MAP NO.	**ASSESSMENT REPORT** X	**DOCUMENT NO.:**	092007
	PROSPECTUS	**MINING DISTRICT:**	WHITEHORSE
	CONFIDENTIAL X	**TYPE OF WORK:**	Geophysics, Geochem.
115 G 6	**OPEN FILE**		

REPORT FILED UNDER: Rockridge Mining Corp.; Pak-Man Resources Inc.; Kluane Joint Venture

DATE PERFORMED: June 26 - August 27, 1987 **DATE FILED:** January 20, 1988

LOCATION: **LAT.:** 60°27'N **AREA:** Arch Creek

LONG.: 139°25'W **VALUE $:** 159,275.00

CLAIM NAME & NO.:

BARNY	1-50	YA94968-73; YA96002-09; YA96863-80; YA97896-912
MUS	1-16	YA94962-67; YA96010-19
AMP	1-10	YA95100-YA95109
EUGENE	1-44	YB08097-08140

WORK DONE BY: R.J. Cathro

WORK DONE FOR: Pak-Man Resources Inc.; Rockridge Mining Corporation; Kluane Joint Venture

DATE TO GOOD STANDING		REMARKS:
		#20, AIRWAYS

ARCHER, CATHRO
& ASSOCIATES (1981) LIMITED
CONSULTING GEOLOGICAL ENGINEERS

1016 - 510 WEST HASTINGS STREET
VANCOUVER, B.C. V6B 1L8

(604) 688-2568

OFFICE OF THE REGIONAL MANAGER
MINERAL RIGHTS
JAN 20 1988
WHITEHORSE
YUKON TERRITORY

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MINING
RECORDERS OFFICE
WHITEHORSE, Y.T.

SUMMARY REPORT

on

1987 EXPLORATION

ARCH PROPERTY

(BARNY, MUS, AMP and EUGENE CLAIMS)

Performed for

Pak-Man Resources Inc.

Rockridge Mining Corporation and

Kluane Joint Venture

R.J. Cathro, B.A.Sc., P.Eng.

December, 1987

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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 $ 34 100.00 .

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

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INTRODUCTION

The Arch Property was acquired by staking and option in 1986 by Archer, Cathro & Associates (1981) Limited on behalf of Kluane Joint Venture (Chevron Minerals Ltd. and All-North Resources Ltd.) to cover the extension of the Quill Creek Ultramafic Complex west of the Wellgreen Property. Additional claims were added during the 1987 field season. In December, 1986 the Joint Venture entered into an option agreement with Pak-Man Resources Inc. and Rockridge Mining Corporation, which subsequently funded an exploration program for platinum group elements (PGE), nickel and copper. The program consisted of grid layout, mapping, geochemical soil sampling, rock sampling, geophysical surveys and road construction and was performed between mid-June and early October by an Archer, Cathro crew based at the Wellgreen camp.

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PROPERTY, LOCATION AND ACCESS

The 120 claim Arch Property is located in southwestern Yukon, 320 km northwest of Whitehorse at latitude 60°27' and longitude 139°25' on NTS claim map 115G/6 (see Figures 1 and 2 on the following pages). It is centred on Arch Creek, a tributary of Donjek River, and adjoins the west end of the Wellgreen Property. Elevations range from about 1980 m (6500 feet) on ridge crests to 1070 m (3500 feet) on Lower Arch Creek.

An access road extends from the Wellgreen Property, which is reached by a 14 km all-weather road from the Alaska Highway. The access road was repaired and locally rebuilt in 1987 and now extends 5 km from Wellgreen.

