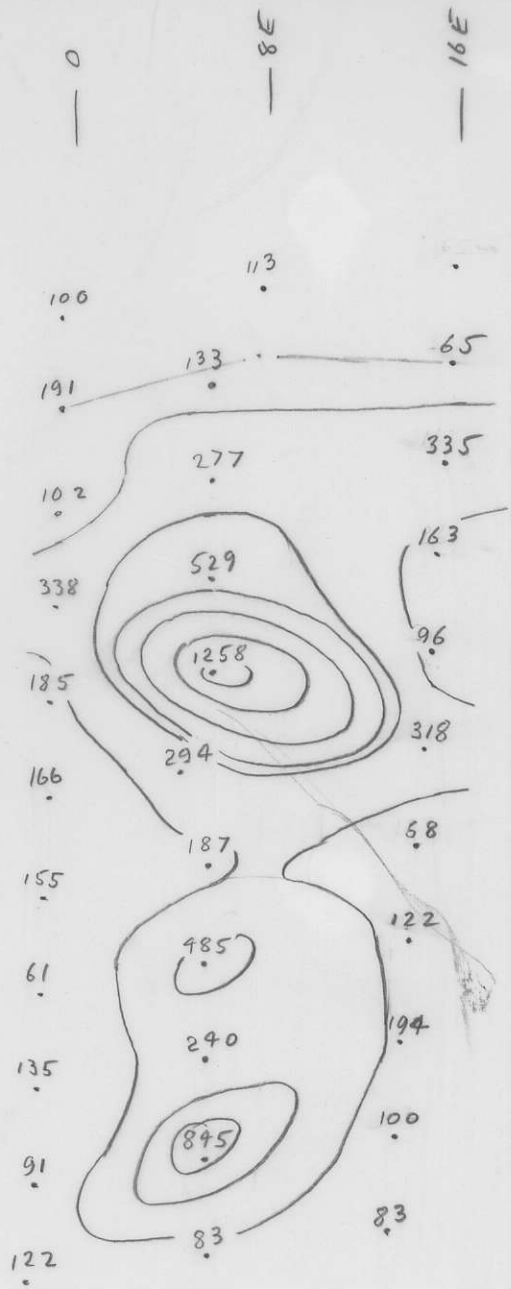
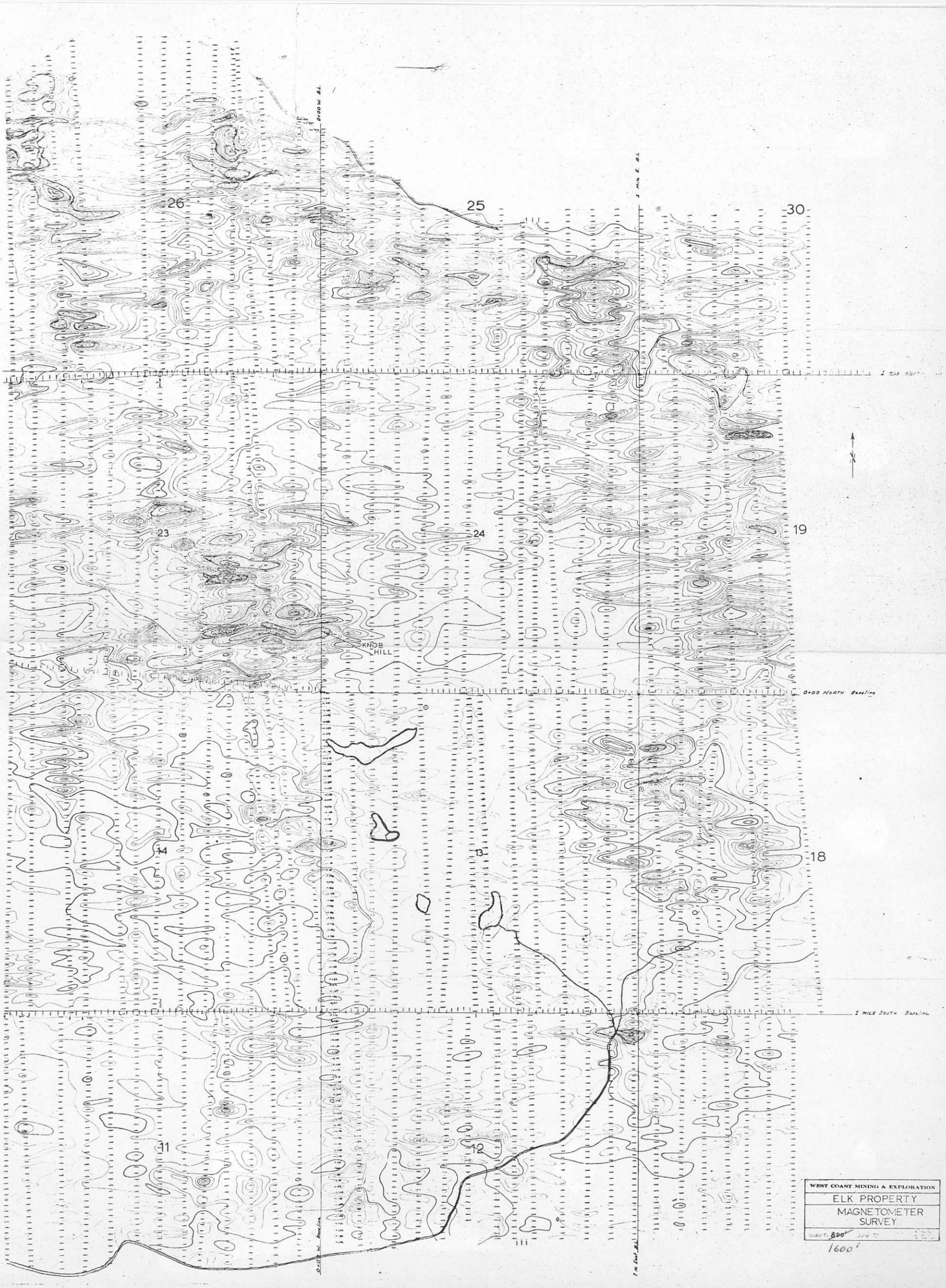


