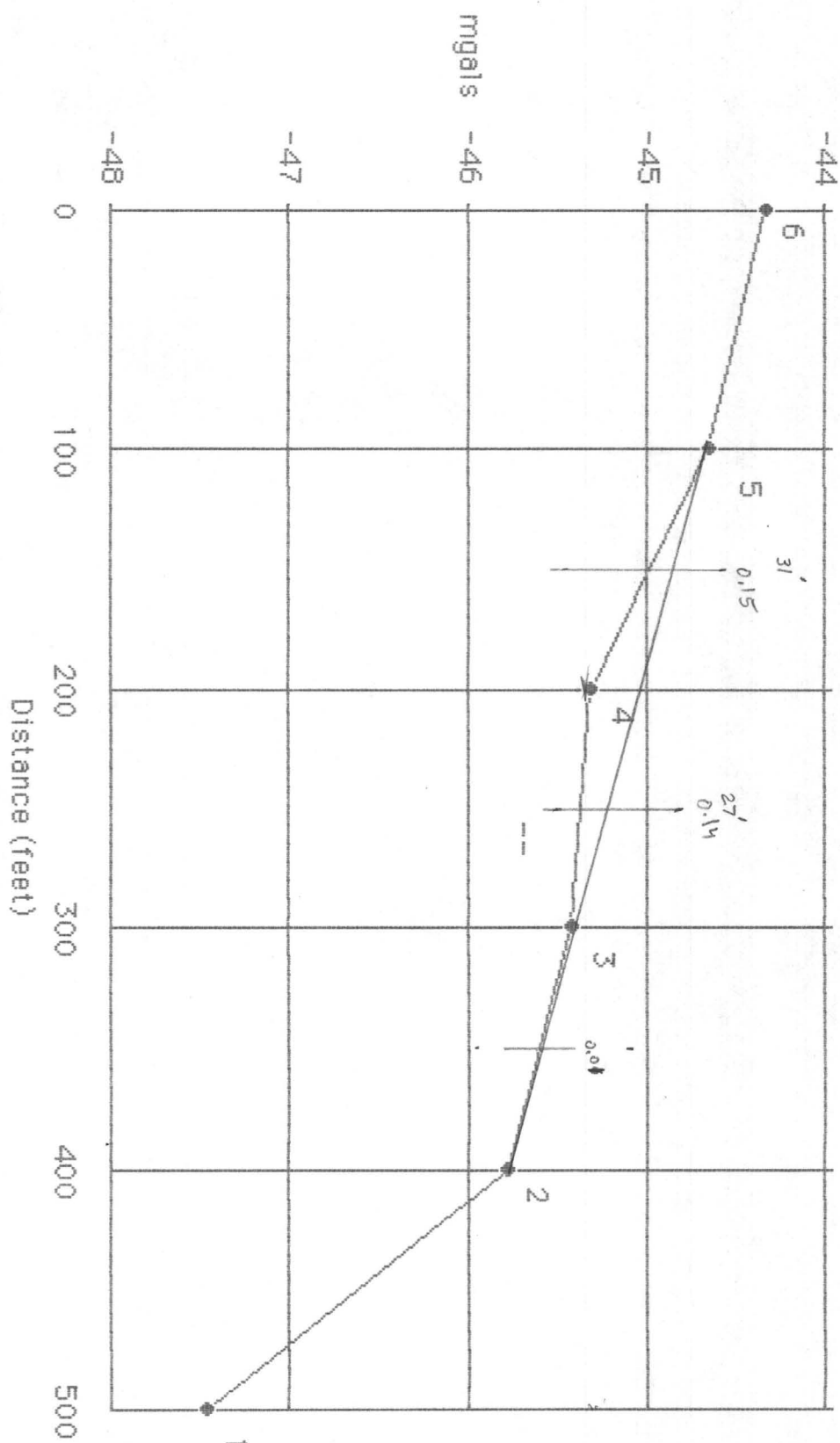
SOUTH

Gravity (line 3)

NORTH

$\Delta g = -0.5$

Preliminary



LOOKING WEST

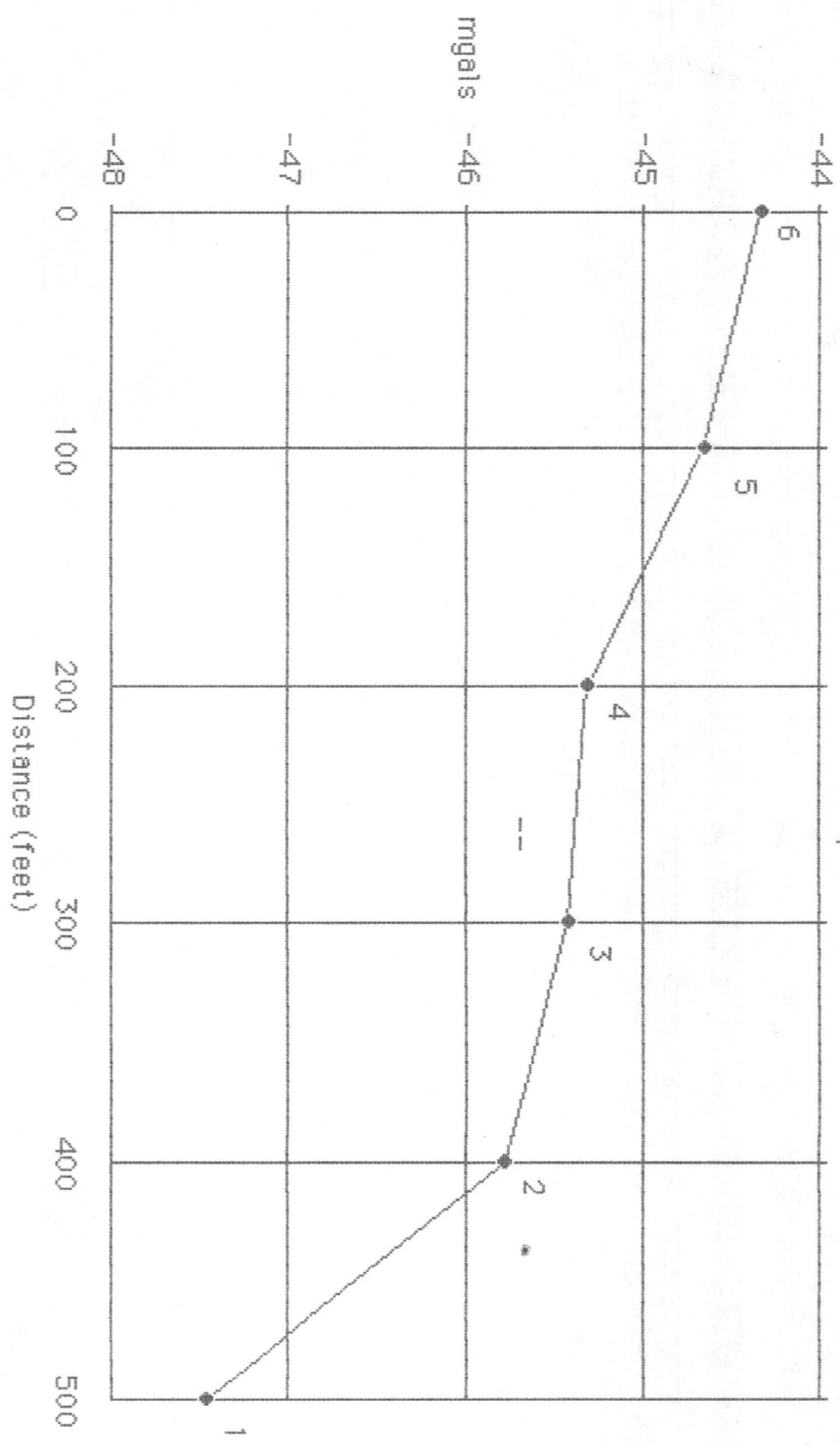
NG

SOUTH

Gravity (line 3)

NORTH

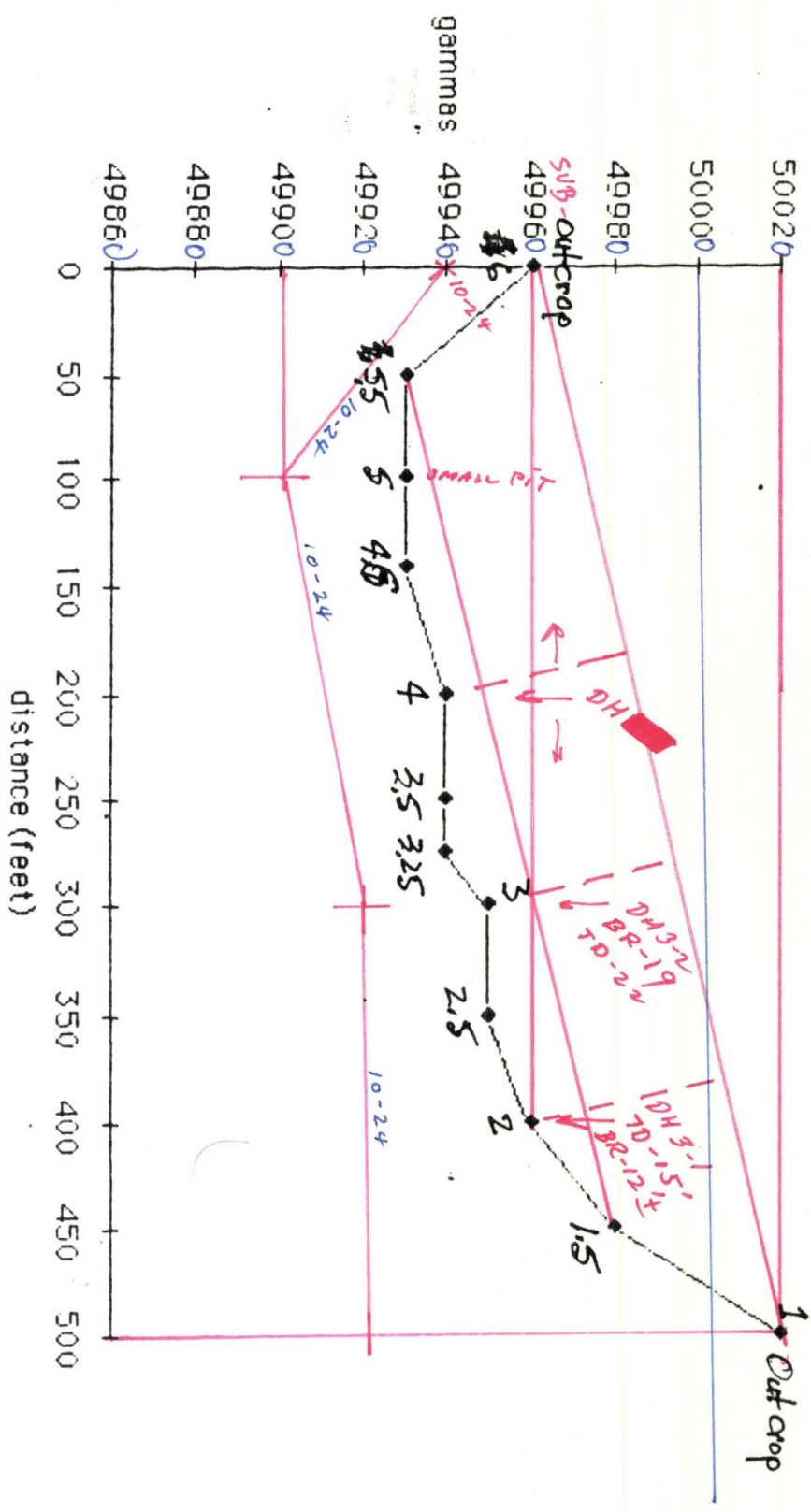
Preliminary



LOOKING WEST

Magnetics (line 3)

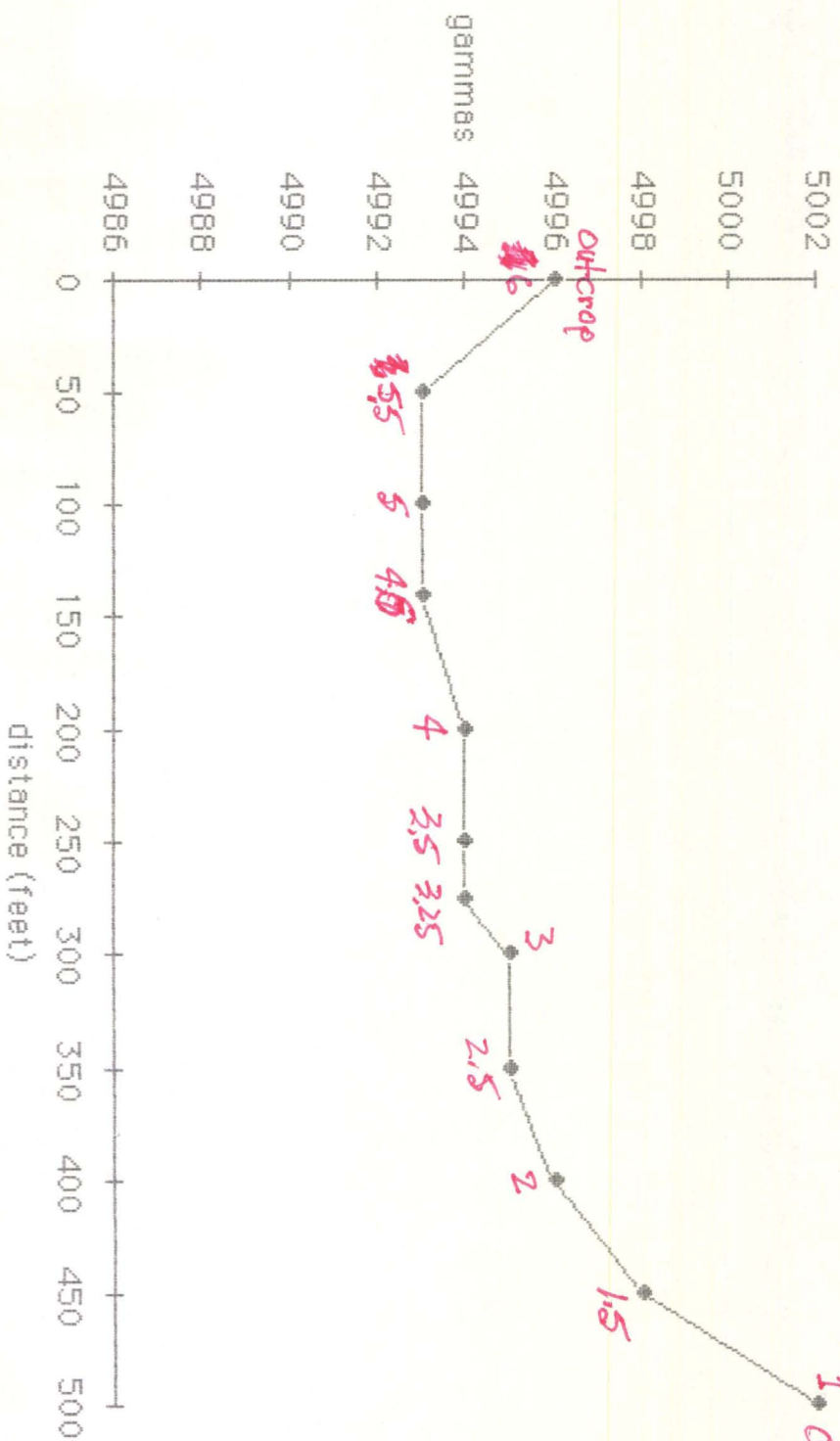
Also Sta. 6.6 NE
on line 2



S

N

Magnetics (line 3)



(Also Sta 2.66 NE
on line 2)

S.

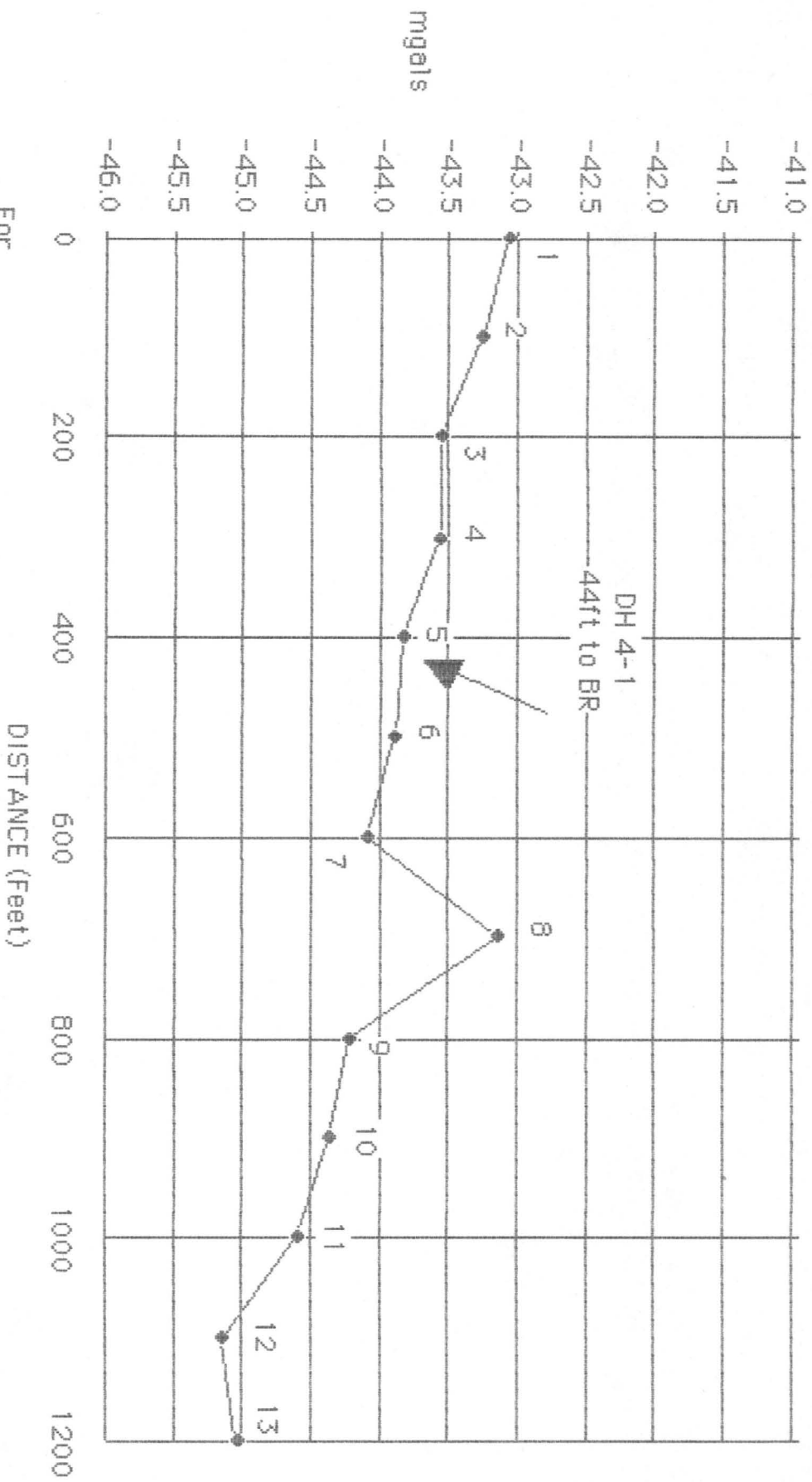
N.

LINE 4 GRAVITY (Simple Bouguer Values)

SOUTHEAST

LOOKING ~~NORTHEAST~~ **SOUTHWEST**

NORTHWEST



For
La Paz Mining Inc.
JV Mining Claims
Gonzales Wash
La Paz County, Arizona

HEINRICH



GEDEX Exploration Co.

P.O. BOX 5964, TUCSON AZ 85703

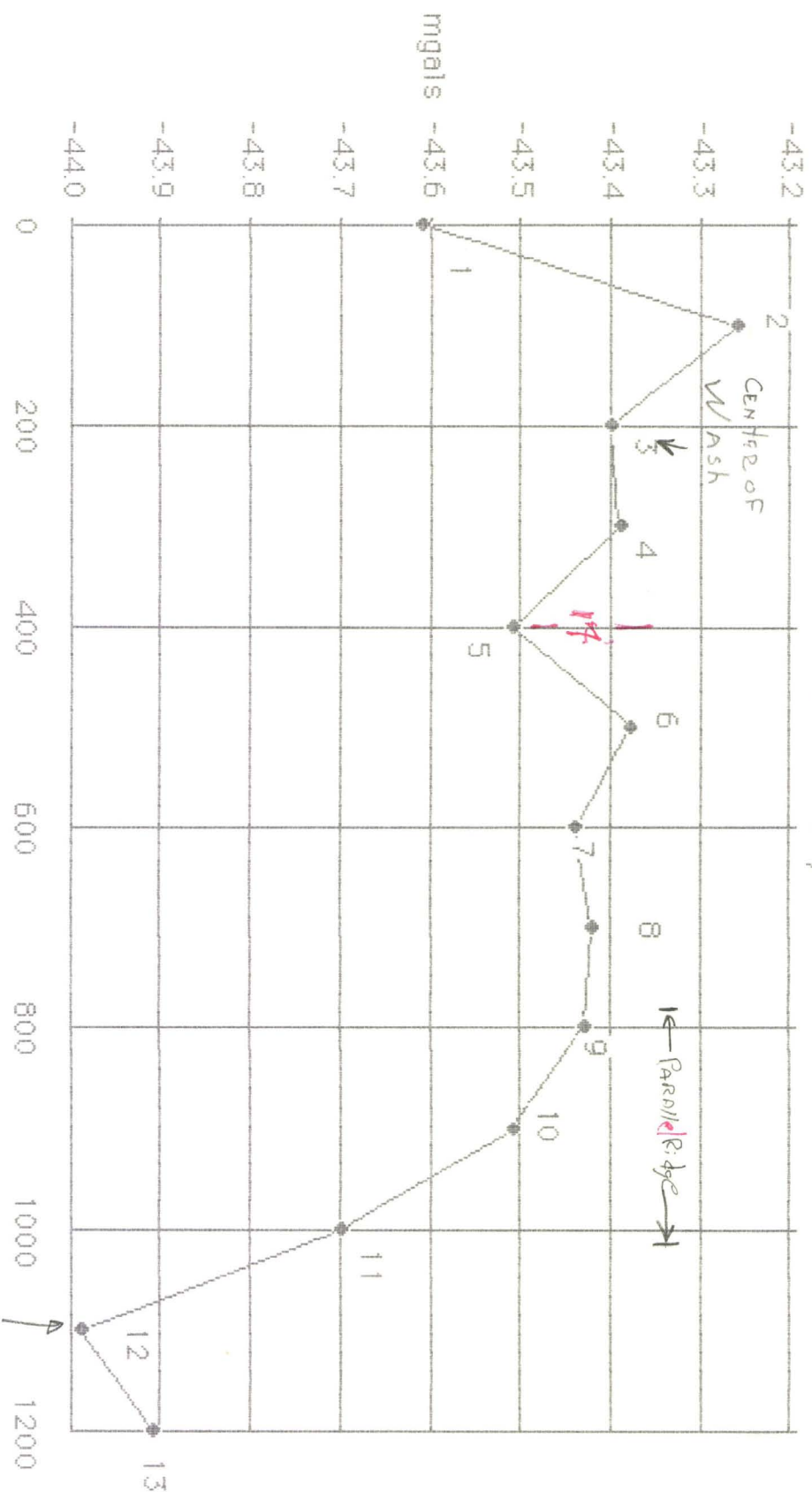
GEDEX Job # 1718
November 9, 1984

SOUTHEAST

Gravity (line 4)

NORTHWEST

Preliminary



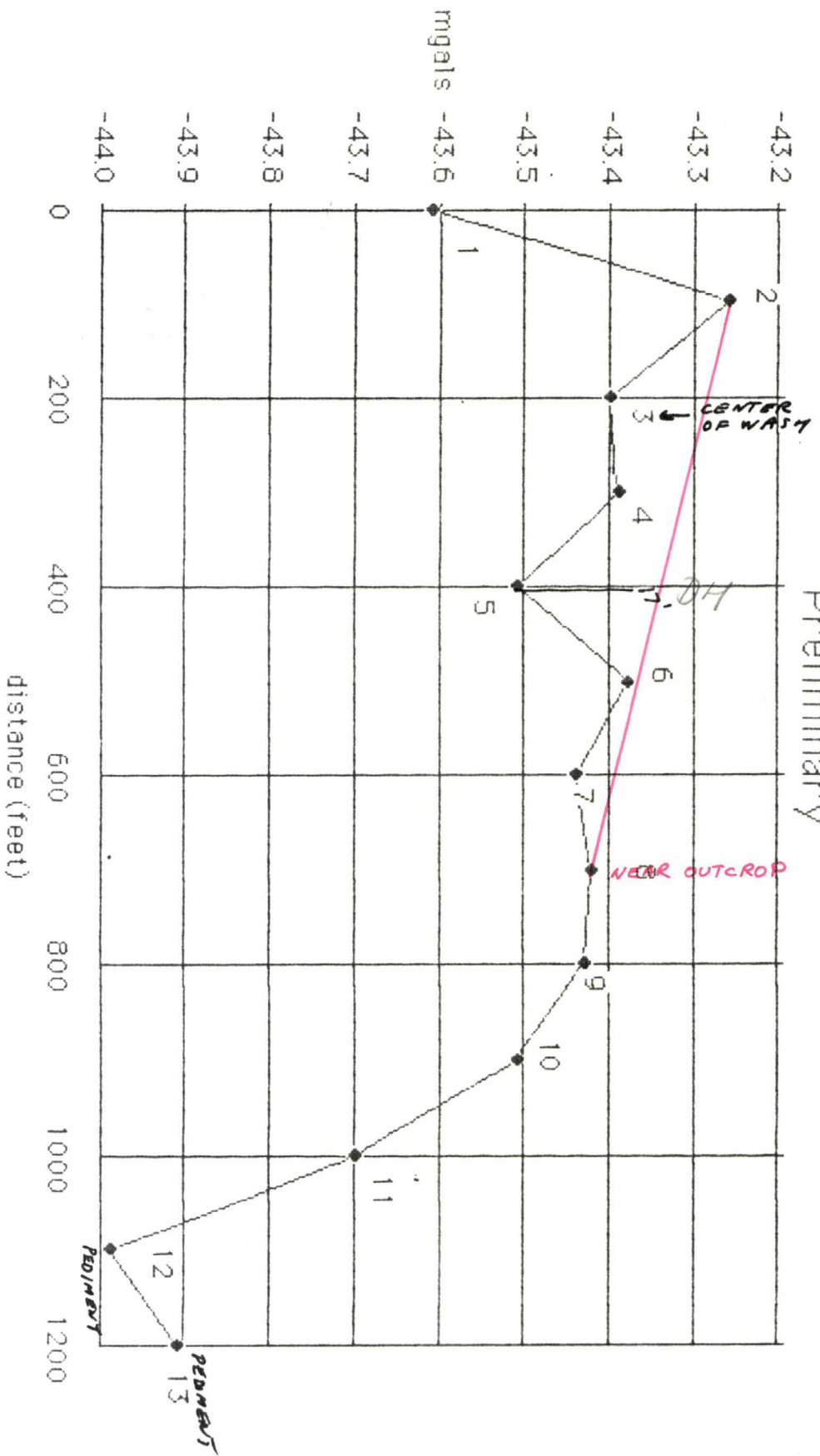
LOOKING SOUTHWEST

SOUTHEAST

Gravity (line 4)

NORTHWEST

Preliminary

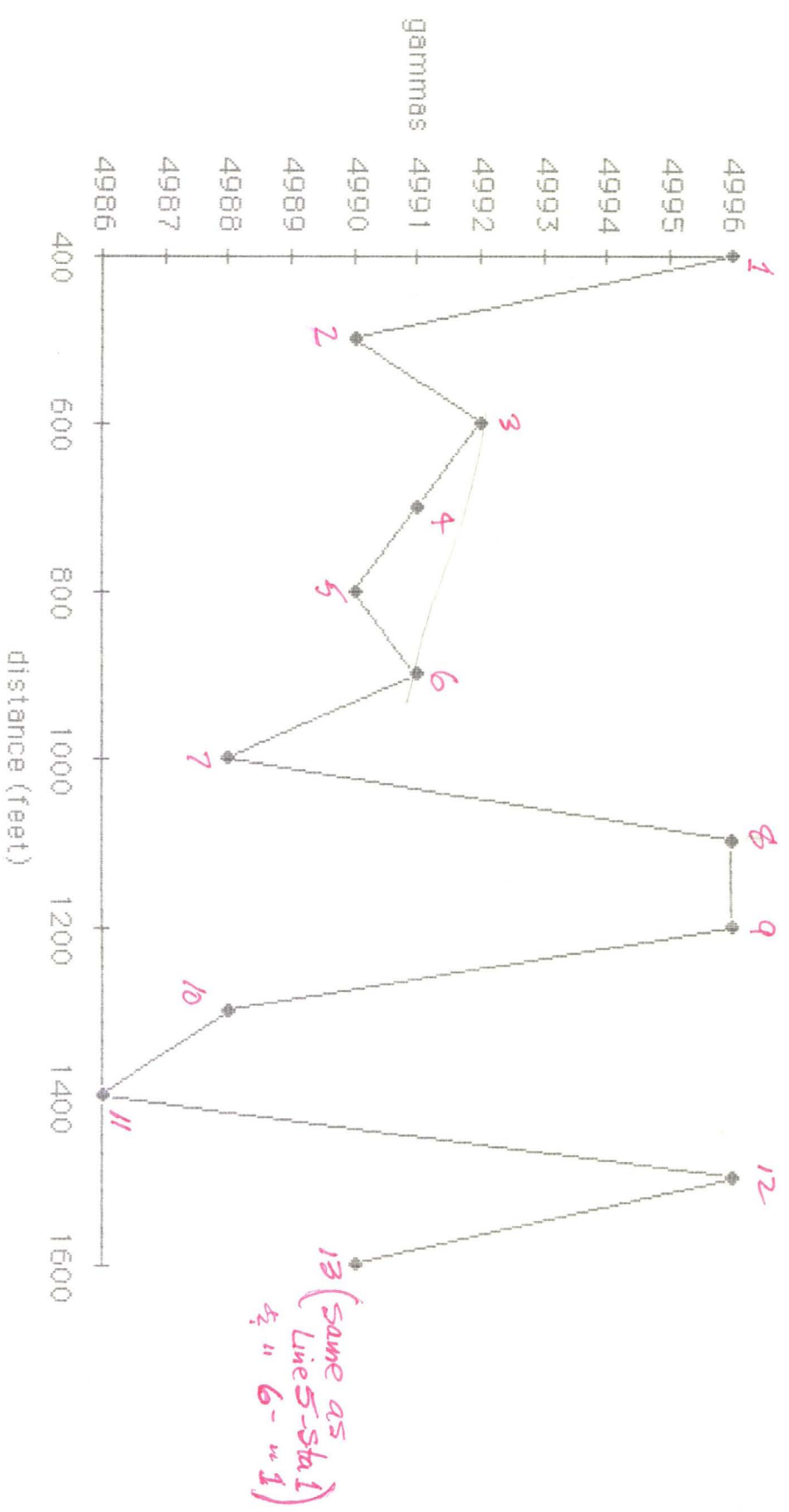


LOOKING SOUTHWEST



M:

Magnetic (line 4)



SE

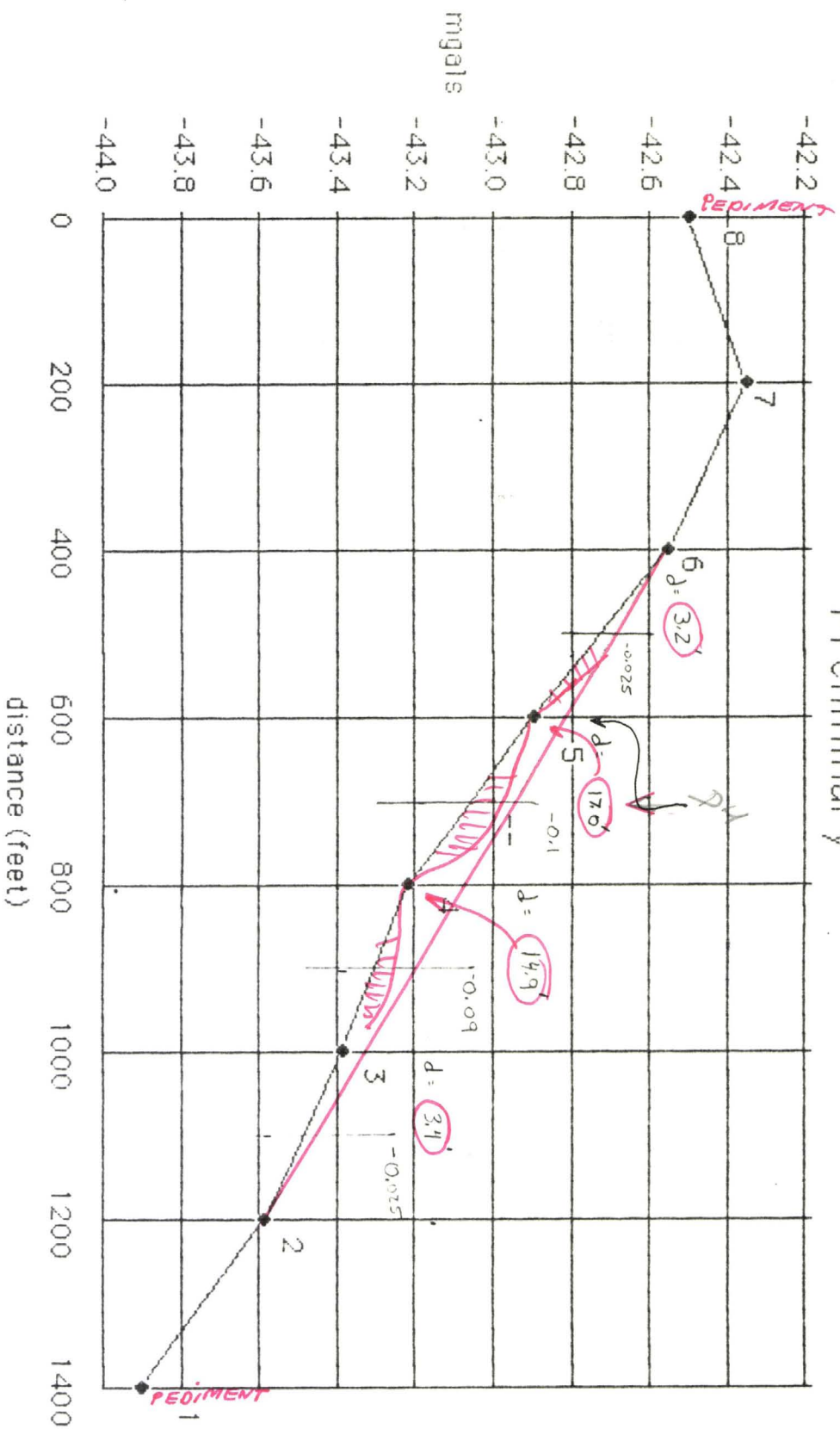
NW

SOUTH

Gravity (line 5)

NORTH

Preliminary



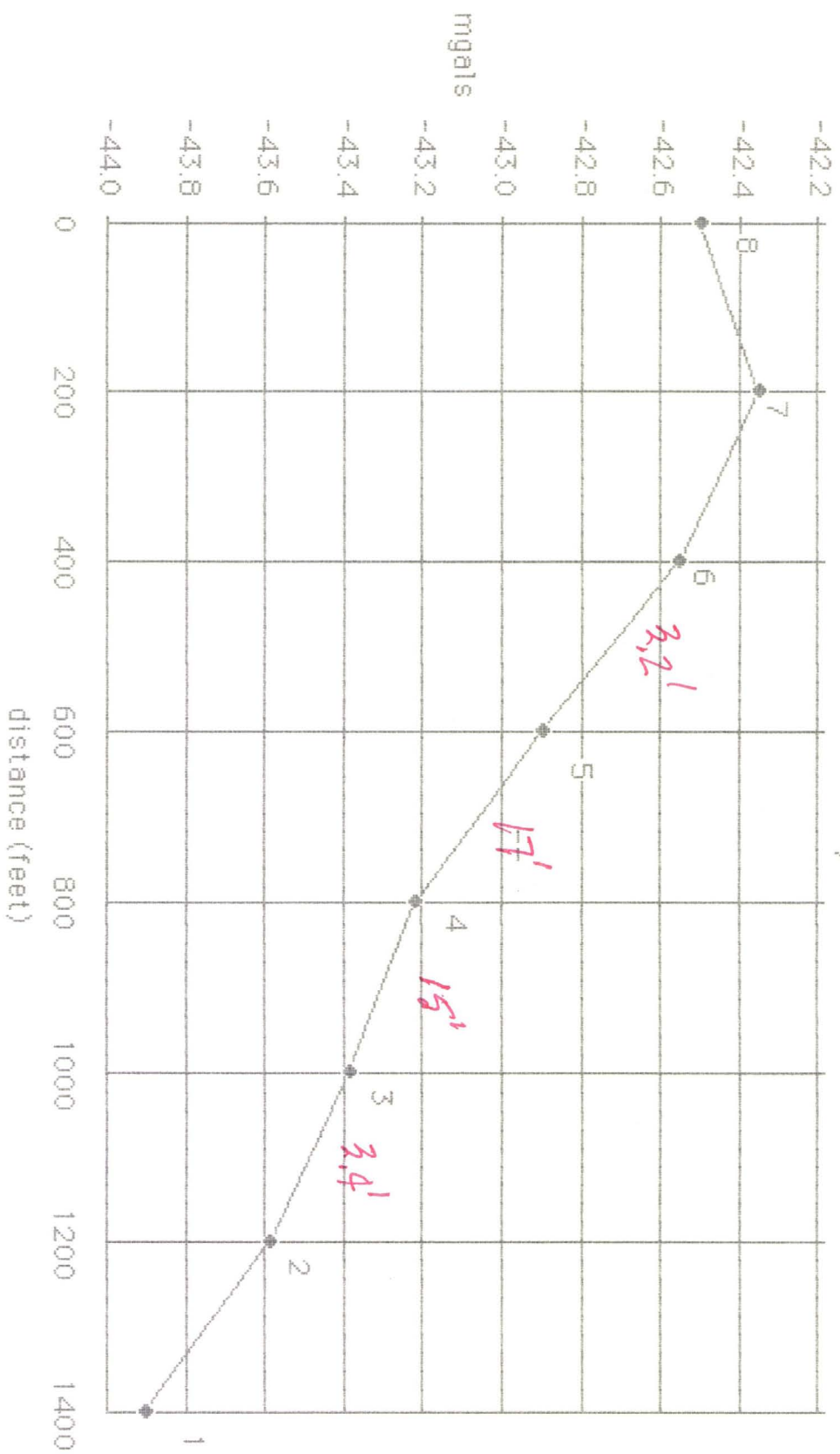
LOOKING WEST

SOUTH

Gravity (line 5)