The claims are registered with the Whitehorse Mining Recorder as follows:

Claim Name	Grant Numbers	Expiry Date
Barny 1-6	YA94968-YA94973	February 11, 1992
Barny 7-14	YA96002-YA96009	February 11, 1992
Barny 15-32	YA96863-YA96880	February 11, 1992
Barny 33F-38F	YA97896-YA97901	February 11, 1992
Barny 39	YA97902	February 11, 1992
Barny 40F	YA97903	February 11, 1992
Barny 41	YA97904	February 11, 1992
Barny 42F	YA97905	February 11, 1993
Barny 43	YA97906	February 11, 1993
Barny 44F	YA97907	February 11, 1993
Barny 45	YA97908	February 11, 1993
Barny 46F	YA97909	February 11, 1993
Barny 47	YA97910	February 11, 1993
Barney 48F	YA97911	February 11, 1993
Barney 49	YA97912	February 11, 1993
Barny 50F	YB08307	October 2, 1988
Mus 1-6	YA94962-YA94967	February 11, 1992
Mus 7-16	YA96010-YA96019	February 11, 1992
Amp 1-10	YA95100-YA95109	February 11, 1992
Eugene 1-44	YB08097-YB08140	September 25, 1988

The Amp claims are held by Kluane Joint Venture under an option agreement from a prospector, Graham Davidson. The other claims were acquired by staking. The Eugene group was added to the north late in the season to cover a gold target. Claim locations are shown on Figures 3 to 5 (in pockets).

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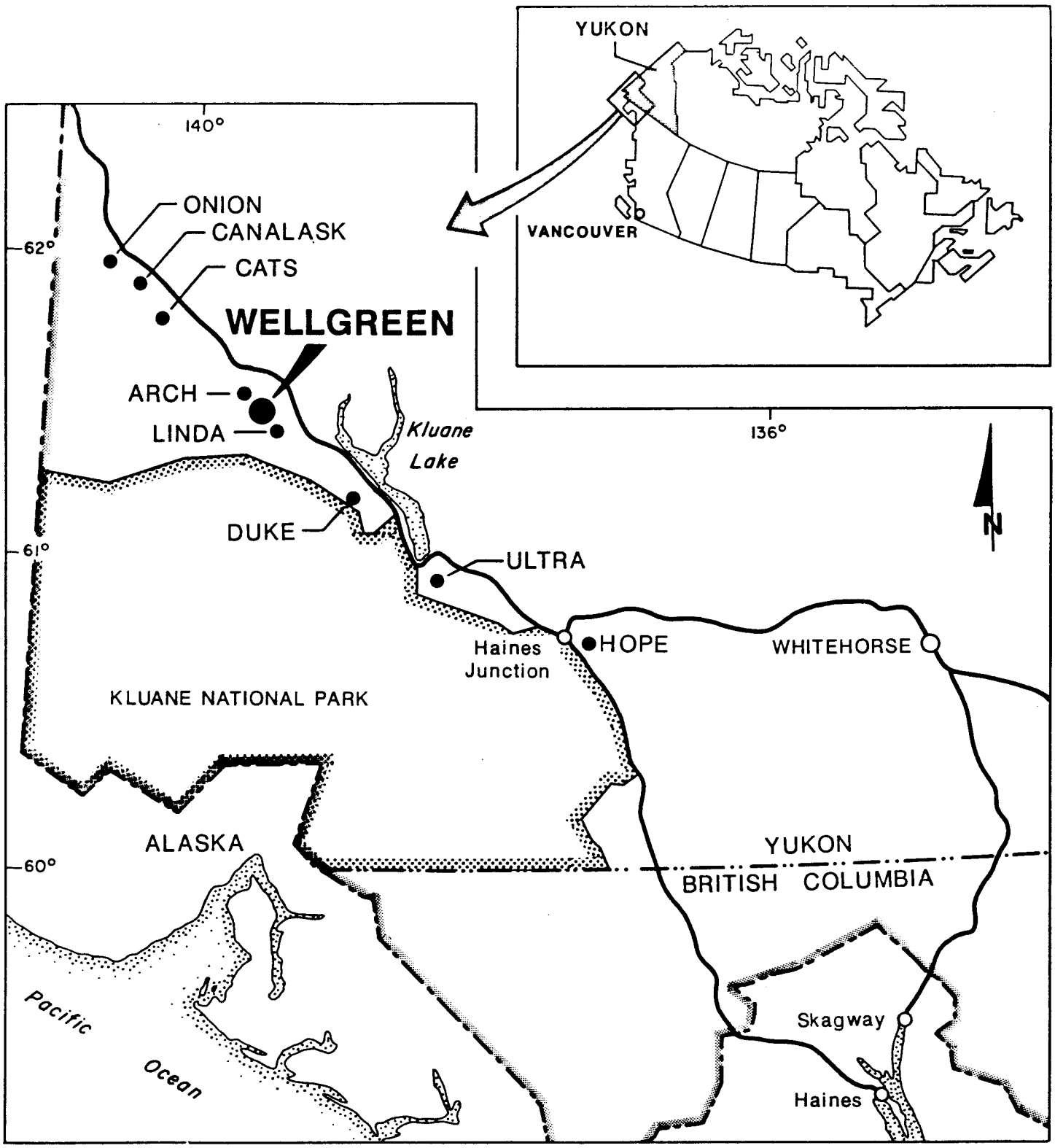

