C. A. AGER & ASSOCIATES LTD.

Telephone: (604) 278-6047

CONSULTING
GEOPHYSICISTS

815-B Cambie Road
Richmond, B.C.
Canada.

S U M M A R Y

The results of Phase One of the Copper Project clearly delineate three areas of economic importance. None of these targets have been adequately tested by previous exploration efforts. None have been drilled. It is recommended that the geophysical-geochemical anomalies described in this report be further tested by 'deep sounding' Induced Polarization surveys. Diamond drilling should then be undertaken to sample the anomalous zones to a depth of at least 1000 feet. Total cost of Phase Two is estimated at $57,000.00. The results of this phase will either delineate copper mineralization of economic grade or eliminate the claims group completely as a favourable spot for ore deposits.

Respectively submitted,

September 13, 1974

Charles A. Ager, ~~M.Sc.~~
Geophysicist

Douglas R. MacQuarrie, B.Sc.
Geophysicist/Geologist

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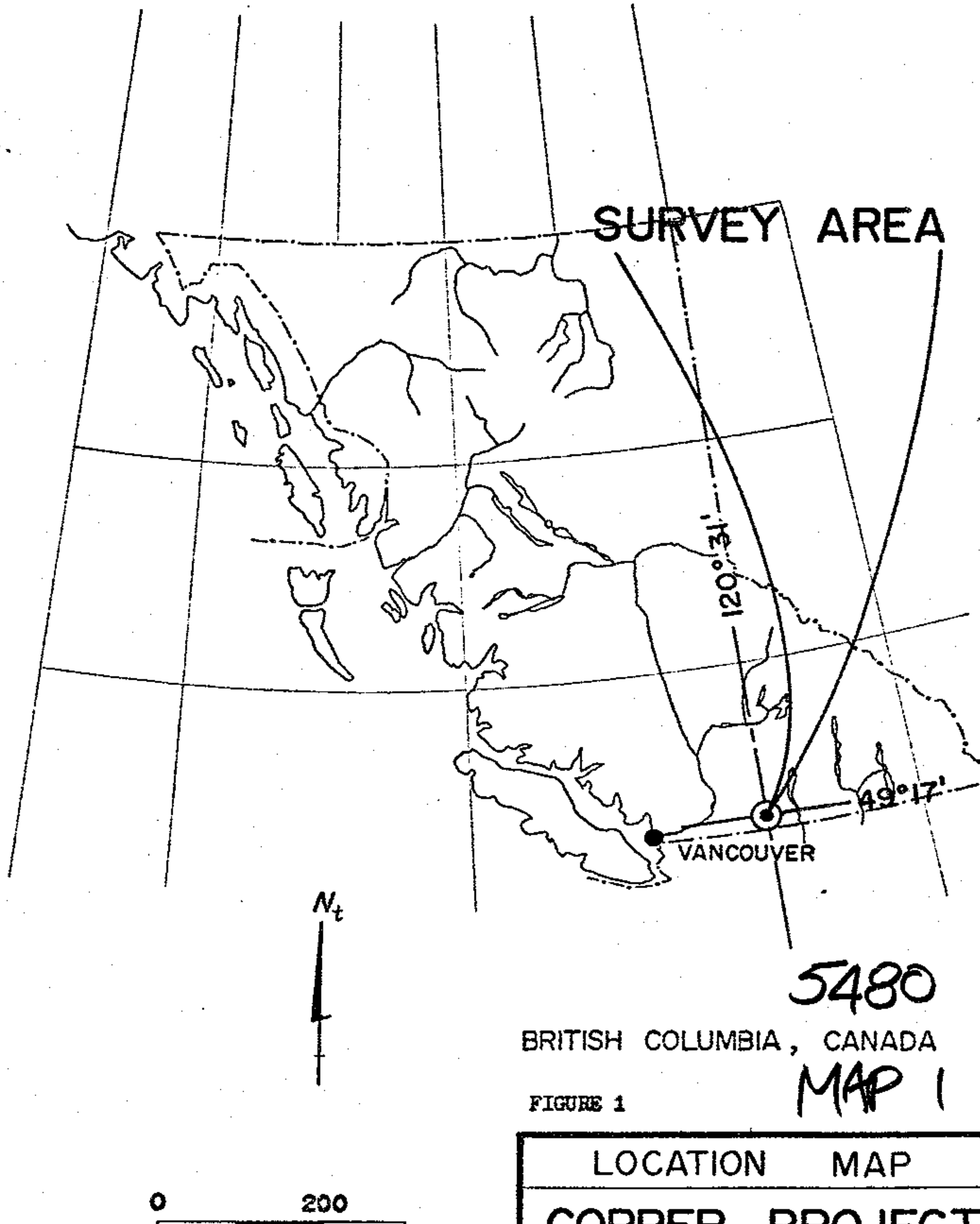
INTRODUCTION

This report contains the results of Phase One of the COPPER PROJECT. The intent of this first phase was to delineate specific areas of economic importance within the favourable contact zone of the Copper Mountain Intrusion, Princeton area, British Columbia (Figure 1). Towards this end, favourable ground along the southern contact of the intrusion was acquired by way of staking. The property was then investigated using a combined geological, geophysical and geochemical strategy as outlined in the Copper Project Proposal (Ager,1974). Interpretation of these results has pinpointed three anomalous areas within the claims group where copper deposits are most likely to be found. These target areas have been ranked in order of economic significance and a second phase of more detail work has been proposed to test these zones for the presence of ore deposits.

THE PROPERTY

The claim group is located some 12 miles south of Princeton, in the southern interior of British Columbia. The geographic co-ordinates of the center of the property are 49°17' N Latitude by 120°31' W Longitude. Two roads provide access to the property and are shown on the Geology Compilation map, Figure 2.



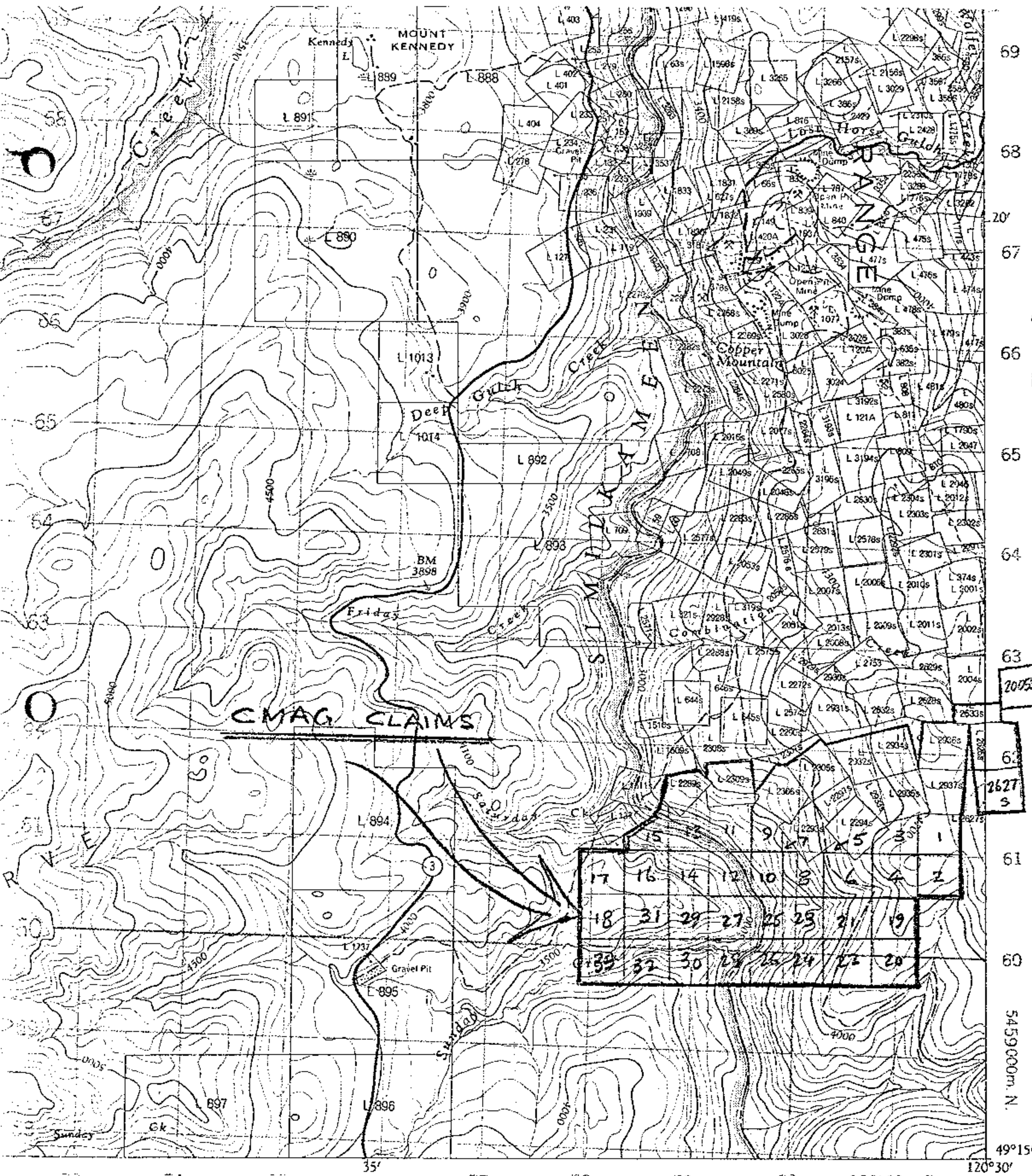
5480

BRITISH COLUMBIA, CANADA

MAP 1

FIGURE 1

LOCATION MAP	
COPPER PROJECT	
DATE SEPT, 1974	AQUITAINE CO. C.A. AGER and ASSOC.



PRINCETON
BRITISH COLUMBIA

LOCATION MAP 5480
MAP 2

CMAG CLAIMS GROUP SEPT/14

SCALE 1:50,000 ÉCHELLE

Miles 1 0 1 2 3 Milles

Metres 1000 500 0 1000 2000 3000 4000 Mètres

Yards 1000 500 0 1000 2000 3000 4000 Verges

92 H/7
EDITION 1

The claims group straddles the Similkameen River and covers an area approximately 15,000 feet east-west by 7,000 feet north-south. It comprises 50 mineral claims as follows: 1) Mineral Lease No. 56 - Lot Nos. 2289s, 2309s, 2306s, 2305s, 2932s, 2297s, 2933s, 2293s, 2294s, 2935s, 2937s, 2936s, 2626s, 2627s, 2633s, 2005s, 2934s

2) Mineral Claims - Claim Nos. CMAG 1 to 33 inclusive.

The claims were acquired in the name of Acquitaine Company of Canada who hold in trust a retained interest for C.A.Ager and Associates Ltd.

GEOLOGICAL SETTING

The Copper Mountain area lies between two well defined physiographic provinces - to the north the Interior Plateau of British Columbia and to the south the Cascade Mountain system of Washington and Oregon. Elevations on the property vary from approximately 2700 feet at the Similkameen River to some 5000 feet at the eastern end of the group. Near the Similkameen River the slopes are moderately steep and sparcely vegetated, becoming more gentle and more heavily vegetated away from the river. The vegetation consists mainly of ponderosa pine with minor jack and yellow pine. The property is cut by four east-west trending intermittent streams and by the north-south trending Similkameen River. The bulk of the drainage is subsurface, except during the times of spring runoff. Most of the area is covered by a thin mantle of overburden. Outcrop is sparce except in the Similkameen River canyon where it is extensive.

The regional geology of the area has been presented many times in the literature, and the reader is directed to the work of Dolmage (1934), Rice (1947), Fahrni (1951), Montgomery (1967) and Preto (1972) for further details.

The geology of the claims group is presented in Figure 2. As can be seen from this map, the property lies approximately 1000 feet south of the mapped contact between the Upper Triassic Copper Mountain Intrusion and the consanguineous Upper Triassic Nicola Volcanics. It is within this contact zone where the copper deposits of the Copper Mountain Camp have been discovered. Most of the mineralization occurs within 400 feet of the stock contact, usually confined to small north-east trending shear zones or isolated fractures. As will be shown later, the area of economic potential in the southern part of the intrusion is not the surface contact, but is instead the 'buried' contact zones. A good proportion of these interpreted contact zones lie within the property boundaries.

As far as can be determined from the various assessment reports, the buried contact zone has not been explored in any detail. Figure 2 indicates the areas of outcropping copper mineralization and the location of drill holes that were spotted to test the occurrences. Most of the drilling was done by Noranda Exploration

Company in 1970 with the results being generally negative. (No drill logs are available, and only a few statements describe the drilling results in the assessment reports.) Interpretation of the magnetic and geochemical data presented in this report indicates that all the previous drilling has been done outside the anomaly zones, and therefore, the ground remains untested.

MAGNETICS

In order to accurately map the buried southern contact of the intrusive (as inferred from the previous aeromagnetic interpretation, Ager, 1974), a ground magnetometer survey was conducted over the claims group. Measurements were made at 400 foot intervals along north-south grid lines spaced approximately 400 feet apart. A McPhar M700 vertical field fluxgate magnetometer was used for the survey. Grid lines were established using chain and compass. The steep magnetic gradient in the area caused a certain amount of distortion in the grid, but by tying to Noranda's pre-existing base line, station locations were plotted to an accuracy of $\pm$ 100 feet or better. Noranda had already performed a ground magnetometer survey in the northern area (Assessment report No 2847). By tying to Noranda's base line mag values, the combined magnetic maps provide valuable information outside the property boundaries. The Ground Magnetometer Survey

Map, Figure 3, represents the magnetic data collected over the property as well as the Noranda data to the north of the claims group. A smoothed version of this map is shown as Figure 4. It was derived by low pass filtering of the magnetic data and can be taken to represent the more regional geological features. In addition, a second vertical derivative map was prepared by computer filtering the magnetic data. This map, Figure 5, is a valuable aid in interpretating buried contact zones and for enhancing subtle lineations.

Interpretation of the ground magnetic data reveals several features of economic interest:

(1) Two very prominent north-south magnetic lineations are present in the eastern portion of the property. A third, somewhat more subdued linear, is apparent in the central part of the claims group. Each of these lineations is truncated and offset by a major north-east trending magnetic feature. These magnetic lineations are interpreted as faults and are clearly shown on the Structural Interpretation Map, Figure 6.

(2) There is a 'step' in the character of the magnetic map between the low amplitudes in the south and the high values observed over the intrusive rocks to the north. This magnetic feature is believed to indicate the presence of more intrusive rocks beneath the volcanic

cover. The 'step' is interpreted to correspond to a down-dropped section of the Copper Mountain Stock. The mapped southern boundary of the intrusive is fault bounded by the north-east trending magnetic feature. The southern most boundary is beleived to be buried beneath the volcanics some 1000 feet or more south of the mapped contact. This 'inferred contact' is shown on Figure 6.

(3) The portion of the claims group to the west of the Similkameen River is apparently void of any buried contact zones and major fault features. For this reason, it can be eliminated from any further exploration work.

It is firmly believed that any substantial copper deposit in the vicinity of the Copper Mountain Stock will be located on or very near one of the major fault structures as given on Figure 6. A further condition on the deposit is that it be situated within 1500 feet of the buried contact as evidenced in both the Ingerbelle and Copper Mountain Mines.

GEOCHEMISTRY

In order to further pinpoint the anomalous regions, a geochemical soil survey was conducted over the property.