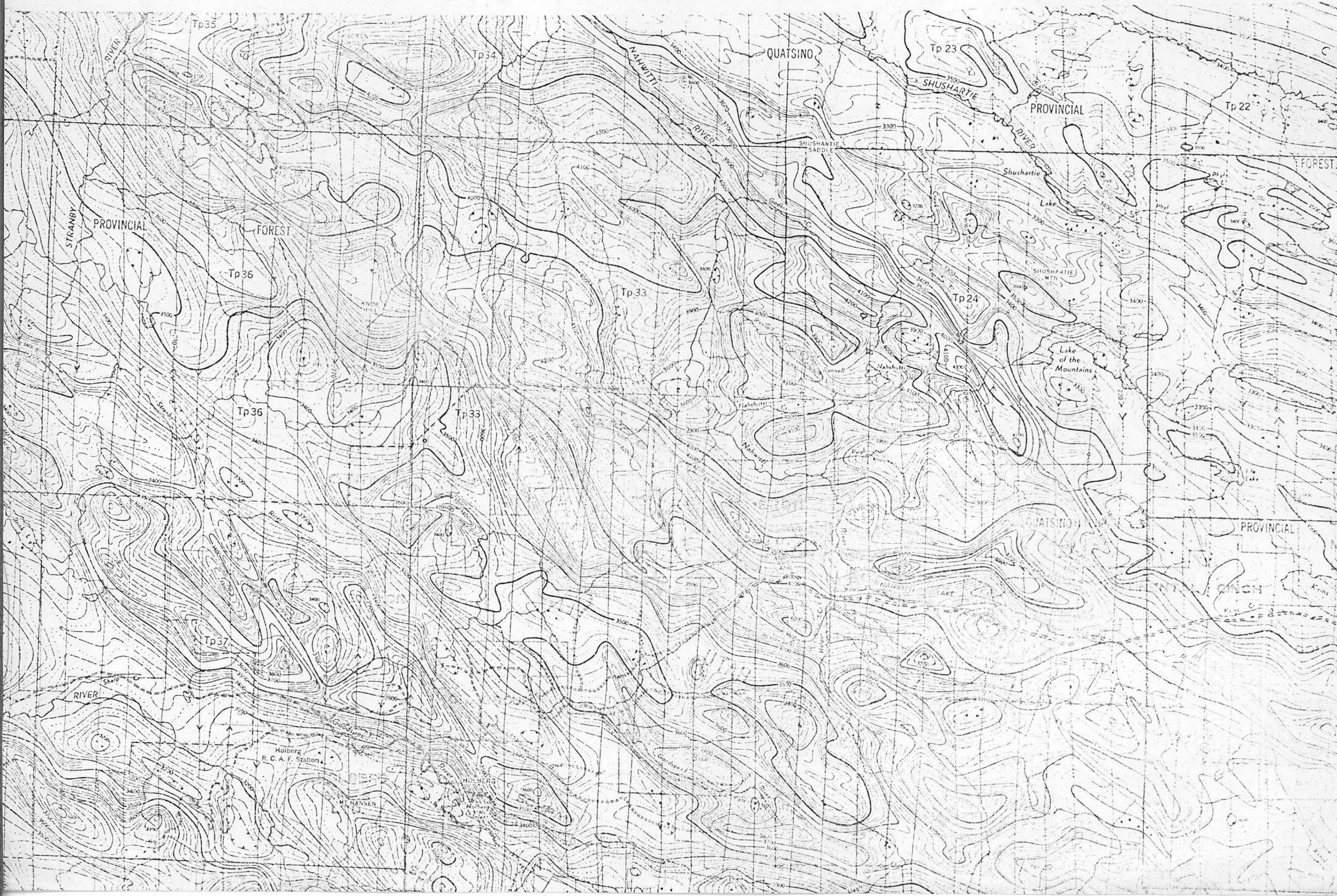
TOTAL METAL EFFECT
ELK
Jan 76
AREA 1

861219

	8E			16E									
	56N	60N	64N	24N	28N	32N	36N	40N	44N	48N	52N	56N	60N
METAL EFFECT													
Cu	104	52	37	40	74	68	74	39	90	53	50	176	41
Cucx	4	10	6	~5	30	13	28	12	18	11	~12	5	6
Cu − Cucx	100	42	~31	35	44	55	46	27	72	42	~38	171	35
10 Mo	50	30	30	10	10	50	20	10	100	10	50	10	
Cu-Cucx + 10 Mo	150	72	~61	45	54	105	66	37	172	52	~88	181	35
I.P. effect	ARBITRARY, all X 1.85												
TOTAL METAL EFFECT	277	133	113	83	100	194	122	68	318	96	163	335	65
ALTERATION EFFECT													
Sr/Ba													
2 Rb/Sr													
Sr/Ba + 2 Rb/Sr													

	20N	24N	28N	32N	36N	40N	44N	48N	52N	56N	60N	64N	24N	28N	32N	36N	40N	44N	48N	52N
METAL EFFECT																				
Cu	260	72	64	53	54	67	75	24	47	41	83	39	47	92	130	85	57	46	126	113
Cucx	90	26	25	10	21	13	5	4	4	6	20	~5	12	15	40	23	16	17	26	37
Cu − Cucx	170	46	39	43	33	54	70	20	43	35	63	~34	35	77	90	62	41	29	100	76
10 Mo	10	20	10	30	0	30	20	80	140	20	40	20	10	380	40	200	60	130	580	210
Cu-Cucx + 2Mo		66	49	73	33	84	90	100	183	55	103	~54	45	457	130	262	101	159	680	286
I.P. effect		ARBITRARY, all X 1-85																		
TOTAL METAL EFFECT		122	91	135	61	155	166	185	338	102	191	100	83	845	240	485	187	294	1258	529
ALTERATION EFFECT																				
Sr/Ba																				
2 Rb/Sr																				
Sr/Ba + 3 Rb/Sr																				

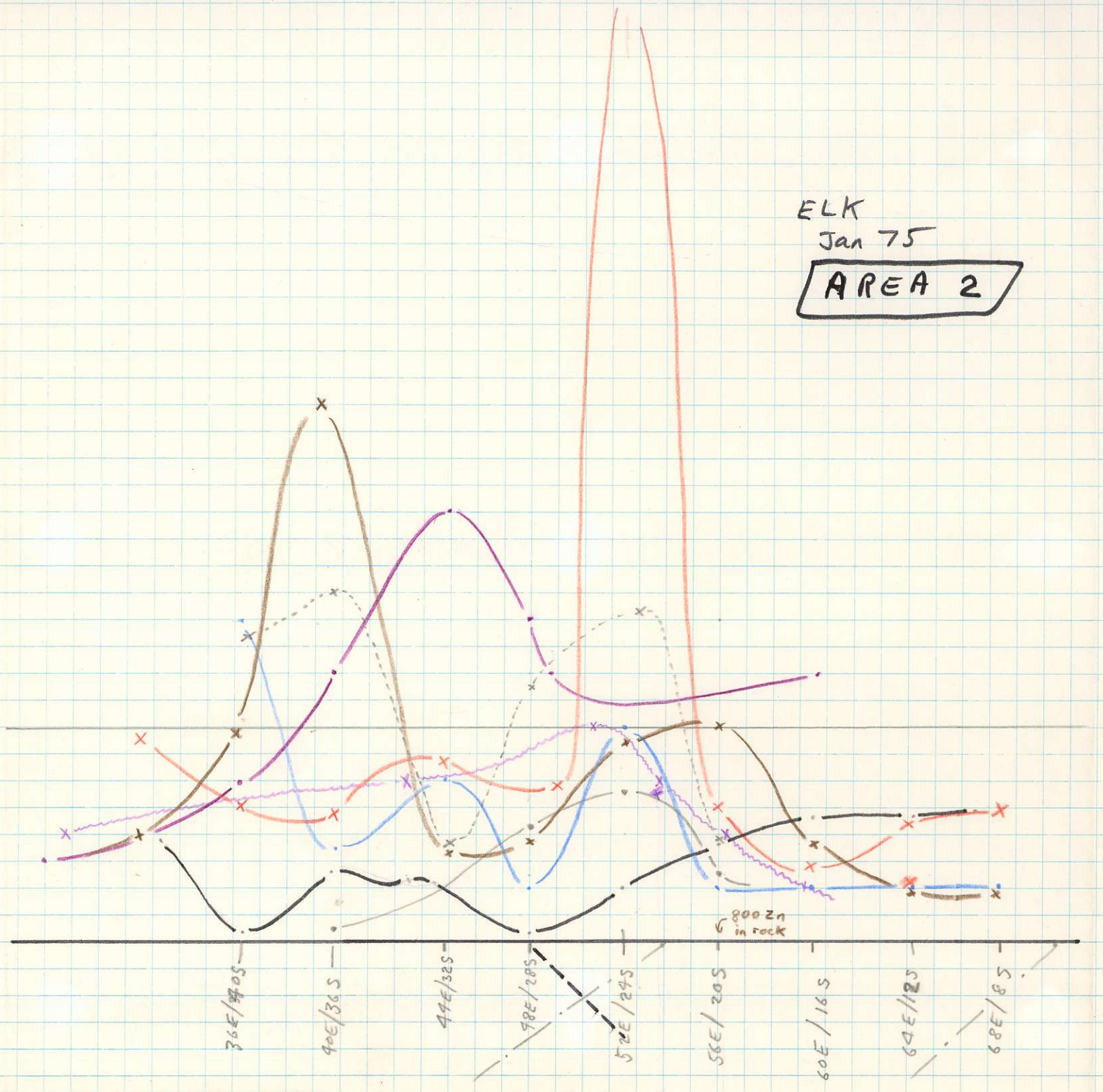

26
25
30
1
23
24
19
KNOB HILL
0+00 North Baseline
14
13
18
1 MILE SOUTH Baseline
11
12
WEST COAST MINING & EXPLORATION
ELK PROPERTY
MAGNETOMETER SURVEY
SCALE 1" = 800'
1600'