Figure 1

LOCATION
KLUANE PLATANUM BELT

YUKON, CANADA

PAK-MAN RESOURCES LTD.

ROCKRIDGE MINING CORPORATION

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Figure 2

PROPERTY LOCATION

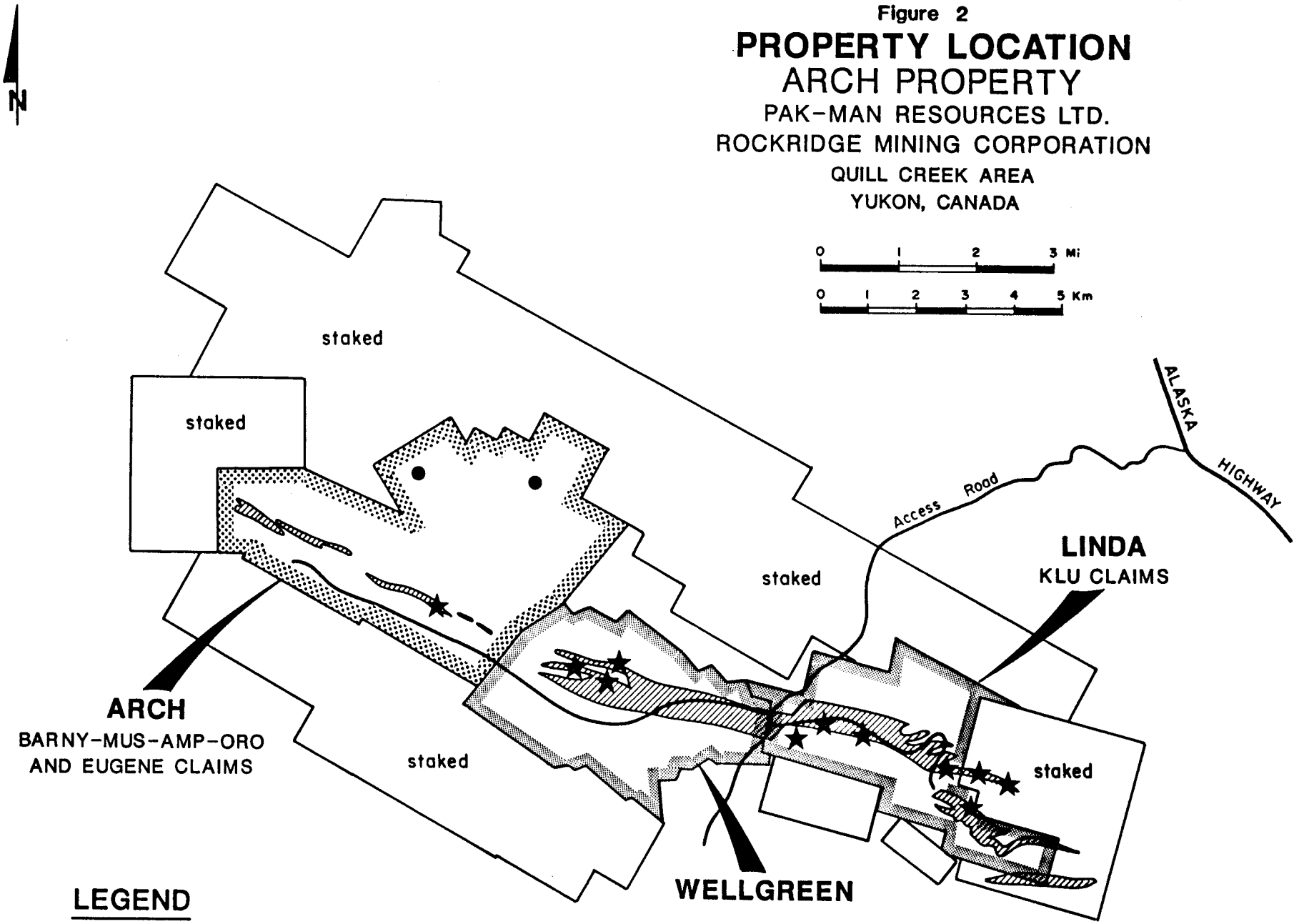
ARCH PROPERTY

PAK-MAN RESOURCES LTD.

ROCKRIDGE MINING CORPORATION

QUILL CREEK AREA

YUKON, CANADA



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HISTORY AND PREVIOUS WORK

The Arch Property was staked to cover two old mineral occurrences known as Airways and Musketeer.

The Airways occurrence was originally staked in 1952 as the Enger, etc. claims by a syndicate composed of Prospectors Airways Ltd., Noranda Mines Limited and Kerr Addison Gold Mines Limited, which explored with prospecting, mapping and geophysical surveys and 143 m of drilling between 1953 and 1955. The targets were restaked as Nico claims by J. Brown in 1964 and again in 1966 as the Jiffy and Tippy claims by P. Versluce and C. Gibbons, who conducted geophysical and mapping programs and trenching between 1967 and 1970. In 1972, the showing was explored under option agreement by the Nickel Syndicate (Canadian Superior Exploration Ltd., Aquitaine Co. Canada Ltd., Home Oil Limited and Getty Mines, Limited), which conducted mapping, geochemical and geophysical surveys and trenching. W. Green restaked the occurrence as the AMC claims in 1976 and performed some hand trenching between 1977 and 1980.

The Musketeer occurrence was originally staked in 1952 as the Musketeer claims by Teck Exploration Company Limited and as the adjoining Donjek claims on the north side by Conwest Exploration Ltd. Both companies performed mapping and prospecting in 1953. Teck continued exploration in 1955 with magnetic, EM and resistivity surveys. The area was restaked as the Legacy and Sue claims in 1967-68 by P. Versluce and C. Gibbons, who carried out road building and trenching in 1968. This property was explored by the Nickel Syndicate in 1972 in conjunction with the work on the neighboring Airways occurrence.

