MAP NO.: 115 I 3	**ASSESSMENT REPORT** X **PROSPECTUS** **CONFIDENTIAL** X **OPEN FILE**	**DOCUMENT NO:** 092584 **MINING DISTRICT:** Whitehorse **TYPE OF WORK:** Trenching	

REPORT FILED UNDER: Kerr Addison Mines Limited

DATE PERFORMED: 16-21 July, 1988 **DATE FILED:** 27 October, 1988

LOCATION: **LAT.:** 62°04'N **AREA:** Mt Nansen

LONG.: 137°19'W **VALUE $:** 9 000.00

CLAIM NAME & NO.: ONLY 1-30 (YA93535-64)

WORK DONE BY: L Grexton

WORK DONE FOR: Kerr Addison Mines Limited

DATE TO GOOD STANDING:

REMARKS: #52 LONELY
Up to 1650 ppb Au and 14.2 ppm Au occur in altered porphyry with fine quartz stringers west of Mt Nansen. In 1988, trench samples returned fairly consistent but weak gold samples confirming the existence of a low-grade porphyry system.

Indian and Northern Affairs Canada | Affaires indiennes et du Nord Canada

092584

M.R. file no.

R.M.M.R. file no.

Date forwarded 28 October 1988

TRANSMITTAL FORM

From ▶ Mining Recorder at: Whitehorse

To ▶ Regional Manager, Mineral Rights at Whitehorse, Y.T.

For action are:

- ☐ NEW APPLICATION FOR PLACER LEASE TO PROSPECT — Name
- ☐ RENEWAL APPLICATION PLACER LEASE TO PROSPECT — Name — Lease no.
- ☐ AFFIDAVIT OF EXPENDITURE ON PLACER LEASE — Name — Lease no.
- ☐ SECURITY DEPOSIT
- ☐ FINANCIAL ABILITY
- ☐ ASSIGNMENT OF PLACER LEASE NO. — From — To
- ☐ GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT. — Owner
- ☐ DIAMOND DRILL LOGS — Claims — Claim sheet no. 115-I-3
- ☑ QUARTZ ASSESSMENT REPORT — Claims: Only 1-30 YA93535-YA93564 — Claim sheet no.

OFFICE OF THE REGIONAL MANAGER MINERAL RIGHTS OCT 27 1988 WHITEHORSE YUKON TERRITORY

Type of report: Trenching & In house Report

Submitted by: Kerr Addison Mines Ltd.

Cls. work performed on: Only 1-30

$ req. for ren. application: $3,000.00

Signature

REPLY ACTION 092584

Date returned 22 Nov. 88

Approved for amount required

Signature

802-6027-26 (6-86)

092584

ONLY CLAIMS 1-30

TRENCHING 1988

ASSESSMENT & IN-HOUSE REPORT

N.T.S. 115I/3

Latitude 62°04'

Longitude 137°19'

Whitehorse Mining District

July 16-21, 1988

092584

Kerr Addison Mines Limited
703-1112 West Pender Street
Vancouver, B.C. V6E 2S1

L. Grexton
October, 1988

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 9000.00 .

Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory

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SUMMARY

The Only 1-30 mineral claims on N.T.S. map sheet 115I/3 are 3.7km south-southwest of Mt. Nansen and roughly 60km west of Carmacks. Claims were staked in 1985 to cover interesting Au, Ag, As and Sb geochemical values associated with the Lonely Cu porphyry showing west of the Mt. Nansen Mine.

The showing consists of variably altered "rhyolite"-quartz monzonite plug intruding intermediate-felsic Mt. Nansen volcanics. The volcanics appear to overlie a granodiorite-quartz diorite body in the south and west. Pyrite, pyrrhotite and locally chalcopyrite, scorodite, arsenopyrite, malachite and possibly rare molybdenite are associated with the plug.

In 1986, a VLF survey delineated two north-northwest trending linear anomalies. Soil sampling outlined several geochemically anomalous zones. Bulldozer trenching was recommended.

Initially the 1988 program was to evaluate these anomalies using a bulldozer or backhoe but the unavailability of suitable equipment limited work to hand trenching. Seventeen soil pits and one 25m long trench were dug along three easterly lines across the anomalous zones where permafrost was expected to be less.

Results indicate good potential for the plug as a low grade gold porphyry system and for possible higher grade gold deposition along north-northwesterly trending structures. The 1988 program failed to explain the VLF anomalies and a deeper "source" is suspected.

Diamond drilling is recommended to better evaluate the property.

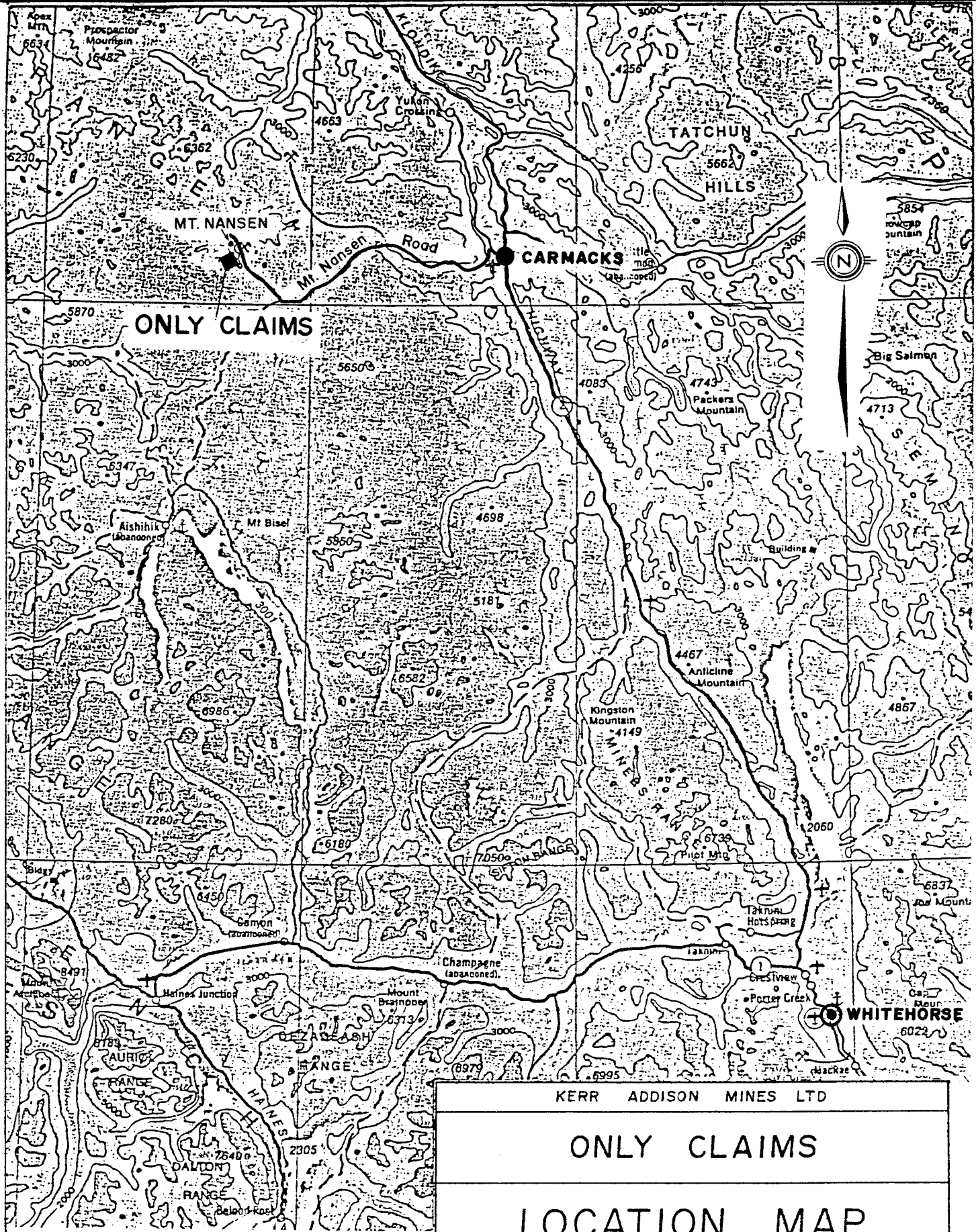


FIG. 1

0 5 10 20 30 40 60 80

KM.

KERR ADDISON MINES LTD	
ONLY CLAIMS	
LOCATION MAP	
SCALE - 1 : 1,000,000	DATE - SEPTEMBER , 1986
DRAWN BY - P.H.	DATA - J.P. , L.G.
NTS - 115 I / 3	REVISED - OCT. 1988

LOCATION AND ACCESS

Centred on latitude 62°04' and longitude 137°19', the Only claims are situated 3.7km south-southwest of Mt. Nansen and 10km northwest of the Mt. Nansen Mine on N.T.S. map sheet 115I/3. Access to within 8km of the property is possible from Carmacks via the Mt. Nansen Road (70km). A 5-10 minute helicopter flight is then required. The road was in two-wheel drive condition up to the Mt. Nansen Mine. Location of the property is shown on Fig. 1.

LEGAL DESCRIPTION

The Only property consists of 30 contiguous claims (YA93535 - YA93564) recorded on September 12, 1985. Three years work was filed on July 22, 1988. Claims are shown on Fig. 2.

TOPOGRAPHY AND VEGETATION

The claims lie in an area of gently rounded mountains and low ridges of the Dawson Range. Property elevations range from 3600' to 4800' A.S.L. Roughly 50% of the property covers an area of fairly open swampland-grassland. Exploration activity has concentrated along a low-lying, northerly trending ridge in the western half of the property. Felsenmere and minor outcrop are exposed along the ridge top, bulldozer roads and in several old trenches. A forest of spruce trees with willow and alder shrubs covers much of the Only. Bedrock exposure is limited to less than 5%.

HISTORY

During the 1970's Gordon Dickson (Whitehorse) explored the area with bulldozer trenching. In 1974, the Lonely Cu Porphyry showing, occurring along the low-lying, northerly-trending ridge, was staked by J. Dickson. These claims were allowed to lapse.

Kerr Addison Mines Ltd. briefly examined the Lonely showing in 1984 and 1985. Values of up to 1650 ppb Au and 14.2 ppm Ag were found in an altered "rhyolite" porphyry body with fine quartz stringers. Staking of the Only was prompted by increased exploration activity in the Mt. Nansen Camp. Grid construction, geologic mapping, soil sampling and a VLF survey were carried out over the western half of the property in 1986.