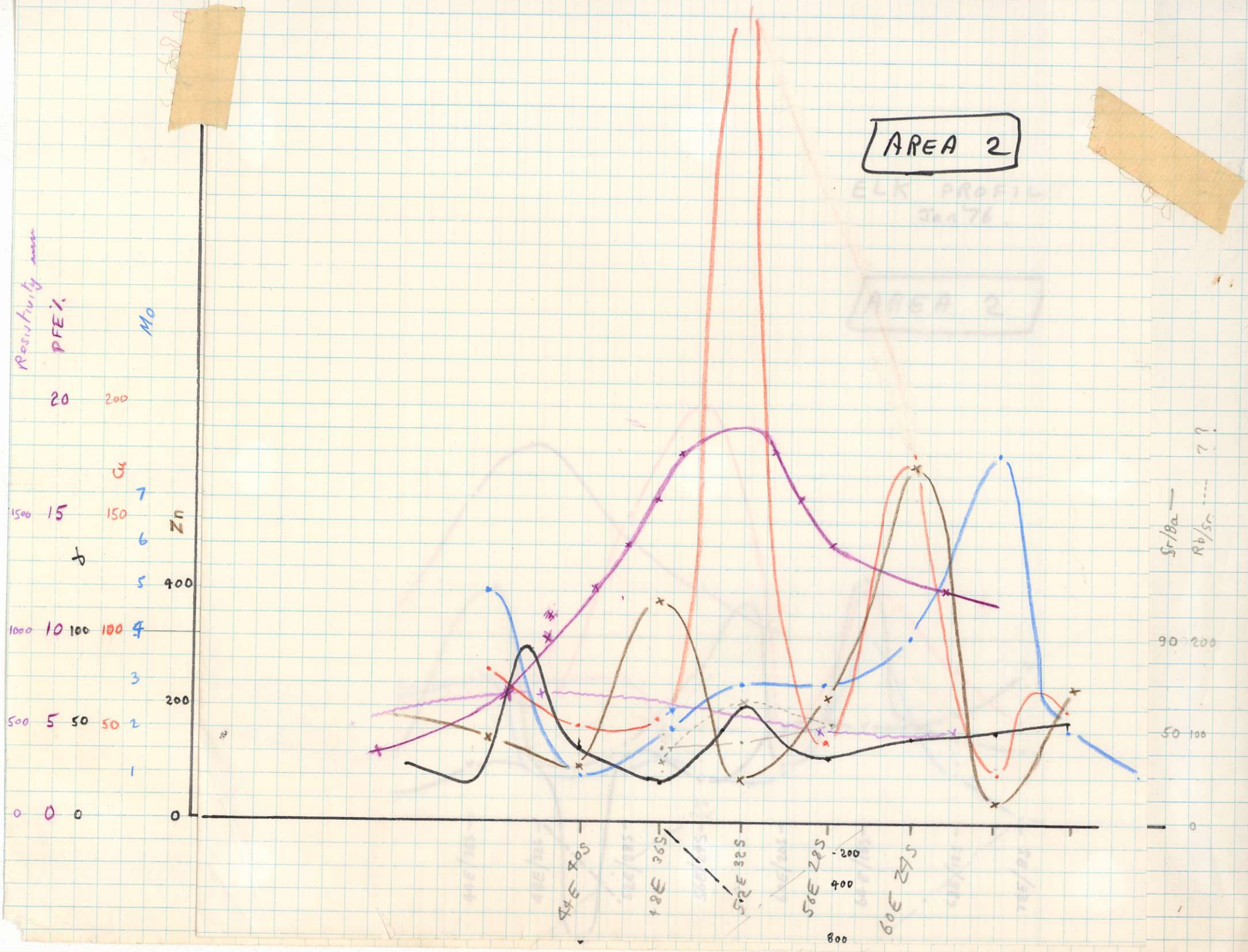

Tp 35
Tp 34
QUATSINO
Tp 23
SHUSHARTIE
PROVINCIAL
Tp 22
NAHWITTI
RIVER
SHUSHARTIE SADDLE
RIVER
FOREST
Shushartie
Lake
STRANBY
PROVINCIAL
FOREST
Tp 36
Tp 33
Tp 24
SHUSHARTIE MTN.
Lake of the Mountains
Nahshutti
Tp 36
Tp 33
PROVINCIAL
Tp 37
RIVER
Holberg
R.C.A.F. Station
HOLBERG
MT HANSEN

ELK.
TOTAL METAL EFFECT
Jan 76.
AREA 2

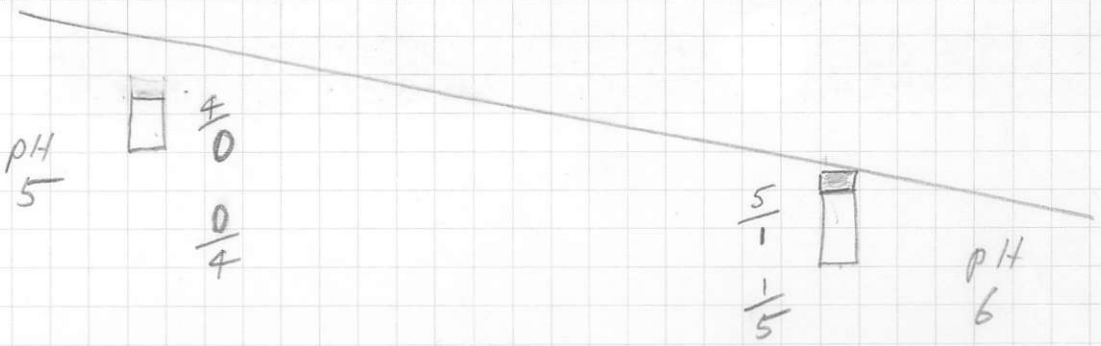
ELK
Jan 75

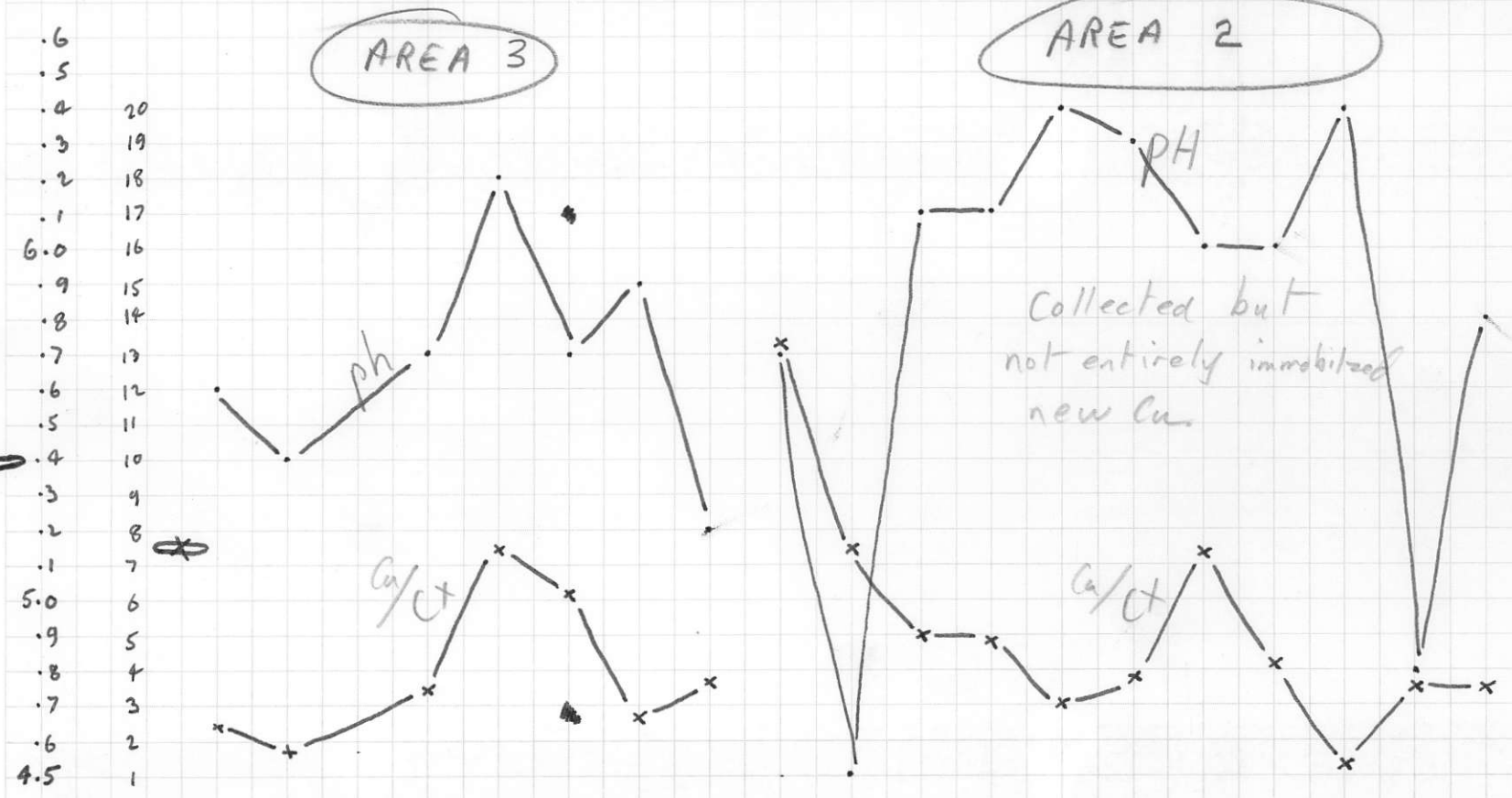
AREA 2




AREA 2
Resistivity meas
PFE %
Mo
Zn
Cu
Pb
Sr/Ba
Rb/Sr
44E 40S
48E 36S
52E 32S
56E 28S
60E 24S
- 200
400
800