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1987 WORK PROGRAM

Field work was performed between mid-June and early October and included claim location, tagging and additional staking, linecutting to re-establish and extend a former grid, geophysical and geochemical surveys, road repair and construction, geological mapping, prospecting, rock sampling and trenching. The program was supervised by K. Sax and K. Thomas under the direction of the writer and R.C. Carne.

GRIDWORK

A pre-existing grid system at the east end of the property was upgraded, extended with linecutting, then slope-chained and picketed. The baseline follows Arch Creek for a length of 6 km. Crosslines at roughly 100 m intervals extend up the steep south-facing slope for 700 to 1000 m. At the extreme west end of the grid, four of the crosslines also extend south of the baseline for 200 m. This grid system was then tied into the Wellgreen grid and to prominent geological and geographical features.

GEOCHEMISTRY

Results from the geochemical survey are summarized in Figures 9 to 23 (in pockets). A total of 857 soil samples was collected at 50 m intervals on baselines and crosslines. Whenever possible, a B horizon or mixed B+C horizon was sampled. Samples were shipped by air express to Bondar-Clegg & Company Ltd., North Vancouver, B.C., where they were sieved to -35 mesh and pulverized. After sample preparation, one-half assay ton was tested for platinum, palladium, gold, nickel and copper by means of the "Platinum + 4" package, in which the three precious metals were analyzed by means of D.C. Plasma-Atomic Emission Spectroscopy (DCP-AES) and the other metals were analyzed by Atomic Absorption Spectroscopy (AAS).