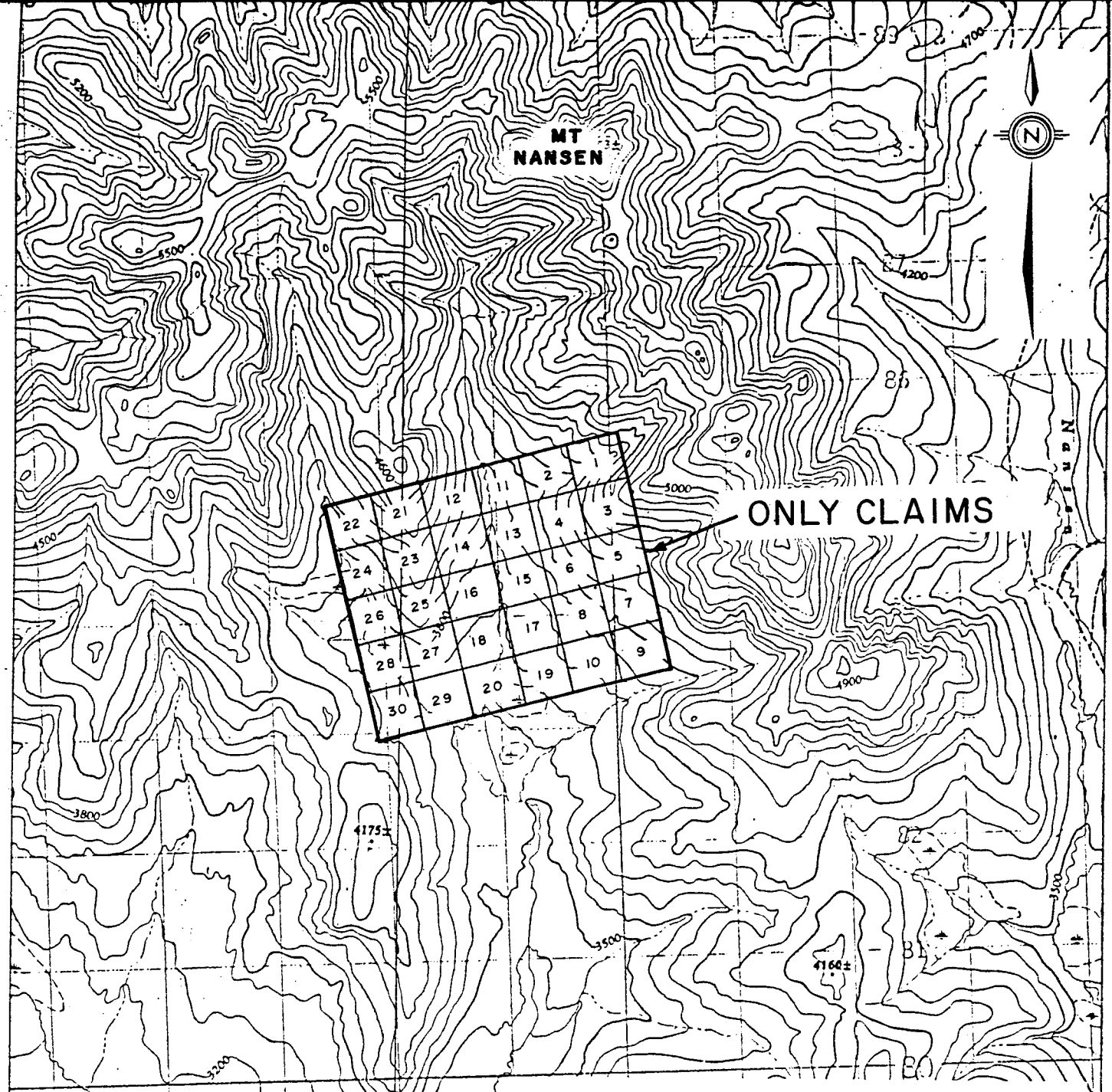


FIG. 2

0 500 1000 2000 3000 4000

METERS

KERR ADDISON MINES LTD

ONLY CLAIMS

CLAIM MAP

SCALE - 1 : 50 000	DATE - SEPTEMBER , 1986
DRAWN BY - P.H.	DATA - J.P. , L.G.
NTS - 115 I / 3	REVISED - OCT. 1988

1988 PROGRAM

Twenty four man-days were spent on the Only between July 16-21, 1988. Initially the program was to involve bulldozer or backhoe trenching across geochemical and geophysical anomalies outlined in 1986. Due to the unavailability of suitable equipment, work was limited to hand trenching across selected anomalies. Priority was given to areas where permafrost was expected to be less.

Seventeen pits roughly 1m deep and one, 25m long trench 1.5m deep, were dug along three easterly lines. (Figure 3). Twenty five soil samples were taken from the volcanic ash layer and 'B' horizon in pits dug through previously undisturbed soil. Samples of outcrop (7) and subcrop (8) were collected from the bottom of the pits. Permafrost was encountered at depths of 45-90cm in 5 pits but only 2 had to be abandoned prior to reaching subcrop. Jacques Moreau (blaster) of J. Moreau Enterprises Ltd., Whitehorse, was contracted for trench blasting. Twenty five chip samples were taken along 1m lengths from bedrock in the trench bottom.

All samples were shipped to Chemex Labs, North Vancouver, B.C., and analyzed for Au, Ag, As, Sb, and Cu plus 27 other trace elements using the I.C.P. method.

Sketches of the trench and pits with sample locations and Au, Ag, As and Cu geochemistry are shown in Figures 6a-e. Trench and pit photographs are in Appendix III.

GEOLOGY AND STRUCTURE

(a) Regional

The Only is located in an area of Mt. Nansen volcanics (Cretaceous) underlain by Casino granodiorite. The granodiorite, also of Cretaceous age, intrudes the Paleozoic Yukon Group Metamorphic Basement Complex and appears to be the volcanic source.

Throughout the area, northeast to north-northwest trending faults are prominent. Structural style of the district has been described as block faulting contemporaneous with porphyry intrusion. More detailed descriptions are available from Tempelman-Kluit 1974, 1984 and Grexton and Pautler 1985.

Precious metal potential of the area remains good with feasibility studies continuing at Chevron's Mt. Nansen Mine, active placer mining immediately northeast of Mt. Nansen and a new discovery by Noranda roughly 3km southeast of the Only property.

(b) Property

Limited exposure indicates Mt. Nansen Group volcanics underlie much of the property. They vary from rhyodacite-andesite feldspar porphyry and porphyrytic tuffs to rhyolite-rhyodacite tuffs and lapilli tuffs.

Previous Kerr Addison work indicated a small "rhyolite" (quartz) feldspar porphyry plug intrudes the volcanics on the western half of the property. It covers an area of at least $1km^2$, and is exposed as a prominent gossan along the low-lying, northerly-trending ridge. Trenching in 1988 found that the "rhyolite" varies to a fine grained (biotite) hornblende quartz monzonite feldspar porphyry. "Rhyolite" dykes cut the older volcanics.

Mt. Nansen volcanics appear to overlie a granodiorite-quartz diorite intrusion (Cretaceous) in the southwestern portion of the property. Dykes of similar composition intrude the volcanics and quartz monzonite-"rhyolite" plug.

On the east and west sides of the plug, creek drainages follow prominent north-northwest trending airphoto lineations. The western lineation corresponds to a 1986 VLF anomaly and possible displacement in the base of the Mt. Nansen volcanics. Bedrock exposed in trenching is commonly severely fractured and easily excavated. Direction of strongest jointing was 006°/60°SE in Trench 88-1 and 035°/90°, 324°/90° in Pit #1.

PROPERTY MINERALIZATION AND ALTERATION

The "rhyolite" is commonly clay altered with very weak to intense silicification. Locally it is sericitized, carbonatized, sheared and weakly brecciated. Quartz stringers 0.1-2 cm (6cm) wide occurring throughout the "rhyolite" appear related to weak shear and breccia zones.

Trenching in 1988 exposed fine grained quartz monzonite - in some cases underlying extensive "rhyolite" felsenmere. It was generally fresh to weakly silicified and/or clay altered, varying locally to intensely altered, very fine grained. Alteration zones appear to trend roughly north-south. Intensely silicified, near aphanitic sections exhibit a vague flow texture approaching "rhyolite" flow in appearance. Previously described flow may represent narrow zones of intensely altered intrusive, possibly explaining the small, flat, angular pebbles and cobbles typical of the "rhyolite" flow felsenmere.

Trace to 5% fine grained pyrite and/or pyrrhotite occurs locally throughout the "rhyolite". Pyrite up to 5%, often weakly to strongly oxidized, is generally present in the quartz monzonite. Locally very minor chalcopyrite, arsenopyrite, malachite and possibly molybdenite occur in both rock types. Limonite and scorodite are common surface and fracture coatings.

GEOCHEMISTRY AND GEOPHYSICS

(a) Previous Work

Rock sampling returned values of up to 1650 ppb Au, often showing an association with fine quartz stringers. Of the 48 samples taken, 18 had +100 ppm As (max. 1200 ppm), and 11 ran +2.0 ppm Ag (max. 14.8 ppm). Sb was generally <1.0 ppm (max. 14.8 ppm). Values of +14 ppb Au, +2.0 ppm Ag, +99 ppm As and +9.9 ppm Sb are considered anomalous.

Maximum response of soil samples was 150 ppb Au, 5.5 ppm Ag and 9.6 ppm Sb. Approximate thresholds for soil samples are as follows - 50 ppb Au, 1.0 ppm Ag, 100 ppm As and 2.0 ppm Sb. No data is available for Cu geochemistry in soil or rock.

A splayed, linear VLF anomaly was delineated on the west side of the low-lying ridge. One limb trends northwesterly and the other northerly, from a weak junction point in the south. The anomaly is open at both ends. Crossovers on VLF profiles suggest the anomalies have a very steep westerly dip.

Based on geochemical and geophysical response, 5 zones of interest were outlined and bulldozer trenching recommended. A more detailed presentation of 1986 work is available in Pautler 1986. Figure 5 shows highlights of previous work.

(b) 1988 Results

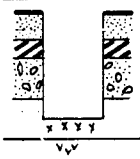
Very weak gold enrichment occurs in 5 of the 14 'B' horizon samples from the soil pits. Values ranged 15-35 ppb Au. Gold was accompanied by stronger Cu (80-263 ppm) and 4 samples also showed As enrichment (30-105 ppm). Ag was generally less than 2.0 ppm and Sb was below detection limits of 5 ppm. Volcanic ash samples returned a geochemically flat response in all but one sample, supporting 1986 findings that it is an unfavourable sampling medium.

(b) 1988 Results - cont'd

In 12 of the 15 rock samples from the pits, Au was +20 ppb (max. 115 ppb) with +110 ppm Cu (max. 555 ppm) and 5 had +100 ppm As (max. 135 ppm). Ag was generally <2.0 ppm except one sample with 7.6 ppm Ag and 115 ppb Ag. Sb was below detection limits in all samples.

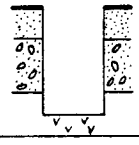
Trench rock samples showed weak gold enrichment in all but one sample. Eighteen had ≥20 ppb Au, 6 of which ranged 40-70 ppb Au. Quartz stringers (rare) were noted only in samples 335022 and 25. Highest As value found was 1505 ppm and 6 samples ran 135-210 ppm. All but one sample returned +130 ppm Cu (max. 443 ppm). Ag was only locally weakly anomalous (max. 5.2 ppm). Sb was below detection limits in all samples. See Figures 6a-e. Sample descriptions are in Appendix II. Lab analyses certificates listing results for the 32 elements are in Appendix IV.

Construction of Trench 88-1 across Pits #2 and #3 provides a limited opportunity to compare soil geochemistry and two slightly different bedrock sampling depths. (Figure 6f).



PIT 3

	Depth (cm)	Type	Au (ppb)	Ag (ppm)	As (ppm)	Cu (ppm)
	5	B_1	<5	0.2	10	13
	18	Ash	5	0.2	<5	3
	25	B_2	<5	2.0	25	23
	110	Qtz. Mon.	35	1.2	60	555
TRENCH	150	Rhyolite	<5	0.4	15	134



PIT 2

Depth (cm)	Type	Au (ppb)	Ag (ppm)	As (ppm)	Cu (ppm)
6	B	<5	0.2	<5	13
100	Rhyolite	35	1.6	105	328
150	Rhyolite	25	0.6	15	193

FIG. 6f

Soil and Rock Geochemistry
(Comparison of Pit 2,3 with Trench)

It is apparent that potential sampling and evaluation problems exist with both soil and rock.

(b) 1988 Results - cont'd

Limited excavation across the northerly trending VLF anomaly failed to find a "source" for the EM response. Sulfide content of bedrock exposures is generally insignificant suggesting the source for the anomaly lies at depth.

POSSIBLE MODEL

The previously described plug of "rhyolite" porphyry/flow appears to be an aphanitic equivalent (high level?, extrusive?) to an underlying quartz monzonite body. The quartz monzonite may represent a small pipe which produced little felsic volcanic material but is possibly parasitic to the source of felsic extrusive rocks found elsewhere in the Mt. Nansen area. Felsic pyroclastic rocks are restricted to the south margin of the plug due to erosional effects or because the pipe vented on a southerly slope. Low volume of felsic extrusive rocks may be due to:

(a) little volcanic activity (late stage feature)
(b) tapping off of fluids/magma below surface.
(c) lack of an impervious cap which would allow pressure build up

and/or (d) erosional effects.

The possibility of a moderately alkaline, felsic intrusive plug as a late stage event, is significant in terms of gold potential for the property and the immediate area.

CONCLUSIONS

(1) A small quartz monzonite plug associated with low grade gold mineralization appears to be source of "rhyolite" porphyry/flow and pyroclastics.

(2) Fairly consistent gold values found in the plug are evidence of its potential as a low grade porphyry system.

(3) Trends of altered zones, VLF anomalies and strong airphoto lineaments suggest a favourable setting for higher grade gold emplacement within north-northwesterly trending structures.

(4) Limited hand excavation of the 1988 program failed to adequately test VLF and soil geochemical anomalies outlined by previous work.

(5) Continued trenching is unlikely to provide cost-effective information of sufficient quality to delineate drill targets further. Problems are expected in the lower areas due to severe permafrost problems and water seepage.

RECOMMENDATIONS

(1) All soil samples from previous work be rerun for Cu.

(2) VLF and geochemical anomalies be evaluated by diamond drilling. Possible drill hole locations are given in Figure 7.

(3) A magnetometer survey to outline the intrusive margins be considered following encouraging drill results.