The samples were collected at the same sites as the magnetic readings. Each sample was analysed for total copper, iron sodium and potassium, with every fourth sample having its pH measured. All analyses were performed by Rossbacher Laboratory of Burnaby, B.C. using the atomic absorption method on the prepared samples.

The geochemical data is presented as a series of contour maps which preserve the spatial relationship between each sample. No attempt was made to treat the geochemical data in a statistical manner. The contoured data was then filtered by computer using a low pass filter to yield the 'smoothed' geochemical maps. The smoothed maps, besides being easier to interpret, are inferred to more closely reflect the behaviour of the regional geochemical field. It is through interpretation of these regional geochemical patterns, which include first and second order anomalies, that signals relating to the presence of copper deposits are hoped to be found. (The unsmoothed geochemical maps are included in Appendix A for easy reference.)

The geochemical data is first interpreted individually and then later combined with the geological and magnetic data to yield anomalous zones:

(1) Copper

The smoothed Cu Geochem Map, Figure 7, clearly indicates two zones of anomalous copper values. The large zone in the northwestern sector of the map exhibits strong regional trends and for this reason it is picked as the most significant anomaly of the two. It is worthwhile to note that this zone overlies the buried contact and is adjacent to one of the interpreted faults. The second anomalous zone lies in the far eastern section of the property. This zone is a much more local feature than the previous anomaly. It is important in that it lies within a reasonable distance of the buried contact and an interpreted fault.

(2) Iron

In order to help distinguish between pyrite, pyrrhotite and magnetite, the Smoothed Fe Geochem Map, Figure 8, was prepared. The large iron anomaly (greater than 3.2% Fe) is seen to be made up of two distinct zones that are separated by a north-south striking fault (see magnetic interpretation). The area to the west of the fault has moderate iron values coupled with an intermediate magnetic response. This would indicate substantial pyrrhotite mineralization. Drilling by Noranda to the west of this area delineated a zone of pyrite-pyrrhotite mineralization over an area averaging 800 feet NS by 1500 feet EW (assessment report No 2846). The other area, to the east of the fault, is non-magnetic with high iron values. This combination would point to pyrite as the probable cause. A single drill hole on the eastern flank of this anomaly intersected abundant pyrite in argillites. An additional feature is the crude semi-circle of high iron values that overlies the buried contact zone. This may represent a 'pyrite halo' with possible copper mineralization occurring within the halo. In the Ingerbelle mine, pyrite is very closely associated with chalcopyrite ore and these same parameters may well apply here.

(3) Copper to Iron Ratio

The Smoothed Cu/Fe Ratio Map is shown in Figure 9. Since chalcopyrite and pyrite occur together as ore minerals, this map may be very significant in the search for buried ore deposits. The most striking feature of the map is the string of high Cu/Fe ratios (greater than 26×10^{-3}) that lie above the buried contact. This line of highs lies inside the previously mentioned pyrite halo and is, therefore, an excellent target area.

(4) Sodium, Potassium and Na+K

The sodium and potassium data are presented in Figures 10, 11 and 12. Taken collectively, these elements can be used to trace alteration in the rocks over large distances. Although the Na and K data are presented separately, it is felt that the Na+K Map, Figure 12, gives a good representation of the alteration pattern present on the claims group. The Na+K Map clearly indicates an alteration 'low' trough striking to the northwest. Within the trough are subtle 'high' features that map near and overlap the high Cu/Fe ratio features. Since high Na+K values are noted to occur in the deposits to the north with depleted values in the adjoining host rocks, these subtle highs are interpreted to be of economic importance. Their correlation to high Cu/Fe values coupled to their proximity to the buried contact and fault features make them anomalous. The other high values outside the low trough region do not appear to be significant at this time.

From the foregoing interpretation of the geochemical data, it is clear that abundant and meaningful information can be obtained from filtered geochemical data. This data when combined with the geological and geophysical evidence provides tremendous regional insight in locating anomalous zones of possible economic importance.

THE ANOMALY ZONES

As mentioned earlier, the presence of a buried Copper deposit is expected to reveal itself in the regional geochemical and geophysical signals. The parameters of search for the southern region of the Copper Mountain Stock were devised based on the available knowledge of the copper deposits on the northern boundary of the stock. Simply stated, it is expected that copper mineralization is most likely to occur near the buried intrusive-volcanic contact, at or associated with major faulting, and in regions where there is a regional depletion of K+Na minerals. The targets would correspond to high Cu/Fe ratios with local enrichments of Na+K within this regional low alteration trough. Using these parameters of search, the three anomaly zones are outlined on Figure 13 as follows:

<u>Anomaly Zone #1</u>

This zone is located in the northwestern section of the claims group. It is a region where there is considerable evidence for structural control parameters of faulting and intrusive-volcanic contacts. In addition, the high Cu/Fe ratios overlap with regions of high Na+K within the alteration low trough. If there is a copper deposit in this area, it is likely to be fairly near surface (500 feet) as evidenced by the half-widths of the anomalies in this region. Induced Polarization surveying over this area will pinpoint drill targets.

Anomaly Zone #2

This anomaly zone lies in the north central claims area. It is marked by high Cu/Fe ratios that over lap high Na+K values at the edge of the alteration low trough. The zone is fault bounded on the west and lies within 1500 feet of the buried contact. The high Cu/Fe ratio values that trend to the south, toward the south east part of the property, are also untested. However, the absence of structural control negates their potential at this time, although they certainly should be kept in mind for possible investigation at a later date. Anomaly #2 lies within an interpreted downdropped fault block, and for this reason, any copper deposits in this zone may be expected at greater depths than to the west. Induced Polarization surveying should be done to pinpoint drill targets in this area as well.

Anomaly Zone #3

This anomaly zone was selected on the basis of an untested IP anomaly reported by Newmont Mining Corporation (assessment report no. 2847). It is located between Anomaly Zones #1 and #2 at the northern edge of the property. Its position corresponds to the Noranda grid co-ordinates 176E+75N for the center of the zone. Depth to source is a maximum of 600 feet. Its proximity to the buried contact near major faults and near anomalous Cu/Fe and alteration values make it a good target area. Either further IP work can be done to check this anomaly or it can be drilled immediately.

Generally speaking, the anomaly zones form a continuous trend across the northern edge of the property in the vicinity of the buried contact zone. This whole belt should be considered as anomalous. The specific areas mentioned are deemed to be the prime areas within this belt. As exploration progresses other evidence may point to new interpretations of this data, and this interpretation should be refined to reflect all available data.

RECOMMENDATIONS & BUDGET

Based on the results of Phase 1, it is recommended that Induced Polarization surveys be run over the Anomaly Zones.

The IP should be performed using a pole-dipole array with "a" spacing of 400 feet and spreads to n=5 or 2000 feet. This will yield IP information to a depth of about 1000 feet. The IP anomalies within the anomalous zones should then be drilled by diamond drilling to a depth of about 1000 feet. This procedure will discover the presence of any copper deposits within the anomalous zones to a depth of 1000 feet. Deeper drilling may be a possibility, but it is too early to predict at this time.

The Induced Polarization surveys should be conducted before May 1975. This would allow time for diamond drilling during May and June 1975 when there is ample supply of water in the creeks. The budget required can only be estimated at this time, but the following details a good approximation:

Budget - Phase 2

(1) Induced Polarization Surveying	
pole-dipole, a=400 ft, n= 1,2,3,4,5	
20 line miles @ $600/line mile	$12,000.00
(2) Diamond Drilling	
3000 feet @ $15/foot	45,000.00
Total Phase 2 Budget	$57,000.00

The Induced Polarization surveying combined with diamond drilling will provide an absolute test for the presence of any copper deposits within the claims group. Based on the concept of ore search presented in the Copper Project proposal, it is felt that Phase 2 will either discover copper ore deposits or eliminate the ground completely.

Respectively submitted,

Charles A. Ager

September 13, 1974

Charles A. Ager, M.Sc.
Geophysicist

Douglas R. MacQuarrie

Douglas R. MacQuarrie, B.Sc.
Geophysicist/Geologist

REFERENCES

Ager, C.A. (1974). Copper project proposal.

Dolmage, V. (1934). Geology and ore deposits of copper mountain, B.C., GSC Memoir 171.

Fahrni, K.C. (1951). Geology of copper mountain. CIM Bulletin, May 1951.

MacQuarrie, D.R. (1974). An aeromagnetic interpretation of the copper mountain stock, Princeton, B.C., unpublished B.Sc. Thesis, University of British Columbia.

Montgomery, J.H. (1967). Petrology, structure, and origin of the copper mountain intrusions near Princeton, B.C., unpublished Ph.D. Thesis, University of B.C.

Preto, V.A. (1969). B.C. Dept. of Mines & Petroleum Resources annula report, p. 283.

Preto, V.A. (1972). Geology of Copper Mountain, BCDM Bulletin No. 59.

Rice, H.M.A. (1947). Geology and mineral deposits of the Princeton map area, B.C., GSC Memoir 243.

ASSESSMENT REPORTS

No. 1822 Airborne magnetometer survey, Geo-X Surveys Ltd. 1969.

No. 1840 Geochemical Soil Survey, Noranda Exploration Co.,1968.

No. 2846 Geological Report, Newmont Mining Corp., 1971.

No. 2847 Geophysical Report, Newmont Mining Corp., 1971.

COST BREAKDOWN

C.A. Ager & Associates Ltd.

Magnetics		
	Grid Layout Ground magnetic field survey Data compilation and reduction Computer filtering and plotting Structural Interpretation	
	20 line miles @ $200/line mile (32 line kilometers @ $125/line kilometer)	$4,000.00
Geochemistry		
	Geochemical field survey Chemical analysis for Cu, Fe, Na, K, pH Computer filtering and plotting Anomaly interpretation	
	20 line miles @ $250/line mile (32 line kilometers @ $156.25/line kilometer) (277 assayed samples: 1108 assays, 65 pH)	$5,000.00
Geology		
	Geological mapping of claims group and preparation of geology map	
	20 days @ $100/day for field geologist	$2,000.00
	SUB-TOTAL	$11,000.00
Administration & Supervision @ 10% (Aquitaine Co. of Canada)		1,100.00
		$12,100.00

<u>CERTIFICATE</u>

As provided under the "Mineral Act" Chapter 244, revised statutes of British Columbia, 1960, I, Charles Bizard, do hereby certify that:

1. I am a geologist residing at 4220 Britannia Drive, S.W., Calgary, Alberta.

2. I was a graduate of the University of Paris, France in 1954 and a graduate of the National Superior School of Geology (Nancy, France) in 1959.

3. I worked as a geologist and as a chief geologist for the Commissariat a l'Energie Atomique from 1954 to 1969 and since then, have been the Mining Exploration Manager with Aquitaine Company of Canada Ltd.

4. I have supervised the geological, geochemical and geophysical programs concerning the CMAG Claim Group, Princeton area, British Columbia

5. I am registered with the Association of Professional Engineers, Geologists and Geophysicists of Alberta.

PROFESSIONAL GEOLOGIST
Ch. P. BIZARD
ALBERTA

C. Bizard

CERTIFICATE OF QUALIFICATIONS

I, Douglas R. MacQuarrie, do hereby certify that:

(1) I am an exploration Geophysicist residing at 1862 Westover Rd., North Vancouver, British Columbia, Canada.

(2) I have graduated from the University of British Columbia with a combined Honours degree (B.Sc.) in Geology and Geophysics.

(3) I am a member of the Canadian Institute of Mining & Metallurgy.

(4) The following is a true summary of my employment record and experience:

April 1974 to present, Consulting Geophysicist, C.A. Ager & Assoc.

May 1974 to Nov. 1974 " " "

June 1973 to Sept.1973, Geologist, Amax Exploration Ltd.

June 1972 to Sept 1972, Assistant Geologist, Amax Expl. Ltd.

June 1971 to Sept 1971, Field Assistant, International Minerals and Chemicals Corporation.

Dated at North Vancouver, British Columbia, this 8 day of May 1975.

Douglas R. MacQuarrie

Douglas R. MacQuarrie

Geophysicist

CERTIFICATE OF QUALIFICATIONS

I, Charles A. Ager, do hereby certify that:

(1) I am a practising Geophysicist with offices and residence at 815B Cambie Road, Richmond, B.C., Canada.

(2) I have received (or expect to receive) the following university degrees:
(a) B.A. (Honours) in Mathematics/Physics from California State University, Sacramento, Calif., 1968.

(b) M.Sc. in Applied Geophysics from the University of British Columbia, Vancouver, B.C., 1972.

(c) Ph.D. in Applied Geophysics from the University of British Columbia, Vancouver, B.C., December 1974.

(3) I am a member of the B.C. Geophysical Society, and a member of the Society of Exploration Geophysicists.

(4) The following is a true summary of my employment record and experience:

1961-65 Electronics, United States Air Force, U.S.A., Far East, Middle East.

1965-68 Sacramento State College (now called California State University at Sacramento), Sacramento, Calif.

1968-71 Exploration - Geophysicist, Magnetron Mining Ltd., Vancouver, B.C.

1970-74 Geophysics Graduate Student and Teaching Assistant, Dept of Geophysics, University of B.C., Vancouver, B.C.

1971,72 Geophysicist, Mineralogical Branch, B.C. Dept of Mines and Petroleum Resources, Victoria, B.C.

1971-75 Independent consulting geophysicist, Richmond, B.C.

(5) I am the author of several publications, reports, maps, etc. on mining and exploration geophysics.

DATED at Richmond, British Columbia, this 8 day of May 1975.

Charles A. Ager

Charles A. Ager
Geophysicist

CERT 4078

BURNABY LABORATORY - 2225 SPRINGER AVE. - BURNABY 2, B.C.

DATE: August 4, 74 TYPE SAMPLES: Soils

PROJECT: Copper Project LOCATION:

REQUESTED BY: D. McQuarry DISPOSITION OF REJECTS: Discard

Chuck Ager + Assoc. Ltd.

No.	Sample	pH	Mo	Cu	Ni			Fe %			Na %		K %	No.
01	4 CMS 1			112				2.9			1.56		1.20	01
02	2			66				5.5			2.32		1.60	02
03	3			100				4.0			2.00		1.72	03
04	4			84				3.6			2.59		1.72	04
05	5			60				3.8			2.49		1.64	05
06	6			62				3.2			2.40		1.60	06
07	7			32				2.0			2.24		1.40	07
08	8			28				3.7			2.48		1.68	08
09	9			66				2.8			1.84		1.44	09
10	10			64				3.1			2.40		1.72	10
11	11			24				2.0			2.00		1.44	11
12	12			22				2.2			2.20		1.48	12
13	13			54				3.5			1.72		1.28	13
14	14			74				4.0			1.84		1.80	14
15	15			62				3.7			1.80		1.52	15
16	16			68				3.4			2.00		1.56	16
17	17			90				2.9			2.12		1.32	17
18	18			24				2.2			2.24		1.56	18
19	19			90				4.0			1.76		1.40	19
20	R1	.25gm												20
21	G2	.25gm												21
22	GSP1	.25gm												22
23														23
24														24
25														25
26														26
27														27
28														28
29														29
30														30
31														31
32														32
33														33
34														34
35														35
36														36
37														37
38														38
39														39
40														40

COMMENT:

DATE SAMPLES RECEIVED

DATE REPORTS MAILED

ANALYST

CERT. 4103

BURNABY LABORATORY - 2225 SPRINGER AVE. - BURNABY 2, B.C.