pH Cu/cxCu





CHEVRON STANDARD LIMITED

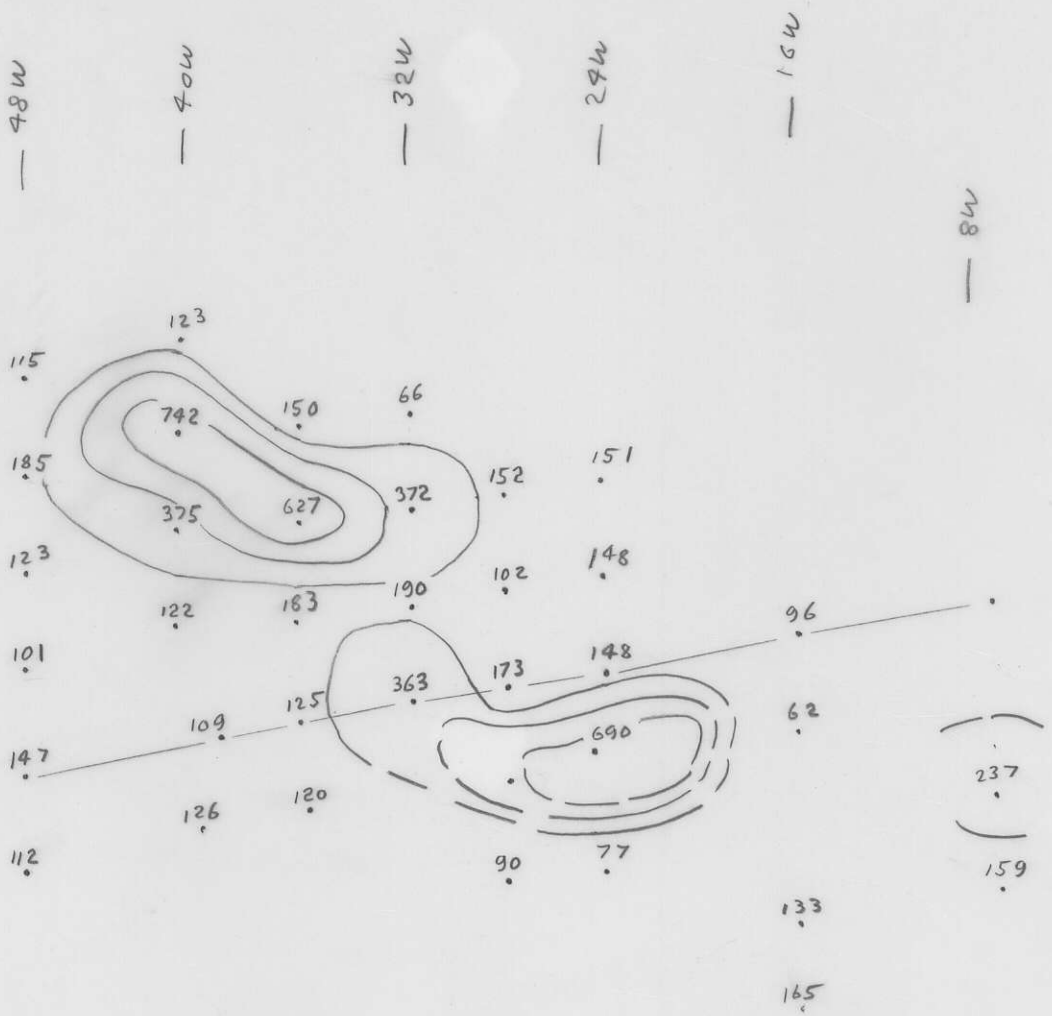
FILE BY PAGE OF

PROJECT DATE

SUBJECT

PRO-27-C5 (9/64)

ELK
Jan 76



ELK
TOTAL METAL
EFFECT
Jan 76

Area 3

	8W			16W				24W				
	0S	8S	12S	0S	4S	12S	16S	8N	4N	0	4S	8S
METAL EFFECT												
Cu		170	106	53	25	97	100	74	74	88	430	63
Cucx							1	10	22	26	250	25
Cu − Cucx		~128	~79	~40	~19	~73	99	64	52	62	180	38
10 % Mo		20	20	20	20	10	10	30	40	30	250	10
Cu-Cucx + 10 % Mo		~148	~99	~60	~39	~83	~109	94	92	92	430	48
ARBIT. I. P. effect		all	X 1.6									
TOTAL METAL EFFECT		~237	~159	~96	~62	~133	~165	151	148	148	690	77
ALTERATION EFFECT												
Sr/Ba												
2 Rb/Sr												
Sr/Ba + 2 Rb/Sr												

	28W					32W				36W		
	8N	4N	0	4S	8S	12N	8N	4N	0	12N	8N	4N
METAL EFFECT												
Cu	87	33	104	-	42	53	184	135	320	99	475	101
Cucx		9	16		6	22	12	56	112		102	7
Cu − Cucx	~65	24	88		36	31	172	79	208	~74	373	94
10% Mo	30	40	20	-	20	10	60	40	20	20	20	20
Cu-Cucx + 10% Mo	~95	64	108		56	41	232	119	228	~94	393	114
ARBIT I.P. effect	all × 1.6											
TOTAL METAL EFFECT	~152	102	173		90	66	372	190	363	~150	627	183
ALTERATION EFFECT												
Sr/Ba												
2 Rb/Sr												
$Sr/Ba + 2\,Rb/Sr$												

	36W		40W						48W			
	0	45	16N	12N	8N	4N	0	45	16N	12N	8N	4N
METAL EFFECT												
Cu	67 9	74	67 8	535 80	220 36	72 16	54 6	72 13	82	142	89	71
Cucx												
Cu − Cucx	58	~55	57	455	184	46	48	59	~62	~106	~67	~53
10% Mo	20	20	20	10	50	30	20	20	10	10	10	10
Cu-Cucx + 10% Mo	78	~75	77	465	234	76	68	79	~72	~116	~87	~63
ARBIT. I.P. effect	all × 1.6											
TOTAL METAL EFFECT	125	~120	123	742	375	122	109	126	~115	~185	~123	~101
ALTERATION EFFECT												
Sr/Ba												
2 Rb/Sr												
$Sr/Ba + 2\,Rb/Sr$												

48W

	0	45
METAL EFFECT		
Cu	120	80
Cucx	38	
Cu − Cucx	82	~60
10% Mo	10	10
Cu-Cucx + 10% Mo	92	~70
ABBIT I. P. effect	all	x 1.6
TOTAL METAL EFFECT	147	~112
ALTERATION EFFECT		
Sr/Ba		
2 Rb/Sr		
Sr/Ba + 2 Rb/Sr		

CHEVRON STANDARD LIMITED

FILE _____ PROJECT _____ BY _____ PAGE _____ OF _____ DATE _____

ELK
TOTAL METAL EFFECT

			Cum	% Cum
0-24				
25-	✓			
50-	✓✓✓✓✓✓✓✓✓	0-49	82	100
75-	✓✓✓✓✓✓✓	50- 19	81	99
100-	✓✓✓✓✓✓✓✓✓✓✓✓✓	100- 28	62	75.8
125-	✓✓ ✓✓✓✓ ✓✓✓✓✓	150- 14	34	41.5
150-	✓✓✓✓✓	200- 3	20	24.4
175-	✓✓ ✓✓✓✓✓✓	250- 7	17	20.7
200-	✓✓	300- 3	10	12.2
225-	✓	350- 1	7	8.5
250-	✓✓✓✓✓	400- 2	6	7.3
275-	✓✓	+450- 4	4	4-9
300-	✓✓			
325-	✓			
350-	✓			

674, 1993, ~~920~~, ~~915~~, 741, 727

SUBJECT

		Cum	% Cum
0-9			
10-			
20-			
30-			
40-			
50-	✓✓	55- 2	63 100.
60-	✓ ✓✓✓✓✓✓✓	65- 9	61 96.8
70-	✓✓✓✓ ✓✓✓✓✓ ✓✓✓✓ ✓✓✓✓ ✓✓✓✓	75- 24	52 82.5
80-	✓✓✓✓✓✓ ✓✓✓✓✓	85- 11	28 44.4
90-	✓✓✓✓✓	95- 5	17 27.0
100-	✓✓✓✓	105- 4	12 19.1
110-	✓✓✓	115- 3	8 12.6
		+120 5	5 8.0