APPENDIX I

Selected References:

Arscott, D., Grexton, L., Pautler, J., 1984: Yukon Gold Silver regional project (Y-06), 1984 program; Kerr Addison Mines Limited, In-House Report.

Grexton, L., and Pautler, J., 1985: Yukon Gold Silver regional project (Y-06), 1985 program; Kerr Addison Mines Limited, In-House Report.

Pautler, J., 1986 Only 1-30 Claims, Geological, Geochemical and Geophysical Report Aug. 25 to Sept. 2, 1986; Kerr Addison Mines Limited, Assessment Report.

Tempelman-Kluit, D.J., 1974: Reconnaissance Geology of the Aishihik Lake, Snag and part of Stewart River map-areas, west-central Yukon; G.S.C. Paper 73-41.

Tempelman-Kluit, D.J., 1984: Geology, Laberge (105E) and Carmacks (115 I), Yukon Territory; G.S.C. O.F. 1101.

APPENDIX II

Sample Descriptions

YUKON 1988 SOIL & TALUS SAMPLES Property / Target No. ONLY PAGE 1 OF 2

SAMPLE #	LOCATION	Soil vs Talus	Depth (cm)	Horizon	DESCRIPTION					COMMENTS	ASSAYS			
					Colour	Particle Size	Organic	Slope	Rock Type		Au ppb	Ag ppm	As ppm	Cu ppm
P2S1	PIT #2	S	6	B	m B	sandy silt	w-m				<5	0.2	<5	13
P3S1	PIT # 3	S	5	B	m B	silty sand	w-m				<5	0.2	10	13
P3S2	"	S	18	B	m-l Gy	sand	O			ASH	<5	0.2	<5	3
P3S3	"	S	25	B	m B	gritty silt	v w				<5	2.0	25	23
P4S1	PIT #4	S	12	B	m-l Gy	sand	O			ASH	<5	0.4	<5	7
P4S2	"	S	25 -30	B	m B	silt	v w				5	0.2	<5	20
P5S1	PIT # 5	S	10	B	l B	sand	v w			ASH	<5	0.6	10	18
P5S2	"	S	25 -35	B	m B	clayey silt	v w				30	2.0	90	104
P6S1	PIT #6	S	6	B	l Gy	sand	O			ASH	<5	0.6	<5	5
P6S2	"	S	15- 45	B	m B	gritty silt	v w				25	0.8	70	80
P7S1	PIT #7	S	15	B	l Gy	sand	O			ASH	<5	0.8	<5	9
P7S2	"	S	20 -25	B	m orangish B	silt	v w				15	1.4	30	10
P8S1	PIT #8	S	8 -10	B	l Gy	sand	w-v w			ASH	15	0.8	<5	31
P8S2	"	S	20 -30	B	m orangish B	gritty silt	w				35	0.8	105	26
P10S1	PIT # 10	S	15	B	l Gy	sand	v w			ASH	<5	0.2	5	11
P10S2	"	S	18 -25	B	m B w rusty	silt	w -v w				<5	0.8	<5	30

YUKON 1988 SOIL & TALUS SAMPLES Property / Target No. ONLY PAGE 2 OF 2

SAMPLE #	LOCATION	Soil vs Talus	Depth (cm)	Horizon	DESCRIPTION					COMMENTS	ASSAYS			
					Colour	Particle Size	Organic	Slope	Rock Type		Au ppb	Ag ppm	As ppm	Cu ppm
P11S1	PIT #11	S	16	B	mB	silty sand	m				<5	0.2	10	14
P11S2	"	S	25	B	lGy	m sand	O			ASH	<5	0.2	<5	6
P11S3	"	S	35	B	mB	gritty silt	vw				<5	0.2	10	35
P15S1	PIT #15	S	15 -18	B	lGy	sand	O			ASH	<5	0.2	<5	7
P15S2	"	S	25 -30	B	m orangish B	gritty silt	vw				5	0.4	5	28
P16S1	PIT #16	S	15 -25	B	lGy	sand	O			ASH	<5	0.2	<5	4
P16S2	"	S	30 -40	B	m orangish B	gritty silt	vw				15	1.0	5	145
P17S1	PIT #17	S	15 -20	B	l Gy -brownish	sandy	vw			ASH	<5	0.2	<5	4
P17S2	"	S	26 -35	B	mB	silt	w-vw				<5	0.2	<5	19

YUKON 1988 ROCK SAMPLE DESCRIPTION Property / Target No. ONLY

SAMPLE #	LOCATION	DESCRIPTION	ASSAYS Au ppb	Ag ppm	As ppm	Cu ppm
335001	PIT #1	Rhyolite qtz feld porph; buff-weakly rusty surfaces, spotty pyrolusite; stronger rusty fract. ± pyrolusite; 5-15% anhedral-subhedral feld. phenocrysts 0.5-3mm ± weakly clay alt. (?) buff-white; 2-10% anhedral round qtz eyes 1-2mm clear to slight greyish; set in grey-buff crypto. siliceous matrix; v. rare weak, fine	40	1.0	215	115
		qtz stringer; otc strongly fract. in numerous directions dominantly 035°/vertical, 324°/vertical				
335002	PIT #2	Rhyolite qtz feld. porph; similar to 335001 but generally more strongly rusted surfaces & fract. limonite, weak hem, weak Mn, some fract. surfaces c weak scorodite (?), feld. phenos less distinct; qtz eyes 1-2%; py 1-3% severly rusted, nearly completely removed; diss, fine-v. fine, sub-euhedral;	35	1.6	105	32
		aspy (?) 1% spotty, masses, v. fine bright silvery-greyish; Scorodite diss. masses, spots in more strongly weathered (?) parts (near surface) of some pieces; bedrock strongly fract				
335003	PIT #3	bio. feld hb Qtz Monzonite porph; med-dark greyish rusty brown surfaces; v. fine grained, dominantly fresh; locally strongly silicified (?); hb fine, euhedral, fresh 5-8%, bio dk. brown fresh, 2%; feld. euhedral 20%; qtz anhedral aggregates +20%; py 1-2% v. fine, fresh, diss, anhedral-subhedral	35	1.2	60	55
		cp 1% - trace v. fine, anhedral, diss; bulk of rock siliceous mix of qtz, feld c ± crypto. matics; trace limonite, Mn & Scorodite = unit being strongly altered to (clay-sil) Rhyolite qtz feld. porph				
335004	PIT #4	Rhyolite qtz feld porph: buff-near white, weak rusty surfaces & fract dominantly limonitic, weak Mn; fine qtz eyes, 1mm, 1%, clear; feld creamy & near white euhedral 2-3%; as local subcrop, 2-10 cm angular; miner permafrost at 85 cm.	40	0.8	135	15
335005	PIT #5	Rhyolite qtz feld porph buff, surfaces weak-mod rusty, weak Mn; 1-2% clear qtz eye feld 1-3% distinct-indistinct; py 2% rusty, fine-v fine diss; local hb fine-med anhedral masses; cp locally 5% v. fine diss & aggregates; gritty clay in bottom of pit mixed c subcrop; permafrost at 90 cm	35	1.6	110	217

YUKON 1988 ROCK SAMPLE DESCRIPTION Property / Target No. ONLY

SAMPLE #	LOCATION	DESCRIPTION	ASSAYS Au ppb	Ag ppm	As ppm	Cu ppm
335006	PIT #6	Rhyolite ? strongly altered Qtz. Monzonite ?; med greenish-creamy grey, v. fine grained, surface weakly rusty, weak Mn; vague anhedral-subhedral feld phenos. 1-3 mm; bio 2-3% med grained books, strongly weathered to near pinkish ± rusty brown (bio = phlogopite ?); 5% dark mafic masses; as local subcrop 3-10 cm; Mc ? 1-2% v. fine diss.	30	2.4	60	31
335007	PIT #11	bio hb feld Qtz Monzonite; v. fine grained, strongly broken small angular cobbles; mod-strongly rusty orangish brown surfaces; bio 1% dk brown fresh, subhedral, hb 5% dk brown, sub-anhedral; feld. indistinct 20%, max 3.5 mm, subhedral; Py ? fine, diss, intensely rusted	40	1.0	35	69
335008	PIT #10	Rhyolite feld. porph ? (strongly sil. Qtz Monzonite ?): mod rusty surfaces, light-med grey, buff, spotty strong limonite; py 1-3% v. fine subhedral, diss ± strong rust; trace malachite; feld phenos. 5% anhedral-subhedral, weak-mod. alt, creamy-orangish	115	7.6	30	54
335009	PIT #9	bio feld Qtz Monzonite - Monzonite; small angular cobbles: weak-mod. rusty surfaces med. grey, fine grained, feld 10% creamy-orangish, sub-anhedral 0.5-3 mm. Py 3-5% fine, diss, ± strong rusty halos.; 1% bio-phlogopite; qtz 0-20% anhedral masses mixed ± feld; trace-1% malachite; weak-mod orange-brown rust on fract, limonite, Mn.	80	3.4	50	79
335010	PIT #8	Qtz Monzonite: small angular cobbles, subcrop; weak-mod rusty surfaces, limonite, Mn local weak scorodite (?), v. fine grained, strongly weathered, bio 1-2%; feld an-subhedral 10-20%; qtz eyes 5%; py 5% fine, diss, often ± limonitic halos.	20	0.6	20	23
335011	PIT #7	Qtz Monzonite: weak-mod rusty brown, small angular subcrop; v. fine grained: bio-phlog. 2% euhedral; feld. 20% creamy, sub-anhedral, 2mm, qtz 30% anhedral clear masses; py 1%-trace, diss ± limonite; hb 10-20% fresh, euhedral, trace malachite	15	1.0	5	18
335012	PIT #14	Rhyolite qtz feld porph (altered Qtz Monz porph?): strongly broken/fract bedrock; surfaces dk-m rusty brown, mod Mn; v. fine grained; matics 5-10% anhedral masses; qtz eyes 1-2mm round, clear; no obvious feld; Py 4% anhedral, diss, ± masses, cp trace-rare, anhedral, diss; locally strong-intensely sil ? pervasive; local spotty limonite halos around py	70	0.4	40	13
335013	PIT #15	Rhyolite - Qtz Monzonite: angular subcrop small cobbles ± pebbles; med rusty orange; v. fine; hb 5-8% fine, fresh, an-subhedral; 10-12% clear qtz eyes 1-2mm; some ± 5-10% feld phenos, 1-2 mm, sub-anhedral; Po 2-3% diss masses; Py trace, diss, anhedral cp rare-1%, locally.	5	0.2	40	25

YUKON 1988 ROCK SAMPLE DESCRIPTION Property / Target No. ONLY

SAMPLE #	LOCATION	DESCRIPTION	ASSAYS Au ppb	Ag ppm	As ppm	Cu ppm
335014	PIT #16	Rhyolite qtz porph: angular cobbles - gravelly subcrop; mod rusty; med grey fresh; qtz eyes clear 0.5-3 mm, an-subhedral, 10-15%, V. minor fine feld 1-2%; hb anhedral, dk green-black, fine - v. fine diss; Py 2% v fine diss, sub-anhedral; local fine fract & py concentrations	20	0.8	10	25
335015	PIT #17	Rhyolite: angular cobbles - gravelly subcrop; mod orangish rusty brown surfaces; med - dk grey slight purplish hue, massive; 1-5% anhedral feld. phenos.; Py anhedral fine masses 1-15%; local trace malachite on fract & within sulfide masses; trace cp?	45	0.8	135	26
335016	TR 88-1 0-1.0 m (from W to E)	Rhyolite feld. porph: light grey - buff, weak rusty surfaces & fract, v massive; v. fine diss py trace, rusty; feld phenos 5% fine, an-subhedral, white - creamy strongly alt?; ~1mm; Matrix crypto. massive; v. weak Mn, w limonite	<5	0.4	15	134
335017	1.0 - 2.0 m	SIMILAR TO 335016 - possible weak scorodite	25	0.4	25	163
335018	2.0 - 3.0 m	SIMILAR TO 335016	10	0.2	10	84
335019	3.0 - 4.0 m	SIMILAR TO 335016 - weak scorodite	10	0.4	10	17
335020	4.0 - 5.0 m	SIMILAR TO 335016 - some sections weakly granular, v. fine (slightly less si'l ?), feld strong clay alt.; v weak scorodite along fract	10	0.6	25	18
335021	5.0 - 6.0 m	Rhyolite feld. porph; v. fine sugary/granular; light grey - white; weathers mod - strong orange rust; weak Mn; 1-2% v fine qtz eyes; feld weak clay alt	20	2.4	15	20