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GEOPHYSICS

A detailed VLF-EM and proton gradiometer survey was performed under contract by Delta Geoscience Ltd., whose report is included as Appendix I. The results are summarized on Figures 25 to 27 (in pockets). Readings were taken at 20 m intervals over the entire grid.

ROAD WORK AND TRENCHING

Road work and trenching was undertaken with D7F and D7E bulldozers contracted from E. Caron Diamond Drilling Ltd. of Whitehorse. A total of 141 hours of machine time was used. The existing road along Arch Creek was upgraded and extended west for a total length of 5 km. The western 2 km is presently passable only by four-wheel drive vehicles but is easily upgradable to two-wheel drive. In addition, the access trail to the Airways and FW Showings was improved and extended another 200 m.

A total of 750 m of trenches was excavated, of which 500 m reached bedrock at the Airways, FW and Condie Showings. Due to the steep slopes, thick overburden and presence of permafrost, trenching was difficult in some locations.

GEOLOGICAL MAPPING AND PROSPECTING

Geological mapping, which is plotted on Figures 6 to 8 (in pockets), was carried out over the entire grid, some use being made of the Nickel Syndicate detailed geology map. Showings were chip sampled and assayed for gold, platinum, palladium, nickel and copper.

REGIONAL GEOLOGY

The Kluane ultramafic belt is bounded on the northeast by the Shakwak Fault, a major terrane boundary with latest movement in a right lateral sense. The southeast boundary of the belt is formed by the sinusoidal trace of a series of interconnected faults which roughly parallels the Shakwak Fault. All known ultramafic bodies in the Kluane Range lie within this 10 to 17 km wide belt.

Geology is summarized in Table I on the following page. Oldest exposed bedrock is Pennsylvanian to Permian Skolai Group andesitic volcanic and volcaniclastic rocks (Station Creek Fm) grading upward to clastic sedimentary rocks and limestone (Hasen Creek Fm). These are overlain unconformably by Upper Triassic Nikolai Group basalt and limestone with infrequent gypsum horizons. All are intruded by Cretaceous granodiorite plutons and Oligocene porphyritic latite to trachyte dykes and small stocks.

Two types of mafic and ultramafic intrusions are present:

i) the White River, Quill Creek and Tatamagouche Creek Ultramafic Complexes (Figure 4) are differentiated Lower Triassic sills that intrude Station Creek Fm and Hasen Creek Fm sedimentary and volcaniclastic rocks. They typically consist of strongly serpentinized dunite, peridotite and lesser marginal facies gabbro. The complexes are folded and dismembered by faults, reaching a maximum thickness of about 250 m and a length up to 25 km.

Mineral constituents in the ultramafic rocks are olivine, clinopyroxene, orthopyroxene, biotite, plagioclase, amphibole and minor magnetite and sulphides. The gabbro phases consist of clinopyroxene, plagioclase, minor olivine and amphibole and trace amounts of magnetite and sulphides.

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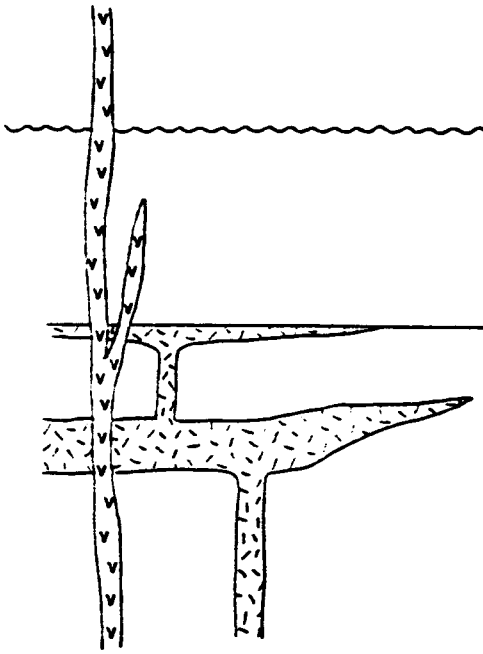
TABLE I

