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Paul Eimon
Mgr. Exploration
Essex Int'l.
Tuscon, Ariz.

Dear Paul,
Sorry for the delay in sending this data. Look it over + let me know what you think. I typed out a blurb, enclosed, but it would be better to get together + exchange ideas, hopefully on the property. I will look forward to hearing from you, meanwhile I'm working on another area near Milford which may be interesting.

Regards
Ted Posey

McCulley Property

Property Ownership G. A. McCulley, Milford, Utah and E. F. Posey, Salt Lake City, Utah. Property consists of 49 unpatented mining claims and a Utah State Metalliferous Mineral Lease on Sec. 36, T26S, R12W (School section). Parts of property have been held by McCulley since 1961.

Geologic References - Barosh, P.J., 1960, Beaver Lake Mountains, Beaver County, Utah, Their Geology and Ore Deposits: Utah Geol. and Mineral. Survey, Bull. 68, 96 pages. Livingston, D. E., 1959, Geology of the Beaver Lake Mountains, Beaver County, Utah; University of Arizona, M. S. Thesis, unpublished.

The property has two interesting areas;

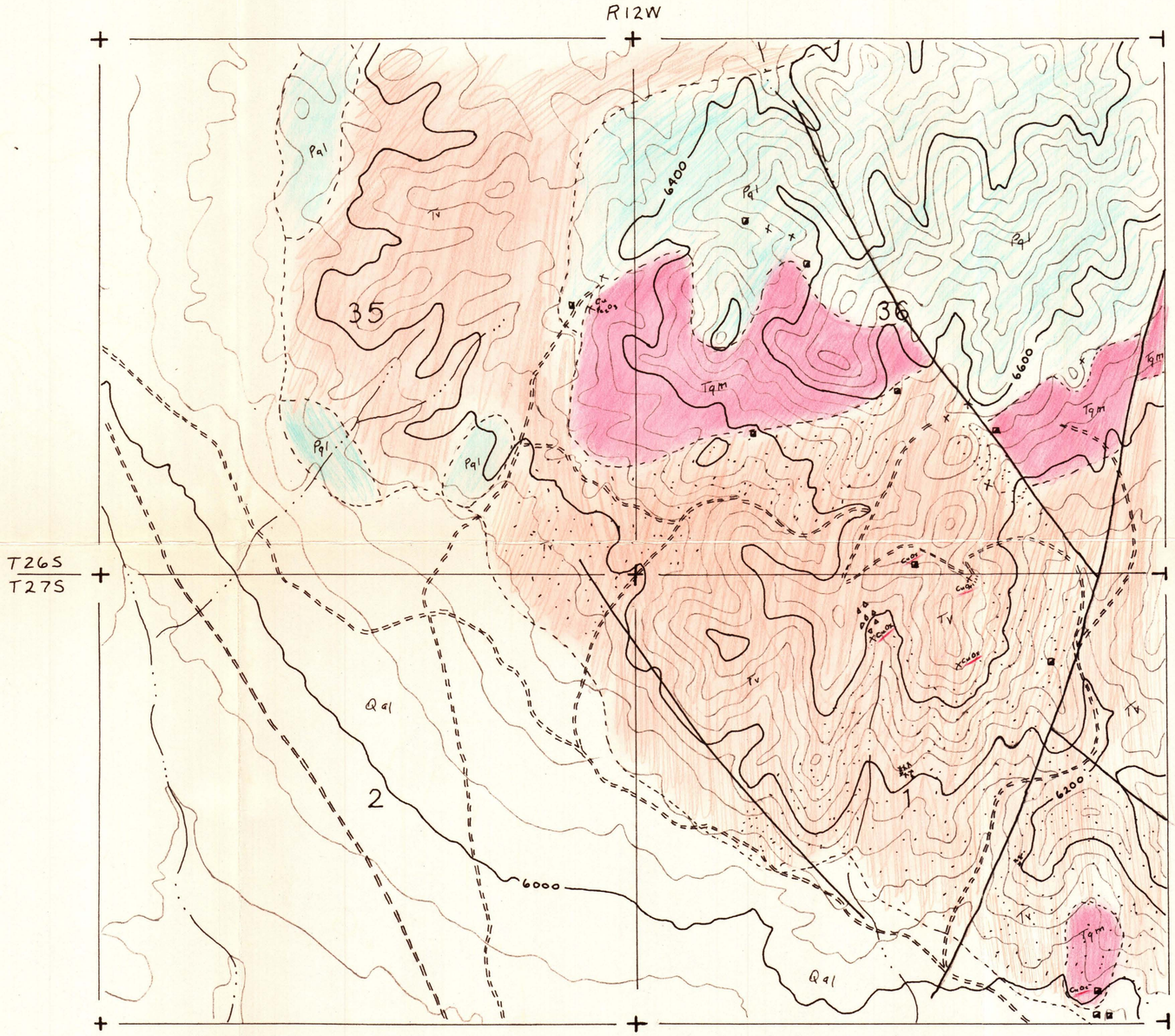
First priority- Hilltopper group - Copper (CuOx) exists in intrusive exposed in southeast corner of Section 1. Aeromag high in this area trends beneath highly altered volcanics in Hilltopper claim group. Copper oxides are exposed in a few places in the altered volcanics, possibly shear zones. Geochem data show sporadic moly highs. Further work should include more ground mag and I. P.,the I. P. should be looking at a depth of at least 500 feet, with a line spacing of 500 feet. These lines should be oriented north-south and cover the area of the anomaly in Section 1. Possible target would be structure similar to O.K. mine to the east, or mineralization in the volcanics at depth. Note - O.K. structure strikes N80W, projecting along the north flank of the aeromag hi in Section 1.