YUKON 1988 ROCK SAMPLE DESCRIPTION Property / Target No. ONLY

SAMPLE #	LOCATION	DESCRIPTION	ASSAYS Au ppb	Ag ppm	As ppm	Cu ppm
335022	TR-88-1 6.0 - 7.0 m	Rhyolite feld porph: varies from v. massive like 335016 to v. fine sugary locally intense black Mn on some surfaces; rare v fine (1mm) qtz stringers clear, discontinuous, qtz eyes; vague fine flow? texture; Py v fine, diss trace -1%, strongly rusted; Surface weak rusty brown; rare sil lenses &/or discontinuous stringers 1-2 mm wide; scorodite weak - rare, spotty	25	5.2	25	196
335023	7.0 - 8.0 m	Rhyolite feld porph: v. fine granular, light grey-white; massive; feld. phenos. 2-3% strong-intense clay alt; surfaces weak-mod rusty limonite, v. weak Mn; v. weak scorodite; intensely finely fract. internally	10	0.2	<5	103
335024	8.0 - 9.0 m	SIMILAR TO 335024 - locally intensely ? silicified?; v weak scorodite; v fine diss py?	15	1.2	10	207
335025	9.0 - 10.0 m	Rhyolite qtz feld porph: light grey massive; feld fine, strong clay alt, an-subhedral 1-2 mm, 2-3%; rare indistinct fine-v fine clear qtz eyes; vague fine flow? texture; Py v fine diss, trace -1%, strongly rusty brown; local strong-intense Mn surfaces; rare sil lenses?/discontinuous stringers? 1-2 mm wide; scorodite weak - rare, spotty	50	3.2	210	298
335026	10.0 - 11.0 m	SIMILAR TO 335016 - surface mod Mn, v. weak limonite; feld 5% sub-anhedral, fresh; nil scorodite	45	5.2	1505	213
335027	11.0 - 12.0 m	Rhyolite feld porph: feld more indistinct; v. fine granular variety, locally strongly rusty	10	1.2	60	336
335028	12.0 - 13.0 m	SIMILAR TO 335016 - massive, weak rust	70	1.2	45	421
335029	13.0 - 14.0 m	Rhyolite feld porph: v. fine granular variety; feld strong-intensely clay alt.; feld strong-intensely clay alt.; spotty rusted, diss py; strong limonite on fract.	20	1.0	65	227

YUKON 1988 ROCK SAMPLE DESCRIPTION Property / Target No. ONLY

SAMPLE #	LOCATION	DESCRIPTION	ASSAYS			
			Au ppb	Ag ppm	As ppm	Cu ppm
335030	TR-88-1 14.0 - 15.0 m	SIMILAR TO 335029 - but with 5% clear anhedral qtz eyes; 5-8 % strongly rusted diss py	25	0.6	15	193
335031	15.0 - 16.0 m	Rhyolite qtz. feld. porph. — v fine Qtz Monzonite	55	1.0	15	34
335032	16.0 - 17.0 m	Rhyolite qtz. feld. porph: possibly strong local perv sil; v weak spotty scorodite; strong limonitic fract. & surface; 1-3% diss rusty py	35	1.0	35	28
335033	17.0 - 18.0 m	Rhyolite feld porph - v. fine Qtz Monzonite: 15% v. fine mafics (hb?); 5-8% v. fine py masses; trace cp; spotty minor limonite, vague fine qtz & feld; varies to distinct feld phenos in light grey matrix; v weak scorodite	20	0.2	25	212
335034	18.0 - 19.0 m	SIMILAR TO 335016 - but intensely leached, clay alt., soft; local strong rusty limonite fract; feld phenos indistinct	35	0.6	190	44
335035	19.0 - 20.0 m	SIMILAR TO 335034 - intensely incompetent	40	0.4	135	29
335036	20.0 - 21.0 m	Rhyolite feld. porph: weak to locally mod alt.; generally strongly rusty & Mn surfaces; v. fine granular; Py 2-4% strong rusty, diss	20	4.2	205	23
335037	21.0 - 22.0 m	Rhyolite feld porph: weakly alt; weak - v. weakly incompetent; strong rusty surfaces; less "chenty" than Rfp from W end of trench	20	3.2	155	30

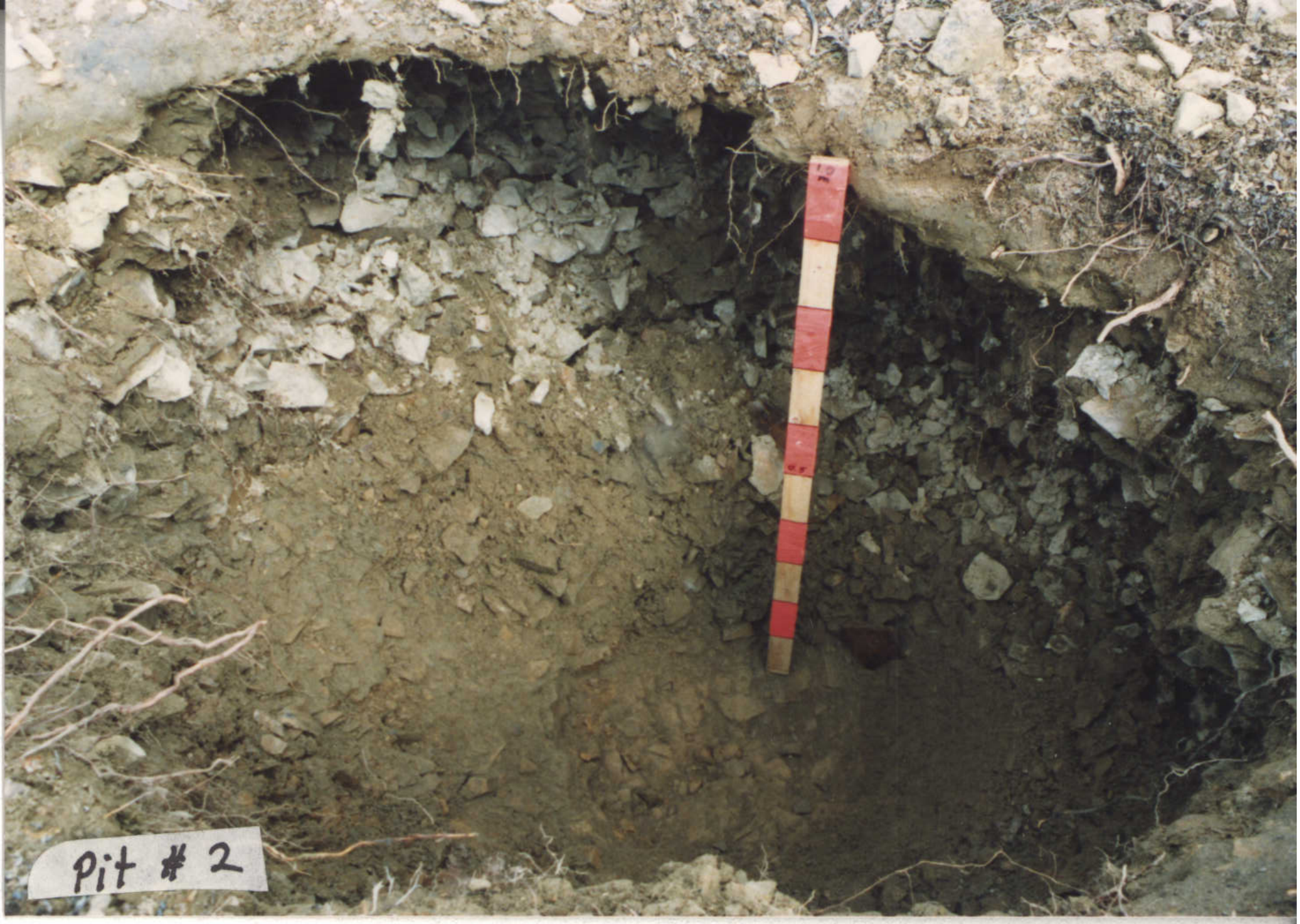
YUKON 1988 ROCK SAMPLE DESCRIPTION Property / Target No. ONLY

SAMPLE #	LOCATION	DESCRIPTION	ASSAYS			
			Au	Ag	As	Cu
335038	TR-88-1 22.0 - 23.0 m	Rhyolite feld. porph - Qtz Monzonite: v. fine grained; closer to intrusive than volcanic; fresh, med grey; weathers weak rusty brown; 5% bio med grained fresh euhedral; 15-20% clear & creamy feld sub-euhedral fine -med grained; 5-10% qtz, clear, rounded 1-2 mm, difficult to distinguish; Py 1-2% diss; strong rusty; strong orange-rusty brown limonite on fract.; Varies to dark green matrix ± 15% hb & 8% v. fine diss. py (± Po?)	20	1.0	50	240
335039	23.0 - 24.0 m	SIMILAR TO 335016 - feld 2-3%; qtz 5-8% v. fine; set in light grey - white crypto. matrix	65	0.8	50	164
335040	24.0 - 25.0 m	Rhyolite feld. porph: mod. alt (= 335038?); fine granular texture, med- light grey; 1-2% diss spotted scorodite (?); surfaces strong rusty brown; feld. phenos difficult to distinguish; alteration = leaching? no real clay alt. or sil. or sericite but rock is bleached & softer	20	2.2	65	171

APPENDIX III

Trench and Pit Photographs


Pit #1


Pit # 2


Pit #3


Pit #4


Pit #5


Pit #6


Pit # 7


Pit #8


Pit #9


Pit 10
Pit # 10

Pit # 11


Pit 13
Pit #13


RT13
Pit #13


Pit #14


Pit # 15


PIT 16
Pit # 16

Pit # 17


TRENCH 88-1 LOOKING EAST

TRENCH BB-1 LOOKING WEST

APPENDIX IV

Certificates of Analyses, Method Analyses

Comments: CC: TOR BRULAND

CERTIFICATE A8819692

KERR ADDISON MINES LTD.
PROJECT : Y11
P.O.# : 67919

Samples submitted to our lab in Vancouver, BC.
This report was printed on 7-AUG-88.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
208	5	Assay: Crush,split,ring
238	5	ICP: Aqua regia digestion

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
398	5	Au oz/T: 1/2 assay ton	FA-AAS	0.002	20.00
385	5	Ag oz/T: Aqua regia digestion	AAS	0.01	20.0
921	5	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
922	5	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
923	5	As ppm: 32 element, soil & rock	ICP-AES	5	10000
924	5	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
925	5	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
926	5	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
927	5	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
928	5	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
929	5	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
930	5	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
931	5	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
932	5	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
933	5	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
951	5	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
934	5	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
935	5	La ppm: 32 element, soil & rock	ICP-AES	10	10000
936	5	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
937	5	Mn ppm: 32 element, soil & rock	ICP-AES	1	10000
938	5	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
939	5	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
940	5	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
941	5	P ppm: 32 element, soil & rock	ICP-AES	10	10000
942	5	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
943	5	Sb ppm: 32 element, soil & rock	ICP-AES	5	10000
958	5	Sc ppm: 32 elements, soil & rock	ICP-AES	1	100000
944	5	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
945	5	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
946	5	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
947	5	U ppm: 32 element, soil & rock	ICP-AES	10	10000
948	5	V ppm: 32 element, soil & rock	ICP-AES	1	10000
949	5	W ppm: 32 element, soil & rock	ICP-AES	5	10000
950	5	Zn ppm: 32 element, soil & rock	ICP-AES	1	10000

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

: KERR ADDISON MINES LTD.
(ATTN: RAY DUJARDIN)
703 - 1112 W. PENDER ST.
VANCOUVER, B.C.
V6E 2S1
Project : Y11
Comments: CC: TOR BRULAND

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CERTIFICATE OF ANALYSIS A8819588