ROSSBACHER LABORATORY

DATE August 26, 74 TYPE SAMPLES Soil

PROJECT LOCATION

REQUESTED BY C. A. AGER & ASSOC LTD DISPOSITION OF REJECTS DISCARD

No.	Sample	pH	Mo	Cu	Ni	Fe %	Na %	K %	No.
01	4CMS 20			128		4.5	2.00	1.50	01
02	21			28		2.2	1.90	1.25	02
03	22			94		4.1	2.25	1.35	03
04	23	5.7		40		2.3	2.10	1.35	04
05	24			90		3.3	2.15	1.50	05
06	25			56		2.1	1.55	1.15	06
07	26			66		2.9	1.75	1.35	07
08	27	5.6		38		2.1	1.70	1.35	08
09	28			32		2.1	1.75	1.25	09
10	29			60		2.4	2.10	1.50	10
11	30			64		2.5	2.25	2.10	11
12	31	5.5		30		2.1	2.25	1.45	12
13	32			136		3.4	1.75	1.00	13
14	33			36		2.2	2.05	1.30	14
15	34			52		3.0	2.05	1.50	15
16	35	5.5		96		2.9	2.20	2.20	16
17	36			32		2.1	1.60	1.45	17
18	37			98		2.8	1.60	1.25	18
19	38			68		2.8	2.25	1.90	19
20	39	5.7		40		2.2	2.35	1.50	20
21	40			56		3.0	2.10	1.25	21
22	41			74		2.7	2.20	1.50	22
23	42			108		3.8	2.30	1.95	23
24	43	5.6		68		2.9	2.00	1.45	24
25	44			350		4.0	2.40	2.35	25
26	45			26		2.5	2.10	1.50	26
27	46			44		3.2	2.20	1.65	27
28	47	5.7		60		4.2	2.25	2.05	28
29	48			184		5.1	1.65	1.25	29
30	49			190		4.7	1.50	1.40	30
31	50			60		3.5	2.50	1.35	31
32	51	5.8		56		3.0	2.20	1.45	32
33	52			140		3.7	2.00	1.80	33
34	53			90		2.8	1.85	1.10	34
35	54			42		3.0	2.25	1.75	35
36	55	57		104		5.2	2.25	1.85	36
37	56			32		3.2	2.15	1.35	37
38	57			32		3.0	2.20	1.55	38
39	58	5.4		28		3.0	2.00	1.50	39
40	G 21			>400		3.2	–	–	40

COMMENT:

DATE SAMPLES RECEIVED

DATE REPORTS MAILED

ANALYST R. Rossbacher

CERT 4103

BURNABY LABORATORY - 2225 SPRINGER AVE. - BURNABY 2, B.C.

ROSSBACHER LABORATORY

DATE August 26, 74 TYPE SAMPLES Soil

PROJECT LOCATION

REQUESTED BY C. A. AGER & ASSOC. LTD. DISPOSITION OF REJECTS DISCARD

No.	Sample	pH	Mo	Cu	Ni	% Fe	% Na	% K						No.
01	HCMS 59			28		2.0	2.00	1.35						01
02	60			54		2.5	2.00	1.50						02
03	61			32		2.4	2.40	1.60						03
04	62	5.4		42		3.1	2.40	1.75						04
05	63			60		3.1	2.45	1.90						05
06	64			58		1.9	2.20	1.65						06
07	65			74		2.4	2.25	1.40						07
08	66	5.5		54		2.6	2.40	1.60						08
09	67			80		2.3	2.20	1.30						09
10	68			64		2.3	2.25	1.65						10
11	69			68		2.6	2.25	1.70						11
12	70	5.2		88		2.2	2.05	1.45						12
13	71			110		3.3	2.60	1.85						13
14	72			72		2.6	2.25	1.35						14
15	73			64		2.9	2.15	1.40						15
16	74	5.3		102		3.8	2.20	1.60						16
17	75			60		2.9	2.20	1.50						17
18	76			68		2.7	2.35	1.60						18
19	77			42		2.4	2.60	1.75						19
20	78	5.6		120		3.4	1.75	1.10						20
21	79			72		2.0	2.00	1.30						21
22	80			132		3.6	2.25	1.65						22
23	81			50		2.9	2.10	1.40						23
24	82	5.7		52		3.0	1.95	1.30						24
25	83			50		2.7	1.85	1.30						25
26	84			38		2.7	2.25	1.55						26
27	85			24		2.1	1.85	1.20						27
28	86	5.4		28		2.5	2.05	1.25						28
29	87			76		4.1	2.40	1.55						29
30	88			136		2.7	2.10	1.35						30
31	89			102		2.9	2.00	1.35						31
32	90	5.4		58		4.2	2.35	1.70						32
33	91			48		3.4	2.35	1.30						33
34	92			80		4.2	2.40	1.50						34
35	93			84		4.0	2.70	1.50						35
36	94	5.5		60		3.1	2.35	1.40						36
37	95			34		1.9	2.20	1.05						37
38	96			58		2.0	2.10	1.00						38
39	97	5.6		50		2.5	2.25	0.85						39
40	G22			248		1.8	-	-						40

COMMENT:

DATE SAMPLES RECEIVED

DATE REPORTS MAILED

ANALYST [signature]

... 9703 BURNABY LABORATORY - 2225 SPRINGER AVE. - BURNABY 2, B.C.

ROSSBACHER LABORATORY

DATE August 26, 74 TYPE SAMPLES Soil

PROJECT LOCATION

REQUESTED BY C. A. AGER & ASSOC. LTD DISPOSITION OF REJECTS Discard

No.	Sample	pH	Mo	Cu	Ni	% Fe	% Na	% K						No.
01	HCMS 98			12		2.9	2.35	0.85						01
02	99			30		2.7	2.70	1.50						02
03	100			50		3.2	1.95	1.25						03
04	101	5.6		32		2.0	2.25	1.20						04
05	102			52		2.4	2.10	1.55						05
06	103			40		2.5	2.35	1.40						06
07	104			58		3.4	2.50	1.60						07
08	105	5.3		108		3.5	2.25	1.50						08
09	106			132		3.6	1.10	1.75						09
10	107			72		2.5	2.00	1.25						10
11	108			600		4.3	1.85	1.25						11
12	109	5.3		148		2.8	2.10	1.15						12
13	T 110			340		3.5	2.35	1.20						13
14														14
15														15
16														16
17														17
18														18
19														19
20														20
21														21
22														22
23														23
24														24
25														25
26														26
27														27
28														28
29														29
30														30
31														31
32														32
33														33
34														34
35														35
36														36
37														37
38														38
39														39
40														40

COMMENT:

DATE SAMPLES RECEIVED

DATE REPORTS MAILED

ANALYST P. Rossbacher

CERT. 4103

BURNABY LABORATORY - 2225 SPRINGER AVE. - BURNABY 2, B.C.

ROSSBACHER LABORATORY

DATE August 26, 74 TYPE SAMPLES Soil

PROJECT LOCATION

REQUESTED BY C.A. Ager & Assoc. Ltd. DISPOSITION OF REJECTS Discard

No.	Sample	pH	Mo	Cu	Ni	Fe %	Na %	K %						No.
01	4CLS 1			42		2.6	2.35	1.40						01
02	2			26		1.6	1.60	1.15						02
03	3			78		3.4	2.20	1.40						03
04	4	5.5		62		4.2	2.65	1.80						04
05	5			36		2.9	2.20	1.45						05
06	6			74		3.2	2.30	1.30						06
07	7			80		3.8	2.25	1.45						07
08	8	5.7		62		3.3	2.15	1.35						08
09	9			60		3.2	2.35	1.70						09
10	10			30		1.8	2.25	1.20						10
11	11			22		1.9	1.85	1.05						11
12	12	5.8		46		2.6	1.95	1.35						12
13	13			24		1.9	1.50	1.00						13
14	14			52		2.2	1.70	1.10						14
15	15			26		1.9	1.65	0.90						15
16	16	5.8		60		3.2	1.60	1.40						16
17	17			84		3.6	1.75	1.15						17
18	18			128		4.6	1.50	1.45						18
19	19			40		2.6	2.20	1.25						19
20	20	5.8		26		2.2	1.50	1.00						20
21	21			80		3.6	2.00	1.50						21
22	22			26		2.1	1.80	1.20						22
23	23			32		2.8	2.25	1.45						23
24	24	5.7		40		1.6	1.95	1.15						24
25	25			40		3.1	2.40	1.55						25
26	26			54		2.9	2.00	1.20						26
27	27			56		3.3	2.15	1.50						27
28	28	5.6		34		1.9	2.20	1.25						28
29	29			90		3.7	2.00	1.45						29
30	30			130		5.8	1.20	1.55						30
31	31			34		2.2	1.60	1.10						31
32	32	5.6		112		3.9	1.50	1.75						32
33	33			36		2.2	2.20	1.15						33
34	34			126		3.4	2.50	1.25						34
35	35			50		2.6	2.45	1.10						35
36	36	5.6		56		2.4	1.80	1.10						36
37	37			56		3.2	1.90	1.20						37
38	38			76		2.8	1.30	1.15						38
39	39	5.7		40		3.9	2.10	1.50						39
40	G27			264		1.2	-	-						40

COMMENT:

DATE SAMPLES RECEIVED

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ANALYST F. Rossbacher

CERT. 4103

BURNABY LABORATORY - 2225 SPRINGER AVE. - BURNABY 2, B.C.

ROSSBACHER LABORATORY

DATE August 26, 74 TYPE SAMPLES Soil

PROJECT LOCATION

REQUESTED BY C.A. AGER & ASSOC LTD DISPOSITION OF REJECTS DISCARD

No.	Sample	pH	Mo	Cu	Ni	Fe %	Na %	K %					No.
01	4CLS 40			86		3.9	1.70	0.90					01
02	41			40		2.5	1.50	0.80					02
03	42			12		1.1	2.30	1.05					03
04	43	5.8		46		1.6	2.25	1.30					04
05	44			36		1.7	2.20	1.30					05
06	45			44		1.7	2.00	1.15					06
07	46			32		1.5	2.10	1.30					07
08	47	4.9		12		1.1	2.30	1.35					08
09	48			26		1.7	2.20	1.25					09
10	49			52		3.0	1.70	1.15					10
11	50			30		1.9	2.20	1.10					11
12	51	5.1		140		4.2	1.75	1.30					12
13	52			34		1.7	2.25	1.40					13
14	53			40		2.0	2.45	1.30					14
15	54			124		4.8	1.45	1.25					15
16	55	5.4		28		3.1	2.35	0.75					16
17	56			68		2.4	2.20	1.10					17
18	57			144		3.3	2.25	1.40					18
19	58			88		3.1	2.25	1.60					19
20	59	5.3		58		3.6	2.10	1.30					20
21	60			72		2.8	2.10	1.45					21
22	61			54		2.6	2.15	1.35					22
23	62			24		2.0	2.10	1.00					23
24	63	5.5		26		1.4	2.30	1.45					24
25	64			28		1.7	2.25	1.60					25
26	65			290		1.8	2.10	1.25					26
27	66			48		1.7	2.35	1.45					27
28	67	5.2		164		2.1	1.35	0.85					28
29	68			52		2.7	2.20	1.20					29
30	69			84		2.5	2.50	1.50					30
31	70			60		2.9	2.60	1.60					31
32	71	5.3		100		2.9	2.75	1.70					32
33	71A			22		1.4	2.60	1.20					33
34	72			82		1.6	2.00	1.10					34
35	72A			72		2.7	2.10	1.25					35
36	73	5.5		106		3.2	2.55	1.85					36
37	73A			60		2.2	2.45	1.85					37
38	74			62		2.9	2.90	1.90					38
39	74A	5.6		96		2.4	2.30	1.60					39
40	G26			24		2.1	—	—					40

COMMENT:

DATE SAMPLES RECEIVED

DATE REPORTS MAILED

ANALYST

J. Rossbacher

CERT. 4103

BURNABY LABORATORY - 2225 SPRINGER AVE. - BURNABY 2, B.C.

ROSSBACHER LABORATORY

DATE August 26, 74 TYPE SAMPLES Soil

PROJECT LOCATION

REQUESTED BY C.A. AGER & ASSOC. LTD. DISPOSITION OF REJECTS DISCARD

No.	Sample	pH	Mo	Cu	Ni	Fe %	Na %	K %						No.
01	4CLS 75			116		2.9	2.40	1.90						01
02	76			30		1.9	1.90	1.25						02
03	77			34		1.8	1.65	1.00						03
04	78	5.5		22		1.4	1.60	0.90						04
05	79			114		3.6	2.40	1.75						05
06	80			120		4.1	2.35	1.70						06
07	81			32		2.4	2.30	1.40						07
08	82	5.5		136		2.9	2.45	1.40						08
09	83			68		2.7	2.35	1.25						09
10	84			94		3.3	2.10	1.40						10
11	85			124		4.4	2.35	1.65						11
12	86	5.7		124		2.7	1.35	1.10						12
13	87			20		1.9	2.10	1.25						13
14	87A			44		4.1	2.25	1.40						14
15	88			12		1.6	2.10	1.15						15
16	89	5.8		22		2.2	2.00	1.00						16
17	90			60		2.8	1.85	1.25						17
18	91			30		2.4	1.90	1.10						18
19	92			56		4.0	1.85	1.40						19
20	93	6.1		16		1.6	2.00	1.25						20
21	94			22		2.1	2.20	1.35						21
22	95			32		2.4	2.50	1.50						22
23	96			30		2.3	2.25	1.40						23
24	97	6.1		62		3.0	1.75	1.10						24
25	98			56		2.8	2.50	1.75						25
26	99			12		1.5	2.00	1.00						26
27	101			14		2.1	2.20	1.10						27
28	102	5.9		44		3.0	2.60	1.70						28
29	103			50		2.2	2.30	1.50						29
30	104			54		2.8	2.25	1.35						30
31	105			40		2.5	2.50	1.25						31
32	106	5.8		46		2.4	2.45	1.35						32
33	107			170		5.2	1.85	1.15						33
34	108			108		3.1	2.10	1.25						34
35	109			48		2.2	2.50	1.35						35
36	110	5.8		22		1.6	2.65	1.35						36
37	111			52		2.4	2.10	1.25						37
38	112			310		2.6	2.25	1.40						38
39	113	5.8		128		2.9	2.35	1.50						39
40	G27			268		1.2	–	–						40

COMMENT:

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ANALYST F. Rossbacher

CERT. 4103

BURNABY LABORATORY - 2225 SPRINGER AVE. - BURNABY 2, B.C.