The depth of the intrusive in Section 1, which is felt to be the cause of the anomaly, is calculated to be no more than 500 feet deep.

Second priority - Ajax group - there is a chance for a contact magnetite-copper deposit in this area... near the boundary between Section 35 and 36. Magnetite-copper outcrops ~~and~~ has been uncovered by dozing. At this stage, a detailed ground mag survey is needed, although this limestone is not the same limestone as that which makes this type of substantial deposit in the Milford area. Interesting note - Silicified breccia exposed through volcanics in this area carried 40 ppm moly from Duvals' sampling. They thought they recognized the mineral akaganite (?).

There has been no known drilling anywhere in the two claim groups or the school section. Existing roads and prospect pits have been made by McCulley in the course of doing assessement work over the years. Bear Creek had some of the ground in "60-61, etc., but dropped it. Geochem data acquired by Duval on basis of 6 week free option in Feb.-Mar. of "71.

Any deal made on the property would consist of a free period with a work committment. This committment to consist of ultimately some drilling, followed by advance minimum royalties, preferably on an escalating basis, to apply to an eventual buy-out.



N

EXPLANATION

Quaternary

- Qal — Alluvium

Tertiary

- Tqm — Quartz Monzonite
- Tv — Volcanics (mostly Andesites)

Ordovician?

- Pal — Undifferentiated Paleozoic Limestone

- Breccia float
- Tourmaline
- Alteration (varying degrees)
- Shafts and prospects
- Contact
- Fault