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
335001	205	238	40	0.51	1.0	215	70	0.5	< 2	0.10	6.5	1	32	115	0.91	< 10	< 1	0.19	20	0.07	214
335002	205	238	35	0.48	1.6	105	110	0.5	< 2	0.11	1.5	1	37	328	2.10	< 10	< 1	0.14	40	0.04	63
335003	205	238	35	1.36	1.2	60	410	< 0.5	< 2	0.20	4.0	7	36	555	3.10	< 10	< 1	0.39	30	0.60	161
335004	205	238	40	0.45	0.8	135	130	< 0.5	2	0.06	2.0	< 1	35	153	1.08	< 10	< 1	0.11	30	0.04	39
335005	205	238	35	1.12	1.6	110	230	0.5	2	0.12	3.0	3	61	217	1.32	< 10	< 1	0.26	20	0.14	285
335006	205	238	30	0.96	2.4	60	210	0.5	< 2	0.52	4.0	2	63	313	1.35	< 10	< 1	0.17	30	0.26	284
335007	205	238	40	1.52	1.0	35	300	< 0.5	< 2	0.38	< 0.5	3	76	691	2.49	< 10	< 1	0.41	30	0.67	152
335008	205	238	115	0.94	7.6	30	50	0.5	< 2	0.14	1.0	4	58	543	1.39	< 10	< 1	0.14	10	0.33	189
335009	205	238	80	1.74	3.4	50	140	0.5	2	0.50	2.0	2	70	794	1.81	< 10	< 1	0.29	20	0.81	350
335010	205	238	20	1.11	0.6	20	140	< 0.5	< 2	0.47	3.0	3	55	233	1.85	< 10	< 1	0.18	20	0.37	200
335011	205	238	15	1.72	1.0	5	280	< 0.5	< 2	0.43	1.5	5	61	182	2.53	10	< 1	0.31	20	0.73	270
335012	205	238	70	2.67	0.4	40	60	0.5	< 2	0.82	2.0	6	35	135	2.01	< 10	< 1	0.09	10	0.62	188
335013	205	238	5	1.55	0.2	40	160	< 0.5	< 2	0.40	1.0	2	63	253	1.94	< 10	< 1	0.21	20	0.59	147
335014	205	238	20	1.41	0.8	10	150	< 0.5	< 2	0.36	0.5	3	45	257	1.73	< 10	1	0.17	20	0.52	147
335015	205	238	45	2.14	0.8	135	170	< 0.5	< 2	0.46	1.0	4	57	263	1.93	< 10	< 1	0.50	20	0.94	188
335016	205	238	< 5	0.49	0.4	15	140	< 0.5	< 2	0.08	0.5	1	50	134	1.26	< 10	< 1	0.12	40	0.07	39
335017	205	238	25	0.69	0.4	25	240	< 0.5	< 2	0.08	< 0.5	< 1	63	163	1.63	< 10	< 1	0.16	20	0.07	39
335018	205	238	10	0.43	0.2	10	180	< 0.5	< 2	0.05	< 0.5	< 1	49	84	0.95	< 10	< 1	0.15	30	0.04	19
335019	205	238	10	0.82	0.4	10	220	0.5	< 2	0.06	0.5	1	60	172	1.22	< 10	< 1	0.23	40	0.05	43
335020	205	238	10	0.54	0.6	25	180	0.5	< 2	0.06	0.5	1	37	182	1.88	< 10	< 1	0.17	50	0.03	42
335021	205	238	20	0.73	2.4	15	200	0.5	< 2	0.06	< 0.5	1	56	207	1.74	< 10	< 1	0.25	40	0.04	46
335022	205	238	25	0.50	5.2	25	130	0.5	2	0.03	< 0.5	2	45	196	1.53	< 10	< 1	0.19	30	0.04	81
335023	205	238	10	0.65	0.2	< 5	210	0.5	< 2	0.05	< 0.5	< 1	70	103	1.13	< 10	< 1	0.24	30	0.03	28
335024	205	238	15	0.48	1.2	10	250	0.5	< 2	0.04	0.5	1	47	207	1.72	< 10	< 1	0.19	40	0.03	53
335025	205	238	50	0.88	3.2	210	260	0.5	< 2	0.11	5.5	8	70	296	1.13	< 10	< 1	0.48	30	0.07	888
335026	205	238	45	0.41	5.2	1505	170	0.5	< 2	0.17	13.0	3	23	213	0.74	< 10	< 1	0.24	20	0.04	521
335027	205	238	10	0.40	1.2	60	280	0.5	< 2	0.08	6.0	3	41	336	1.97	< 10	< 1	0.14	30	0.03	247
335028	205	238	70	0.60	1.2	45	140	0.5	< 2	0.11	3.5	1	53	421	3.02	< 10	< 1	0.13	40	0.11	163
335029	205	238	20	0.48	1.0	65	110	0.5	< 2	0.09	1.5	1	31	227	2.03	< 10	< 1	0.12	40	0.07	100
335030	205	238	25	0.98	0.6	15	150	< 0.5	< 2	0.13	1.5	1	75	193	1.94	< 10	< 1	0.17	20	0.18	212
335031	205	238	55	0.75	1.0	15	130	< 0.5	< 2	0.12	4.5	1	42	342	1.79	< 10	< 1	0.16	30	0.21	79
335032	205	238	35	0.94	1.0	35	190	0.5	< 2	0.17	2.0	3	63	287	2.17	< 10	< 1	0.13	30	0.18	200
335033	205	238	20	0.65	0.2	25	230	< 0.5	< 2	0.14	6.5	2	45	212	2.01	< 10	< 1	0.15	10	0.20	126
335034	205	238	35	1.30	0.6	190	360	1.0	< 2	0.31	5.5	6	55	443	2.48	10	< 1	0.23	50	0.21	381
335035	205	238	40	1.11	0.4	135	360	1.0	< 2	0.13	5.0	1	47	298	2.47	< 10	< 1	0.13	30	0.11	118
335036	205	238	20	1.04	4.2	205	200	0.5	< 2	0.10	3.0	3	64	233	1.75	< 10	< 1	0.26	30	0.07	427
335037	205	238	20	0.77	3.2	155	280	0.5	< 2	0.10	2.5	4	41	304	2.28	< 10	< 1	0.17	20	0.06	242
335038	205	238	20	1.68	1.0	50	630	0.5	< 2	0.41	3.0	8	69	240	2.90	10	< 1	0.43	30	0.64	248
335039	205	238	65	1.00	0.8	50	450	0.5	2	0.17	1.0	1	38	164	2.02	< 10	< 1	0.19	20	0.22	103
335040	205	238	20	0.89	2.2	65	170	0.5	2	0.07	0.5	1	74	171	1.98	< 10	< 1	0.31	30	0.07	203

TRENCH TR 88 - 1

CERTIFICATION : BC

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

T KERR ADDISON MINES LTD.
(ATTN: RAY DUJARDIN)
703 - 1112 W. PENDER ST.
VANCOUVER, B.C.
V6E 2S1

Project : KYH
Comments: CC: TOR BRULAND

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SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
P2S1	201	238	< 5	1.01	0.2	< 5	60	< 0.5	< 2	0.20	< 0.5	3	13	13	1.37	< 10	< 1	0.03	10	0.26	124
P3S1	201	238	< 5	0.71	0.2	10	50	< 0.5	< 2	0.10	< 0.5	2	10	13	1.63	< 10	< 1	0.02	< 10	0.15	129
P3S2	201	238	< 5	0.20	0.2	< 5	20	< 0.5	< 2	0.04	< 0.5	1	2	3	0.83	< 10	< 1	0.03	< 10	0.03	39
P3S3	201	238	< 5	1.72	2.0	25	80	< 0.5	< 2	0.15	< 0.5	7	23	23	2.03	< 10	< 1	0.04	10	0.35	136
P4S1	201	238	< 5	0.31	0.4	< 5	30	< 0.5	< 2	0.05	0.5	3	4	7	1.50	< 10	< 1	0.03	< 10	0.05	108
P4S2	201	238	5	1.46	0.2	< 5	70	< 0.5	< 2	0.24	0.5	6	22	20	2.11	< 10	< 1	0.06	10	0.37	360
P5S1	201	238	< 5	0.47	0.6	10	30	< 0.5	< 2	0.07	< 0.5	4	7	18	1.67	< 10	< 1	0.03	< 10	0.09	144
P5S2	201	238	30	1.78	2.0	90	160	0.5	< 2	0.26	1.0	5	24	104	2.89	< 10	< 1	0.07	20	0.36	327
P6S1	201	238	< 5	0.25	0.6	< 5	20	< 0.5	< 2	0.04	< 0.5	2	4	5	1.28	< 10	< 1	0.02	< 10	0.05	63
P6S2	201	238	25	1.41	0.8	70	100	0.5	< 2	0.23	0.5	5	22	80	2.26	< 10	< 1	0.06	20	0.34	231
P7S1	201	238	< 5	0.16	0.8	< 5	10	< 0.5	< 2	0.05	< 0.5	4	3	9	2.14	< 10	< 1	0.02	< 10	0.06	93
P7S2	201	238	15	1.70	1.4	30	60	< 0.5	< 2	0.16	< 0.5	4	21	109	2.63	< 10	< 1	0.05	10	0.29	189
P8S1	201	238	15	0.38	0.8	< 5	20	< 0.5	< 2	0.05	1.5	1	3	30	1.24	< 10	< 1	0.02	< 10	0.05	69
P8S2	201	238	35	1.12	0.8	105	70	< 0.5	< 2	0.22	1.0	9	13	263	2.54	< 10	< 1	0.05	10	0.25	344
P10S1	201	238	< 5	0.34	0.2	5	20	< 0.5	< 2	0.12	< 0.5	2	1	11	1.12	< 10	< 1	0.02	< 10	0.04	78
P10S2	201	238	< 5	1.76	0.8	< 5	100	0.5	< 2	0.19	< 0.5	7	26	30	2.28	< 10	< 1	0.05	10	0.36	294
P11S1	201	238	< 5	0.81	0.2	10	40	< 0.5	< 2	0.10	< 0.5	2	12	14	1.67	< 10	< 1	0.03	< 10	0.17	97
P11S2	201	238	< 5	0.33	0.2	< 5	20	< 0.5	< 2	0.04	< 0.5	3	1	6	1.41	< 10	< 1	0.03	< 10	0.04	59
P11S3	201	238	< 5	1.50	0.2	10	90	< 0.5	< 2	0.19	< 0.5	4	22	35	2.63	< 10	< 1	0.04	10	0.32	146
P15S1	201	238	< 5	0.41	0.2	< 5	30	< 0.5	< 2	0.08	< 0.5	3	7	7	1.35	< 10	< 1	0.03	< 10	0.06	74
P15S2	201	238	5	1.82	0.4	5	100	< 0.5	< 2	0.26	< 0.5	6	25	28	2.36	< 10	< 1	0.06	10	0.39	144
P16S1	201	238	< 5	0.25	0.2	< 5	10	< 0.5	2	0.12	< 0.5	3	1	4	1.47	< 10	< 1	0.03	< 10	0.07	78
P16S2	201	238	45	2.12	1.0	5	110	0.5	< 2	0.26	0.5	8	21	145	2.55	< 10	< 1	0.08	20	0.40	191
P17S1	201	238	< 5	0.27	0.2	< 5	20	< 0.5	< 2	0.05	< 0.5	2	1	4	1.02	< 10	< 1	0.03	< 10	0.05	55
P17S2	201	238	< 5	1.27	0.2	< 5	80	< 0.5	< 2	0.22	< 0.5	6	19	19	1.94	< 10	< 1	0.07	10	0.35	182

CERTIFICATION :

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To RR ADDISON MINES LTD.
(ATTN: RAY DUJARDIN)
703 - 1112 W. PENDER ST.
VANCOUVER, B.C.
V6E 2S1
Project : Yil
Comments: CC: TOR BRULAND

