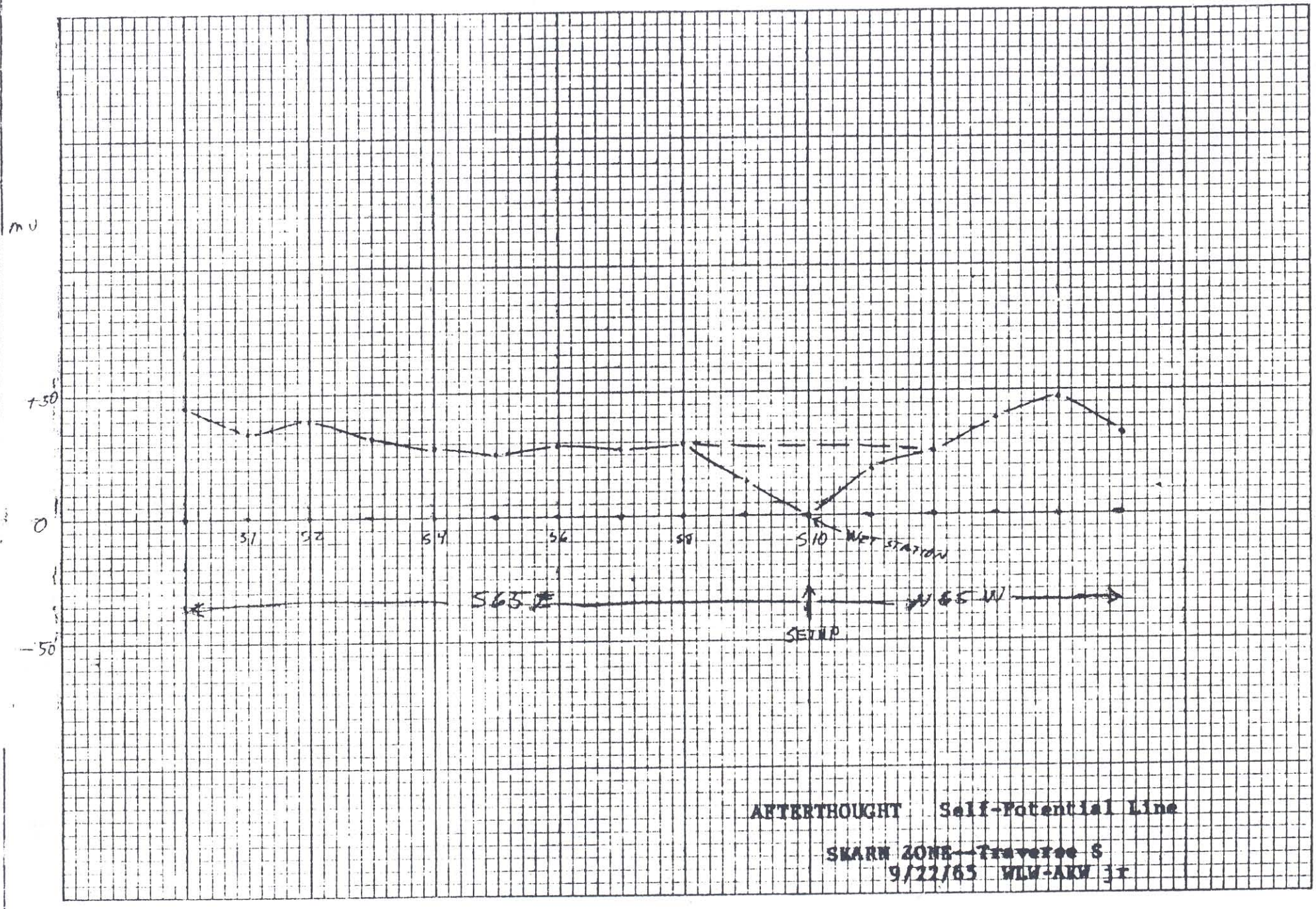
6000 0042 (0540)

Geophysics

60000042 (0540)



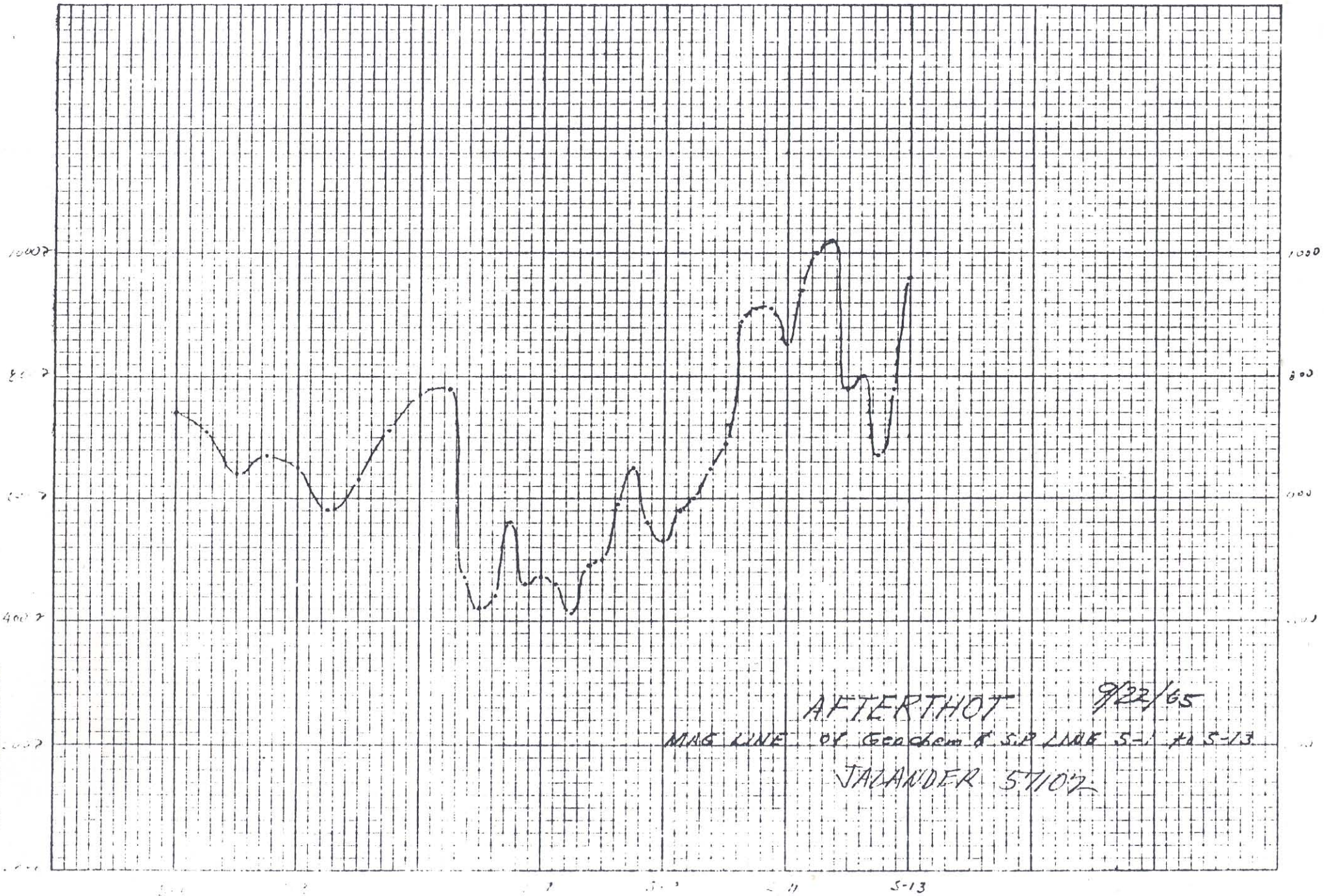
AFTERTHOUGHT Self-Potential Line

SKARN ZONE--Traverse S
9/22/65 WLW-AKW jr

No. 910-9. 10 x 10 to 1"
The A. Lieir Co., San Francisco
Made in U.S.A.

6000 0042 (0540)

No. 910-9. 10 x 10 to 1"
The A. Lietz Co., San Francisco
Made in U. S. A.



6000 0042 (0540)

WZW Copy

GEOPHYSICAL SURVEY

SP SURVEY

PROJECT: AFTERTHOUGHT

WEATHER:

LINE: IP - "C" AFE

DATE: WZW - akaifr 2-17-65 [illegible]

INSTRUMENT & SERIAL #: SP - Wilson Potentiometer

OPERATOR: WZW akaifr

Pd = 0

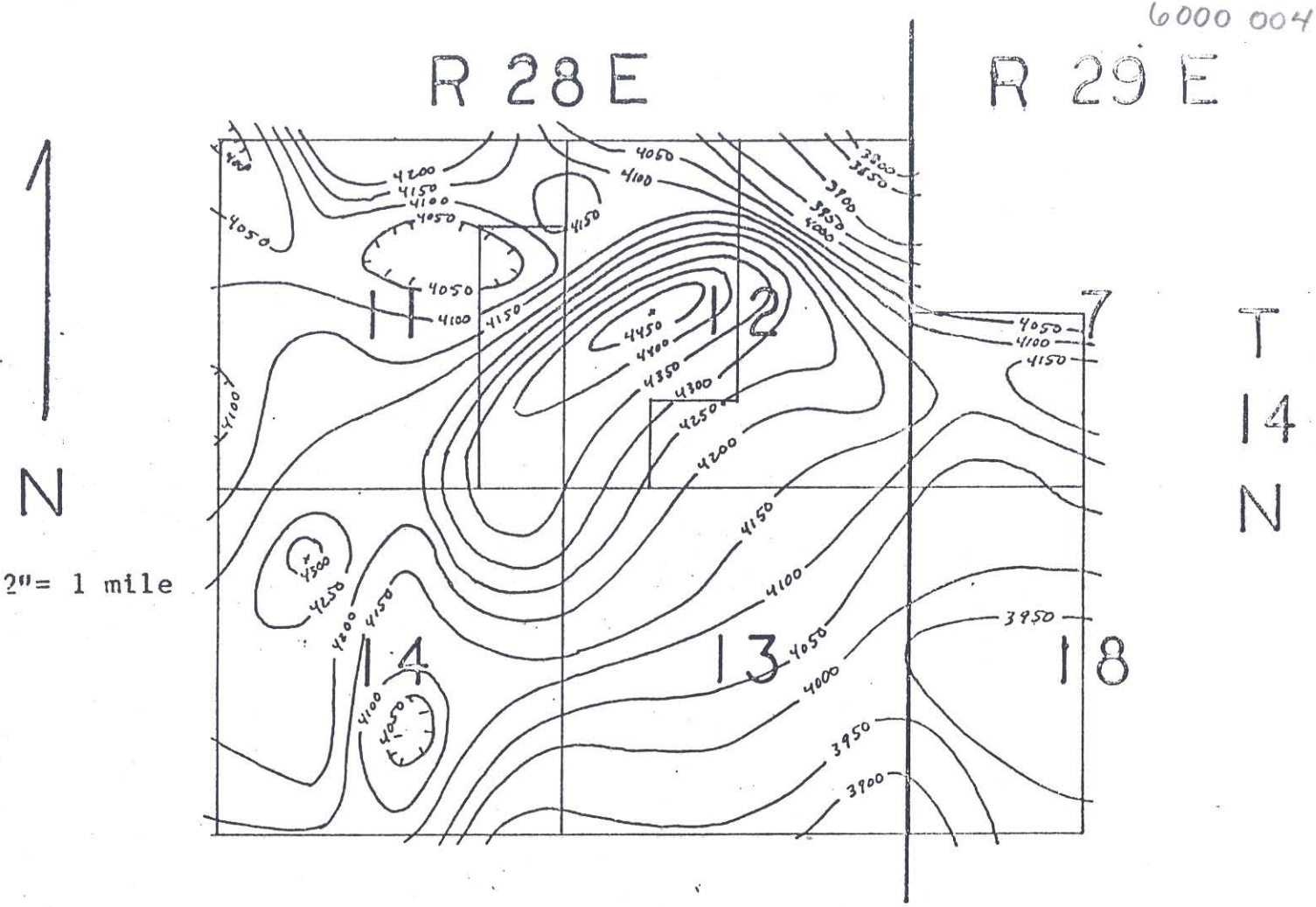
BATTERY CHECK: OK

ORIENTATION & STATION	OBSERVED READING & SIGN							
Setup at 2000 N (200 N)	0							
1850	~~[illegible]~~							
1900	~~-11.5 -16.5~~							
1800	~~-12.5 +16.5~~							
1700	-3							
1650	+1							
1600	-1							
1500 N	-5.5							
1400	-4							
1300	-6.5							
1200	-7.5							
1100	-1.5							
1000 N	-9							
900 N	-16							
~~1200~~ 800 N	-17.5							
700 N	-18.5							
600 N	-26							
500 N	-14							
400 N	-7							
300 N	-14							
200 N	-17							
150 N	-16.5							
2100 N	-4							
2200	+1							
2300	-0.5							
2400	-11.5							
2500	+1							
2600	-6							
2700	-8.5							
2800	-18							
2850	-22.5							
2900	-21.5							
2940	-19							
2950	-19							
3000	-17							
3050	-19							
3100	-16							
3150	-16							
3200	-14							
3300	-16							
3400	-12.5							
3500	-14							
3600	-9							

2-17-65

2-25-65

6000 0042 (0540)



Aeromagnetic Map--AFTERTHOUGHT PROSPECT

Walker River Paiute Reservation

Magnetic contours drawn at 50 gamma intervals

6000 0042 (0540)

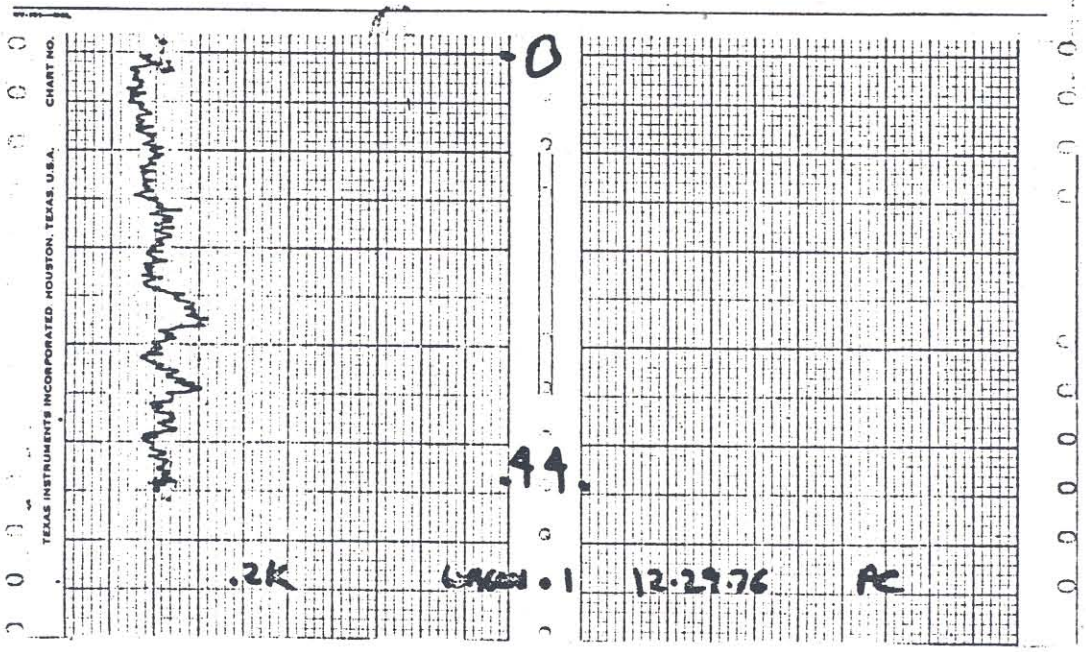
HOLE NO. AF20
WAGON 1

IDAHO MINING CORPORATION
GRAND JUNCTION, COLO.

GAMMA RAY COUNTS PER SECOND | SELF POTENTIAL MILLIVOLTS | RESISTANCE OHMS

COMPANY: IDAHO	— CALIBRATION —	— HOLE DATA —
PROJECT AREA: WALKER RIVER	SCALE: CPS.	
LOCATION:	SOURCE NO.	DRILLING CONTRACTOR:
DATE: 12-29-76 ELEVATION:	SOURCE VALUE: CPS.	DRILL DATE:
COUNTY: MINERAL	K FACTOR (AM): 2.46 Z X 10⁻⁹	DEPTH DRILLED: FT.
STATE: NEVADA	DEAD TIME: μ SEC.	HOLE DIAMETER: 2 5/8 IN.
SECTION:	PROBE NO. 31A	DRILLING FLUID: DRY
TOWNSHIP:	PROBE DIAMETER: 1 1/8 IN.	DEPTH LOGGED: 44 FT.
RANGE:	PROBE LENGTH: 4 FT. 6 IN.	TOTAL FOOTAGE LOGGED: 49 FT.

INITIAL RUN		GAMMA RERUNS		
GAMMA—FULL SCALE—15 INCHES: 200 CPS.	SCALE: CPS.	SCALE: CPS.	SCALE: CPS.	SCALE: CPS.
% OF PROBABLE ERROR: 4	% OF P.E.: 1	% OF P.E.: 1	% OF P.E.: 1	% OF P.E.: 1
LOGGING SPEED: 15 FT./MIN.	LOGGING SPEED: 5 FT./MIN.	LOGGING SPEED: 5 FT./MIN.	LOGGING SPEED: 5 FT./MIN.	LOGGING SPEED: 5 FT./MIN.
RESISTANCE—FULL SCALE— OHMS	FROM: FT.	FROM: FT.	FROM: FT.	FROM: FT.
SELF POTENTIAL: MVOLTS	TO: FT.	TO: FT.	TO: FT.	TO: FT.
UNIT NO.: 1	TOTAL: FT.	TOTAL: FT.	TOTAL: FT.	TOTAL: FT.
OPERATOR: CANTER				
DRIVE: HRS.	REMARKS: Southern most 3" hole			
STANDBY: HRS. TIME IN:				
LOGGING: HRS. TIME OUT:				
TOTAL: HRS.				
ROUND TRIP MILEAGE: MILES				



6000 0042 (0540)

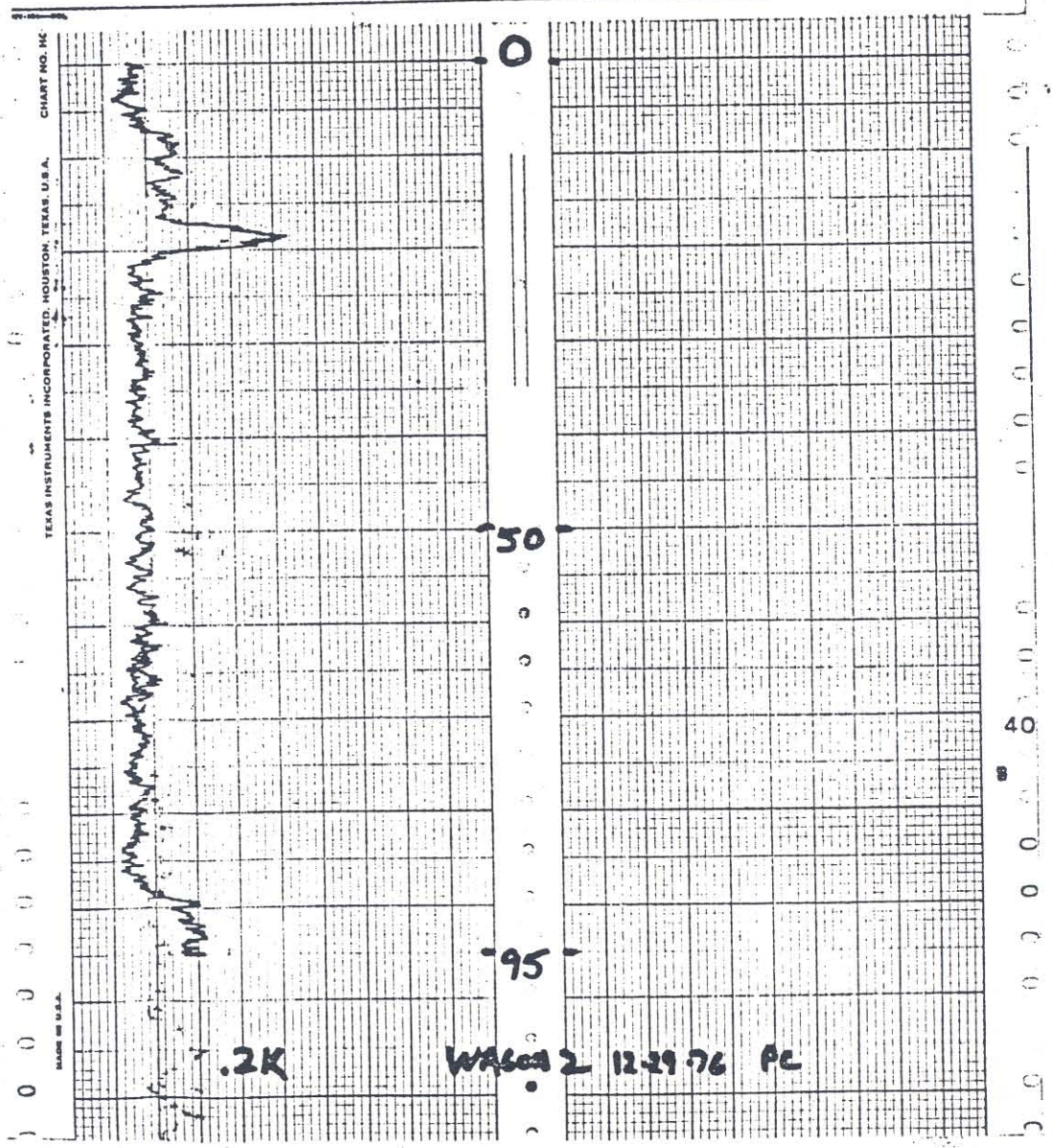
HOLE NO. AF10
WAGON 2

IDAHO MINING CORPORATION
GRAND JUNCTION, COLO.

GAMMA RAY COUNTS PER SECOND | SELF POTENTIAL MILLIVOLTS | RESISTANCE OHMS

COMPANY: IDAHO	— CALIBRATION —		— HOLE DATA —
PROJECT AREA: WALKER RIVER	SCALE: CPS.		
LOCATION: Top Small Hill (below Dump)	SOURCE NO.		DRILLING CONTRACTOR:
DATE: 12-29-76 ELEVATION:	SOURCE VALUE: CPS.		DRILL DATE:
COUNTY: MINERAL	K FACTOR (AIR): 2.462 X 10⁻⁴		DEPTH DRILLED: FT.
STATE: NEVADA	DEAD TIME: μ SEC.		HOLE DIAMETER: 2 7/8 IN.
SECTION:	PROBE NO. 31 A		DRILLING FLUID: AIR
TOWNSHIP:	PROBE DIAMETER: 1 1/8 IN.		DEPTH LOGGED: 95 FT.
RANGE:	PROBE LENGTH: 4 FT. 6 IN.		TOTAL FOOTAGE LOGGED: 95 FT.