Geology adapted from Barosh, 1960 and Livingston, 1959

GENERALIZED GEOLOGY

Mc Culley Property

Beaver Lake Mountains

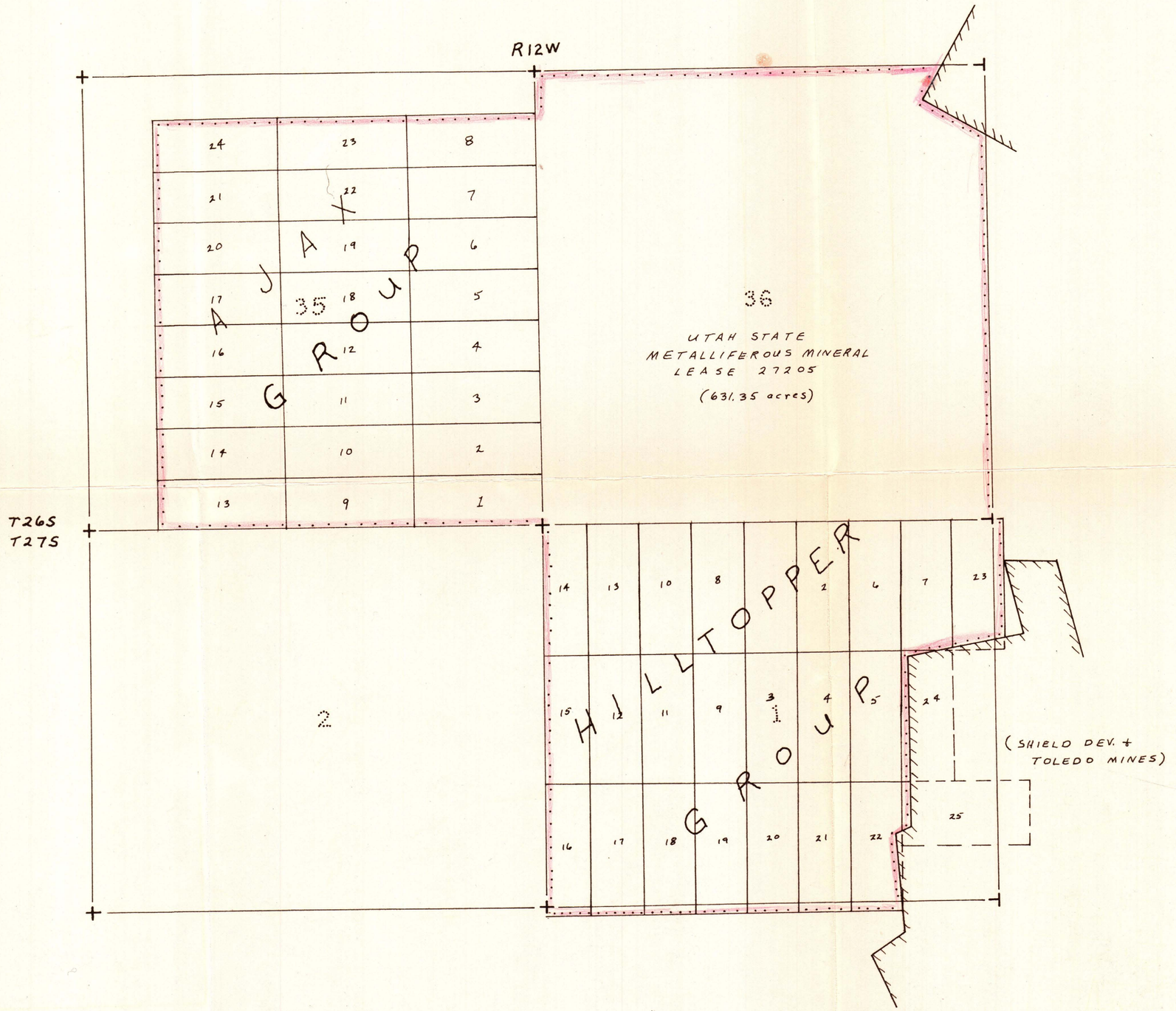
Beaver County, Utah

Scale: 1 inch = 1,000 feet

0 500 1500 2500 3500 4000 feet

T.P. '91

Milford Area



Mc Culley boundary

Patented claim boundary

PROPERTY MAP

Mc Culley Property

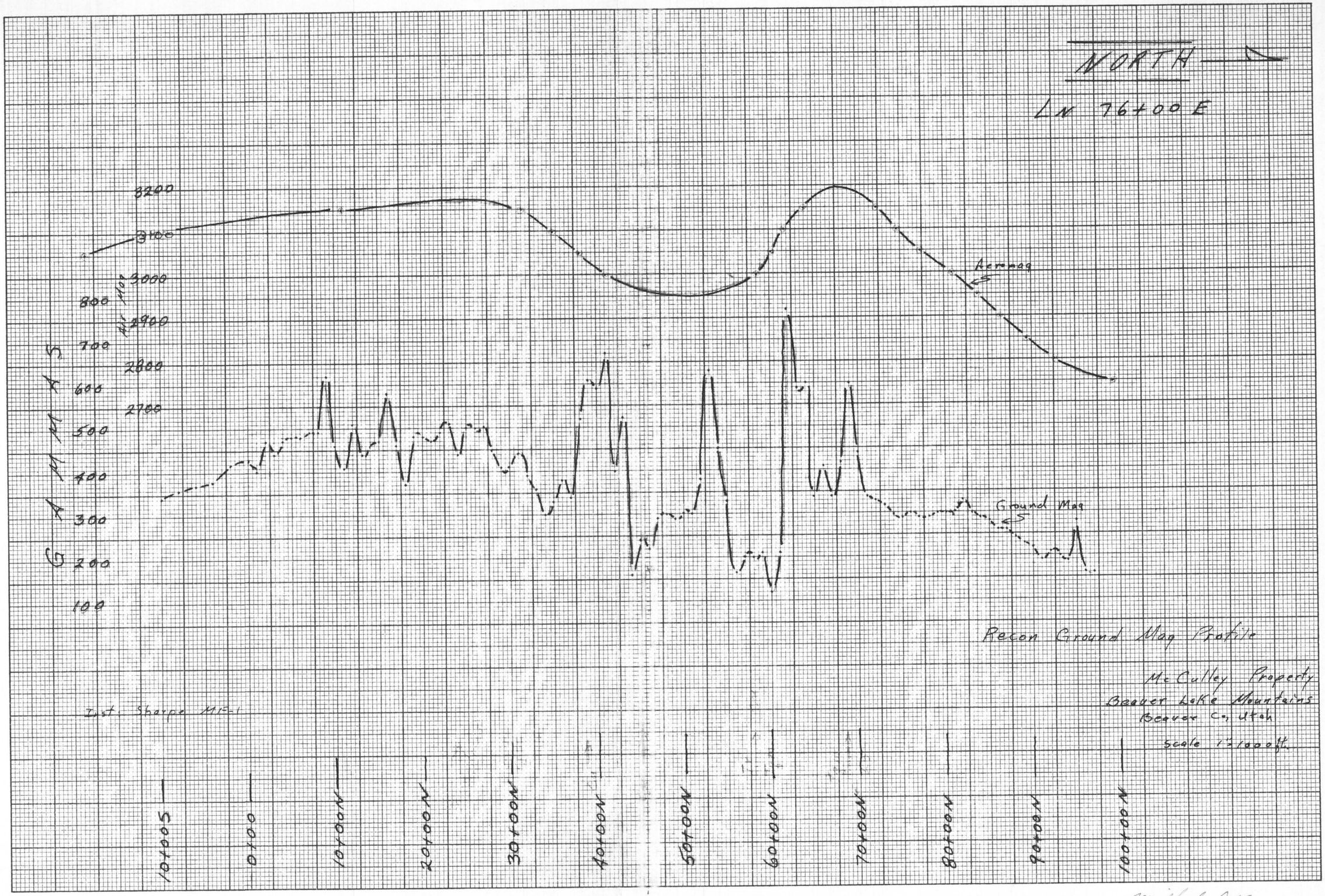
Beaver Lake Mountains

Beaver County, Utah

Scale: 1 inch = 1000 feet

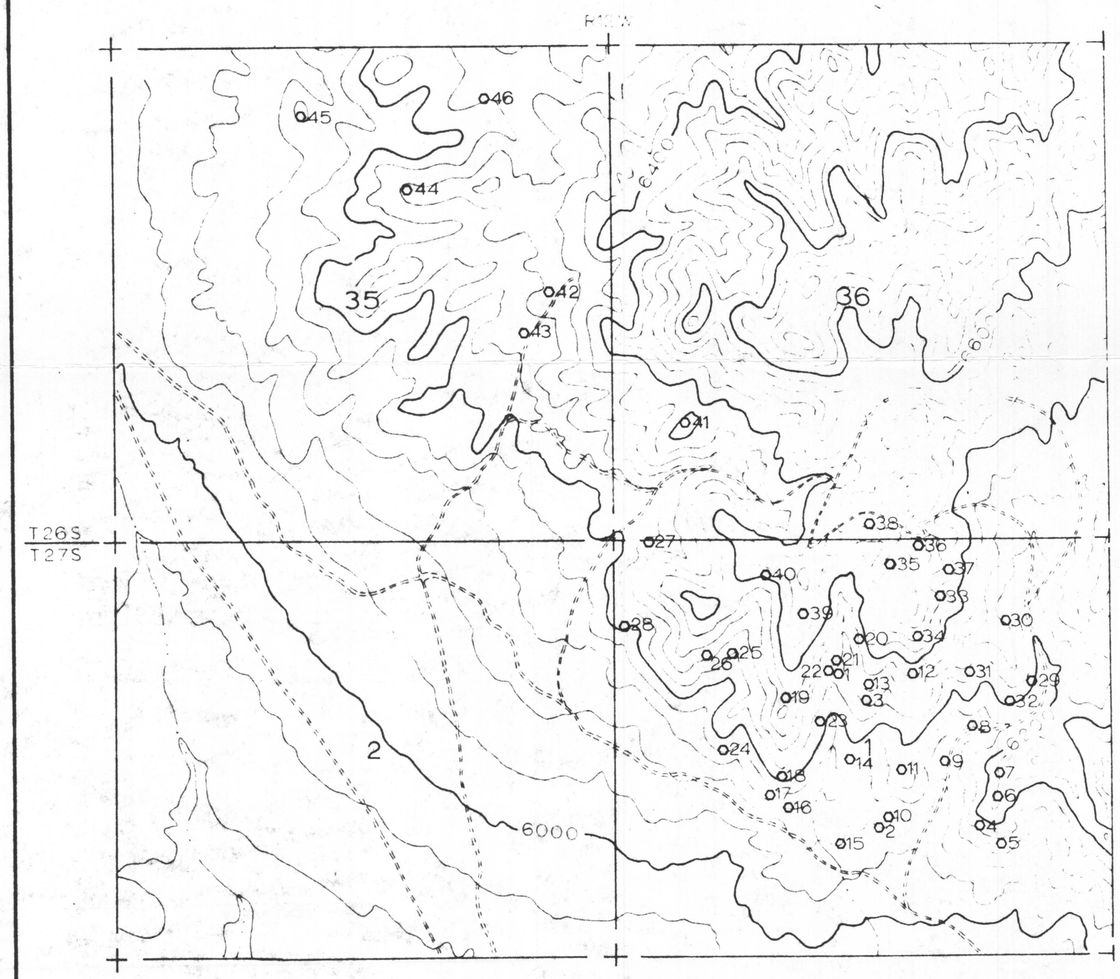
0 500 1000 1500 2500 3500 4000 feet

Milford Area



Milford Area

K+E 10 X 10 TO ½ INCH 47 1322