ROSSBACHER LABORATORY

DATE August 26/74 TYPE SAMPLES Soil

PROJECT LOCATION

REQUESTED BY C.A. AGER & ASSOC. LTD. DISPOSITION OF REJECTS DISCARD

No.	Sample	pH	Mo	Cu	Ni	Fe %	Na %	K %						No.
01	4CLS 114			68		3.3	2.65	1.50						01
02	115			44		2.5	2.65	1.75						02
03	116			24		1.4	2.15	1.10						03
04	117	5.8		36		2.6	2.65	1.25						04
05	118			16		1.5	2.55	1.30						05
06	119			66		2.3	2.70	1.35						06
07	120			100		2.5	2.50	1.10						07
08	121	5.7		72		3.5	2.35	1.10						08
09	122			40		2.7	2.65	1.70						09
10	123			22		2.0	2.15	1.30						10
11	124			48		3.3	2.15	1.40						11
12	125	5.7		22		2.9	2.50	1.10						12
13	126			20		1.6	1.95	1.15						13
14	127			72		2.6	2.20	1.10						14
15	128			40		2.3	2.35	1.25						15
16	129	5.6		32		2.3	2.30	1.25						16
17	130			24		2.4	2.45	1.40						17
18	131			116		4.8	1.75	1.30						18
19	132			52		3.2	2.55	1.50						19
20	133	5.5		28		2.2	2.50	1.45						20
21	134			34		2.5	2.25	1.25						21
22	135			24		2.0	2.20	1.30						22
23	136			24		2.1	2.55	1.70						23
24	137	5.4		14		1.6	2.40	1.30						24
25	138			14		1.8	2.50	1.35						25
26	139			22		2.1	2.25	1.50						26
27	140			104		3.1	2.05	1.75						27
28	141	5.1		42		2.9	2.35	1.40						28
29	142			24		2.3	2.90	2.00						29
30	143			28		2.0	2.55	1.85						30
31	144			56		2.4	2.25	1.60						31
32	145	5.3		30		2.2	2.50	1.60						32
33	146			36		2.6	3.10	2.25						33
34	147			22		1.9	2.50	1.65						34
35	148			34		2.5	2.80	1.80						35
36	149	5.4		44		2.6	2.75	1.95						36
37	150			28		1.9	2.25	1.60						37
38	151			54		2.1	2.10	1.65						38
39	152	5.4		28		1.5	2.25	1.45						39
40	G 24			>400		3.6	-							40

COMMENT:

DATE SAMPLES RECEIVED

DATE REPORTS MAILED

ANALYST R. Rossbacher

CERT- 4103

BURNABY LABORATORY - 2225 SPRINGER AVE. - BURNABY 2, B.C.
ROSSBACHER LABORATORY

DATE August-26,74 TYPE SAMPLES Soil

PROJECT \ LOCATION

REQUESTED BY C.A AGER & ASSoc LTD DISPOSITION OF REJECTS DISCARD

No.	Sample	pH	Mo	Cu	Ni	% Fe	% Na	% K						No.
01	4CLS 153			28		2.8	2.80	1.50						01
02	154			34		2.9	2.70	1.80						02
03	155			32		2.6	2.50	1.50						03
04	156	5.6		32		2.8	2.25	1.30						04
05	157			58		2.4	2.30	1.15						05
06	158			50		2.6	2.35	1.10						06
07	159			54		3.6	2.05	1.20						07
08	160	5.7		48		3.0	1.85	1.25						08
09	161			76		3.3	2.25	1.65						09
10														10
11														11
12														12
13														13
14														14
15														15
16														16
17														17
18														18
19														19
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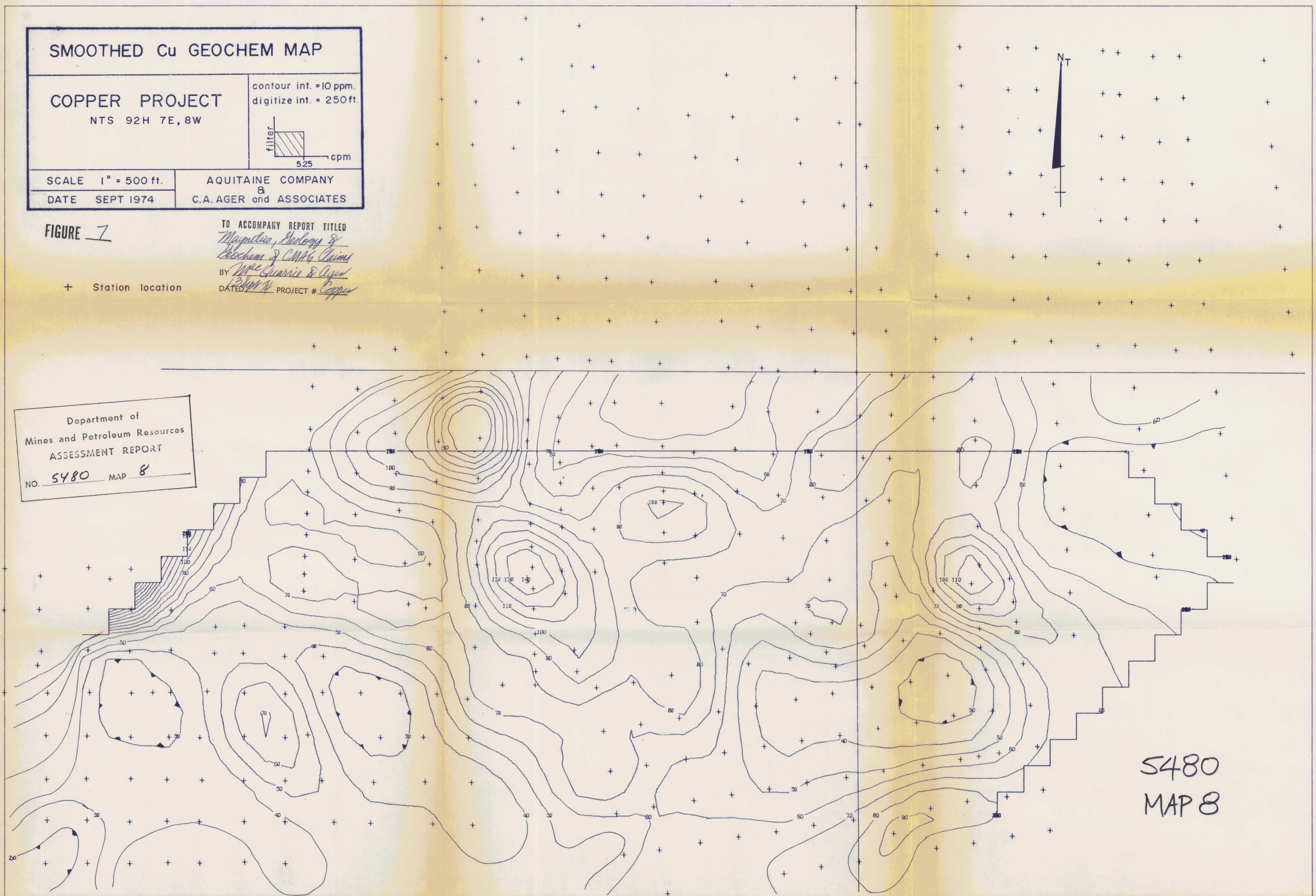
39														39
40														40

COMMENT:

DATE SAMPLES RECEIVED

DATE REPORTS MAILED

ANALYST [signature]


SMOOTHED Cu GEOCHEM MAP
COPPER PROJECT
NTS 92H 7E, 8W
contour int. = 10 ppm.
digitize int. = 250 ft.
filter
5.25
cpm
SCALE 1" = 500 ft.
DATE SEPT 1974
AQUITAINE COMPANY & C.A. AGER and ASSOCIATES
FIGURE 7
TO ACCOMPANY REPORT TITLED
Magnetics, Geology & Geochem of CMAG Claims
BY McQuarrie & Ager
DATED 13 Sept 74 PROJECT # Copper
+ Station location
Department of Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5480 MAP 8
5480
MAP 8


STRUCTURAL INTERPRETATION MAP
COPPER PROJECT
NTS 92H 7E, 8W
contour int. = 200 γ
digitize int. = 250 ft.
filter
cpm
525
10.5
SCALE 1" = 500 ft.
DATE SEPT 1974
AQUITAINE COMPANY
&
C.A. AGER and ASSOCIATES
FIGURE 6
Station location
Interpreted fault
Interpreted buried contact
Mapped contact
TO ACCOMPANY REPORT TITLED
Magnetics, Geology & Geochem of CMKG Claims
BY Mac Quarrie & Ager
DATED 13 Sept 74
PROJECT # Copper
Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5480
MAP 7
NT
22°45'
NM
5480
MAP 7

SECOND DERIVATIVE OF GROUND MAG.

COPPER PROJECT

NTS 92H 7E, 8W

contour int. = $\frac{1000}{(250 ft)^2}$
digitize int. = 250 ft.

filter — cpm — 5.25

SCALE 1" = 500 ft.
DATE SEPT 1974

AQUITAINE COMPANY
&
C.A. AGER and ASSOCIATES

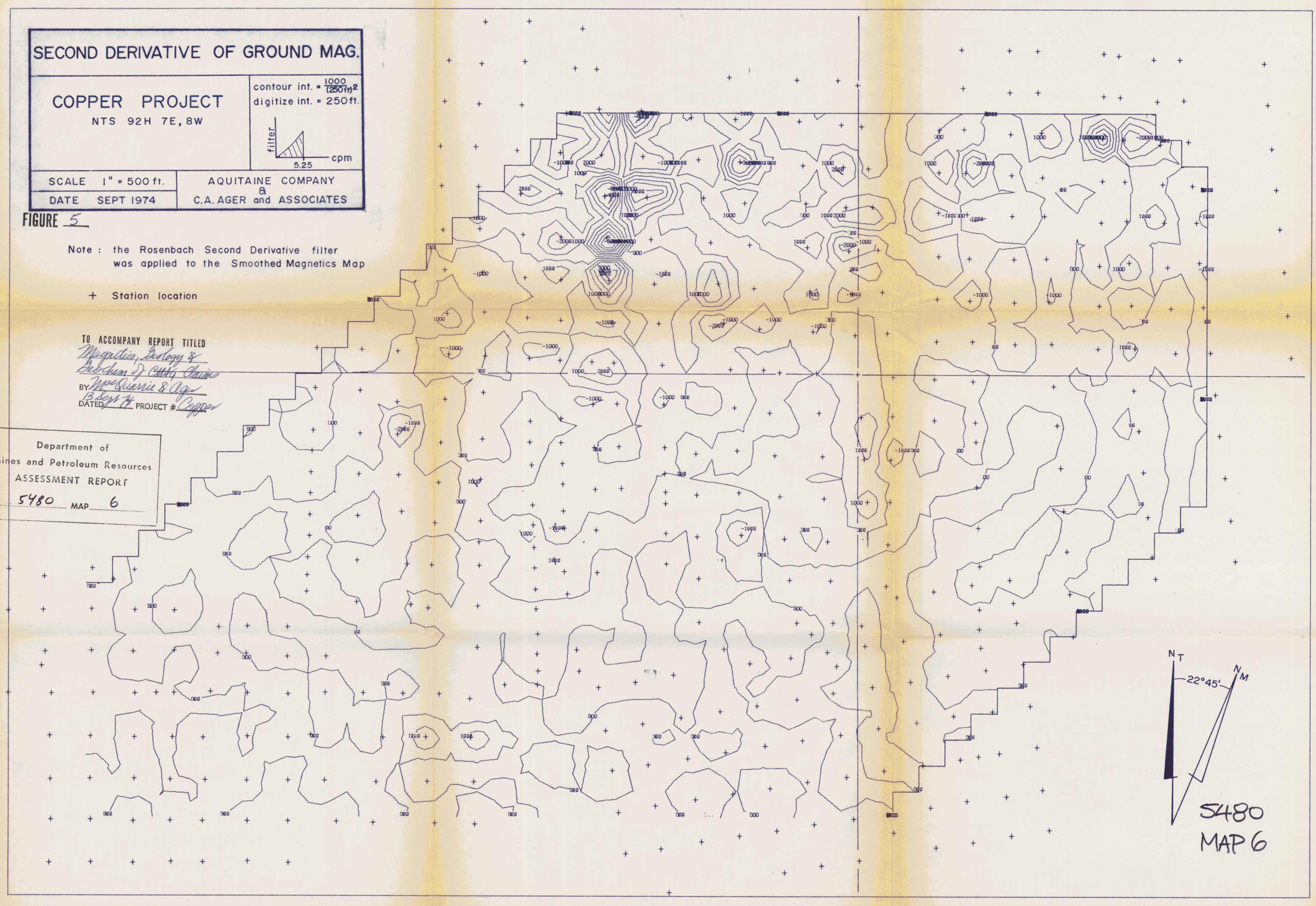
FIGURE 5

Note : the Rosenbach Second Derivative filter was applied to the Smoothed Magnetics Map

\+ Station location

TO ACCOMPANY REPORT TITLED Magnetics, Geology & Geochem of CMH Claims
BY McQuarrie & Ager
DATED 13 Sept 74 PROJECT # Copper