INITIAL RUN		GAMMA RERUNS		
GAMMA—FULL SCALE—IN INCHES: 200 CPS.	SCALE: CPS.	SCALE: CPS.	SCALE: CPS.	
% OF PROBABLE ERROR: 4	% OF P.E.: 1	% OF P.E.: 1	% OF P.E.: 1	
LOGGING SPEED: 18 FT./MIN.	LOGGING SPEED: 8 FT./MIN.	LOGGING SPEED: 8 FT./MIN.	LOGGING SPEED: 8 FT./MIN.	
RESISTANCE—FULL SCALE— OHMS	FROM: FT.	FROM: FT.	FROM: FT.	
SELF POTENTIAL: MV/IN.	TO: FT.	TO: FT.	TO: FT.	
UNIT NO.: 1	TOTAL: FT.	TOTAL: FT.	TOTAL: FT.	
OPERATOR: CANTER				
DRIVE: HRS.	REMARKS:			
STANDBY: HRS. TIME IN:				
LOGGING: HRS. TIME OUT:				
TOTAL: HRS.				
ROUND TRIP MILEAGE: MILES				



6000 0042 (0540)

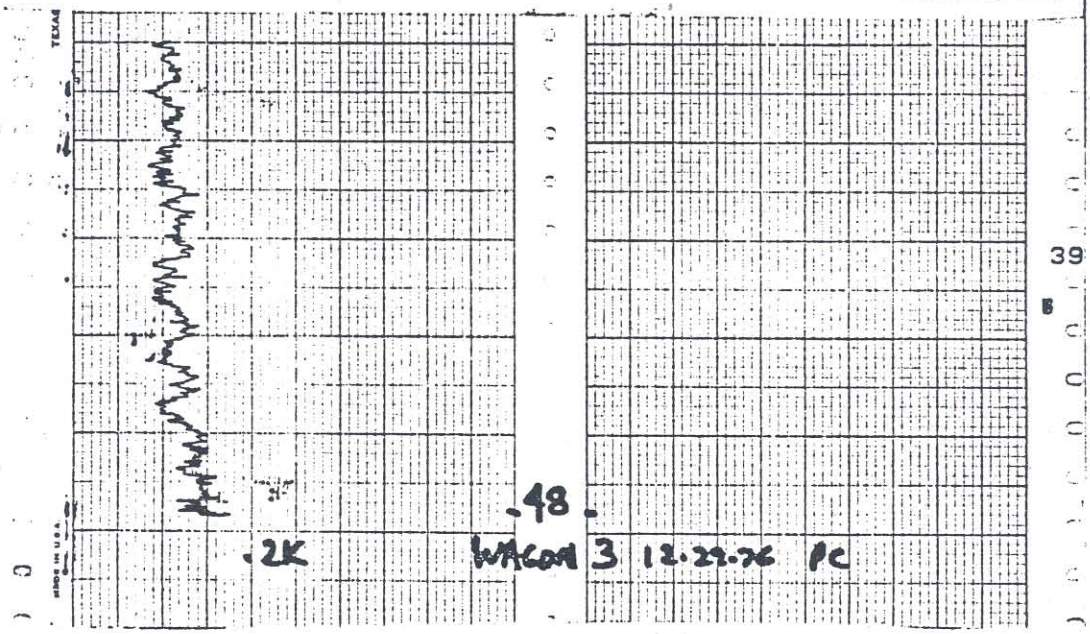
HOLE NO. AF 15
WAGON 3

IDAHO MINING CORPORATION
GRAND JUNCTION, COLO.

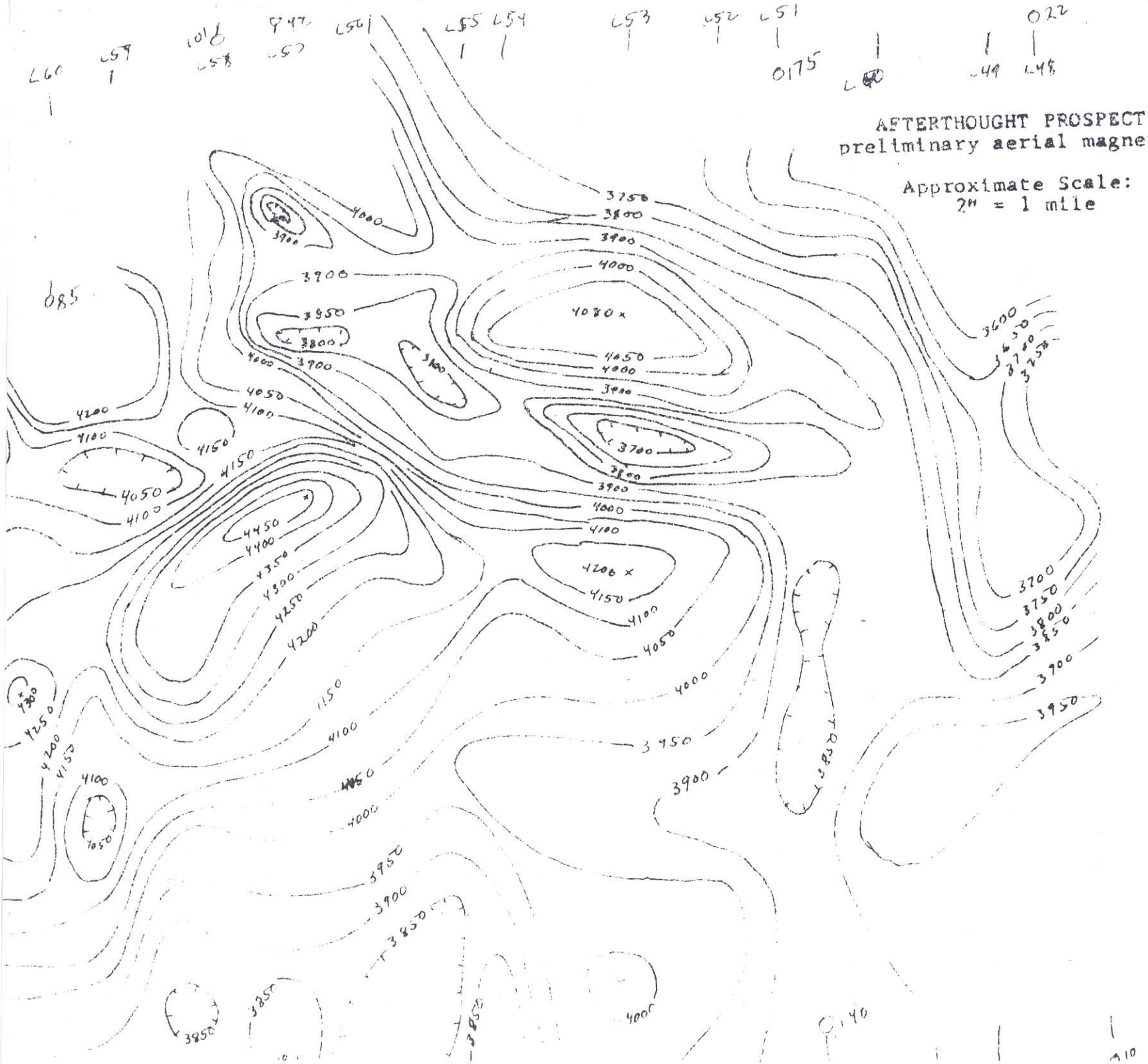
GAMMA RAY COUNTS PER SECOND | SELF POTENTIAL MILLIVOLTS | RESISTANCE OHMS

COMPANY: IDAHO	— CALIBRATION —	— HOLE DATA —
PROJECT AREA: WALKER RIVER	SCALE: CPS.	
LOCATION: Ex North, 3" hole	SOURCE NO.	DRILLING CONTRACTOR:
DATE: 12-29-76 ELEVATION:	SOURCE VALUE: CPS.	DRILL DATE:
COUNTY: MINERAL	K FACTOR (AIR): 2.462 X 10⁻⁴	DEPTH DRILLED: FT.
STATE: NEVADA	DEAD TIME: μ SEC.	HOLE DIAMETER: 2 5/8 IN.
SECTION:	PROBE NO. 3 A	DRILLING FLUID: DRY
TOWNSHIP:	PROBE DIAMETER: 1 1/4 IN.	DEPTH LOGGED: 48' FT.
RANGE:	PROBE LENGTH: 4 FT. 6 IN.	TOTAL FOOTAGE LOGGED: 48' FT.

INITIAL RUN		GAMMA RERUNS							
GAMMA—FULL SCALE—15 INCHES:	200 CPS.	SCALE:	CPS.	SCALE:	CPS.	SCALE:	CPS.		
% OF PROBABLE ERROR:	4	% OF P.E.:	1	% OF P.E.:	1	% OF P.E.:	1		
LOGGING SPEED:	15 FT./MIN.	LOGGING SPEED:	5 FT./MIN.	LOGGING SPEED:	5 FT./MIN.	LOGGING SPEED:	5 FT./MIN.		
RESISTANCE—FULL SCALE—	OHMS	FROM:	FT.	FROM:	FT.	FROM:	FT.		
SELF POTENTIAL:	MV/IN.	TO:	FT.	TO:	FT.	TO:	FT.		
UNIT NO.: 1		TOTAL:	FT.	TOTAL:	FT.	TOTAL:	FT.		
OPERATOR: CAMTEC									
DRIVE: HRS.		REMARKS:							
STANDBY: HRS. TIME IN:									
LOGGING: HRS. TIME OUT:									
TOTAL: HRS.									
ROUND TRIP MILEAGE: MILES									



6000 0042 (0540)



6000 0042 (0540)

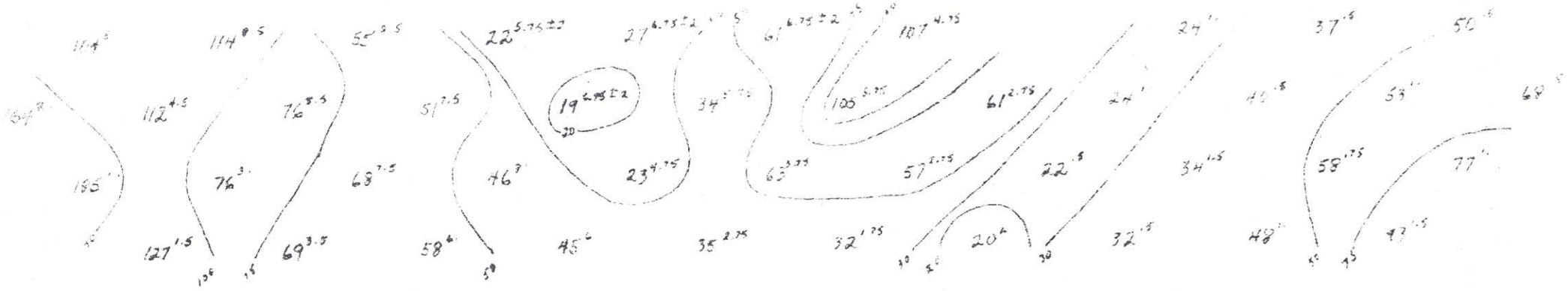
O Line

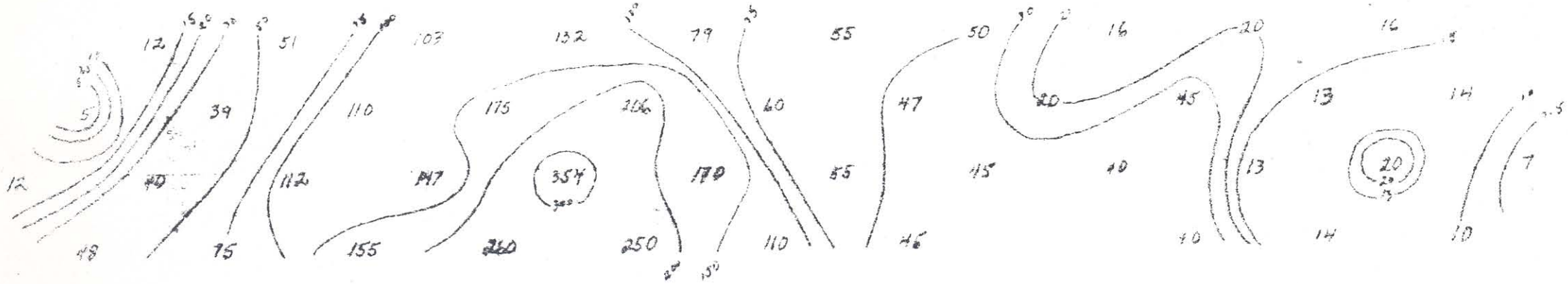
AFE

1" = 500'

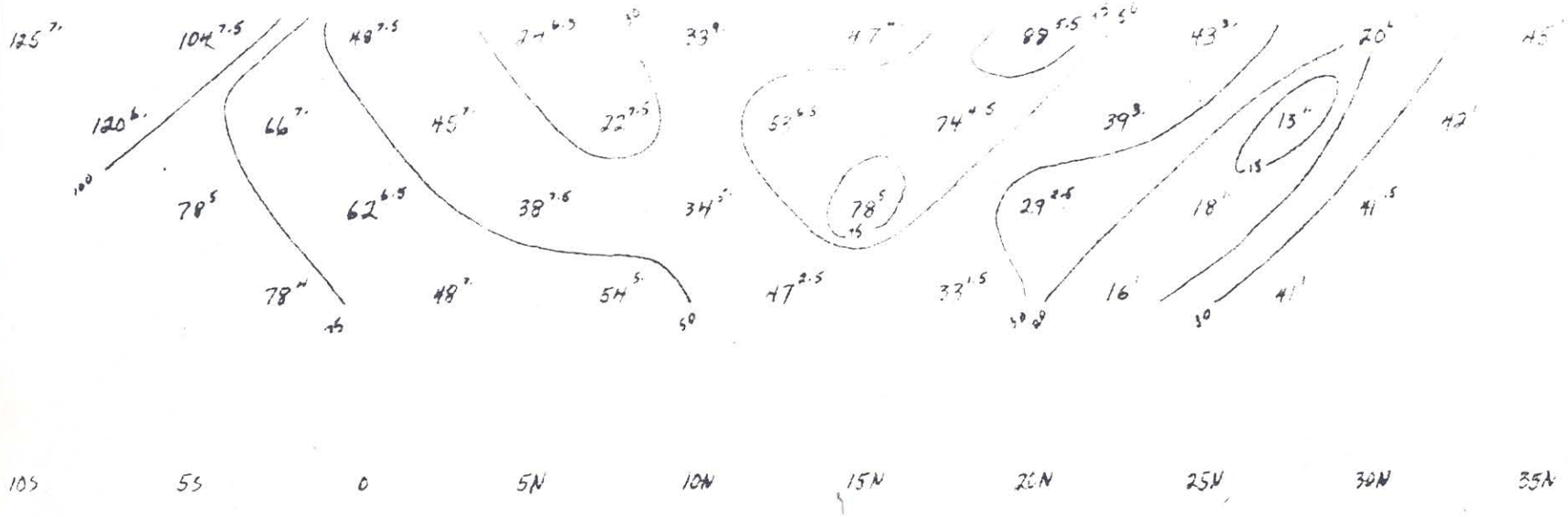
.07 ~ 1.25 ~

March 15, June 8, 6d

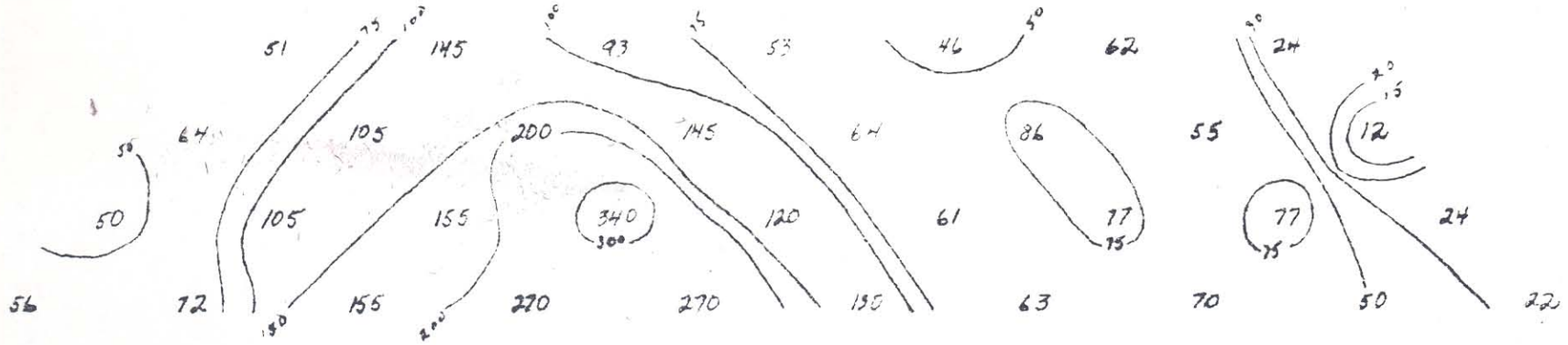




60000042 (0540)



300 West Line
[illegible]
[illegible] through
1" 500'
[illegible] .07 = 1.25
June 9 6[illegible]

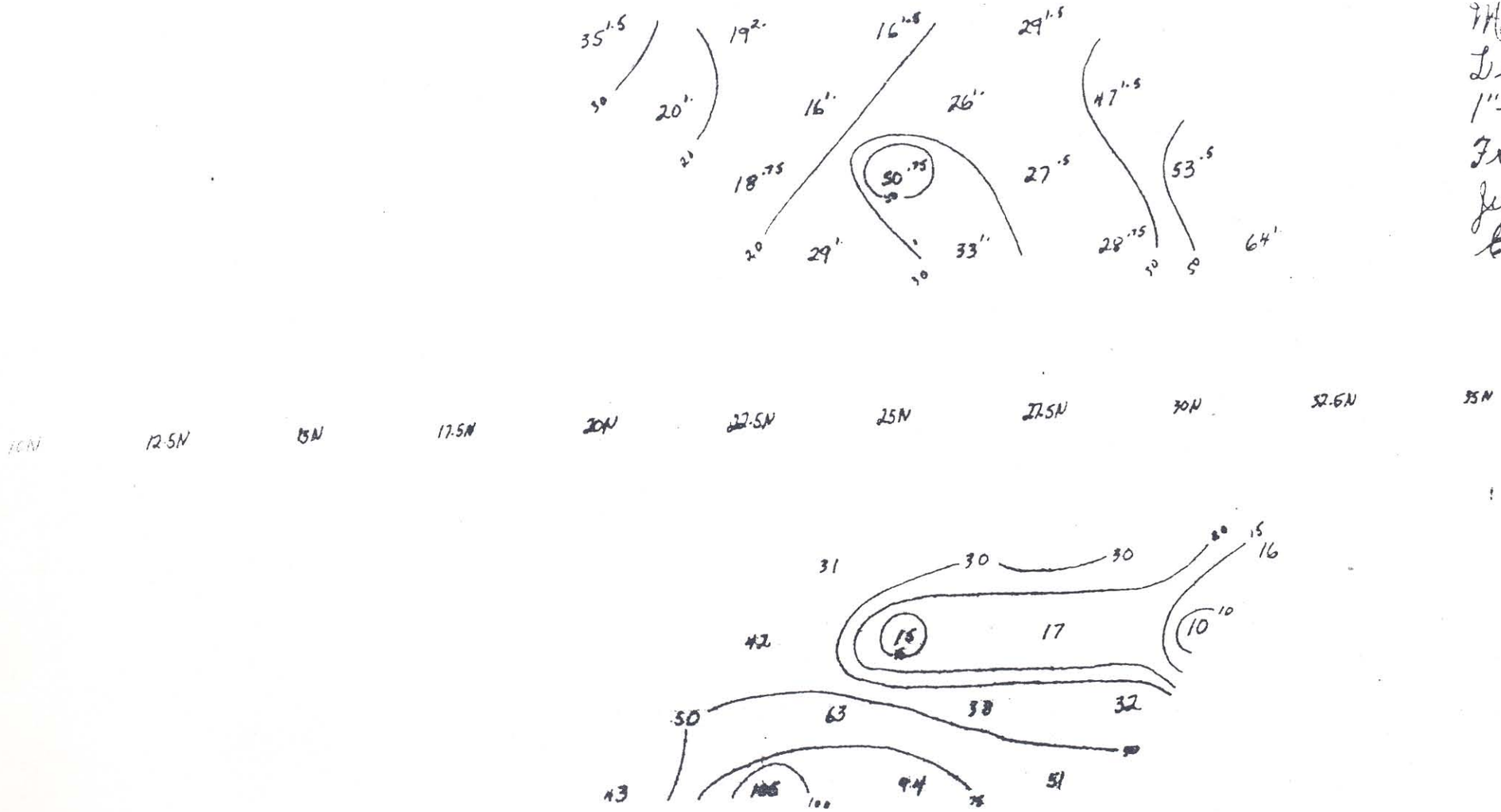


60000 0042 (0540)

Mantel Mining
Line 900 West Afterthought
1" = 500'
Grap .07 ~ 1.25 ~
June 11, 64
E.W.

60000042 (0540)

Marlet Mining
Line AFE (afterthought)
1"-250'
Freq .07~ 1.25~
June 8, 64
E.W.