Date : 2-AUG-88
Invoice # : I-8819590
P.O. # : 67918

CERTIFICATE OF ANALYSIS A8819590

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
P2S1	201	238	< 1	0.01	8	500	2	< 5	2	10	0.05	< 10	< 10	29	< 5	26
P3S1	201	238	1	0.02	7	210	12	< 5	1	7	0.06	< 10	< 10	42	< 5	43
P3S2	201	238	< 1	0.05	2	190	10	< 5	< 1	6	0.04	< 10	< 10	28	< 5	12
P3S3	201	238	< 1	0.01	11	270	18	< 5	2	11	0.08	< 10	< 10	45	< 5	70
P4S1	201	238	< 1	0.04	1	180	10	< 5	< 1	7	0.08	< 10	< 10	54	< 5	25
P4S2	201	238	1	0.01	11	870	18	< 5	2	14	0.09	< 10	< 10	46	< 5	69
P5S1	201	238	< 1	0.05	3	260	8	< 5	< 1	6	0.09	< 10	< 10	56	< 5	49
P5S2	201	238	1	0.01	11	430	38	< 5	3	20	0.08	< 10	< 10	65	< 5	231
P6S1	201	238	< 1	0.06	3	120	< 2	< 5	< 1	5	0.07	< 10	< 10	46	< 5	26
P6S2	201	238	2	0.01	10	440	70	< 5	2	15	0.07	< 10	< 10	47	< 5	145
P7S1	201	238	< 1	0.05	< 1	110	6	< 5	< 1	6	0.13	< 10	< 10	84	< 5	32
P7S2	201	238	3	0.01	11	450	16	< 5	2	13	0.08	< 10	< 10	54	< 5	77
P8S1	201	238	< 1	0.03	3	90	< 2	< 5	< 1	8	0.06	< 10	< 10	42	< 5	21
P8S2	201	238	3	0.01	5	580	42	< 5	1	23	0.04	< 10	< 10	42	< 5	157
P10S1	201	238	1	0.05	2	570	10	< 5	< 1	10	0.06	< 10	< 10	40	< 5	18
P10S2	201	238	< 1	0.01	14	480	12	< 5	3	13	0.09	< 10	< 10	52	< 5	68
P11S1	201	238	1	0.02	7	510	< 2	< 5	1	9	0.07	< 10	< 10	44	< 5	36
P11S2	201	238	< 1	0.06	1	190	6	< 5	< 1	6	0.08	< 10	< 10	51	< 5	18
P11S3	201	238	1	0.01	13	380	12	< 5	2	15	0.10	< 10	< 10	61	< 5	39
P15S1	201	238	< 1	0.07	< 1	420	2	< 5	< 1	8	0.08	< 10	< 10	48	< 5	21
P15S2	201	238	1	0.01	12	540	< 2	< 5	3	19	0.10	< 10	< 10	51	< 5	48
P16S1	201	238	< 1	0.06	1	550	< 2	< 5	< 1	8	0.09	< 10	< 10	54	< 5	20
P16S2	201	238	1	0.02	13	550	4	< 5	3	18	0.08	< 10	< 10	53	< 5	54
P17S1	201	238	< 1	0.06	1	390	8	< 5	< 1	6	0.06	< 10	< 10	35	< 5	14
P17S2	201	238	1	0.01	14	440	12	< 5	2	14	0.08	< 10	< 10	41	< 5	39

CERTIFICATION :

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To ERR ADDISON MINES LTD.
ATTN: RAY DUJARDIN)
703 - 1112 W. PENDER ST.
VANCOUVER, B.C.
V6E 2S1
Project : Y11
Comments: CC: TOR BRULAND

Date : 2-AUG-88
Invoice # : I-8819588
P.O. # : 67919

CERTIFICATE OF ANALYSIS A8819588

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
335001	205	238	2	0.01	4	130	90	< 5	< 1	17	< 0.01	< 10	< 10	4	< 5	274
335002	205	238	9	0.05	2	340	66	< 5	1	24	< 0.01	< 10	< 10	3	< 5	182
335003	205	238	14	0.07	2	1220	34	< 5	3	57	0.08	< 10	< 10	29	< 5	179
335004	205	238	12	0.04	1	160	20	< 5	< 1	14	< 0.01	< 10	< 10	2	< 5	88
335005	205	238	3	0.04	1	290	48	< 5	1	19	< 0.01	< 10	< 10	12	< 5	234
335006	205	238	28	0.06	< 1	770	108	< 5	1	30	< 0.01	< 10	< 10	4	< 5	472
335007	205	238	13	0.09	3	1180	18	< 5	4	36	0.14	< 10	< 10	39	< 5	49
335008	205	238	2	0.06	1	220	54	< 5	1	16	< 0.01	< 10	< 10	7	< 5	115
335009	205	238	2	0.08	2	1460	40	< 5	2	85	< 0.01	< 10	< 10	14	< 5	303
335010	205	238	3	0.06	< 1	500	16	< 5	1	35	< 0.01	< 10	< 10	8	< 5	171
335011	205	238	3	0.10	4	1270	32	< 5	3	40	0.07	< 10	< 10	30	< 5	125
335012	205	238	4	0.22	4	430	46	< 5	3	139	0.07	< 10	< 10	22	< 5	73
335013	205	238	1	0.14	< 1	430	26	< 5	2	39	0.05	< 10	< 10	21	< 5	70
335014	205	238	3	0.10	1	520	26	< 5	2	39	0.01	< 10	< 10	19	< 5	64
335015	205	238	2	0.16	3	590	28	< 5	7	51	0.08	< 10	< 10	60	< 5	122
335016	205	238	10	0.09	1	180	22	< 5	< 1	35	< 0.01	< 10	< 10	< 1	< 5	54
335017	205	238	14	0.13	1	140	22	< 5	< 1	41	< 0.01	< 10	< 10	1	< 5	43
335018	205	238	4	0.08	< 1	150	8	< 5	< 1	29	< 0.01	< 10	< 10	< 1	< 5	25
335019	205	238	7	0.11	1	190	24	< 5	< 1	36	< 0.01	< 10	< 10	< 1	< 5	96
335020	205	238	10	0.06	2	210	28	< 5	< 1	31	< 0.01	< 10	< 10	< 1	< 5	113
335021	205	238	15	0.08	3	150	50	< 5	< 1	24	< 0.01	< 10	< 10	< 1	< 5	112
335022	205	238	7	0.05	< 1	180	72	< 5	< 1	19	< 0.01	< 10	< 10	< 1	< 5	83
335023	205	238	8	0.11	1	130	26	< 5	< 1	28	< 0.01	< 10	< 10	< 1	< 5	39
335024	205	238	24	0.07	< 1	150	40	< 5	< 1	35	< 0.01	< 10	< 10	< 1	< 5	87
335025	205	238	12	0.02	2	170	220	< 5	< 1	14	< 0.01	< 10	< 10	< 1	< 5	256
335026	205	238	5	0.01	1	140	380	< 5	< 1	15	< 0.01	< 10	< 10	< 1	< 5	312
335027	205	238	7	0.03	3	240	54	< 5	< 1	19	< 0.01	< 10	< 10	1	< 5	286
335028	205	238	7	0.09	4	300	32	< 5	1	32	< 0.01	< 10	< 10	6	< 5	205
335029	205	238	6	0.06	3	270	38	< 5	1	31	< 0.01	< 10	< 10	5	< 5	139
335030	205	238	3	0.10	3	300	24	< 5	1	30	< 0.01	< 10	< 10	13	< 5	100
335031	205	238	7	0.08	< 1	330	18	< 5	2	33	0.01	< 10	< 10	16	< 5	69
335032	205	238	7	0.09	1	390	26	< 5	2	37	< 0.01	< 10	< 10	12	< 5	185
335033	205	238	4	0.06	< 1	350	16	< 5	2	30	< 0.01	< 10	< 10	13	< 5	158
335034	205	238	12	0.01	< 1	1040	40	< 5	2	48	< 0.01	< 10	< 10	10	< 5	365
335035	205	238	7	0.03	2	360	40	< 5	2	40	< 0.01	< 10	< 10	7	< 5	210
335036	205	238	6	0.03	< 1	240	194	< 5	1	26	< 0.01	< 10	< 10	4	< 5	221
335037	205	238	11	0.04	3	290	158	< 5	1	24	< 0.01	< 10	< 10	4	< 5	264
335038	205	238	3	0.09	3	1320	48	< 5	4	58	0.09	< 10	< 10	36	< 5	185
335039	205	238	4	0.04	< 1	600	36	< 5	1	37	0.01	< 10	< 10	14	< 5	109
335040	205	238	13	0.05	2	220	140	< 5	< 1	25	< 0.01	< 10	< 10	3	< 5	198

CERTIFICATION :

APPENDIX V

STATEMENT OF EXPENDITURES

Salaries	T. Bruland (Geologist)	3 days @ $200.00/day	$ 600.00	
	L. Grexton (Geologist)	6 days @ 151.20/day	907.20	
	J. Fitzgerald (Field Assistant)	9 days @ 78.40/day	705.60	
	S. Connor (Field Assistant)	6 days @ 56.00/day	448.00	
			$2,660.80	$ 2,660.80
Meals & Accommodation	4 persons/1 day @ $160/day		$ 160.00	
Field Equipment & Supplies			964.98	
Groceries			260.00	
			$1,384.98	$ 1,384.98
Ground Transportation	Kerr Addison Toyoto 4X4 - 1 week		$ 125.00	
	Norcan Leasing GMC 4X4 - 1 week		387.95	
	Fuel		191.95	
Air Transportation	Trans North Air Bell 206 - 4.7 hours		2,739.50	
			$3,444.40	$ 3,444.40
Blasting	J. Moreau Enterprise Ltd. - 3 days		$1,720.98	$ 1,720.98
Assays	Rock Samples 40 @ $15.98/sample		$ 639.20	
	Soil Samples 25 @ $13.73/sample		343.25	
	Shipping Costs		132.96	
			$1,115.41	$ 1,115.41
Report	5 man days @ $160/day		$ 800.00	$ 800.00
			TOTAL:	$11,126.57

APPENDIX VI

STATEMENT OF QUALIFICATIONS

I, Lynn Grexton, graduated from the University of Waterloo, Waterloo, Ontario in May, 1980 with an Honours Bachelor of Science degree, Earth Science major. I have worked as a geologist in the Canadian Cordillera over the past eight years.

L. Grexton
Geologist


4500'
L 50 N
4000'
L 45 N
L 44+26 N
Trench TR88-1
Pit 1
Pit 6
L 43+00 N
Pit 7
Pit 13
L 41+75 N
Pit 17
Pit 14
L 40 N
BASE LINE 20 N (350°)
4000'
4000'
5000'
4500'
4000'
LEGEND
Trench
Claim post
Claim boundary
Creek
Cat road
Camp site
Swamp, bog
092584
FIG. 3
0 50 100 200 300 400
METERS
KERR ADDISON MINES LTD
ONLY CLAIMS
1988
PITS & TRENCH
SCALE - 1:5000
DRAWN BY - P.H.
NTS - 115 I/3
DATE - OCTOBER, 1986
DATA - J.P., L.G.
REVISED - SEPT., 14, 1988
75

LEGEND

1. **RHYOLITE-QUARTZ MONZONITE**
2. **RHYOLITE-RHYODACITE** (Pyroclastics)
3. **ANDESITE-DACITE** (Porphyry)
4. **RHYODACITE-ANDESITE** (Porphyry Tuffs)
5. **GRANODIORITE**

Trench
Claim post
Property boundary
Creek
Cat road
Swamp, bog

092584

FIG. 4

0 50 100 200 400
METERS

KERR ADDISON MINES LTD

ONLY CLAIMS

GENERAL GEOLOGY

SCALE -	DATE - OCTOBER, 1986
DRAWN BY - P.H.	DATA - J.P., L.G.
NTS - 115 I/3	REVISED - OCT, 1988

72

425 Au, 150 As

200 As

50 Au

90 Au

150 Au

390 Au, 14.8 Sb

14.8 Ag

80 Au

385 Au

260 Au

220 As

290 As

760 As

800 Au

95 Au, 300 As

1100 Au

130 As

450 Au

90 Au

90 Au

1650 Au

75 Au

85 Au

1200 As

50 Au

80 Au

350 As

RHYOLITE,
QUARTZ MONZONITE

Coincident As, Ag soil anomalies

450 Au, 370 As

4500'

5000'

4000'

L 50 N

L 45 N

L 40 N

BASE LINE BOM (350°)

LEGEND

- Soil sample
- Rock sample (float, outcrop)
- Composite samples
- VLF Fraser Filter Anomaly

Values shown as Au (ppb), Ag, As & Sb (ppm)