NORTH

Preliminary



LOOKING WEST

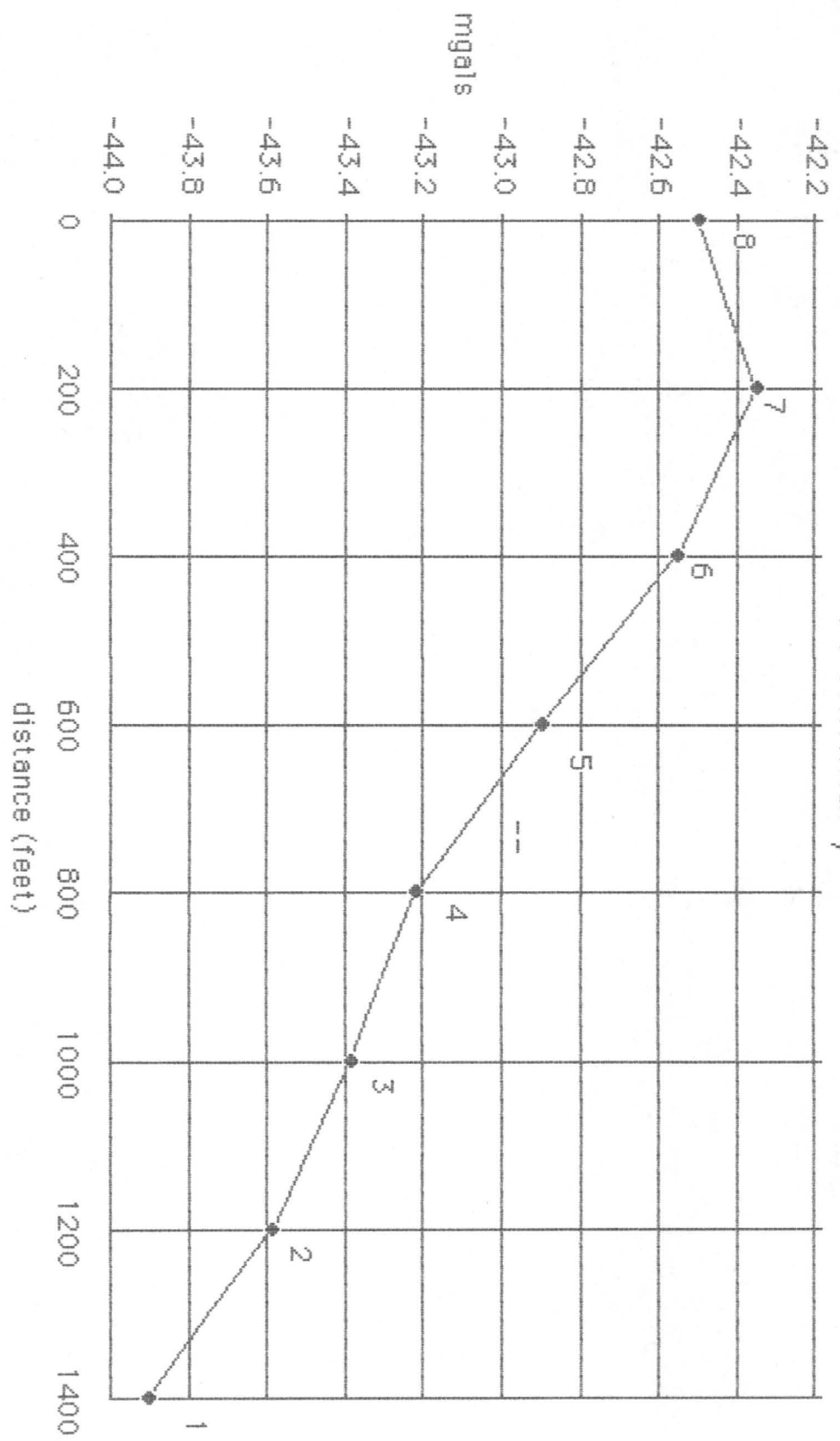
NG

SOUTH

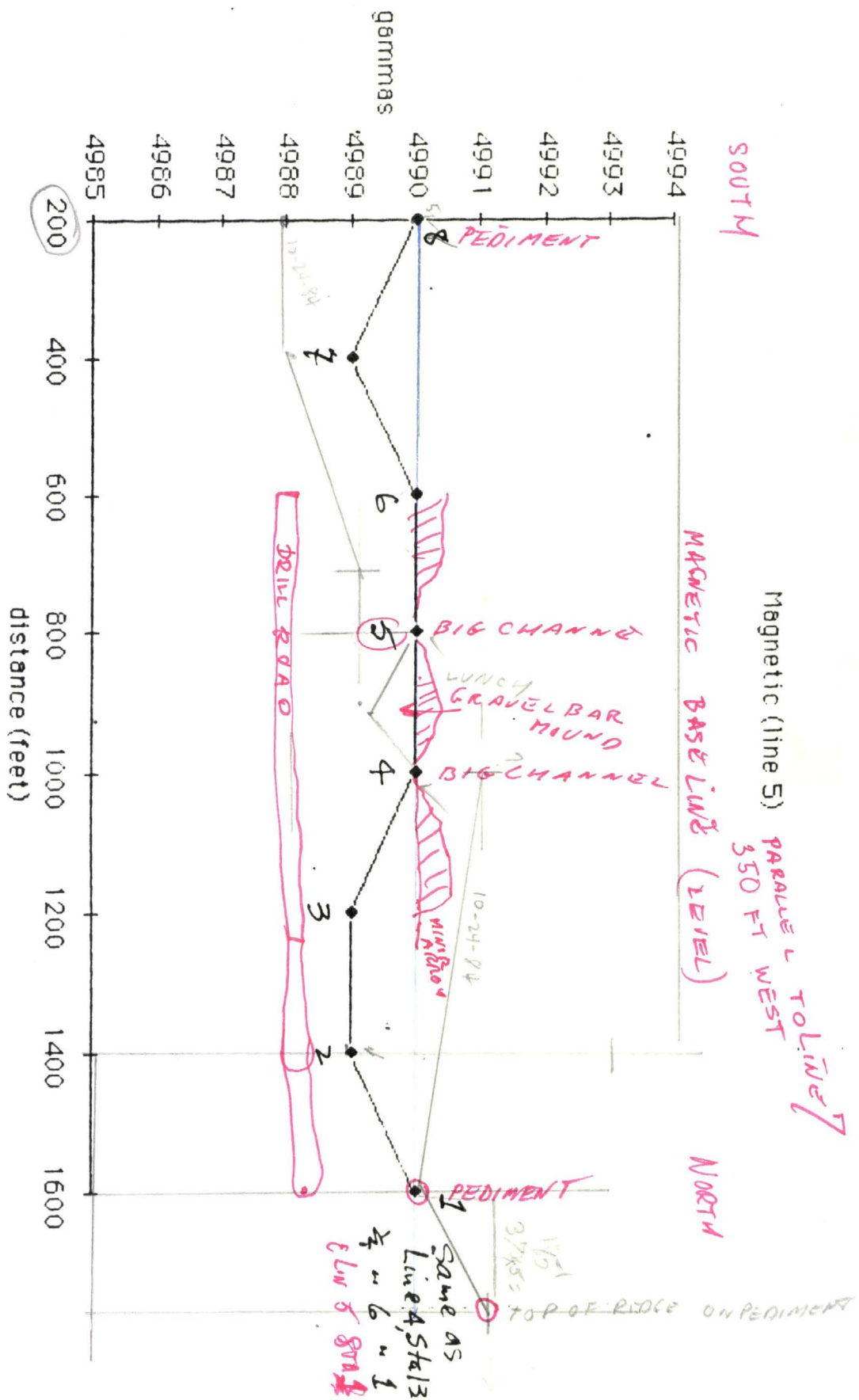
Gravity (line 5)

NORTH

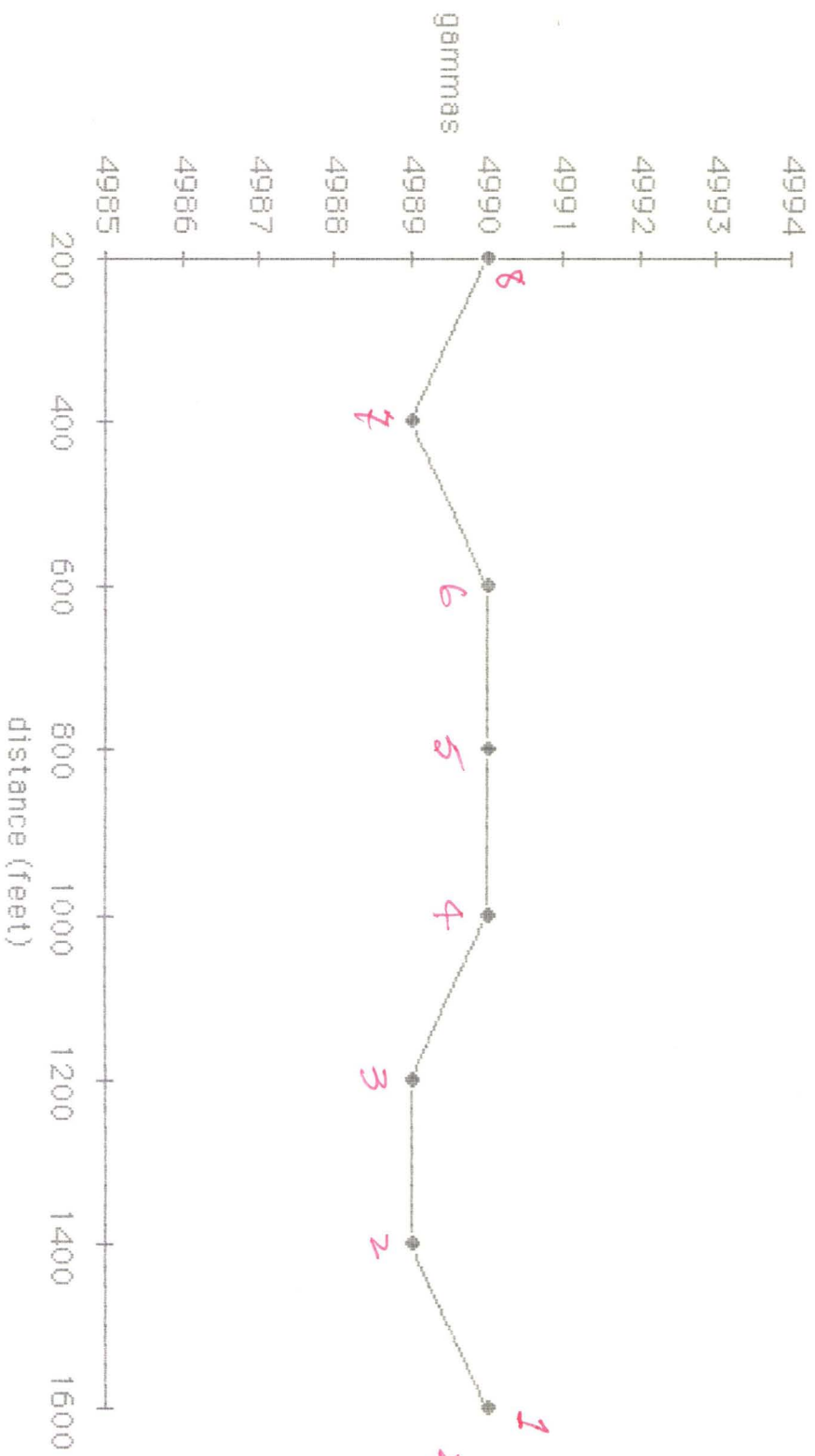
Preliminary



LOOKING WEST



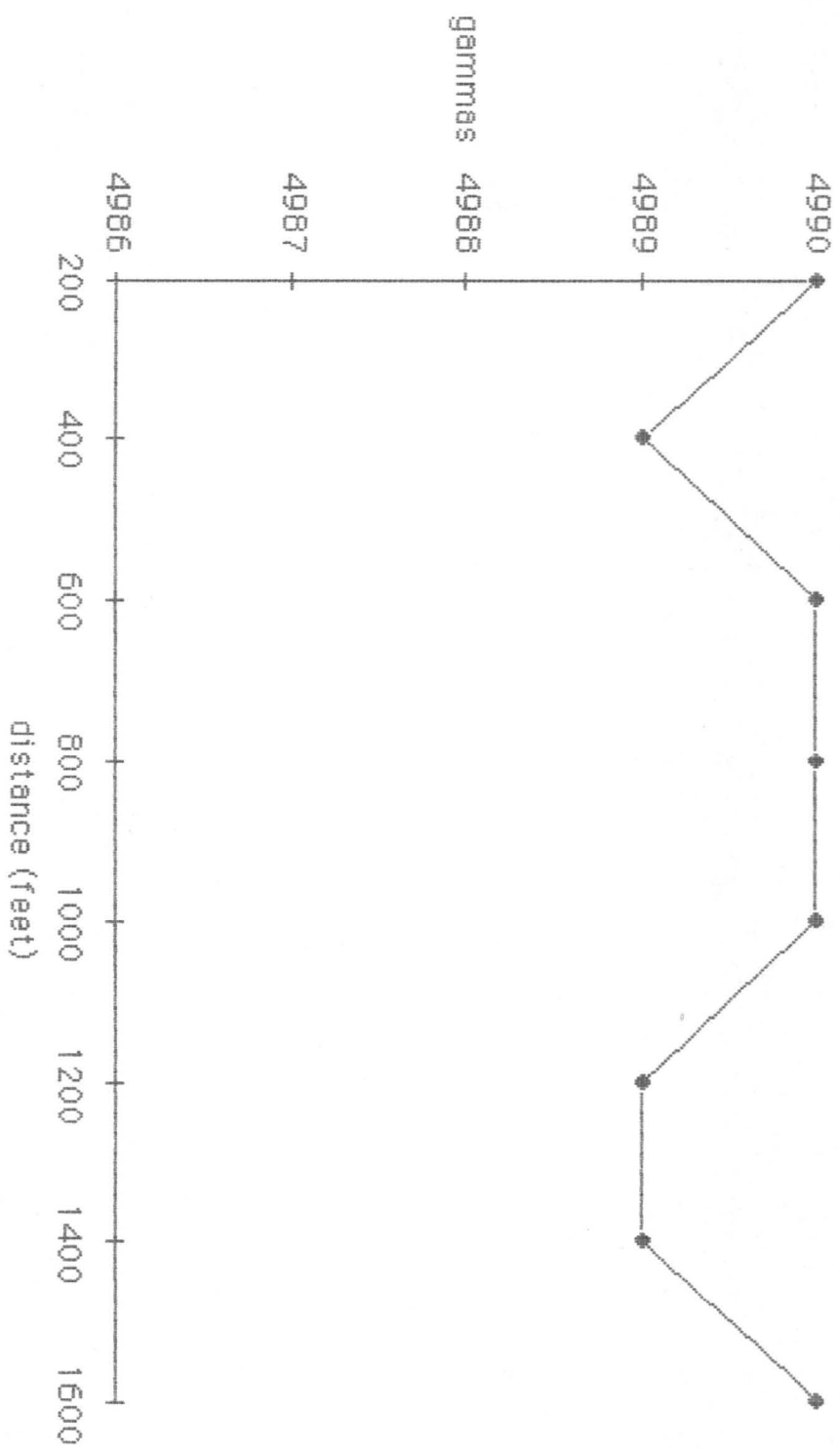
Magnetic (line 5)



S.

N.

Magnetic (line 5)



S.

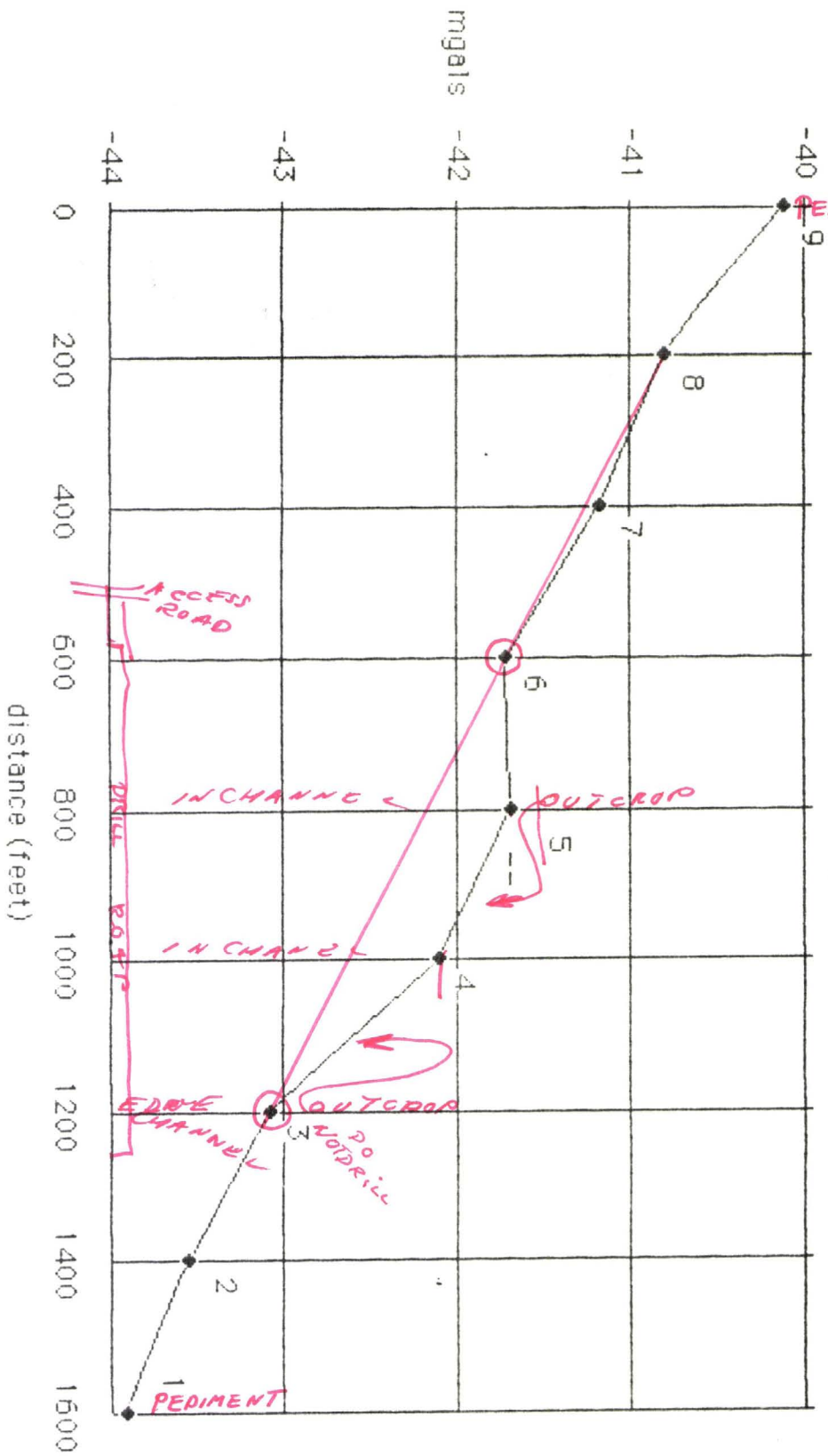
N.

SOUTHWEST

Gravity (line 6)

NORTHEAST

Preliminary



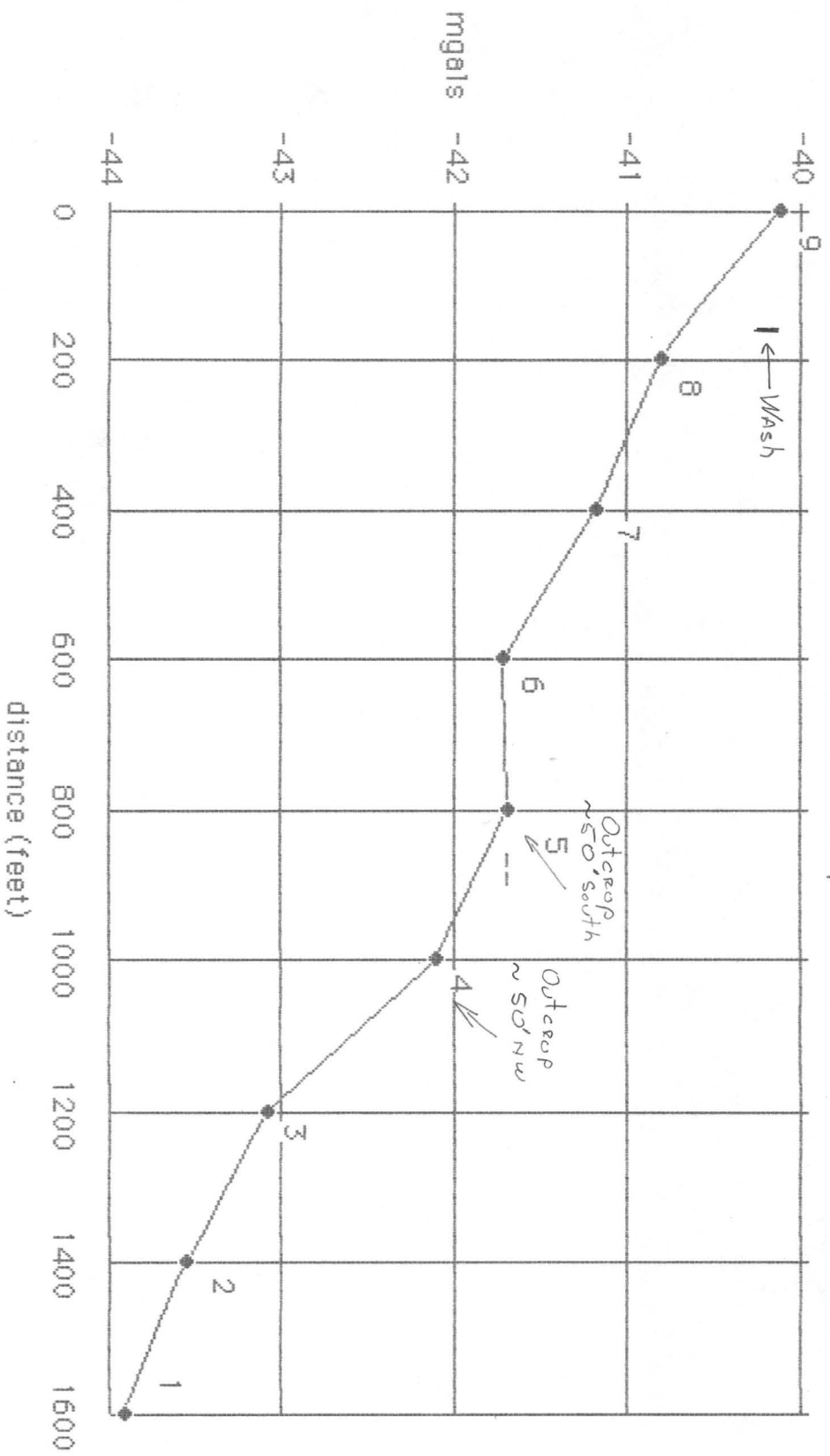
LOOKING NORTHWEST

SOUTHWEST

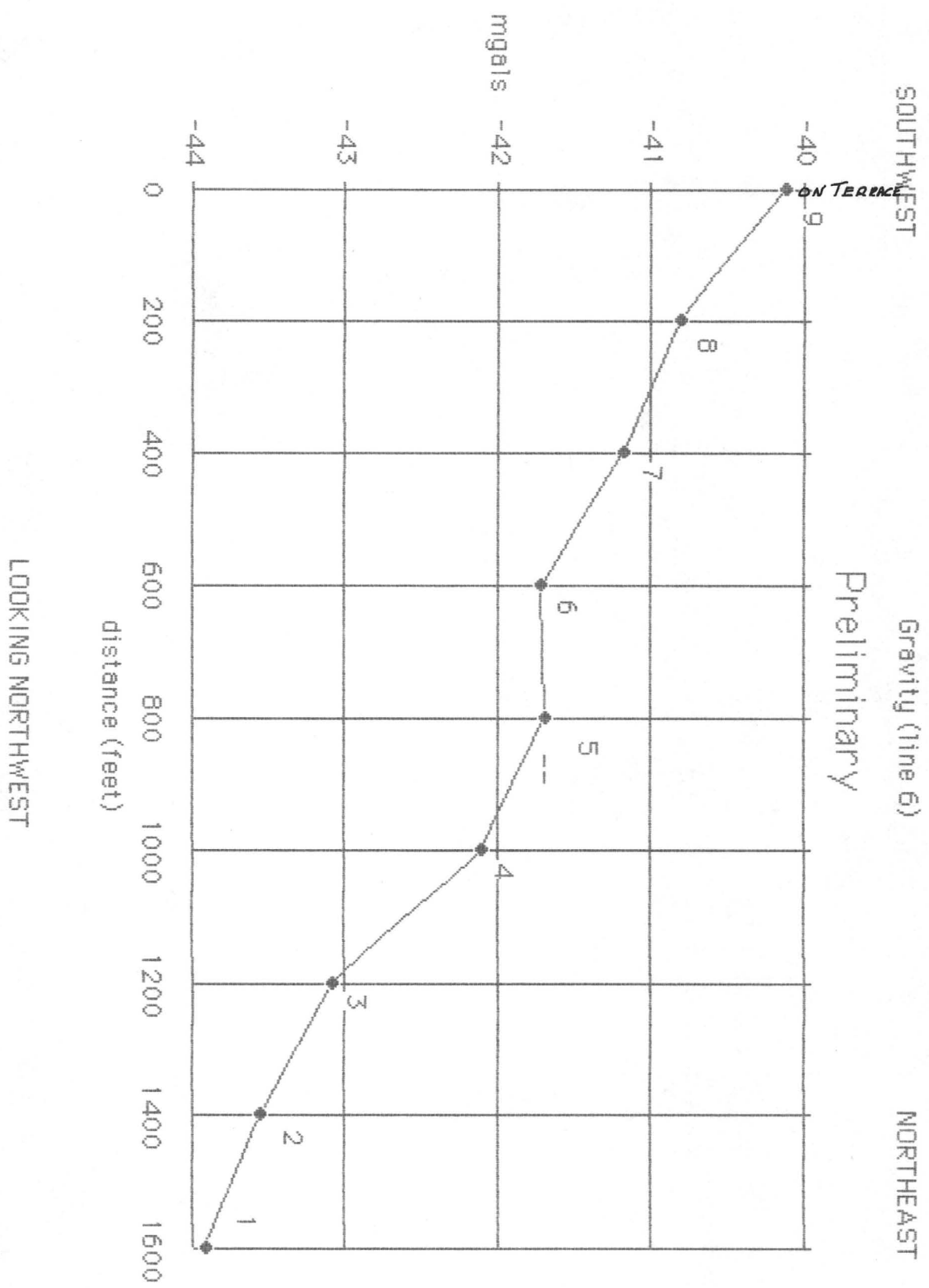
Gravity (line 6)

NORTHEAST

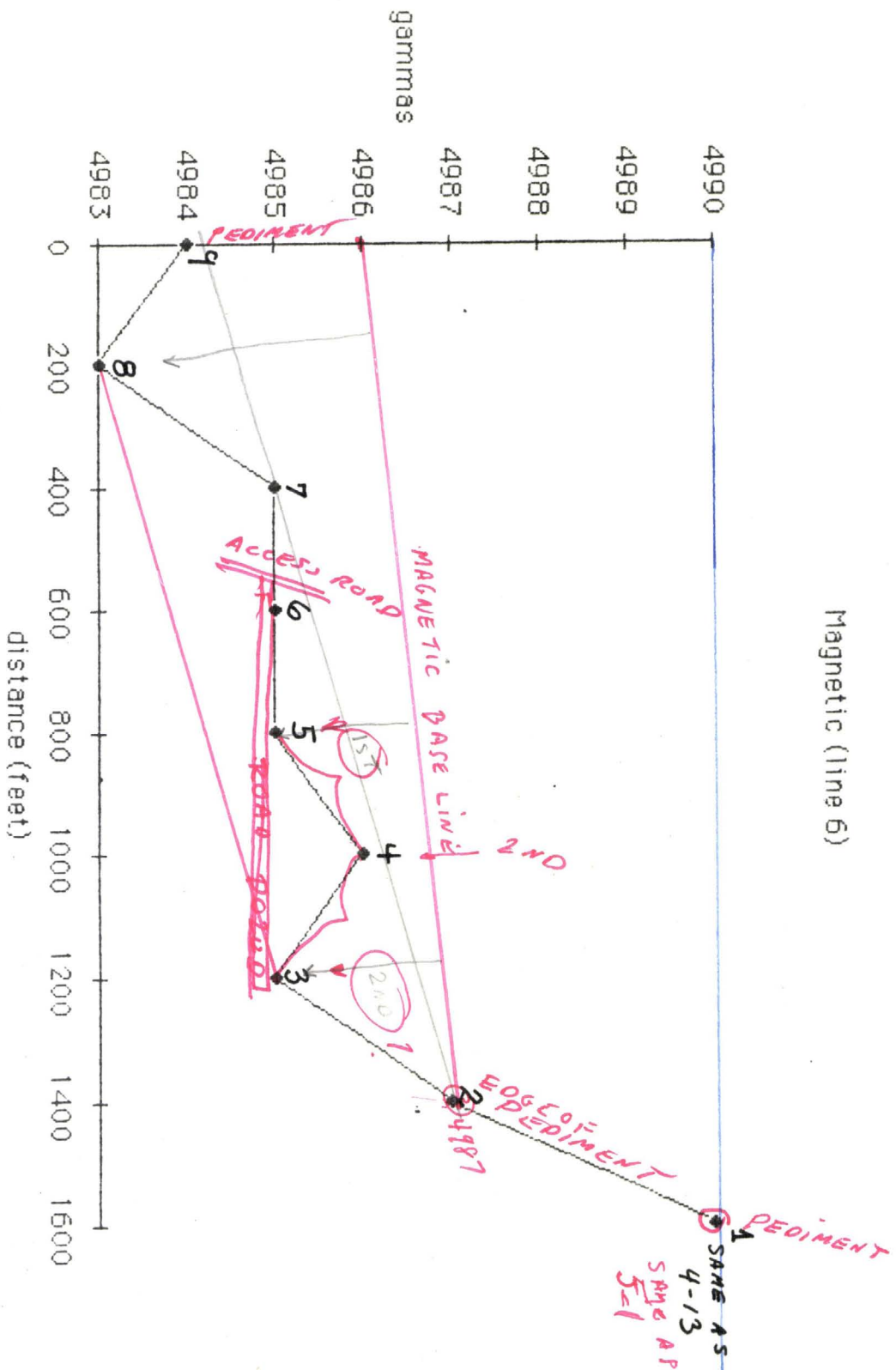
Preliminary



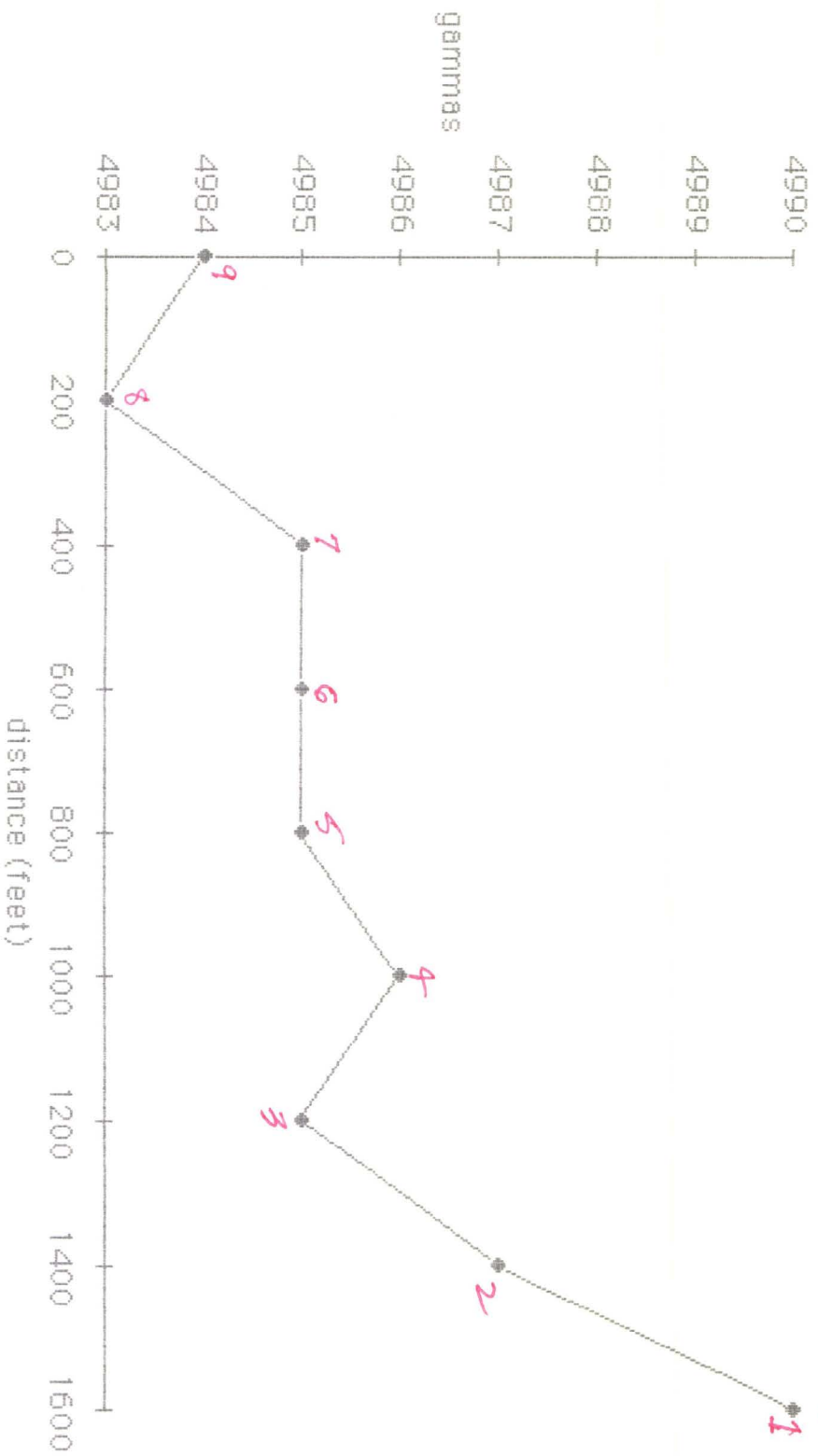
LOOKING NORTHWEST



Magnetic (line 6)



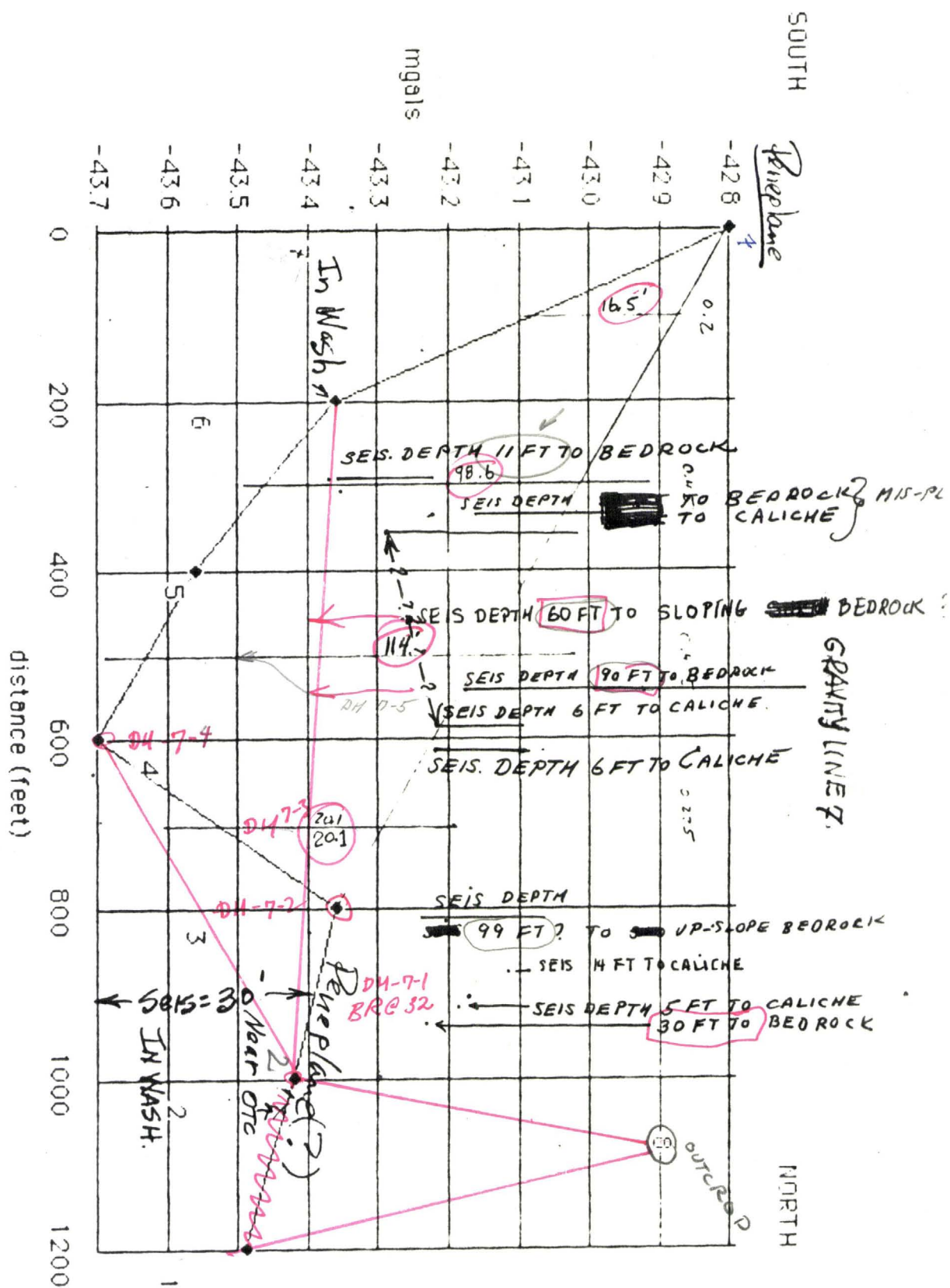
Magnetic (line 6)



(Same as line 4
Sta 13 and
Line 5 Sta 1)

SW

NE



7-1	32'	2.5	7-4	40	Station
7-2	63'	3.0	7-5	4.5	
7-3	70'	3.5	7-6	5.0	

SOUTH

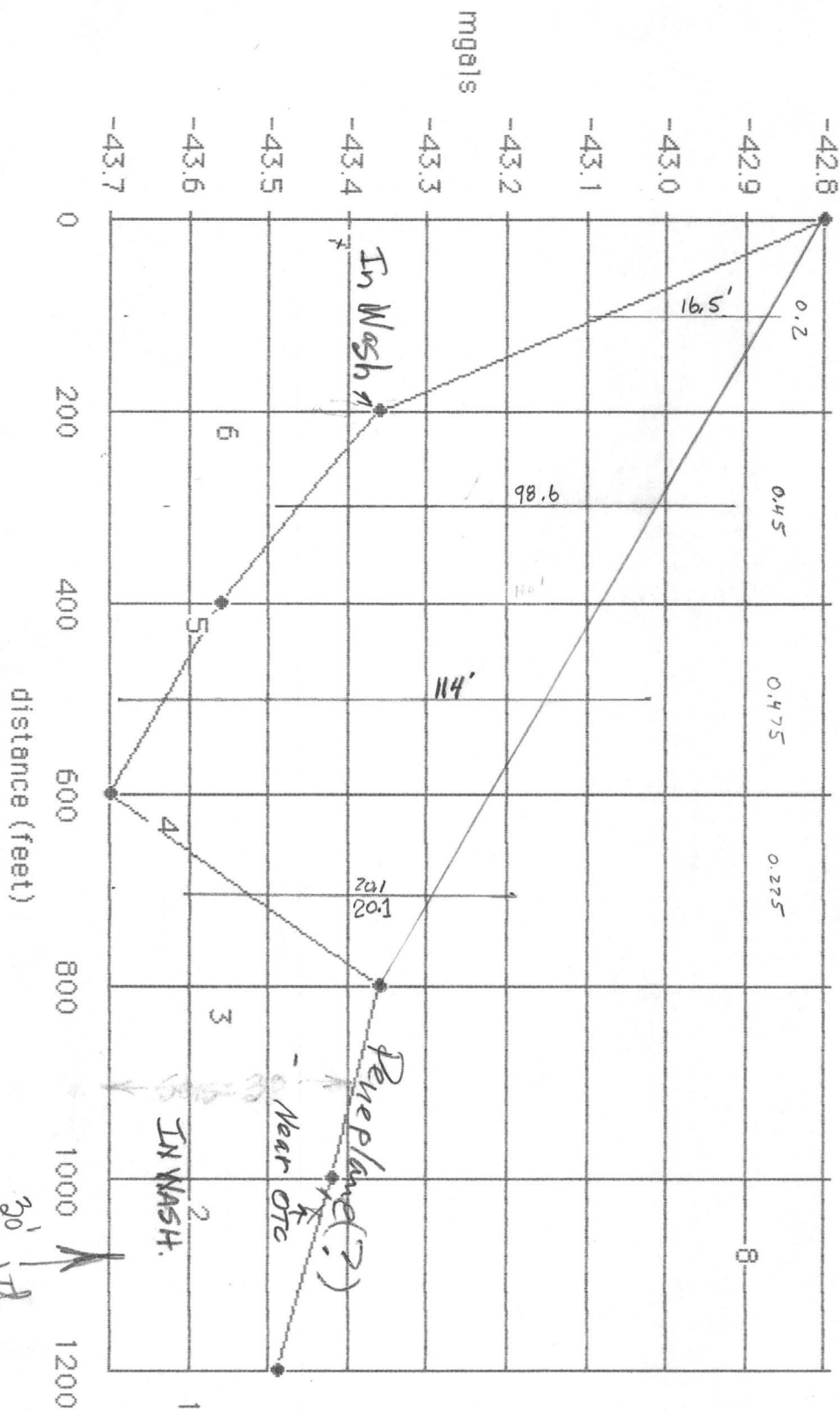
7-7

5.5

NORTH

Peneplane

GRAVITY LINE Z.