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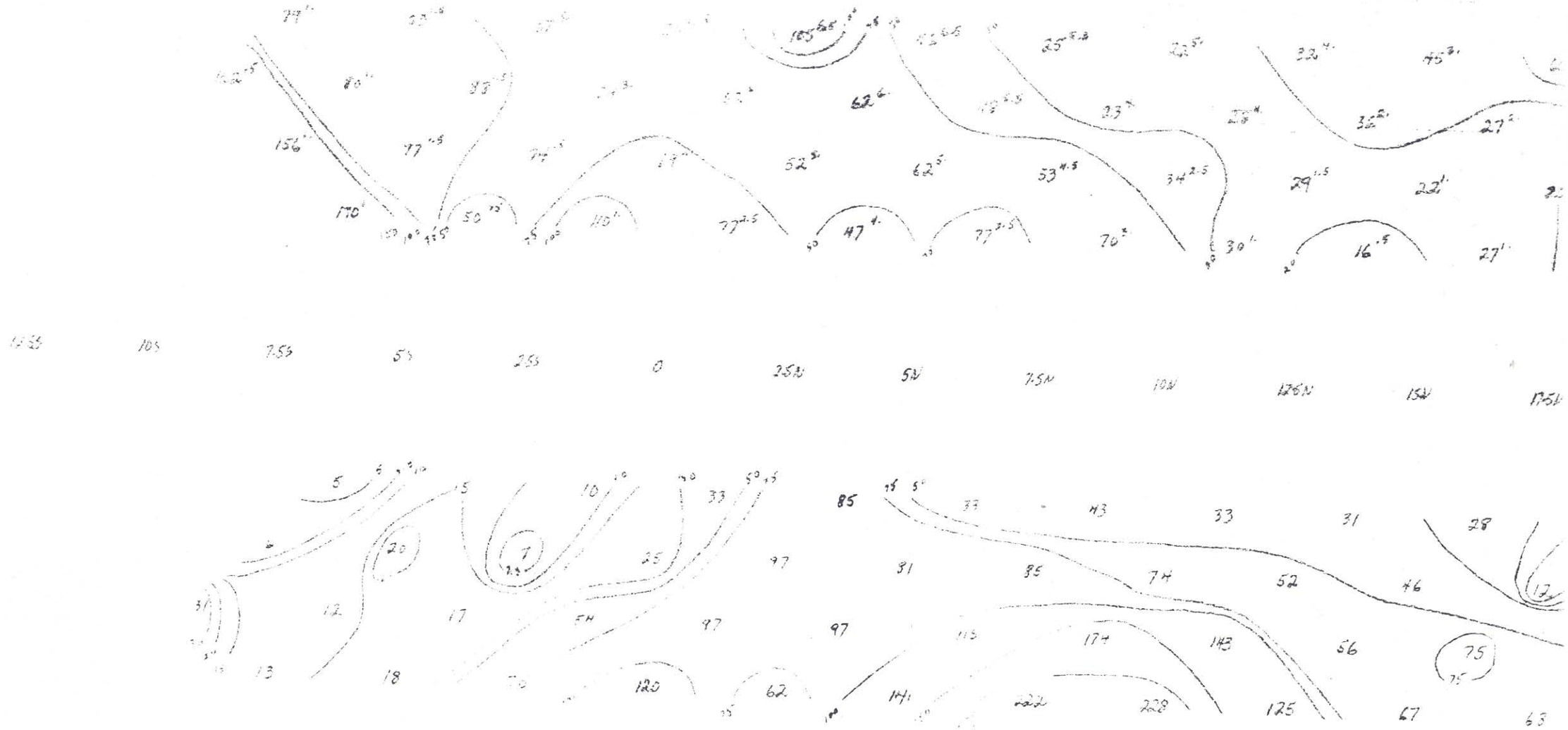
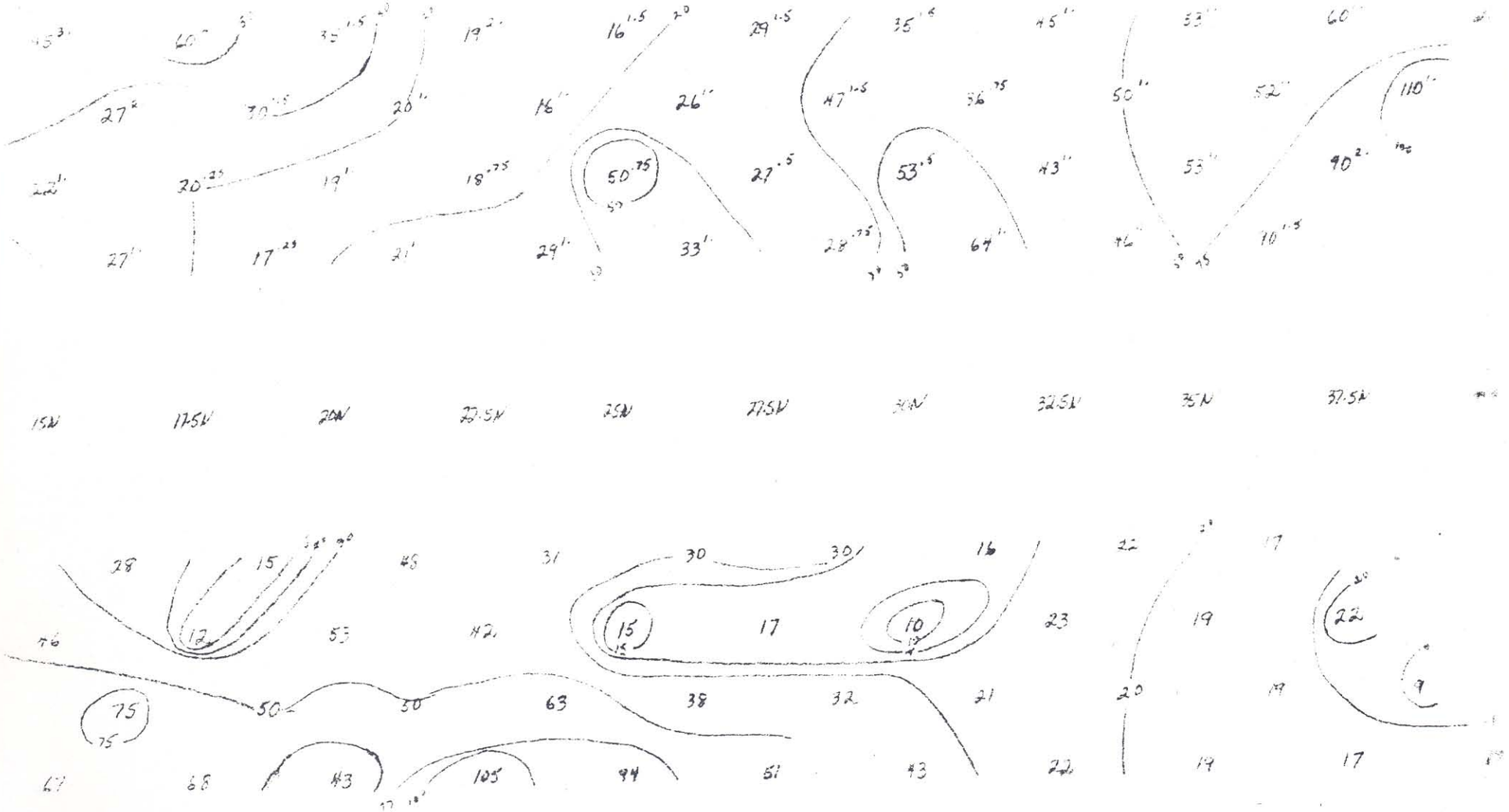


(not read
this page

6000 0042 (0540)

ZERO LINE

Martel Mine (Alpha Concept)
1" = 250'
Freq. .07 ~ 1.25 ~
Line AFE 0+00
June 8, 11, + 12/64
E.W.



As soon as I get the rock types and I have an analysis I'll plot them on a sketch map with some notes and forward them to you.

I hope these notes will help a little. I'm looking forward to seeing you again in the future.

Sincerely,
Harry Winters

P.S. One sample of pyrite from hole AF 1 showed Cobalt. There wasn't enough of it to be sure of the amount, but it's greater than .001%. Will be checking this more.

6000 0042 (0540)

6000 00412 (0540)

TO: J. K. Hayes, Supervisor - Field Exploration

Date: March 18, 1964

FROM: R. W. Morgan, Supervisor - Chemical Laboratory

No. of Samples: 1

SUBJECT: Iron Ore

R. L. Redmond Martal Mining Co.

	Sample No. 7547	Sample No.	Sample No.	Sample No.	Sample No.	Sample No.
Fe	65.0					
SiO_2	3.19					
Al_2O_3	1.22					
CaO	.40					
MgO	.10					
S	.090					
P	.056					
Mn						
As	.01					
Cu	.02					
Ni	.02					
Pb						
Zn						
Ti	.20					
F ppm						
CaF_2						
$CaCO_3$						
R_2O_3						
Loss						

R. W. Morgan
Supervisor - Chemical Laboratory

6000 0042 (0540)

SPEED LETTER®

TO Rocky Mountain Geochemical Lab.
P. O. Box 2217
Salt Lake City, Utah

FROM W. L. Wilson
Walker-Martel Mining Co.
~~100 Washington Street~~
Reno, Nevada

SUBJECT Geochemical Samples

FOLD

MESSAGE

DATE June 28. 19 66

Jim: In the accompanying carton are samples identified as AF 5-1 thru AF 5-9.

Please run each geochemically for Cu, Pb, Zn and Mo.

To: R. L. Redmond From: W. L. Wilson

Bob: Sample descriptions for the above samples are as follows: All are from the Afterthought Prospect, ~~BH~~ AF 5, footage as follows:

AF 5-1	835-845
AF 5-2	845-855
AF 5-3	855-865
AF 5-4	865-875
AF 5-5	875-880
AF 5-6	880-890
AF 5-7	890-900
AF 5-8	900-910
AF 5-9	910-920

With kindest regards,

SIGNED Bill

Bill

FOLD

REPLY

DATE 19

SIGNED

GrayLine "SNAP-A-WAY" FORM 44-912 3-PARTS
WILSON JONES COMPANY © 1961 PRINTED IN U.S.A.

SNAP-A-WAY AND RETAIN YELLOW COPY, SEND WHITE AND PINK COPIES WITH CARBON INTACT

6000 0042 (0540)
WLW 5 5

PRELIMINARY REPORT

Geology of the Afterthought Area, Walker River Paiute Reservation
Mineral County, Nevada

The Afterthought area lies approximately eight miles northwest of Schurz, Nevada, and extends from highway U.S. 95 westwards for three miles, covering approximately 12 square miles. The area is gentle in the Afterthought area itself, but the topography is rugged to the west, especially in the area of Mesa peak. The elevation varies from 4500 feet on the Weber Reservoir road to 5000 feet at the Afterthought shaft, and 6042 feet on Mesa peak. The area is somewhat more complicated than the Calico area to the east, but appears to be an extension of the geologic features.

Numbers were assigned to the volcanic units as they were mapped, and do not have any age connotation. The age relationships are shown in the geologic column, however some are tentative, especially the volcanic flows and intrusives. Further work in the area to the north and west will probably clarify the correlation of these units.

Pre-Tertiary Rocks

Metamorphics - (M) The Afterthought area appears to have been covered by Mesozoic sediments consisting of shales, shaly limestone, limestones, sandstones, and limey shales. Some of the limestone have been merely recrystallized, keeping its original bedding. These rocks have been metamorphosed to a series of recrystallized limestone, calc-silicates, skarn, schist, slates, and quartzite. These rocks occur in the area of the IP anomaly west of the Afterthought shaft, and around the flanks of the granitic-aplitic intrusive ½ mile to the northeast. They also appear in drill holes AF 1 and 2.

Diorite and Gabbro (Di) - occurs in the area 3,000 feet north of the Afterthought shaft and along the west flank of the granitic-aplitic intrusive, and extend approximately 1 mile west to the base of Mesa peak. It is medium to coarse grained, and varies from gabbro to diorite in composition. One specimen of gabbro taken from the small pit in the saddle and 200 feet east of the road contained 65% plagioclase (andesine), 20-30% hornblende, 5-10% augite, 2-3% biotite, 3-5% chlorite, and traces magnetite, the magnetite replacing fe-mags along crystallographic planes and boundaries. A specimen of diorite 500 feet west of the road contained 60% palgioclase, 15-20% brown hornblende, 2-3% biotite, 5% actinolite, 1-2% chlorite, and with small amount magnetite replacing the fe-mags along crystallographic planes and boundaries. Another specimen of diorite near the road and along the southwest flank of the granitic-aplitic intrusive showed 50% plagioclase, 30% orthoclase, 3-5% biotite, 3-5% actinolite, 10-15% hornblende, and with magnetite replacing the femags. This magnetite occurs interstitial and along crystallographic boundaries. The diorite and gabbro contains varying amounts of magnetite, and in places the rock is magnetic, especially at "0" E-W and 35N. Hematite with traces of copper carbonates occurs in this area, and a small pit has been dug on it in the past. This diorite appears to continue to the west under the overlying tuffs and volcanic flows.

Granodiorite (GD) - occurs in the area of the Afterthought shaft and to the south covering an area of approximately one square mile. It is fine to medium grained and fairly uniform in composition. One specimen taken above the shaft in thin section showed 30% plagioclase, 40% orthoclase, 15% quartz, 7% hornblende, and 1% pyroxene. It has been silicified in some areas, and in places cut by quartz veins containing traces of copper, being slightly altered in these areas. Otherwise the granodiorite shows no wide spread alteration.

Fine-grained intrusive (FGI) - This rock occurs along the northwest flank of the granodiorite, and also across the wash from the Afterthought shaft against the metamorphics. It may be a border facies of the granodiorite, but more likely represents a border facies of a quartz monzonite intrusive later than the granodiorite. Spatially it is related to the granodiorite and may have been a border facies of it that has been silicified by later solutions. It is separated from the granodiorite by a fault running N 50°E. This rock is intercalated with calc-silicates and skarn of the metamorphics across the wash from the Afterthought shaft, and also in drill holes AF 1 and 2. It contains considerable sulfides in these drill holes near the surface. Thin-sections of the core shows this rock to vary from granite to quartz monzonite and diorite (Lawrence, Rept thin-sections, Afterthought Area). This variation probably is partially due to assimilation of country rock at the time of intrusion. One small outcrop in the area of the V21 flow at 350 feet northeast of drill hole AF 3 is completely silicified. In thin section it shows ghost cutlines of feldspar with rims of secondary biotite aound corroded quartz phenocrysts. One large feldspar phenocryst shows pericline twinning.

Quartz monzonite (QM) - This rock outcrops in an area 1,500 feet north of the shaft and along the southwest flank of the granitic-aplitic intrusive. It occurs only as small patches and may be merely local variations of the other intrusives. It is medium to coarse grained, and is usually slightly iron stained with yellow-brown iron oxide. There is a larger area of quartz monzonite, medium to coarse grained, approximately 3,000 feet northeast of Mesa peak in Long Valley, which will be discussed in more detail in the B-6 report.

Granitic and aplitic intrusive (G) - occurs approximately ½ mile north of the Afterthought, and is 2,500 feet long and 1,000 feet wide, being elongated in a northeasterly direction. This rock contains 55% orthoclase and microcline, 20% plagioclase, 5% quartz, 5-10% green hornblende, 3-10% augite, and 1% sphene. Another specimen shows 45% microcline, 2-5% plagioclase, and 30-45% quartz, being alaskitic in composition. This intrusive is usually highly siliceous and fine grained. There are several quartz "blow-outs" around this hill. On the west side it is associated with rose quartz and large crystals of microcline. Numerous veins of quartz cut the diorite to the west, and may be genetically related to this granitic-aplitic intrusive. This granite has metamorphosed the Mesozoic sediments to schists, recrystallized limestone, slates, quartzite, calc-silicates, and skarn. There are numerous small propspects along the contact zone. Antimony has been mined in one prospect (Lawrence, 1963). Copper occurs as green stains and coatings

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Lawrence, Edmond F., (1960) Antimony deposits of Nevada, Nevada Bureau of Mines, Bull. 61, p. 124.

---

in the metamorphics along the flanks of the granite.

Tertiary Rocks

Tuffs (V1) - There is a thick section of tuffs in the Afterthought area varying in composition from crystal tuff,lapilli tuff, vitric tuff, welded tuff to agglomerates, with interbedded vitrophyres and glassy flows. These rocks appears to have covered most of this area at one time, occuring overlying the granodiorite in the basin 1,000 feet east of the Afterthought shaft at an elevation 300 feet above the shaft. This unit is the same as the V1 tuff in the Calico area to the east, with local variations in the glassy units. These vitrophyres and glassy flows probably had a local origin. The coloration in the tuff appears to be thermal in origin, and associated with later intrusives and extrusives. It would be possible to work out a detailed section for correlation with the Calico area, but this did not appear desirable in the present investigation. These tuffs are usually well indurated, especially near the intrusives and extrusives. Two horizons in the tuff contain considerable petrified wood.

Andesite flows (V 6, V 21) - These flows and intrusives are similar to the V 6 andesite intrusives in the Calico area. They are composed of up to 40% plagioclase laths and 10-20% hornblende phenocrysts in an aphanitic groundmass.

Rhyolite flows and intrusives (V 8, V 20) - These flows and intrusives occur only as small outcrops along northwesterly faults near U.S. 95. They are aphanitic with occasional phenocrysts of feldspar and quartz, and with flow structure.

Andesite flows and intrusives (V 22) - This unit occurs chiefly west of U.S. 95 and north of the Weber Reservoir road, around the south and east flanks of the granodiorite. It is somewhat similar to the V 21 in composition and texture, but contains less plagioclase phenocrysts. The vents for the flows appear to be in the basin southeast of the Afterthought shaft, and along the south flank. One such plug cuts the granodiorite-V 1 tuff contact, changing the tuff to lavender and greenish in color and the granodiorite to a reddish brown up to 50 feet wide. This V 22 appears to be partially correlative with the V 22 flows.

Andesite flows (V 18) - Thsi flow is magnetic, and may account for the magnetic anomaly over U.S. 95. It is dense, dark gray to black, with phenocrysts up to 1/8 inch of hornblende, biotite, and plagioclase, and with 1-2% magnetite.

Andesitic to intermediate flows (V 26) - This unit occurs in the area south and southwest of the mine area. It is usually thin-bedded, with hornblende and plagioclase phenocrysts.

Quaternary Rocks

Basaltic flows (V 37) - Restricted to the northeast side of the area, but similar to V 19 on the southwest side. It is thin-bedded, dense, with occasional plagioclase phenocrysts and magnetic in some areas. Appears to be from a local vent.

Basaltic flow (V 19) - Same as V 37 above, except on southwest side of area.

Trachybasalt (V 29) - This unit occurs 1 mile northwest of the Afterthought

shaft and south of Mesa peak. It is dense, dark gray to black in color, with a glassy matrix.

Andesite flow (V 36) - This unit occurs as a distinct flow 1,000 feet wide and 3,000 feet long, northest of Mesa peak in Long Valley. It is lighter in color than V 35, aphanitic, with a few phenocrysts of plagioclase and hornblende.

Basalt - Andesite flow (V 35) - This flow, overlying V 36 in part, is 100 to 500 feet wide and at least 4,000 feet long. It is dense, black in color, with occasional phenocrysts of plagioclase and hornblende. It is overlained by V 31.

Basic flows - undifferentiated (V 34) - These flows north of Long Valley were not mapped in detail, but may be correlative with some of the basic flows in this report. They will be described in reports B-6 and C-7.

Andesite and basalt flows and intrusives (V 31) - This unit occurs around Mesa peak and appears to originate in a vent on its side. The basal part of this unit is an agglomerate up to 600 feet thick on the northeast slope of Mesa peak and 50 feet thick on the southwest slope. In places this rock is prophyritic, and partially trachybasalt and trachyandesite.. Basalt flows of this unit may account for the aerial magnetic anomaly southwest of Mesa Peak, but probably not account for the larger magnetic anomaly covering the Afterthought area and extending west and southwest of Mesa peak.

Basalt flows and intrusives (V 30) - This unit occurs co-extensively with V 31, and may be partly intercalated. It is usually dense, black in color, with few phenocrysts, but in places porphyritic, with phenocrysts of plagioclase, sanidine, and hornblende. It contains some andesite and trachybasalt. The vents for these flows appears to be on the side of Mesa peak.

Lacustrine deposits (QS) - Lake sediments, Lahontan in age, occurs along the southwest side of the area, and are up to 280 feet in thickness. They contain a vitric tuff bed that has been mined for pumice, and used locally for pumice blocks. These beds have been tilted and faulted. They extend within 2,500 feet of the Afterthought shaft, to an elevation of 4800 feet.

Alluvium and Sand (Al, S) - Much of the area of interest is obscured by alluvium and wind-blown sand.

Structure

This area lies along the same strike-slip fault zone as the Bounder, Hottentot, and Calico previously mapped and described (1966, Calico Report, Walker Martel files; 1965, Hottentot Report, AIME meeting, Reno). Faulting along this zone since Miocene time appears to be in the order of 2,000 feet with a right lateral movement. Movement of this magnitude could not be detected in the Calico and Afterthought areas. However there is evidence of smaller increments of movement of a right lateral nature in this area. These N 20°N to N 40°N faults are off-set in places by northeasterly faults, part of which is left lateral. This northeasterly set of faults may be equally important in the Afterthought area. There is some evidence that these faults have step-faulted the granitic rocks downwards to the east

towards the Calico area. These two sets of faults mutually cut each other. The IP anomaly in the Afterthought area appears to be along such a N 50°E structure, and the granitic-aplitic intrusive is elongated northeasterly between a N 40°E and a N 50°E fault. Both sets of faults cut the Lahontan lake sediments, with displacements up to 20 feet. There is some evidence of movement along the N 40°W faults in the past few years.

There is a strong possibility that this northwesterly-trending zone has been the structural control for the emplacement of the Mesozoic granitic bodies as well as the Tertiary intrusives and extrusives, and the Quaternary vents and flows. The Calico area appears to have been a center of volcanic activity throughout Tertiart and Quaternary time, while the Mesa peak area appears to have been most active in late Tertiary and Quaternary time.

Doming and other features might be suspected, but must await further study of the areas to the west and north.

Summary

The Afterthought area lies in an area of Mesozoic, intruded by a series of granitic and aphanitic igneous rocks, metamorphosing the sediments to a series of schists, slates, recrystallized limestone, calc-silicates, and skarn. The igneous complex consists of gabbro, diorite, granodiorite, quartz monzonite, fine-grained intrusive(?), granite, alaskite, and pegmatite. These rocks are probably an extension of the dioritic bodies of the Calico area, and may represent a topographic high in Tertiary time. The differentiation of this magma may have provided a mineral-rich solution to form an ore-deposit. The area immediately west of the Afterthought shaft provides a good environment and structural control for such a deposit. IP data indicates an anomaly along this zone, and recent IP work (Oral Com., Redmond) indicates this anomaly bends around to the south. Exploration to the north across the granitic and dioritic areas with IP produced weak to negative results.

Drilling in this area at AF 1, 2, and 3 drill holes indicates interesting mineralization, confirming the ealrier IP anomalies, although not of economic significance. Further drilling should be done in this area and to the southwest and south along the anomaly to adequately test it.

Edmond F. Lawrence
Mining Geologist
Reno, Nevada

April 16, 1966

Trace Analysis

6000 0042 (0540)

Geochemical Surveys

ROCKY MOUNTAIN GEOCHEMICAL LABORATORIES

P. O. Box 2217, 1870 South 2nd West St.
SALT LAKE CITY, UTAH 84110

Phone 466-9172
Area Code: 801

ANALYTICAL REPORT

Date 10/11/65

Client Mr. Wm. L. Wilson
Walker-Martel Mining Co.
1080 Pine Ridge Drive
Reno, Nevada

Report on: 55 rock samples

Submitted by: Mr. Wilson

Date: 9/24/65

Analysis: Copper, Zinc, Lead & Molybdenum

Remarks: All analyses done colorimetrically. One copper assay reported below.

cc: Enc.
file

JJJ:ab

Sample No.	%Copper
AF-3E-14.5N	0.56

All values are reported in parts per million unless specified otherwise. A minus sign ( ) is to be read "less than" and a plus sign (+) "greater than." Values in parenthesis are estimates. This analytical report is the confidential property of the above mentioned client and for the protection of this client and ourselves we reserve the right to forbid publication or reproduction of this report or any part thereof without written permission.