TABLE OF FORMATIONS - KLUANE ULTRAMAFIC BELT



Upper Triassic

Nikolai Group - dark green and maroon amygdaloidal basalt, volcanic breccia and conglomerate; minor thin-bedded limestone, chert and argillite

unconformity

Lower Permian

Hasen Creek Formation - siliceous argillite, sandstone, quartzite, limestone and conglomerate

Pennsylvanian and(?) Permian

Station Creek Formation - tuff, volcanic breccia, siliceous argillite, andesite and basalt flows

INTRUSIVE ROCKS

not shown — Oligocene

biotite quartz latite porphyry to trachyte dykes and small stocks

not shown — Cretaceous

biotite-hornblende granodiorite, biotite-hornblende diorite and hornblende-biotite quartz diorite stocks

Upper Triassic

medium-grained diabasic gabbro dykes and small stocks; probably feeders for Nikolai Group basalts

Lower Triassic

differentiated ultramafic sills consisting mainly of peridotite with lesser dunite and gabbro

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Cumulate textures are common in the dunite and peridotite while gabbro phases are generally compact and massive. Most nickel-copper-PGE occurrences in the Kluane Ranges are spatially associated with the gabbroic marginal facies of the intrusions.

Chemically the mafic-ultramafic sills have high TiO2:MgO ratios, low Fe/Mg ratios and anomalously high MgO, Ni and Cr backgrounds. According to S. Campbell (1981 Ph.D. Thesis, University of British Columbia), the compositions fall very close to the fields for komatiites. Primary phlogopite biotite from the Quill Creek Complex yielded a potassium argon age determination of 224 $\pm$ 8 Ma (Lower Triassic);

ii) dykes and small stocks of medium-grained diabasic gabbro occur throughout Station Creek and Hasen Creek Fm and Nikolai Group. They consist of augite and plagioclase with minor orthopyroxene, hornblende and magnetite. Field evidence supports an Upper Triassic age for the gabbros as remnants of feeder systems for the Nikolai Group basaltic flows. No known nickel-copper-PGE mineralization is associated with the younger gabbros.

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PROPERTY GEOLOGY

The geology of the property has been plotted on Figures 6 to 8 (in pockets) from a compilation of remapping during 1987 and detailed mapping carried out in 1972 by V. Ahlborn for the Nickel Syndicate. The 1972 work was summarized in a March 6, 1987 report by J.S. Vincent for Kluane Joint Venture.

The Arch Property covers the northwesterly extension of the Quill Creek Ultramafic Complex, which has been extensively studied and explored on the adjoining Wellgreen Property. The ultramafic body consists of crudely conformable, steeply north-dipping peridotite-olivine gabbro lenses intruded along a zone of structural weakness within sedimentary-volcanic rocks of the Lower Permian Station Creek Fm. This is part of a fairly continuous belt of ultramafic rocks that extends for a length of 20 km southeast from the Arch Property to the vicinity of the Klu-Wash claim boundary, where it terminates as interdigitated subsidiary sills or apophyses injected along the bedding.

The main ultramafic lens, which is poorly exposed in creek cuts and trenches, is about 750 m long and over 100 m wide. Two other small exposures were mapped up to 450 m further southeast and another occurs on the bank of the large tributary of Arch Creek that crosses the northwest end of the grid. The main lens is composed of dark greenish-black, medium-grained and moderately to strongly serpentinized feldspathic peridotite. This unit weathers dark green with brown limonite spots and frequent white to greenish-white calcite coatings. Slickensided, scaly fractures are common and readily evident in weathered material. The peridotite is generally strongly magnetic.

Olivine gabbro is generally present as a chilled phase at the faulted northern margin of the peridotite lens. A contact aureole that is present in

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both the peridotite and host siliceous sediments indicates that the olivine gabbro intruded and is younger than the emplacement of the peridotite body. Nickel-copper-platinum mineralization is associated with the olivine gabbro unit.