Department of Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5480 MAP 6



5480
MAP 6

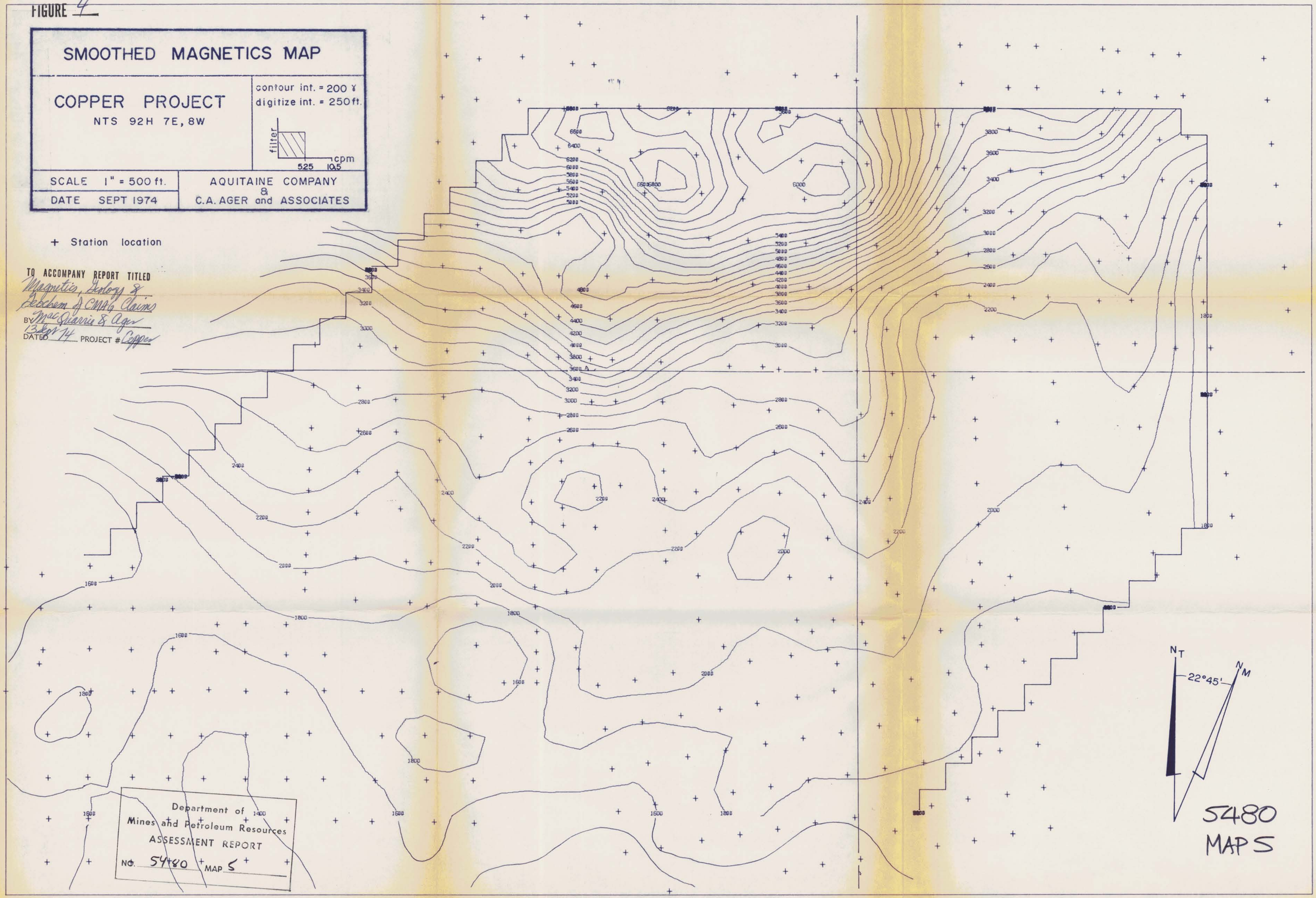
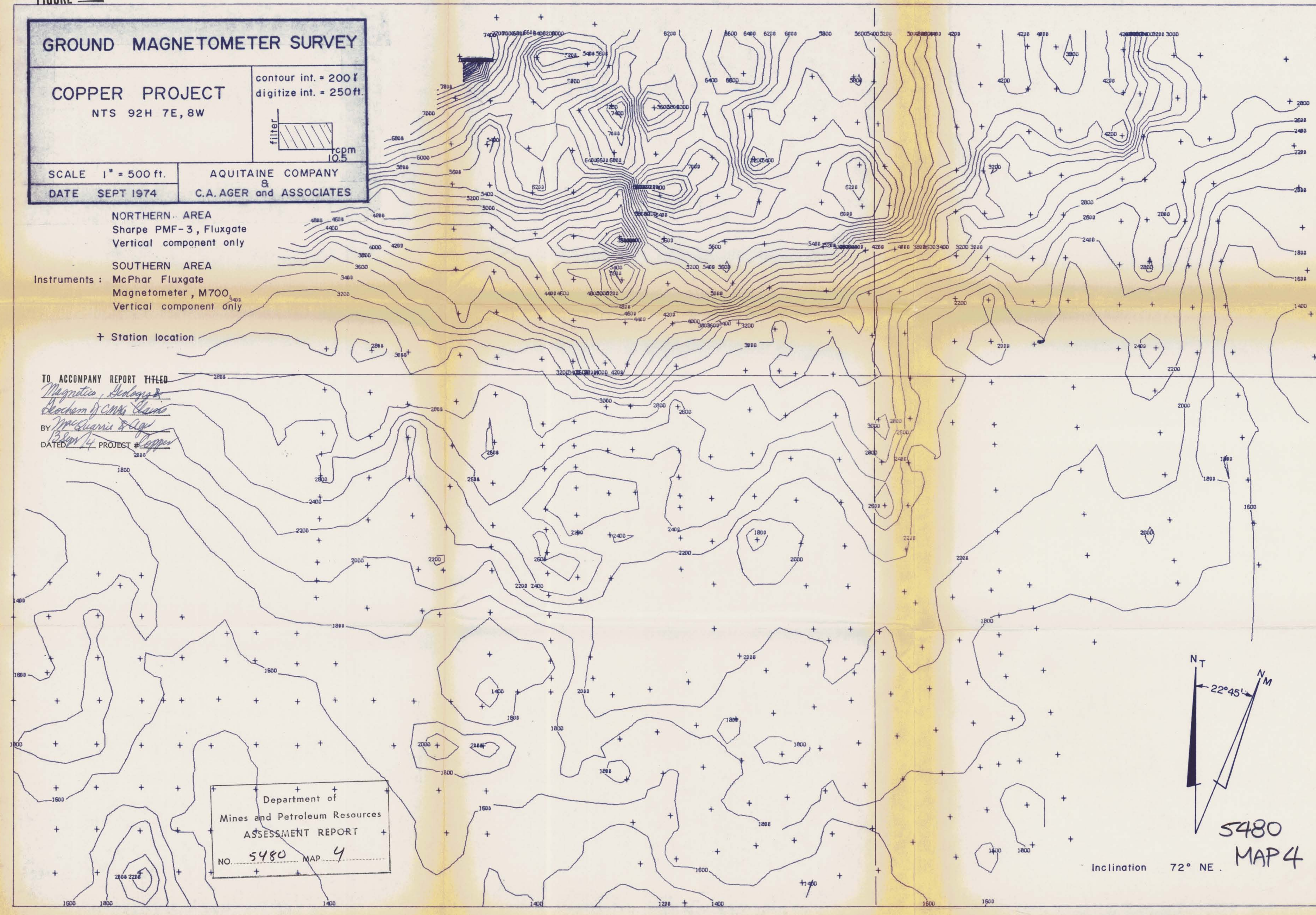
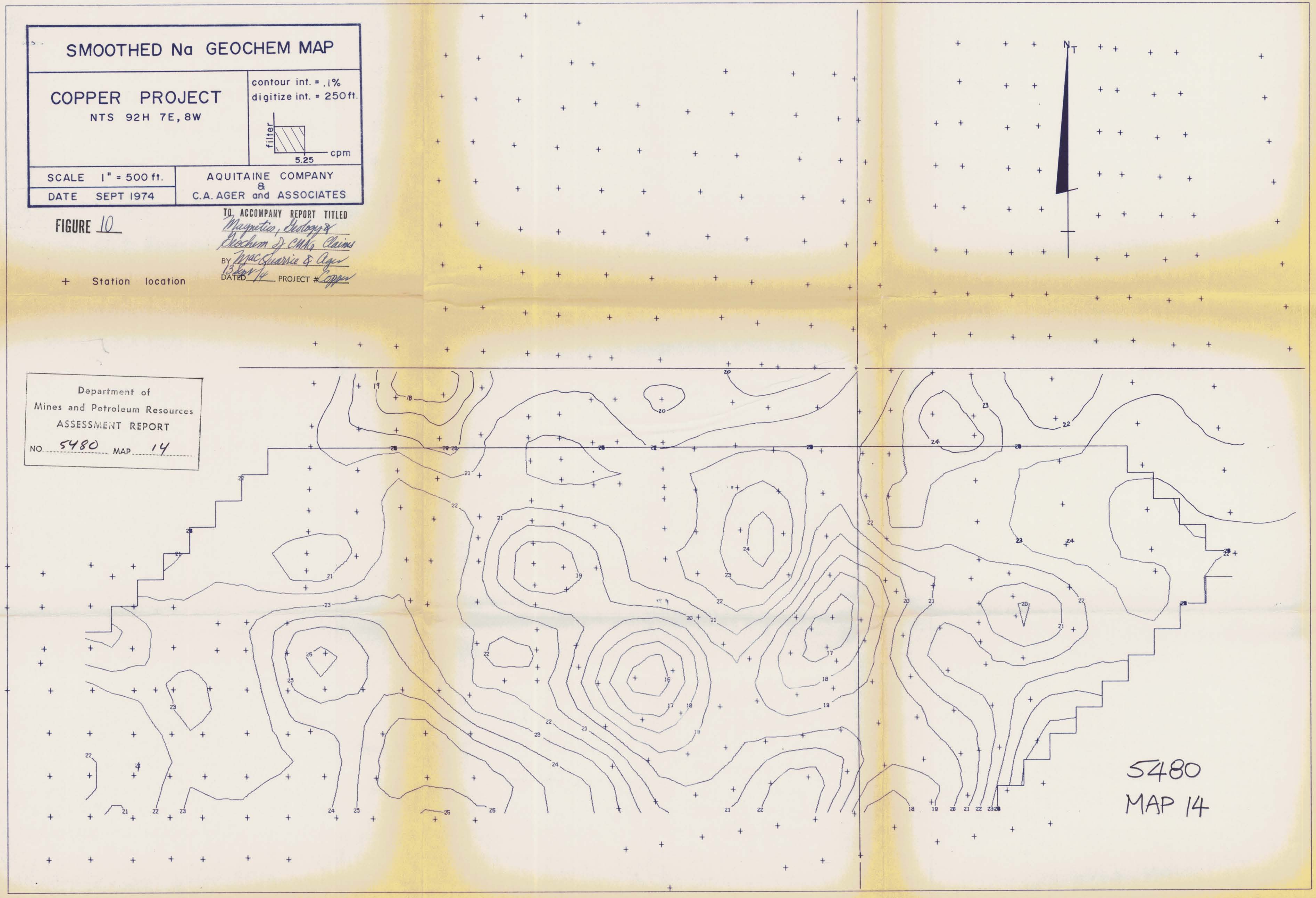


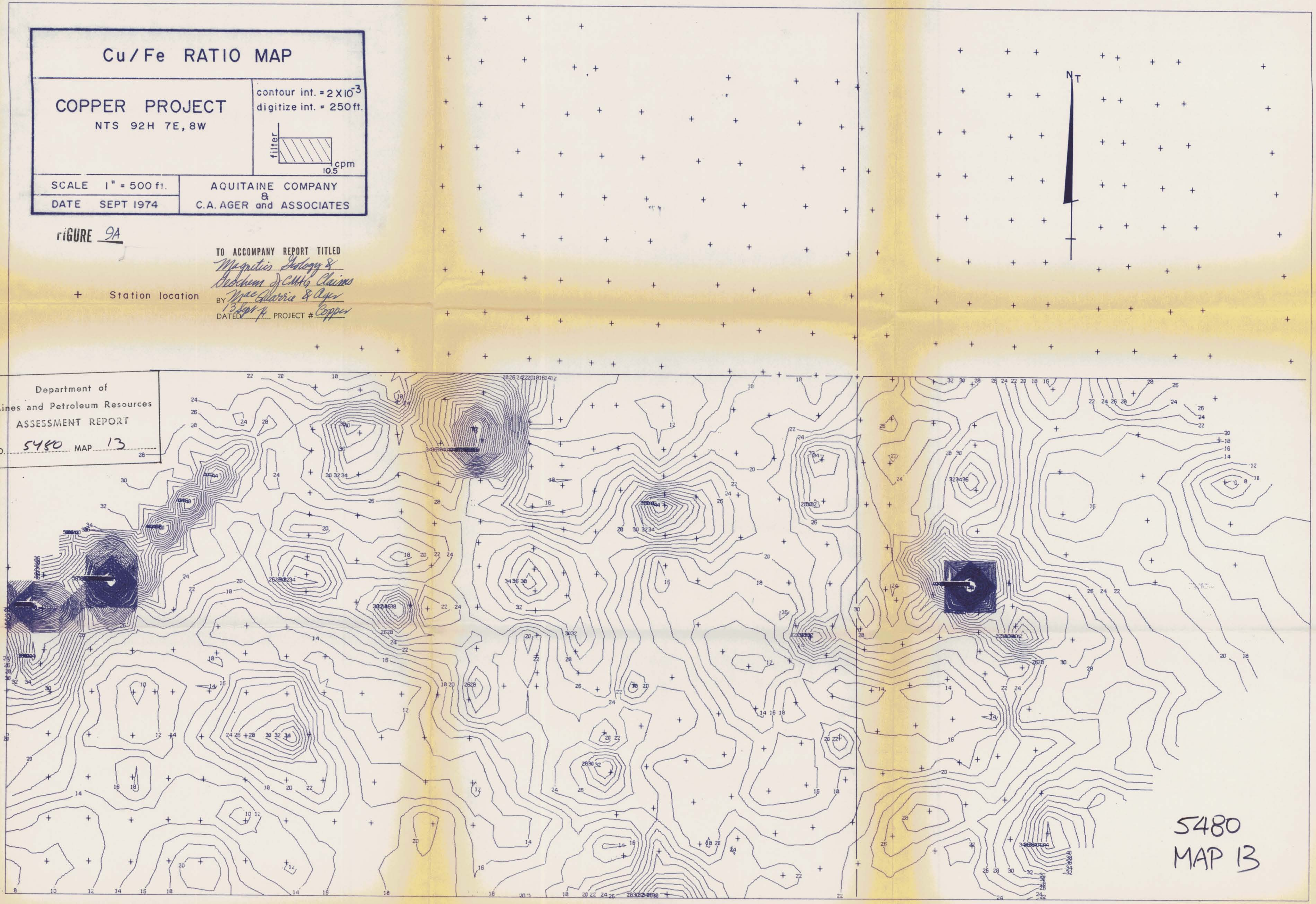
FIGURE 4
SMOOTHED MAGNETICS MAP
COPPER PROJECT
NTS 92H 7E, 8W
contour int. = 200 γ
digitize int. = 250 ft.
filter
cpm
525 10.5
SCALE 1" = 500 ft.
DATE SEPT 1974
AQUITAINE COMPANY
&
C.A. AGER and ASSOCIATES
+ Station location
TO ACCOMPANY REPORT TITLED Magnetics, Geology & Geochem of CMAG Claims
BY MacQuarrie & Ager
DATED 13 Sept 74 PROJECT # Copper
Department of Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5480 MAP 5
22°45'
5480
MAP 5

FIGURE 3

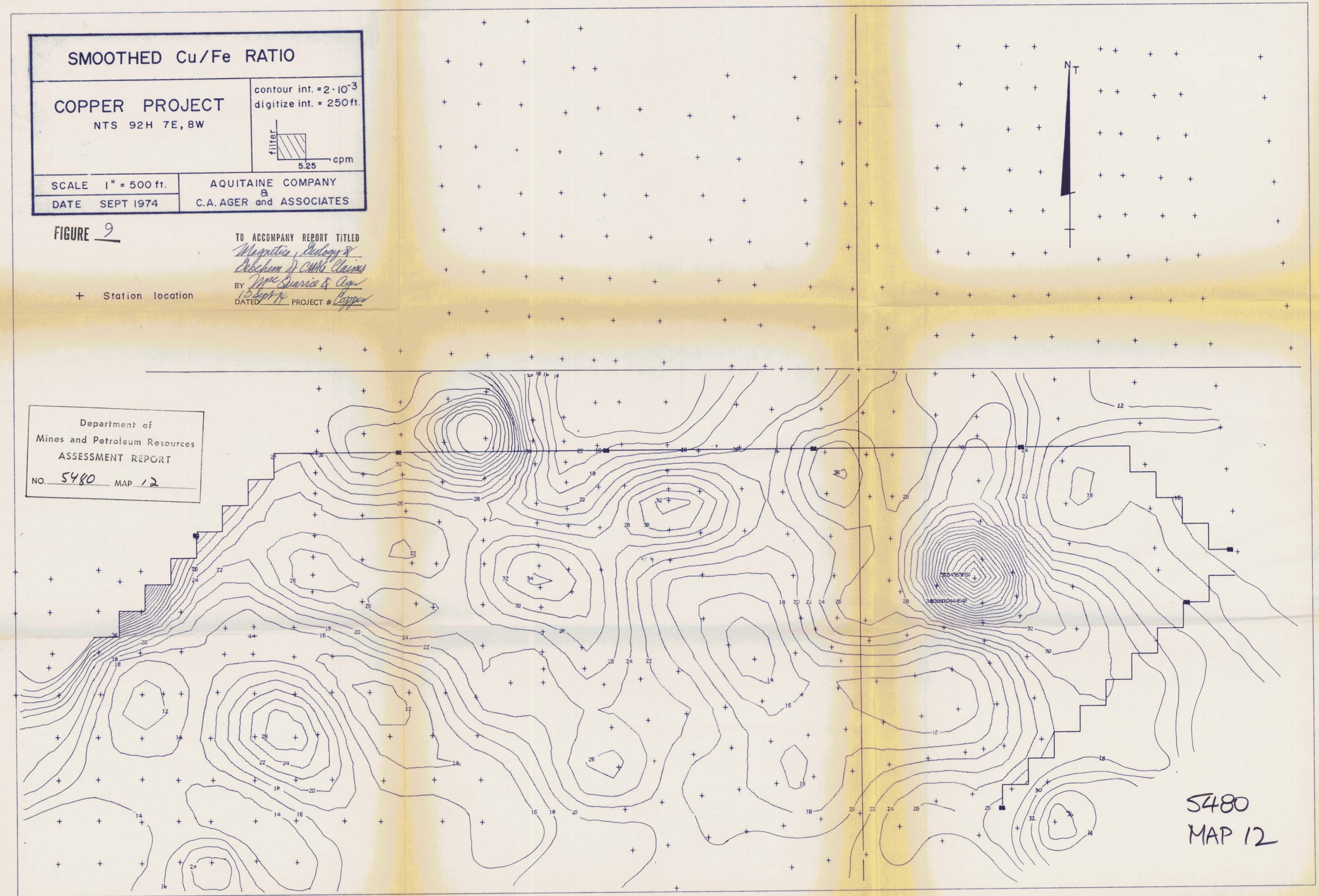

GROUND MAGNETOMETER SURVEY
COPPER PROJECT
NTS 92H 7E, 8W
contour int. = 200 γ
digitize int. = 250 ft.
filter
cpm
10.5
SCALE 1" = 500 ft.
DATE SEPT 1974
AQUITAINE COMPANY & C.A. AGER and ASSOCIATES
NORTHERN AREA
Sharpe PMF-3, Fluxgate
Vertical component only
SOUTHERN AREA
Instruments : McPhar Fluxgate
Magnetometer, M700.
Vertical component only
+ Station location
TO ACCOMPANY REPORT TITLED
Magnetics, Geology & Geochem of CMK Claims
BY MacQuarrie & Ager
DATED Sept 74 PROJECT # Copper
Department of Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5480 MAP 4
N_T
N_M
22°45'
Inclination 72° NE.
5480
MAP 4