Sample No.	Copper	Zinc	Lead	Molybdenum
AF-3W-Zero	20	10	5	8
AF-3W-1S	30	5	5	4
AF-3W-2S	15	5	5	3
AF-3W-1N	210	5	5	7
AF-3W-7N	25	50	10	22
AF-3W-8N	400	15	5	10
AF-3W-9N	45	30	10	4
AF-3W-10N	60	15	5	4
AF-3W-11N	10	30	5	3
AF-3W-12N	20	30	5	6
AF-9W-Zero	130	10	10	12
Bot. Anom. of 900W -0	180	40	10	7
AF-9W-1S	110	15	10	148
AF-9W-2S	20	10	-5	5
AF-9W-3S	220	10	5	9
AF-9W-4S	20	5	5	3
AF-9W-5S	10	5	5	4
AF-9W-1N	70	115	5	10
AF-9W-2N	85	35	5	3
AF-9W-7N	55	15	10	3
AF-9W-8N	20	20	5	3
AF-9W-9N	45	15	10	6
AF-9W-10N	20	40	-5	4
AF-9W-11N	25	20	5	4
AF-9W-12N	10	5	-5	9

Sample No.	Copper	Zinc	Lead	Molybdenum
AF-9W-13N	20	20	-5	3
AF-9W-15N	15	15	5	2
AF-3E-2N	25	10	-5	2
AF-3E-3N	20	10	-5	3
AF-3E-4N	30	10	10	3
AF-3E-5N	200	15	-5	5
AF-3E-6N	115	45	5	10
AF-3E-11N	65	35	-5	5
AF-3E-12.5N	65	5	5	8
AF-3E-14N	55	95	10	5
AF-3E-14.5N	+1000	100	5	5
AF-3E-15N	20	30	10	3
AF-Dump-Chlor-Zone	130	15	5	29
AF-9E-2N	15	5	-5	3
AF-9E-3N	10	10	5	3
AF-9E-4N	90	10	5	5
AF-9E-5N	50	10	10	28
AF-9E-6N	45	5	5	3
AF-9E-7N	110	10	10	9
AF-9E-8N	300	40	15	43
AF-9E-9N	50	5	10	6
AF-9E-10N	15	45	10	3
AF-9E-13N	15	50	5	3
AF-Skarn in Rd.Cut	105	10	5	4
AF-15E-4N	10	5	5	3

Sample No.	Copper	Zinc	Lead	Molybdenum
AF-15E-5N	15	5	5	3
AF-15E-6N	30	5	5	5
AF-15E-7N	5	80	25	3
AF-15E-8N	5	35	10	3
AF-15E-9N	5	20	5	4

Rocky Mountain Geochemical Laboratories'
Salt Lake City, Utah October 11, 1965

By _____
James J. Johnson

6000 0042 (0540)

Telephone 363-3302

Hand
Sample Serial 7852-7866

ASSAY REPORT
UNION ASSAY OFFICE, Inc.

W. C. WANLASS, President
L. G. HALL, Vice President
G. P. WILLIAMS, Treasurer
LILY M. HOTTINGER, Secretary
P. O. Box 1528
Salt Lake City, Utah 84110

Mine Robert L. Redmond
1080 Pine Ridge
Reno, Nevada

RESULTS PER TON OF 2000 POUNDS

Sept. 17, 1965

NUMBER	GOLD Ozs. per Ton	SILVER Ozs. per Ton	LEAD Wet on Ore	COPPER Per Cent	INSOL. Per Cent	ZINC Per Cent	SULPHUR Per Cent	IRON Per Cent	LIME Per Cent	Per Cent	Per Cent
807R				0.107				59.6			
808R				0.138				57.2			
809R				0.088				56.0			
810R				0.069							
812R				0.050							
813R				0.025							
814R				0.037							
815R				0.018							
816R				0.088							
817R				0.012							
818R				0.037							
819R				0.012							
820R				0.012							
821R				0.069							
545'? 822R				0.025							

AP 1 of 2

Remarks

Charges $ 31.50

W. C. Wanlass

6000 0042 (0540)

ASSAY REPORT

UNION ASSAY OFFICE, Inc.

W. C. WANLASS, President
L. G. HALL, Vice President
G. P. WILLIAMS, Treasurer
LILY M. HOTTINGER, Secretary
P. O. Box 1528
Salt Lake City, Utah 84110

W.L.W

Telephone 363-3302

Hand Sample Serial 11915-11924

Mine Robert L. Redmond
Walker-Martel Mining Co.
1080 Pine Ridge Drive Reno, Nevada

RESULTS PER TON OF 2000 POUNDS

Oct. 26, 1965

NUMBER	GOLD Ozs. per Ton	SILVER Ozs. per Ton	LEAD Wet on Ore	COPPER Per Cent	INSOL. Per Cent	ZINC Per Cent	SULPHUR Per Cent	IRON Per Cent	LIME Per Cent	Per Cent	Per Cer
836 R	None	None									
837 R	None	None									
838 R	None	None									
839 R	Trace	None									
840 R	None	None									
841 R	Trace	None									
842 R	None	None									
843 R	None	None									
844 R	Trace	None									
845 R	Trace	None									

Remarks

Charges $ 30.00

W. C. Wanlass

Trace Analysis

6000 0042 (0540)
Geochemical Surveys
W. L. W.

ROCKY MOUNTAIN GEOCHEMICAL LABORATORIES

P. O. Box 2217, 1870 South 2nd West St.
SALT LAKE CITY, UTAH 84110

Phone 466-9172
Area Code: 801

ANALYTICAL REPORT

Date [illegible]

Client Mr. William Wilson
Walker-Martel Mining Company
[illegible] Pine Ridge Drive
Reno, Nevada

Report on: [illegible] drill core samples

Submitted by: Mr. Wilson

Date: October, 1965

AF 5 of 6

Analysis: Copper & Molybdenum

Remarks: All analyses done colorimetrically.

cc: ✓Enc.
file

JJJ:ab

All values are reported in parts per million unless specified otherwise. A minus sign (−) is to be read "less than" and a plus sign (+) "greater than." Values in parenthesis are estimates. This analytical report is the confidential property of the above mentioned client and for the protection of this client and ourselves we reserve the right to forbid publication or reproduction of this report or any part thereof without written permission.

Sample No.	Copper	Molybdenum
[illegible] 390-400	20	2
[illegible] 380-390	15	3
[illegible] 370-380	120	2
839R 360-370	150	9
840R 350-360	20	5
841R 340-350	55	12
842R 330-340	255	10
843R 320-330	280	8
844R 310-320	330	5
845R 300-310	340	25

Rocky Mountain Geochemical Laboratories
Salt Lake City, Utah October 27, 1965

By James J. Johnson

James J. Johnson

Trace Analysis

Geochemical Surveys
6006 0042 (0540)

ROCKY MOUNTAIN GEOCHEMICAL LABORATORIES

P. O. Box 2217, 1870 South 2nd West St.
SALT LAKE CITY, UTAH 84110

Phone 466-9172
Area Code: 801

ANALYTICAL REPORT

AFTERTHOUGHT

Date 10/11/65

Client Mr. Wm. L. Wilson
Walker-Martel Mining Co.
1080 Pine Ridge Drive
Reno, Nevada

Report on: 55 rock samples

Submitted by: Mr. Wilson

Date: 9/24/65

Analysis: Copper, Zinc, Lead & Molybdenum

Remarks: All analyses done colorimetrically. One copper assay reported below.

cc: Enc.
file

JJJ:ab

Sample No.	%Copper
AF-3E-14.5N	0.56

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Sample No.	Copper	Zinc	Lead	Molybdenum
AF-3W-Zero	20	10	5	8
AF-3W-1S	30	5	5	4
AF-3W-2S	15	5	5	3
AF-3W-1N	210	5	5	7
AF-3W-7N	25	50	10	22
AF-3W-8N	400	15	5	10
AF-3W-9N	45	30	10	4
AF-3W-10N	60	15	5	4
AF-3W-11N	10	30	5	3
AF-3W-12N	20	30	5	6
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AF-9W-1S	110	15	10	148
AF-9W-2S	20	10	-5	5
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AF-9W-4S	20	5	5	3
AF-9W-5S	10	5	5	4
AF-9W-1N	70	115	5	10
AF-9W-2N	85	35	5	3
AF-9W-7N	55	15	10	3
AF-9W-8N	20	20	5	3
AF-9W-9N	45	15	10	6
AF-9W-10N	20	40	-5	4
AF-9W-11N	25	20	5	4
AF-9W-12N	10	5	-5	9

Sample No.	Copper	Zinc	Lead	Molybdenum
AF-9W-13N	20	20	-5	3
AF-9W-15N	15	15	5	2
AF-3E-2N	25	10	-5	2
AF-3E-3N	20	10	-5	3
AF-3E-4N	30	10	10	3
AF-3E-5N	200	15	-5	5
AF-3E-6N	115	45	5	10
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AF-3E-14N	55	95	10	5
AF-3E-14.5N	+1000	100	5	5
AF-3E-15N	20	30	10	3
AF-Dump-Chlor-Zone	130	15	5	29
AF-9E-2N	15	5	-5	3
AF-9E-3N	10	10	5	3
AF-9E-4N	90	10	5	5
AF-9E-5N	50	10	10	28
AF-9E-6N	45	5	5	3
AF-9E-7N	110	10	10	9
AF-9E-8N	300	40	15	43
AF-9E-9N	50	5	10	6
AF-9E-10N	15	45	10	3
AF-9E-13N	15	50	5	3
AF-Skarn in Rd.Cut	105	10	5	4
AF-15E-4N	10	5	5	3

Sample No.	Copper	Zinc	Lead	Molybdenum
AF-15E-5N	15	5	5	3
AF-15E-6N	30	5	5	5
AF-15E-7N	5	80	25	3
AF-15E-8N	5	35	10	3
AF-15E-9N	5	20	5	4

Rocky Mountain Geochemical Laboratories'
Salt Lake City, Utah October 11, 1965

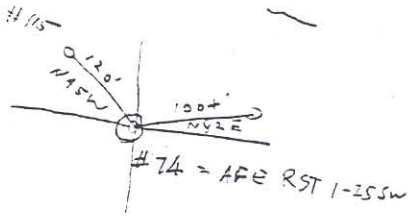
By _____
James J. Johnson

AF2 -
Sample 0 - 300' for Au, Cu, Mo
comb.
if not split, consider crushing

AF1
Same as AF2 possibly go to bottom of hole (≈ 500')

AF3,4: Colony
send samples for Cu, Mo, combine for Au

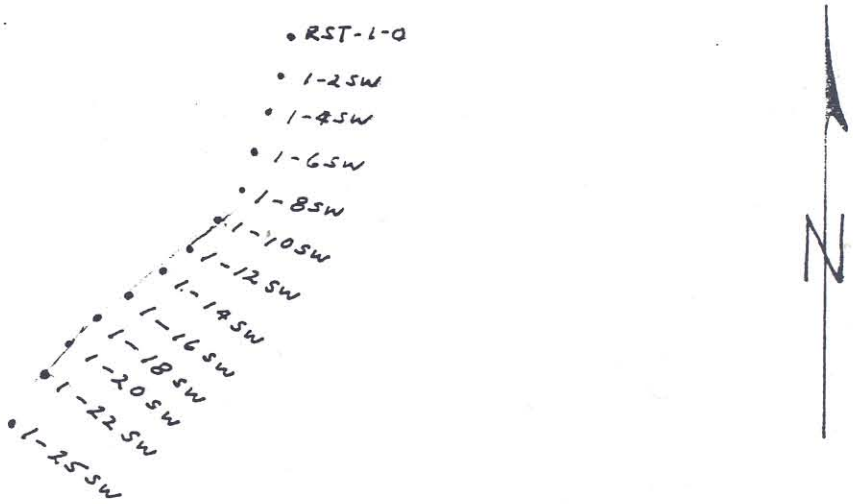
6000 0042 (0540)



6000 0042 (0540)

2	1
11	12

1	6
12	7



11	12
14	13

12	7
13	18

6000 0042 (0540)

AFTERTHOUGHT
Rock Sample Traverse (RST 1)

78

6000 0042 (0540)

ROCKY MOUNTAIN GEOCHEMICAL LABORATORIES

Post Office Box 2217
SALT LAKE CITY, UTAH 84110

322-2396
Phone ~~466-9172~~
Area Code: 801

CERTIFICATE OF ANALYSES

Date May 21, 1966

Client Mr. W. L. Wilson
Walker-Martel Mining Co.
100 Washington Street
Reno, Nevada

Report on: 13 Rock Samples

Submitted by: Mr. Wilson

Date: May 11, 1966

Analysis: Copper and Molybdenum

Remarks: Copper analyzed by atomic absorption. Molybdenum determined by the colorimetric method. One copper assay reported below.

cc: Enc.
file

JJJ:ab

Sample No.	%Copper
1-25-SW	0.86

All values are reported in parts per million unless specified otherwise. A minus sign (−) is to be read "less than" and a plus sign (+) "greater than." Values in parenthesis are estimates. This analytical report is the confidential property of the above mentioned client and for the protection of this client and ourselves we reserve the right to forbid publication or reproduction of this report or any part thereof without written permission.

1 ppm = 0.0001% 1 Troy oz./ton = 34.27 ppm % Mo x 1.6683 = % MoS_2

Sample No.	Copper	Molybdenum
1-0	210	2
1-2-SW	115	1
1-4-SW	10	2
1-6-SW	10	2
1-8-SW	10	3
1-10-SW	5	2
1-12-SW	10	1
1-14-SW	5	1
1-16-SW	10	2
1-18-SW	5	1
1-20-SW	10	1
1-22-SW	30	3
1-25-SW	+1000	1

Rocky Mountain Geochemical Laboratories
Salt Lake City, Utah May 21, 1966

By _____
James J. Johnson

6000 0042 (0540)

ROCKY MOUNTAIN GEOCHEMICAL LABORATORIES

Post Office Box 2217
SALT LAKE CITY, UTAH 84110

Phone 466-9172
Area Code: 801

CERTIFICATE OF ANALYSES

Date: May 11, 1966

Page 1 of 1

Client: Mr. T. L. Wilson
Walker-Murrel Mining Co.
[illegible] Washington Street
[illegible], Nevada

Report on: 15 Rock Samples

Submitted by: Mr. Wilson

Date: May 11, 1966

Analysis: Copper and Molybdenum

Remarks: Copper analyzed by atomic absorption. Molybdenum determined by the colorimetric method. One copper assay reported below.

cc: Mr. [illegible]
file

JJJ:ab

Sample No.	%Copper
1-25-SW	0.86

All values are reported in parts per million unless specified otherwise. A minus sign (—) is to be read "less than" and a plus sign (+) "greater than." Values in parenthesis are estimates. This analytical report is the confidential property of the above mentioned client and for the protection of this client and ourselves we reserve the right to forbid publication or reproduction of this report or any part thereof without written permission.

1 ppm = 0.0001% 1 Troy oz./ton = 34.27 ppm % Mo x 1.6683 = % MoS_2

Sample No.	Copper	Molybdenum
1-0	210	2
1-2-SW	115	1
1-4-SW	10	2
1-6-SW	10	2
1-8-SW	10	3
1-10-SW	5	2
1-12-SW	10	1
1-14-SW	5	1
1-16-SW	10	2
1-18-SW	5	1
1-20-SW	10	1
1-22-SW	30	3
1-25-SW	+1000	1

Rocky Mountain Geochemical Laboratories
Salt Lake City, Utah May 21, 1966

By James J. Johnson

James J. Johnson

60000042 (0540)

SPEED LETTER

TO Mr. Jim Johnson
Rocky Mountain Geochem Lab.
P. O. Box 2217

Salt Lake City, Utah

FROM W. L. Wilson
Walker-Martel Mining Co.

100 Washington Street

Reno, Nevada

SUBJECT Geochemical samples

FOLD

MESSAGE

DATE May 11, 19 66

Jim: We are sending via Greyhound express this date, rock samples as follows:

AFE RST I-0
" " 1-2SW
" " 1-4SW
" " 1-6SW
" " 1-8SW
" " 1-10SW
" " 1-12SW
" " 1-14SW
" " 1-16SW
" " 1-18SW
" " 1-20SW
" " 1-22SW
" " 1-25SW

Please run each for Cu and Mo and report the results to the above address. This is a new address for Walker-Martel, and all future correspondence should be directed thereto.

FOLD

Kindest regards,

SIGNED Bill

Memorandum To: R. L. Redmond From: W. L. Wilson

Subject: Geochemical Samples--Afterthought Prospect

On April 14, 1966, A. K. Wilson, Jr. took the following geochemical samples (rock) from the Afterthought Prospect. The samples represent a traverse from the NE end of the Aplitic intrusive to the SW end, and generally are on 200' centers. The last sample, AFE RST 1-25SW shows abundant visible copper carbonates, and appears to be either a fine-grained intrusive rock or a quartzite?

AFE	RST	1-0	Skarn--calc-silicates, garnet, Fe oxides.
"	"	1-2SW	Skarn as above, some basic granitic rocks included.
"	"	1-4SW	very fine-grained intrusive, some pyrite-limonite.
"	"	1-6SW	aplitic intrusive, a little pyrite-limonite.
"	"	1-8SW	aplitic intrusive, sparse pyrite-limonite.
"	"	1-10SW	aplitic intrusive, very sparse pyrite.
"	"	1-12SW	aplitic intrusive, almost 100% quartz.
"	"	1-14SW	aplitic intrusive.
"	"	1-16SW	aplitic intrusive, sparse pyrite-limonite.
"	"	1-18SW	aplitic intrusive.
"	"	1-20SW	whitish quartz vein material.
"	"	1-22SW	25% of sample aplitic intrusive, 75% skarn.
"	"	1-25SW	Fine-grained intrusive or quartzite?--abundant copper carbonates with some oxidizing sulphides. (pyrite, chalcopyrite)

These samples were forwarded to Rocky Mountain Geochemical Lab. for Cu-Mo determinations per the attached memo, as they had run the previous rock samples taken in this area.

Dated: May 11, 1966

W. L. Wilson

W. L. Wilson

6000 0042 (0540)

Taken 4-14-66

Index list of geochem samples - ~~[illegible]~~ after throut aplitic Intr.

AFE

RST 1-0 Skarn - garnets - calc silicates FeO's

1-2 SW some MG. basic granite Skarn " " "

1-4 SW very FG I some relict pyrite

1-6 SW aplitic intr - a little pyrite - limonite

1-8 SW " " ~~little~~ sp pyrite "

1-10 SW - " " #151 saddle very sp pyrite

1-12 SW aplitic intr nearly all qtz

1-14 SW 60' SW of #152 top of hill apl intr

1-16 SW " " sppy.

1-18 SW " "

1-20 SW whitish qtz vein

1-22 SW 25% apl intr - 75% skarn

1-±25 SW V.I.S. in FG I to quartzite

1 bag no markings

6000 0042 (0540)

WALKER-MARTEL MINING CO.
1080 PINE RIDGE DRIVE
RENO, NEVADA

FAIRVIEW 2-6320
CODE 702

October 26, 1965

SUBJECT: Additional soil samples taken by W. L. Wilson on the Afterthought Prospect to extend line 1500 East both to the north and to the south.

Line 1500 East

1300 N	Soil over red volcanic.
1400 N	Blow sand and soil over volcanic.
1500 N	Blow sand and soil over volcanic.
1600 N	Soil over volcanic.
1700 N	Soil over pink volcanic.
1800 N	Soil over volcanic (may be near intrusive)
1900 N	Soil over breccia (30' South of small dump)
2000 N	Soil over intrusive-metamorphic series--some limonitic alteration.
2100 N	Soil over intrusive-metamorphic series--limonitic alteration--10' N of rock monument.
2200 N	Soil over fine-grained intrusive (possibly some metamorphics included)
2300 N	Soil over fine-grained intrusive (some quartz float)
2400 N	Soil and alluvium over intrusive (some fine-grained, some coarse-grained)
2500 N	Soil over medium to fine-grained intrusive.
400 N	Soil over medium-grained intrusive (repeat sample)
350 N	Limonitic-altered soil over fine-grained intrusive.
300 N	Limonitic-altered soil over fine-grained intrusive.
250 N	Limonitic-altered soil over fine-grained intrusive (may be over altered dike or structure)
200 N	Soil over granodiorite (20' N of #662)
150 N	Soil over granodiorite (15' N of 1/4 Cor 12/13)
100 N	Soil over granodiorite (some limonitic stain)
50 N	Soil over granodiorite.

Line 1500 East, contd.

0	Soil over granodiorite.
50 S	Soil over granodiorite (ridge top)
100 S	Soil over granodiorite.
200 S	Narrow skarn zone over granodiorite (between small prospect pits)
300 S	Soil over granodiorite.
400 S	Soil over granodiorite.
500 S	Soil over granodiorite. (some limonitic alteration?)
550 S	Soil over fine-grained intrusive.
600 S	Soil over granodiorite.
700 S.	Soil over granodiorite (strong limonitic alteration)

Line 1700 East

2500 N	Soil over intrusive-metamorphic series near fault (Apparent strike N 27° E)

6000 0042 (0540)

GEOCHEMICAL SURVEY

PROJECT: AFTERTHOUGHT

DATE:

COLLECTOR: WZW

ANALYSIS BY: WZW

WEATHER:

TOPO SHEET REFERENCE:

REMARKS:

SOIL [X] FRACTURE [ ] ROCK [ ] WASH [ ] STREAM [ ] SPRING [ ] PLANT [ ]

METHOD OF ANALYSIS: 2,2 Biquinoline (Expl. Labs Gear)

LINE & STATION	SAMPLE NO.	HEAVY METALS PPM	COPPER COLD	COPPER HOT	LEAD PPM	ZINC PPM	MERC. PPM	ARSENIC PPM	MOLY PPM		
17 E	25N		2							Hi carb.	
15E	25N		1.5							no	carb
	24N		1							no	"
	23N		1.5							no	"
	22N		1							med	"
	21N		1							hi	"
	20N		1.5							no	"
	19N		1							no	"
	18N		1							lo	"
	17N		1							no	"
	16N		1.5							lo	"
	15N		1							no	"
	14N		1							no	"
	13N		1							lo	carb
15E	4N		1.5							lo	carb
	3.5N		2							med	"
	3N		2							med	"
	2.5N		1.5							lo	"
	2N		2							no	"
	1.5N		1							no	"
	1N		3							lo	"
	.5N		1.5							lo	"
	0		2							lo	"
	.5S		1							med	"
	1S		1							lo	"
	2S		1							no	"
	3S		2							med	"
	4S		2							hi	"
	5S		2							hi	"
	5.5S		1							med	"
	6S		2							lo	"

6000 0042 (0540)

WALKER-MARTEL MINING CO.
1080 PINE RIDGE DRIVE
RENO, NEVADA

FAIRVIEW 2-6320
CODE 702

October 26, 1965

SUBJECT: Additional soil samples taken by W. L. Wilson on the Afterthought Prospect to extend line 1500 East both to the north and to the south.