30' depth
at 1.85

SOUTH

Gravity (line 7)

NORTH

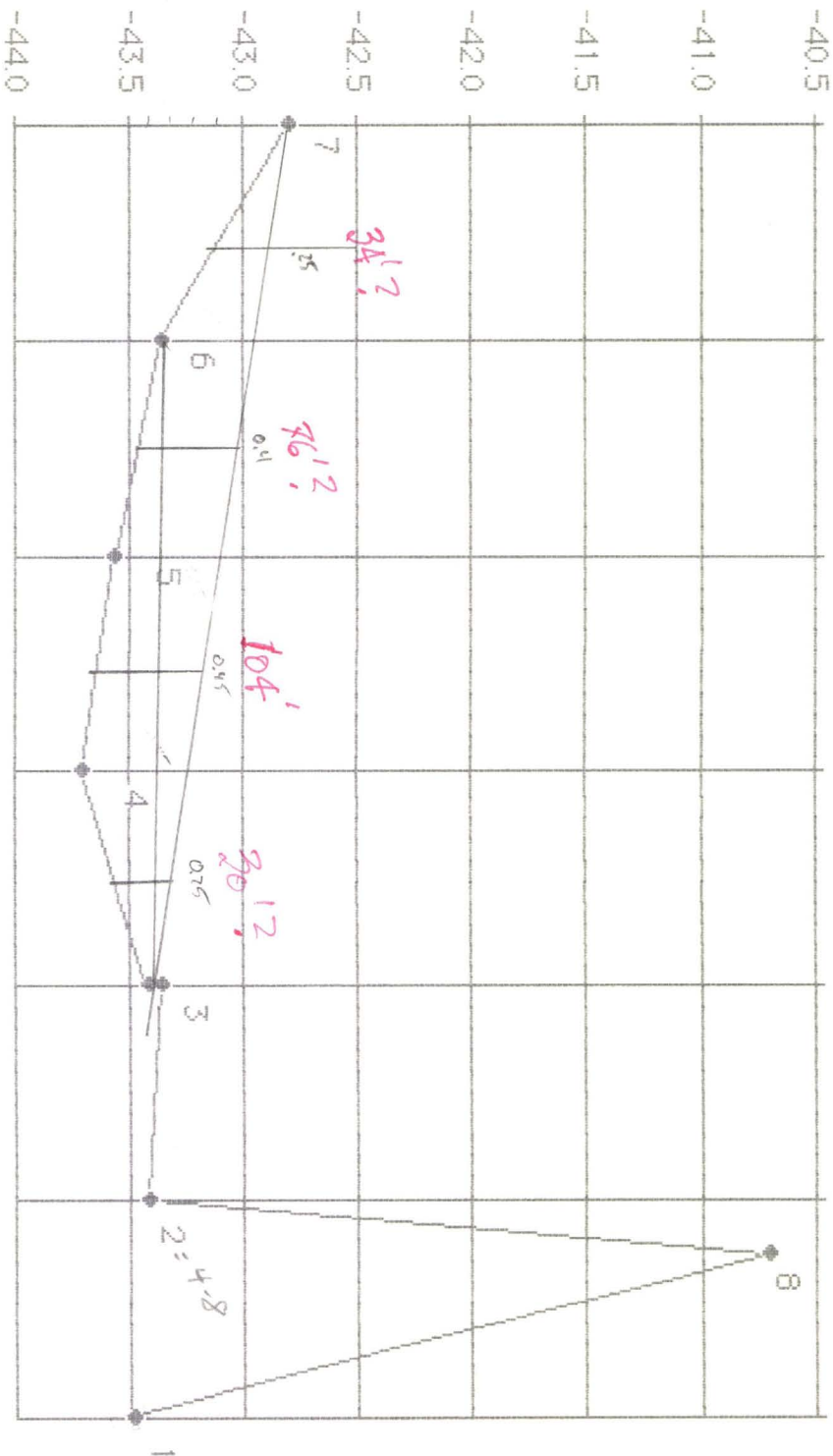
0

200

1200

FOR YOUR EYES ONLY

mgals



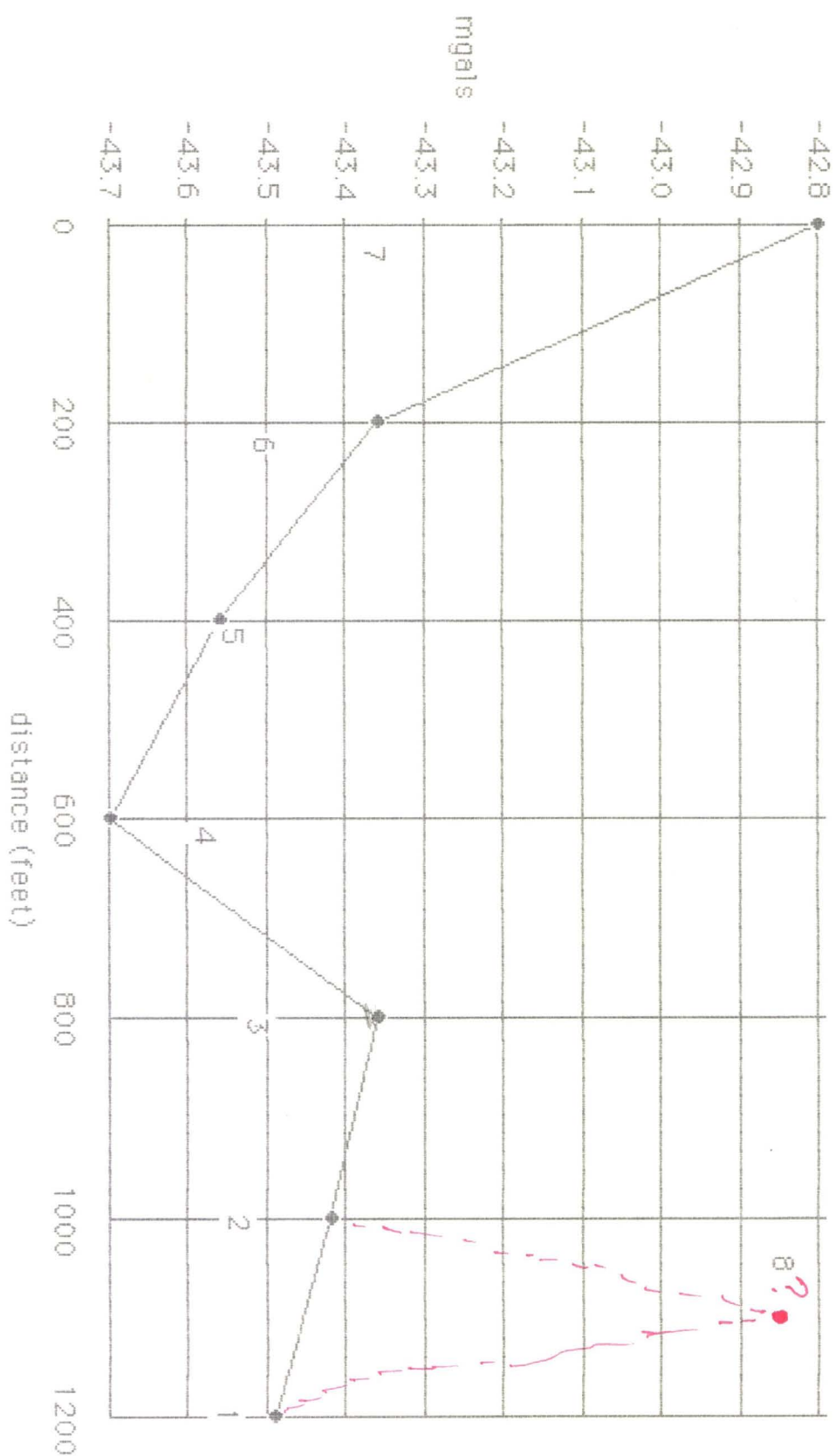
distance (feet)

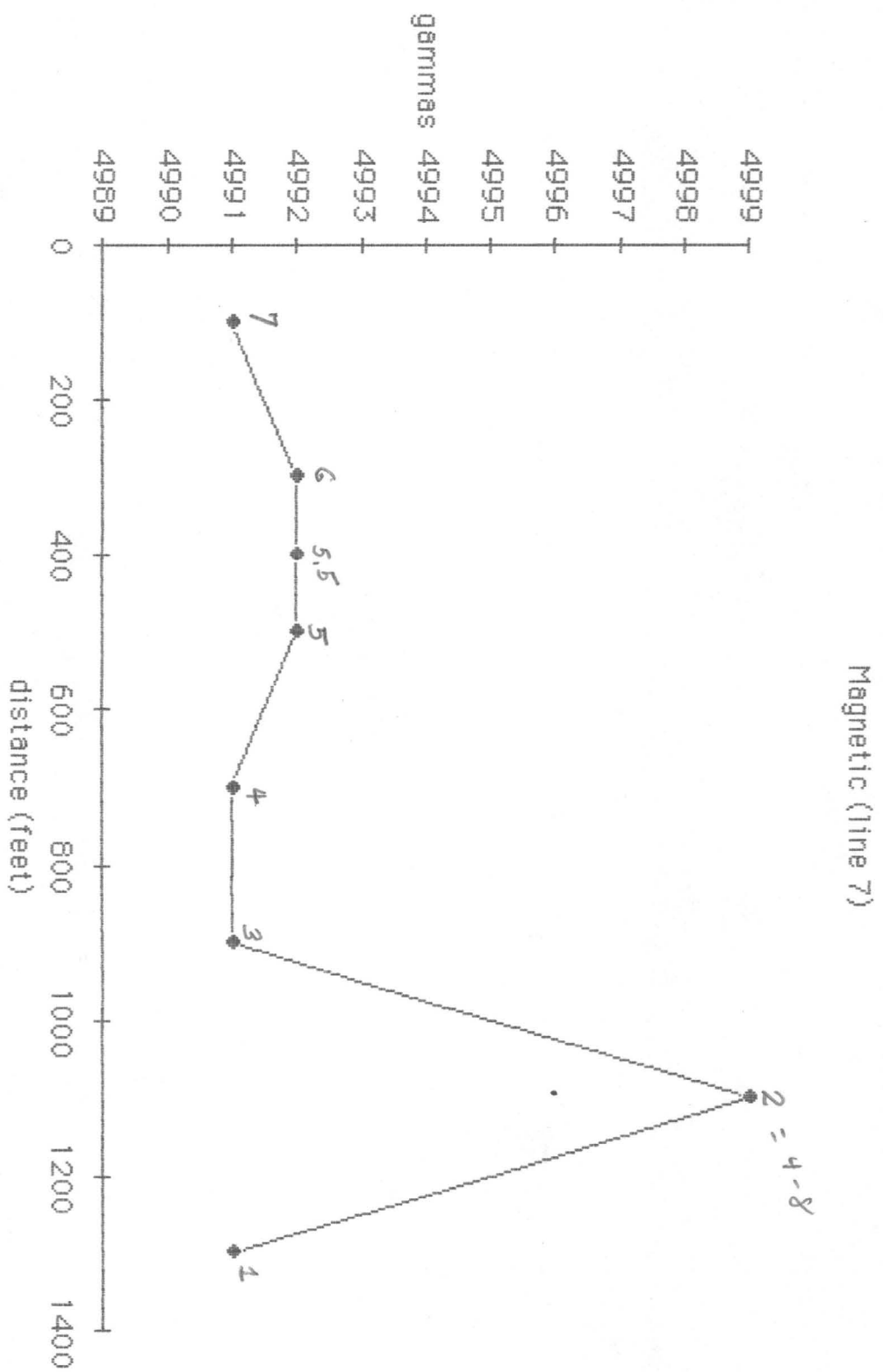
$P_0 + \text{Range (Y Axis)} \rightarrow$
 -41.0 mgals
 -46.0 mgals

SOUTH

Gravity (line 7)

NORTH





S.

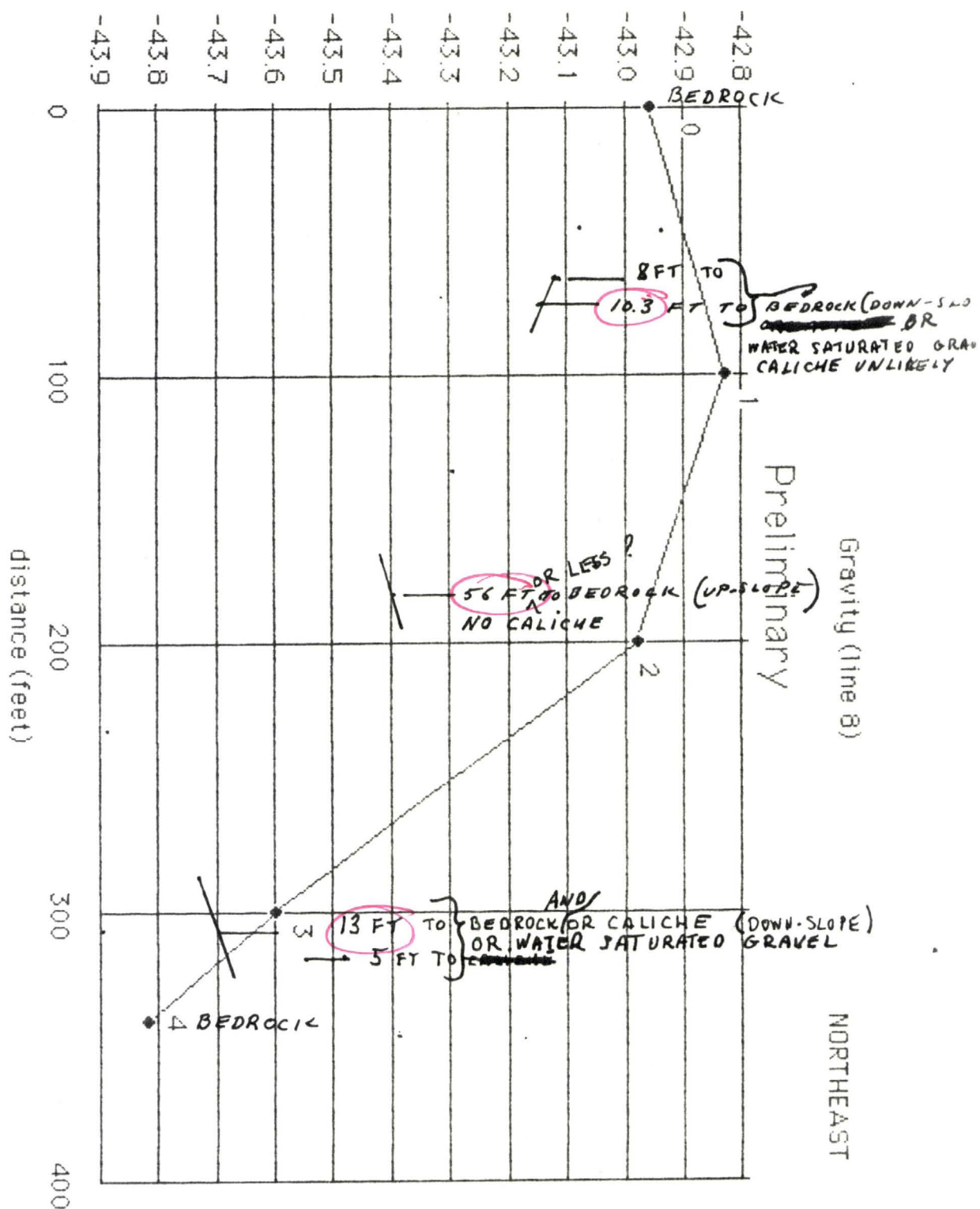
N.

SOUTHWEST

Gravity (line 8)

NORTHEAST

mgals



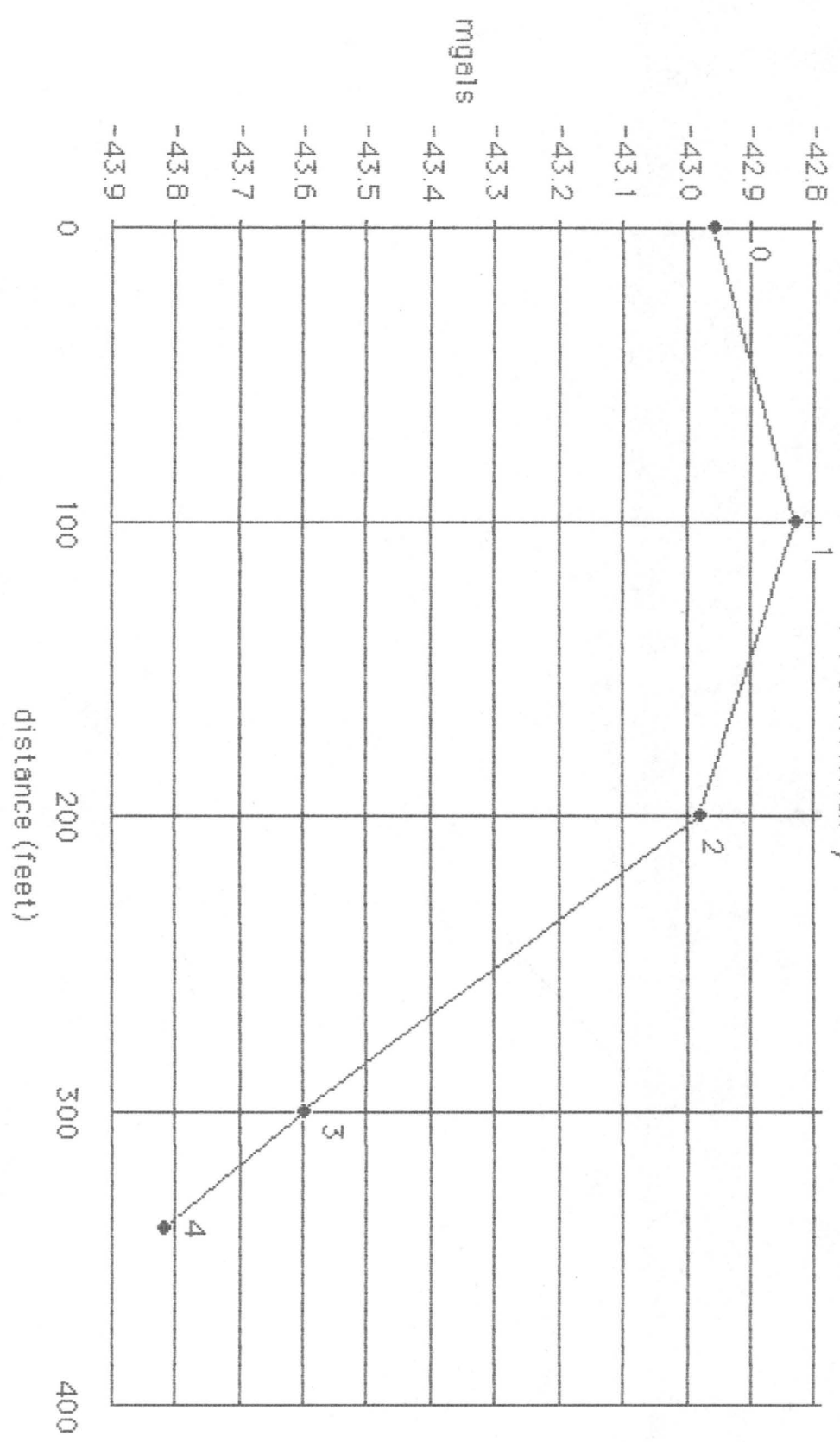
LOOKING NORTHWEST

SOUTHWEST

Gravity (line 8)

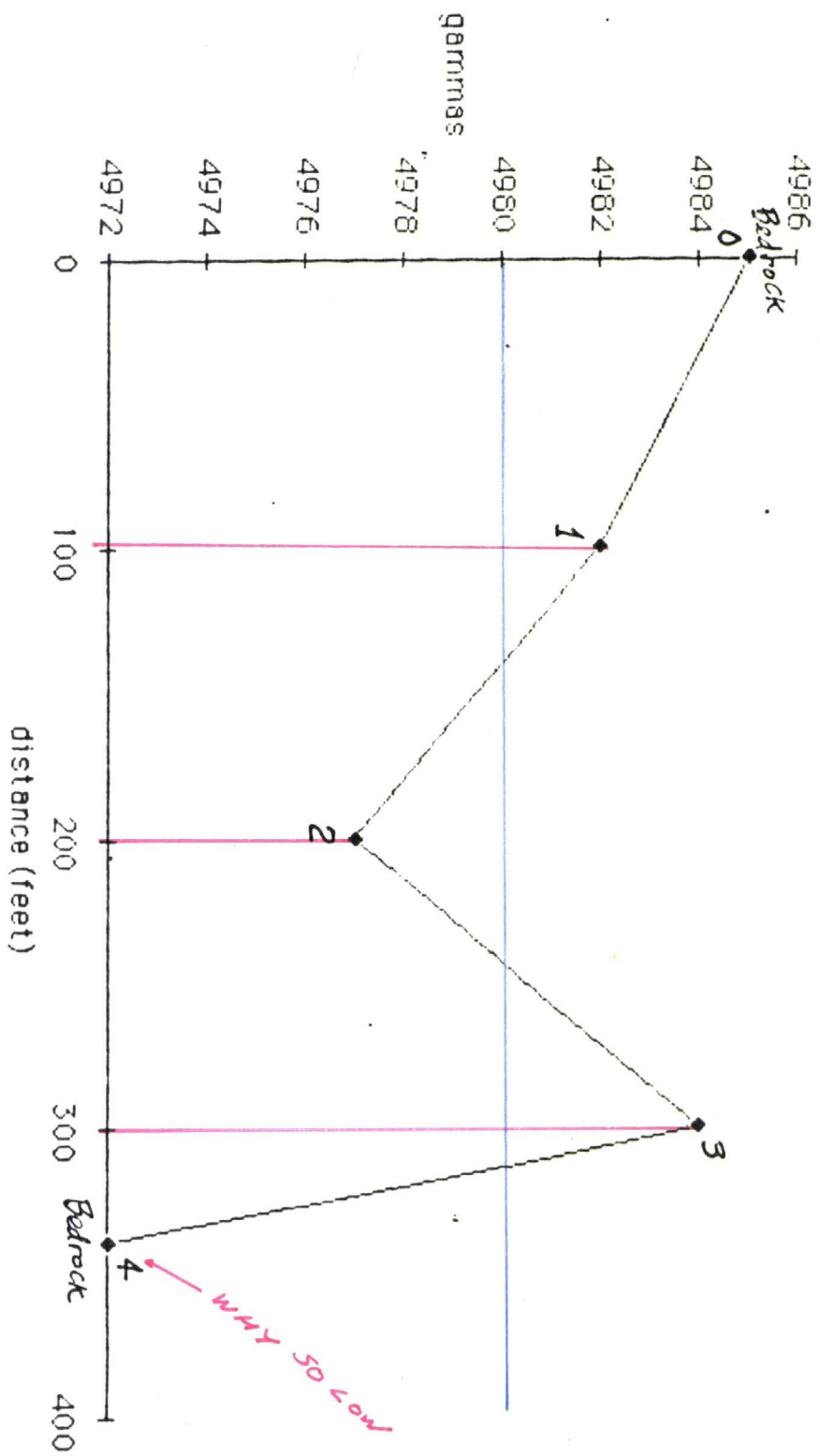
NORTHEAST

Preliminary



LOOKING NORTHWEST

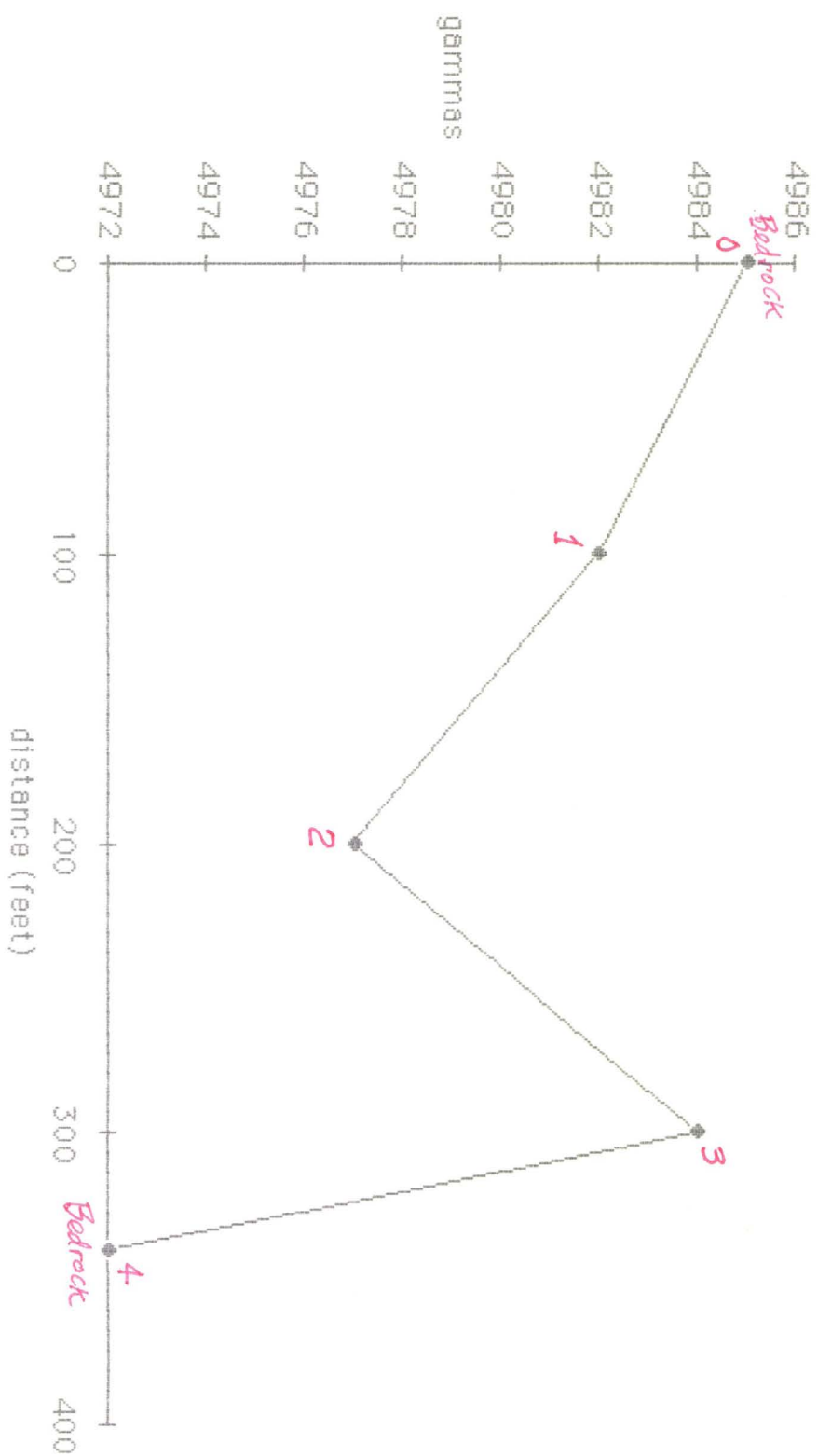
Magnetic (line 8)



SW

NE

Magnetic (line 8)



SOUTH ~~WEST~~

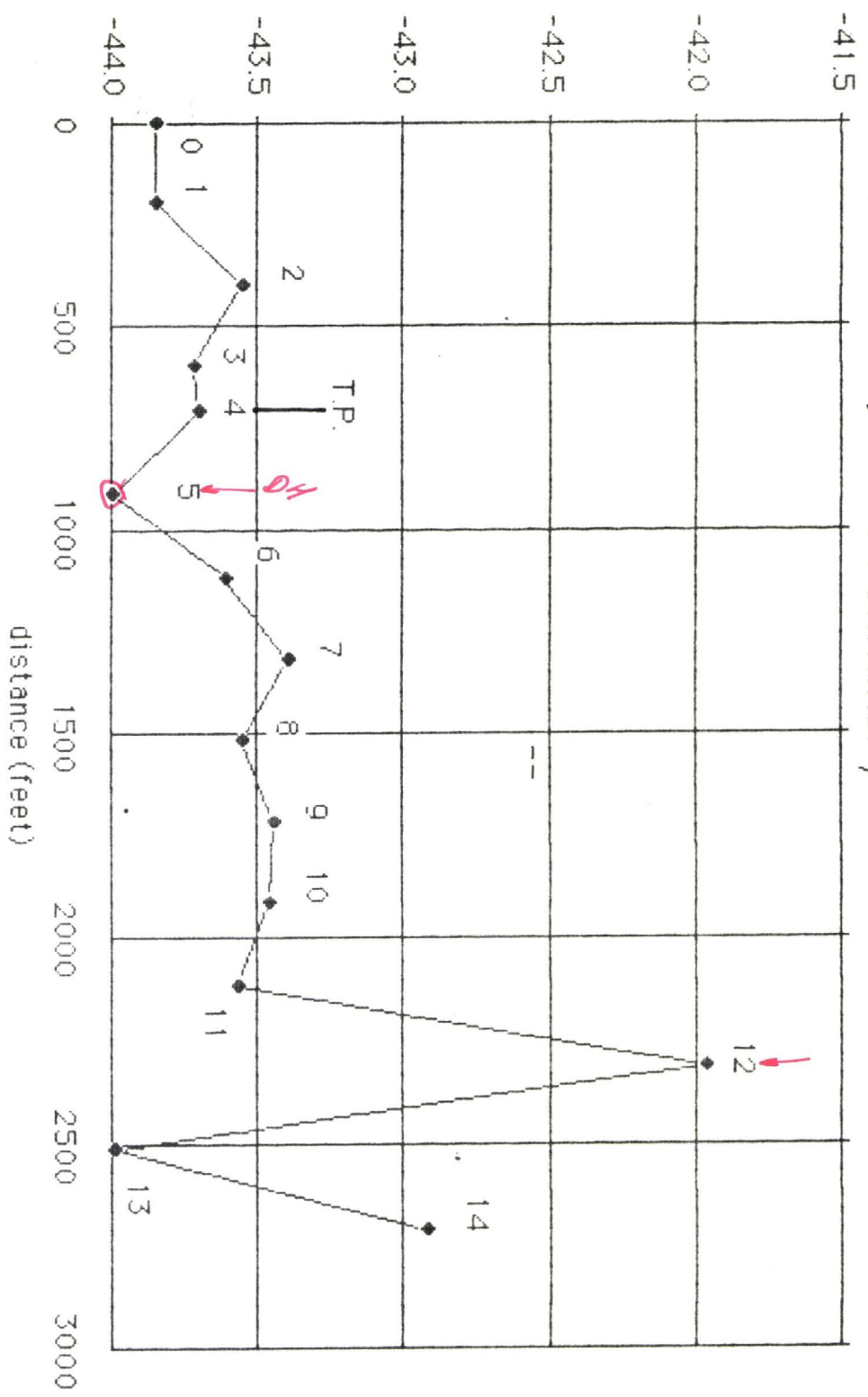
NORTH

SOUTH WEST Gravity (line 9)

NORTHEAST

Preliminary

mgals

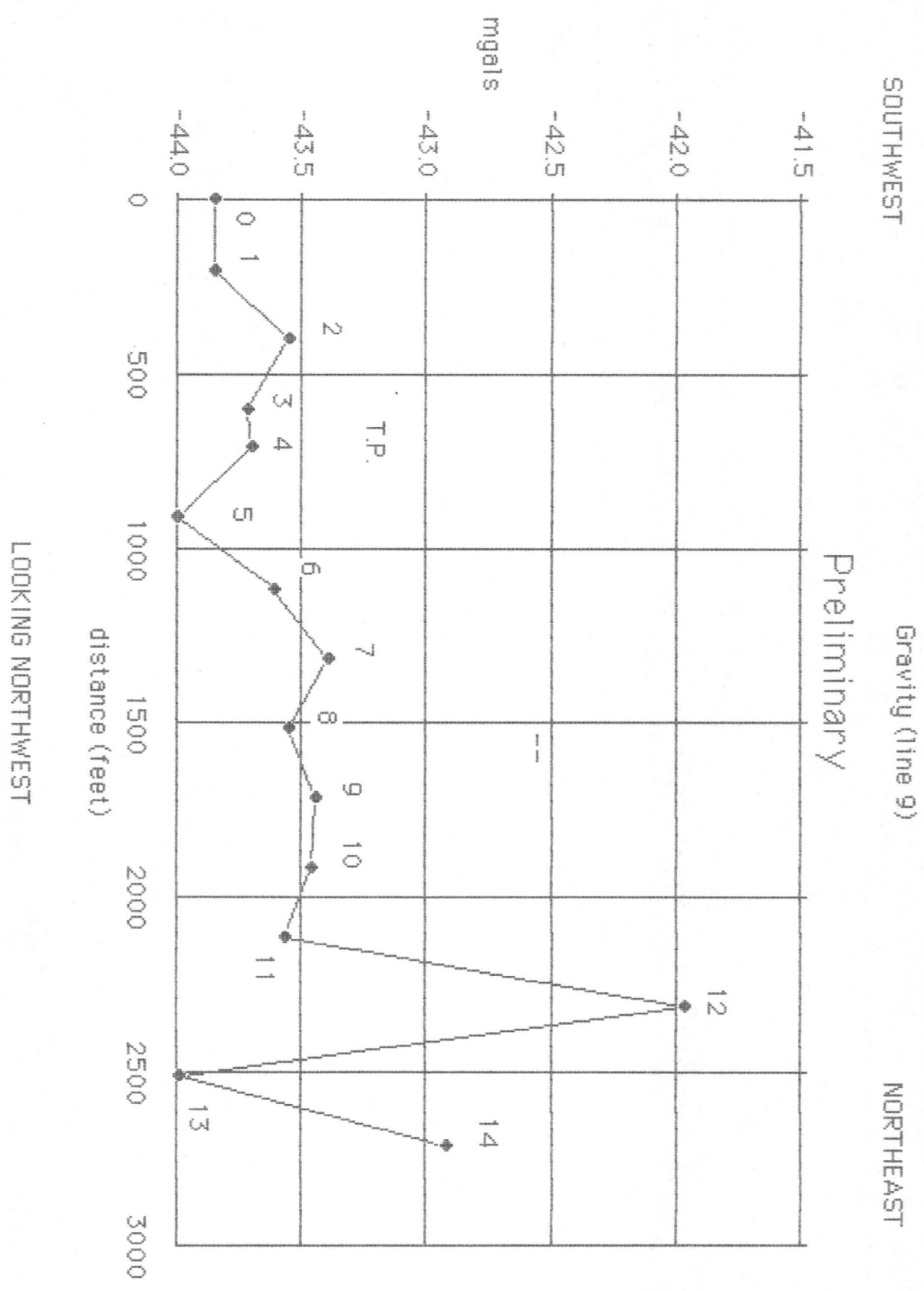


LOOKING WEST

LOOKING NORTHWEST

5-20-55

NC



SOUTH ~~WEST~~

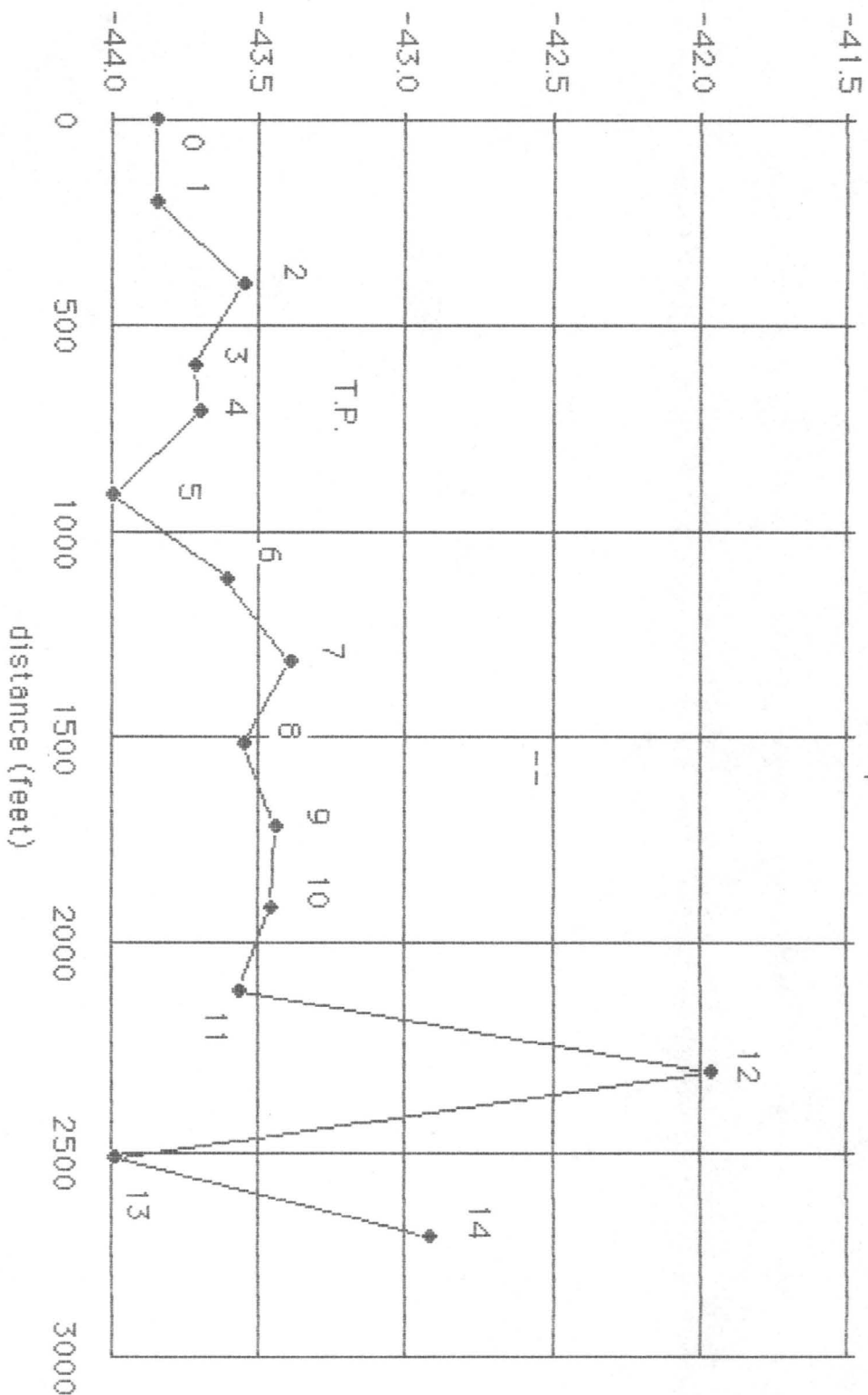
North | Southwest

Gravity (line 9)