- Trench
- Claim post
- Property boundary
- Creek
- Cat road
- Swamp, bog

092584

FIG. 5

0 50 100 200 400
METERS

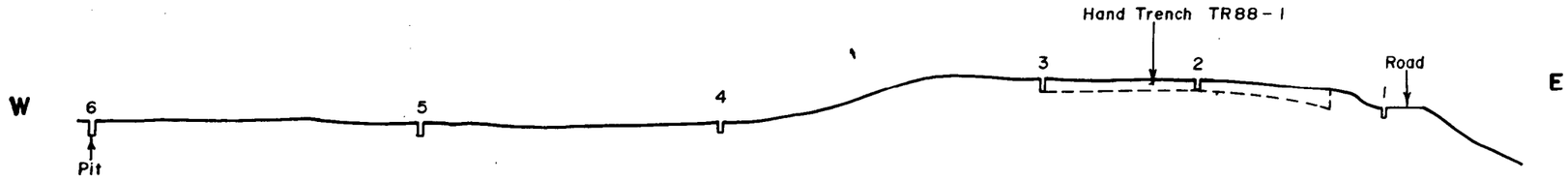
KERR ADDISON MINES LTD

ONLY CLAIMS

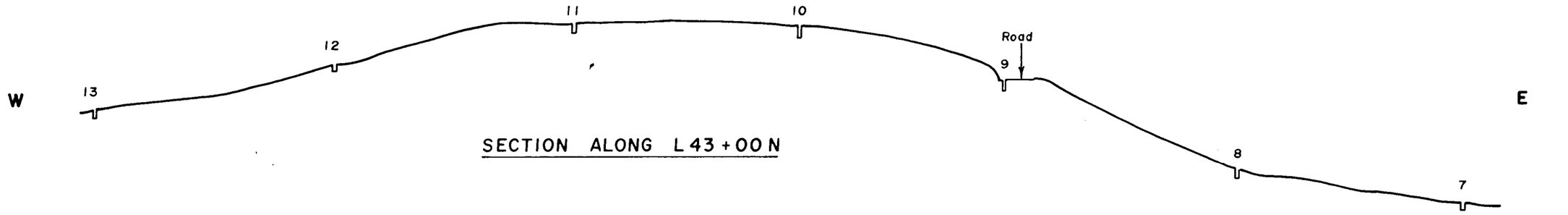
HIGHLIGHTS
OF PREVIOUS WORK

SCALE -	DATE - OCTOBER, 1986
DRAWN BY - P.H.	DATA - J.P., L.G.
NTS - 115 I/3	REVISED - OCT, 1988

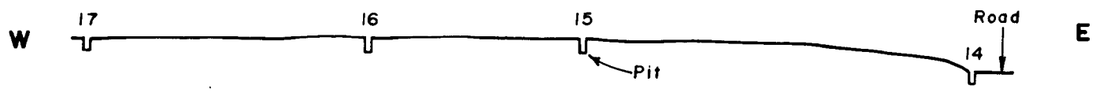
73



SECTION ALONG L 44 + 26 N



SECTION ALONG L 43 + 00 N



SECTION ALONG L 41 + 75 N

Looking North

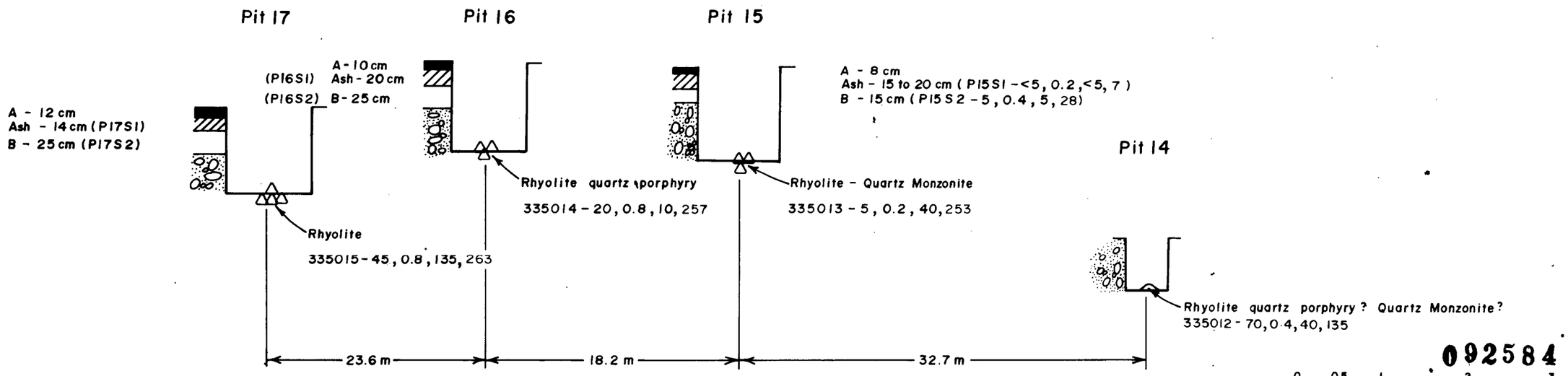
METERS

FIG. 6a

KERR ADDISON MINES LTD	
ONLY CLAIMS	
SKETCH OF X-SECTIONS THROUGH PITS & TRENCHES	
SCALE - 1 : 500	DATE : SEPT., 13, 1988
DRAWN BY : P.H.	DATA : L.G.
NTS : 115 I/3	REVISED :

Sample Number – Au(ppb) , Ag(ppm) , As(ppm), Cu(ppm)

P16S1 –<5 , 0.2 ,<5, 4
P16S2 – 15 , 1.0 , 5, 145
P17S1 –<5 , 0.2 ,<5, 4
P17S2 – 5 , 0.4 , 5, 19



092584

0 0.5 1 2 3

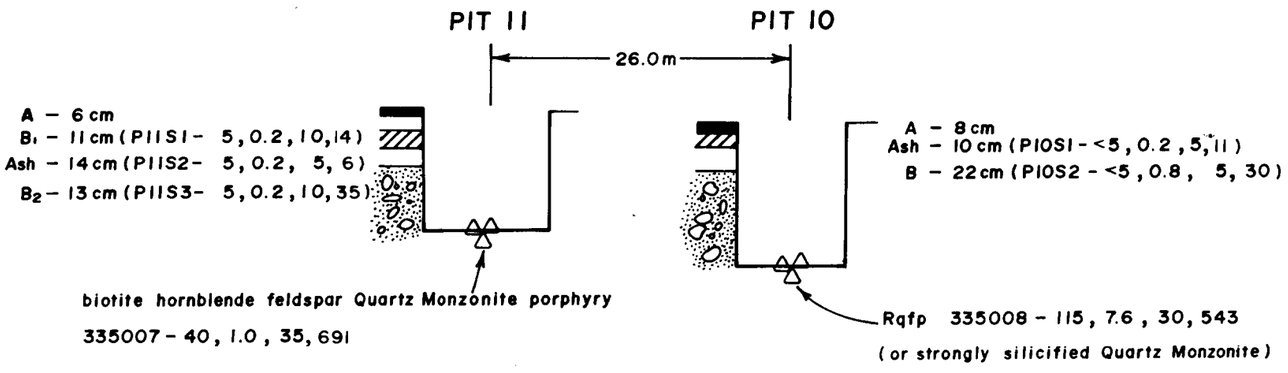
METERS

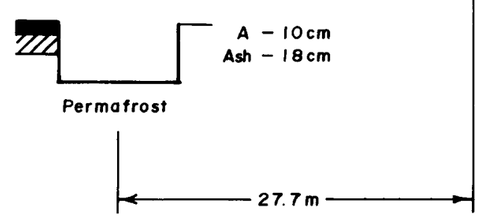
NOTE – Distances between pits not to scale
Elevations between pits to scale.

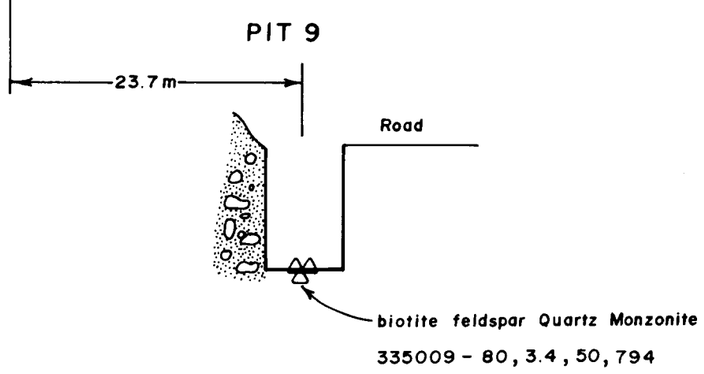
Looking North

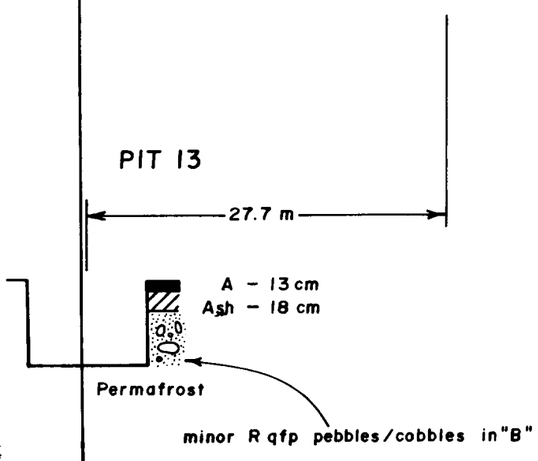
FIG. 6b

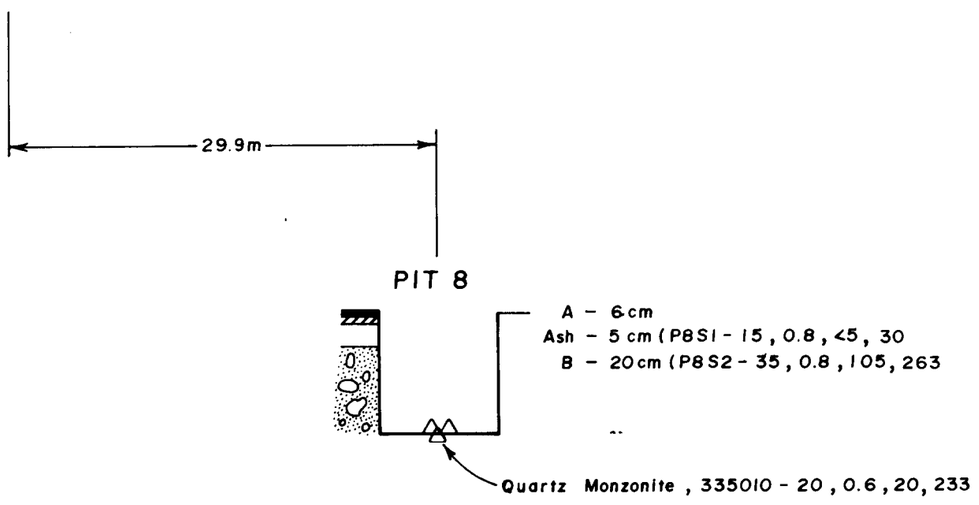
KERR ADDISON MINES LTD	
ONLY CLAIMS	
SKETCH OF SOIL PITS L 41 + 75 N	
SCALE - 1 : 50	DATE : SEPT., 13, 1988
DRAWN BY : P.H.	DATA : L.G.
NTS : 115 I / 3	REVISED :

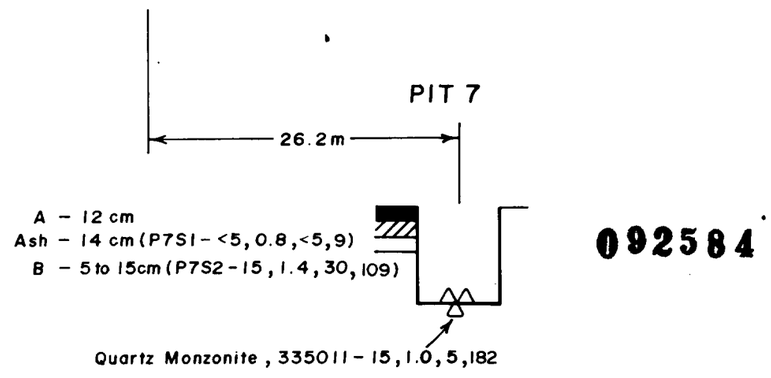












092584

NOTE – Distance between pits not to scale.
Elevations " " to scale.