Line 1500 East

1300 N	Soil over red volcanic.
1400 N	Blow sand and soil over volcanic.
1500 N	Blow sand and soil over volcanic.
1600 N	Soil over volcanic.
1700 N	Soil over pink volcanic.
1800 N	Soil over volcanic (may be near intrusive)
1900 N	Soil over breccia (30' South of small dump)
2000 N	Soil over intrusive-metamorphic series--some limonitic alteration.
2100 N	Soil over intrusive-metamorphic series--limonitic alteration--10' N of rock monument.
2200 N	Soil over fine-grained intrusive (possibly some metamorphics included)
2300 N	Soil over fine-grained intrusive (some quartz float)
2400 N	Soil and alluvium over intrusive (some fine-grained, some coarse-grained)
2500 N	Soil over medium to fine-grained intrusive.
400 N	Soil over medium-grained intrusive (repeat sample)
350 N	Limonitic-altered soil over fine-grained intrusive.
300 N	Limonitic-altered soil over fine-grained intrusive.
250 N	Limonitic-altered soil over fine-grained intrusive (may be over altered dike or structure)
200 N	Soil over granodiorite (20' N of #662)
150 N	Soil over granodiorite (15' N of 1/4 Cor 12/13)
100 N	Soil over granodiorite (some limonitic stain)
50 N	Soil over granodiorite.

Line 1500 East, contd.

0	Soil over granodiorite.
50 S	Soil over granodiorite (ridge top)
100 S	Soil over granodiorite.
200 S	Narrow skarn zone over granodiorite (between small prospect pits)
300 S	Soil over granodiorite.
400 S	Soil over granodiorite.
500 S	Soil over granodiorite. (some limonitic alteration?)
550 S	Soil over fine-grained intrusive.
600 S	Soil over granodiorite.
700 S.	Soil over granodiorite (strong limonitic alteration)

Line 1700 East

2500 N	Soil over intrusive-metamorphic series near fault (Apparent strike N 27° E)

6000 0042 (0540)

GEOCHEMICAL SURVEY

PROJECT:	WEATHER:	REMARKS:
AFTERTHOUGHT		
DATE:	TOPO SHEET REFERENCE:	
COLLECTOR: WW	SOIL [X] FRACTURE [ ] ROCK [ ] WASH [ ] STREAM [ ] SPRING [ ] PLANT [ ]	
ANALYSIS BY: WW	METHOD OF ANALYSIS: 2,2 Biquinoline (Expl. LABS GEOR)	

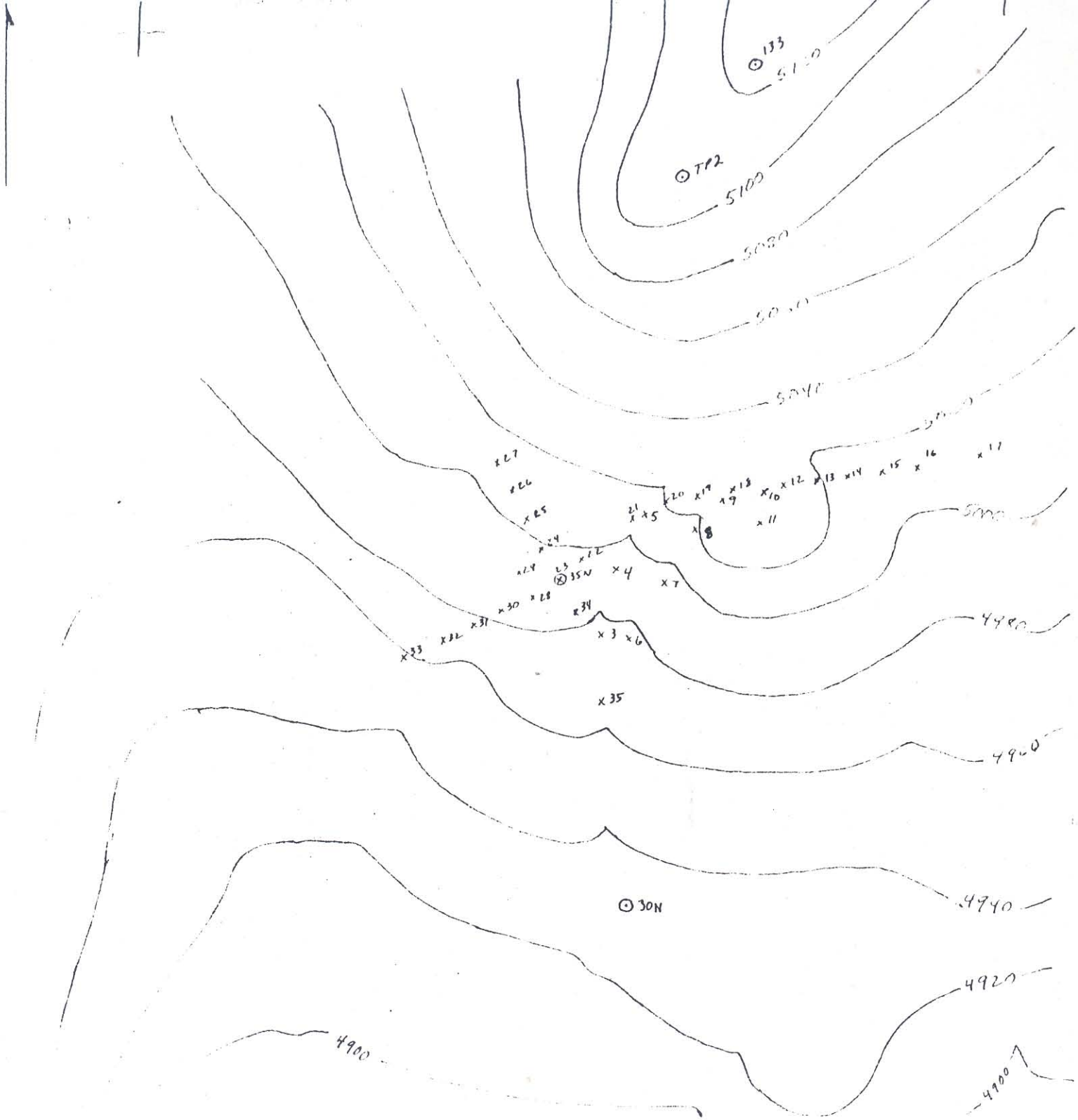
LINE & STATION	SAMPLE NO.	HEAVY METALS PPM	COPPER COLD	COPPER HOT	LEAD PPM	ZINC PPM	MERC. PPM	ARSENIC PPM	MOLY PPM					
17 E	25N		2							Hi carb.				
15E	25N		1.5							no	carb			
	24N		1							no	"			
	23N		1.5							no	"			
	22N		1							med	"			
	21N		1							lo	"			
	20N		1.5							no	"			
	19N		1							no	"			
	18N		1							lo	"			
	17N		1							no	"			
	16N		1.5							lo	"			
	15N		1							no	"			
	14N		1							no	"			
	13N		1							lo	carb			
15E	4N		1.5							lo	carb			
	3.5N		2							med	"			
	3N		2							med	"			
	2.5N		1.5							lo	"			
	2N		2							no	"			
	1.5N		1							no	"			
	1N		3							lo	"			
	.5N		1.5							lo	"			
	0		2							lo	"			
	.5S		1							med	"			
	1S		1							lo	"			
	2S		1							no	"			
	3S		2							med	"			
	4S		tr							lo	"			
	5S		tr							hi	"			
	5.5S		1							med	"			
	6S		2							lo	"			

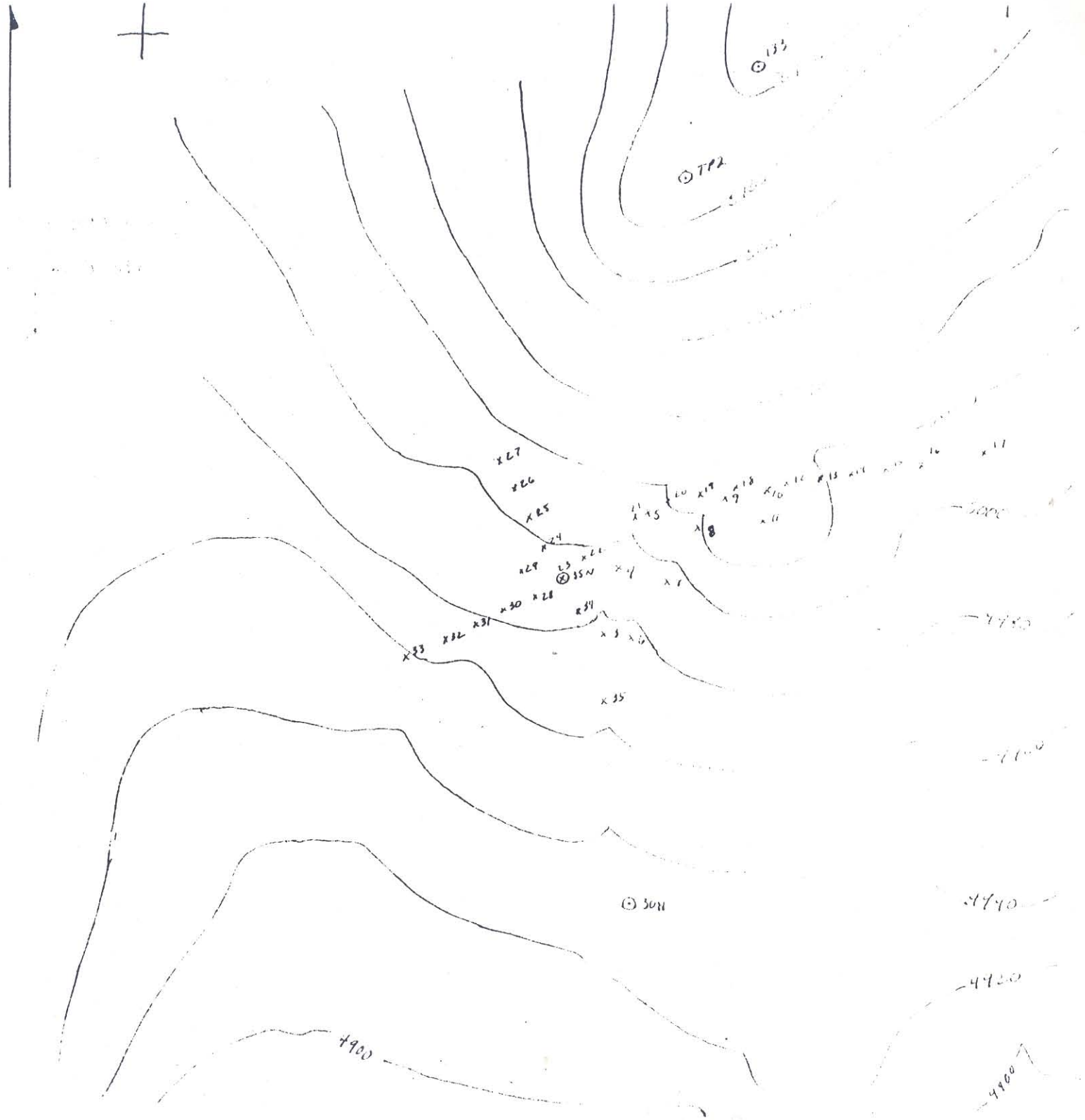
P1 Afterthot Gorchen

4-8-64-1	dump S. Shaft.	0.70
4-8-64-3	100' above -2 3 Y 2	0.05
-4	100' above -3	0.05
-5	wash 100' above-4 15' S of #4	0.05
-6	wash 100' above-2 3 Y 2 6	0.05
-7	wash 100' above-6	0.05
-9	dump #13 50' above -8	0.05
-10	Head of wash 100' above -8 50' N of #3	0.05
-11	Ridge at #3	0.0 SMOKE
-12	small gossan (pit) 50' NE of #3 - 25' E of -10	0.05
-13	50' ELy of -12 along altered zone	0.1 SMOKE
-14	50' E of -13 along alt zone some Hematite showing	0.1
-15	50' ELy of -14 along alt zone	0.3 SMOKE
-16	50' ELy of -15 along alt zone	0.0
-17	100' ELy of -16 along alt zone	0.10
-18	50' W of -12 along alt zone	0.05
-19	50' W of -18 along alt zone 25' W of #13	0.0

P2 Afterchart

4-8-64	-20	50' w of -19 along alt zone	0.0
	21	50' w of 20 along alt zone	0.1
	22	100' w of 21 50' E of AFE 35N	0.05
	-23	50' w of 22 AFE 35N	0.05
	24	50' N of AFE 35N at Lath	0.0
	25-	100 N of 35N	0.0
	26	150' N of 35N	0.0
	27	200' N of 35N	0.15
	28	50' W of 35N 25' S of #14	0.1
	29	small pits 3' E of #14 small mag float	0.1
	30	100' W of 35N	0.1
	31	150' W of 35N	0.1
	32	200' W of 35N	0.0
	33	250' W of 35N 10' W of #24	0.0
	34	50' S of 35N	0.0
	35	#22 (work)	0.0


133
TP2
5100
5080
5040
4980
4940
4920
4900
35N
30N
x 35


TP2
35N
30N
4900

133
TP2
35N
30N
4900

AFTERTHOUGHT PROSPECT

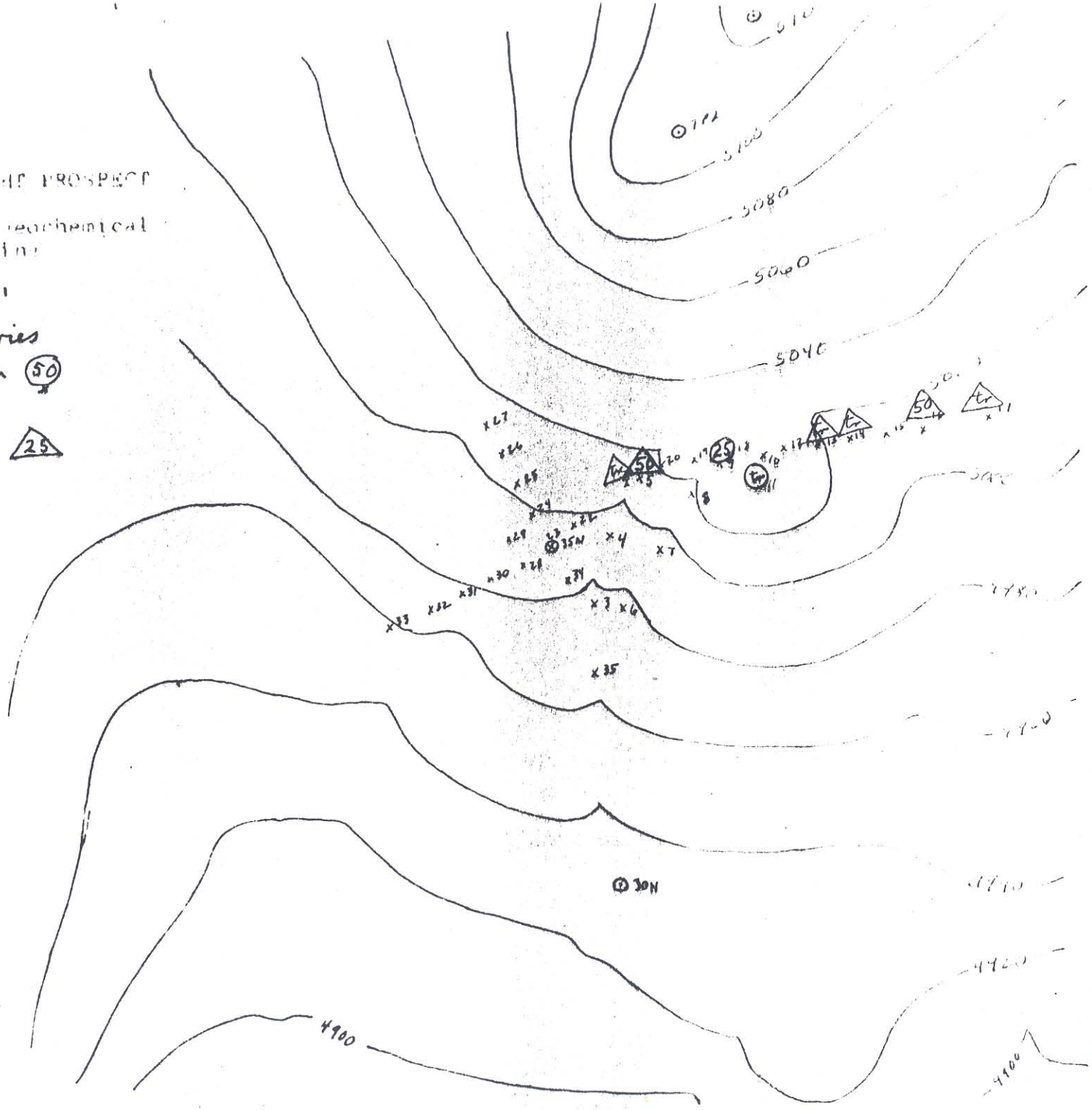
Preliminary geochemical sampling

1" = 200'

4-8-64 series

Lead in ppm (50)
(Fusion)

Zinc in ppm (25)
(Fusion)

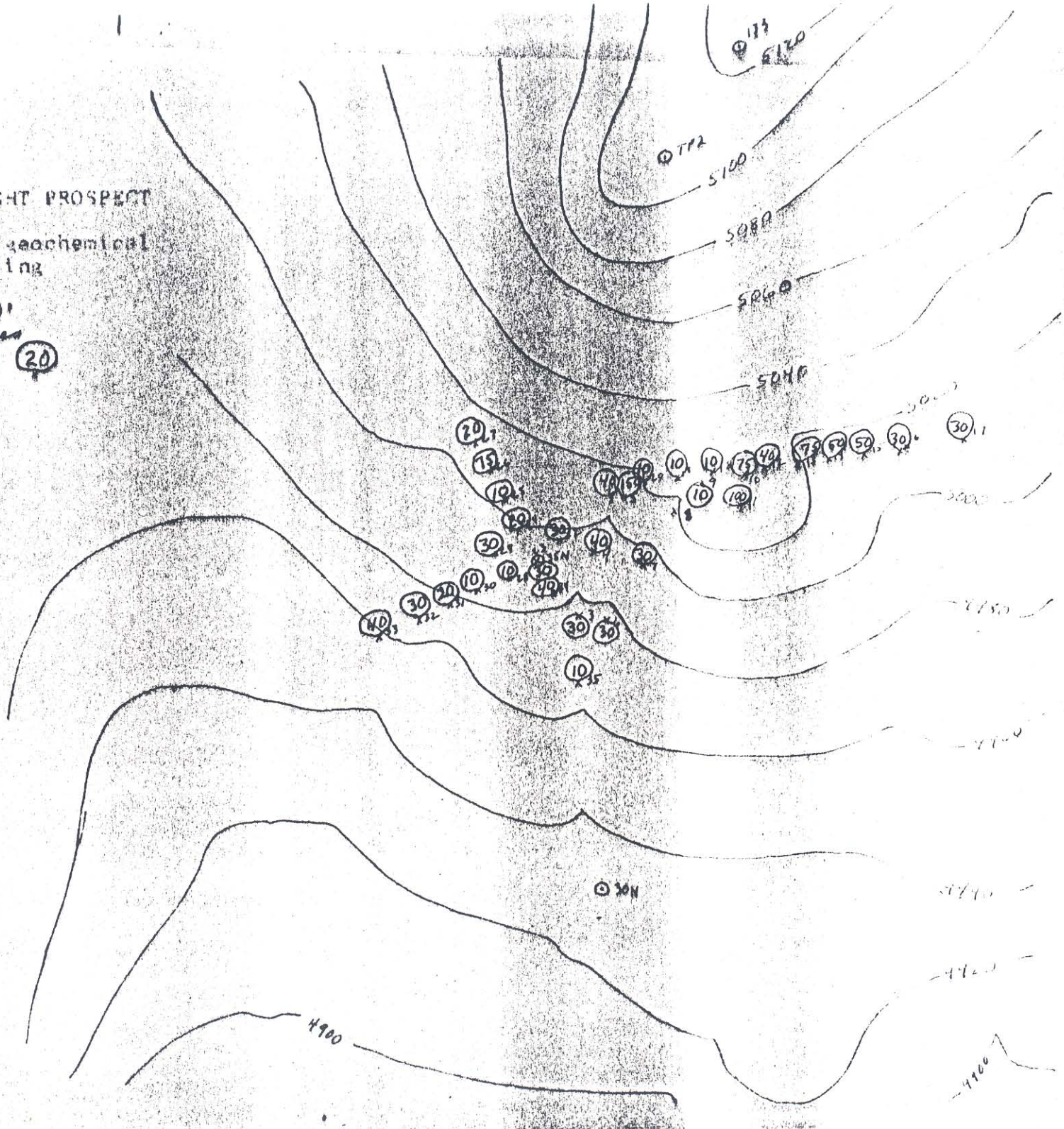


AFTERTHOUGHT PROSPECT

Preliminary geochemical sampling

1" = 200'