165, 157, 142, 172, 143

Dec 75

CHEVRON STANDARD LIMITED

PAGE ____ DATE ____ BY ____ FILE ____ PROJECT ____ SUBJECT ____

Cu Cx / Cu

ELK

Ratio of $\left(\frac{Cu\ total}{Cu\ Cx}\right)$

	Tot.	Cum Tot.	% Cum
0 - 1.9	5	141	100.0
2 -	60	136	96.5
4 -	31	76	54.0
6 -	19	45	32.0
8 -	12	26	18.5
10 -	2	14	10.0
12 -	5	12	8.5
14 -	3	7	5.0
16 -	2	4	2.8
25.0, 41.7		2	1.4

ELK $\left(\frac{Sr}{Ba} \times 100\right)$

	Tot.	Cum Tot.	% Cum
0-19	16	137	
20-	35	121	88.4
40-	60	86	62.8
60-	20	26	19.0
80-	3	6	4.4
100-			
120-	1	3	2.2
140-			
160-	1	2	1.5
& 205	1	1	

ELK $\left(\frac{Rb}{Sr} \times 100\right)$

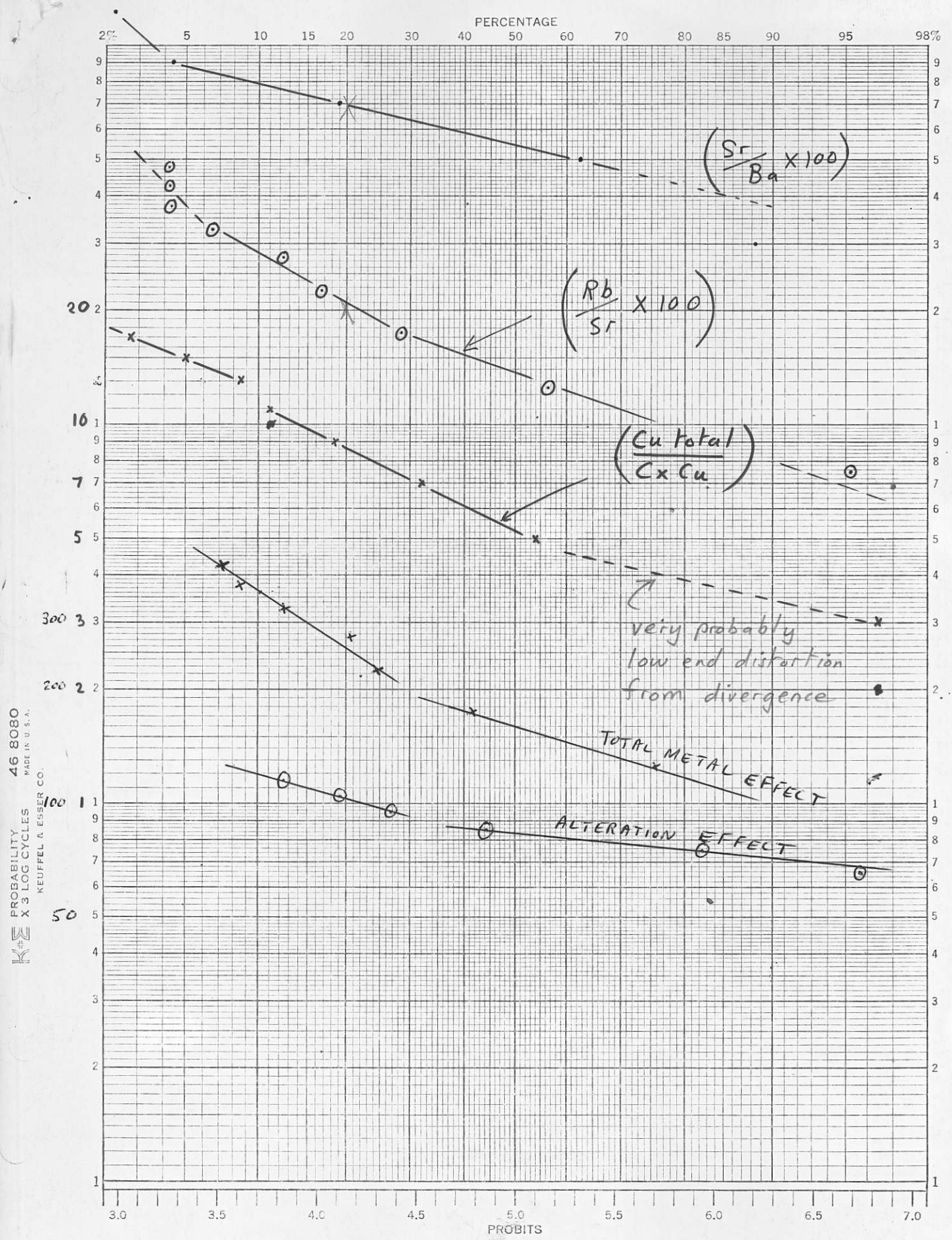
	Tot.	Cum Tot.	% Cum
0-4.9	7	137	
5-	53	130	95.2
10-	38	77	56.2
15-	16	39	28.5
20-	6	23	[illegible]
25-	8	17	12.4
30-	3	9	6.6
35-	0	6	4.4
40-	0	6	4.4
45-	4	6	4.4
50-	2	2	
55-			
87.0			

230
350

134
92
226

PRO-27-CS (1976)

ELK.


PERCENTAGE
2% 5 10 15 20 30 40 50 60 70 80 85 90 95 98%
PROBITS
3.0 3.5 4.0 4.5 5.0 5.5 6.0 6.5 7.0
(Sr/Ba X100)
(Rb/Sr X100)
(Cu total / Cx Cu)
very probably low end distortion from divergence
TOTAL METAL EFFECT
ALTERATION EFFECT
PROBABILITY
X 3 LOG CYCLES
KEUFFEL & ESSER CO.
MADE IN U.S.A.
46 8080

ELK
Jan 76

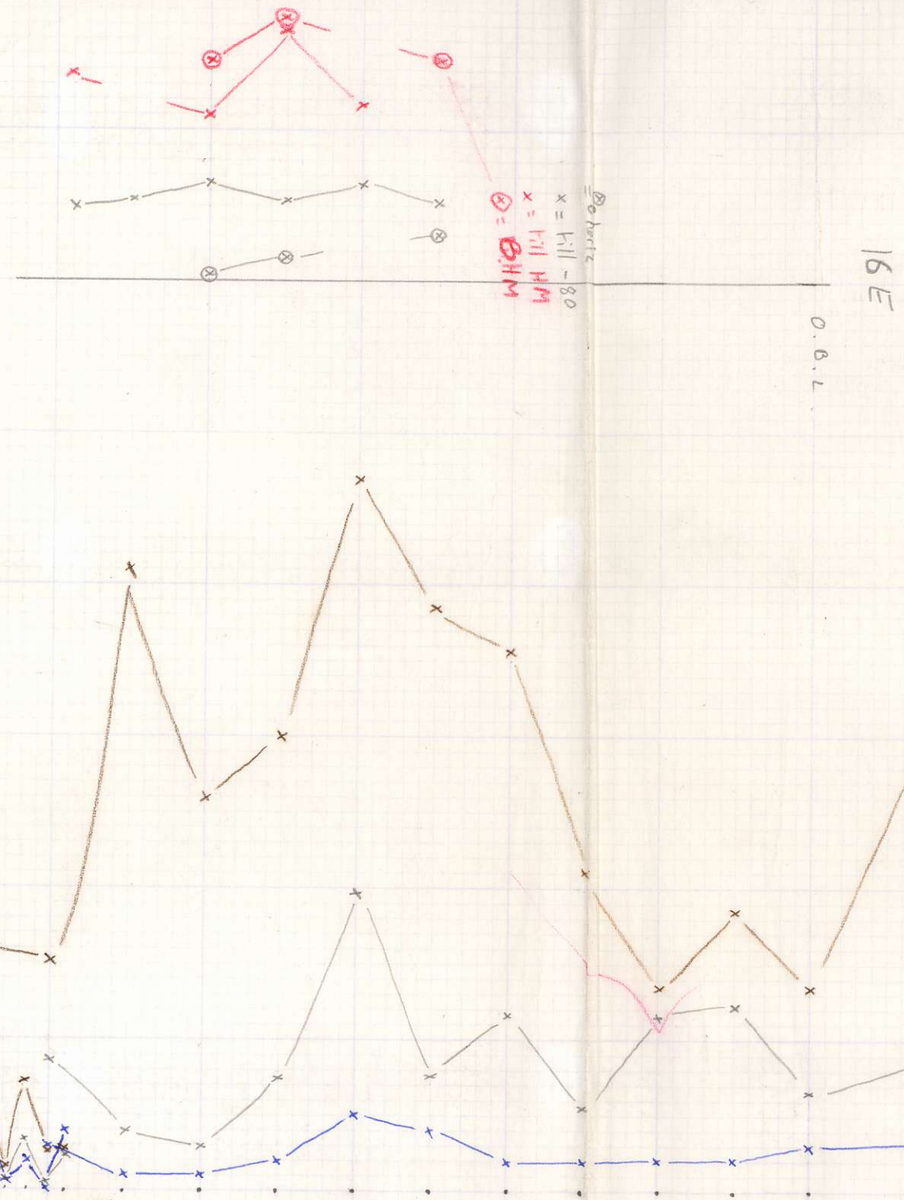
	MISC		60E						32E	16E					64E			
	56E/12S		12S	16S	20S	24S	28S	32S	36S	4S	8S	12S	16S	20S	20S	24S	28S	32S
METAL EFFECT																		
Cu	36	8	40	36	48	163	110	89	40	78	95	53	84	51	26	66	51	47
Cucx									11									
Cu − Cucx	28		~30	~27	~36	~122	~83	~67	29	~58	~71	~40	~63	~38	~19	~50	~38	~35
10 Mo	10		0	10	10	40	40	40	10	10	20	0	10	0	80	0	20	20
Cu-Cucx + 10 Mo	38		~30	~37	~46	~162	~123	~107	39	~68	~91	~40	~73	~38	~99	~50	~58	~55
I.P. effect	16	1.84	16	12	12	13	16	18	8	9?	14?	10?	12?	10?	12?	13?	15?	18?
	1.84		1.84	1.90	1.90	1.90	1.84	1.73	1.68	1.78	1.89	1.85	1.90	1.85	1.90	1.90	1.86	1.73
TOTAL METAL EFFECT	70		~55	~70	~87	~308	~224	~185	65	~70	~172	~74	~136	~70	~188	~95	~108	~95
ALTERATION EFFECT																		
Sr/Ba																		
2 Rb/Sr																		
Sr/Ba + 3 Rb/Sr																		