The ultramafic sill dips steeply northeast and appears to be conformable with the enclosing siliceous sediments. On the neighboring Wellgreen Property, the sill dips both steeply north and steeply south and appears to be a sub-vertical body with occasional rolls or gentle folds. Stratigraphic evidence suggest that the northeast dip on the Arch Property represents an overturned link with enclosing strata becoming younger in a downhill direction.

A second but distinctively different variety of gabbro, given the field name leucogabbro, is also present on the property. This unit, which is composed mainly of chloritized pyroxenes and altered plagioclase laths with occasional small patches of serpentine, is present uphill from the sill in the central and southeast parts of the property. Fine-grained phases resemble volcanic rocks. The leucogabbro has been interpreted in regional studies as a feeder to the Nikolai Group volcanic rocks.

The host unit to the ultramafic sill consists of siliceous sediments, andesite and agglomerate of the Station Creek Fm. Siliceous argillite and mudstone is the most common sedimentary lithology although quartzite is present at mineralized contacts. Argillite displays alternating grey and black layers of variable thickness. The mudstone is finely layered with a light green-brown colour on a fresh broken surface. The andesite varies from light to dark green and, in some outcrops at the western end of the grid, to shades of red. The andesite is composed of a chloritized matrix with chlorite pseudomorphs after

hornblende. The green agglomerates are made up of fragments varying from subangular to subrounded. These chert fragments are contained in a laminated volcanic matrix.

Exposure of the Triassic Nikolai Group is limited to a few outcrops on the southern part of the grid and to the south side of Arch Creek. The rock is rich in ferromagnesians with amygdules partly filled with calcite and limonite. The contact between Nikolai and Station Creek is not exposed but probably lies near the baseline.

A large area along the lower north side of Arch Creek at the northwest end of the claim block is mantled by an erosional remnant of Pleistocene glacial-fluvial gravel. This gravel is well sorted with gentle dips in a downstream direction. Maximum thicknesses exposed along Arch Creek are about 30 m. This extensive gravel deposit obscures the northwest extension of the ultramafic sill, which is interpreted from the results of the magnetic survey to extend off the end of the grid.

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MINERALIZATION

Several mineral occurrences have been reported on the Arch Property. Three of these, the Airways, Musketeer and Conwest date from 1952. No significant mineralization was found at the Musketeer or Conwest locations in 1987. The FW and Condie Showings were inferred from the 1972 Nickel Syndicate data but were not explored until 1987.

Nickel-copper-platinum mineralization exposed at surface consists of massive to disseminated sulphides associated with the olivine gabbro dyke that intrudes the faulted contact between the peridotite sill and the quartzite wallrock. Examples include the Airways, FW and Condie Showings. Descriptions of these showing are given below, while Table II on the following page summarizes the significant assays.

The Airways Showing, situated in the east-central part of the grid, consists of a narrow band of massive pyrrhotite-chalcopyrite 1.5 m wide and 10 m long. The showing strikes under overburden in both directions. A 1.5 m chip sample taken across this zone in 1987 assayed 0.051 opt Pt, 0.093 opt Pd, 2.51% Ni, 0.57% Cu and 0.002 opt Au. A specimen collected by F.A. Campbell in 1955, which was assayed for PGE by Falconbridge, returned values of 0.045 opt Pt, 0.044 opt Pd and 0.012 opt Rh. Disseminated sulphides occur over a 45 m strike length and a width of 20 m. A 5 m chip sample collected in 1987 yielded values of 0.012 opt Pt, 0.016 opt Pd, 0.36% Ni, 0.25% Cu and 0.002 opt Au.On the other side of the contact, the country rock exhibits prominent limonite and copper staining for approximately 3 m. A specimen of this material ran only 0.001 opt Pt, 0.004 opt Pd, 1.20% Ni, 0.44% Cu and 0.001 opt Au.