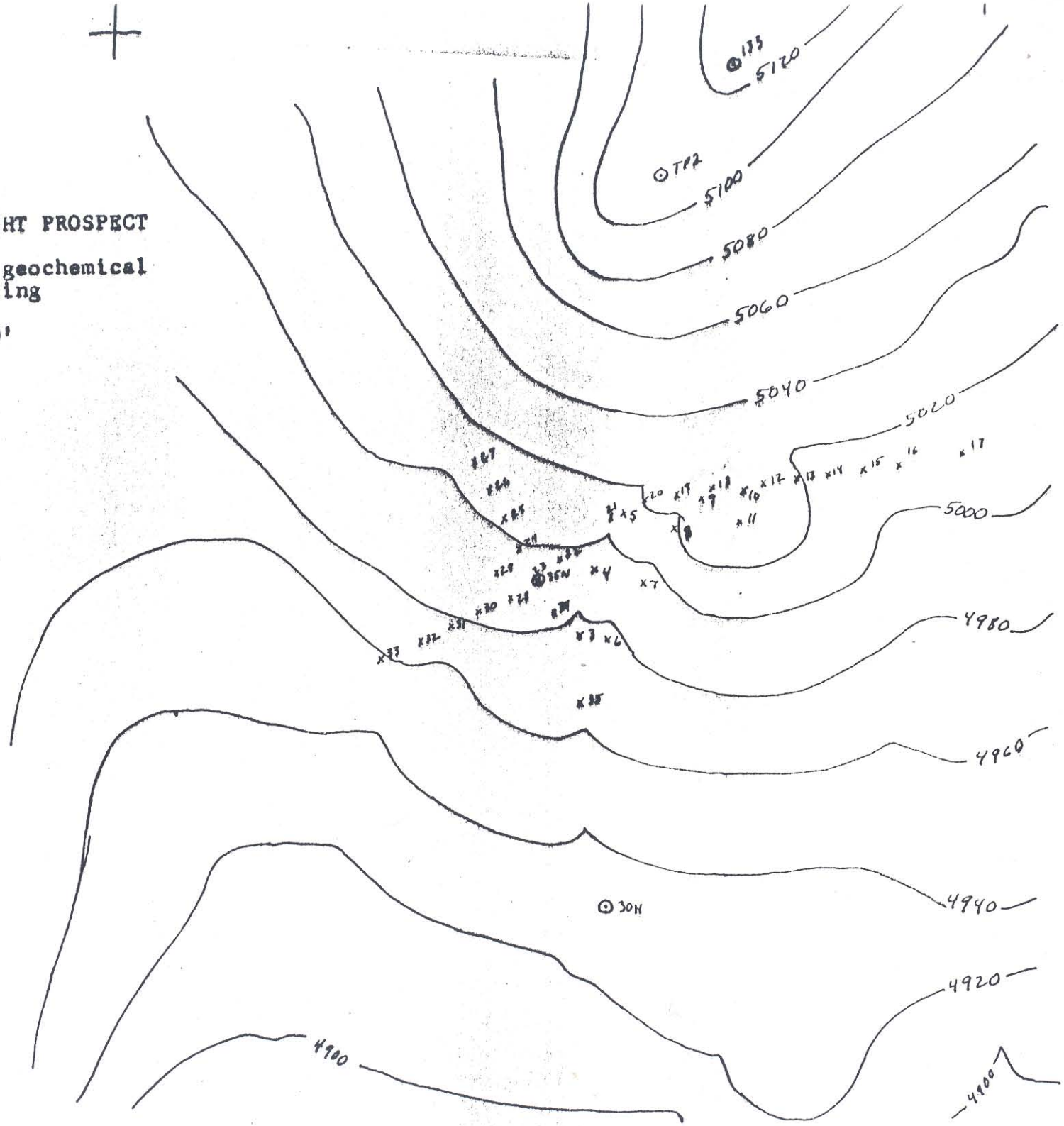
Copper in ppm (20)
(Fusion)

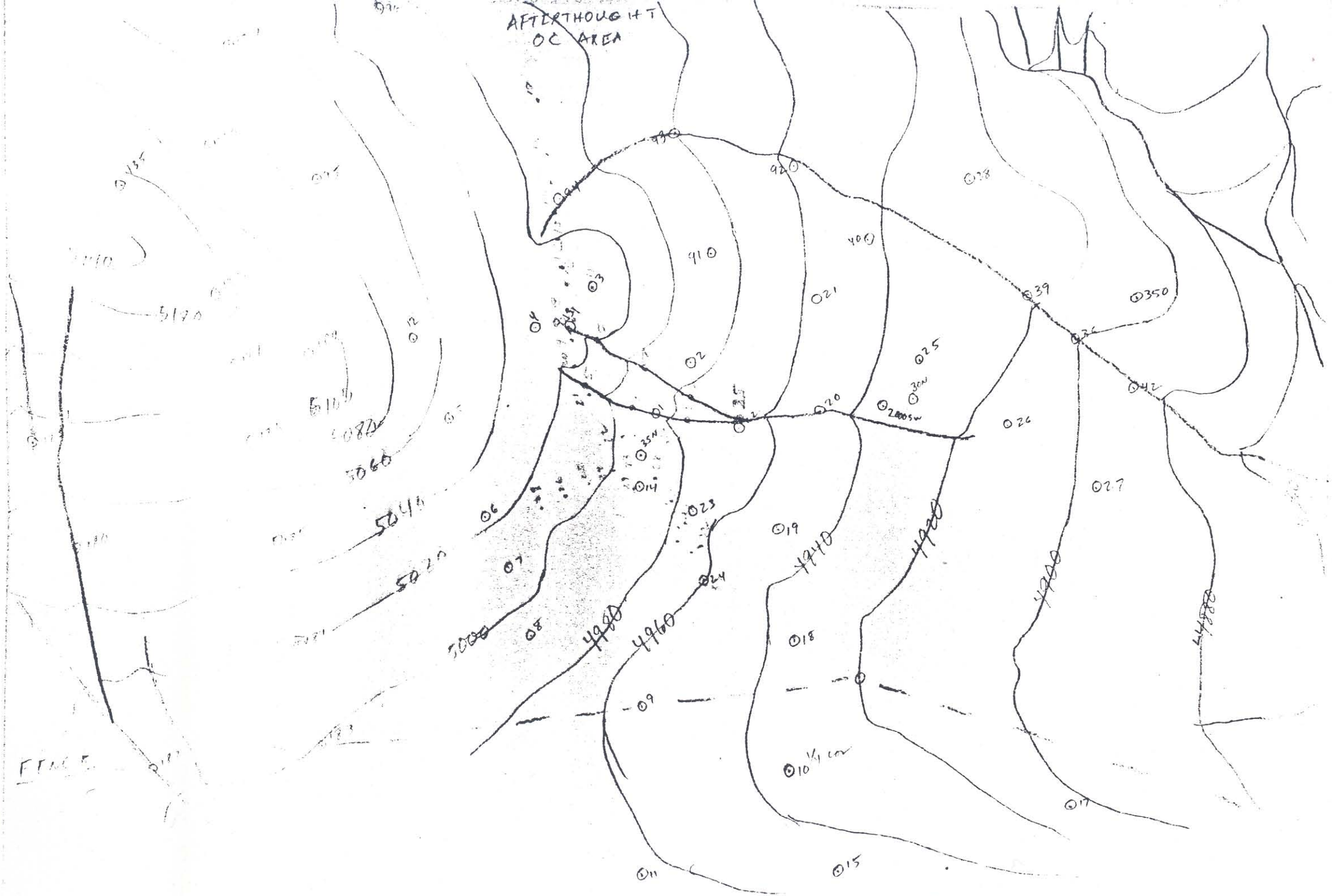


AFTERTHOUGHT PROSPECT

Preliminary geochemical sampling

1" = 200'




AFTERTHOUGHT
OC AREA
5180
5160
5140
5120
5100
5080
5060
5040
5020
5000
4980
4960
4940
4920
4900
4880
910
920
930
900
350
FENCE

7/14/64 For WLW by HJL

Sample #	ppm Cu	ppm Zn	ppm Pb	ppm Mo
4/9/64-15	—	—	—	
" -17	—	50	—	none
" -21	—	—	—	
" -22	—	—	—	
" -23	—	—	—	
" -24	—	—	—	
" -25	10	—	—	
" -26	—	—	—	
" -27	—	—	—	
" -28	—	—	—	
4/8/64-1	—	—	—	
" -3	30	—	—	
" -4	40	—	—	
" -5	150	50	—	
" -6	30	—	—	
" -7	30	—	—	
" -9	10	—	25	
" -10	75	—	—	
" -11	100	—	tr	
" -12	40	—	—	
" -13	75	tr*	—	
" -14	50	tr	—	
" -15	50	—	—	
" -16	30	50	—	
" -17	30	tr	—	
" -18	10	—	—	
" -19	10	—	—	
" -20	10	—	—	
" -21	40	tr	—	
" -22	30	—	—	
" -23	30	—	—	

Sample #	ppm Cu	ppm Zn	ppm Pb
4/8/64-24	20	—	—
" -25	10	—	—
" -26	75	—	—
" -27	20	—	—
" -28	10	—	—
" -29	30	—	—
" -30	10	—	—
" -31	20	—	—
" -32	30	—	—
" -33	40	—	—
" -34	40	—	—
" -35	10	—	—

* tr. means trace of color

Trace Analysis

6000 0042 (0540)
Geochemical Surveys

ROCKY MOUNTAIN GEOCHEMICAL LABORATORIES

P. O. Box 2217, 1870 South 2nd West St.
SALT LAKE CITY, UTAH 84110

Phone 466-9172
Area Code: 801

ANALYTICAL REPORT

AFTERTHOUGHT

Date 10/11/65

Client Mr. Wm. L. Wilson
Walker-Martel Mining Co.
1080 Pine Ridge Drive
Reno, Nevada

Report on: 55 rock samples

Submitted by: Mr. Wilson

Date: 9/24/65

Analysis: Copper, Zinc, Lead & Molybdenum

Remarks: All analyses done colorimetrically. One copper assay reported below.

cc: ✓Enc.
file

JJJ:ab

Sample No.	%Copper
AF-3E-14.5N	0.56

All values are reported in parts per million unless specified otherwise. A minus sign (--) is to be read "less than" and a plus sign (+) "greater than." Values in parenthesis are estimates. This analytical report is the confidential property of the above mentioned client and for the protection of this client and ourselves we reserve the right to forbid publication or reproduction of this report or any part thereof without written permission.

Sample No.	Copper	Zinc	Lead	Molybdenum
AF-3W-Zero	20	10	5	3
AF-3W-1S	20	5	5	4
AF-3W-2S	15	5	5	3
AF-3W-1N	210	5	5	7
AF-3W-7N	25	50	10	22
AF-3W-8N	400	15	5	10
AF-3W-9N	45	30	10	4
AF-3W-10N	60	15	5	4
AF-3W-11N	10	30	5	3
AF-3W-12N	20	30	5	6
AF-9W-Zero	130	10	10	12
Bot. Anom. of 900W -0	180	40	10	7
AF-9W-1S	110	15	10	148
AF-9W-2S	20	10	-5	5
AF-9W-3S	220	10	5	9
AF-9W-4S	20	5	5	3
AF-9W-5S	10	5	5	4
AF-9W-1N	70	115	5	10
AF-9W-2N	85	35	5	3
AF-9W-7N	55	15	10	3
AF-9W-8N	20	20	5	3
AF-9W-9N	45	15	10	5
AF-9W-10N	20	40	-5	4
AF-9W-11N	25	20	5	4
AF-9W-12N	10	5	-5	9

Sample No.	Copper	Zinc	Lead	Molybdenum
AF-9W-13N	20	20	-5	3
AF-9W-15N	15	15	5	2
AF-3E-2N	25	10	-5	2
AF-3E-3N	20	10	-5	3
AF-3E-4N	30	10	10	3
AF-3E-5N	200	15	-5	5
AF-3E-6N	115	45	5	10
AF-3E-11N	65	35	-5	5
AF-3E-12.5N	65	5	5	8
AF-3E-14N	55	95	10	5
AF-3E-14.5N	+1000	100	5	5
AF-3E-15N	20	30	10	3
AF-Dump-Chlor-Zone	130	15	5	29
AF-9E-2N	15	5	-5	3
AF-9E-3N	10	10	5	3
AF-9E-4N	90	10	5	5
AF-9E-5N	50	10	10	28
AF-9E-6N	45	5	5	3
AF-9E-7N	110	10	10	9
AF-9E-8N	300	40	15	43
AF-9E-9N	50	5	10	6
AF-9E-10N	15	45	10	3
AF-9E-13N	15	50	5	3
AF-Skarn in Rd.Cut	105	10	5	4
AF-15E-4N	10	5	5	3

Sample No.	Copper	Zinc	Lead	Molybdenum
AF-15E-5N	15	5	5	3
AF-15E-6N	30	5	5	5
AF-15E-7N	5	30	25	3
AF-15E-8N	5	35	10	3
AF-15E-9N	5	20	5	4

Rocky Mountain Geochemical Laboratories'
Salt Lake City, Utah October 11, 1965

By _____
James J. Johnson

File Aspiring
6000 0042 (0540)

GEOCHEMICAL SURVEY

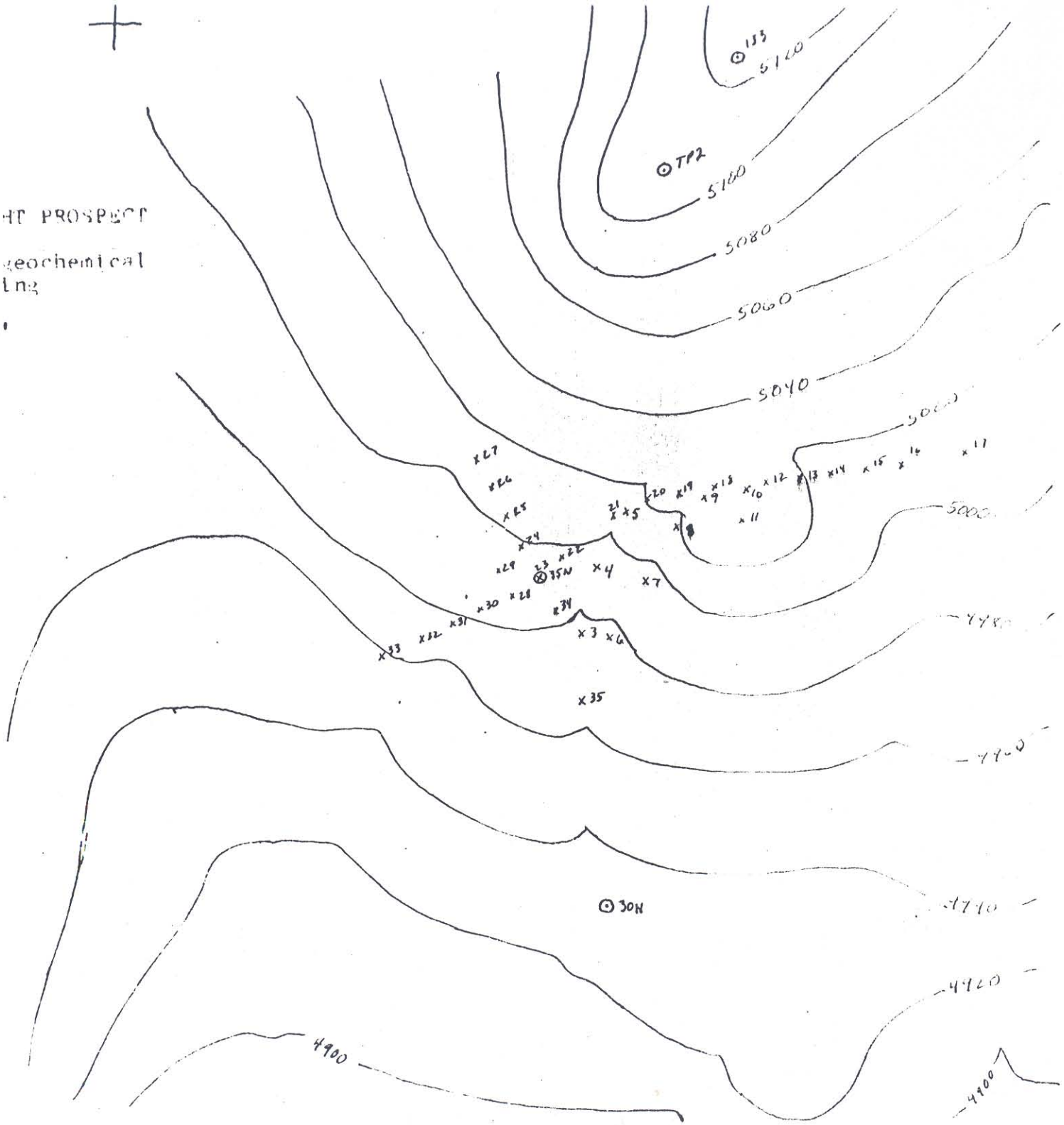
PROJECT: WRPR	WEATHER:	REMARKS:
DATE:	TOPO SHEET REFERENCE:	
COLLECTOR: WSW	SOIL ☐ FRACTURE ☐ ROCK ☐ WASH ☐ STREAM ☐ SPRING ☐ PLANT ☐	
ANALYSIS BY: HJL	METHOD OF ANALYSIS:	

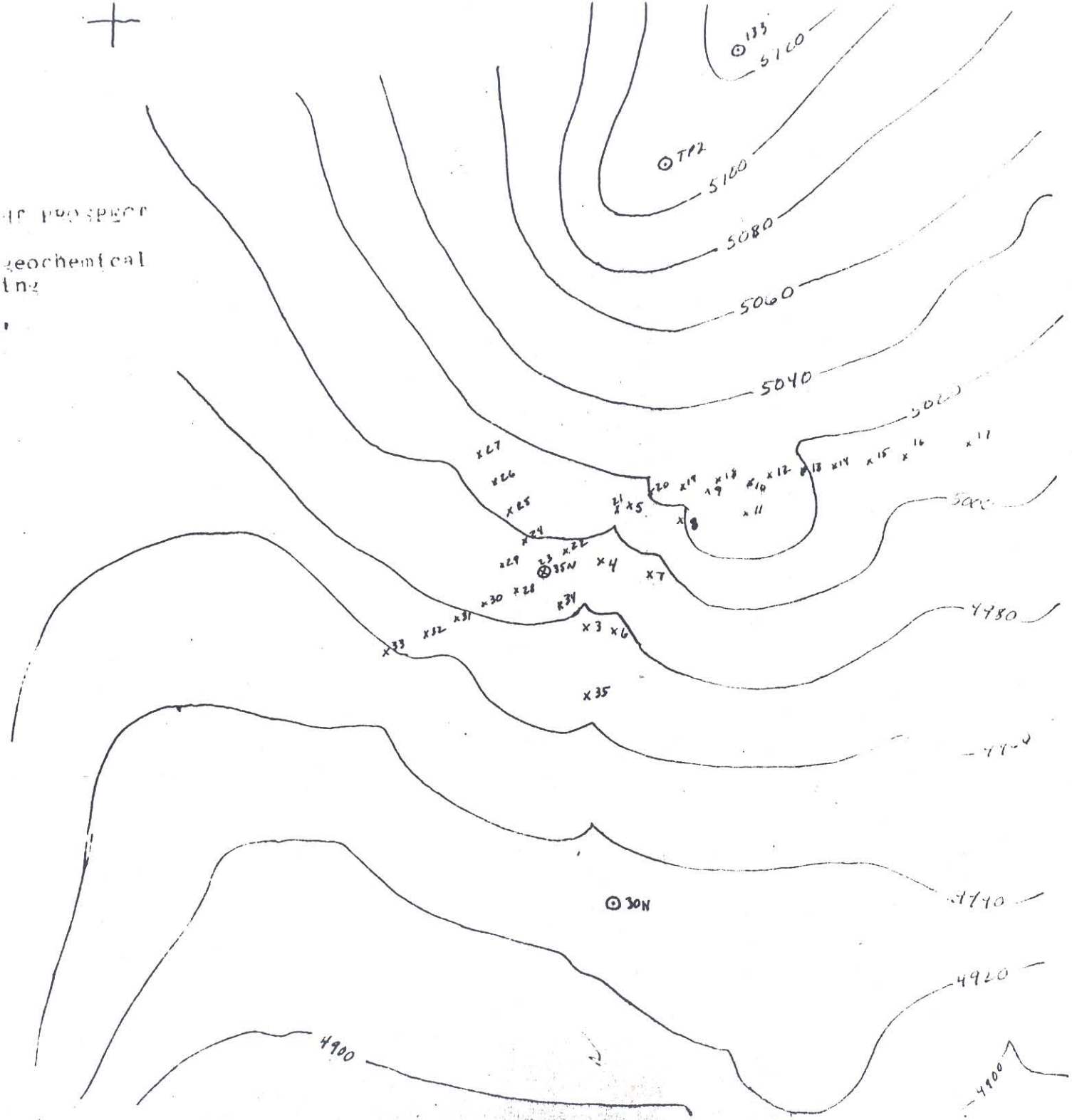
LINE & STATION	SAMPLE NO.	HEAVY METALS PPM	COPPER COLD	COPPER HOT	LEAD PPM	ZINC PPM	MERC. PPM	ARSENIC PPM	MOLY PPM					
4-3-63	-1	1								ASPIRING CANYON			BASE "0"	
	2	1											50' N	
	3	0											100' E	
	4	1											200 E	
	5	1											300 E	
	6	1											400 E	
	7	0											500 E	
	8	0											500 E + 40 N	DTE
	9	1											600 E	
	10	0											700 E	
	11	1											700 E	SIDEWASH N
	12	1											800 E	
	13	1											900 E	
	14	1											900 E	SIDEWASH S
	15	0											1000 E	
	16	0											1100 E	BELOW DIKE
	17	1											1200 E	
	18	1											1300 E	
	19	1											1400 E	
	20	1											1400 E	30 N
	21	1											1500 E	
	22	0											1700 E	
	23	1											1900 E	
	24	0											2100 E	
	25	NO	SAMPLE									NO	SAMPLE	
	26	0											2500 E	SE of ~~[illegible]~~
	27	0											DTE on PLAT.	
	28	3		10	50	tr							SMALL SWAMP	
	29	0								PYRAMID CANYON -			Kd.	
	30	1									UPPER SWITCHBACK			4363-1
	31	1								500' down canyon				
	32	0								850' "	"			
	33	0								1100' "	"			
	34	0								1500' "	"			
	35	0								2000' "	"			
	36	3		10	—	50				2300' "	"		Red-Br.	Dump
	37	1								2500' "	"			
	38	1								3000' "	"		CANYON	MOUTH
	39	1								3500' "	"			