NORTHEAST

Preliminary

mgals



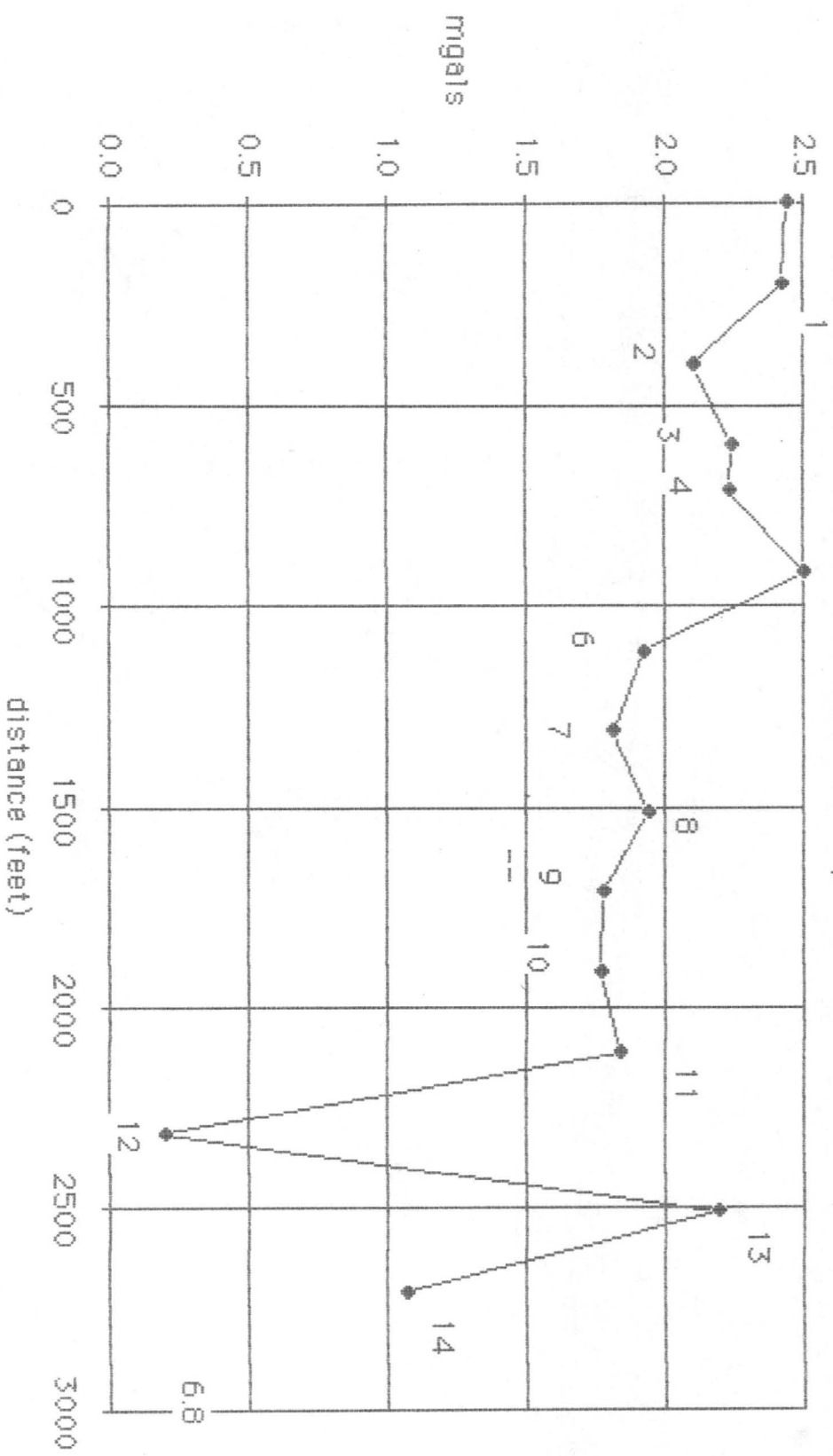
West
LOOKING NORTHWEST
A

SOUTHWEST

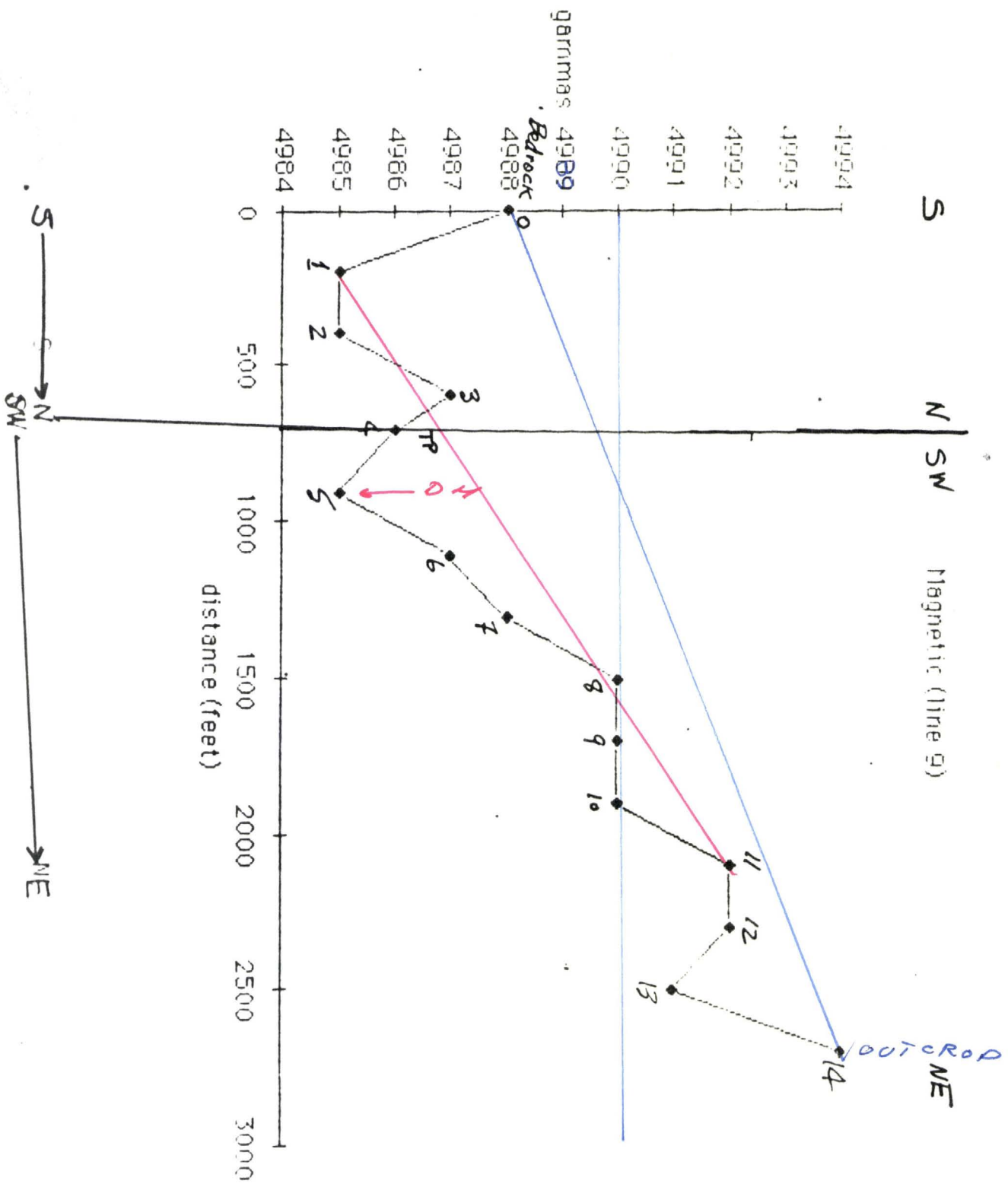
Residual gravity (line 9)

NORTHEAST

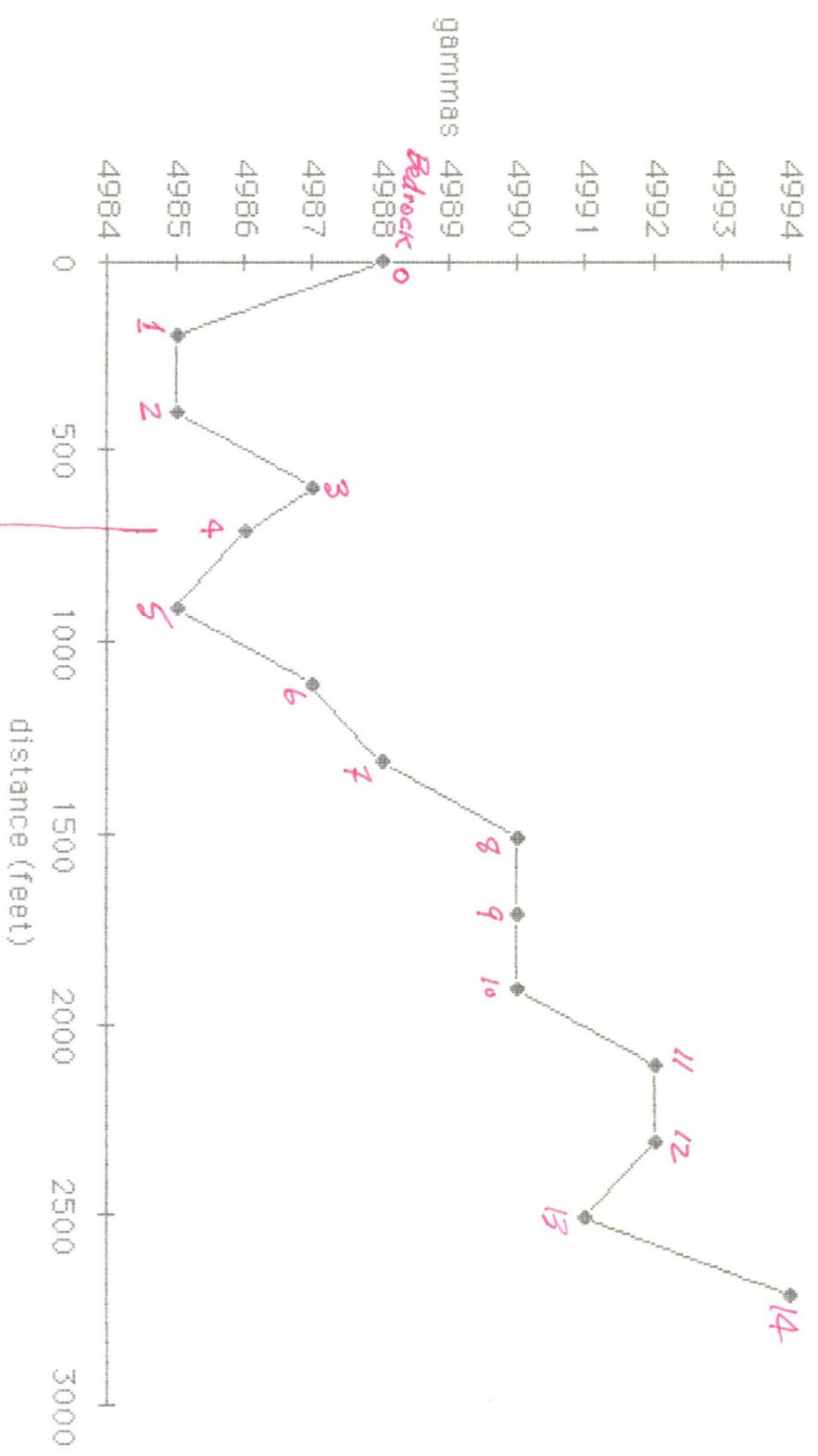
5 Preliminary



LOOKING NORTHWEST



Magnetic (line 9)



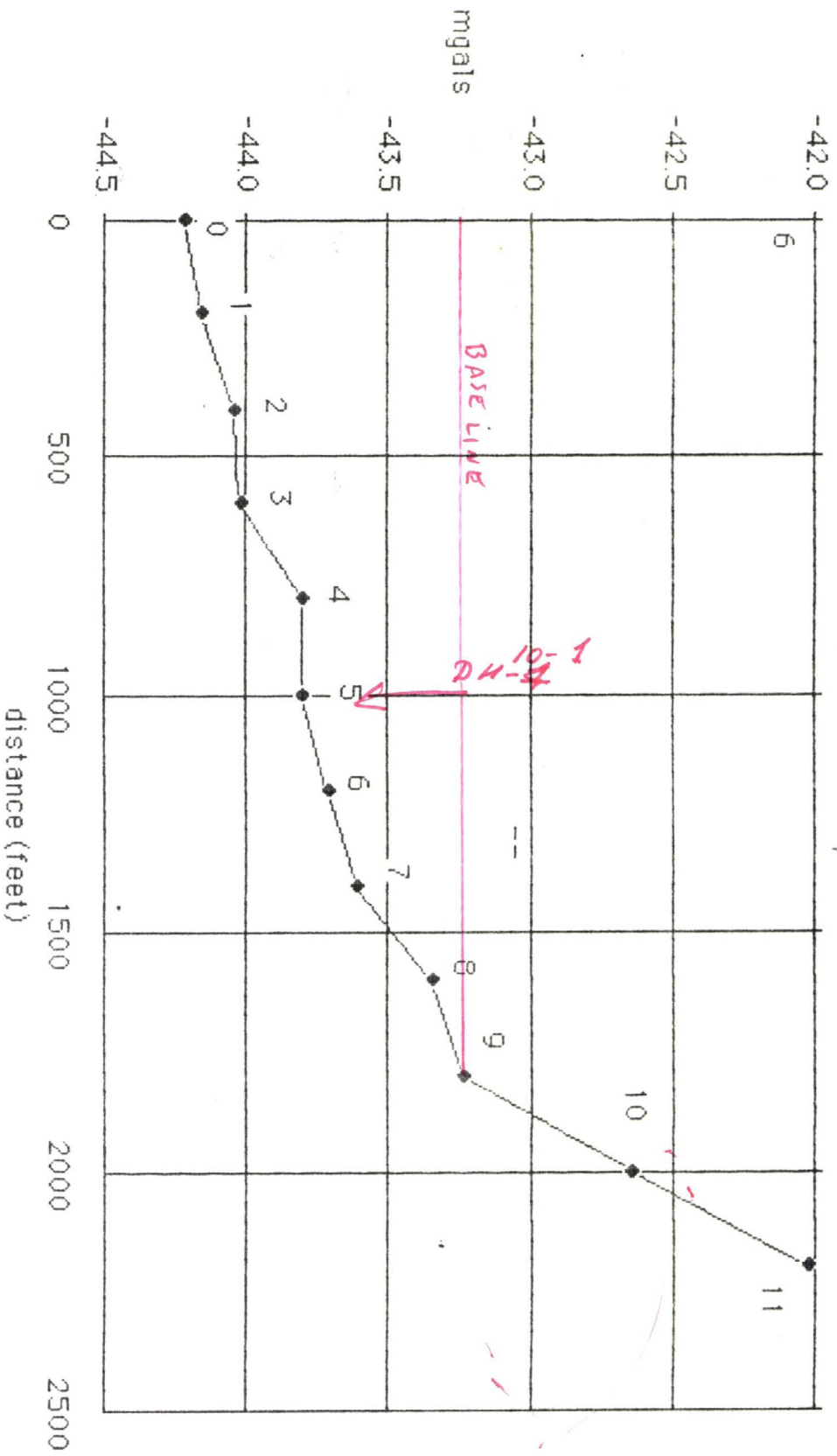
S. N
SW ← → NE

SOUTHWEST

Gravity (line 10)

NORTHEAST

Preliminary



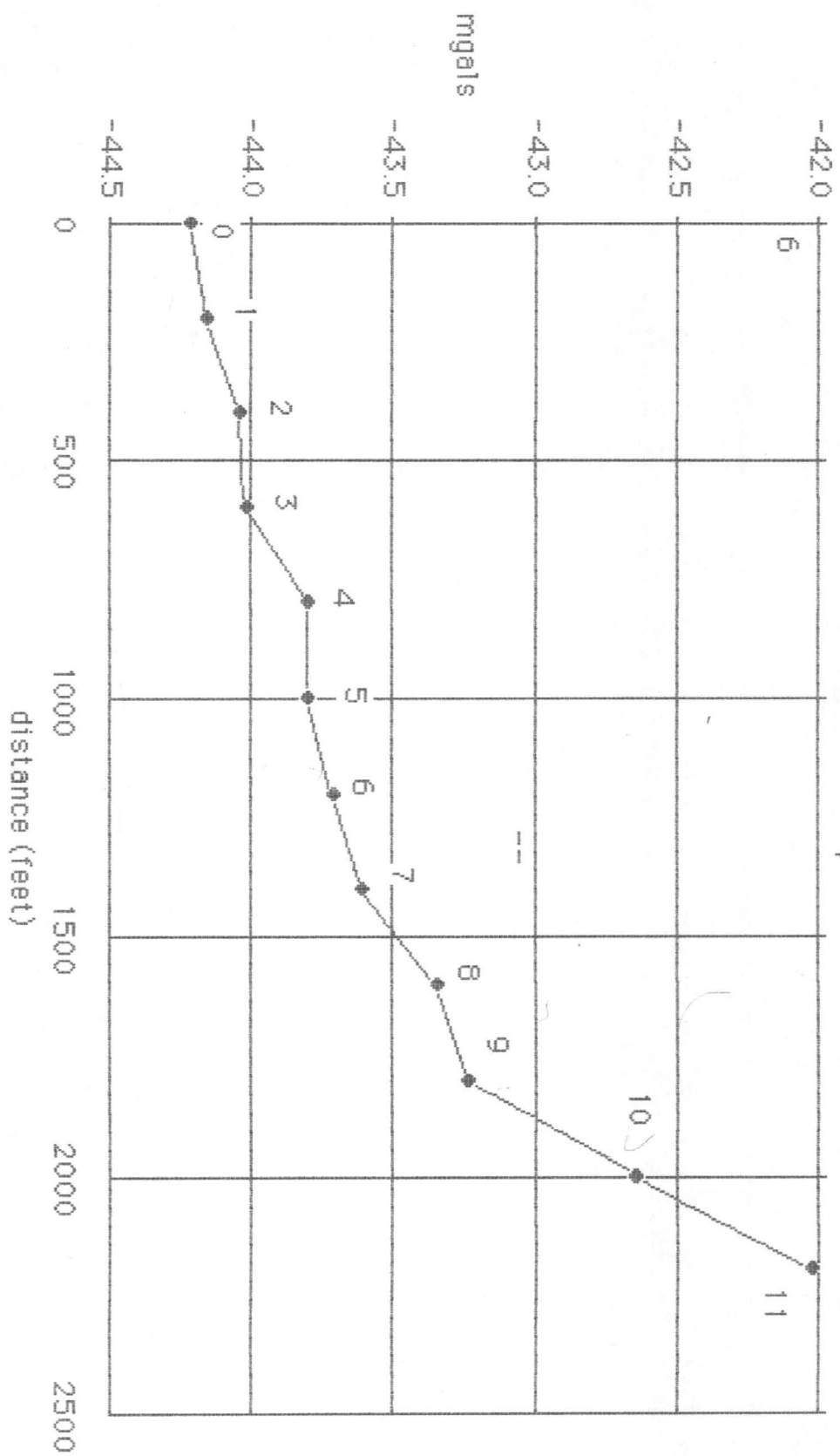
LOOKING NORTHWEST

SOUTHWEST

Gravity (line 10)

NORTHEAST

Preliminary



NC

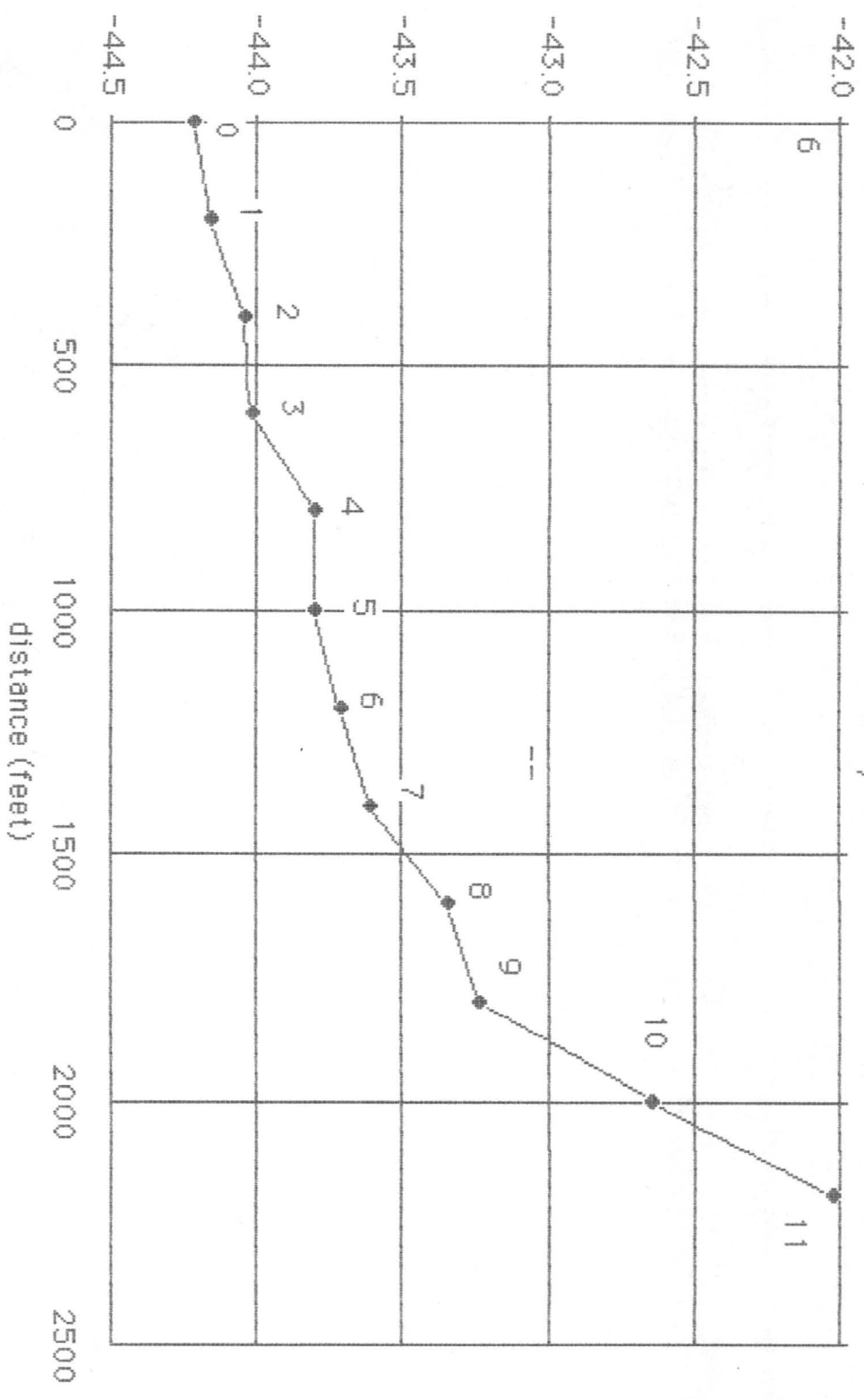
SOUTHWEST

Gravity (line 10)

NORTHEAST

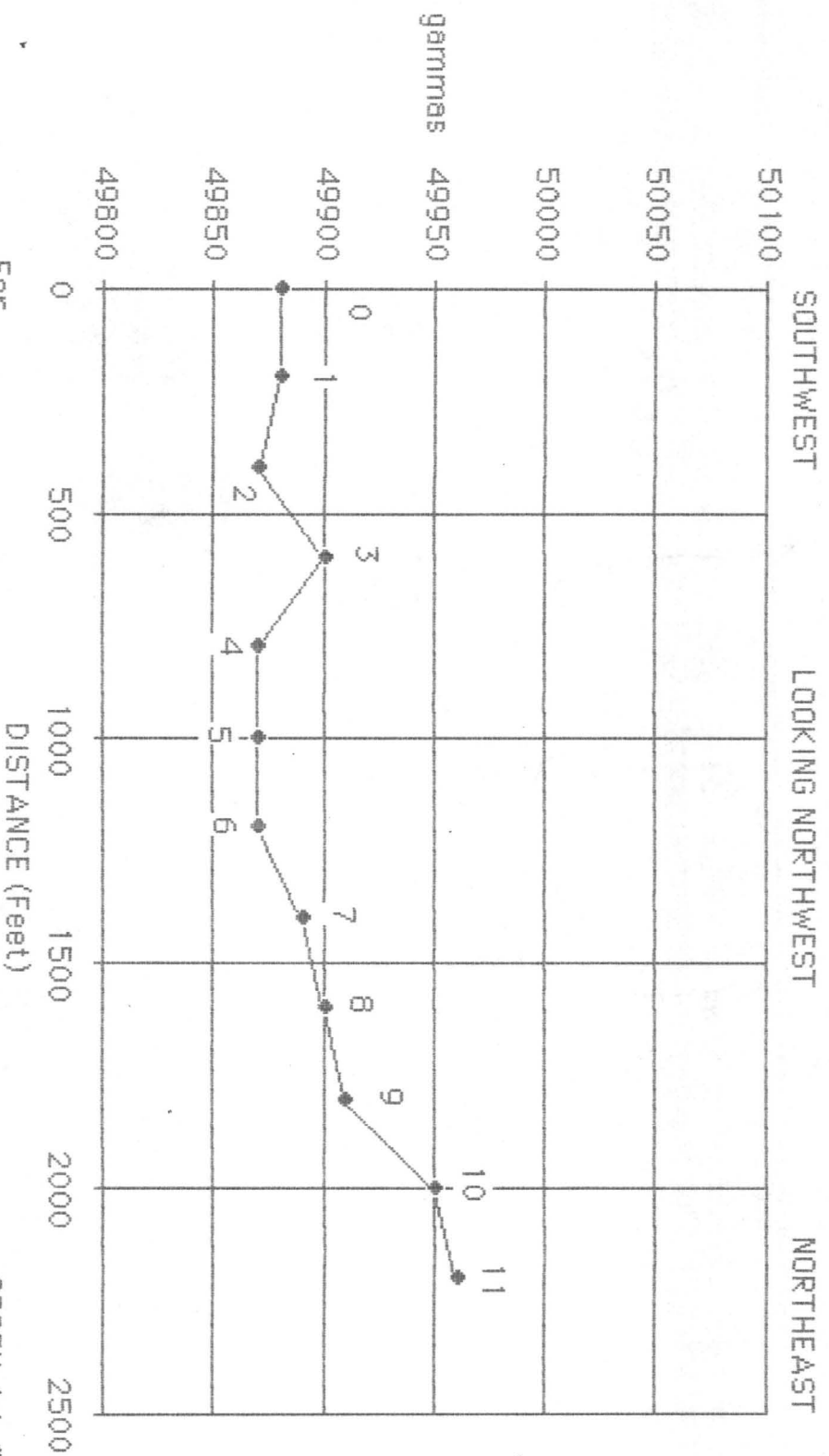
Preliminary

mgals



LOOKING NORTHWEST

LINE 10 MAGNETIC (Total Magnetic Intensity)



For
 La Paz Mining Inc.
 JV Mining Claims
 Gonzales Wash
 La Paz County, Arizona

HEINRICH

GEDEX Job # 1718
 November 9, 1984



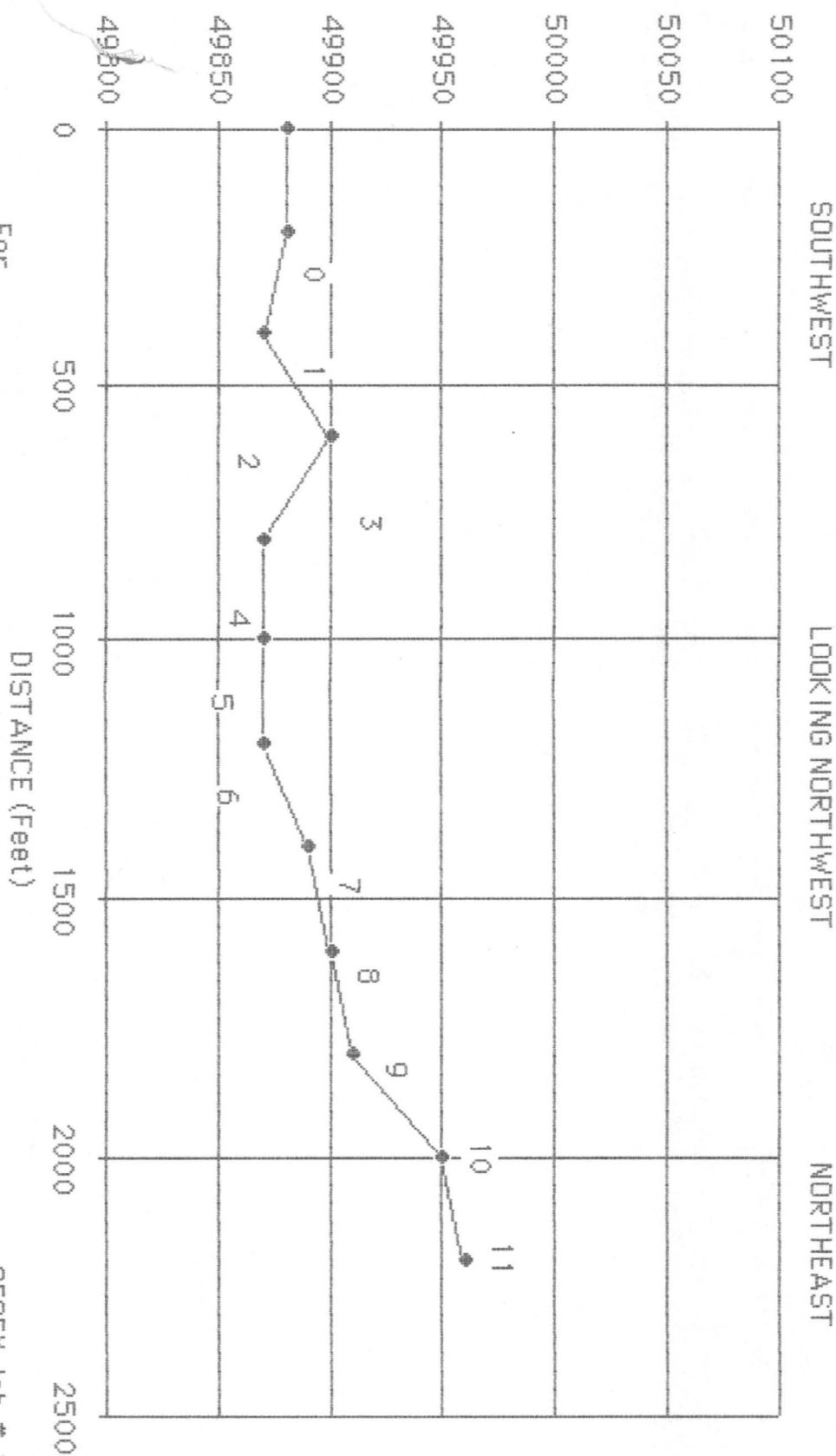
GEDEX Exploration Co.
 P.O. BOX 5964, TUCSON AZ 85741



SHCHIRNIEH

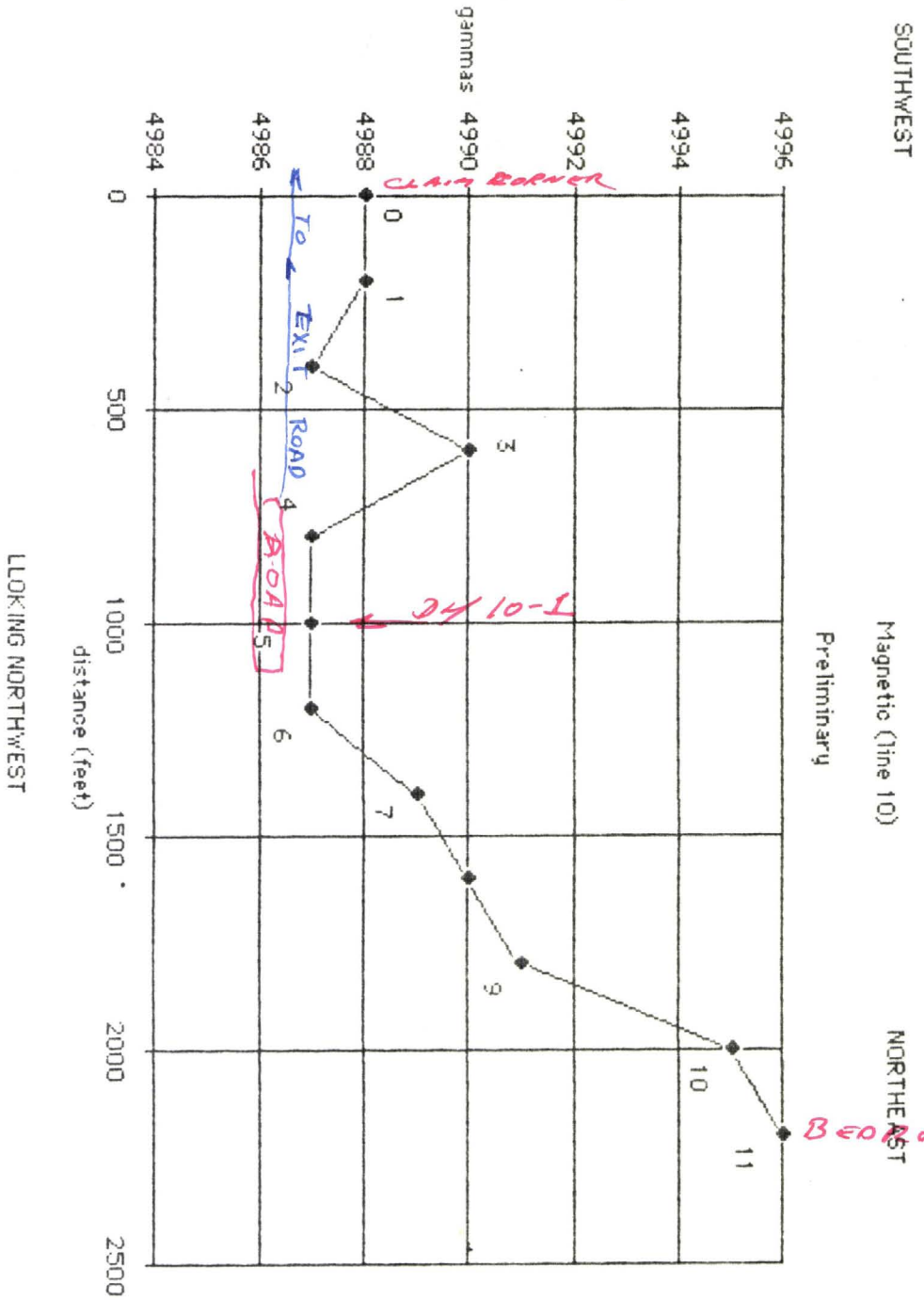
gammas

LINE 10 MAGNETIC (Total Magnetic Intensity)



For
La Paz Mining Inc.
JV Mining Claims
Gonzales Wash
La Paz County, Arizona

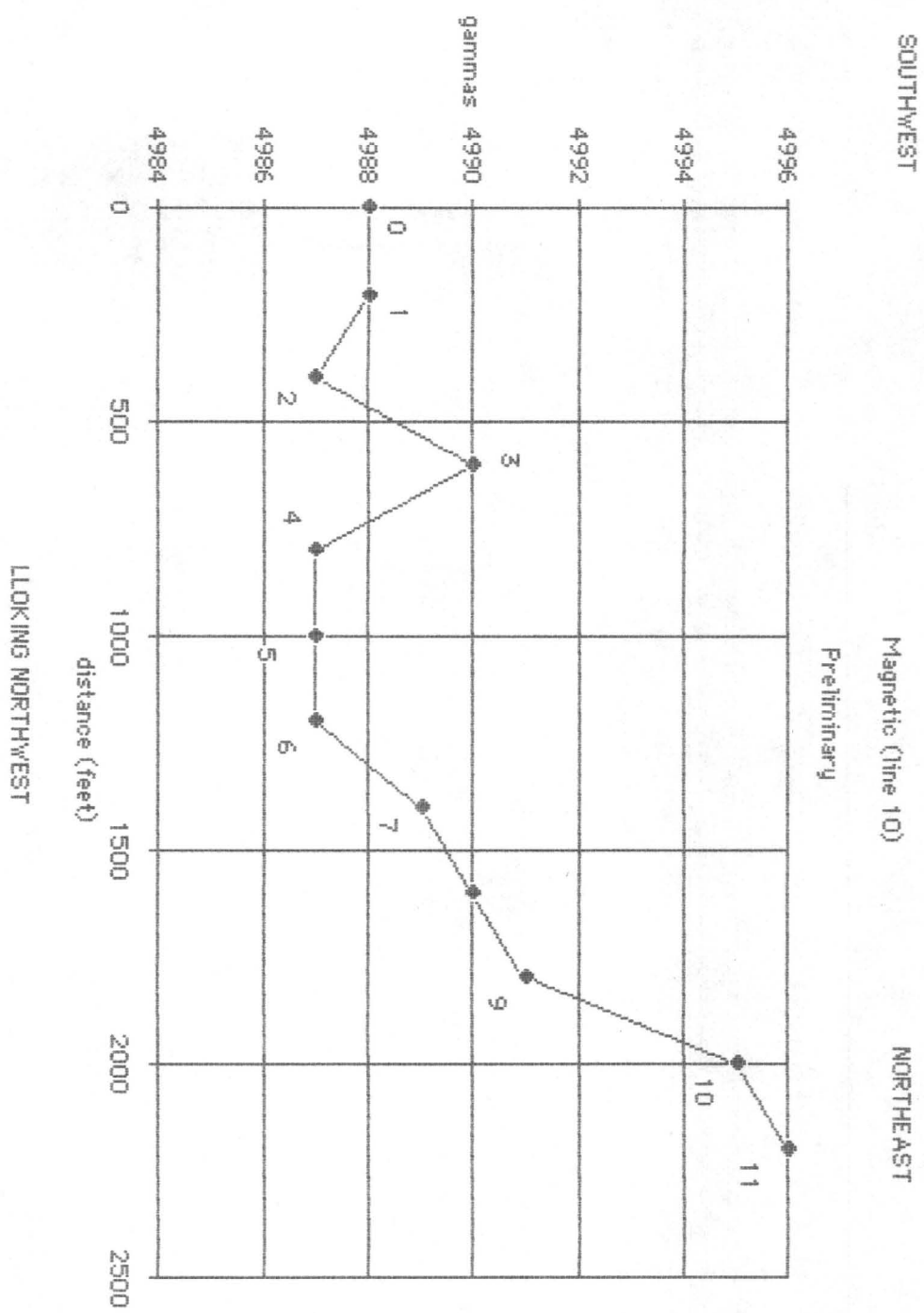
GEODEX Job # 1718
November 9, 1984



5

5

MC



S.

N.

796

44.28

Line 1

Line 1-1 847.0

LINE 1-5 844.1

1-2 834.2

DH 1-5 828.7

LINE 1-6 833.8

DH 1-4 827.6

" 1-3 828.4

" 1-2 827.8

" 1-1 827.6

" 3-2 835.8

Line 3

Line 3-3 834.3

" 2-3 835.8

DH 3-1 836.5

" 3-2 834.6

Line 3

Line 3-4 840.0

" 3-5 841.4 (841.4)

" 3-6 847.2 (847.3)

Line 2

" 2-5 833.4

" 2-6 846.6

Line 6

" 6-8 846.4

Line 2

" 2-3 835.2

" 2-2 834.1

Line 4

" 4-2 830.6

4-5 824.7

4-3 825.4 ✓

4-4 826.0

4-5 823.0

4-6 820.5

4-7 818.2

4-8 819.6

Line 7-8 824.1

7-1 829.9

Line 4-12 830.7

4-13 831.2

Line 7-3 818.0

7-5 818.6

7-7 836.1

7-6 816.8

7-4 819.9

7-3 817.8

Line 4-9 816.9

4-10 815.7

4-3-11 812.0

Line 5-8 834.2

5-7 806.7

5-5 809.2

5-4 812.2

5-3 810.1

5-2 813.5

5-1 809.9

Line 6-5 799.7

6-3 807.7

6-2 808.3

6-4 802.2

6-6 799.7

6-7 796.5

6-8 798.3

6-9 826.1

Line 8-1 775.6

8-2 775.2

8-3 776.6

8-4 786.3

8-0 780.3

Line 9-0 786.9

9-1 775.5

9-2 758.1

9-3 758.7

758.7

9-4 756.9

9-5 760.4

9-6 760.1

9-7 760.6

9-8 761.8

9-10 774.7

9-9 761.2

9-11 788.4

Line 10

10-10 760.8

10-11 771.1

10-9 749.8

10-8 741.5

10-7 740.9

10-6 740.0 est.