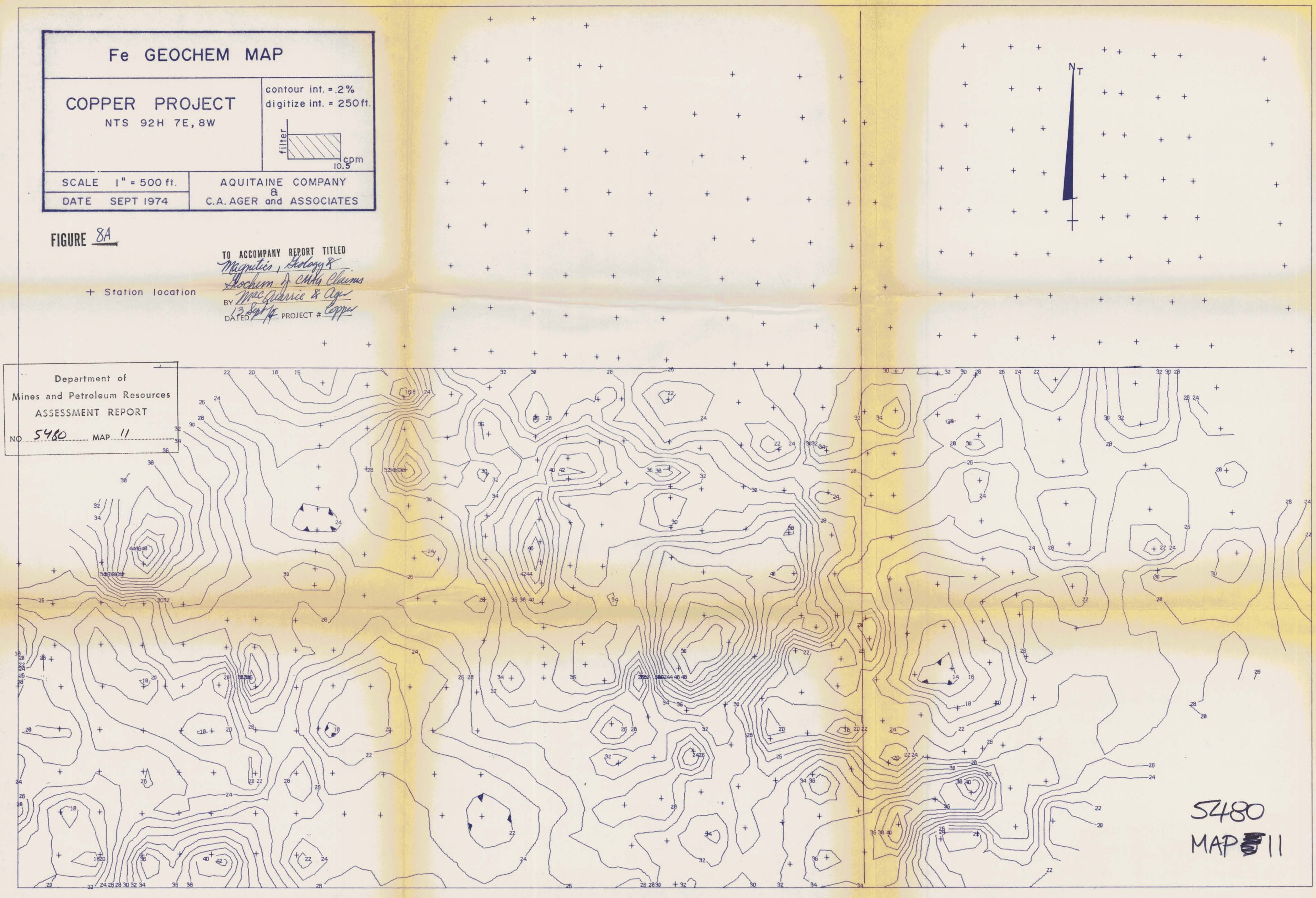
Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5480 MAP 3
SIMILKAMEEN RIVER
BOUNDARY FAULT
CLAIM GROUP OUTLINE
N
LEGEND
TERTIARY
17 andesite and basalt flows, breccia and tuff
UPPER TRIASSIC, COPPER MOUNTAIN INTRUSIONS
10 microdiorite and latite porphyry dikes
6 diorite
AGE UNKNOWN
5 massive augite basalt porphyry
UPPER TRIASSIC, NICOLA GROUP
2a,b massive andesite, minor basalt, 2b : pillow lava
2c volcanic breccia and agglomerate
2d grey, green and brown andesitic tuff; minor conglomerate
2e undifferentiated
1 grey, graded and/or crossbedded, volcanic siltstone and sandstone; conglomerate, minor limestone
1a volcanic breccia, tuff, and massive andesite
geological contact; located, approximate, assumed.
fault contact; located, approximate, assumed.
X outcrop locations
Copper occurrence
200' (45°) Drill hole, length and dip angle
5480 MAP 3
TO ACCOMPANY REPORT TITLED
BY
DATED
PROJECT
Geology after V.A. Preto, B.C.D.M. Bulletin 59
modified by D.R. MacQuarrie
GEOLOGY COMPILATION MAP
COPPER PROJECT
NTS 92H 7E, 8W
contour int. = 250ft.
digitize int. =
filter
cpm
SCALE 1" = 500 ft.
DATE SEPT 1974
AQUITAINE COMPANY
&
C.A. AGER and ASSOCIATES
FIGURE 2


SMOOTHED Na GEOCHEM MAP
COPPER PROJECT
NTS 92H 7E, 8W
contour int. = .1%
digitize int. = 250ft.
filter
5.25
cpm
SCALE 1" = 500 ft.
DATE SEPT 1974
AQUITAINE COMPANY
&
C.A. AGER and ASSOCIATES
FIGURE 10
TO ACCOMPANY REPORT TITLED
Magnetics, Geology & Geochem of CMH Claims
BY MacQuarrie & Ager
DATED
PROJECT # Copper
+ Station location
Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5480 MAP 14
N
T
5480
MAP 14

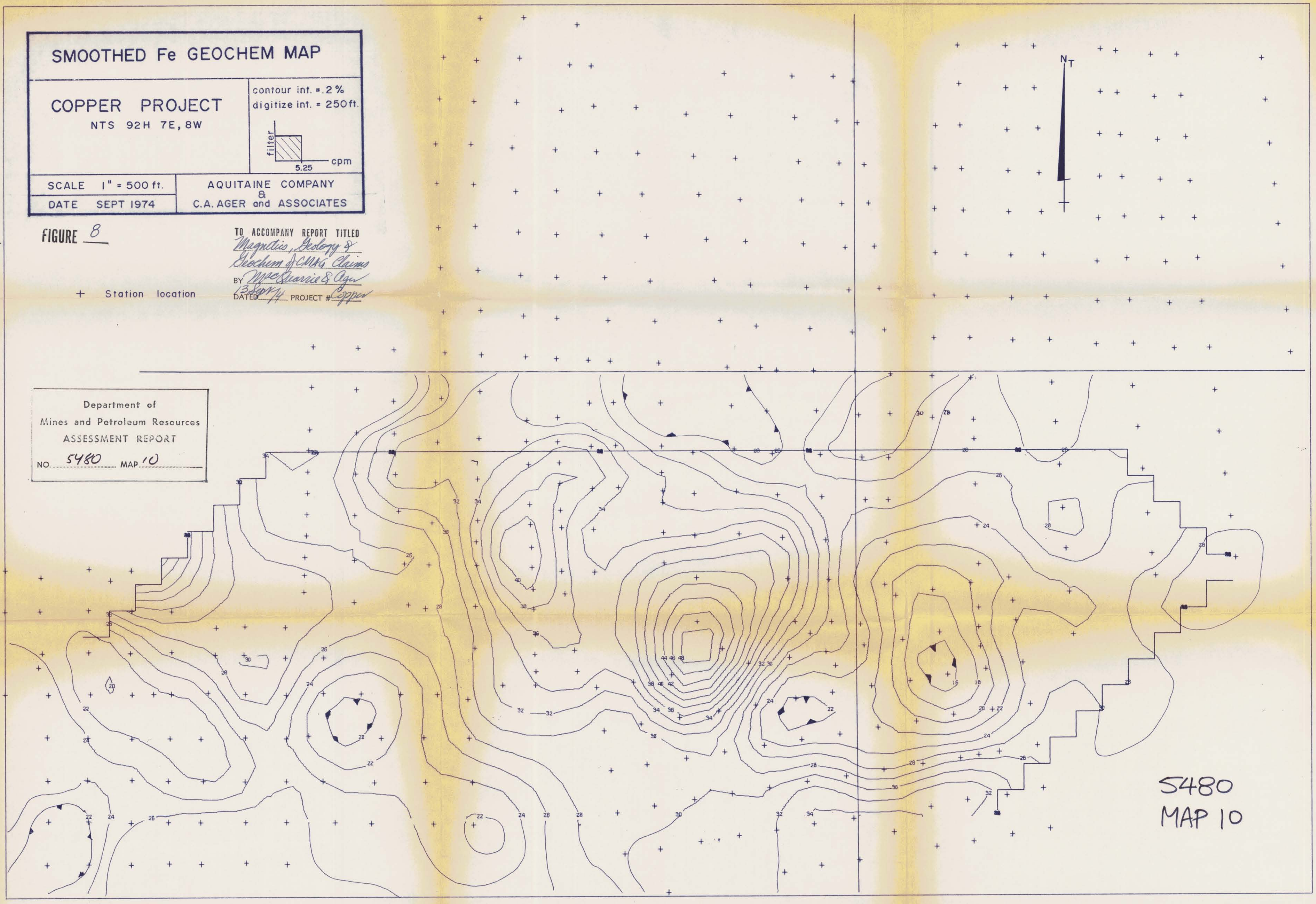


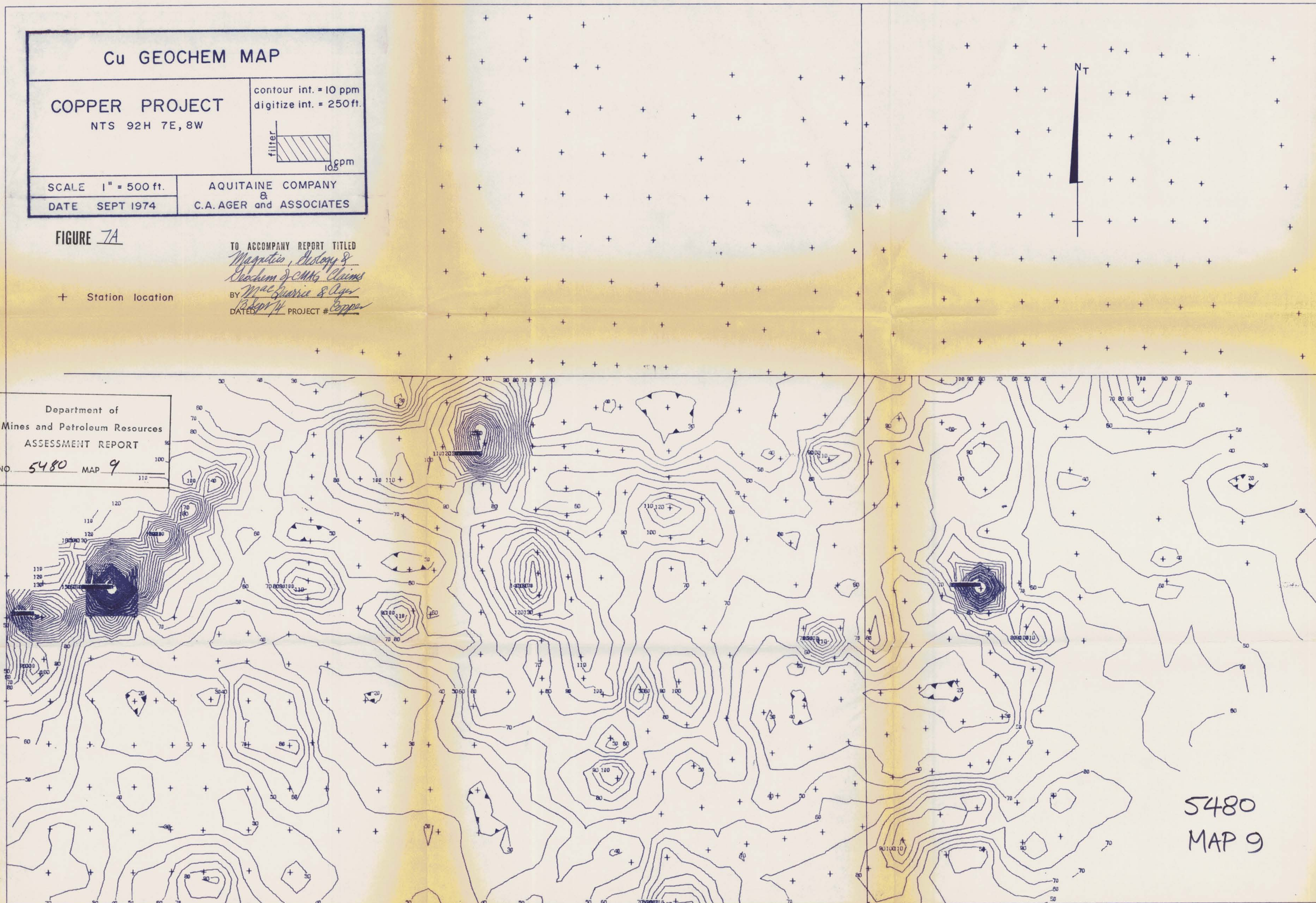
Cu/Fe RATIO MAP
COPPER PROJECT
NTS 92H 7E, 8W
contour int. = 2 X 10^-3
digitize int. = 250 ft.
filter
cpm
10.5
SCALE 1" = 500 ft.
DATE SEPT 1974
AQUITAINE COMPANY & C.A. AGER and ASSOCIATES
FIGURE 9A
TO ACCOMPANY REPORT TITLED Magnetic Geology & Geochem of CMAG Claims
BY MacQuarrie & Ager
DATED 13 Sept 74 PROJECT # Copper
+ Station location
Department of Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5480 MAP 13
N
T
5480
MAP 13