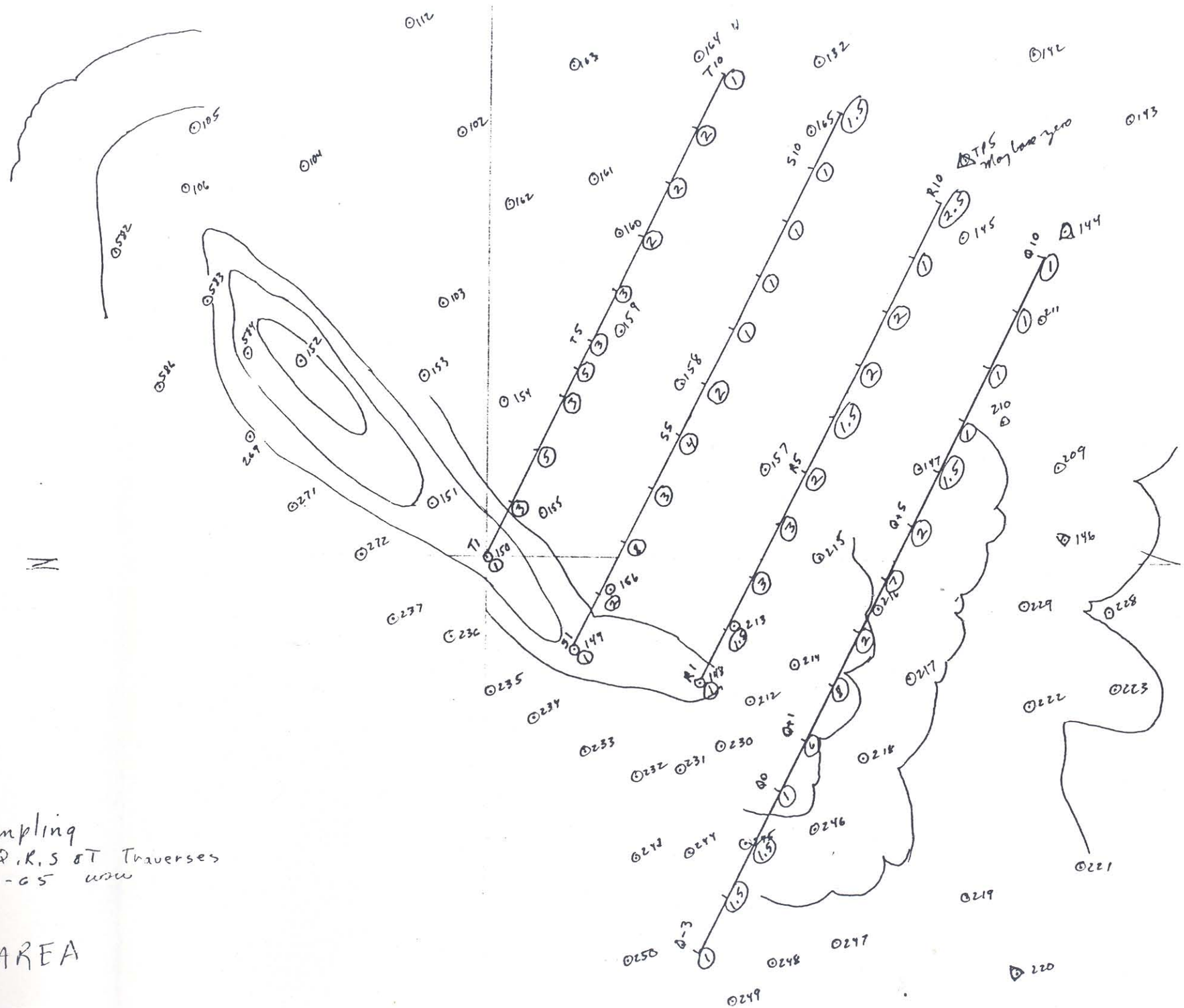
AFTERTHOUGHT PROSPECT

Preliminary geochemical sampling

1" = 200'




Preliminary geochemical sampling
1" = 200'
133
5120
TP2
5100
5080
5060
5040
5020
4980
4940
4920
4900
35N
30N



Geochem sampling
Cold Cu Q, R, S & T Traverses
(2) in ppm 10-3-65 WSW

AFE
SKARN AREA

GEOCHEMICAL SURVEY

DH1 AF 3

Project:	Weather:	Remarks:
AFTERTHOUGHT		
Date:	Topo Sheet Reference:	
Collector:	Soil ☐ Fracture ☐ Rock ☐ Wash ☐ Stream ☐ Spring ☐ Plant ☐	
Analysis By:	Method of Analysis:	

7)F 3 Line & Station	Lht Sample No.	Heavy Metals PPM	Copper (Cold) PPM	Copper PPM	Lead PPM	Zinc PPM	Merc. PPM	Arsenic PPM	Moly PPM	Gold PPM				
0-10				240					11	-0.05				
10-20				50					1	-0.05				
20-30				120					11	-0.05				
30-40				600					6	-0.05				
40-50				100					2	-0.05				
50-60				80					3	-0.05				
60-70				60					2	-0.05				
70-80				95					1	-0.05				
80-90				85					1	-0.05				
90-100				100					-1	-0.05				
100-110				125					2	-0.05				

GEOCHEMICAL SURVEY

AF 4

Project: AFTERTHOUGHT

Weather:

Remarks:

Date:

Topo Sheet Reference:

Collector:

Soil ☐ Fracture ☐ Rock ☐ Wash ☐ Stream ☐ Spring ☐ Plant ☐

Analysis By:

Method of Analysis:

AF 4 Line & Station	Sample No.	Heavy Metals PPM	Copper (Cold) PPM	Copper PPM	Lead PPM	Zinc PPM	Merc. PPM	Arsenic PPM	Moly PPM	Gold PPM				
0-10														
10-20														
20-30				75					2	-0.05				
30-40				50					2	-0.05				
40-50				220					3	-0.05				
50-60				140					5	-0.05				
60-70				250					6	-0.05				
70-80				250 [redacted]					3	-0.05				
80-90				168 [redacted]					8	-0.05				
90-100				202 [redacted]					10	-0.05				
100-110				180					4	-0.05				
110-120				100					3	-0.05				
120-130				65					2	-0.05				
130-140				55					6	-0.05				
140-150				65					6	-0.05				
150-160				70					8	-0.05				
160-170				50					5	-0.05				
170-180				65					11	-0.05				

GEOCHEMICAL SURVEY

DH: AF 4

Project:	Weather:	Remarks:
AFTERTHOUGHT		
Date:	Topo Sheet Reference:	
Collector:	Soil ☐ Fracture ☐ Rock ☐ Wash ☐ Stream ☐ Spring ☐ Plant ☐	
Analysis By:	Method of Analysis:	

AF 4 Line & Station	Int. Sample No.	Heavy Metals PPM	Copper (Cold) PPM	Copper PPM	Lead PPM	Zinc PPM	Merc. PPM	Arsenic PPM	Moly PPM
0-5									
5-15									
15-25									5T
25-35				70	10	85			5T 5
35-45				90	10	40			9 5
45-55				180	10	40			9 9
55-65				160	10	75			8 8
65-75				365	10	200			5T 8
75-85				170	20	140			7 5
85-95				175	5	65			10 7
95-105				235	10	390			4 10
105-115				150	15	650			5T 4
115-125				85	25	340			4 5
125-135				45	5	120			7 4
135-145				60	5	110			6 9
145-153				75	10	85			10 6
153-165				70	10	55			6 10
165-175				50	5	50			5T 6
175-180 175-185				75	10	175			5

GEOCHEMICAL SURVEY

DH: AF 5

Project:	Weather:	Remarks:
AFTERTHOUGHT		
Date:	Topo Sheet Reference:	
Collector:	Soil ☐ Fracture ☐ Rock ☐ Wash ☐ Stream ☐ Spring ☐ Plant ☐	
Analysis By:	Method of Analysis:	

AF 5 Line & Station	Lab. Sample No.	Heavy Metals PPM	Copper (Cold) PPM	Copper PPM	Lead PPM	Zinc PPM	Merc. PPM	Arsenic PPM	Moly PPM
0-5									
5-10									
10-15									
15-25									
25-35									
35-45									
45-55									
55-65									
65-75									
835-845	AF5-1			5	15	440			5
845-855	AF5-2			10	10	400			4
855-865	AF5-3			10	10	210			3
865-875	AF5-4			10	15	710			2
875-880 875-885	AF5-5			30	10	175			5
880-890 885-895	AF5-6			45	10	115			6
890-900 895-905	AF5-7			120	55	230			8
900-910 905-915	AF5-8			110	10	90			7
910-920 915-925	AF5-9			170	10	140			6

GEOCHEMICAL SURVEY

DH AF 6

Project:	Weather:	Remarks:
AFTERTHOUGHT		
Date:	Topo Sheet Reference:	
Collector:	Soil ☐ Fracture ☐ Rock ☐ Wash ☐ Stream ☐ Spring ☐ Plant ☐	
Analysis By:	Method of Analysis:	

T/F 6 Line & Station	Sample No.	Heavy Metals PPM	Copper (Cold) PPM	Copper PPM	Lead PPM	Zinc PPM	Merc. PPM	Arsenic PPM	Moly PPM	Gold	Silver			
300-310	25 wm			.012						TRACE	NONE			
363-379	26 wm			.018						TRACE	NONE			
480-484	5 wm			.006						TRACE	NONE			
642-654	8 wm			.012						TR	.10			
654-666	9 wm			.012						NO	NO.			
666-678	10 wm			.018						TR	NO.			
678-690	11 wm			.018						.005	NO.			
683-696	50 wm			.006						TR	NO.			
754-762	49 wm			.006						.005	NO			
836-844	48 wm			.025	NO					.010	NO			
888-898	47 wm			.006						TR	NO			

60000042 (0540)

WALKER-MARTEL MINING CO.
1080 PINE RIDGE DRIVE
RENO, NEVADA

FAIRVIEW 2-6320
CODE 702

September 21, 1965

SUBJECT: Rock & Soil geochemical Samples taken on the Afterthought Prospect. Rock samples collected by A. K. Wilson, Jr. Soil Samples collected by WM. L. Wilson.

Line 900East

1300 N	Volcanic material 25' N of road in wash
1200 N	Qal--blow sand
1100 N	Qal--blow sand
1000 N	Some blow sand with soil, volcanic bedrock
900 N	Contact between gray volcanic and fine-grained intrusive-metamorphic series. (rock sample from the intrusive side)
800 N	Soil over fine-grained intrusive (somewhat gossany)
700 N	Soil over fine-grained intrusive (gossany)
600 N	Soil over medium to fine-grained intrusive
500 N	Soil over fine-grained intrusive but near contact with medium-grained intrusive
400 N	Soil over medium-grained intrusive--some xenoliths of carbonate rocks nearby
300 N	Thin soil over medium-grained intrusive
200 N	Thin soil over medium-grained intrusive

Line 300 East

1500 N	Light gray volcanic (celadonitic?)
1465 N	Brick-red hematitic zone
1400 N-B	Red-brown gossan zone (metamorphic of some kind)
1400 N-A	Fine-grained intrusive near contact with red-brown gossan
1300 N	Soil over fine-grained intrusive (some visible cu carb.)
1250 N	Fine-grained intrusive
1200 N	Soil over fine-grained intrusive (drill site AF3)
1100 N	Soil over fine-grained intrusive

Line 300 East, contd.

1000 N	No samples--contaminated by AF 1 drilling
900 N	Qal--blow sand
800 N	Qal--blow sand but some rock exposed in drill site AF 2
700 N	Soil over calc-silicate rocks
600 N	Soil over fine-grained intrusive near breccia & skarn?
500 N	Soil over fine-grained intrusive
400 N	Soil over intrusive (fine-grained)--some gossan developed in soil (garnetiferous) (near contact with medium-grained intrusive)
300 N	Soil over medium to fine-grained intrusive
200 N	Soil over medium-grained intrusive
100 N	Soil over small gossan in medium-grained intrusive (small xenolith of carbonate here)

Line 300 West

1200 N	Reddish-purple vitric tuff (little soil developed)
1100 N	Soil over reddish-purple vitric tuff
1000 N	Soil over fine-grained intrusive-metamorphic series
900 N	Soil over fine-grained intrusive-metamorphic series
800 N	Stream sediment just north of main road in wash (soil) fine-grained intrusive (rock)
700 N	Qal--blow sand
600 N	Qal--blow sand
500 N	Qal--blow sand (offset 20' west because of old tin can dump)
400 N	Qal--blow sand (Drill site AF 4--may be some interference from tin can dump)
300 N	Qal--blow sand
200 N	Qal--blow sand
100 N	Mixed soil and blow sand over fine-grained intrusive-metamorphic series
Zero	Soil over fine to medium-grained intrusive

Line 300 West, contd.

100 S	Soil over medium-grained intrusive about 15' below altered dike
200 S	Soil over medium-grained intrusive

Line 900 West

1500 N	Mixed blow sand and soil over red volcanic
1400 N	Qal--blow sand
1300 N	Soil over fine to medium-fine-grained intrusive
1200 N	Soil over metamorphics
1100 N	Soil over metamorphics
1000 N	Soil over metamorphics
900 N	Soil over metamorphics
800 N	Soil over metamorphics
700 N	Soil over metamorphics
600 N	Stream sediments, main wash
500 N	Qal--blow sand
400 N	Qal--blow sand
300 N	Qal--blow sand
200 N-A	Qal--blow sand
200 N-B	Soil over fine-grained intrusive-metamorphic series 50' East of line
100 N	Qal--blow sand
Zero	Qal--blow sand + some soil over intrusive?
100 S	Soil over fine-grained intrusive-metamorphic series
200 S	Soil over fine-grained intrusive-metamorphic series
300 S	Soil over fine-grained intrusive
400S	Soil over medium-grained intrusive
500 S	Soil and blow sand over volcanics

Line 1500 East

1200 N	Soil over light vitric tuff
1100 N	Soil over light vitric tuff
1000 N	Soil over light vitric tuff
900 N	Some stream sediments--but mostly soil over light vitric tuff
800 N	Qal--blow sand
700 N	Qal--blow sand with some soil over red tuffaceous volcanic
600 N	Soil over fine-grained intrusive near contact with medium-grained intrusive
500 N	Soil over fine to medium-grained intrusive (Station # 670 at same location as 500 N 1500 E)
400 N	Soil over medium-grained intrusive

6000 0042 (05210)

GEOCHEMICAL SURVEY

PROJECT: AFTERTHOUGHT

DATE: 9-28-65

COLLECTOR: WJW

ANALYSIS BY: WJW

WEATHER:

TOPO SHEET REFERENCE:

REMARKS:

SOIL [X] FRACTURE [ ] ROCK [ ] WASH [ ] STREAM [ ] SPRING [ ] PLANT [ ]

METHOD OF ANALYSIS: 2,2 Biquinoline (Exploration Labs). .2 gm sample

LINE & STATION	SAMPLE NO.	HEAVY METALS PPM ZE	COPPER COLD	COPPER HOT	LEAD PPM	ZINC PPM	MERC. PPM	ARSENIC PPM	MOLY PPM
T	1		1						
	2		3						
	3		5						
	4		3						
	4.5		5						
	5		3						
	6		3						
	7		2						
	8		2						
	9		2						
	10		1						
S	1		1						
	2		2						
	3		8						
	4		3						
	5		4						
	6		2						
	7		1						
	8		1						
	9		1						
	10		1						
	11		1.5						
R	1		1						
	2		1.5						
	3		3						
	4		3						
	5		2						
	6		1.5						
	7		2.						
	8		2						
	9		1						
	10		2.5						
Q	+1	8	6						
	2	13	8						
	3	3	2						
	4	7	7						
	5	5	2						
	6	5	1.5						
	7	3	1						
	8	3	1						
	9	3	1						
	10	3	1						
Q	0	3	1						
Q	-1	3	1.5						
Q	-2	5	1.5						
Q	-3	3	1						

File AFTER THOUGHT
6000 0042 (0540)

GEOCHEMICAL SURVEY

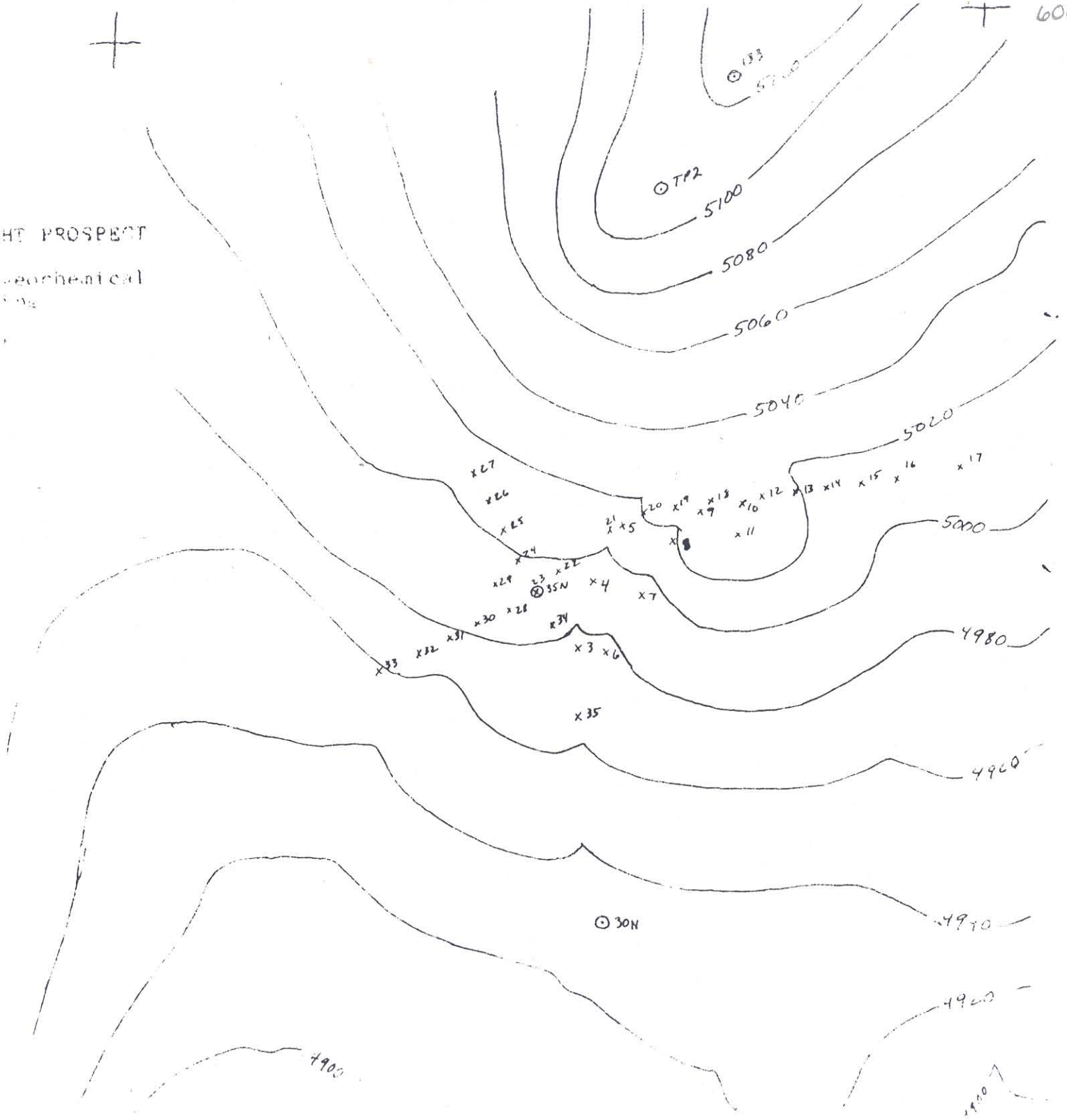
PROJECT: WRPR
DATE:
COLLECTOR: WJW
ANALYSIS BY: HJL
WEATHER:
TOPO SHEET REFERENCE:
REMARKS:
SOIL ☐ FRACTURE ☐ ROCK ☐ WASH ☐ STREAM ☐ SPRING ☐ PLANT ☐
METHOD OF ANALYSIS:

LINE & STATION	SAMPLE NO.	HEAVY METALS PPM	COPPER COLD	COPPER HOT	LEAD PPM	ZINC PPM	MERC. PPM	ARSENIC PPM	MOLY PPM				
6-9-64	-1			10	—	—			—	LINE "0"	3500 N	AFTER THOUGH	
	2			10	—	—			—		3000 N		
	3			—	—	—			—		2500 N		
	4			—	—	—			—		2000 N		
	5			—	tr	—			—		1500 N		
	6			—	tr	—			—		1250 N		
	7			10	tr	—			—		1000 N		
	8			10	—	—			—		750 N		
	9			20	—	—			—		500 N		
	10			—	—	—			—		250 N		
	11			10	—	—			—		"0"		
	12			150	—	—			16	DUMP-300' SHAFT			
	13			—	—	—			—		250 S		
	14			—	—	—			—		500 S		
	15			—	—	—					1000 S		
	16			—	—	—			—	L 900 W	1500 N		
	17			—	—	50			—		1000 N		
	18			—	—	—			—		500 N		
	19			10	—	—			—		0		
	20			—	—	—			—		500 S		
	21			—	—	—					1000 S		
	22			—	—	—				L 600 W	1500 N		
	23			—	—	—					1000 N		
	24			—	—	—					500 N		
	25			10	—	—					0		
	26			—	—	—					500 S		
	27			—	—	—					1000 S		
	28			—	—	—				L 300 E	1000 S		
4-8-64	-1			—	—	—				AFTER HOT (SEE ATTACHED MAP FOR LOCATIONS)			
	3			30	—	—							
	4			40	—	—							
	5			150	—	50							
	6			30	—	—							
	7			30	—	—							
	9			10	25	—							
	10			75	—	—							
	11			100	tr	—							
	12			40	—	—							
	13			75	—	tr							
	14			50	—	tr							
	15			50	—	—							
	16			30	—	50							
	17			30	—	tr							
	18			10	—	—							
	19			10	—	—							
	20			10	—	—							
	21			40	—	tr							
	22			30	—	—							
	23			30	—	—							
	24			20	—	—							
	25			10	—	—							
	26			75	—	—							
	27			20	—	—							
	28			10	—	—							
	29			30	—	—							
	30			10	—	—							
	31			20	—	—							
	32			30	—	—							
	33			40	—	—							
	34			40	—	—							
	35			10	—	—							

6000 0042 (0540)

AFTERTHOUGHT PROSPECT

[illegible] geochemical
[illegible]



60000042 (05410)

AF Holes – Record of Assaying

AF1 – Lith log.

Spec on core @ 101'

~~911R~~ Cold Cu WLW 15 to 100'

AF2 – Lith log

911R 30-33' Au, Ag, Pb, Cu, Zn

954R 550-560' " " " "

953R 600-610 " " " "

cold Cu WLW 5-33'

AF3.