R qfp Rhyolite quartz feldspar porphyry

Sample number – Au (ppb), Ag (ppm), As (ppm), Cu (ppm)

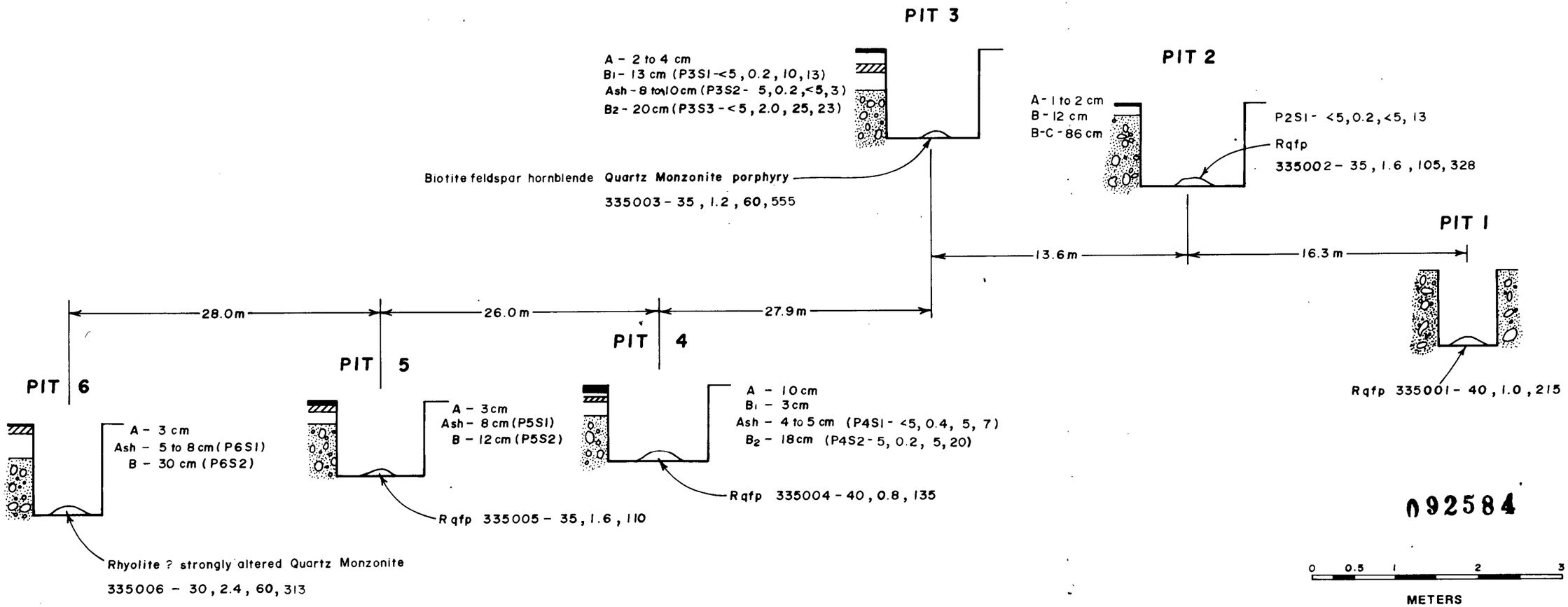
FIG. 6c

(76)

KERR ADDISON MINES LTD	
ONLY CLAIMS	
SKETCH OF SOIL PITS L 43 N	
SCALE – 1 : 50	DATE : SEPT., 14, 1988
DRAWN BY : P.H.	DATA : L.G.
NTS : 115 I/3	REVISED :

Sample number — Au (ppb), Ag (ppm), As (ppm), Cu (ppm)

R qfp Rhyolite quartz feldspar porphyry



P5S1 - <5, 0.6, 10, 18

P5S2 - 30, 2.0, 90, 104

P6S1 - <5, 0.6, <5, 5

P6S2 - 25, 0.8, 70, 80

NOTE - Distances between pits not to scale.
Elevations " " to scale.

Looking North

092584

0 0.5 1 2 3

METERS

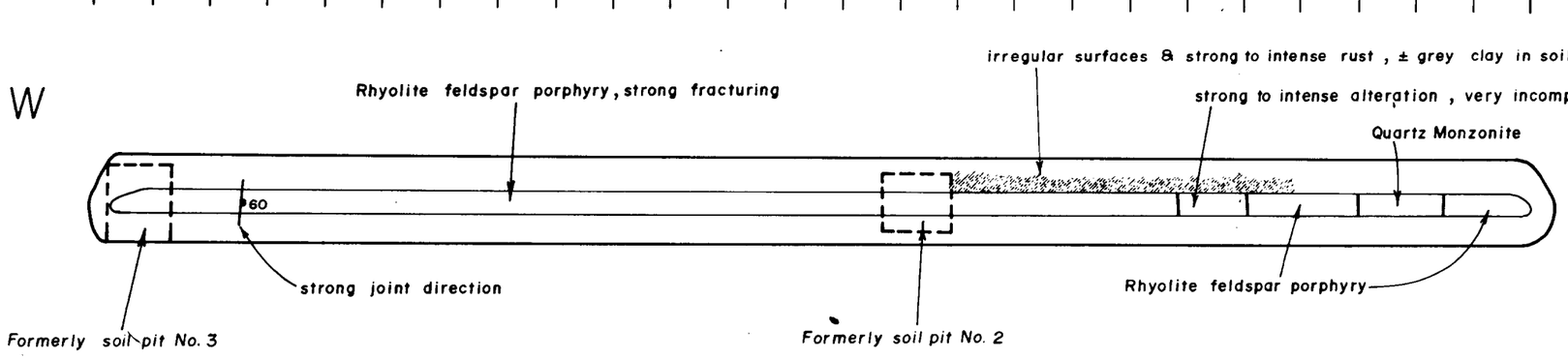
FIG. 6d

KERR ADDISON MINES LTD	
ONLY CLAIMS	
SKETCH OF SOIL PITS L 44+26 N	
SCALE - 1:50	DATE : SEPT., 13, 1988
DRAWN BY : P.H.	DATA : L.G.
NTS : 115 I/3	REVISED :

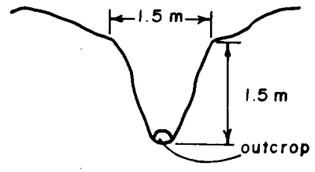
25.0 m

335016 - <5 , 0.4 , 15, 134	335017 - 25 , 0.4 , 25, 163	335018 - 10 , 0.2 , 10, 84	335019 - 10 , 0.4 , 10, 172	335020 - 10 , 0.6 , 25, 182	335021 - 20 , 2.4 , 15, 207	335022 - 25 , 5.2 , 25, 196	335023 - 10 , 0.2 , <5, 103	335024 - 15 , 1.2 , 10, 207	335025 - 50 , 3.2 , 210, 296	335026 - 45 , 5.2 , 1505, 213	335027 - 10 , 1.2 , 60, 336	335028 - 70 , 1.2 , 45, 421	335029 - 20 , 1.0 , 65, 227	335030 - 25 , 0.6 , 15, 193	335031 - 55 , 1.0 , 15, 342	335032 - 35 , 1.0 , 35, 287	335033 - 20 , 0.2 , 25, 212	335034 - 35 , 0.6 , 190, 443	335035 - 40 , 0.4 , 135, 298	335036 - 20 , 4.2 , 205, 233	335037 - 20 , 3.2 , 155, 304	335038 - 20 , 1.0 , 50, 240	335039 - 65 , 0.8 , 50, 164	335040 - 20 , 2.2 , 65, 171

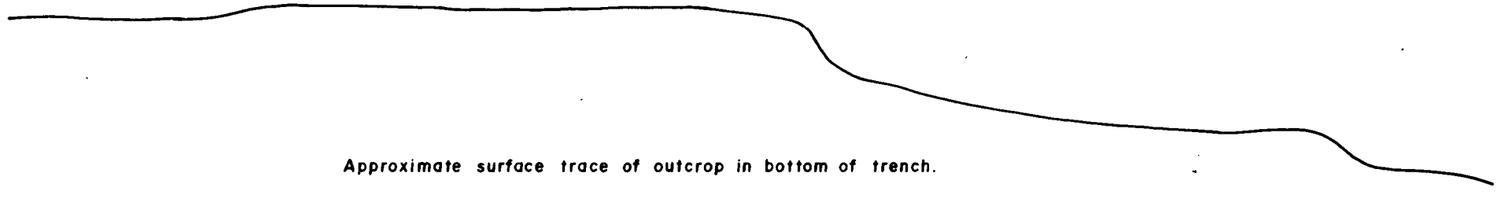
Sample number – Au (ppb) , Ag (ppm) , As (ppm), Cu (ppm)



PLAN



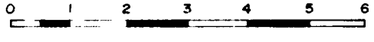
CROSS SECTION



Approximate surface trace of outcrop in bottom of trench.

LONGITUDINAL SECTION

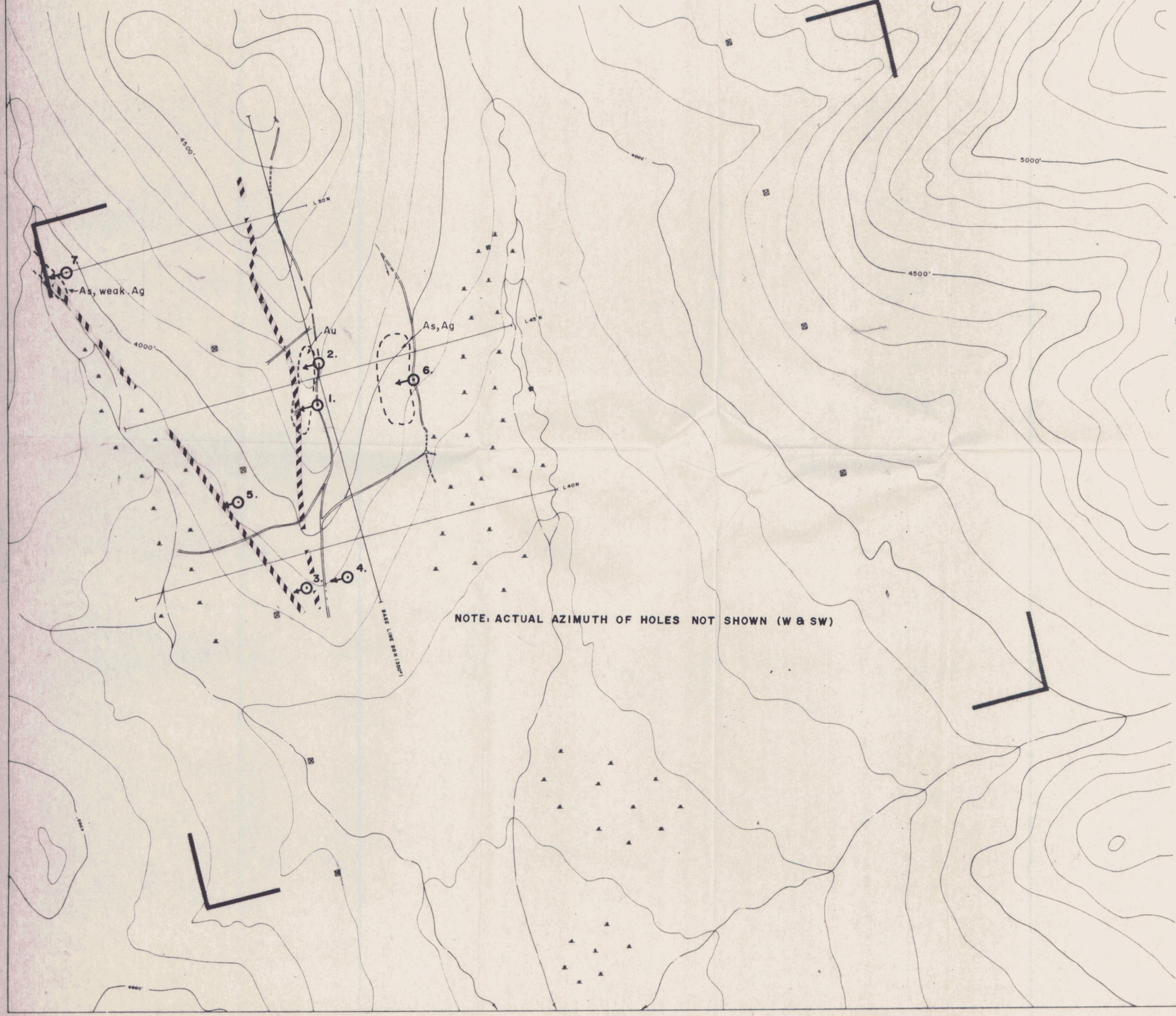
Looking North



METERS

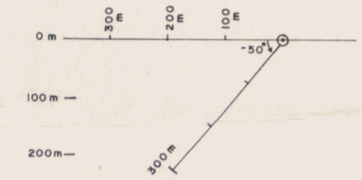
FIG. 6e

KERR ADDISON MINES LTD	
ONLY CLAIMS	
TRENCH TR88-1	
SCALE - 1 : 100	DATE : SEPT, 13, 1988
DRAWN BY : P.H.	DATA : L.G.
NTS : 115 I/3	REVISED :



PROPOSED HOLES

1.	High Au in rock/soil, VLF	-50° 250m
2.	High Au, As in rock/soil, VLF	-50° 250m
3.	VLF	-50° 250m
4.	VLF, Au in soil	-50° 250m
5.	VLF, Au in soil	-50° 250m
6.	As, Ag in soil	-50° 250m
7.	As, weak Ag in soil, VLF	-50° 250m



LEGEND

- Soil geochemical anomaly
- VLF Fraser Filter anomaly
- Proposed drill hole (number = priority)
- Trench
- Drill hole
- Property boundary
- Creek
- Cat road
- Swamp, bog

092584

FIG. 7

0 50 100 200 400
METERS

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PROPOSED DRILL SITES

SCALE -	DATE - OCTOBER, 1986
DRAWN BY - P.H.	DATA - J.P., L.G.
NTS - 115 I/3	REVISED - OCT, 1988

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