	24E							28E								32E			
	0	4S	8S	12S	16S	20S	24S	0S	4S	8S	12S	16S	20S	24S	28S	0S	4S	8S	12S
METAL EFFECT																			
Cu	52	—	300	64	176	112	—	51	112	1100	59	62	95	28	206	66	121	116	66
Cucx	11		25	22	54	80		6	8	120	8	12	10	1	24	5	16	23	14
Cu − Cucx	41		275	42	122	32		45	104	980	51	50	85	27	182	61	105	93	42
10 Mo	20		80	10	30	20		50	30	140	20	20	20	50	30	30	20	20	20
Cu-Cucx + 2/10 Mo	62		355	52	152	52		95	134	1120	71	70	105	77	212	91	125	113	62
I.P. effect	17		12	10	12	12		14	14	17	13	13	13	12	8	14	15	16	14
	1.78		1.90	1.83	1.90	1.90		1.90	1.90	1.78	1.90	1.90	1.90	1.90	1.70	1.90	1.85	1.83	1.90
TOTAL METAL EFFECT	110		674	95	289	99		180	255	1993	134	133	199	146	360	172	231	207	118
ALTERATION EFFECT																			
Sr/Ba	~30		48	57	66	~30		95	55	24	32	34	41	37	28	~17	~12	~26	52
2 Rb/Sr	~11.4		8.5	7.7	8.5	~45.0		5.9	10.0	16.8	11.5	17.7	12.0	9.3	27.4	~16.3	~26.4	~17.6	8.7
	~34.2		25.5	22.8	25.5	135.0		17.7	30.0	50.4	34.5	53.1	36.0	27.9	82.2	~48.9	~79.2	~52.8	20.1
Sr/Ba + 3 Rb/Sr	~64		73	79	91	~165		113	85	74	66	87	77	67	110	~66	91	78	72

	32E					36E									40E				
	16S	20S	24S	28S	32S	0S	4S	8S	12S	16S	20S	24S	28S	32S	0S	4S	8S	12S	16S
METAL EFFECT																			
Cu	116	77	198	74	30	72	61	193	123	70	71	45	68	77	111	50	58	101	102
Cucx	39	20	27	—	24	19	8	27	10	—	4	6	13	35	32		12	42	41
Cu − Cucx	77	57	171	~50	6	53	53	166	113	60	67	39	55	42	79	40	46	59	61
10 Mo	20	40	50	20	10	50	20	20	40	30	10	20	60	0	20	10	20	50	40
Cu-Cucx + 10/3 Mo	97	97	221	~70	16	103	73	186	153	~90	77	59	115	42	99	~50	66	109	101
I.P. effect	14	13	12	8	8	17	18	18	14	14	14	11	8	10	20	20	18	17	17
	1.90	1.90	1.90	1.70	1.70	1.78	1.73	1.73	1.90	1.90	1.90	1.88	1.70	1.83	1.60	1.60	1.73	1.78	1.78
TOTAL METAL EFFECT	184	184	420	~119	272	183	127	322	291	~170	146	111	195	77	158	~80	114	194	180
ALTERATION EFFECT																			
																44	45	46	58
Sr/Ba	14	36	21	—	23	50	46	55	43	48	48	93	16	36		10.3	10.6	8.7	7.1
	30.8	13.2	10.8	—	28.7	14.6	11.0	9.1	7.2	7.5	7.5	4.6	25.1	10.6					
2 Rb/Sr	92.4	39.6	32.4		86.1	43.8	33.0	27.3	21.6		22.5	13.8	75.3	31.8		30.9	31.8	26.1	21.3
Sr/Ba + 3 Rb/Sr	106	76	53		109	74	79	82	65		70	107	91	68		75	77	72	79

	40E				44E										48E				
	20S	24S	28S	32S	4S	8S	12S	16S	20S	24S	28S	32S	36S	40S	8S	12S	16S	20S	24S
METAL EFFECT																			
Cu	144	60	20	67	42	70	82	65	86	56	72	83	64	52	39	80	38	84	220
Cucx	32	8	10	10			32	26	23	20	20	38	40			14	7	8	23
Cu − Cucx	112	52	10	57	35	50	50	39	63	36	52	45	~40	~35	~30	66	31	76	197
10 Mo	30	30	10	20	10	20	10	10	10	10	10	30	30	10	10	10	10	10	30
Cu-Cucx + 10 Mo	142	82	20	77	~45	~70	60	49	73	46	62	75	~70	~45	~40	76	41	86	227
I.P. effect	14	10	10	13	22	20	16	20	14	10	12	18	14	13	18	18	19	12	10
	1.90	1.83	1.83	1.90	1.48	1.6	1.83	1.6	1.90	1.83	1.90	1.73	1.90	1.90	1.73	1.73	1.67	1.90	1.83
TOTAL METAL EFFECT	270	150	36	146	~67	~112	110	78	138	84	118	130	~93	~85	~70	131	68	163	415
ALTERATION EFFECT																			
Sr/Ba	55	49	25	31			19	~36	44	54	47	50				42	121	162	66
	10.4	8.2	44.0	19.0			18.8	~19.5	9.4	5.4	8.7	8.8				6.9	6.9	3.2	6.7
2 Rb/Sr	31.2	24.6	132.0	57.0			56.4	~58.5	28.2	16.2	26.1	26.4				20.7	20.7	9.6	20.1
Sr/Ba + 3 Rb/Sr	86	74	157	88			75	~94	72	70	73	76				63	142	172	86

	48E				52E								56E						
	28S	32S	36S	40S	12S	16S	20S	24S	28S	32S	36S	40S	16S	20S	24S	28S	32S	36S	40S
METAL EFFECT																			
Cu	72	59	55	32	74	83	77	640	152	420	69	70	83	68	200	44	74	76	62
Cucx	26	4	20		9	32	33	290	19	30	13		38	10	37	17	14	18	
Cu − Cucx	46	55	35	~25	65	51	44	350	133	390	56	~60	45	58	163	27	60	58	~50
10 Mo	10	10	20	10	20	10	10	40	10	30	0	20	90	10	10	30	10	0	10
Cu-Cucx + 10/3 Mo	56	55	55	~35	85	61	54	390	143	420	56	~80	135	68	173	57	70	58	60
I.P. effect	15	19	15	12	19	16	11	12	16	18	15	12	13	12	12	16	18	16	12
	1.86	1.67	1.86	1.90	1.67	1.83	1.90	1.90	1.83	1.73	1.86	1.90	1.90	1.90	1.90	1.83	1.73	1.83	1.90
TOTAL METAL EFFECT	104	92	102	~66	142	117	103	741	262	727	104	~152	256	129	329	104	121	106	114
ALTERATION EFFECT																			
Sr/Ba	44	52	42		31	32	27	14	66	45	44		~13	40	36	53	41	39	
2 Rb/Sr	24.4	10.8	7.0		6.9	16.5	17.2	31.0	5.9	12.9	9.1		~43.5	9.5	14.9	10.9	9.6	13.9	
	73.2	32.4	21.0		20.7	49.5	51.6	93.0	17.7	38.7	27.3		~130.5	28.5	54.7	32.7	28.8	38.7	
Sr/Ba + 3 Rb/Sr	117	84	63		52	81	78	107	84	84	71		143	68	91	86	70	78	