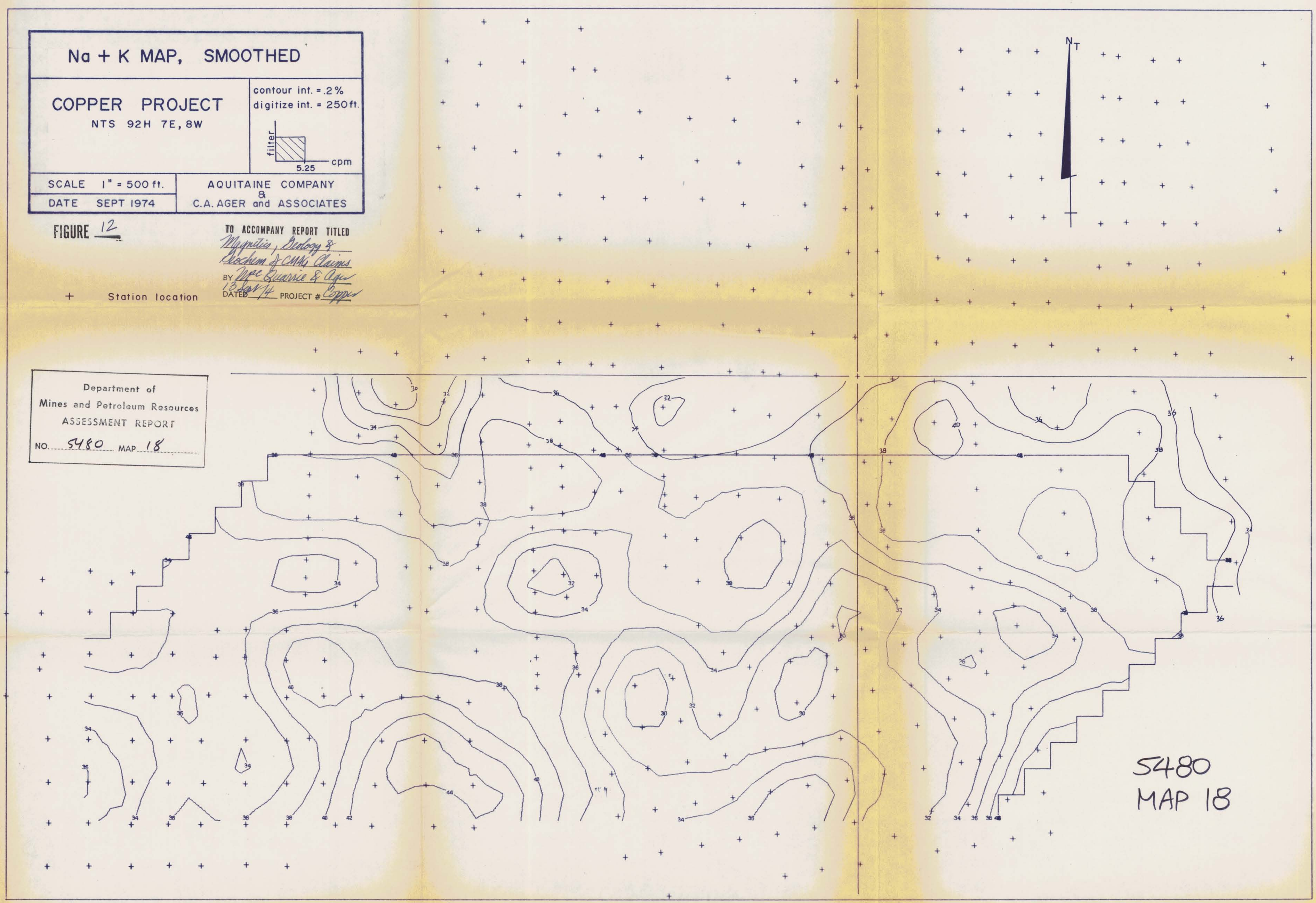

SMOOTHED Cu/Fe RATIO
COPPER PROJECT
NTS 92H 7E, 8W
contour int. = 2 · 10⁻³
digitize int. = 250 ft.
filter
5.25
cpm
SCALE 1" = 500 ft.
DATE SEPT 1974
AQUITAINE COMPANY & C.A. AGER and ASSOCIATES
FIGURE 9
TO ACCOMPANY REPORT TITLED Magnetics, Geology & Geochem of CMAG Claims
BY McQuarrie & Ager
DATED 13 Sept 74 PROJECT # Copper
+ Station location
NT
Department of Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5480 MAP 12
5480
MAP 12



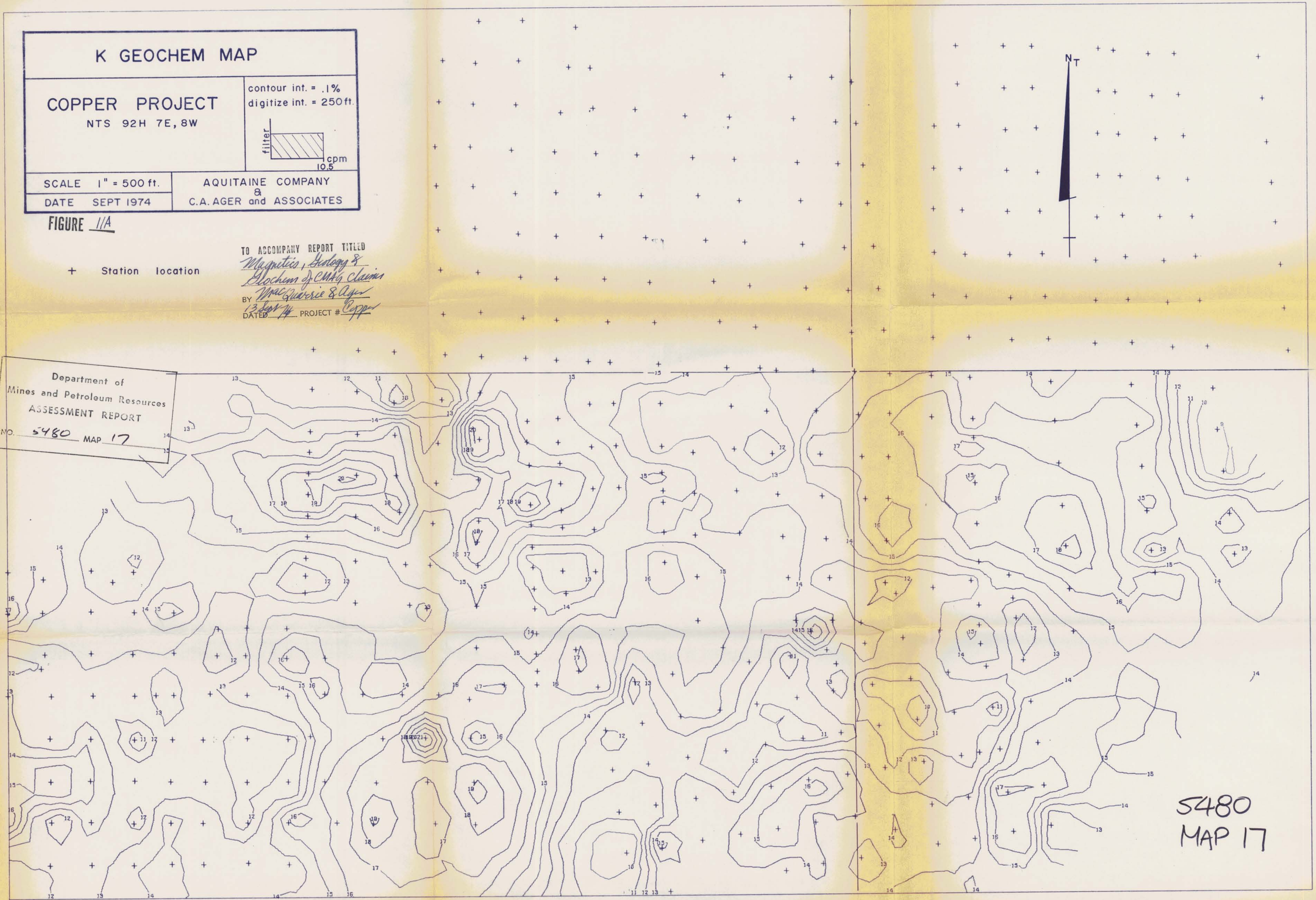
Fe GEOCHEM MAP
COPPER PROJECT
NTS 92H 7E, 8W
contour int. = .2%
digitize int. = 250 ft.
filter
cpm
10.5
SCALE 1" = 500 ft.
DATE SEPT 1974
AQUITAINE COMPANY & C.A. AGER and ASSOCIATES
FIGURE 8A
+ Station location
TO ACCOMPANY REPORT TITLED Magnetics, Geology & Geochem of CMA Claims
BY MacQuarrie & Ager
DATED 13 Sept 74 PROJECT # Copper
Department of Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5480 MAP 11
N
T
5480
MAP 11

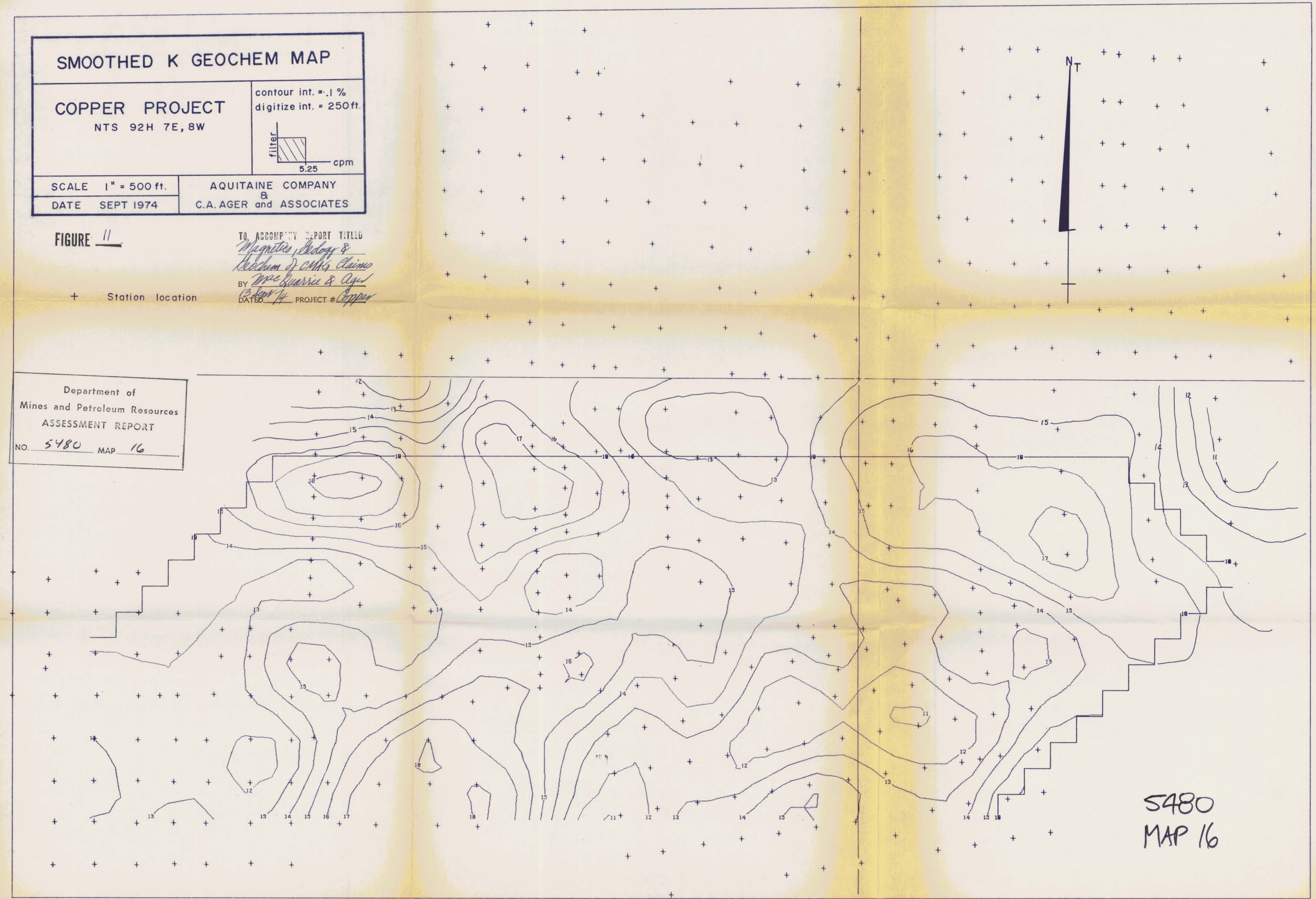

SMOOTHED Fe GEOCHEM MAP
COPPER PROJECT
NTS 92H 7E, 8W
contour int. = .2 %
digitize int. = 250 ft.
filter
5.25
cpm
SCALE 1" = 500 ft.
DATE SEPT 1974
AQUITAINE COMPANY & C.A. AGER and ASSOCIATES
FIGURE 8
TO ACCOMPANY REPORT TITLED Magnetics, Geology & Geochem of CMAG Claims
BY MacQuarrie & Ager
DATED 13 Sept/74 PROJECT # Copper
+ Station location
Department of Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5480 MAP 10
N
5480
MAP 10


Cu GEOCHEM MAP
COPPER PROJECT
NTS 92H 7E, 8W
contour int. = 10 ppm
digitize int. = 250 ft.
filter
105 ppm
SCALE 1" = 500 ft.
DATE SEPT 1974
AQUITAINE COMPANY
&
C.A. AGER and ASSOCIATES
FIGURE 7A
TO ACCOMPANY REPORT TITLED
Magnetics, Geology & Geochem of CMAG Claims
BY MacQuarrie & Ager
DATED Sept/74 PROJECT # Copper
+ Station location
Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5480 MAP 9
N
5480
MAP 9