10-5 736.6

10-4 731.6

10-3 731.7

10-2 730.5

10-1 728.6

10-0 725.3

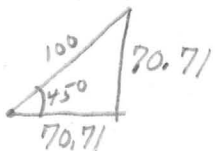
-0.37

	1st	2nd	
Free Air =	-14.41	-15.21	Geology
Bouguer =	-43.35	-43.87	3rd
			-13.64
			-42.89

NOTE
REUNO

AVE 3117 .557									
SEQ	51								
LN	1	STA	1	AT	NE CORNER	JV-5	10-20-84		
READINGS			TIME			OBSERVER			
3115.224			908			MA			
.223			909			MA			
.222			910			MA			
3115.223			909						

10 FT
1.0024



70.71 FT NE ADDS .11699' LAT

70.71 FT E SUBTRACTS .13963' LONG

30 SCALE 0.055

1 TIC = 0.0665

122 TIC = ~~8.813~~

6.71

33 37.5

LAT 33° 44.21'

2.5 MIN = 15.11 IN

.6767 = 4.09 IN

+ 33 37.5

33° 38.1767' LAT

1000 FT N

100 FT N. WOULD ADD ON

.16545'

N

33° 58' 10" LAT

30 scale & LONG

114° 22.5'

+ 216 x .0665 = 14.364

114° 36.864'

LONG

2.5 MIN = 12.66 IN

1.4218 = 7.2 IN

+ ~~114 36.864~~

114° 38.

114 22.5

1.4218

114° 23.9218 LONG

1000 FT W

100 FT WEST WOULD ADD ON .19747'

W

114° 23' 55" LONG

GRAVITY OBSERVATION FORM

MOVE NORTH 100 FT. FROM LAST STATION

Sequence No.

ALSO MAGNETOMETER BASE STATION

Station Ident State County Month Day Year Deg. Latitude Minutes Station Type Bedrock Map Geology

PRIMARY

Deg. Longitude Minutes Meter Type or Number Geology

SECONDARY

Elevation

834.2

Unit Control

COARSE GRAVEL

AND BOULDERS

Geology

TERTIARY

834.2 MACHINE 48° TEMP

	1st	2nd	3rd
F.A.A =	-15.47	-15.90	-14.28
S.B.A.	-44.13	-44.09	-43.09

1

Reading

Time

Quality

Observer

Temp.

2

Reading

Time

Quality

Observer

Temp.

3

Reading

Time

Quality

Observer

Temp.

4

Reading

Time

Quality

Observer

Temp.

NOTE PERUN
OF LINE 1

AVE 3118.329

SEQ 52 L M 1 ST 2 10-20-84

READINGS

TIME

OBS

3115.970

915

MA

.972

916

MA

.975

917

MA

3115.972

916

GRAVITY OBSERVATION FORM

MOVE 100 FT NORTH FROM LAST STATION

SUNNY NICE WEATHER, LITTLE WIND

MIDDLE OF ARROYO

Sequence No.

Station Ident

State

County

Month

Day

Year

Deg. Latitude Minutes

Station Type

Bedrock

Map

Geology

PRIMARY

Deg. Longitude Minutes

Meter Type or Number

Geology

SECONDARY

Elevation

Unit Control

Geology

TERTIARY

827.8

GRAVEL + SAND

FAA = $\frac{1st}{14.64}$ - 16.22
BA = $\frac{2nd}{-43.2}$ - 44.24

FA = -14.72
BA = -43.31

1 Reading

Time

Quality

Observer

Temp.

2 Reading

Time

Quality

Observer

Temp.

3 Reading

Time

Quality

Observer

Temp.

4 Reading

Time

Quality

Observer

Temp.

5 READING

6 READING

Ave 3118 • 697

SEQ 53

LN-1

ST-3

10-20-84

READINGS

TIME

OBS

3116.322

921

MA

3116.328

922

3116.321

923

3116.320

924

3116.324

925

Ave = 3116.322

924

MOVE 100 FT NORTH FROM LAST STA
HIGHER PART OF ARROYO

GRAVEL + Boulders

FA	-15.28	-15.98
BA	-413.77	-44.28

Quality	Observer	Temp.
---------	----------	-------

AVE				3118.443
SEQ	34	LN-1	ST-4	10-20-84
READINGS		TIME		OBS
SEQ	54	LN-1	STA-4	10-20-84
READINGS		TIME		OBS
3116.020		929		MA
.017		930		
.016		931		
AK 3116.018		930		

GRAVITY OBSERVATION FORM

START LINE 2 GONG, FROM CLAIM CORNER
N 45° E 60-100 FT NE JV5

Sequence No.

LM2 - 572

Station Ident

A2

State

LP

County

10

Month

18

Day

84

Year

N 33 38.29

Deg. Latitude

Minutes

Station Type

Bedrock

Map

Geology

PRIMARY

W 114 23.78

Deg. Longitude

Minutes

Meter Type or Number

Geology

SECONDARY

830

Elevation

Unit Control

Unit Control

Geology

TERTIARY

Geology

816.5
834.1

MAG 49.93

GRAVEL + BOULDER
SAME ELEV. AS ROAD
ALONG ARROYO

FA = -16.10

BA = -44.91

1 3116 101

Reading

1019

Time

Quality

Observer

Temp.

2 098

Reading

1021

Time

Quality

Observer

Temp.

3 100

Reading

1023

Time

Quality

Observer

Temp.

AVE 4 3116 100

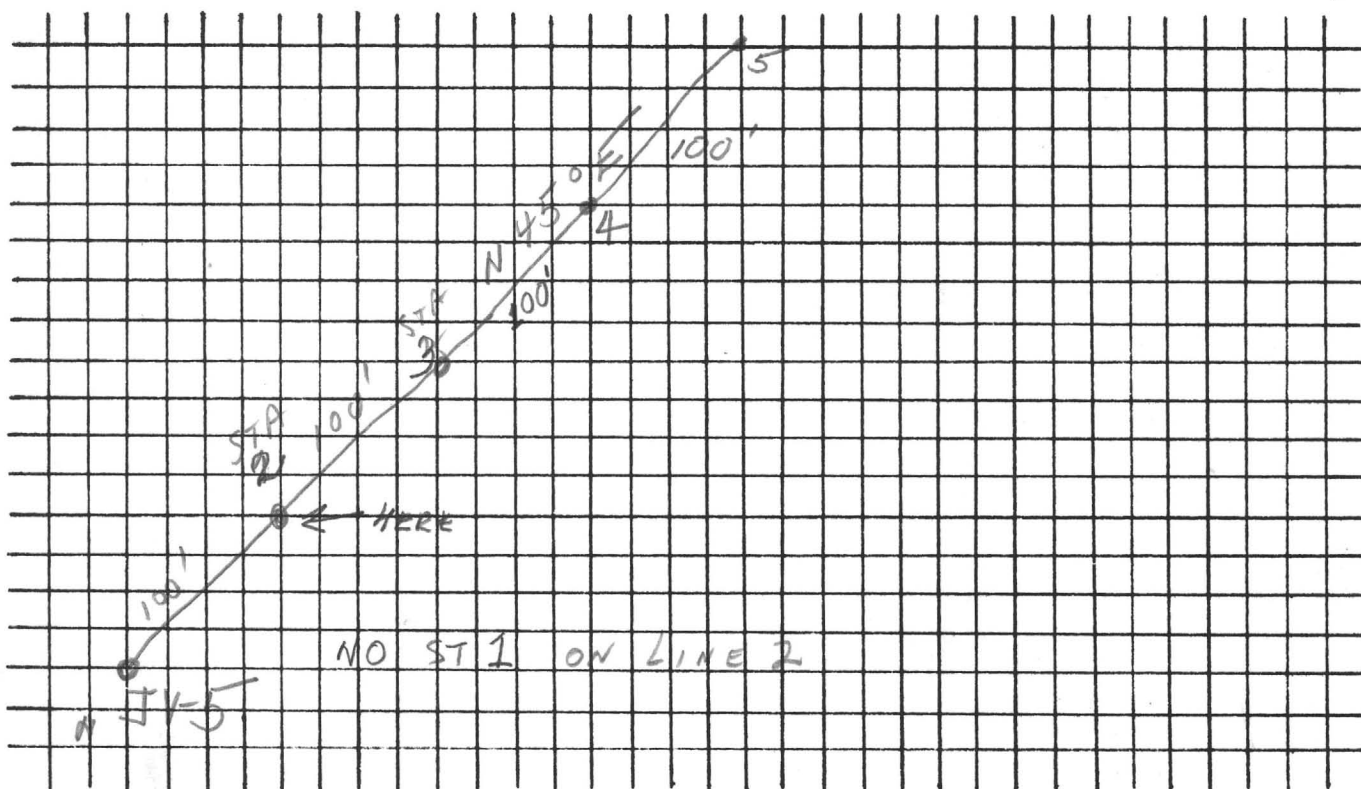
Reading

Time

Quality

Observer

Temp.



START
N LAT $33^{\circ}38.1767$
 $33^{\circ}38'10''$

AND
W LONG $114^{\circ}23.9218$
 $114^{\circ}23'55''$

 $33^{\circ}38.29$

$114^{\circ}23.782$

GRAVITY OBSERVATION FORM

MOVE

100 FT

N 45° E

 9

Sequence No.

LN2 - ST 3

Station Ident

AZ

State

LP

County

10

Month

18

Day

84

Year

N 33 38.41

Deg. Latitude

Minutes

Station Type

Bedrock

Map

Geology

PRIMARY

W 114 23.64

Deg. Longitude

Minutes

Meter Type or Number

Geology

SECONDARY

 828

Elevation

Unit Control

Geology

TERTIARY

 TRY 814.50
835.2

F.A. = -16.32

B.A. = -45.16

SAND & GRAVEL

	1ST	2ND
FA =	-16.99	-18.26
BA =	-45.59	-46.39

 1 3115.930

Reading

 1029

Time

Quality

MA

Observer

Temp.

 2 940 NG.

Reading

 1030

Time

 18

Quality

Observer

Temp.

 3 930

Reading

 1031

Time

Quality

Observer

Temp.

 4 932

Reading

 1032

Time

Quality

Observer

Temp.

AVE 3115.931

GRAVITY OBSERVATION FORM

MOVE 100 FT N 45°E

Sequence No.

4N2 - 575

Station Ident

AZ

State

LP

County

10

Month

18

Day

84

Year

33

Deg. Latitude

38

Minutes

38"

F

Station Type

Bedrock

Map

Geology

PRIMARY

W 114

Deg. Longitude

23

Minutes

36

Meter Type or Number

828

Elevation

1st Unit Control

Geology

SECONDARY

Geology

TERTIARY

TR 814.50

833.4

FA = -17.13

BA = -45.73

2ND

-18.40

-46.56

GRAVELY BOULDERS

FAR SIDE OF ARROYO

B.A = -45.41

1

3116

Reading

038

NG

1045

Time

Quality

Observer

Temp.

2

Reading

030

1046

Time

Quality

Observer

Temp.

3

Reading

028

1047

Time

Quality

Observer

Temp.

AXE

Reading

031

Time

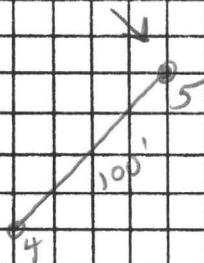
Quality

Observer

Temp.

A V K

3116.030



MOVE 100 FT N 450 E

B. A = -45.00

1	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> , <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	<u>MA</u>	<input type="text"/>
	Reading	Time	Quality	Observer	Temp.
2	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> , <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Reading	Time	Quality	Observer	Temp.
3	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> , <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Reading	Time	Quality	Observer	Temp.
4	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> , <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Reading	Time	Quality	Observer	Temp.

A handwritten calculation on a grid background. The number 5 is written in the top left. To its right, the number 623.6 is written. An equals sign is in the middle. To the right of the equals sign, the number 3118.0 is written. The entire calculation is underlined.

GRAVITY OBSERVATION FORM

MOVE 80 FT N45°E

Sequence No. Station Ident -

Station Ident

N

Deg. Latitude

Minutes

State

State

County

County

Month

Month

Day

Day

Year

Year

Station Type

Bedrock

Map

Geology

PRIMARY

W

Deg. Longitude

Minutes

Meter Type or Number

Elevation

826.80

2nd Unit Control

Elev. = 860

FA = -17.21 -18.92

BA = -46.39 -47.47

B.A. = -45.49

1

Reading

Time

Quality

MA

Observer

Temp.

2

Reading

Time

Quality

Observer

Temp.

3

Reading

Time

Quality

Observer

Temp.

4

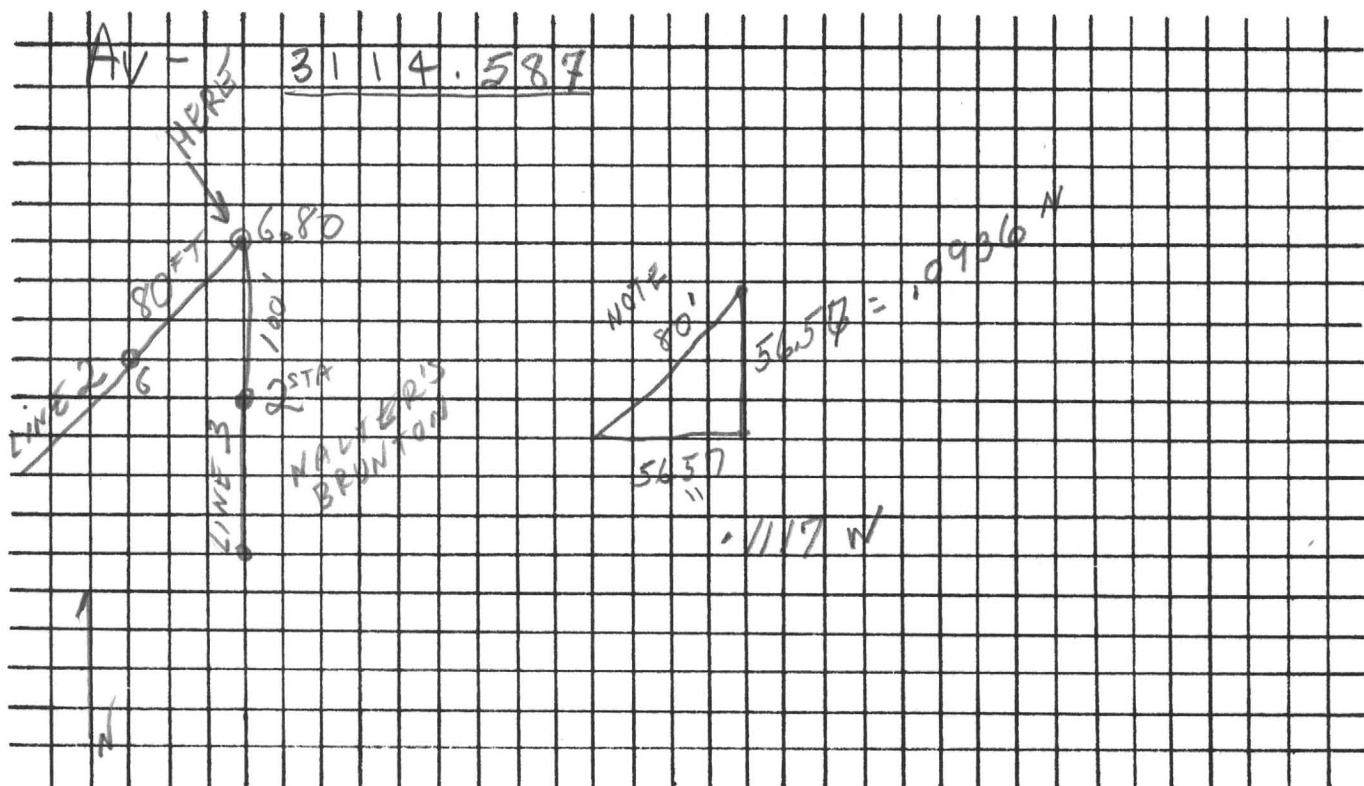
Reading

Time

Quality

Observer

Temp.



GRAVITY OBSERVATION FORM

MOVE 100 FT SOUTH

Sequence No.

 -

Station Ident

State

County

Month

Day

Year

Deg. Latitude

Minutes

Station Type

Bedrock

Map

Geology

PRIMARY

Deg. Longitude

Minutes

Meter Type or Number

Elevation

836.5

Unit Control

Geology

SECONDARY

Geology

TERTIARY

F.A. = -17.11

B.A. = -45.39

B.A. = -45.78

SAND + GRAVEL

1

Reading

Time

Quality

Observer

Temp.

2

Reading

Time

Quality

Observer

Temp.

3

Reading

Time

Quality

Observer

Temp.

4

Reading

Time

Quality

Observer

Temp.

 AV. = $\frac{1}{4} \times 680 = 170$
 3115.742

STA 2

1

N

GRAVITY OBSERVATION FORM

MOVE 100 FT SOUTH

Sequence No.

 -

Station Ident

State

County

Month

Day

Year

Deg. Latitude

Minutes

Station Type

Bedrock

Map

Geology

PRIMARY

Deg. Longitude

Minutes

Meter Type or Number

Geology

SECONDARY

Elevation

Unit Control

Geology

TERTIARY

834.3

FA = -16.87

SAND + GRAVEL

B.A. = -44.99

BA = -45.43

BOTTOM MIDDLE OF ARROYO

1

Reading

Time

Quality

Observer

Temp.

2

Reading

Time

Quality

Observer

Temp.

3

Reading

Time

Quality

Observer

Temp.

4

Reading

Time

Quality

Observer

Temp.

5

Reading

Time

Quality

Observer

Temp.

AV.

STA 2

3116.070

100'

STA 3

LINE 3

N

GRAVITY OBSERVATION FORM

MOVE 100 FT SOUTH

Sequence No.

 -

Station Ident

State

County

Month

Day

Year

Deg. Latitude

Minutes

Station Type

Bedrock

Map

Geology

PRIMARY

Deg. Longitude

Minutes

Meter Type or Number

Elevation

Unit Control

Geology

SECONDARY

Geology

TERTIARY

 $\cdot 840.0 \cdot$

FA = -16.62

B.A. = -44.78

BA = -45.32

SAND + GRAVEL BENCH

4 FT ABOVE BOTTOM OF ARROYO

1	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	MA	
	Reading	Time	Quality	Observer	Temp.	
2	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>		
	Reading	Time	Quality	Observer	Temp.	
3	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>		
	Reading	Time	Quality	Observer	Temp.	
4	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>		
	Reading	Time	Quality	Observer	Temp.	

 $AV. = \text{STATION } 3115.677$

 LINE
STAY

GRAVITY OBSERVATION FORM

MOVE 100 FT SOUTH

Sequence No.

Station Ident

State

County

Month

Day

Year

Deg. Latitude Minutes

Station Type

Bedrock

Map

Geology

PRIMARY

Deg. Longitude Minutes

Meter Type or Number

Geology

SECONDARY

Elevation

Unit Control

Geology

TERTIARY

841.4

FA = -15.65

B.A. = -44.58

BA = -44.66

SAND + GRAVEL

AT BACK HOE DUG 3x4 TRENCH

1 Reading

Time

Quality

Observer

Temp.

2 Reading

Time

Quality

Observer

Temp.

3 Reading

Time

Quality

Observer

Temp.

4 Reading

Time

Quality

Observer

Temp.

AV. = 3115.545

STA 4

STA 5

GRAVITY OBSERVATION FORM

MOVE 100 FT SOUTH

TO SOLID ROCK 4 FT HIGHER THAN LAST POINT

Sequence No.

 -

Station Ident

State

County

Month

Day

Year

 .

Deg. Latitude

Minutes

Station Type

Bedrock

Map

Geology

PRIMARY

 .

Deg. Longitude

Minutes

Meter Type or Number

Elevation

Unit Control

Geology

SECONDARY

Geology

TERTIARY

847.2

FA = -15.12

BA = -44.34

DARK GREEN
SCHIST

B.A. = -44.27

1 .

Reading

Time

Quality

Observer

Temp.

2 .

Reading

Time

Quality

Observer

Temp.

3 .

Reading

Time

Quality

Observer

Temp.

4

Reading

Time

Quality

Observer

Temp.

AV = 3115.239

STA 0

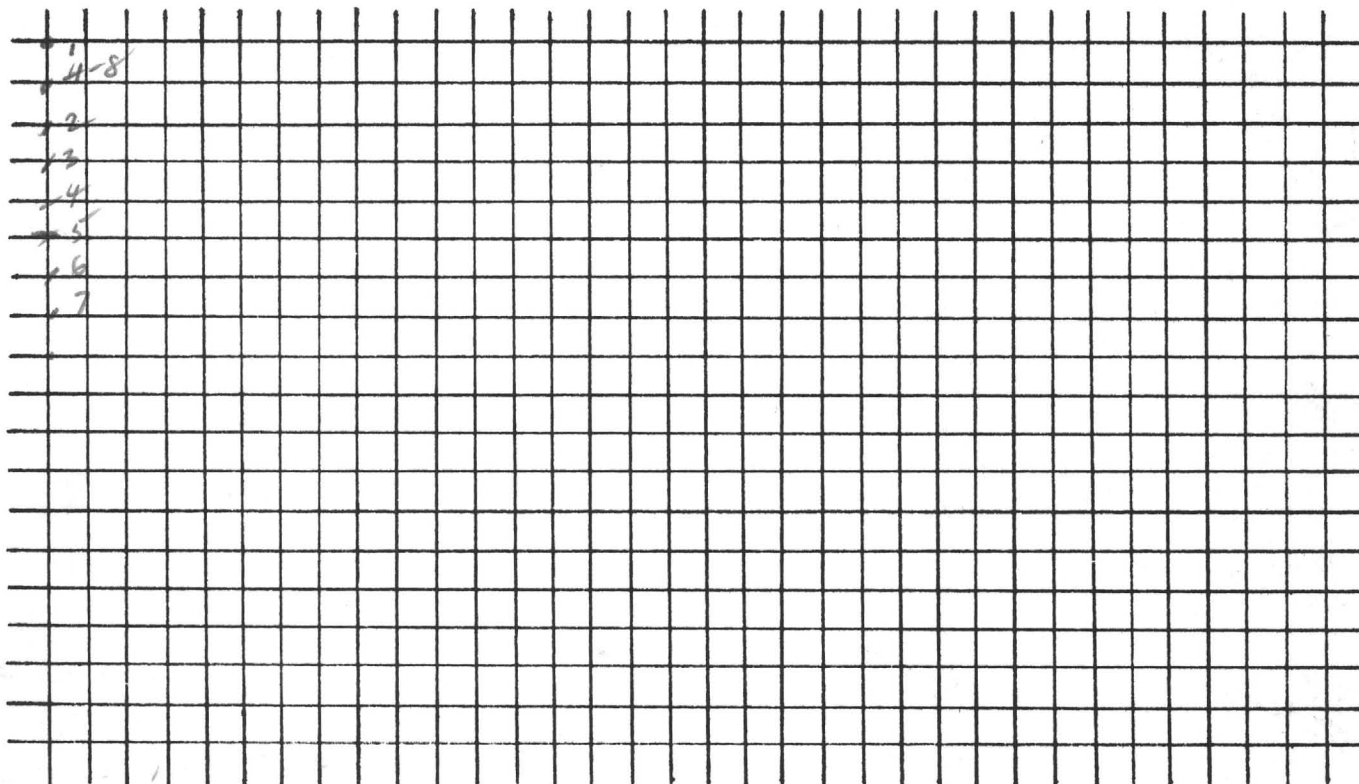
A NE CORNER
IV-5
ALSO LINE 1 STA 1

$$B.A = -43.07$$

$$F_A = -14.67$$

~~$BA = -43.61$~~

	Reading	Time	Quality	Observer	Temp.
1	<div>3</div> <div>1</div> <div>1</div> <div>5</div>	<div>2</div> <div>4</div> <div>8</div>	<div>9</div> <div>4</div> <div>9</div> ⁵	<div>6</div>	<div>719</div>
2	<div>3</div> <div>1</div> <div>1</div> <div>5</div>	<div>2</div> <div>5</div> <div>2</div>	<div>9</div> <div>5</div> <div>0</div>	<div>6</div>	<div>719</div>
3	<div>3</div> <div>1</div> <div>1</div> <div>5</div>	<div>2</div> <div>4</div> <div>7</div>	<div>9</div> <div>5</div> <div>1</div>	<div>6</div>	<div>719</div>
<div>AVE</div> <div>4</div>	<div>3</div> <div>1</div> <div>1</div> <div>5</div>	<div>2</div> <div>4</div> <div>9</div>	<div></div> <div></div> <div></div> <div></div>	<div></div>	<div></div>



GRAVITY OBSERVATION FORM

MOVE 100 FT N 45° W

Sequence No.

LM4 - STA 2

Station Ident

AZ

State

LD

County

10

Month

19

Day

84

Year

N 33 38 11

Deg. Latitude

Minutes

Station Type

Bedrock

Map

Geology

PRIMARY

W 114 24 06

Deg. Longitude

Minutes

Meter Type or Number

Geology

SECONDARY

830

Elevation

6

Unit Control

FA = -14.60
BA = -43.26

Geology

TERTIARY

Geology

GRAVEL BENCH EVEN WITH ROAD

DIFF IN ELEV ⁻¹² ~~2~~ FT USE -8 FT

1

3116 236

Reading

1008

Time

G

MA

Quality

Observer

Temp.

2

230

Reading

1010

Time

Quality

Observer

Temp.

3

221

Reading

1011

Time

Quality

Observer

Temp.

4

223

Reading

1012

Time

Quality

Observer

Temp.

5

3116 225

Reading

1013

Time

Quality

Observer

Temp.

3116 223

N

4-2

100 FT

4-1

GRAVITY OBSERVATION FORM

MOVE 100 FT N45°W

Sequence No.

 -

Station Ident

State

County

Month

Day

Year

Deg. Latitude

Minutes

Station Type

Bedrock

Map

Geology

PRIMARY

Deg. Longitude

Minutes

Meter Type or Number

Geology

SECONDARY

Elevation

Unit Control

 $FA = -14.84$
 $BA = -43.56$

Geology

TERTIARY

ELEV DIFF -3 FT

SAND & GRAVEL

CENTER + DEEPEST PART OF ARROYO

1

Reading

Time

Quality

MA

Observer

Temp.

2

Reading

Time

Quality

Observer

Temp.

3

Reading

Time

Quality

Observer

Temp.

AVE

4

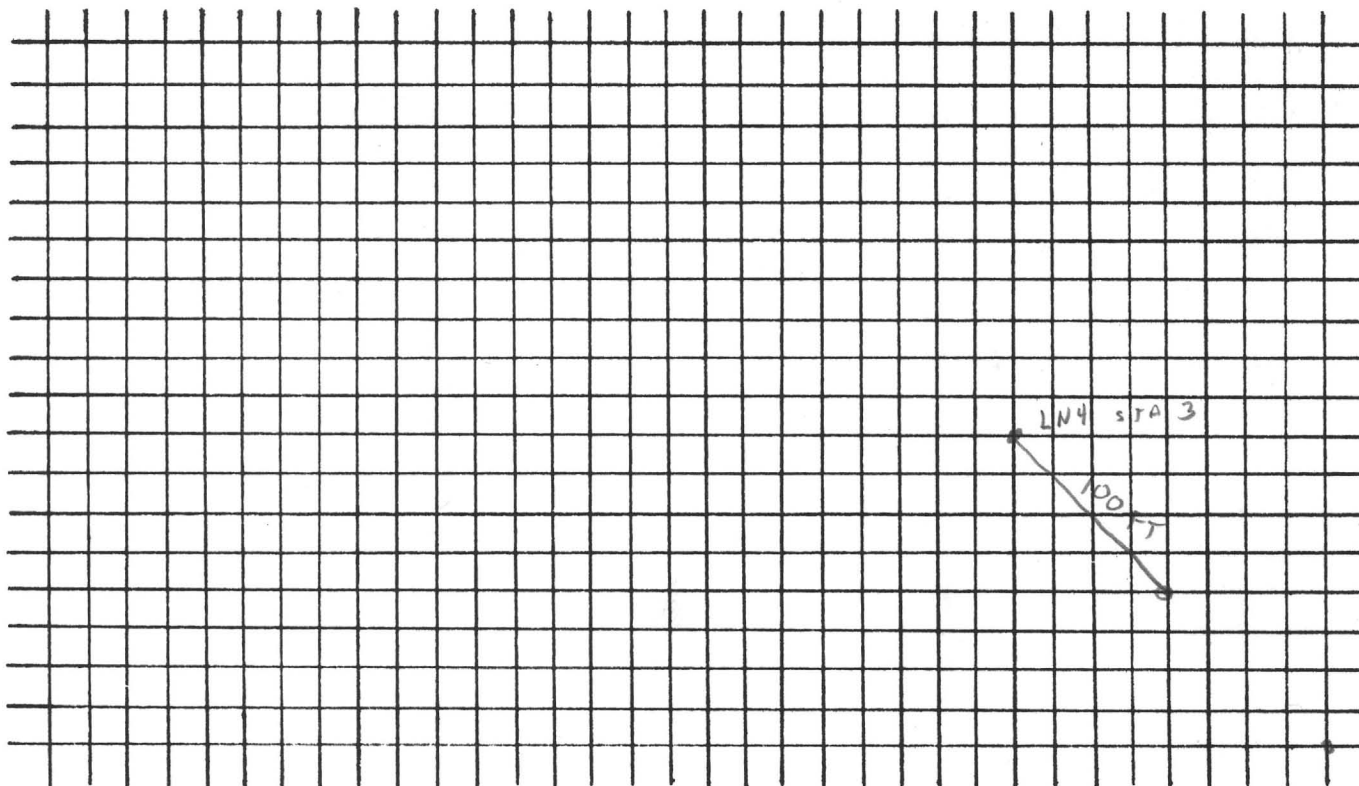
Reading

Time

Quality

Observer

Temp.



GRAVITY OBSERVATION FORM

MOVE 100 FT N 45° W

Sequence No.

 -

Station Ident

State

County

Month

Day

Year

 -

Deg. Latitude

Minutes

Station Type

Bedrock

Map

Geology

PRIMARY

Deg. Longitude

Minutes

Meter Type or Number

Elevation

Unit Control

Geology

SECONDARY

Geology

TERTIARY

$FA = -14.76$
 $BA = -43.39$
 GRAVEL + BOULDERS

 $B.A = -43.57$

ELEV DIFF +2

 1

Reading

Time

Quality

MA

Observer

Temp.

 2

Reading

Time

Quality

Observer

Temp.

 3

Reading

Time

Quality

Observer

Temp.

AVE

 4

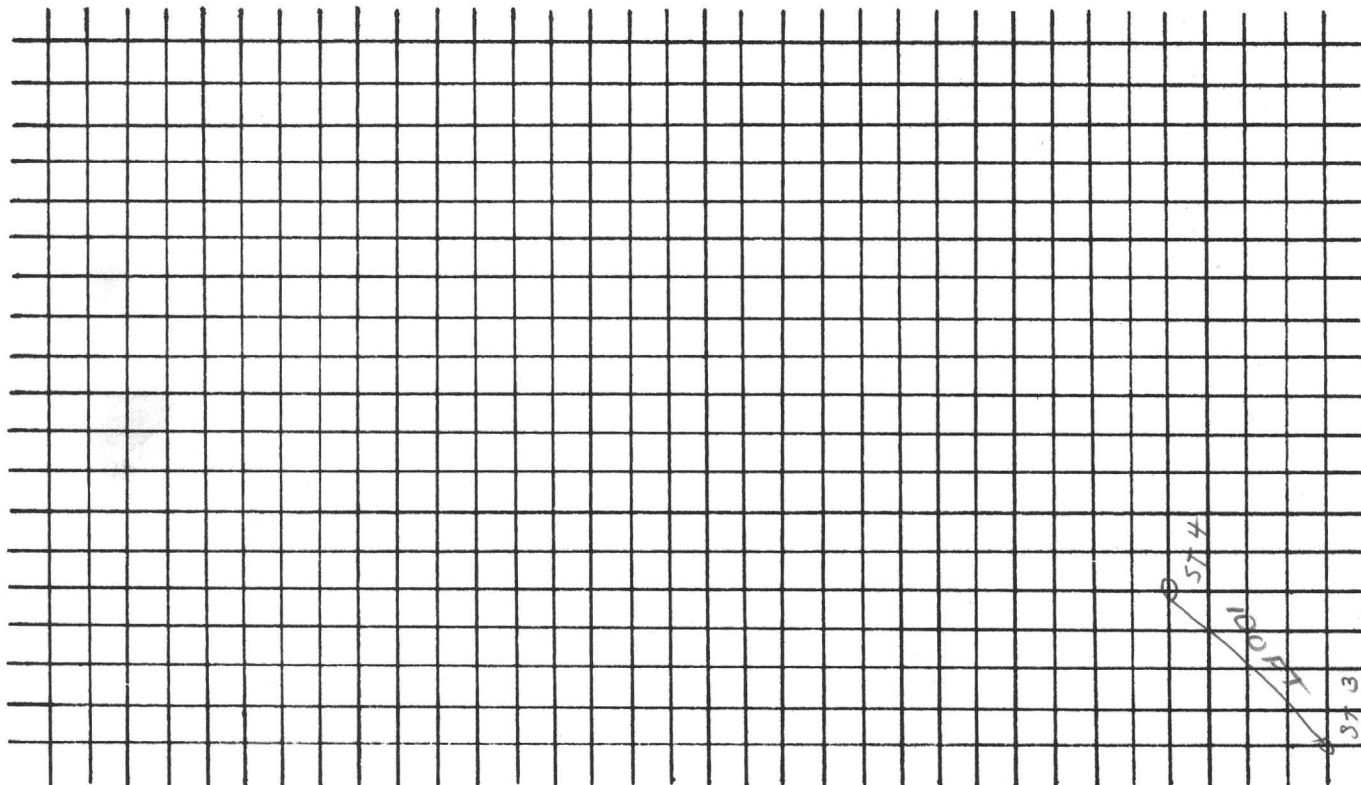
Reading

Time

Quality

Observer

Temp.



MOVE 100 FT N 45° W

$$B.A. = -43.84$$

NO ELEV D'IFF

[illegible]

GRAVITY OBSERVATION FORM

MOVE 100 FT N 45° W

Sequence No.

 -

Station Ident

State

County

Month

Day

Year

Deg. Latitude

Minutes

Station Type

Bedrock

Map

Geology

PRIMARY

Deg. Longitude

Minutes

Meter Type or Number

Elevation

Unit Control

 $FA = -14.75$
 $BA = -43.38$

Geology

SECONDARY

Geology

TERTIARY

820.5

B.A. = -43.39

SAND & GRAVEL

NO ELEV DIFF

Reading

Time

Quality

MA

Observer

Temp.

Reading

Time

Quality

Observer

Temp.

Reading

Time

Quality

Observer

Temp.

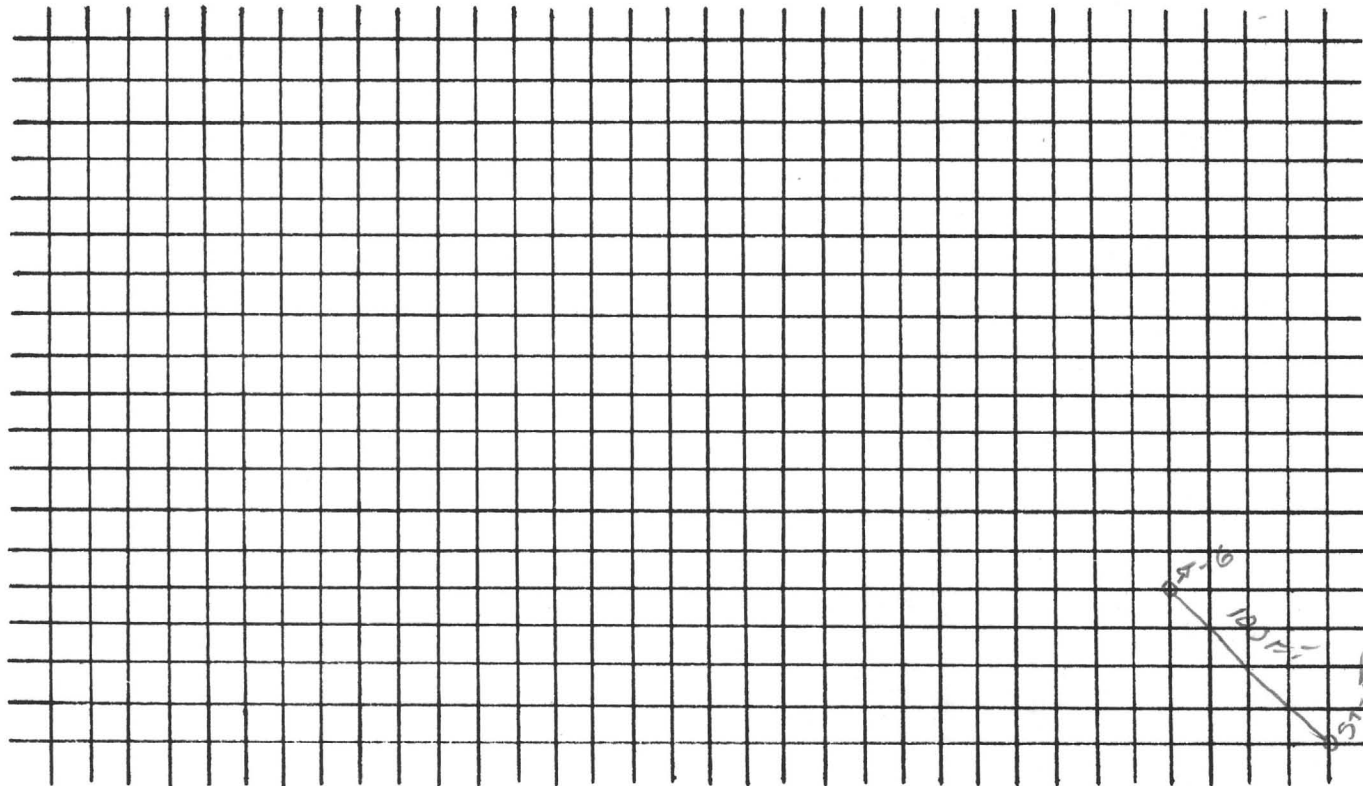
Reading

Time

Quality

Observer

Temp.



GRAVITY OBSERVATION FORM

Sequence No. 00028

MOVE 100FT N 45°W

FORCE 101100

ALSO LN 7- STA 2

Station Ident LM4-S702

State AZ

County LP

Month 10

Day 19

Year 84

Deg. Latitude N 33 38 17

Station Type ☐ ☐ ☐

Bedrock ☐

Map ☐

Geology ☐ ☐ ☐

PRIMARY

Deg. Longitude W 114 24 34

Meter Type or Number ☐ ☐ ☐

1ST

FA = -14.90
BA = -43.53

Geology ☐ ☐ ☐

SECONDARY

Elevation 819.6

☐

Unit Control ☐ ☐

Geology ☐ ☐ ☐

TERTIARY

-15.4'
44.11

B.A. = -43.14

ELEV DIFF + 2 FT

USE +1 FT

NEAR OUTCROP

PEBBLES OF GRAYGREENSCHIST

2ND
FA = -15.27
BA = -43.42

1 3116.995

1059

G

MA

Temp.

2 995

1100

G

Observer

Temp.

3 998

1100

G

Observer

Temp.