ELK
PROFILES
(facing W)
Nov. 74

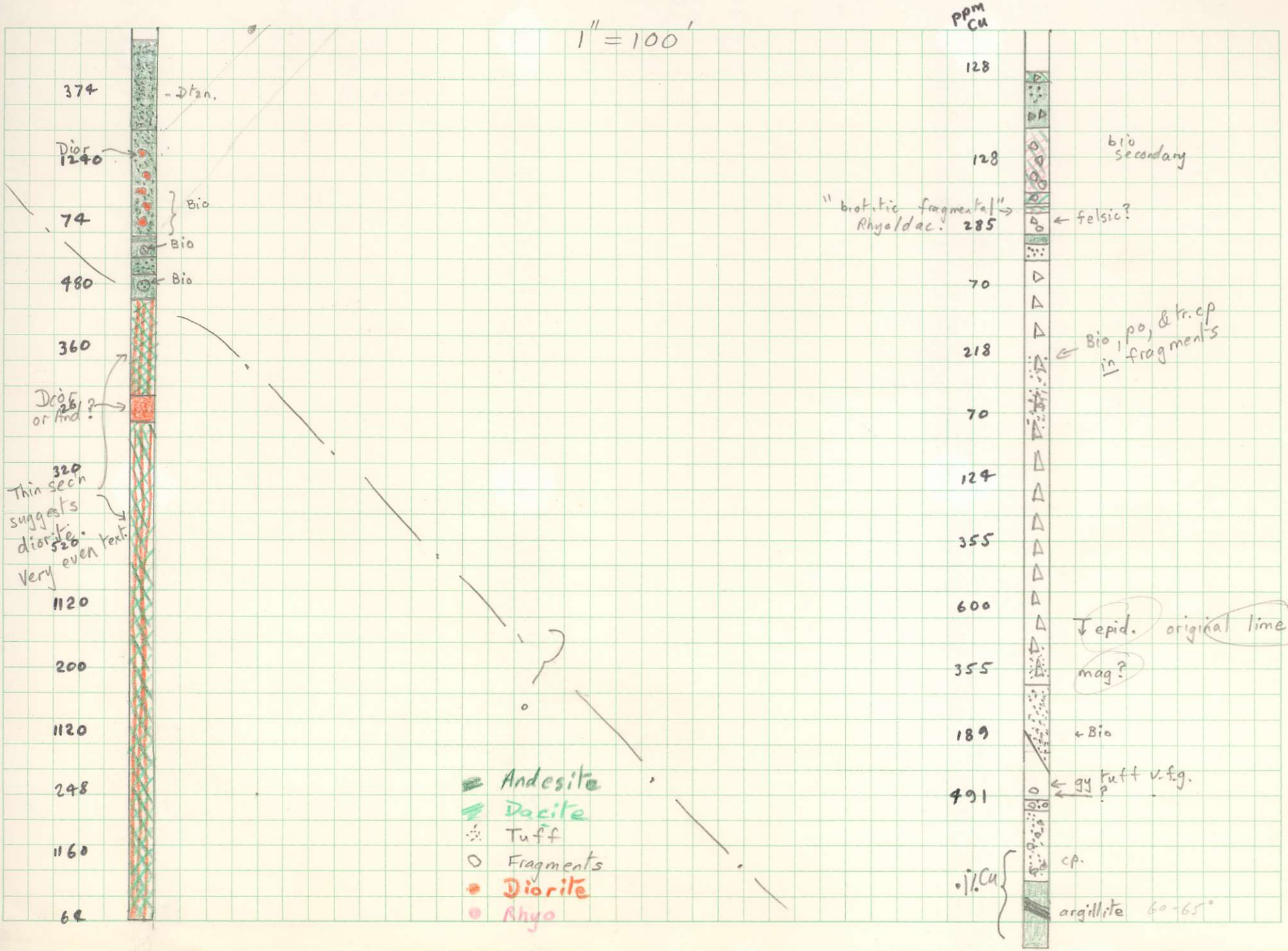
#4

ELK DRILL HOLES

B. P. Logging

#1

1" = 100'

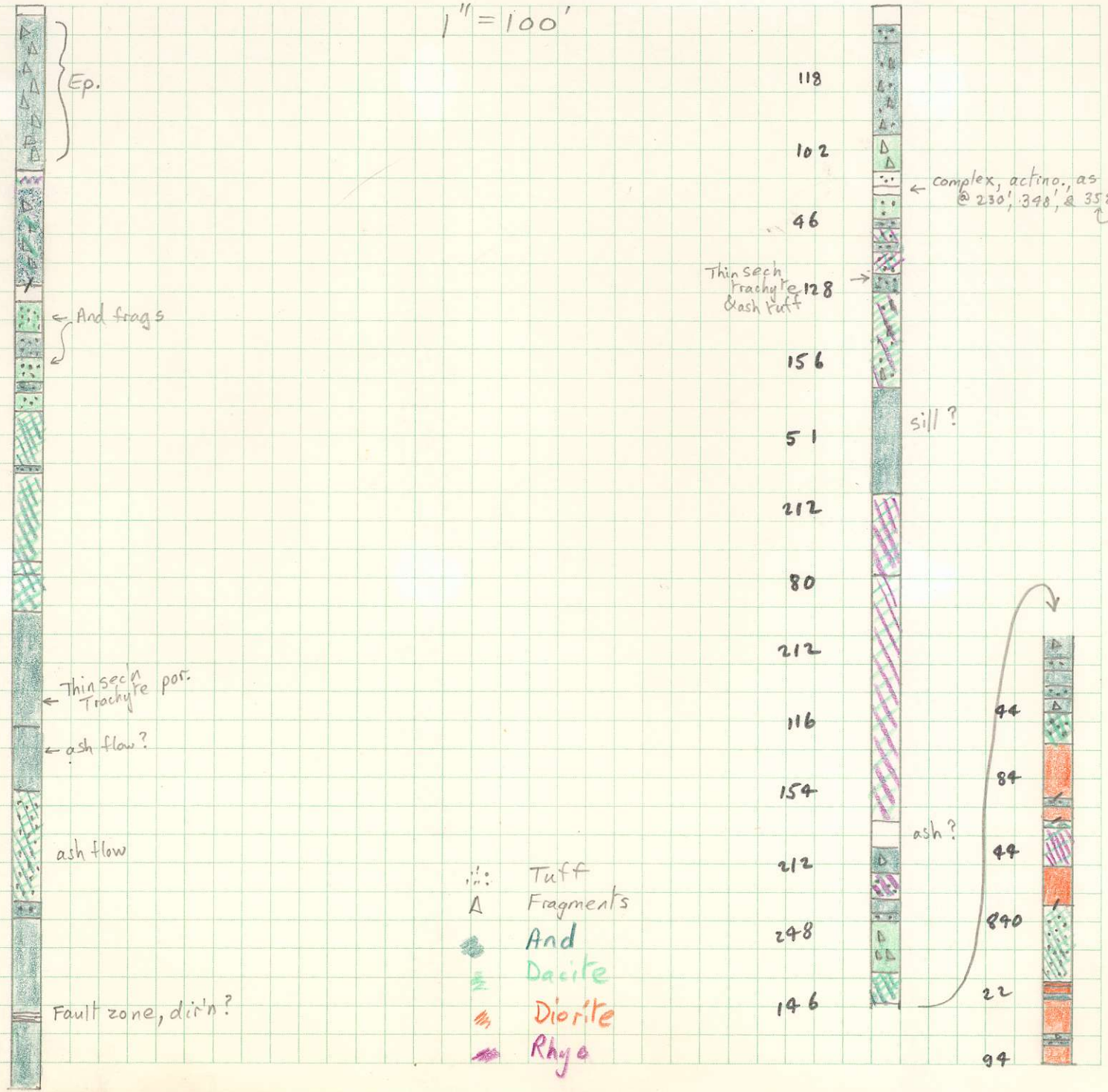


PRO 27-1-C8 (12/67)