KEUFFEL & ESSER CO. 10 X 15 INCHES
MADE IN U.S.A.



ASSAY DATA in PPM									
SAMPLE	WIDTH	Cu	Mo	Pb	Zn			oz. Au	Ag
1		30	1						.7
2		30	8						.7
3		15	3						.7
4		125	25						.7
5		100	11						1.0
6		40	6						.3
7		25	5						1.0
8		25	2						.3
9		20	2						.3
10		19	5						.3
11		35	1						.3
12		25	6						.3
13		20	4						.3
14		20	9						.3
15		20	4						.3
16		25	20						.3
17		20	6						.3
18		16	2						.3
19		16	2						.7
20		20	3						.3
21		30	4						.3
22		25	2						.3
23		25	2						.3
24		20	3						.3
25		30	6						.3
26		40	2						.7
27		45	3						.7
28		35	3						.7
29		30	9						.3
30		50	2						.3
31		30	8						.3
32		25	4						.3
33		30	7						.3
34		27000	3						8.2
35		215	1						.7
36		1800	2						1.0
37		40	3						.7
38		125	1						.7
39		15	4						.3
40		60	4						.3
41		35	3						.7
42		25	10						1.7
43		25	4						.3
44		40	3						.7
45		25	7						.7
46		30	2						.7

EXPLANATION

o 40 SAMPLE LOCATION AND NUMBER

ALL OF THE SAMPLES TAKEN WERE ROCK CHIP SAMPLES WEIGHING APPROXIMATELY 1 POUND EXCEPT 36 WHICH WAS A 35 FOOT CHANNEL SAMPLE.

ANALYSES WERE MADE BY CHEMICAL AND MINERALOGICAL SERVICES USING ATOMIC ABSORPTION TECHNIQUES.