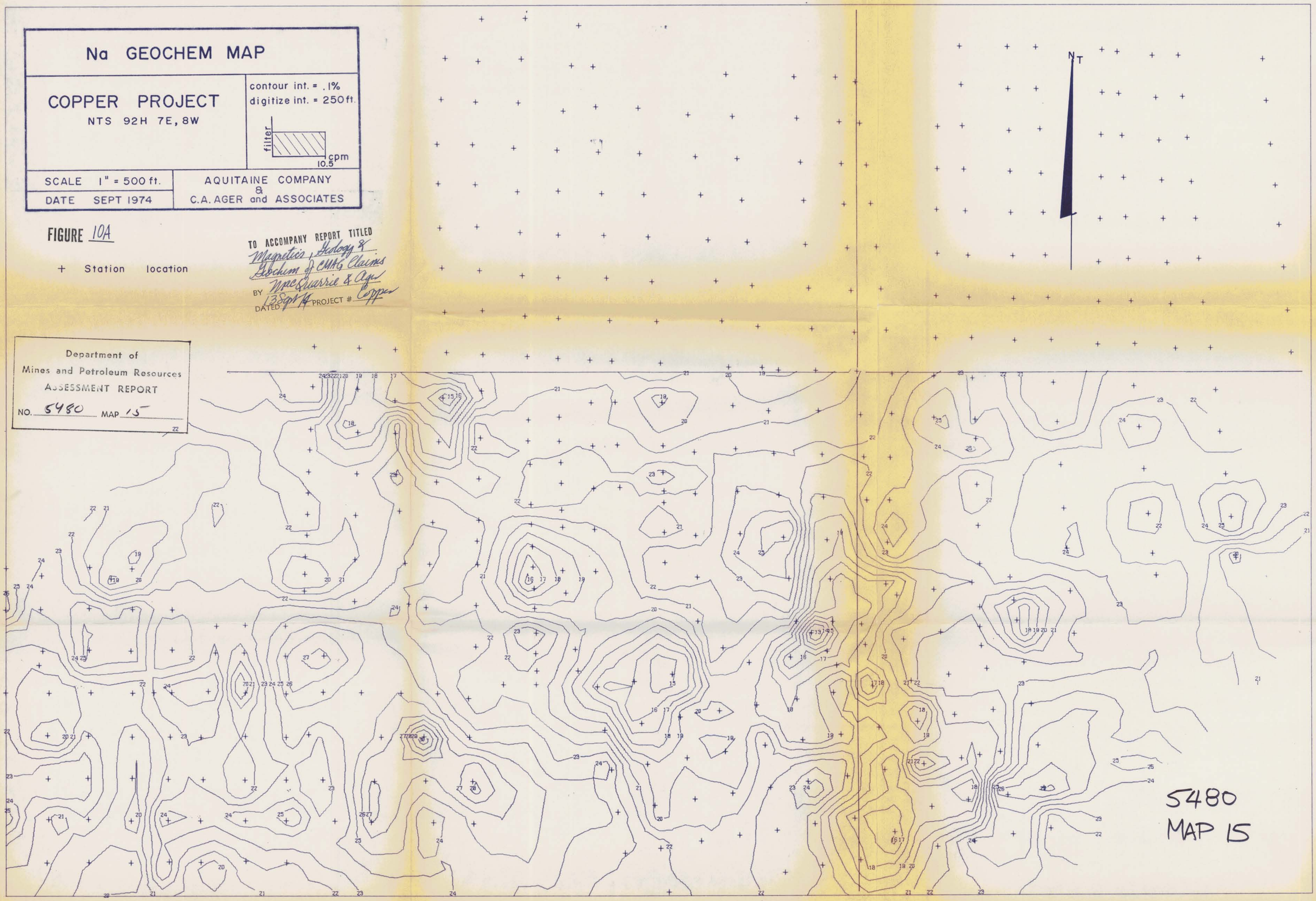


Na + K MAP, SMOOTHED
COPPER PROJECT
NTS 92H 7E, 8W
contour int. = .2%
digitize int. = 250 ft.
filter
cpm
5.25
SCALE 1" = 500 ft.
DATE SEPT 1974
AQUITAINE COMPANY & C.A. AGER and ASSOCIATES
FIGURE 12
TO ACCOMPANY REPORT TITLED
+ Station location
PROJECT # Copper
Department of Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5480 MAP 18
N T
5480
MAP 18

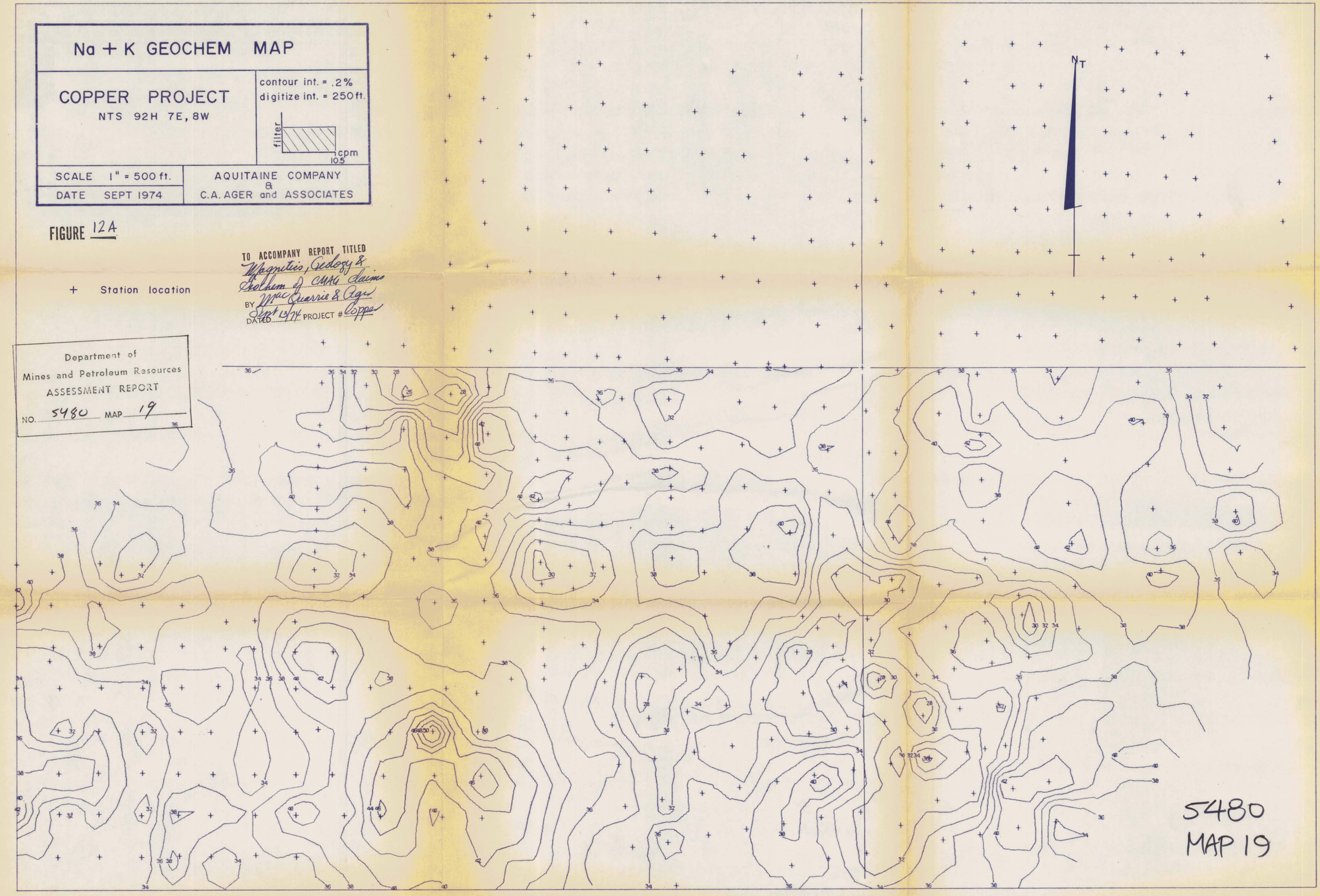

K GEOCHEM MAP
COPPER PROJECT
NTS 92H 7E, 8W
contour int. = .1%
digitize int. = 250 ft.
filter
cpm
10.5
SCALE 1" = 500 ft.
DATE SEPT 1974
AQUITAINE COMPANY
&
C.A. AGER and ASSOCIATES
FIGURE 11A
+ Station location
TO ACCOMPANY REPORT TITLED
Magnetics, Geology &
Geochem of CMAG claims
BY MacQuarrie & Ager
DATED 13 Sept 74 PROJECT # Copper
Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5480 MAP 17
N
T
5480
MAP 17

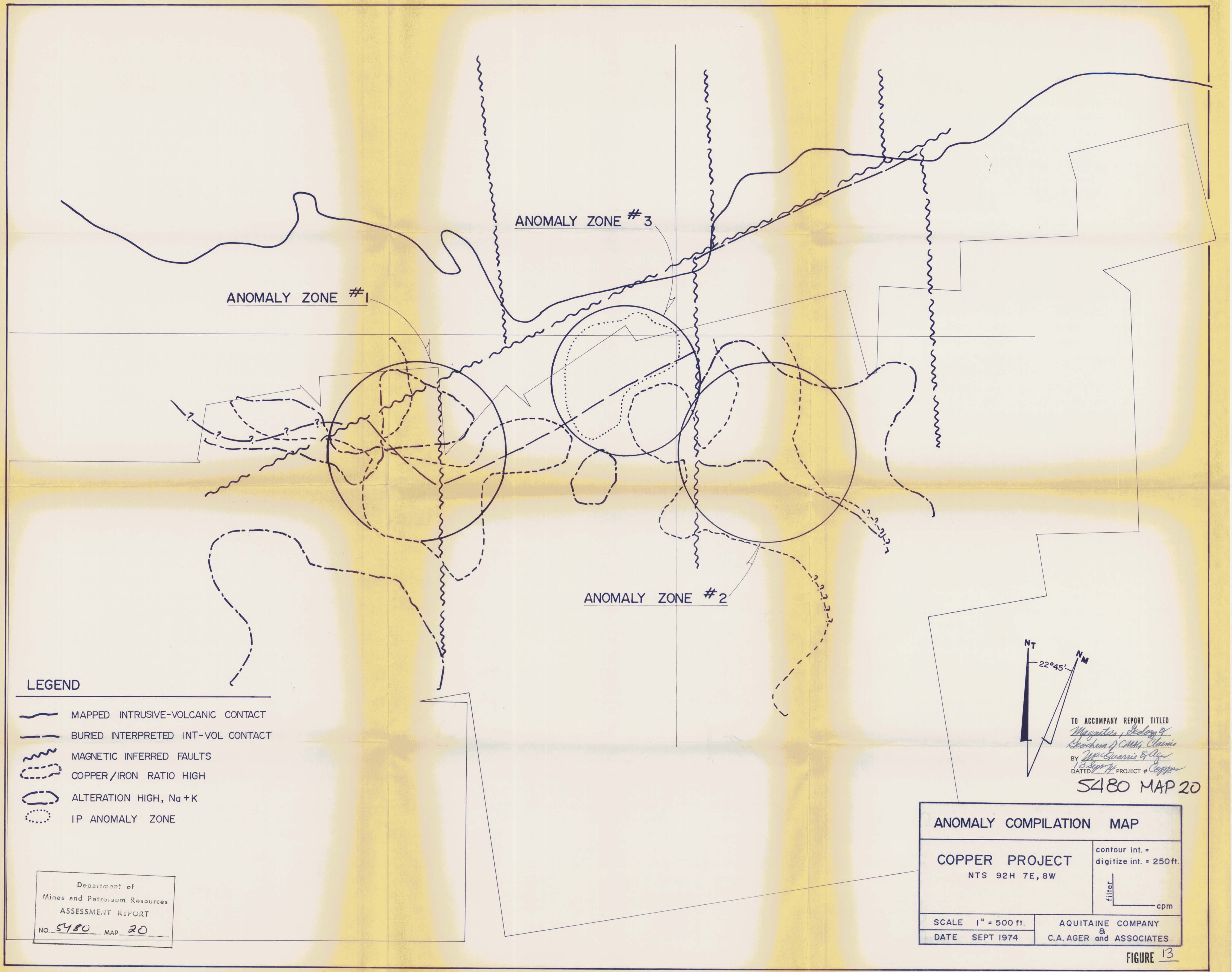


SMOOTHED K GEOCHEM MAP
COPPER PROJECT
NTS 92H 7E, 8W
contour int. = .1 %
digitize int. = 250 ft.
filter
5.25
cpm
SCALE 1" = 500 ft.
DATE SEPT 1974
AQUITAINE COMPANY & C.A. AGER and ASSOCIATES
FIGURE 11
TO ACCOMPANY REPORT TITLED Magnetics, Geology & Geochem of CMH's Claims
BY MacQuarrie & Ager
DATED 13 Sept 74 PROJECT # Copper
+ Station location
Department of Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5480 MAP 16
N
T
5480
MAP 16



Na GEOCHEM MAP
COPPER PROJECT
NTS 92H 7E, 8W
contour int. = .1%
digitize int. = 250 ft.
filter
cpm
10.5
SCALE 1" = 500 ft.
DATE SEPT 1974
AQUITAINE COMPANY & C.A. AGER and ASSOCIATES
FIGURE 10A
+ Station location
TO ACCOMPANY REPORT TITLED Magnetics, Geology & Geochem of CMAG Claims
BY MacQuarrie & Ager
DATED 13 Sept 74 PROJECT # Copper
Department of Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5480 MAP 15
N T
5480
MAP 15


Na + K GEOCHEM MAP
COPPER PROJECT
NTS 92H 7E, 8W
contour int. = .2%
digitize int. = 250 ft.
filter
cpm
10.5
SCALE 1" = 500 ft.
DATE SEPT 1974
AQUITAINE COMPANY & C.A. AGER and ASSOCIATES
FIGURE 12A
+ Station location
TO ACCOMPANY REPORT TITLED Magnetics, Geology & Geochem of CMAG claims
BY MacQuarrie & Ager
DATED Sept 13/74 PROJECT # Copper
Department of Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5480 MAP 19
N
T
5480
MAP 19


ANOMALY ZONE #3
ANOMALY ZONE #1
ANOMALY ZONE #2
NT
NM
22°45'
LEGEND
MAPPED INTRUSIVE-VOLCANIC CONTACT
BURIED INTERPRETED INT-VOL CONTACT
MAGNETIC INFERRED FAULTS
COPPER/IRON RATIO HIGH
ALTERATION HIGH, Na+K
IP ANOMALY ZONE
Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5480 MAP 20
TO ACCOMPANY REPORT TITLED
BY
DATED
PROJECT # Copper
5480 MAP 20
ANOMALY COMPILATION MAP
COPPER PROJECT
NTS 92H 7E, 8W
contour int. =
digitize int. = 250 ft.
filter
cpm
SCALE 1" = 500 ft.
DATE SEPT 1974
AQUITAINE COMPANY
&
C.A. AGER and ASSOCIATES
FIGURE 13

(2.5,23.5)
(27.5,23.5)
100N
(℄=80N) NORANDA BASE LINE
NORANDA BASE LINE ℄=80N
132E
148E
152E
156E
160E
168E
172E
176E
184E
188E
192E
196E
200E
204E
208E
212E
216E
220E
224E
232E
240E
10.5"
17"
321 – 468
171 – 320
81 – 170
1–85
PLOT ORIGIN (2.5,6.5)
(27.5,6.5)
SIMILKAMEEN RIVER
N
Department of Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5480 MAP 21
COPPER PROJECT GRID MAP
X STATION LOCATION
L101; M39 STATION NUMBERS & SAMPLE NO.
X1590 MAGNETIC VALUE (GAMMAS)
③ SEQUENTIAL STATION NUMBERS
SCALE 1"= 500'
SEPT 1974
AQUITAINE CO. & C.A. AGER & ASSOC.
(0,0) Digitize Origin
TO ACCOMPANY REPORT TITLED
FIGURE 14
COMPUTER PLOT DATA
① GRID DATA (MAG)
ΔX=ΔY= 0.5" ≈ 250'
XSIZE= 25" ⇒ NX = 51
YSIZE= 17" ⇒ NY = 35
ORIGIN = (2.5,6.5)
NP= 468
② GRID DATA Cu, Fe, Na, K
ΔX=ΔY= 0.5" (250')
XSIZE= 25" ⇒ NX= 51
YSIZE= 10.5" ⇒ NY= 22
ORIGIN = (2.5,6.5)
NP=321
5480
MAP 21