ELK DRILL HOLES

B. P. Logging

1" = 100'



FILE _____ BY _____ PAGE _____ OF _____

PROJECT _____ DATE _____

SUBJECT _____

CHEVRON STANDARD LIMITED

PRO-27-CS(9/84)

CHEVRON STANDARD LIMITED

FILE _____ BY _____ PAGE _____ OF _____

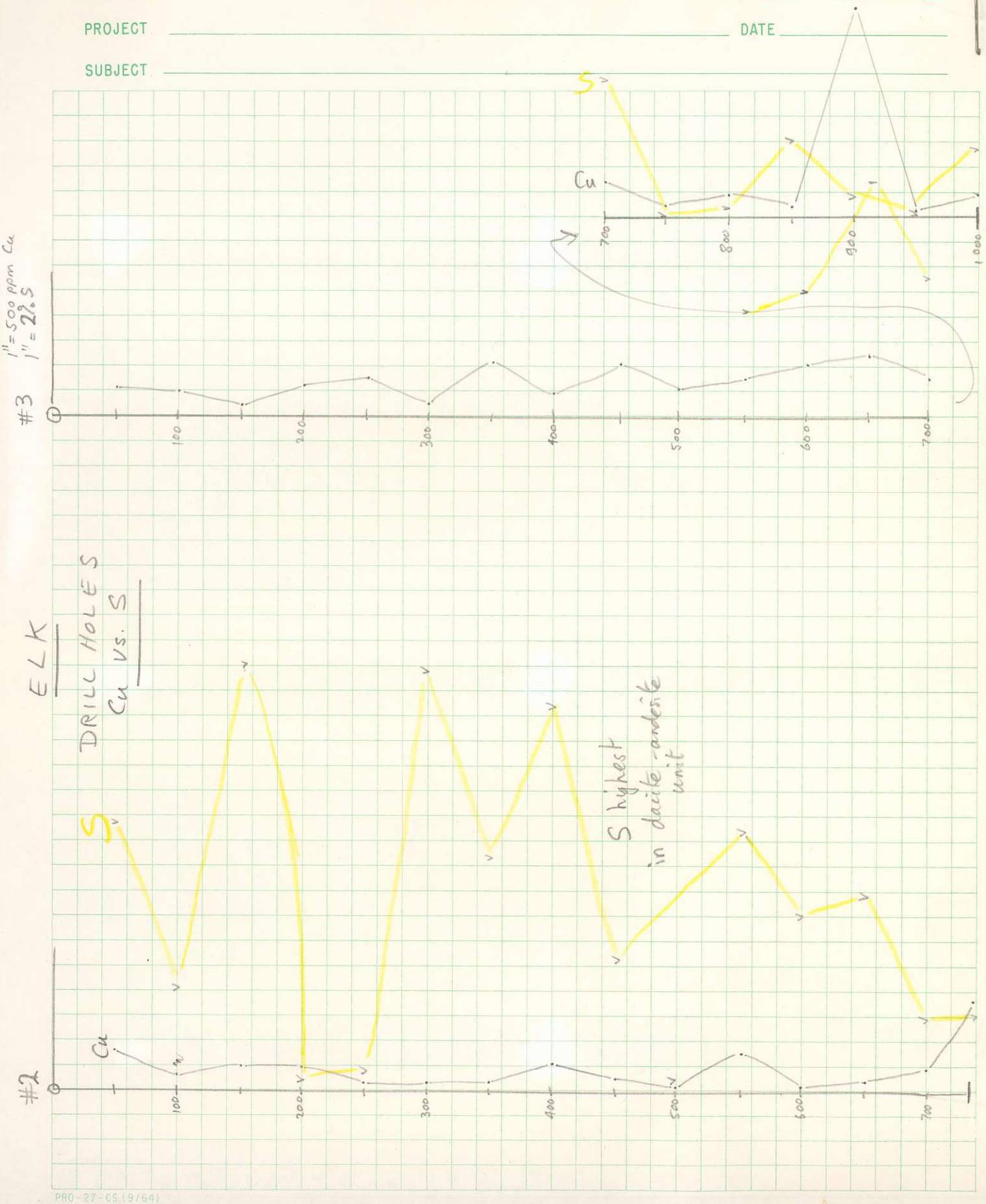
PROJECT _____ DATE _____

SUBJECT _____

ELK

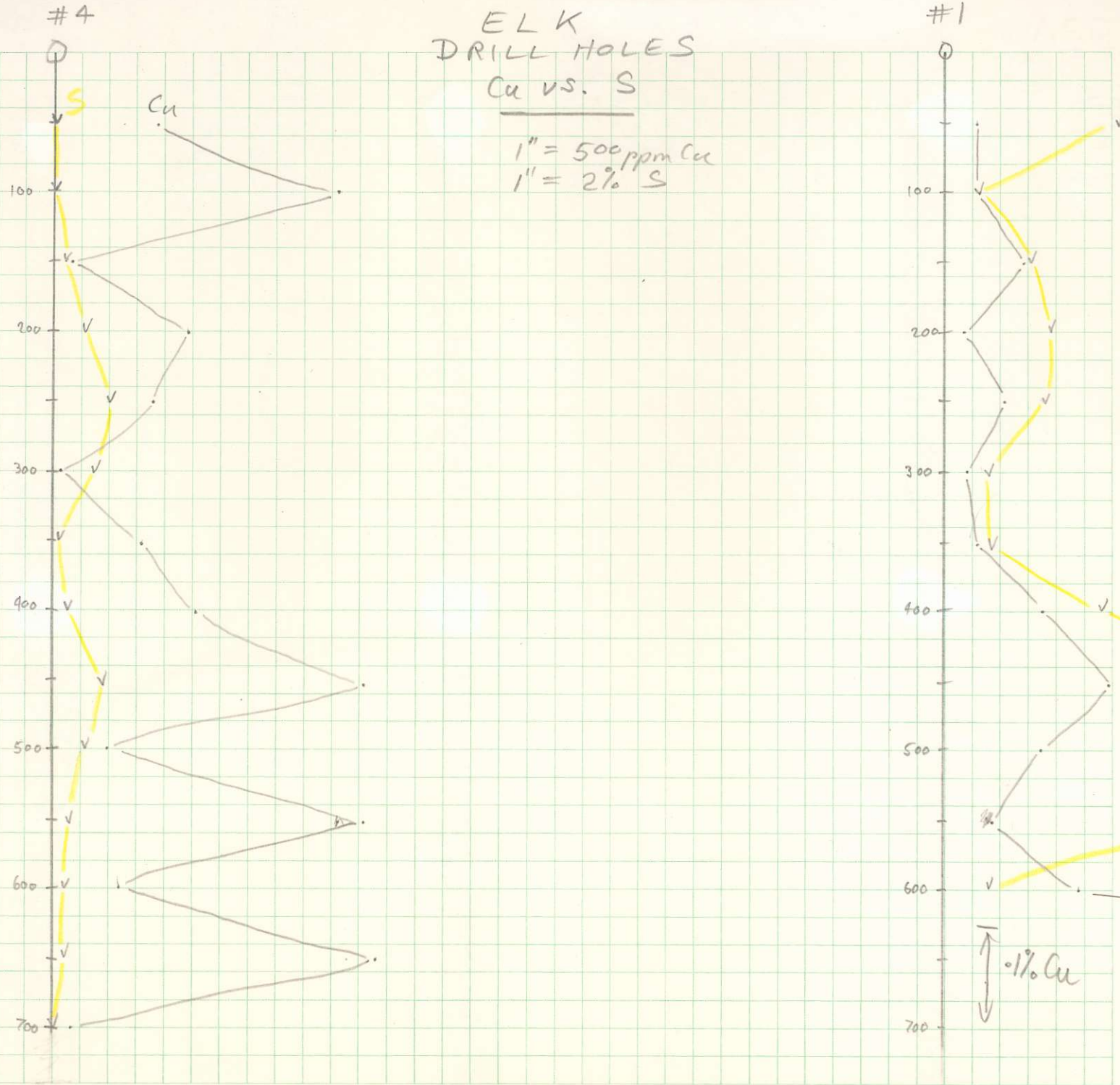
DRILL HOLES

Cu vs. S



ELK
DRILL HOLES
Cu vs. S

1" = 500 ppm Cu
1" = 2% S



CHEVRON STANDARD LIMITED

FILE _____ BY _____ PAGE _____ OF _____
PROJECT _____ DATE _____
SUBJECT _____

PRO-27-CS (9/64)