DUVAL CORPORATION—EXPLORATION DEPT.		STATE UTAH
McCULLEY PROSPECT		COUNTY BEAVER
TYPE SAMPLE LOCATION MAP		TOWNSHIP & RANGE T26,27S,R12W
DATA BY WT, CMS	DRAWN BY WT	DATE MARCH 4, 1971
1000 0 1000 2000 3000 FEET		MAP NO. 11,020

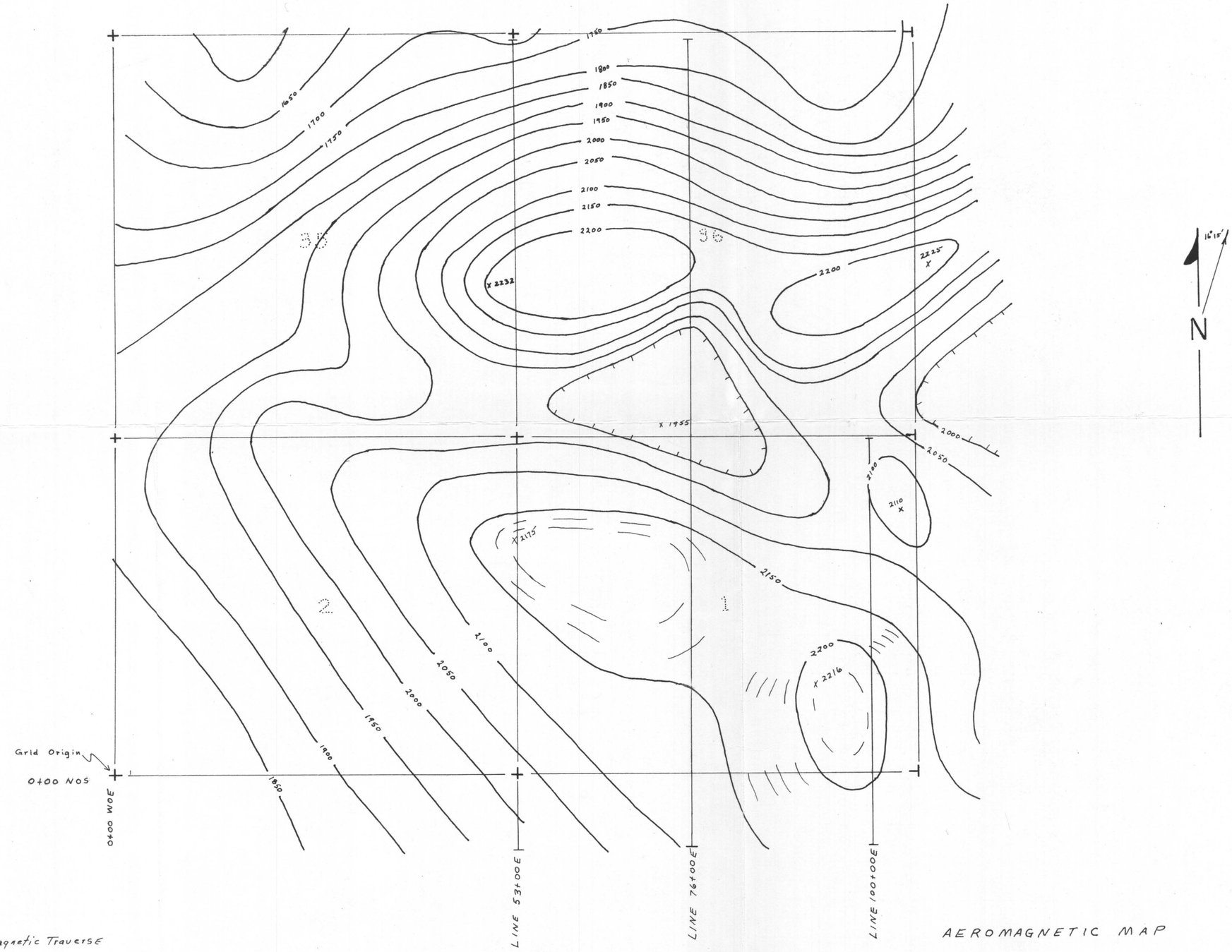
BRUNING NO 40 21

Milford area

R12 W

T26S

T27S



Ground Magnetic Traverse

Magnetic Inclination 64° 45'
Contour Interval 10 and 100 gammas
Magnetic datum arbitrary
Flight spacing 1/4 mile
Mean Terrain clearance 500 feet
Values are total intensity