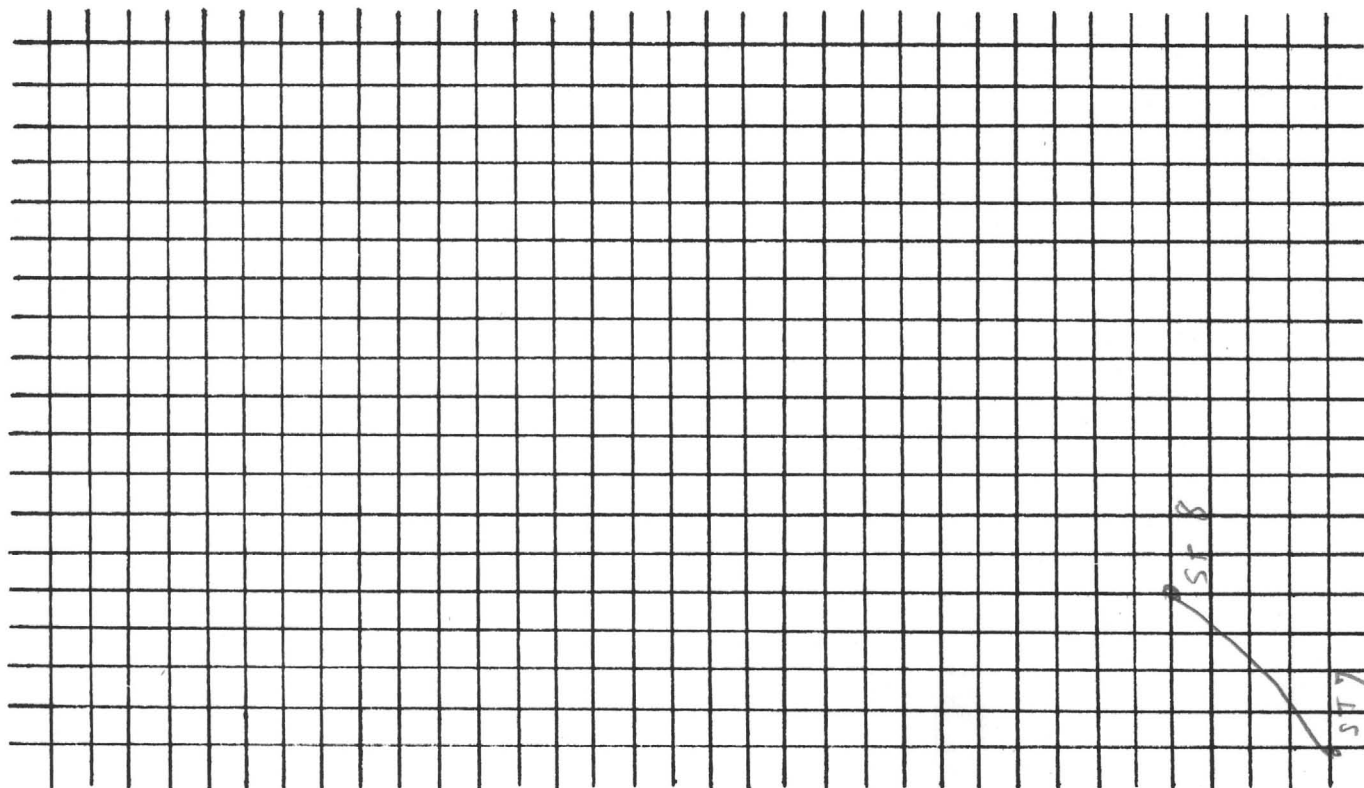
Ave 3116.996

1100

☐

Observer

Temp.



GRAVITY OBSERVATION FORM

MOVE 100 FT N 45° W

Sequence No.

 -

Station Ident

State

County

Month

Day

Year

Deg. Latitude

Minutes

Station Type

Bedrock

Map

Geology

PRIMARY

Deg. Longitude

Minutes

Meter Type or Number

Elevation

Unit Control

Geology

SECONDARY

Geology

TERTIARY

B.A. = -44.22

ELEV DIFF +1 FT

SUB OUTCROP

IN NORTHERN MOST PART OF ARROYO

LINE NOW PARALLELING OUTCROP

1

Reading

Time

Quality

Observer

Temp.

2

Reading

Time

Quality

Observer

Temp.

3

Reading

Time

Quality

Observer

Temp.

4

Reading

Time

Quality

Observer

Temp.

5

3117

189

Time

Quality

Observer

Temp.

GRAVITY OBSERVATION FORM

Sequence No. 00030

Station Ident 114-510

State AZ

County 1P

Month 10

Day 19

Year 84

Deg. Latitude N33 Minutes 39 Seconds 23

Station Type

Bedrock

Map

Geology

PRIMARY

Deg. Longitude W114 Minutes 25 Seconds 18

Meter Type or Number 6546

Geology

SECONDARY

Elevation 815.7

Unit Control

Geology

TERTIARY

Geology

$B.A = -44.37$

$FA = -14.85$
 $BA = -43.51$
GRAVEL & BOULDERS

NO ELEV DIFF

1 3117 246

Reading

1121

Time

Quality

MA

Observer

Temp.

2 260

Reading

Time

Quality

Observer

Temp.

3 274

Reading

1023

Time

Quality

Observer

Temp.

4 270

Reading

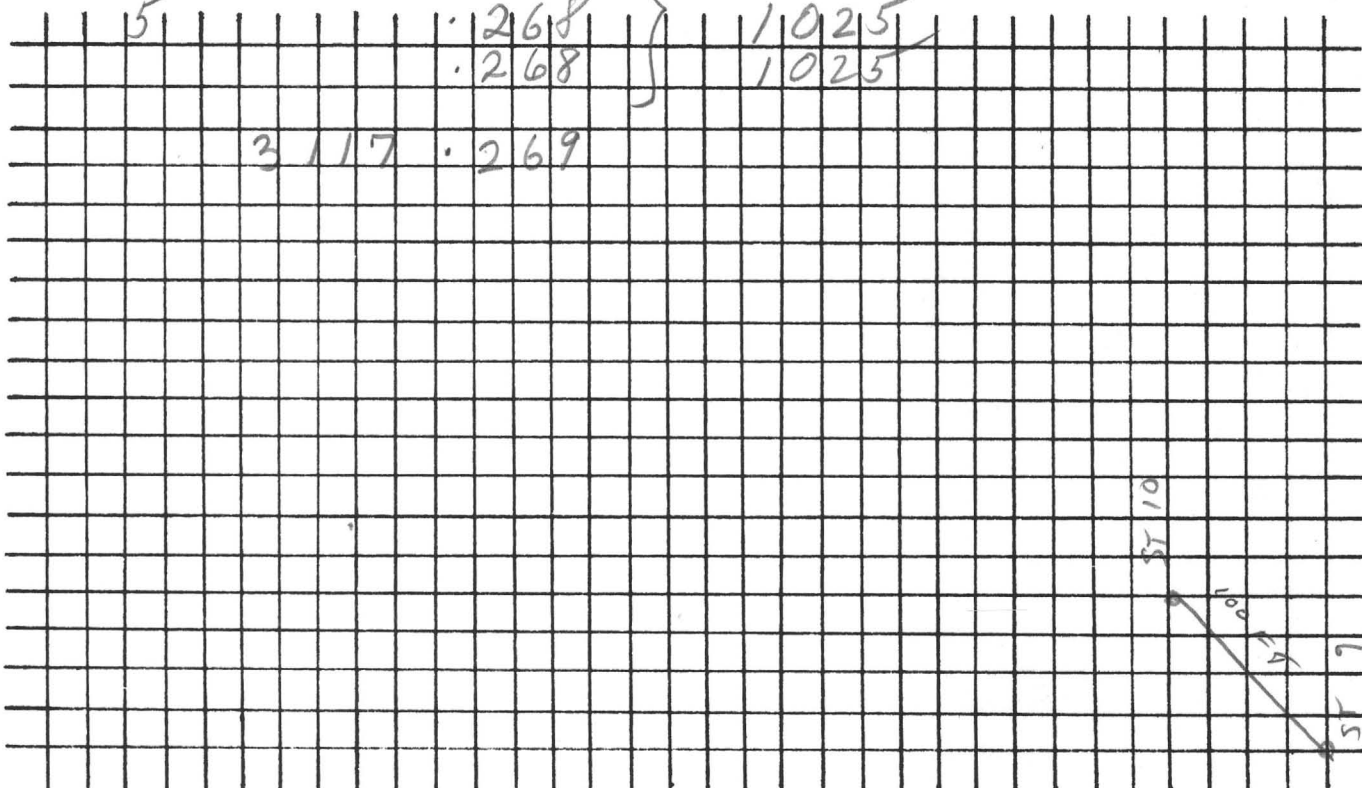
1024

Time

Quality

Observer

Temp.



GRAVITY OBSERVATION FORM

Sequence No. 00031

Station Ident 224-5711

State AZ

County LP

Month 10

Day 19

Year 84

Deg. Latitude N33 Minutes 39 ^{21"} 35

Station Type 0000

Bedrock 0

Map 0

Geology 000

PRIMARY

Deg. Longitude W114 Minutes 25 ^{19"} 32

Meter Type or Number 0000

Elevation 830

Unit Control 00

Geology 000

SECONDARY

Geology 000

TERTIARY

Geology 000

815

B.A. = -44.6

ELEV DIFF - 1/2 FT

IN ISOLATED SMALL RIVULET
JUST ^{10 FT} S. OF 15 FT GRAVEL BANK

1 3117 189
Reading

1131
Time

Quality 0

Observer MA

Temp.

2 0000 240 - NG
Reading

1133
Time

Quality 0

Observer

Temp.

3 3117 236
Reading

0000
Time

Quality 0

Observer

Temp.

4 0000 240
Reading

1135
Time

Quality 0

Observer

Temp.

5 3117 240

3117 239

GRAVITY OBSERVATION FORM

MOVE 100' N 45°W

UP GRAVEL BANK

Sequence No.

Station Ident

State

County

Month

Day

Year

Deg. Latitude Minutes

Station Type

Bedrock Map

Geology PRIMARY

Deg. Longitude Minutes

Meter Type or Number

Geology SECONDARY

Elevation

Unit Control

Geology TERTIARY

830.7

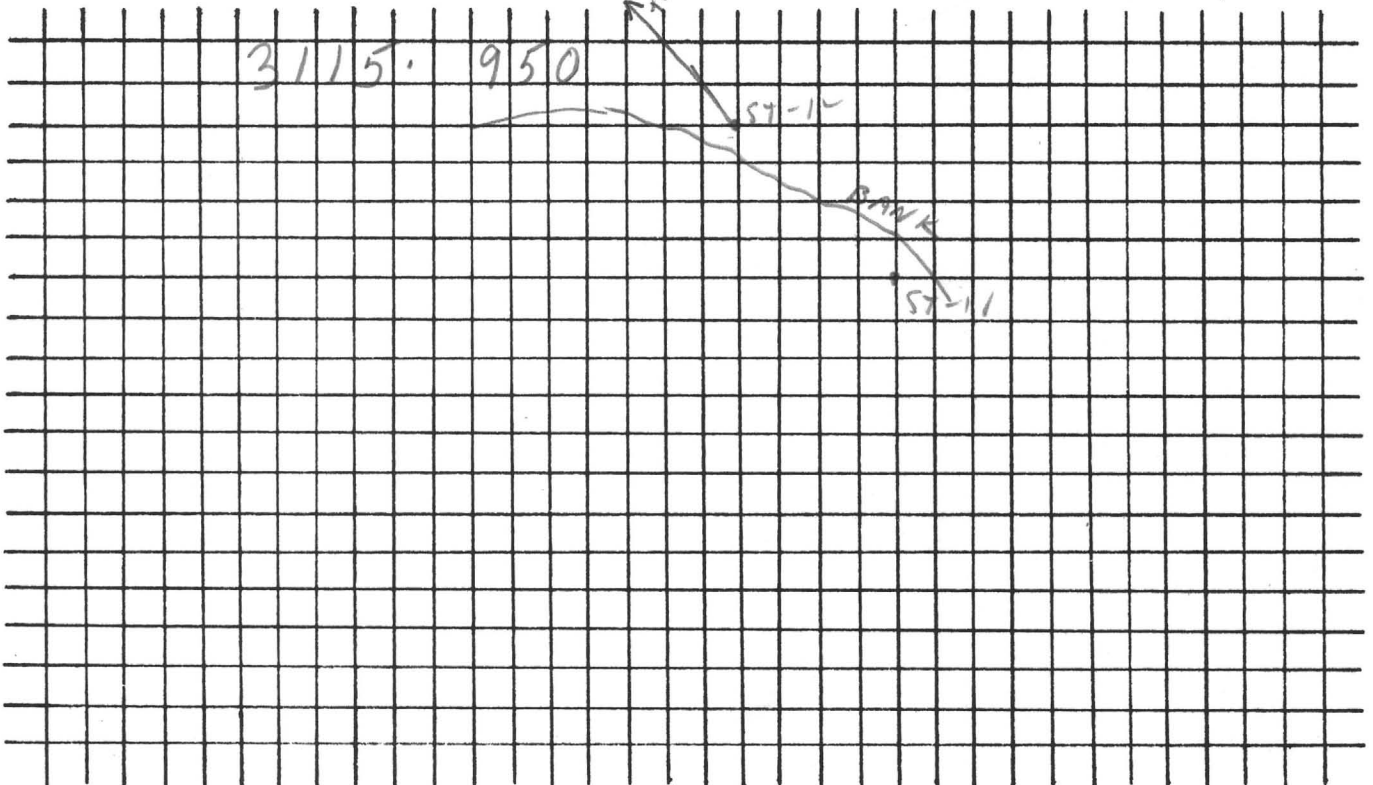
FA = -14.63
BA = -43.99

B.A. = -45.15

ELEV DIFF +20 FT

ON GRAVEL + GRASSY OUTCROP

	Reading	Time	Quality	Observer	Temp.
1	3115.960	1156		MA	
2	948	1158			
3	951	1159			
4	951	1200			



GRAVITY OBSERVATION FORM

MOVE 200 FT SOUTH

Sequence No.

 -

Station Ident

State

County

Month

Day

Year

Deg. Latitude

Minutes

Station Type

Bedrock

Map

Geology

PRIMARY

Deg. Longitude

Minutes

Meter Type or Number

Geology

SECONDARY

Elevation

Unit Control

Geology

TERTIARY

812.2

NO ELEV DIFF

SAND + GRAVEL

FA = -14.63

BA = -43.22

B.A. = -44.17

1

Reading

Time

Quality

MA

Observer

Temp.

2

Reading

Time

Quality

Observer

Temp.

3

Reading

Time

Quality

Observer

Temp.

4

Reading

Time

Quality

Observer

Temp.

Ave 3116 . 783

GRAVITY OBSERVATION FORM

MOVE 200 FT SOUTH

[illegible]
$$B.A = -43.97$$

ELEV DIFF - 1FT

CENTER OF MAIN PART OF ARBYO

	Reading	Time	Quality	Observer	Temp.
1	<input type="text"/> <input type="text"/> 3 <input type="text"/> 1 <input type="text"/> 1 <input type="text"/> 6 <input type="text"/> 7 <input type="text"/> 3 <input type="text"/> 0	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 5 <input type="text"/> 7	<input type="text"/>	MA	
2	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 7 <input type="text"/> 2 <input type="text"/> 6	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 5 <input type="text"/> 9	<input type="text"/>		
3	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 7 <input type="text"/> 2 <input type="text"/> 5	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 5 <input type="text"/> 9	<input type="text"/>		
Ave	<input type="text"/> <input type="text"/> 3 <input type="text"/> 1 <input type="text"/> 1 <input type="text"/> 6 <input type="text"/> 7 <input type="text"/> 2 <input type="text"/> 7	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>		

GRAVITY OBSERVATION FORM

MOVE 200 FT SOUTH

Sequence No. 00038

AT 28.6
3
GOING SOUTH

AT 858 FT CROSSED SECTION LINE

Station Ident 4N5-5706

State AZ

County LP

Month 10

Day 19

Year 84

Deg. Latitude

Minutes 55"

Station Type

Bedrock

Map

Geology

Geology

PRIMARY

SECONDARY

TERTIARY

Deg. Longitude N 33 37.92

Minutes 36"

Station Type

Bedrock

Map

Geology

SECONDARY

Geology

TERTIARY

Deg. Longitude W 114 25.60

Minutes

Meter Type or Number

Geology

TERTIARY

Elevation 809

Unit Control

SAND + GRAVEL

FA = -13.99

BA = -42.55

BA = -43.63

MOVED 200 FT SOUTH

NO ELEV DIFF

1 3116.592

Reading

1311

Time

Quality

MA

Observer

Temp.

2 3116.587

Reading

1312

Time

Quality

Observer

Temp.

3 3116.580

Reading

1313

Time

Quality

Observer

Temp.

4 3116.589

Reading

1316

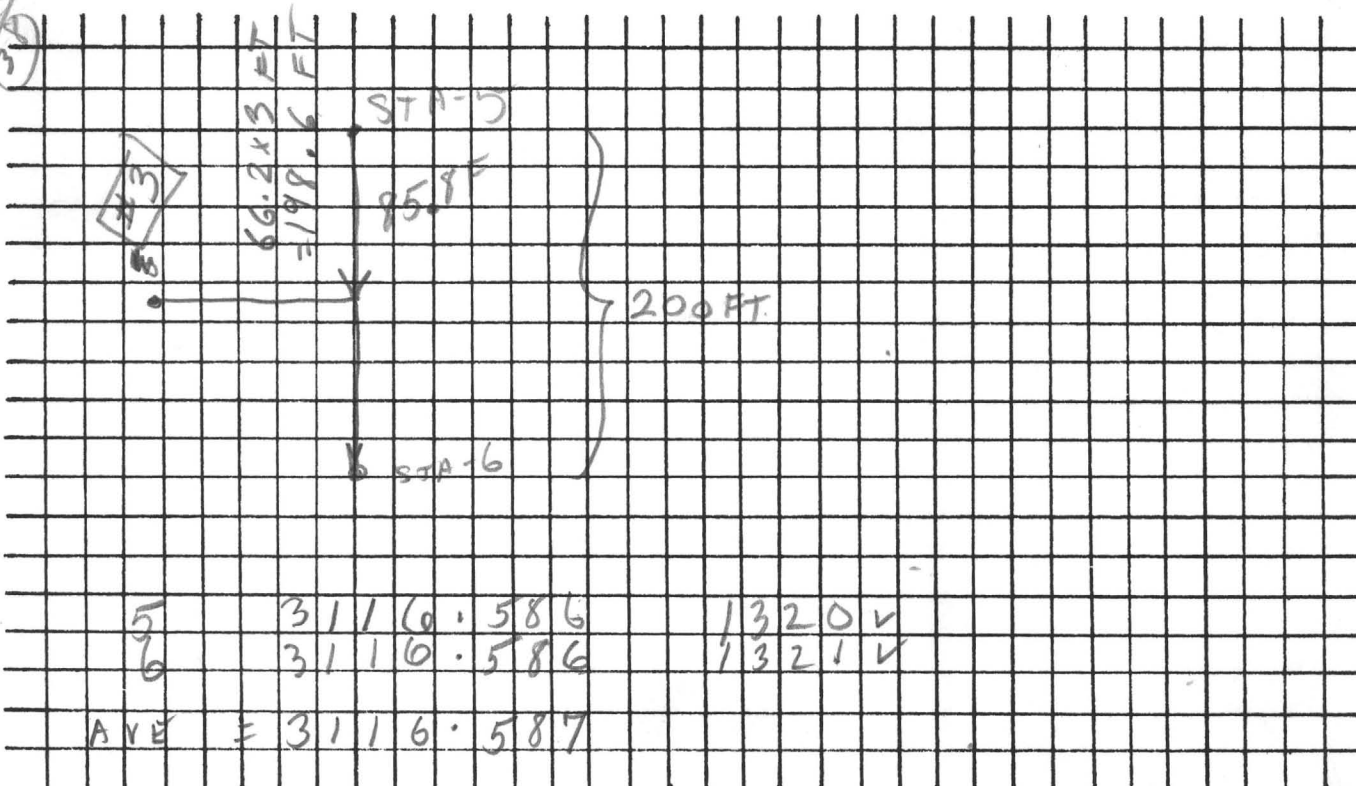
Time

Quality

Observer

Temp.

66.6
-28.6
38



MOVE 200 FT SOUTH

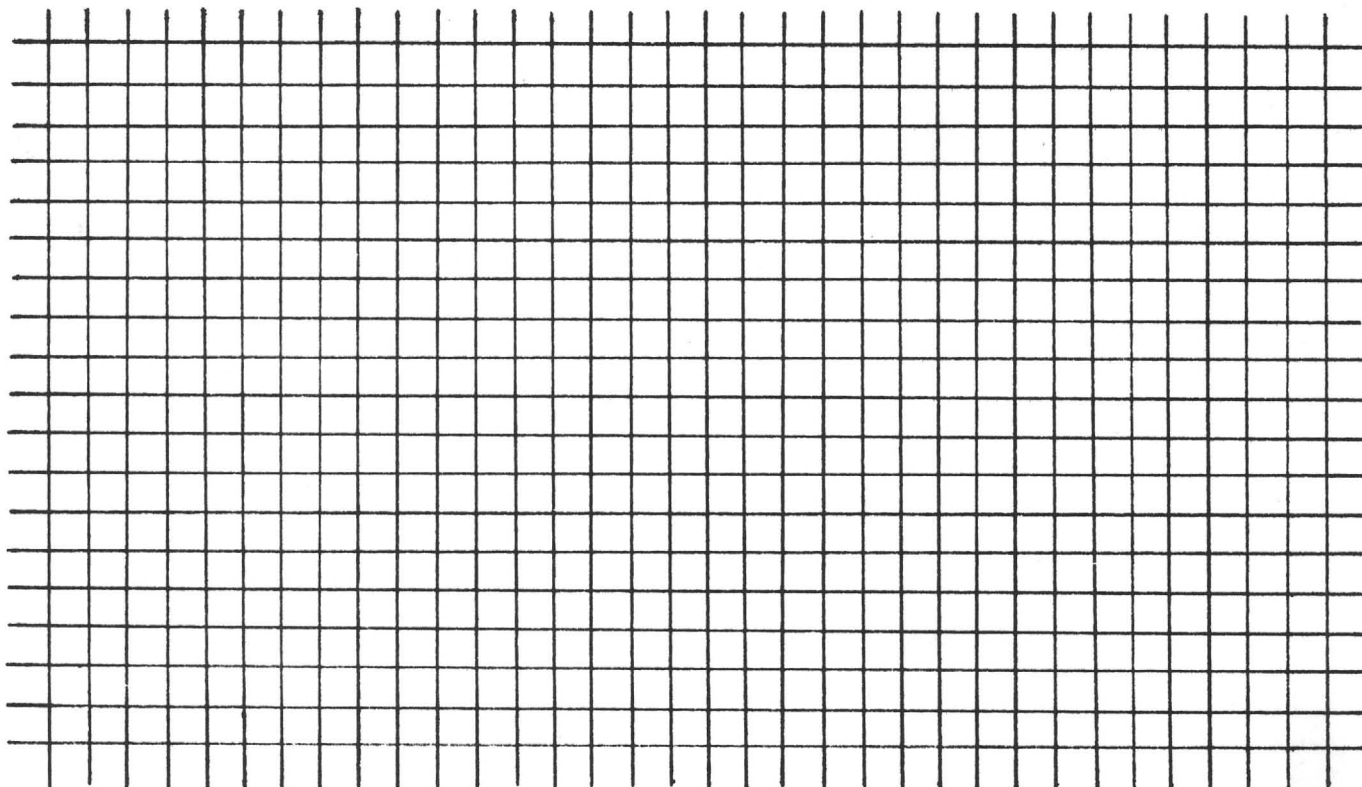
$$B.A. = -43.57$$

NO ELEV DIFF

SOUTH EDGE OF ARROYO

10 FT FROM GRAVEL BANK 12 FT HIGH

	Reading	Time	Quality	Observer	Temp.
1	<input type="text"/> <input type="text"/> 3 <input type="text"/> 1 <input type="text"/> 6 <input type="text"/> , <input type="text"/> <input type="text"/> 3 <input type="text"/> 3 <input type="text"/> 6	<input type="text"/> 1 <input type="text"/> 3 <input type="text"/> 2 <input type="text"/> 7	<input type="text"/>	MA	
2	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> , <input type="text"/> 3 <input type="text"/> 3 <input type="text"/> 6	<input type="text"/> 1 <input type="text"/> 3 <input type="text"/> 2 <input type="text"/> 8 ✓	<input type="text"/>		
3	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> , <input type="text"/> 3 <input type="text"/> 3 <input type="text"/> 3	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 2 <input type="text"/> 9	<input type="text"/>		
AVE	<input type="text"/> <input type="text"/> 3 <input type="text"/> 1 <input type="text"/> 1 <input type="text"/> 6 <input type="text"/> , <input type="text"/> 3 <input type="text"/> 3 <input type="text"/> 5	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>		
4	Reading	Time	Quality	Observer	Temp.



GRAVITY OBSERVATION FORM

☐☐☐☒ - A MOVE 200 FT SOUTH

Sequence No.

L N 5 - J T P ENDOFLINE⁵ EAT LUNCH

Station Ident State County Month Day Year

N 33 37.26 Station Type Bedrock Map Geology PRIMARY

Deg. Latitude Minutes

W 114 25.60 Meter Type or Number Geology SECONDARY

Deg. Longitude Minutes

Elevation Unit Control Geology TERTIARY

834.2

ELEV DIFF +28 FT















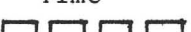

WEATHERED BUTCROP TERRACE

$$B.A. = -43.75$$

	Reading	Time	Quality	Observer	Temp.
1	<input type="text" value="3"/> <input type="text" value="1"/> <input type="text" value="1"/> <input type="text" value="4"/> . <input type="text" value="1"/> <input type="text" value="1"/> <input type="text" value="2"/>	<input type="text" value="1"/> <input type="text" value="3"/> <input type="text" value="4"/> <input type="text" value="0"/>	<input type="text" value="MA"/>		
2	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> . <input type="text" value="1"/> <input type="text" value="1"/> <input type="text" value="2"/>	<input type="text" value="1"/> <input type="text" value="3"/> <input type="text" value="4"/> <input type="text" value="0"/>	<input type="text"/>		
3	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> , <input type="text" value="1"/> <input type="text" value="1"/> <input type="text" value="4"/>	<input type="text" value="1"/> <input type="text" value="3"/> <input type="text" value="4"/> <input type="text" value="1"/>	<input type="text"/>		
4	<input type="text" value="3"/> <input type="text" value="1"/> <input type="text" value="1"/> <input type="text" value="4"/> . <input type="text" value="1"/> <input type="text" value="1"/> <input type="text" value="3"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>		

WALKED ALONG LINE^Y TO HERE AFTER LUNCH

NO READINGS

1					<hr/>	<hr/>
	Reading		Time	Quality	Observer	Temp.
2					<hr/>	<hr/>
	Reading		Time	Quality	Observer	Temp.
3					<hr/>	<hr/>
	Reading		Time	Quality	Observer	Temp.
4					<hr/>	<hr/>
	Reading		Time	Quality	Observer	Temp.

[illegible]

GRAVITY OBSERVATION FORM

Sequence No.

Station Ident

State

County

Month

Day

Year

Deg. Latitude

Minutes ^{21"}

Station Type

Bedrock

Map

Geology

PRIMARY

Deg. Longitude

Minutes ^{53"}

Meter Type or Number

Geology

SECONDARY

Elevation

Unit Control

Geology

TERTIARY

B.A. = -44.67

-15' ? ELEV DIFF TO ARROYO OR -28 FT

FA = -14.99
BA = -43.55

1

Reading

Time

Quality

R.L.

Observer

Temp.

2

Reading

Time

Quality

R.L.

Observer

Temp.

3

Reading

Time

Quality

R.L.

Observer

Temp.

4

Reading

Time

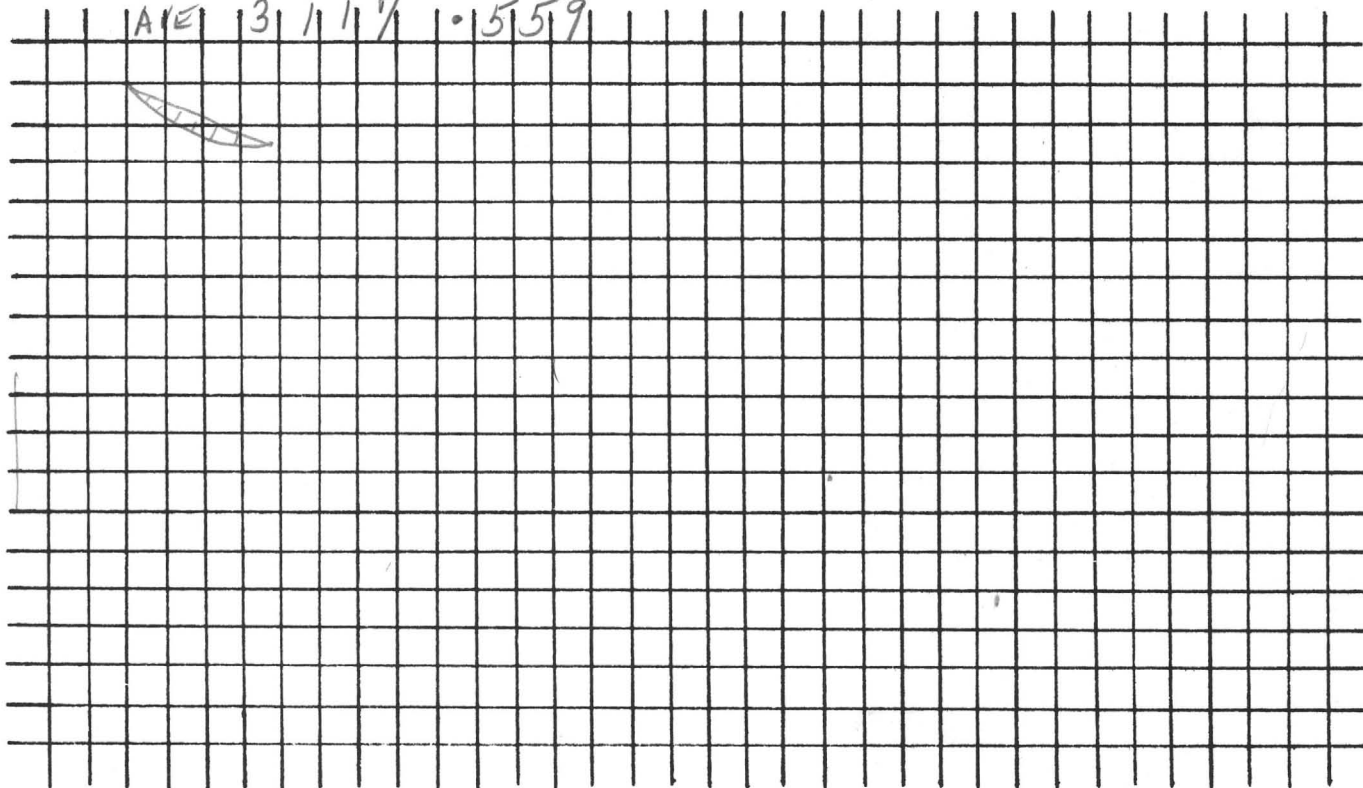
Quality

R.L.

Observer

Temp.

AVE 3117 . 559



GRAVITY OBSERVATION FORM

MOVE 200 FT S 45° W

Sequence No.

 -

Station Ident

State

County

Month

Day

Year

Deg. Latitude

Minutes

Station Type

Bedrock

Map

Geology

PRIMARY

Deg. Longitude

Minutes

Meter Type or Number

Elevation

802.2

Unit Control

Geology

SECONDARY

Geology

TERTIARY

B.A. = -43.60

NO ELEV DIFF

Reading

Time

Quality

R.L.

Observer

Temp.

Reading

Time

Quality

R.L.

Observer

Temp.

Reading

Time

Quality

R.L.

Observer

Temp.

Reading

Time

Quality

Observer

Temp.

Bedrock Outcrop About 50' NW 45°

GRAVITY OBSERVATION FORM

MOVE 200 FT S 45° W

Sequence No.

226 - 575

Station Ident

AZ

State

LR

County

10

Month

19

Day

27

Year

N 33 38.64

Deg. Latitude

Minutes

Station Type

Bedrock

Map

Geology

PRIMARY

W 114 26.72

Deg. Longitude

Minutes

Meter Type or Number

Geology

SECONDARY

827

Elevation

799.7

Unit Control

FA = -13.13
BA = -41.69

Geology

TERTIARY

BA = -43.33

SAND + GRAVEL

NO ELEV DIFF

OUTCROP 50 FT SOUTH OF HERE

1 3118.406

Reading

1616

Time

Quality

MA

Observer

Temp.

2 405

Reading

1618

Time

Quality

MA

Observer

Temp.

3 407

Reading

1619

Time

Quality

MA

Observer

Temp.

AVE

3118.406

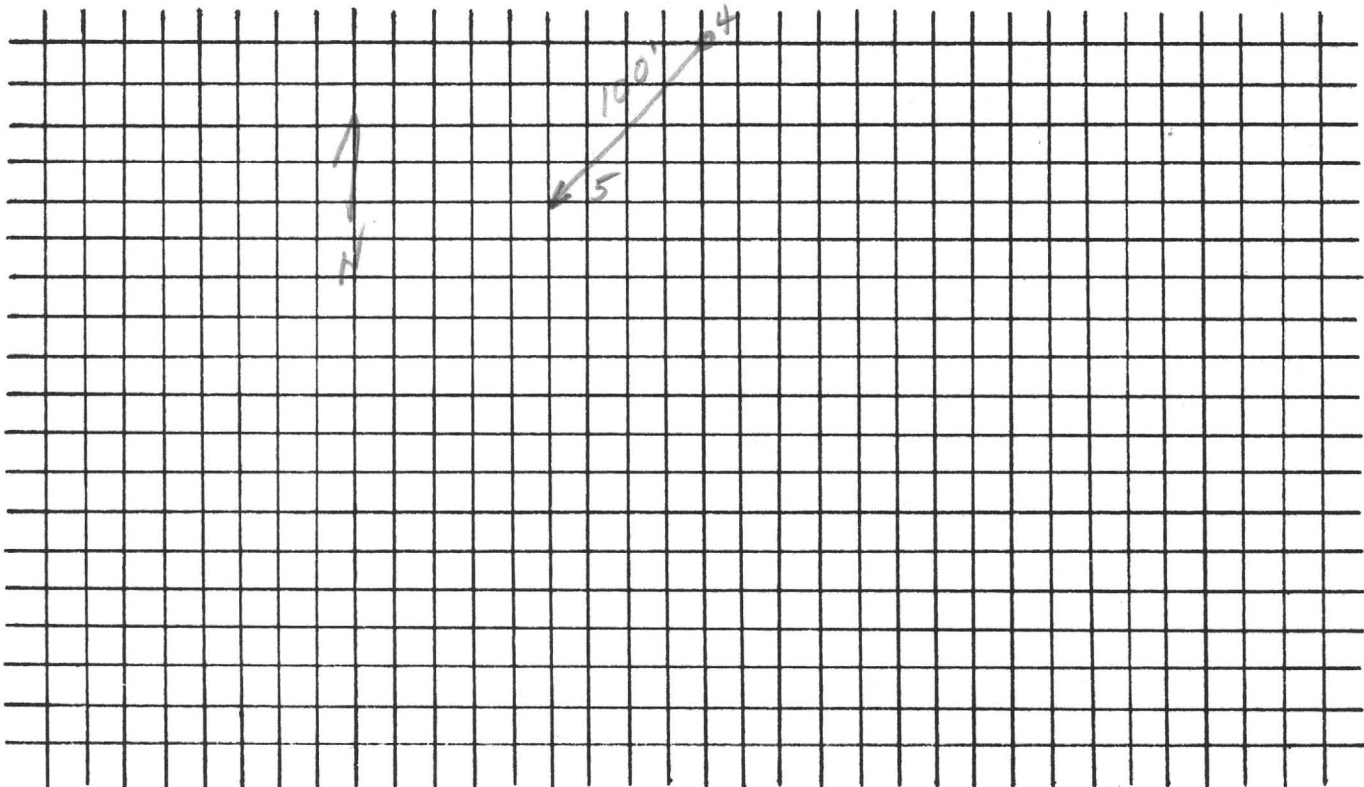
Reading

Time

Quality

Observer

Temp.



GRAVITY OBSERVATION FORM

MOVE 200 FT S 45° W
THEN 41.9 X 3 TO SEC LINE
126 FT

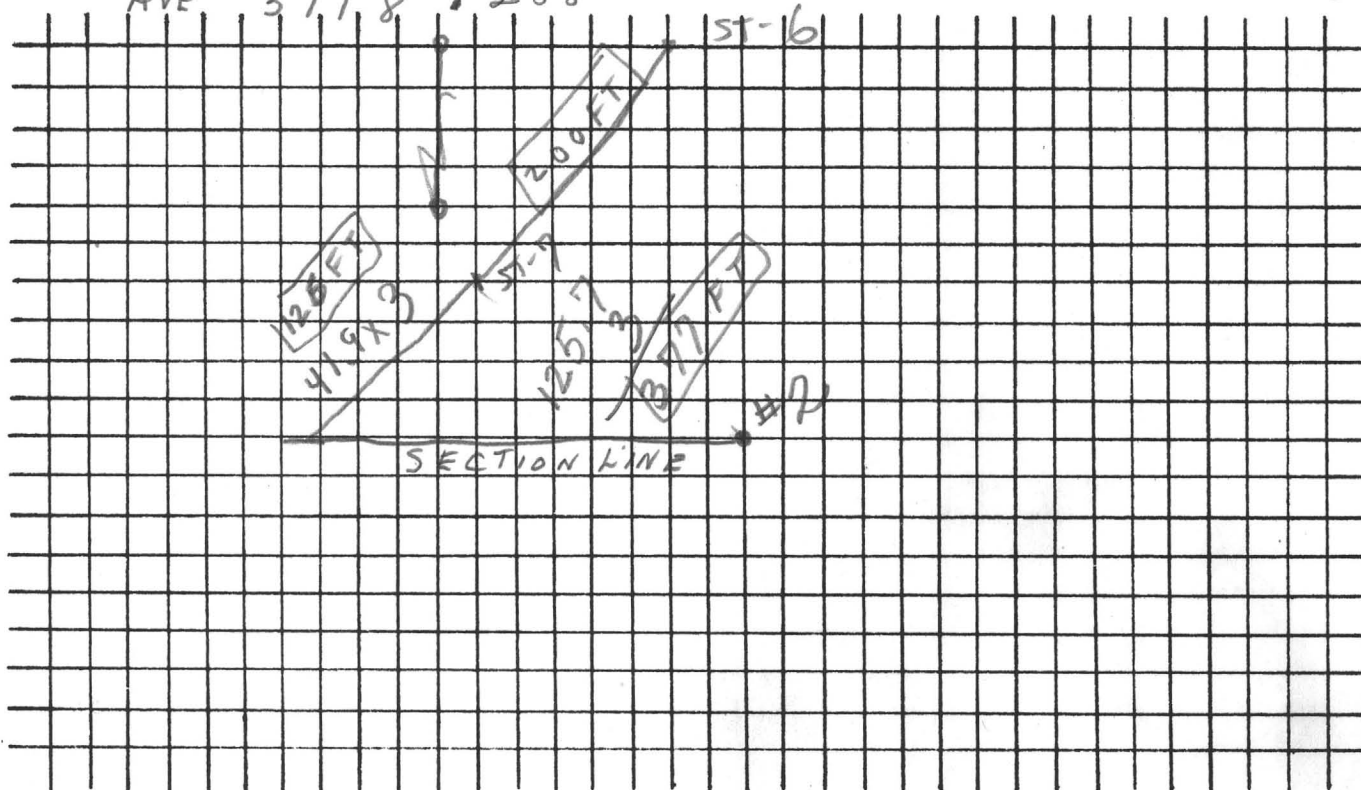
THEN 117.1 X 3 TO EAST P-115
125.7
3 381

#2

$$B.A = -43.02$$

NO DIFFERENCE IN ELEV

	Reading	Time	Quality	Observer	Temp.
1	<input type="text"/> <input type="text"/> 3 <input type="text"/> 1 <input type="text"/> 1 <input type="text"/> 8 . <input type="text"/> <input type="text"/> 2 <input type="text"/> 8 <input type="text"/> 0	<input type="text"/> <input type="text"/> 1 <input type="text"/> 4 <input type="text"/> 4 <input type="text"/> 4	<input type="text"/>	MA	
2	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> 2 <input type="text"/> 8 <input type="text"/> 8	<input type="text"/> <input type="text"/> 1 <input type="text"/> 4 <input type="text"/> 4 <input type="text"/> 5	<input type="text"/>		
3	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> 2 <input type="text"/> 8 <input type="text"/> 7	<input type="text"/> <input type="text"/> 1 <input type="text"/> 4 <input type="text"/> 4 <input type="text"/> 6	<input type="text"/>		
4	<input type="text"/> <input type="text"/> 3 <input type="text"/> 1 <input type="text"/> 1 <input type="text"/> 8 . <input type="text"/> <input type="text"/> 2 <input type="text"/> 8 <input type="text"/> 9	<input type="text"/> <input type="text"/> 1 <input type="text"/> 6 <input type="text"/> 4 <input type="text"/> 8	<input type="text"/>		



GRAVITY OBSERVATION FORM

MOVE 200 FT S 45° W

Sequence No. 47

Station Ident L N 6 - S T 40

State AZ

County LP

Month 10

Day 19

Year 84

Deg. Latitude N 33 37.94

Station Type F

Bedrock

Map

Geology

PRIMARY

Deg. Longitude W 114 27.55

Meter Type or Number

Geology

SECONDARY

Elevation 798.3

Unit Control

Geology

TERTIARY

B.A. = -42.78

About 4 feet higher

GRAVELS

1

Reading 3118

082

Time 1655

Quality

R.L.