AF4 0-180 cold Cu WLW

25-180 Cu, Mo, Pb, Zn

AF5

1 to 9 (835-920') ~~(footage unk.)~~ Cu, Mo, Pb, Zn

AF6 8-11 WM (692-690) Au, Ag, Cu | 300-310, 363-379 25.26 WM Au, Ag, Cu

898'

47-51 WM – (480-498 at scattered intervals) Au, Ag, Pb, Cu, Mo

2/

Setup at 200 mV Line 0

	mV
100 N	-5
200 N	+1
300 N	-5
400 N	-11.5
500 N	+1
600 N	-6
700 N	-8.5
800 N	-18
850 N	-22.5
900 N	-21.5
940 N	-19 end of wire
1000 N	

Transf. to data sheet 2-24-65 WRW

Clear warm still wind [illegible]

Feb 17-1965 SP - AFTERTHOUGHT

Setup at 200 N Line 0 P PD = 0

	mV		mV
50 S			
100 S	T ~~[illegible]~~ -16.5	1100 S	-10
200 S	+10.5	1200 S	-17.5
300 S	-3	1300 S	-18.5
	+1		
400 S	-1	1400 S	-26
500 S	(25 N) -5.5	1500 S	(5 N) -14
600 S	-4	1600 S	-7
700 S	-6.5	1700 S	-14
800 S	-7.5	1800 S	-17
		1850	-16.5
900 S	-1.5		
1000 S	(10 N) -9		

Transferred to data sheet 2-24-65

6000 0042 (0540)

	7-27-64	SP AFE	WSW-ARW for 4'0"		1/6
	setup McPhar	at 10 Top Scale	N	PD = 0	Corr Reading
1100 N	-25 -23 Mv	-3.8 -3.4			-24
~~1200 N~~	-18 -16	-2.0 -1.7			
1150	-16	-1.0	still building		-16
New 1200	-25	-4.5			-25
1250	-14	-2.4			-14
1300	-15	-3.5			-15
1400	+17	+3.0			+17
1500	+13 +17	1.9 +2.2			+15
1600	-18	-3.2			-18
1700	-4	-0.6			-4
1800	-7	-1.2	Rapid shift + to -		-7
1900	+1	+0.4	slow shift + to -		+1
~~2000~~ 1950	+15	+2.0	slow shift - to +		+15
	set up 10 N				
	-12	-0.1		dry	
900	+2	+0.4		wet	+2
	-5	0		dry	
800	+17	+3.0		wet	+17
	0	0		dry	
700	+26	+2.1		wet	+26
	-12	-0.2		dry	
600	+4	+0.6		wet	+4
500	-22	0		dry	
	+16	+0.7		wet	+16

					2/6
	7-27-64				
bottom of wash 4/00	4000 +16	+1.5		wet only ↓	Corr'd +1.6
300	+11	+1.7			+11
200	+14	+2.1			+14
100	+19	+2.6			+19
0				CORR A.	Corr V.
	setup at 2800N			+3.7	+18
2700	-13 -7	-1.2 -0.8		+2.7	+8
2600	-8	-1.2		+2.5	+10
2500	+7	+1.0		+4.7	+22
2400	0 -14	-3.0 -0.2	10/ more water	+0.7	+4
2300	-14 -13	-2.4		+1.3	+5
wash after 2200	-5	-0.7		+3.0	+13
2100	+2	+0.5		+4.2	+20
2000	+6	+1.2		+4.7	+24
1950	-6	-0.7		+3.0	+12
1900	-17	-3.3		+0.4	+1
	setup at 2800N			+3.7	
2900	+21	+1.5		+5.8	+39
3000	+6	+0.5		+4.2	+24

				3/6
7/27/64			Corr A	Corr V
3100	+5	+0.5	+4.2	+23
3200	-2	-0.3	+3.4	+16
3300	+1	+0.1	+3.8	+19
3400	+7	+0.3	+4.1	+25
3500	-12	-1.9	+1.8	+6
3550	+2	+0.4	+4.1	+20
3600	+8	+0.4	+4.1	+26
3700	-1	-0.2	+3.5	+17
		PD +2		

S/	A1	21	Ad		
9	25	63			
set up					
1	S	KAR	N		
A	S	10			
		114			510
100		114			59
200		129			58
300		127			57
400		129			56
500		126			55
600		128			54
700		132			53
800		139			52
900		134		(#119)	51
1000		145			
prime				going 116.5°W	
100		119			
200		125			
300		139			
400		147			
500		132			
	PD	0.0	10-19-65		

	7-27-64				4/6
	set up 1000 N L			600 W	0
		PD (rep scale) = 0			
900 N	-22	-1.9			-22
800 N	-47	-3.0			-47
700 N	-46	-6.8			-46
600 N	-34	-5.1			-34
500 N	-27	-4.5			-27
400 N	-20	-1.2			-20
300 N	-29	-1.8			-29
200 N	-38	-4.6			-38
100 N	-20	-1.8			-20
	set up at 10 N				
1100 N	-25	-2.7			-25
1200	-11	-0.7			-11
1300	-6	-0.5			-6
1400	-8	-0.9			-8
1500	-8	-1.3			-8
1600	-5	-0.8			-5
1700	-4	-0.7			-4
1800	-13	-1.9			-13
1900	-15	-2.1			-15
	PD = 0				

					5/6 20
	setup at 100 N L600W				
0	-17	-1.5			-37
[illegible]	-1	-0.1			-21
[illegible]	+10	+0.7			-10
[illegible]	-1	-0.1			-21
[illegible]	+5	+0.5			-15
[illegible]	+13	+1.5			-7
[illegible]	+21	+2.1			+1
[illegible]	+16	+1.3			-4
[illegible]	[illegible]	-0.4			-17
	PD = 0				
setup	L600F	10 N			0
700N	+18	+2.0			+18
[illegible]	+11	+0.6			+11
[illegible]	-3	-0.3			-3
[illegible]	+21	+2.9			+21
[illegible]	+24	+2.0			+24
[illegible]	+27	+3.0			+27
[illegible]	+12	+1.1			+12
[illegible]					
[illegible]					

					6/6
setup at	L600E	10 N			
1100N	+36	+3.2			+36
1200N	+32	+3.2			+32
1300N	+25	+2.3			+25
1400N	+15	+0.7			+15
1500N	+24	+3.0			+24
1600N	+23	+3.7			+23
1700N	+18	+3.2			+18
1800N	+31	+4.1			+31
1900N	+24	+4.0			+24

6000 0042 (0540)

AF 1974 Only Total feet.

Reported to Indians

AF

6

		Power	Mines	Geochem
7	200			0-200
8	200	0-178		0-200
9	201			0-201
10	287	0-95		0-287
11	230	0-202		0-230
12	234			0-234
13	256			0-256
14	247			0-247
15	87	0-48		0-87
16	90			0-90
17	250	0-227		0-250
18	198	0-190		0-198
19	208	0-180		0-208
20	208	0-44		0-208
	2896			

6000 0042 (0540)

A F cuttings

2 .2 ppm Au

3 Mo

1 - little

2 400 cu
20 mo upto

3

4 max 10 mo 250 cu

AF 8 ~~100 N of 7~~ offset 3

7 90' N of 1

9 100' N of 3

10 200' N of 3 (red)

11 260' N of 3 (green)

8/5 12

8/6 13

8/6 14

60000042 (0540)

SPEED LETTER®

TO Wm. L. Wilson

FROM John H. Volgamore

SUBJECT Afterthought Inventory - Windfall Rejects - Expense report

MESSAGE

— FOLD

DATE April 6 1973

You will note that the depth of Af-5 and Af-6 core is questionable. I think it is there as the rep-sets show a deeper depth. I would have been necessary to move several stacks of core boxes as all the AFE core is stored in the little space next to the office at Schurz.

Samples 1005 R thru 1011 R and 1012 R were found. Calico CA-1 The original bags have very little material in them but I also found an extra set of samples in ice cream cups for the 1005 R thru 1011 R group. Sample 1012 R is large enough to provide adaquate material.

We need Skyline REJECTS, very soon, from the following holes; can we get them?

R 4a, 5a, 6c, 15, 22, 23, 24, 25, 27, 32, 33, 36, 37, 38, 40, 41, 42

115010 115009 115010 115014 115015 115017 115018

Expense report includes the notary receipts - please send money for future expenses.

— FOLD

SIGNED John

REPLY

DATE 4/10 1973

Skyline has all of above rejects but 115010 - will send SAP by Consolidated Freightways.

WLW

— FOLD

SIGNED

GreyLine "SNAP-A-WAY" FORM 44-912P 3-PARTS
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SNAP-A-WAY AND RETAIN YELLOW COPY. SEND WHITE AND PINK COPIES WITH CARBON INTACT

6000 0042 (0540)

DLW.

AFTERTHOUGHT DRILL SAMPLES

Inventory on 4-4-73

Rotary

AF-1	20-102	2 boxes
AF-2	0-33	1 box
AF-3	0-105	2 boxes
AF-4	25-180	3 boxes
AF-5	0-920	16 boxes
AF-6	50-235	3 boxes

Rotary Rep Sets

AF-5	0-920	2 boxes
AF-6	50-235	1 box

Core

AF-1	102-535	45 boxes NX, spot core. 50-51.5 and 100-102
AF-2	5-412	38 boxes NX
	412-638	24 boxes BX
AF 3	Never cored	
AF 4	Never cored	
AF-5	920-1267.?	36 Boxes NX
AF-6	235-571.??	37 Boxes NX

Rep Sets - Core

AF-1	104.5-535
AF-2	0-412
	418-612.5
AF-6	240-898

Bagged Crushed Core

AF-2 836R 837R 838R 839R 841R 842R 843R 844R 845R

AF-5 WM 379, 380 381 382 386 387

AF-6 WM 8, 10, 11, 25, 26, 47, 48, 49, 50, 51

6000 0042 (0540)

Reno
8/4/64

Bill Wilson -

Dear Bill:

In case I miss you this week End, I wanted to mention that the specimen of rock from Benway you gave me a couple of weeks ago was Nil Mo.

It's graphite alright.

Regards

Wally

6000 0042 (05240)

AF1 moderately magnetic
Res ∞

AF2 weakly mag
(piece on 1 end mag)
Res ∞

AF3 just non mag.
Res ∞ mf

6000 0042 (0540)

McPhar test work Don Sutherland
3-20-64

	AF1	AF2	AF3
	18.5%	22%	30%
		1330	403
Res	1500		
		17	74
MF	12		

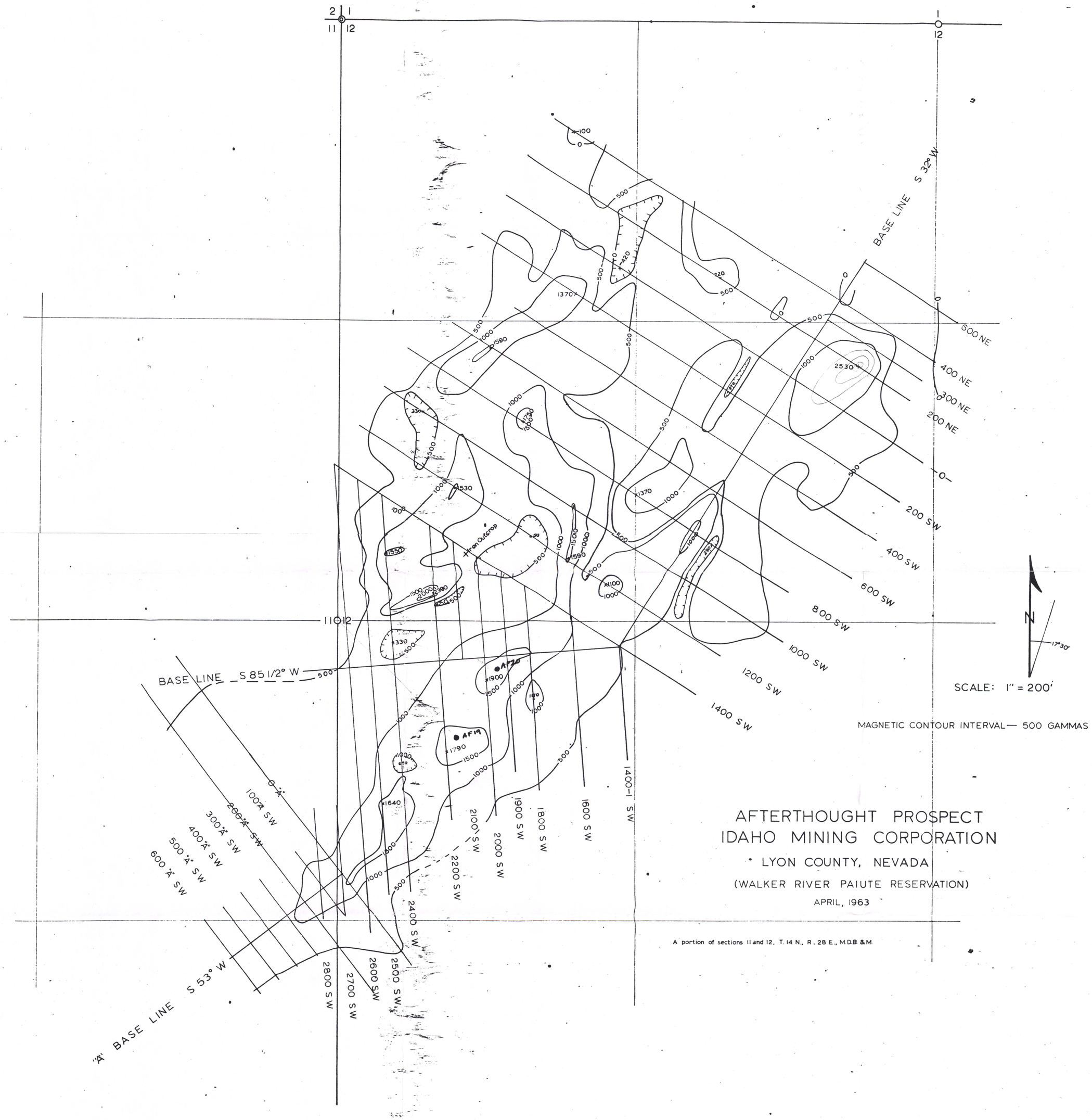
(Tested wet)

have to estimate dimensions to get really true readings.

think would find OK with I.P. if enough of it.

told him about error in line 21 200' spreads at 4th sep. 2 S.

6000 0042 (0540)
5



AFTERTHOUGHT PROSPECT
IDAHO MINING CORPORATION
LYON COUNTY, NEVADA
(WALKER RIVER PAIUTE RESERVATION)
APRIL, 1963

A portion of sections 11 and 12, T. 14 N., R. 28 E., M.D.B. & M.

4/63 K 28x30

McPHAR GEOPHYSICS LIMITED

INDUCED POLARIZATION AND RESISTIVITY SURVEY

LOCATION MAP

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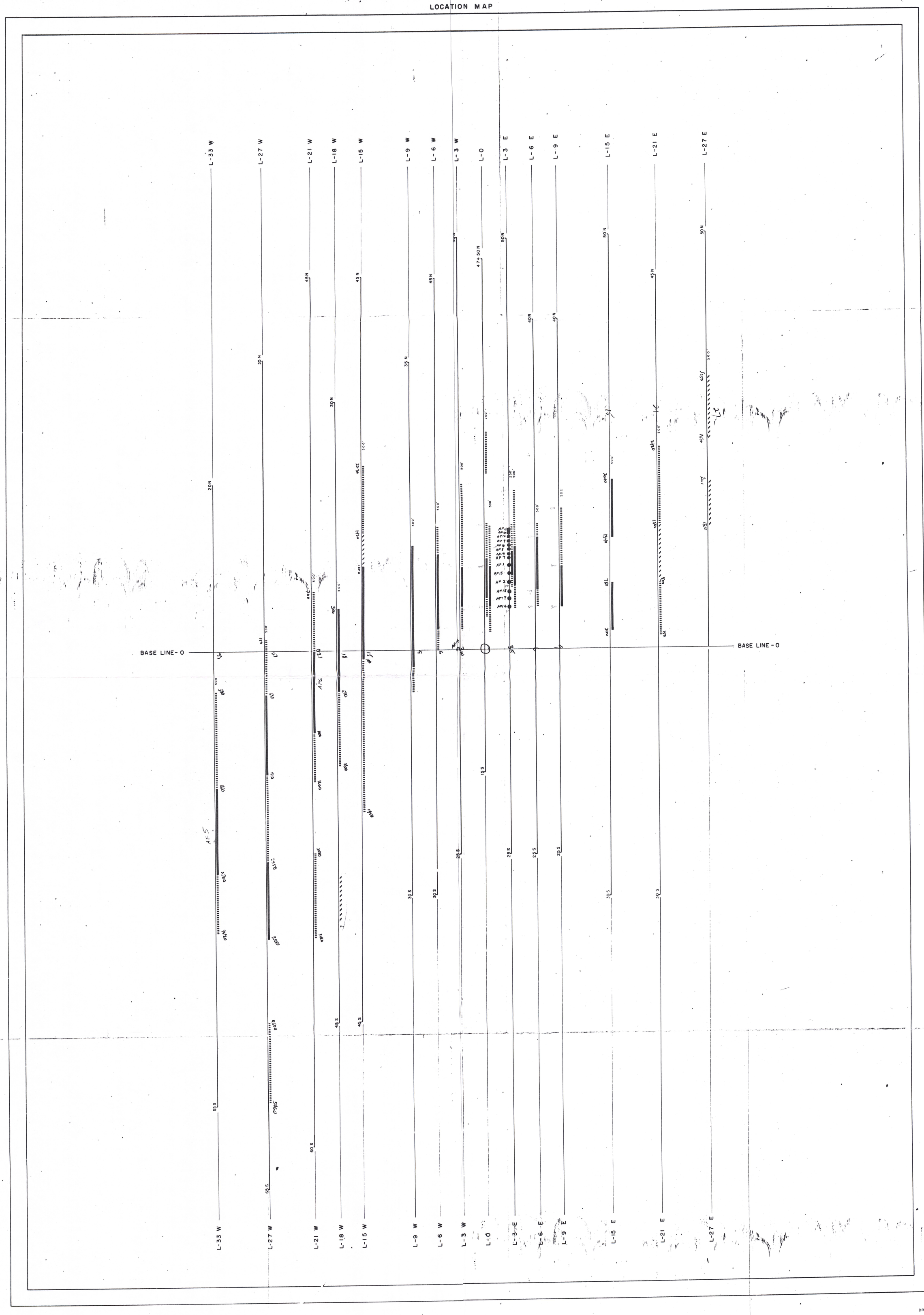


SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE
PROBABLE
POSSIBLE

Numbers at end of anomalies indicate spreads used.

WALKER-MARTEL MINING COMPANY

AFTERTHOUGHT PROSPECT, MINERAL CTY., NEVADA - U. S. A.

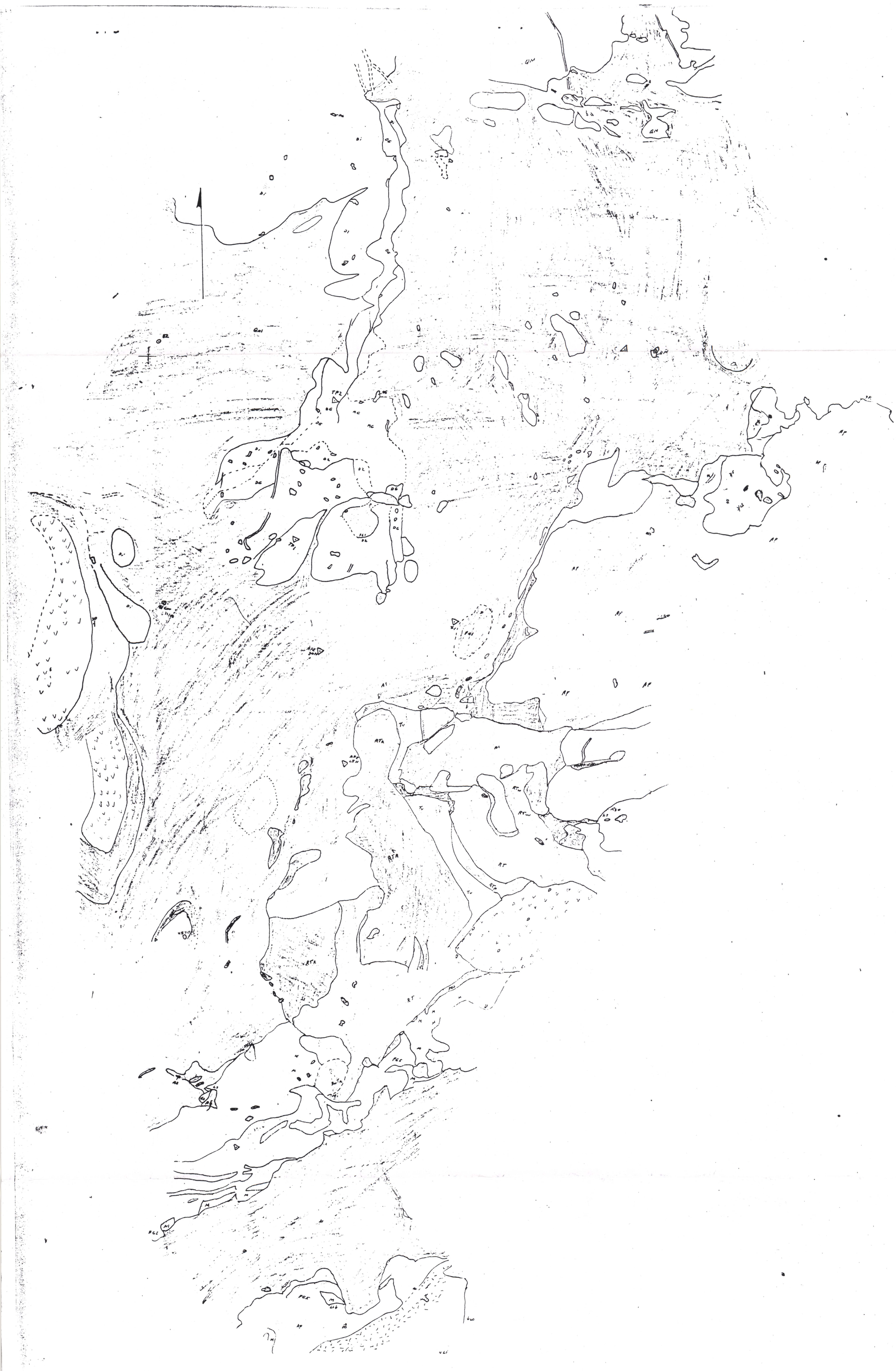
SCALE

One Inch = 400 Feet

DRAWN: V.Y.
DATE: FEB 1966
APPROVED: R.A.B.
McPHAR GEOPHYSICS LIMITED
Feb 25/66.

DWG. MISC. 4210

6000 0042 (0540)



Alluvium

Tertiary Intrusive
Basic, Aphanitic

Tertiary pyroclastic
Tuff, reddish

Tertiary
Vitric Tuff

Tertiary Tuff &
Agglomerates, pinkish

Tertiary tuff
White to greenish

Pegmatites + granite

FGI — Fine-grained intrusive
Acidic

Ap — Aplitic intrusive
Siliceous

AC — Acidic intrusive
Fine to medium grained

Acidic to intermediate
intrusive; fine to medium grained

QM — Quartz-monzonite, bordering
on diorite

Granodiorite

Di — Diorite

DG — Diorite-Gabbro

Skarn

Limestone, calc-silicates

Metamorphic

Copper

AFTERTHOUGHT AREA
WALKER RIVER PAIUTE RESERVATION
MINERAL COUNTY, NEVADA

SCALE : 1 inch = 200 feet

0 50 100 200 400