AEROMAGNETIC MAP

Mc Culley Property

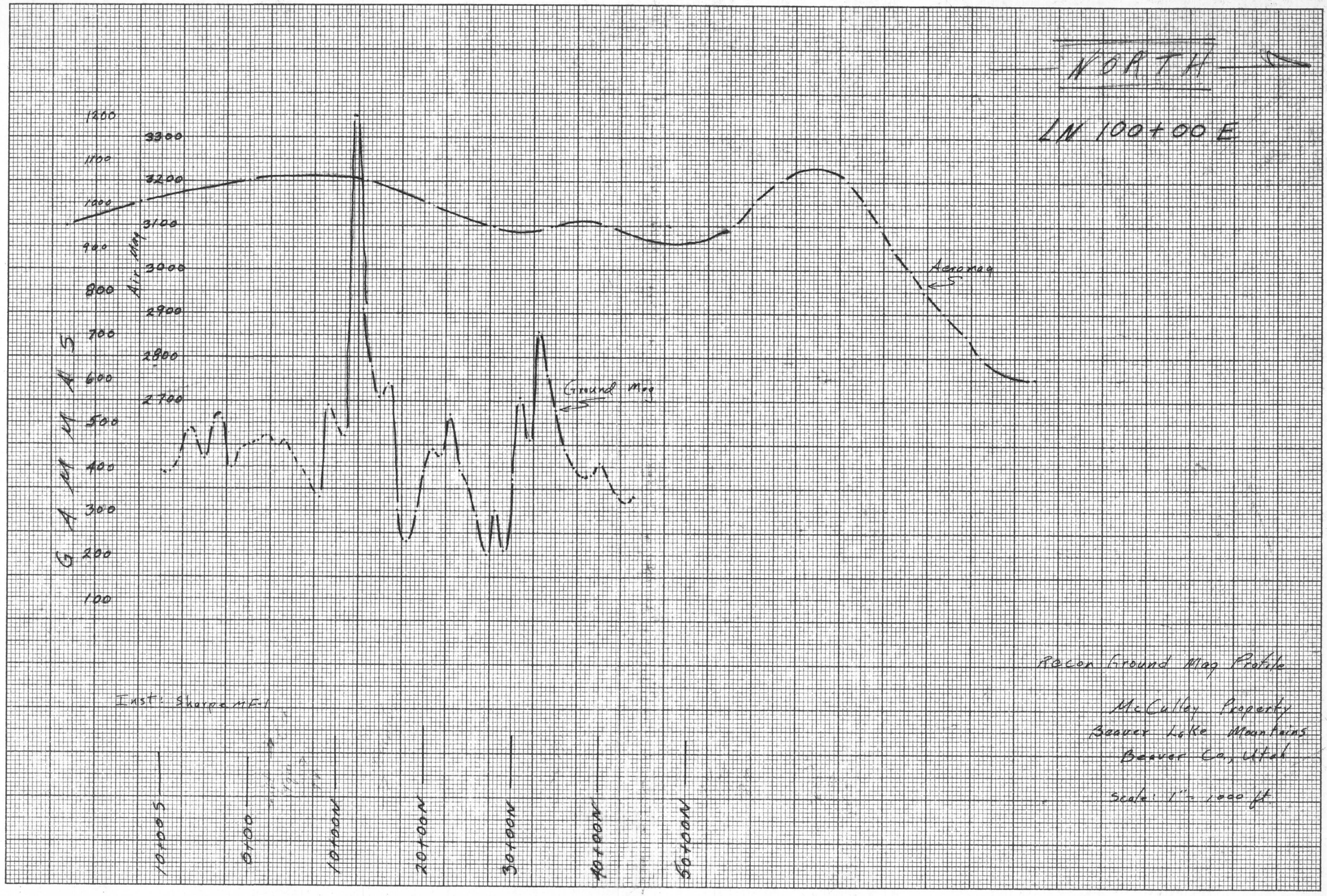
Beaver Lake Mountains

Beaver County, Utah

Scale: 1 inch = 1000 feet

0 500 1000 1500 2500 3500 4000 feet

Milford Area



Milford Area