Observer

Temp.

2

Reading 3118

078

Time 1658

Quality

R.L.

Observer

Temp.

3

Reading 3118

076

Time 1701

Quality

R.L.

Observer

Temp.

4

Reading 3118

086

Time 1700

Quality

Observer

Temp.

AVE

3118.069

1708

1709

1711

Array 1

Array 2

$i = 1;$

IF $\text{Array 1}[i] \geq \text{Array 2}[i]$ then $\text{Array_des} := \text{Array 1}[i]$...

IF $\text{Array 1}[i] < \text{Array 2}[i]$

GRAVITY OBSERVATION FORM

MOVE 200 FT S 45° W

Sequence No.

Station Ident

SW END OF LINE 6

State

County

Month

Day

Year

Deg. Latitude

Station Type

Bedrock

Map

Geology

PRIMARY

Deg. Longitude

Meter Type or Number

Geology

SECONDARY

Elevation

Unit Control

FA = -9.70
BA = -40.12

Geology

TERTIARY

BA = -41.55

826.1 ELEV DIFF +50

UP ONTO HILL

WEATHER OUTCROP SCHIST TERRACE

1

Quality

Observer

Temp.

2

Quality

Observer

Temp.

3

Quality

Observer

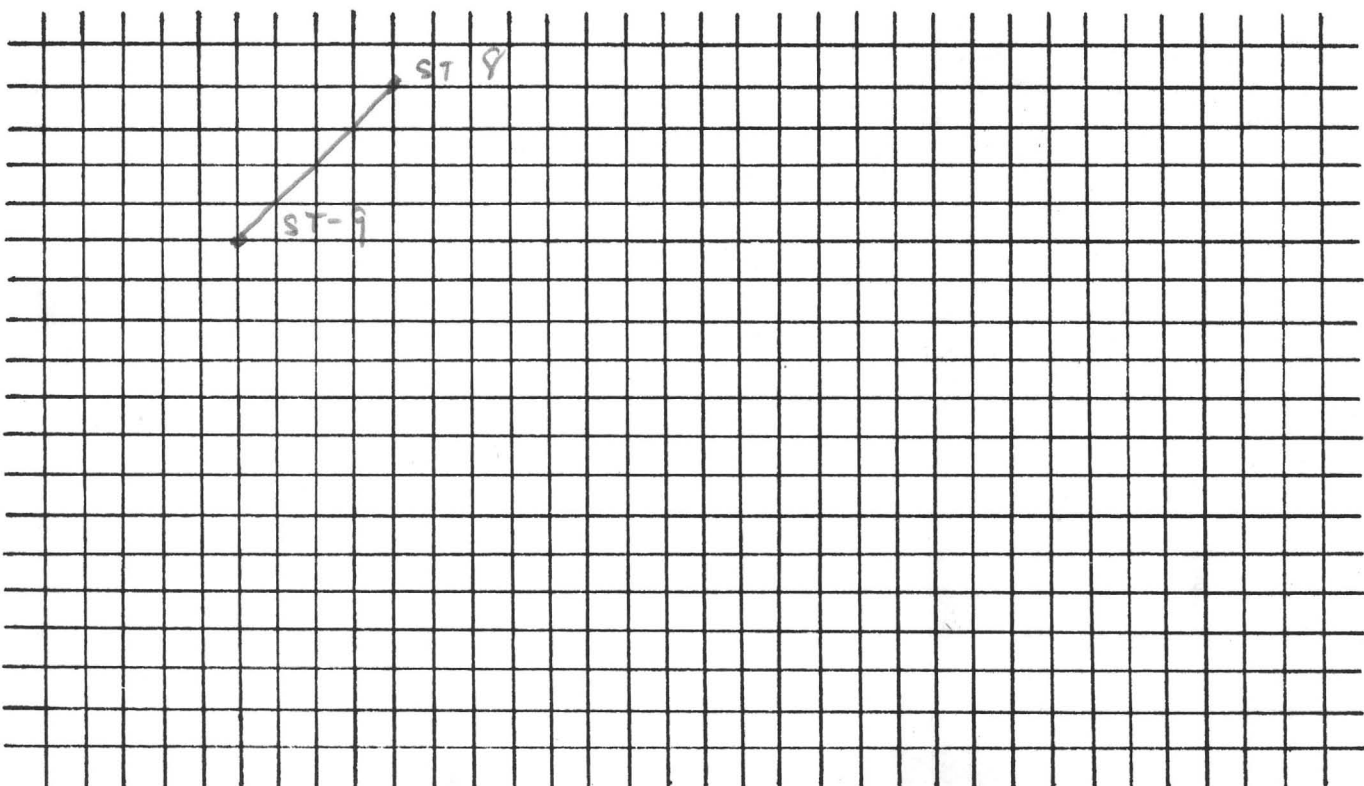
Temp.

Ave 4

Quality

Observer

Temp.



GRAVITY OBSERVATION FORM

Sequence No. 00058

MOVE 400 ²⁰⁰⁺²⁰⁰ FT SOUTH
NOTE LINE 7, STA-2 = LINE 4, STA-8

Station Ident 427-57-3

State AZ

County LP

Month 10

Day 20

Year 84

Deg. Latitude N 33 38 13"

Station Type

Bedrock

Map

Geology

PRIMARY

Deg. Longitude W 114 24 90

Meter Type or Number

Geology

SECONDARY

Elevation

Unit Control

Geology

TERTIARY

018

BA = -42.94

FA = -17.72
LA = -45.20
FA = -15.44
BA = -43.42
~~-15.39~~
~~-43.36~~
~~-15.39~~
~~-43.26~~
~~-15.44~~
~~-43.42~~

1 3116 . 537
Reading

1042
Time

Quality

Observer MA

Temp.

2 . 533
Reading

1043
Time

Quality

Observer

Temp.

3 . 532
Reading

1044
Time

Quality

Observer

Temp.

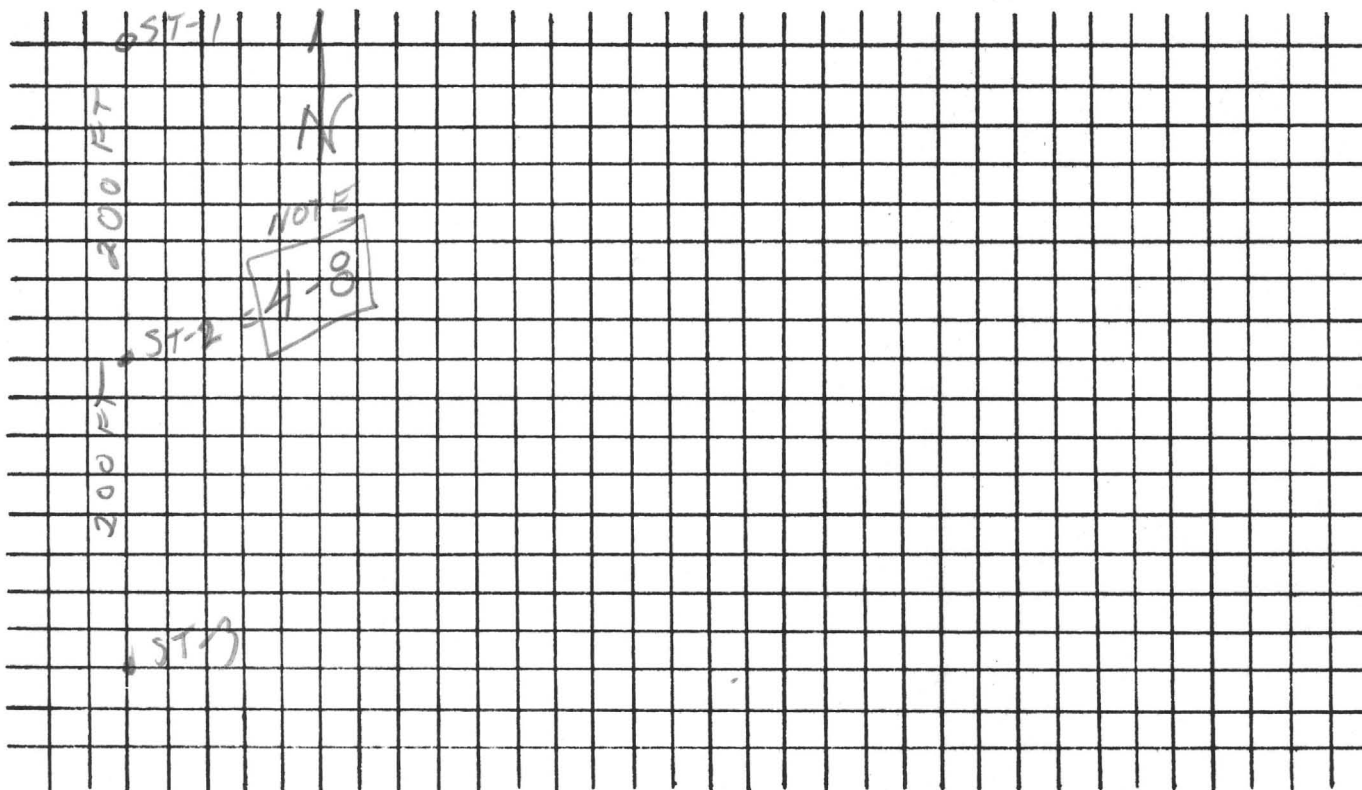
AVE 3116 . 534
Reading

1043
Time

Quality

Observer

Temp.



GRAVITY OBSERVATION FORM

MOVE 200 FT SOUTH

59
Sequence No.

4N7-S7-4
Station Ident

AZ LP 10 20 84
State County Month Day Year

N 33 38 11"
Deg. Latitude Minutes Station Type Bedrock Map Geology PRIMARY

W 114 24 90
Deg. Longitude Minutes Meter Type or Number Geology SECONDARY

816
Elevation Unit Control Geology TERTIARY

819.9 FA = - 18.01 15.73
BA = - 45.99 43.70

$$BA = -43.11$$

	Reading	Time	Quality	Observer	Temp.
1	<input type="text"/> <input type="text"/> 3 <input type="text"/> <input type="text"/> 6 <input type="text"/> <input type="text"/> 1 6 3	<input type="text"/> <input type="text"/> 0 <input type="text"/> <input type="text"/> 5 <input type="text"/> <input type="text"/> 1	<input type="text"/>	MA	
2	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 1 6 3	<input type="text"/> <input type="text"/> 0 <input type="text"/> <input type="text"/> 5 <input type="text"/> <input type="text"/> 3	<input type="text"/>		
3	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 1 6 2	<input type="text"/> <input type="text"/> 0 <input type="text"/> <input type="text"/> 5 <input type="text"/> <input type="text"/> 4	<input type="text"/>		
AVE	<input type="text"/> <input type="text"/> 3 <input type="text"/> <input type="text"/> 6 <input type="text"/> <input type="text"/> 1 6 2	<input type="text"/> <input type="text"/> 0 <input type="text"/> <input type="text"/> 5 <input type="text"/> <input type="text"/> 3	<input type="text"/>		

This image shows a full page of blank graph paper. The grid consists of small, equal-sized squares formed by thin black lines. There are approximately 20 columns and 20 rows of squares across the entire page. The margins are consistent on all sides, and there is no handwriting or printed text other than the grid itself.

GRAVITY OBSERVATION FORM

MOVE 200 FT SOUTH

THEN +6 FT TO SECTION

Sequence No.

 -

Station Ident

State

County

Month

Day

Year

 -

Deg. Latitude

Minutes

Station Type

Bedrock

Map

Geology

PRIMARY

Deg. Longitude

Minutes

Meter Type or Number

Geology

SECONDARY

Elevation

818.6

Unit Control

FA = - 15.58

BA = - 43.56

Geology

TERTIARY

BA = -43.04

1

Reading

Time

Quality

MA

Observer

Temp.

2

Reading

Time

Quality

Observer

Temp.

3

Reading

Time

Quality

Observer

Temp.

AVE

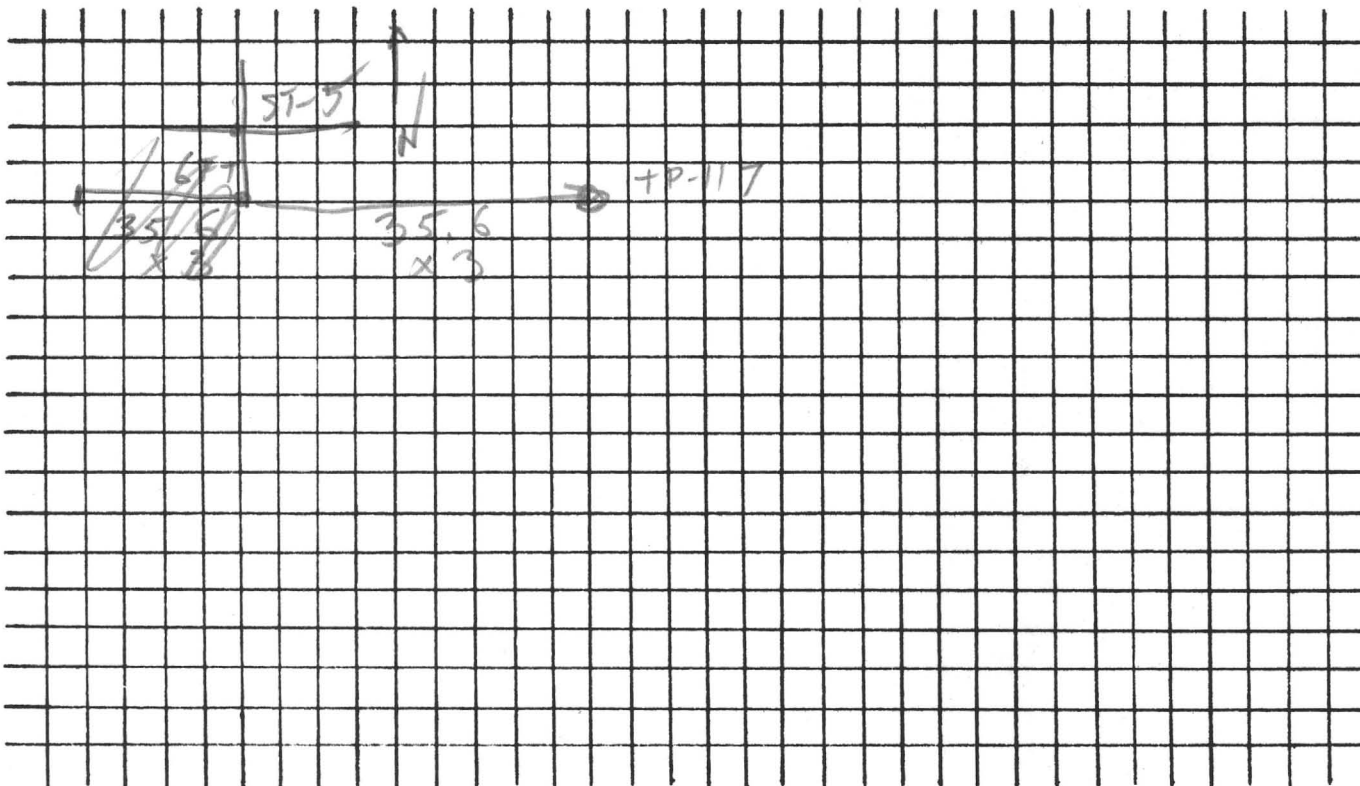
Reading

Time

Quality

Observer

Temp.



GRAVITY OBSERVATION FORM

Sequence No.

MOVE 200 FT SOUTH

Station Ident

State

County

Month

Day

Year

Deg. Latitude Minutes

Station Type

Bedrock

Map

Geology

PRIMARY

Deg. Longitude Minutes

Meter Type or Number

Geology

SECONDARY

Elevation

Unit Control

Geology

TERTIARY

FA = -15.28
BA = -43.36

BA = -43.13

1 Reading

Time

Quality

Observer

Temp.

2 Reading

Time

Quality

Observer

Temp.

3 Reading

Time

Quality

Observer

Temp.

4 Reading

Time

Quality

Observer

Temp.

AVE 3 1/6 . 148 1 1/4

GRAVITY OBSERVATION FORM

MOVE 200 FT SOUTH

Sequence No.

Station Ident - SOUTH END OF LINE

State County Month Day Year

Deg. Latitude Minutes Station Type Bedrock Map Geology PRIMARY

☒ W Deg. Longitude Minutes Meter Type or Number Geology SECONDARY

Elevation Unit Control Geology TERTIARY

ON 2 MT

$$BA = -43.33$$
~~$$FA = -13.62$$
$$BA = -42.80$$~~

ON ? MTL
TRY RBL'S LANDSLIDE

	Reading	Time	Quality	Observer	Temp.
1	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> , <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	<u>MA</u>	
2	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> , <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>		
3	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> , <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>		
4	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> , <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>		

[illegible]

GRAVITY OBSERVATION FORM

LOCATED 150 F SOUTH OF LN 7 STA 1
 NOTE LOCATED 50 FT NORTH OF { LN 7, STA 2 }
 { LN 4, STA 8 }

Sequence No.

Station Ident

State

County

Month

Day

Year

Deg. Latitude Minutes

Station Type

Bedrock ☒ ☐

Map ☐

Geology

PRIMARY

Deg. Longitude Minutes

Meter Type or Number

Geology

SECONDARY

Elevation

824.1

Unit Control

FA = -12.04
 BA = -40.71 - 10.65

Geology

TERTIARY

BA = -41.06

1

Reading

Time

Quality

R.L.

Observer

Temp.

2

Reading

Time

Quality

R.L.

Observer

Temp.

3

Reading

Time

Quality

R.L.

Observer

Temp.

AVE

Reading

Time

Quality

Observer

Temp.

Located 50' North of Station 2 (OR 4-8)

GRAVITY OBSERVATION FORM

START AT ^{SW} ~~SE~~ END

Sequence No. 66

4985 - MAG BASE

Station Ident LN8 - S700

State AZ

County LO

Month 10

Day 21

Year 84

Deg. Latitude N 33° 38' 20"

Station Type A

Bedrock ☒

Map ☐

Geology ☐

PRIMARY

Deg. Longitude W 114° 24' 30"

Meter Type or Number 0000

Geology ☐

SECONDARY

Elevation 780

Unit Control 000

Geology ☐

TERTIARY

GRAY GREEN SCHIST

FA = -16.02

BA = -42.96

1 3117 . 119

Reading

846

Time

Quality ☐

Observer MA

Temp.

2 0000 . 122

Reading

847

Time

Quality ☐

Observer

Temp.

3 0000 . 118

Reading

848

Time

Quality ☐

Observer

Temp.

Ave 3117 . 120

Reading

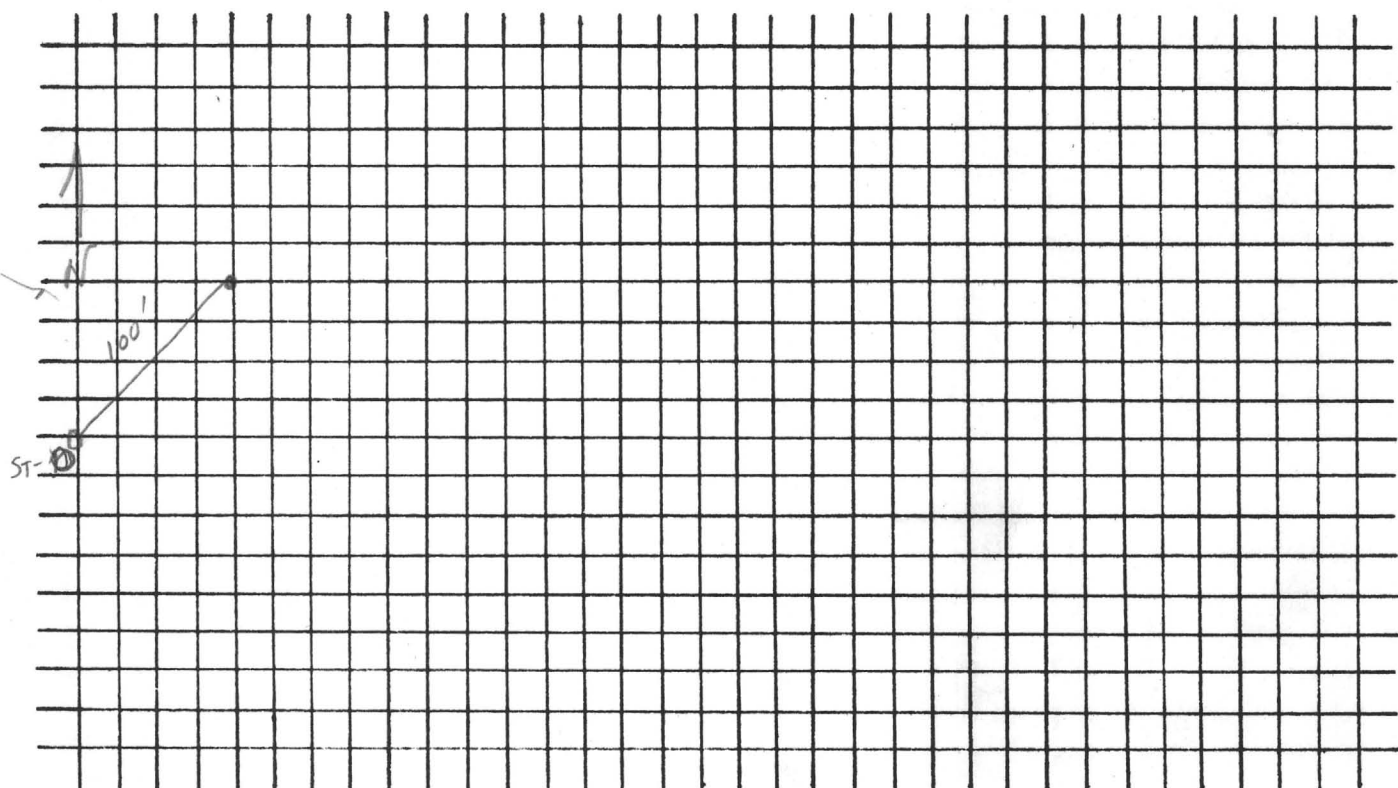
847

Time

Quality ☐

Observer

Temp.



(OVER)

LATITUDE CALCULATION

$$2.5 \text{ MIN} = 15.11 \text{ INCHES OLD VALUE}$$

$$2.5 \text{ MIN} = \boxed{15.13} \text{ INCHES NEW VALUE OCT 21}$$

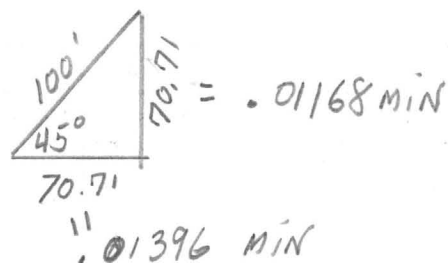
$$.8328 \text{ MIN} = 5.04 \text{ INCHES TO } 8^{\text{LN}} \text{ STAO}$$

$$\rightarrow 49' 58''$$

$$\begin{array}{r} N \quad 33^{\circ} 37' 30'' \\ + \quad \quad \quad 50'' \\ \hline 33^{\circ} 37' 80'' \end{array}$$

$$N. \text{ LAT.} = 33^{\circ} 38' 20''$$

$$\boxed{\begin{array}{l} 1000 \text{ FT} = .16523 \text{ MIN} \\ 100 \text{ FT} = .01652 \text{ MIN} \end{array}} \text{ MOVING N}$$



LONGITUDE CALCULATION

$$2.5 \text{ MIN} = 12.66 \text{ INCHES}$$

$$2.00039 \text{ MIN} = 10.13 \text{ INCHES}$$

$$\begin{array}{r} W \quad 114^{\circ} 22' 30'' \\ + \quad \quad \quad 2' 00'' \\ \hline \end{array}$$

$$W. \text{ LONG } 114^{\circ} 24' 30''$$

$$\boxed{\begin{array}{l} 1000 \text{ FT} = .197472' \\ 100 \text{ FT} = .01975' \end{array}} \text{ MOVING W}$$

GRAVITY OBSERVATION FORM

MOVED 100 FT ^{45°} NE

Sequence No. 00067

Station Ident 248-0001

State AZ

County GR

Month 10

Day 21

Year 84

Deg. Latitude N 33 38 21"

Station Type F

Bedrock

Map

Geology

PRIMARY

Deg. Longitude 00 00 00

Meter Type or Number

Geology

SECONDARY

Elevation 775

6

Unit Control

Geology

TERTIARY

ON DOZED + COBBLES
LOOSE GRAVEL ROAD
WITH DOZER TRACK UNIT

ELEV DIFF -4 FT

FA = -16.03
BA = -42.85

1 03117.481

0957

Quality Observer MA Temp.

2 00000.484

0958

Quality Observer Temp.

3 00000.483

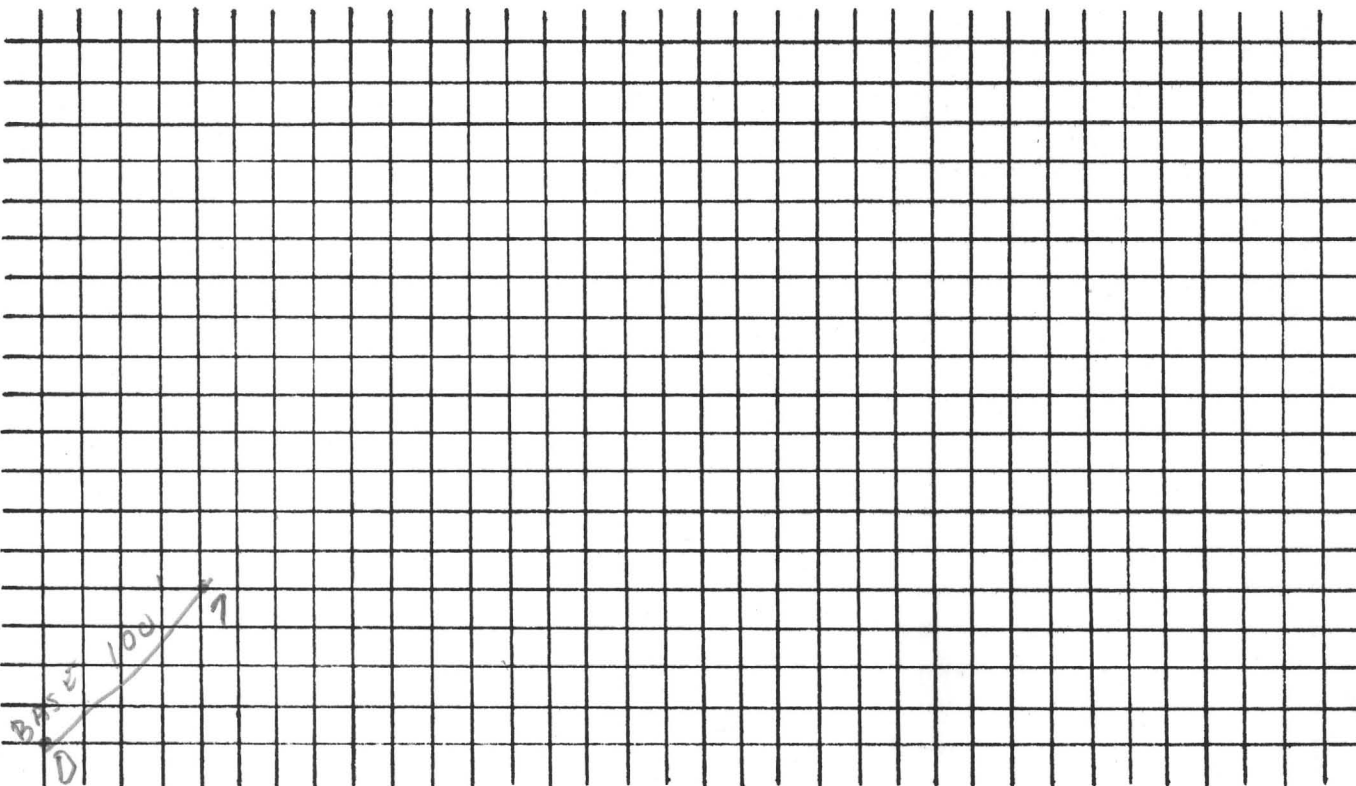
0959

Quality Observer Temp.

Ave 03117.483

0958

Quality Observer Temp.



GRAVITY OBSERVATION FORM

Sequence No. 00068

MOVED 100 FT NE
CHOPPED DOWN MESQUITE TREE

Station Ident LM8-SY-2

State AZ

County LP

Month 10

Day 21

Year 84

Deg. Latitude N 33 38 22"

Station Type F

Bedrock

Map

Geology

PRIMARY

Deg. Longitude

Minutes

Meter Type or Number

FA = -16.22
BA = -42.98

Geology

SECONDARY

Elevation 775

Unit Control

Geology

TERTIARY

ELEV DIFF -1 FT

ON SANDY ARROYO BANK

ON SW EDGE OF MAIN ARROYO

1 3117 424

Reading

916

Time

Quality

Observer MA

Temp.

2 424

Reading

917

Time

Quality

Observer

Temp.

3 425

Reading

918

Time

Quality

Observer

Temp.

Av 3117 425

Reading

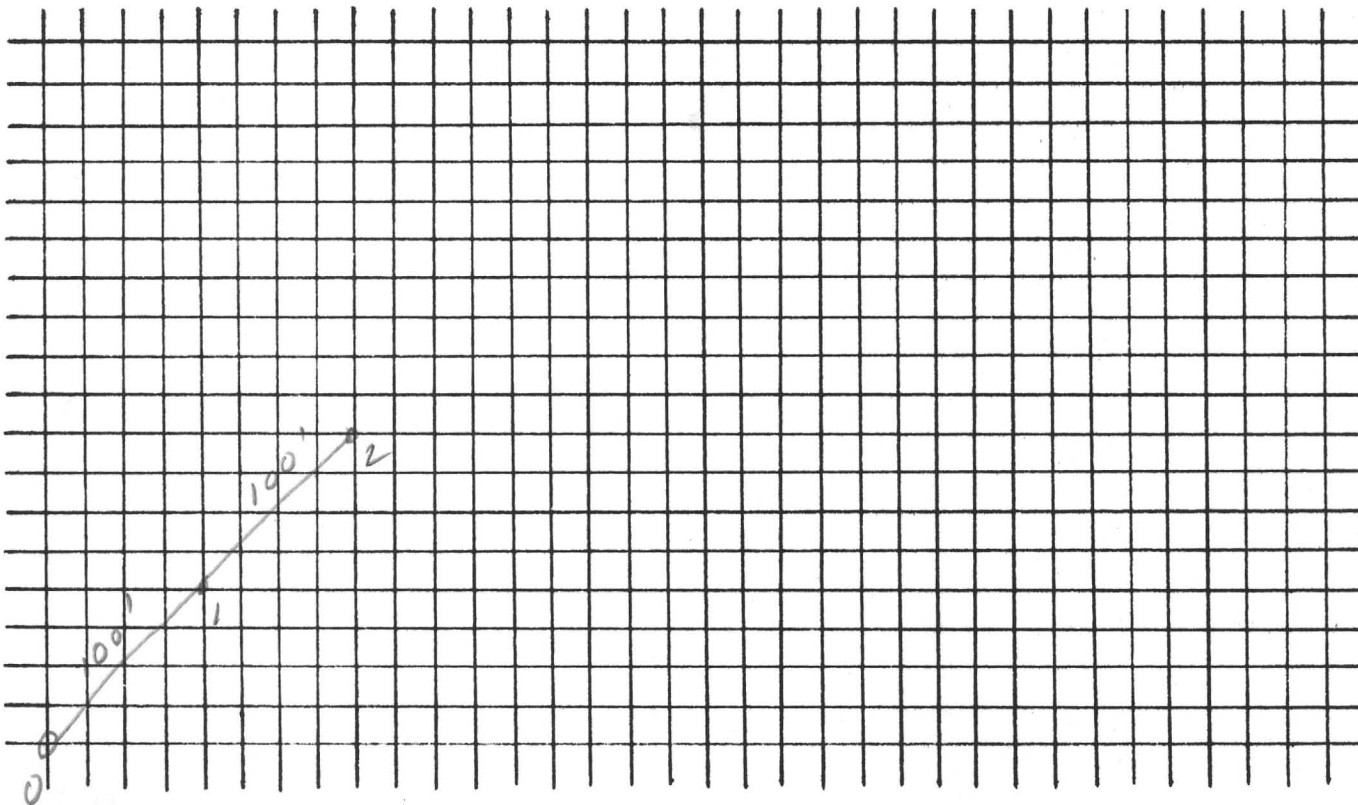
917

Time

Quality

Observer

Temp.



GRAVITY OBSERVATION FORM

MOVE 100 F NE

Sequence No.

 -

Station Ident

State

County

Month

Day

Year

Deg. Latitude

Minutes

Station Type

Bedrock

Map

Geology

PRIMARY

Deg. Longitude

Minutes

Meter Type or Number

FA = -16.83

BA = -43.54

Geology

SECONDARY

Elevation

Unit Control

Geology

TERTIARY

ELEV DIFF 0

 in ARROYO
ON GRAVEL
SAND + COBBLES

NEAR NE EDGE OF ARROYO

1

Reading

Time

Quality

 MA

Observer

Temp.

2

Reading

Time

Quality

Observer

Temp.

3

Reading

Time

Quality

Observer

Temp.

AVE

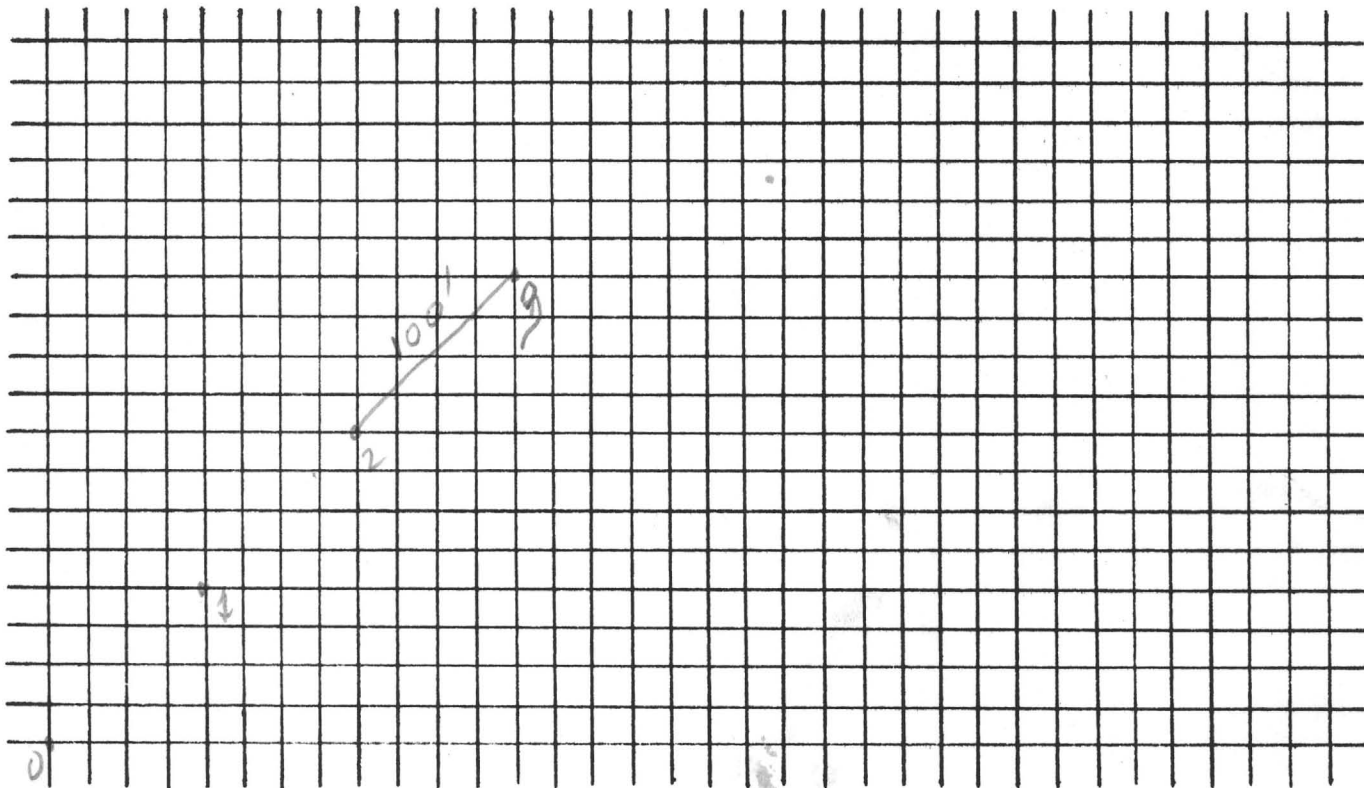
Reading

Time

Quality

Observer

Temp.



GRAVITY OBSERVATION FORM

MOVE 13.3

NE END OF LINE

				7	6
--	--	--	--	---	---

Sequence No.

$$\begin{array}{r} 13.3 \\ \times 3 \\ \hline 39.9 \text{ FT NE} \end{array}$$

4	M	8	-	3	7	-	4
---	---	---	---	---	---	---	---

Station Ident

--	--

State

--	--

County

--	--

Month

--	--

Day

--	--

Year

N	3	3		3	8		2	4	"
---	---	---	--	---	---	--	---	---	---

Deg. Latitude

Minutes

--	--	--

Station Type

--	--

Bedrock

--	--

Map

--	--	--

Geology

PRIMARY

--	--	--	--	--	--

Deg. Longitude

Minutes

--	--	--	--

Meter Type or Number

--	--	--

Geology

SECONDARY

		7	8	0	TOPO	
--	--	---	---	---	------	--

Elevation

786.3

--	--

Unit Control

--	--	--

Geology

TERTIARY

ELEV DIFF - +5'

BA = -43.44

GNEISS + SCHIST

$$\begin{array}{l} \text{FA} = -16.88 \\ \text{BA} = -43.82 \end{array}$$
1

	3	1	1	6	.	3	5	7
--	---	---	---	---	---	---	---	---

Reading

	9	3	5
--	---	---	---

Time

--	--

Quality

MA

Observer

Temp.

2

					.	3	5	7
--	--	--	--	--	---	---	---	---

Reading

	9	3	5
--	---	---	---

Time

--	--

Quality

Observer

Temp.

3

					.	3	5	3
--	--	--	--	--	---	---	---	---

Reading

	9	3	7
--	---	---	---

Time

--	--

Quality

Observer

Temp.