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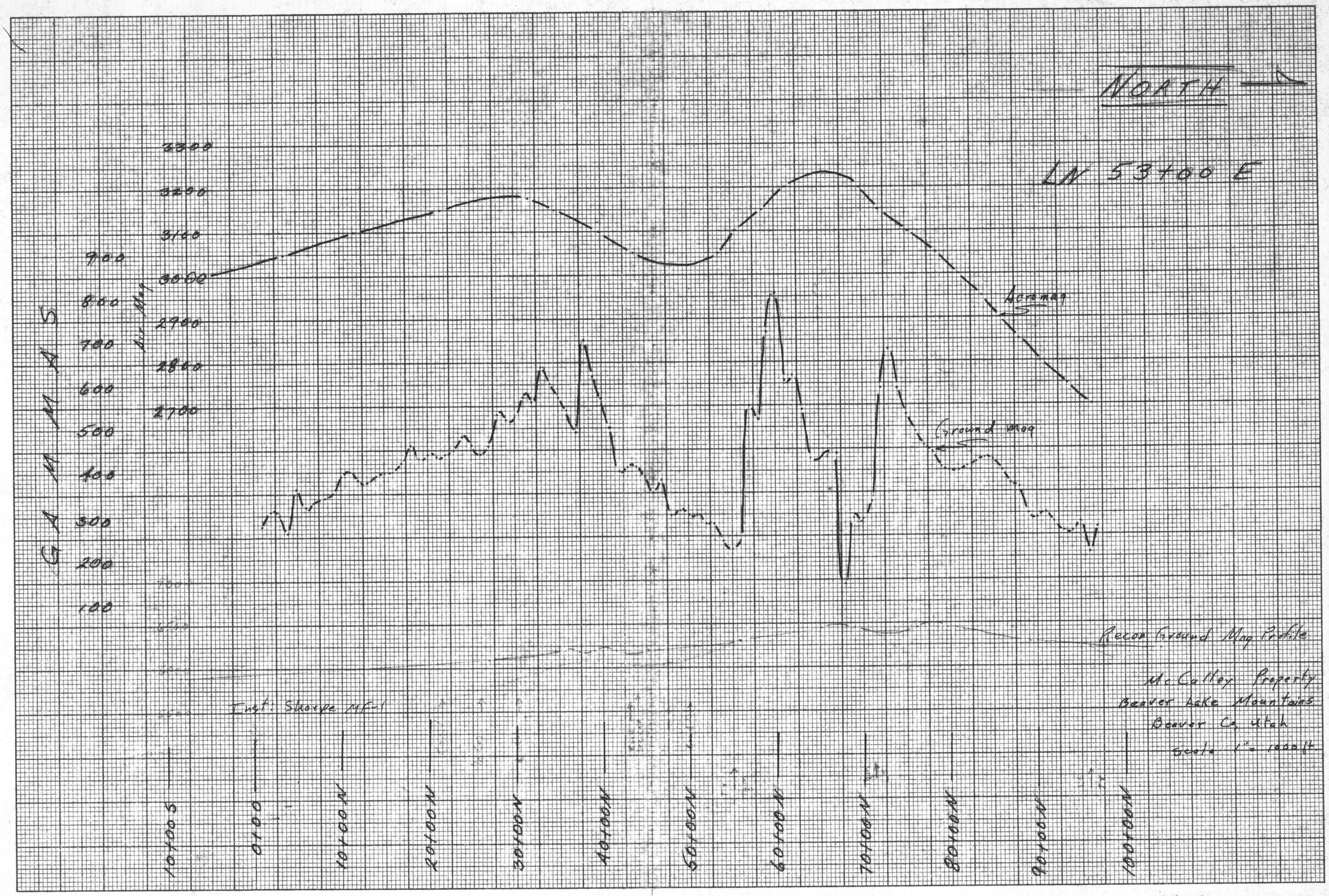
KEUFFEL & ESSER CO. 10 X 15 INCHES MADE IN U.S.A.



Milford Area

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