AVE

	3	1	1	6	.	3	5	6
--	---	---	---	---	---	---	---	---

Reading

	9	3	6
--	---	---	---

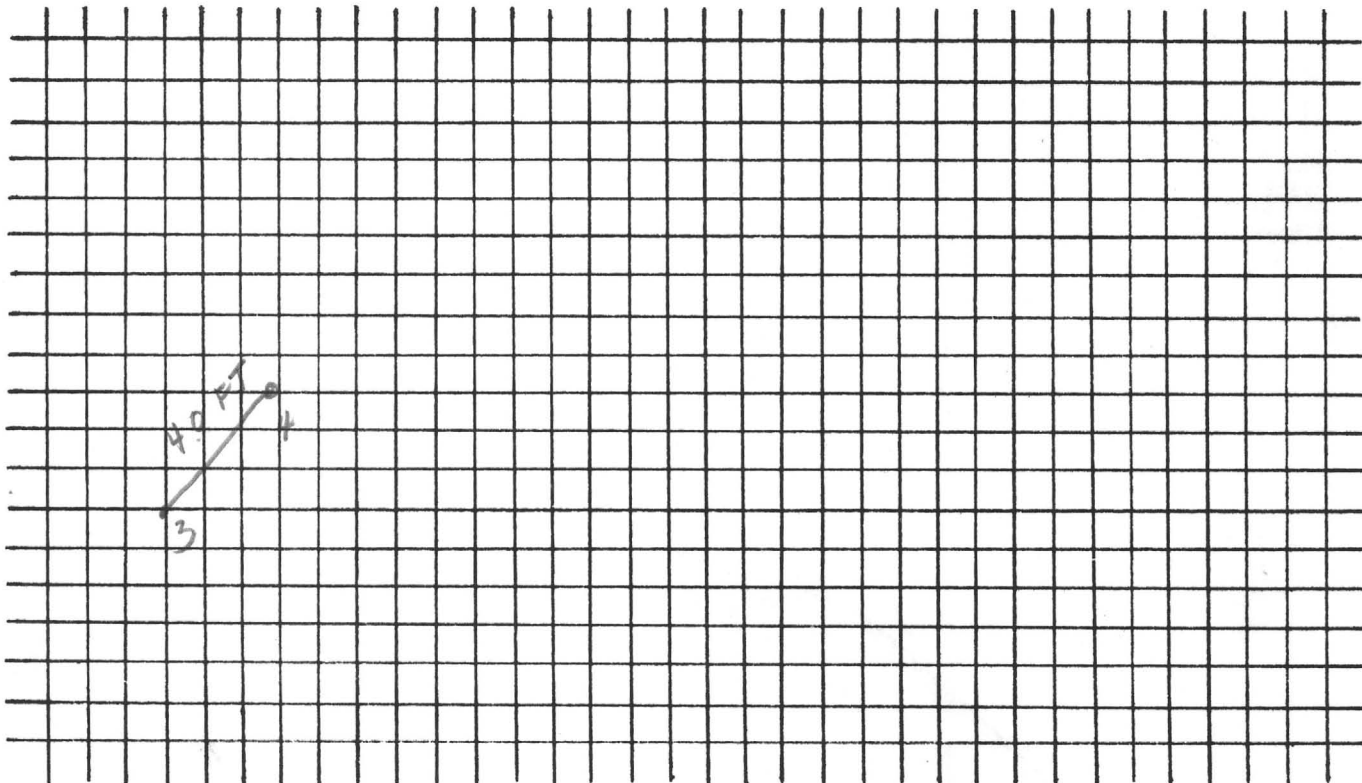
Time

--	--

Quality

Observer

Temp.



GRAVITY OBSERVATION FORM

Sequence No. **71**

SOUTH END OF LINE = JV-3 COR #6

Station Ident **LN9-ST00**

State **AZ**

County **LP**

Month **10**

Day **21**

Year **84**

Deg. Latitude **33° 38' 16"**

Station Type **□ □ □**

Bedrock **?** Map **□ □ □**

Geology **□ □ □** PRIMARY

Deg. Longitude **114° 31' 17"**

Meter Type or Number **□ □ □ □**

Geology **□ □ □** SECONDARY

Elevation **786.9**

Unit Control **□ □ □**

FA = -16.91
BA = -43.85

Geology **□ □ □** TERTIARY

GRUSST-GREEPED

DARIGRAY GREEN SCHIST

BA = -43.44

1 **3116.080**
Reading

1253
Time

G **MA**
Quality Observer Temp.

2 **0872**
Reading

□ □ □ □
Time

□
Quality Observer Temp.

3 **0875**
Reading

1255
Time

□
Quality Observer Temp.

AVE **3116.082**
Reading

1254
Time

□
Quality Observer Temp.

1320 ± 2640
61° N OF SECTION LINE

(OVER)

LATITUDE CORRECTION

$$2.5 \text{ MIN} = 15.13 \text{ INCHES}$$

$$= 4.71 \text{ INCHES} = .77826 \text{ MIN}$$

$$= 46'' \text{ ~~44''~~}$$

$$33^\circ 37' 30'' \text{ ~~30''~~}$$

$$33^\circ 37' 76'' \quad 33^\circ 38' 16''$$

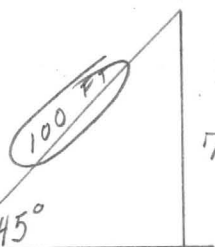
$$1000 \text{ FT} = .16523 \text{ MIN}$$

$$100 \text{ FT} = .01652 \text{ MIN}$$

$$200 \text{ FT} = .033047 \text{ MIN}$$

MOVING N

$$= \text{~~1920''~~ } 2''$$



$$70.71 = N .01168 \text{ MIN} = \text{~~14''~~ } \text{~~14''~~}$$

$$200 \text{ FT} = 1.4''$$

$$70.71$$

$$= N .61396 \text{ MIN}$$

MOVE 200 ← T N

~~$$F_A = -17.26$$
$$B_A = -43.85$$~~

Elevation 775.5
ELEVATION PIET

- 9 FT

$$BA = -413.52$$

ROAD FILL
- NEAR SCALES
FRONTEND LOADER CAME BY

	Reading	Time	Quality	Observer	Temp.
1	<input type="text" value="1"/> <input type="text" value="3"/> <input type="text" value="1"/> <input type="text" value="1"/> <input type="text" value="6"/> · <input type="text" value="7"/> <input type="text" value="0"/> <input type="text" value="6"/>	<input type="text" value="1"/> <input type="text" value="3"/> <input type="text" value="0"/> <input type="text" value="5"/>	<input type="text" value="MA"/>		
2	<input type="text" value="1"/> <input type="text" value="3"/> <input type="text" value="1"/> <input type="text" value="1"/> <input type="text" value="6"/> · <input type="text" value="7"/> <input type="text" value="1"/> <input type="text" value="1"/>	<input type="text" value="1"/> <input type="text" value="3"/> <input type="text" value="0"/> <input type="text" value="6"/>			
3	<input type="text" value="1"/> <input type="text" value="3"/> <input type="text" value="1"/> <input type="text" value="1"/> <input type="text" value="6"/> · <input type="text" value="7"/> <input type="text" value="0"/> <input type="text" value="9"/>	<input type="text" value="1"/> <input type="text" value="3"/> <input type="text" value="0"/> <input type="text" value="7"/>			
AVE	<input type="text" value="1"/> <input type="text" value="3"/> <input type="text" value="1"/> <input type="text" value="1"/> <input type="text" value="6"/> · <input type="text" value="7"/> <input type="text" value="0"/> <input type="text" value="9"/>	<input type="text" value="1"/> <input type="text" value="3"/> <input type="text" value="0"/> <input type="text" value="6"/>			

[illegible]

~~MOVE 38.1 x 3~~ MOVE 200 FT NORTH

ELEV DIFF +1 FT

OUTWASH PLAIN

	Reading	Time	Quality	Observer	Temp.
1	<input type="text" value="3"/> <input type="text" value="1"/> <input type="text" value="1"/> <input type="text" value="7"/> , <input type="text" value="6"/> <input type="text" value="8"/> <input type="text" value="5"/>	<input type="text" value="1"/> <input type="text" value="3"/> <input type="text" value="2"/> <input type="text" value="7"/>	<input type="text"/>	MA	
2	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> , <input type="text" value="6"/> <input type="text" value="8"/> <input type="text" value="4"/>	<input type="text" value="1"/> <input type="text" value="3"/> <input type="text" value="2"/> <input type="text" value="8"/>	<input type="text"/>		
3	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> , <input type="text" value="6"/> <input type="text" value="8"/> <input type="text" value="6"/>	<input type="text" value="1"/> <input type="text" value="3"/> <input type="text" value="2"/> <input type="text" value="9"/>	<input type="text"/>		
Ave	<input type="text"/> <input type="text" value="3"/> <input type="text" value="1"/> <input type="text" value="1"/> <input type="text" value="7"/> , <input type="text" value="6"/> <input type="text" value="8"/> <input type="text" value="5"/>	<input type="text" value="1"/> <input type="text" value="3"/> <input type="text" value="2"/> <input type="text" value="8"/>	<input type="text"/>		

A full-page view of a blank sheet of white graph paper. The grid consists of thin, dark gray horizontal and vertical lines intersecting at right angles to form small squares. There are approximately 20 columns and 20 rows of squares across the page. A single horizontal margin line runs parallel to the top edge, about one-fifth of the way down from the top. Another single horizontal margin line runs parallel to the bottom edge, about one-fifth of the way up from the bottom. These two margin lines divide the page into three sections: a narrow header section at the top, a large central area for drawing or writing, and a narrow footer section at the bottom. The grid covers the entire area between the margins.

GRAVITY OBSERVATION FORM

75

MOVE 38.1 x 3 = 114.3 FT NORTH
 = 714.3 FT NO BASE CLAIM CORNER TV-2

<div style="border: 1px solid black; padding: 2px; display: inline-block;"> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">7</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">5</div> </div> <p>Sequence No.</p>	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">4</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">N</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">9</div> </div> <p>Station Ident</p>	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">A</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">2</div> </div> <p>State</p>	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">L</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">P</div> </div> <p>County</p>	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">1</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">0</div> </div> <p>Month</p>	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">2</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">1</div> </div> <p>Day</p>	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">8</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">4</div> </div> <p>Year</p>
<div style="border: 1px solid black; padding: 2px; display: inline-block;"> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">3</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">3</div> </div> <p>Deg. Latitude</p>	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">3</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">8</div> </div> <p>Minutes</p>	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">2</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">1</div> </div> <p>Station Type</p>	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">3</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">3</div> </div> <p>Bedrock</p>	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">3</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">8</div> </div> <p>Map</p>	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">3</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">8</div> </div> <p>Geology</p>	<p>PRIMARY</p>
<div style="border: 1px solid black; padding: 2px; display: inline-block;"> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">1</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">1</div> </div> <p>Deg. Longitude</p>	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">3</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">1</div> </div> <p>Minutes</p>	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">1</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">7</div> </div> <p>Meter Type or Number</p>	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">1</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">7</div> </div> <p>FA = -17.55</p>	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">1</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">7</div> </div> <p>BA = -43.70</p>	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">1</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">7</div> </div> <p>Geology</p>	<p>SECONDARY</p>
<div style="border: 1px solid black; padding: 2px; display: inline-block;"> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">7</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">5</div> </div> <p>Elevation</p>	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">7</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">5</div> </div> <p>Unit Control</p>	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">7</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">5</div> </div> <p>Geology</p>	<p>TERTIARY</p>			

ELEV DIFF 0

1	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> , <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	<u>NA</u>	<u> </u>
	Reading	Time	Quality	Observer	Temp.
2	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> , <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	<u> </u>	<u> </u>
	Reading	Time	Quality	Observer	Temp.
3	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> , <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	<u> </u>	<u> </u>
	Reading	Time	Quality	Observer	Temp.
Ave	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> , <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	<u> </u>	<u> </u>
	Reading	Time	Quality	Observer	Temp.

[illegible]

GRAVITY OBSERVATION FORM

Sequence No. 00076

M01E 200 FT N 45° E

Station Ident 419-5705

State AZ

County LP

Month 10

Day 21

Year 84

Deg. Latitude N 33° 38' 22.4"

Station Type F

Bedrock Map

Geology PRIMARY

Deg. Longitude 114 31 08

Meter Type or Number

Geology SECONDARY

Elevation 760

Unit Control

FA = -17.93
BA = -44.00

Geology TERTIARY

About

BA = -43.7

1

3117

Reading

497

1353

Time

G

Quality

R.L

Observer

Temp.

2

3117

Reading

508

1356

Time

G

Quality

R.L

Observer

Temp.

3

3117

Reading

520

1357

Time

Quality

R.L

Observer

Temp.

~~4~~

3117

Reading

501

1401

Time

Quality

R.L

Observer

Temp.

3117.513
3117.511
3117.511

14:03
14:05
14:06

Ave = 3117.511 14:05

GRAVITY OBSERVATION FORM

Sequence No.

MOVED 200 FT N 45° E

 -

Station Ident

State

County

Month

Day

Year

 ° ' "

Deg. Latitude

Minutes

Station Type

Bedrock

Map

Geology

PRIMARY

Deg. Longitude

Minutes

Meter Type or Number

FA = -17.21

Geology

SECONDARY

Elevation

Unit Control

BA = -43.39

Geology

TERTIARY

760.6
About 2' lower
sl: 11 in wash

BA = -43.23

1

Reading

Time

Quality

R.L.

Observer

Temp.

2

Reading

Time

Quality

R.L.

Observer

Temp.

3

Reading

Time

Quality

R.L.

Observer

Temp.

4

Reading

Time

Quality

R.L.

Observer

Temp.

AVE

3117

.996

1442

GRAVITY OBSERVATION FORM .

MOVED 200 FT N 45° E

84

Year

☐ ☐ ☐ PRIMARY
Geology

☐ ☐ ☐ SECONDARY
Geology

$$F_A = -17.30$$

$$B_A = 43.55$$

☐☐☐ TERTIARY
Geology

$$BA = -43.44$$

<input type="checkbox"/>	<u>R.L.</u>	_____
Quality	Observer	Temp.
<input type="checkbox"/>	<u>R.L.</u>	_____
Quality	Observer	Temp.
<input type="checkbox"/>	<u>R.L.</u>	_____
Quality	Observer	Temp.
<input type="checkbox"/>	<u>R.L.</u>	_____
Quality	Observer	Temp.

		.761	15:05
		.760	15:07
<hr/>			
Ave	3117	.759	1505'

Begin

$I := 1$

$J := 1$

$k := 1$ Repeat

IF $Array1[I] \geq Array2[J]$ THEN

begin

$Arrayd[k] := Array1[I]$

$I := I + 1$;

End

ELSE IF $Array2[J] > Array1[I]$ THEN

begin

$Arrayd[k] := Array2[J]$

$J := J + 1$;

End

ELSE $Arrayd[k] := Array1[I]$

$k := k + 1$;

$Arrayd[k] := Array2[J]$;

$I := I + 1$;

$J := J + 1$;

End;

UNTIL $(Array1 > Arraysize) \text{ AND } (Array2 > Arraysize)$;

End {merge}

GRAVITY OBSERVATION FORM

MOVED 200 FT N 45° E

Sequence No.

 -

Station Ident

State

County

Month

Day

Year

 ° ' "

Deg. Latitude

Minutes

Station Type

Bedrock

Map

Geology

PRIMARY

Deg. Longitude

Minutes

Meter Type or Number

 $FA = -16.86$
 $BA = -43.46$

Geology

SECONDARY

Elevation

Unit Control

Geology

TERTIARY

774.7

ON bench

Elevation ~

BA = -43.18

1

Reading

Time

Quality

R.L.

Observer

Temp.

2

Reading

Time

Quality

R.L.

Observer

Temp.

3

Reading

Time

Quality

R.L.

Observer

Temp.

4

Reading

Time

Quality

R.L.

Observer

Temp.

3 1 1 7 . 3 0 0

3 1 1 7 . 3 0 0

1 5 : 4 4

1 5 : 4 6

AVE 3 1 1 7 . 2 9 9

1 5 . 4 4

MOVE 200 FT N 45° E

Sequence No.Station IdentStateCountyMonthDayYearDeg. LatitudeMinutesStation Type

Bedrock

Map

Geology

PRIMARY

Deg. LongitudeMinutesMeter Type or Number~~FA = -16.46~~
~~BA = -43.57~~

Geology

SECONDARY

Elevation

□

control

$$B_1 A = -43.39$$

Geology

TERTIARY

ELEV DIFF ~~+18~~ +14 FT

PENEPLAIN

Reading

TimeMA

Observer

Temp.

Reading

TimeObserver

Temp.

Reading

TimeObserver

Temp.

Reading

350

TimeObserver

Temp.

AVE 3116 · 350 1556

FA = -13.82

BA = -41.97

GRAVITY OBSERVATION FORM

MOVED 200 FT N 45° E

Sequence No.

Station Ident

State

County

Month

Day

Year

Deg. Latitude

Minutes

Station Type

Bedrock

Map

Geology

PRIMARY

Deg. Longitude

Minutes

Meter Type or Number

Geology

SECONDARY

Elevation

Unit Control

Geology

TERTIARY

793.2

ELEV DIFF

PEWEEPLAIN

MOSTLY SCHIST + GRANITE

APPROX LOCATION OF OLD CHANNEL
RUNNING NE-SW

BA = -43.28

1

Reading

Time

Quality

Observer

Temp.

2

Reading

Time

Quality

Observer

Temp.

3

Reading

Time

Quality

Observer

Temp.

~~4~~

Reading

Time

Quality

Observer

Temp.

AVE 3116.187

1606

LATITUDE CORRECTION
2.5 MIN = 15.13 INCHES

$$5.43 \text{ INCHES} = 0.897224 \text{ MIN}$$

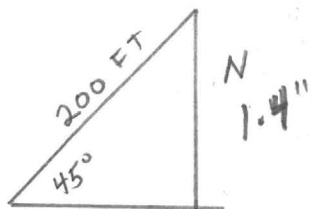
$$= 53.5 \text{ SEC } 50$$

$$= 54 \text{ SEC}$$

$$+ 33^{\circ} 37' 30''$$

$$33^{\circ} 37' 84''$$

$$= 33^{\circ} 38' 24''$$



LONGITUDE CORRECTION
2.5 MIN = 12.66 INCHES

$$12.40 \text{ INCHES} = 2.448657 \text{ MIN}$$

$$2' 27''$$

$$+ 114^{\circ}$$

$$22' 30''$$

$$114^{\circ}$$

$$24' 57''$$

MOVED 200 FT N 50° E
THRU BRUSH POOR SIGHTING

$$BA = -44.10$$

	Reading	Time	Quality	Observer	Temp.
1	<input type="text"/> <input type="text"/> 3 <input type="text"/> 1 <input type="text"/> 1 <input type="text"/> 8 <input type="text"/> , <input type="text"/> 7 <input type="text"/> 7 <input type="text"/> 1	<input type="text"/> <input type="text"/> 9 <input type="text"/> 1 <input type="text"/> 3	<input type="text"/>	MA	
2	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> , <input type="text"/> 7 <input type="text"/> 6 <input type="text"/> 7	<input type="text"/> <input type="text"/> 9 <input type="text"/> 1 <input type="text"/> 4	<input type="text"/>		
3	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> , <input type="text"/> 7 <input type="text"/> 6 <input type="text"/> 4	<input type="text"/> <input type="text"/> 9 <input type="text"/> 1 <input type="text"/> 6	<input type="text"/>		
4	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> , <input type="text"/> 7 <input type="text"/> 6 <input type="text"/> 2	<input type="text"/> <input type="text"/> 9 <input type="text"/> 1 <input type="text"/> 7	<input type="text"/>		

AVE	3118	764	916
-----	------	-----	-----

MOVED 200 FT N 45° E

ELEV DIFF = 0

$$B_A = -43.89$$

OUTWASH FAN
SAND + GRAVEL

	Reading	Time	Quality	Observer	Temp.
1	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	<u>ML</u>	<u> </u>
2	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	<u> </u>	<u> </u>
3	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	<u> </u>	<u> </u>
Ave	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	<u> </u>	<u> </u>

[illegible]

GRAVITY OBSERVATION FORM

Sequence No.

MOVED 200 FT N45°E

 -

Station Ident

State

County

Month

Day

Year

 N ° ' "

Deg. Latitude

Minutes

Station Type

Bedrock

Map

Geology

PRIMARY

Deg. Longitude

Minutes

Meter Type or Number

 F.A. = -17.44
 B.A. = -43.35
 -43.35

Geology

SECONDARY

Elevation

Unit Control

Geology

TERTIARY

 741.5
 ELEV DIFF 0

BA = -43.86

 1 .

Reading

Time

Quality

 MA

Observer

Temp.

 2 .

Reading

Time

Quality

Observer

Temp.

 3 .

Reading

Time

Quality

Observer

Temp.

 4 .

Reading

Time

Quality

Observer

Temp.

583

1007

580

1008

AVE 3/18 . 582

1007

GRAVITY OBSERVATION FORM

0001

Sequence No.

AT LOVEKIN + 14TH ST BLYTHE CALIFORNIA

BAS 1

Station Ident

AZ

State

LA

County

10

Month

18

Day

84

Year

Deg. Latitude

Minutes

B

Station Type

Bedrock

Map

Geology

PRIMARY

Deg. Longitude

Minutes

6546

Meter Type or Number

Geology

SECONDARY

Elevation

Unit Control

Geology

TERTIARY

1

3144

Reading

065

802

Time

Quality

M.A.

Observer

Temp.

2

3144

Reading

070

Time

Quality

M.A.

Observer

Temp.

3

3144

Reading

070

805

Time

Quality

M.A.

Observer

Temp.

AVE

3144

Reading

0683

Time

Quality

Observer

Temp.

MARK
ANDERS

GRAVITY OBSERVATION FORM

Sequence No.		AT LOVEKIN + 14TH ST		BLYTHE CALIF	
Station Ident		State	County	Month	Day
Deg. Latitude		Minutes	Station Type	Bedrock	Map
Deg. Longitude		Minutes	Meter Type or Number	Geology	
Elevation		Unit Control		Geology	

≈ 0.234

	Reading	Time	Quality	Observer	Temp.
1	<div> <div></div> <div>3</div> <div>1</div> <div>4</div> <div>2</div> </div> <div> <div>0</div> <div>8</div> <div>8</div> </div>	<div> <div>1</div> <div>6</div> <div>4</div> <div>3</div> </div>	<div></div>	MA	
2	<div> <div></div> <div>3</div> <div>1</div> <div>4</div> <div>2</div> </div> <div> <div>0</div> <div>6</div> <div>3</div> </div>	<div> <div>1</div> <div>6</div> <div>4</div> <div>5</div> </div>	<div></div>		
3	<div> <div></div> <div>3</div> <div>1</div> <div>4</div> <div>2</div> </div> <div> <div>0</div> <div>3</div> <div></div> </div>	<div> <div></div> <div></div> <div></div> <div></div> </div>	<div></div>		
4	<div> <div></div> <div>3</div> <div>1</div> <div>4</div> <div>2</div> </div> <div> <div>0</div> <div>5</div> <div>0</div> </div>	<div> <div></div> <div></div> <div></div> <div></div> </div>	<div></div>		

5	3142	·070	}	1649
6	3142	·071		1650
17	3142	·071		1650

GRAVITY OBSERVATION FORM

End day → 6:15

Mileage → 5526

CORNER LOVERIN + 14TH ST
IN BLYTHE CALIFORNIA

Sequence No.

 -

Station Ident

State

County

Month

Day

Year

Deg. Latitude

Minutes

Station Type

Bedrock

Map

Geology

PRIMARY

Deg. Longitude

Minutes

Meter Type or Number

Geology

SECONDARY

Elevation

Unit Control

Geology

TERTIARY

0.016680799

 1

Reading

Time

Quality

Observer

Temp.

 2

Reading

Time

Quality

Observer

Temp.

 3

Reading

Time

Quality

Observer

Temp.

 4

Reading

Time

Quality

Observer

Temp.

 5

Reading

Time

Quality

Observer

Temp.

Last Night - 4hr

GRAVITY OBSERVATION FORM

Start time - 7:45
Mileage - 5608

AT BLYTHE, CALIF

00087

Sequence No.

BAS - E

Station Ident

1 MORNING

AZ

State

LP

County

10

Month

22

Day

84

Year

00

Deg. Latitude

00

Minutes

00

0

Station Type

B

Bedrock

0

Map

0

00

Geology

PRIMARY

000

Deg. Longitude

00

Minutes

00

0000

Meter Type or Number

00

Geology

SECONDARY

0000

Elevation

0

Unit Control

0

0

00

Geology

TERTIARY

1

3139.143

Reading

750

Time

0

Quality

MA

Observer

Temp.

2

0000.0140

Reading

752

Time

0

Quality

Observer

Temp.

3

0000.138

Reading

753

Time

0

Quality

Observer

Temp.

4

0000.000

Reading

000

Time

0

Quality

Observer

Temp.

SEQ 100

BASE - 1 EVENING

READINGS

TIME

OBS

3139.226

11:35

MA

.221

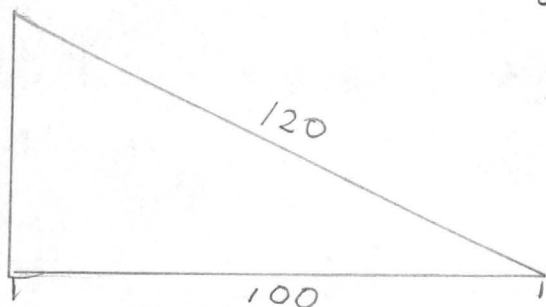
11:36

.220

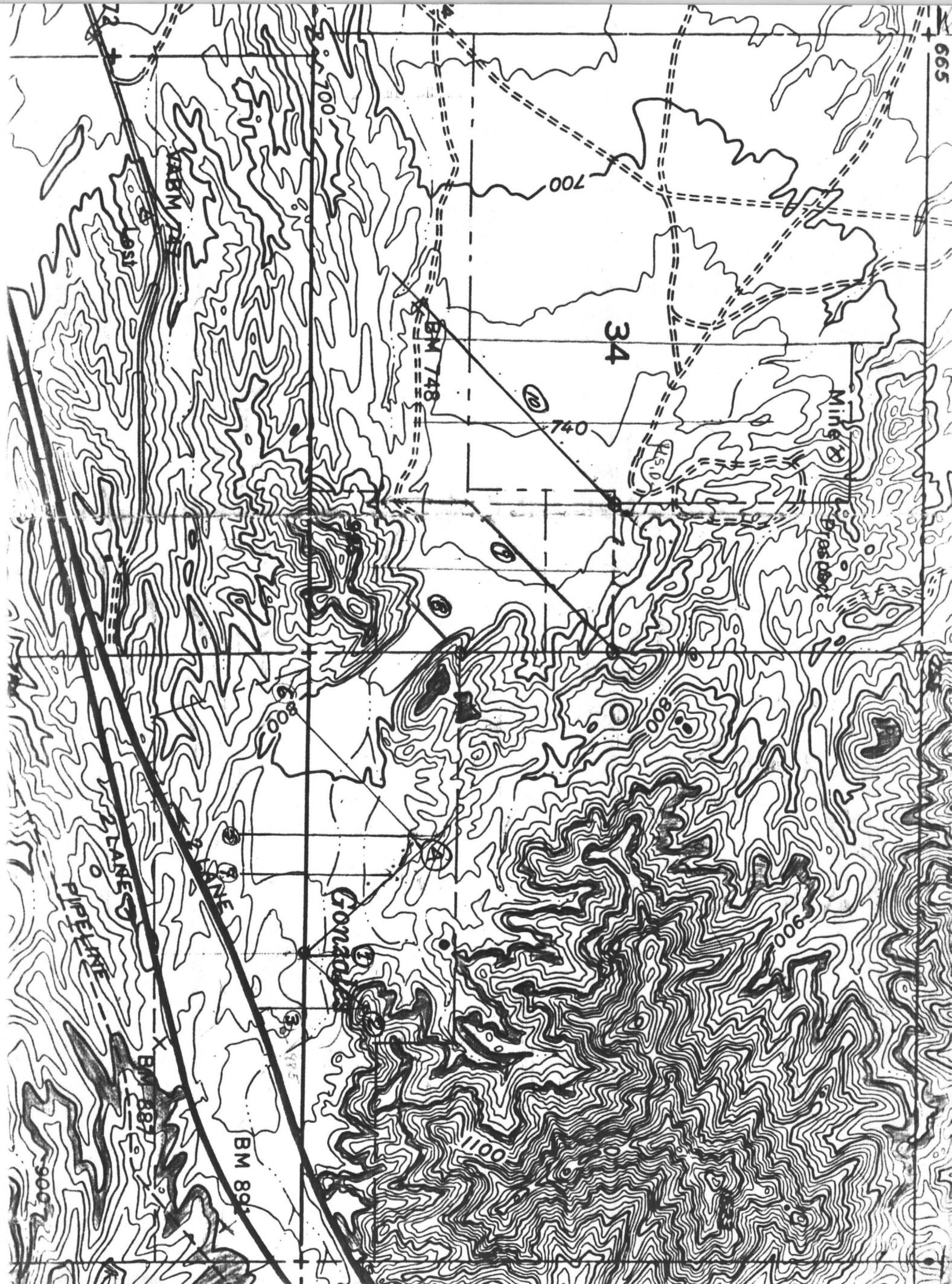
11:37

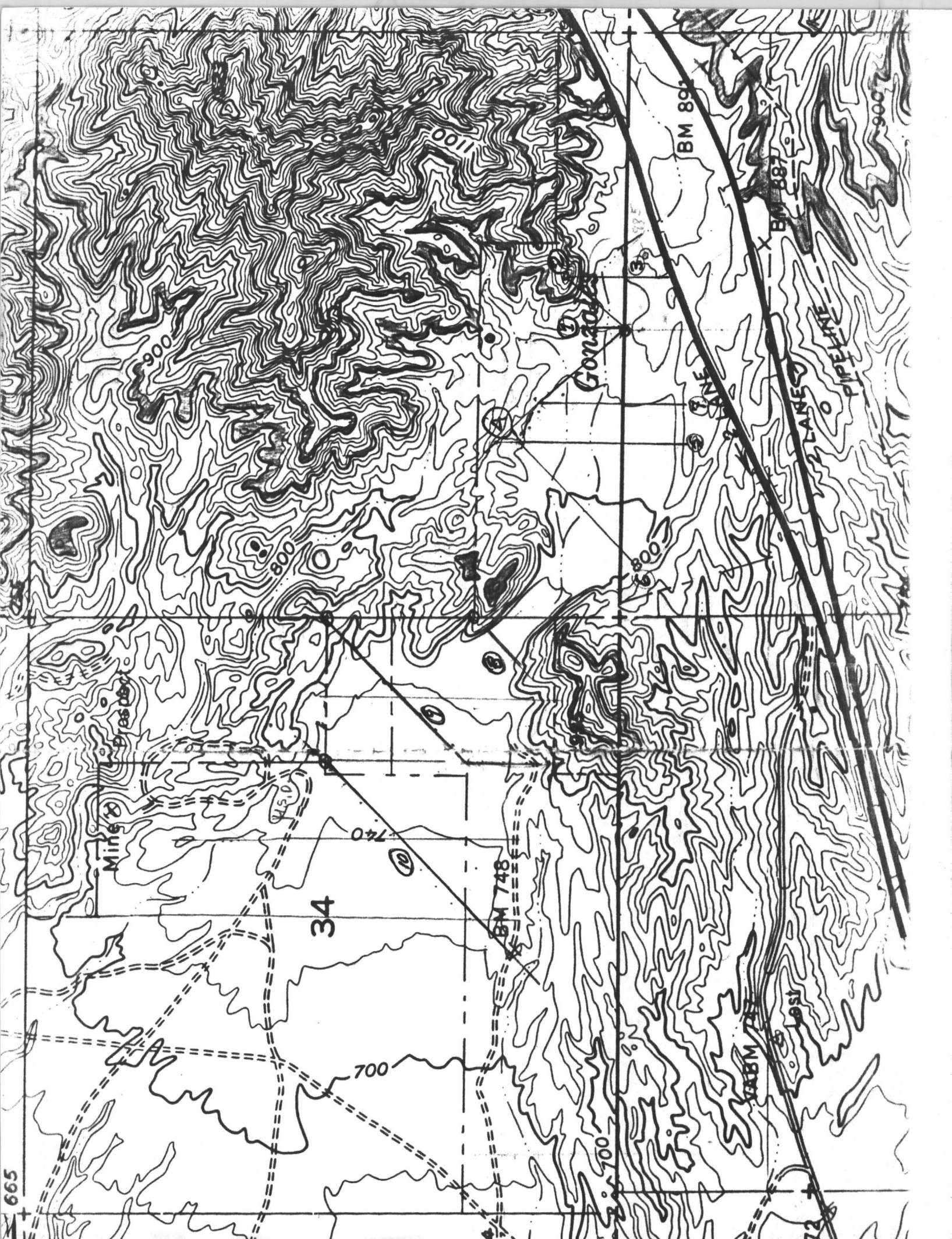
.222

11:37



LINE STA	ELEV
✓ 1 - 1 = 2-1	829.7
GEO PMO #1	816.90
1 - 2	816.50
1 - 3	811.40
1 - 4	819.40
TOPOG RTD	
1 - 5	830.40
454 NOT 400	
✓ 2 - 6.8 = 3-1	826.80
3 - 5	822.10
3 - 6	828.10
7 - 7	841.70
7 - 8	837.20





Gravity base station

Blythe, CA

Lat: $33^{\circ} 36.18' N$

Long: $114^{\circ} 36.28' W$

Elev: 80.25 meters

$g = 979,551.60$ (ISGN 71 Value)

Gravity Value $\rightarrow g = 979,565.35$ mgals (1936)

Estimated Accuracy $\rightarrow \pm 0.1$ mgals

Founded \rightarrow Nov. 1967

Location:

Station is located at U.S.G.S. BM-V-134, at the intersection of Louekin blvd. and 14th Ave., about $\frac{1}{2}$ mile south of I-10 at Blythe, 400 Feet west of the center line of Louekin blvd. and 20 Feet south of the center line of 14th Ave. Reading was on ground, 0.5 Foot below disc.

Gravity base station

Blythe, CA

Lat: $33^{\circ} 36.18' N$

Long: $114^{\circ} 36.28' W$

Elev: 80.25 meters

$g = 979,551.60$ (ISGN 71 Value)

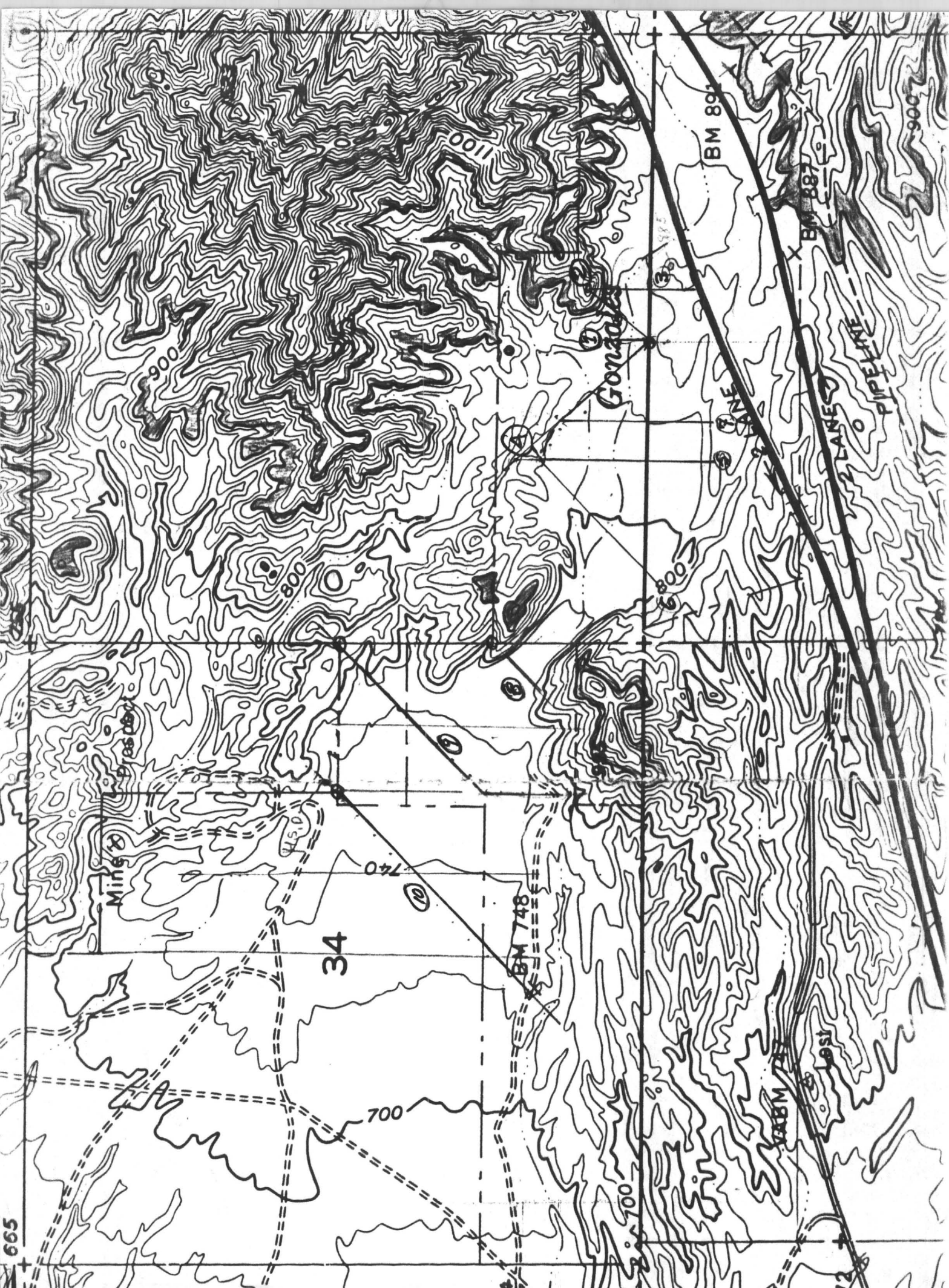
Gravity Value $\rightarrow g = 979,565.35$ mgals (1936)

Estimated Accuracy $\rightarrow \pm 0.1$ mgals

Founded \rightarrow Nov. 1967

Location:

Station is located at U.S.G.S. BM-V-134, at the intersection of Lovekin Blvd. and 14th Ave., about $\frac{1}{2}$ mile south of I-10 at Blythe, 400 Feet west of the center line of Lovekin Blvd. and 20 Feet south of the center line of 14th Ave. Reading was on ground, 0.5 Foot below disc.



	Station #1	#2	#3	#4	
grad -	D 1 840	810	790	780 -776	4
	2 860	825	780	780 -776	4
	3 800	780	800	820 -776	44
	4 780	780	800	840 -776	
	5 780	780	790	800 -776	
	6 780	780	775	880 -776	

1' 23'

25	36	line 5	35
23	35	line 1	<u>73</u>
24	9054	line 7	58
26	31		

2' 1"

= .7603'

23	35
7'	42
30	77
31	17

3900 = 39

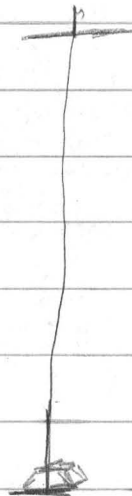
11	35
23	33
	<u>68</u>
34	
35	08

Drilled

	station	
7-5	4.5	68'
7-6	5	67'
7-7	5.5	

Will drill

Line 4	1 hole
Line 5	2 holes
Line 8	middle
9	1 hole
10	1 hole



Asked to stay until end of drilling (Richard)

	S.B	Regional	Residual
line #9			
1	-43.85	41.41	2.44
	-43.85	41.43	2.42
2	-43.55	41.45	2.10
3	-43.72	41.48	2.24
4	-43.70	41.47	2.23
5	-44.0	41.5	2.5
6	-43.61	41.69	1.92
7	-43.39	41.58	1.81
8	-43.55	41.61	1.94
9	-43.44	41.66	1.78
10	-43.46	41.69	1.77
11	-43.57	41.73	1.84
12	-41.97	41.77	0.2
13	-43.99	41.80	2.19
14	-42.92	41.85	1.07