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TABLE II

SIGNIFICANT 1987 ASSAYS
ARCH PROPERTY

Showing	Sample No.	Width (m)	Platinum (opt)	Palladium (opt)	Nickel (%)	Copper (%)	Gold (opt)
Airways	R19897	1.5	0.051	0.093	2.51	0.57	0.002
	R8564	grab	0.054	0.078	4.44	8.45	0.002
	R8565	0.4	0.044	0.039	3.33	0.72	0.001
	R8568	5.0	0.019	0.025	0.46	0.25	0.003
	R19896	5.0	0.012	0.016	0.36	0.25	0.002
	R12900	grab	0.025	0.004	4.54	0.14	0.001
	R19986*	grab	0.020	0.019	2.34	0.54	0.006
	R19987*	grab	0.048	0.079	0.34	1.14	0.001
FW	R19884	grab	0.015	0.032	0.40	0.38	0.005
	R19885	2.0	0.027	0.041	0.47	0.80	0.002
	R12929	1.0	0.163	0.061	0.34	0.23	0.018
Condie	P25043	5.0	0.016	0.025	0.28	0.24	0.001
	R12590	grab	0.064	0.082	0.18	0.59	0.009
	R12592	grab	0.009	0.011	0.23	0.66	0.003
	R12921	1.0	0.027	0.105	0.60	0.76	0.008
	R12916	1.0	0.012	0.011	0.23	2.88	tr
	R12919	1.0	0.048	0.035	0.97	0.38	0.006
Musketeer	R12905	30.0	tr	0.001	0.13	0.02	tr

*Bedrock float from Trench 3, located mindway between the Airways and FW Showings.

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The FW Snowing, situated 330 m northwest of the Airways Showing, occurs in a creek cut. Mineralization occurs in a shear zone within olivine gabbro at the contact with limestone and siliceous argillite. Disseminated pyrrhotite and chalcopyrite has been found intermittently over a strike length of 33 m and a width of 5 m. A grab sample of heavily limonitized gabbro assayed 0.015 opt Pt, 0.032 opt Pd, 0.40% Ni, 0.38% Cu and 0.005 opt Au. Another chip sample of the gabbro in contact with limestone returned lower values. The best results from this showing were found in copper stained and limonitic, sheared, siliceous argillite which assayed 0.163 opt Pt, 0.061 opt Pd, 0.34% Ni, 0.23% Cu and 0.018 opt Au. Sheared peridotite with only traces of visible mineralization outcrops downslope in the gulch for 110 m. A specimen of this peridotite returned values of 0.002 opt Pt, 0.003 opt Pd, 0.26% Ni, 0.03% Cu and a trace of Au.

Trench 3, located midway between the Airways and FW Showings, failed to reach true bedrock at the gabbro-quartzite contact but did turn up some mineralized float. Two float specimens averaged 0.034 opt Pt, 0.049 opt Pd, 1.34% Ni and 0.84% Cu. The source was not found but this float implies that the mineralized zone may be continuous under overburden between the two showings.

The Condie Showing, exposed in a creek roughly 220 m west of the FW Showing, consists of disseminated pyrrhotite and chalcopyrite in gabbro along the upper contact between the ultramafic body and limonitic quartzite. A second small showing is also present at the lower (southwest) margin of the sill, about 110 m away. A sample consisting of several typical specimens of quartzite from the upper contact assayed 0.048 opt Pt, 0.035 opt Pd, 0.97% Ni,

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0.38% Cu and 0.006% Au. Another specimen of this material containing the same malachite staining returned values of 0.012 opt Pt, 0.011 opt Pd, 0.23% Ni and 2.88% Cu. A sample comprising numerous chips of quartzite collected over a length of 5 m and about 1 m from the lower contact returned values of 0.027 opt Pt, 0.105 opt Pd, 0.60% Ni, 0.76% Cu and 0.008 opt Au. A specimen of sheared, copper stained gabbro assayed 0.064 opt Pt, 0.082 opt Pd, 0.18% Ni, 0.59% Cu and 0.009 opt Au. A specimen of peridotite containing a trace of sulphides returned only 0.003 opt Pt, 0.006 opt Pd, 0.19% Ni, 0.06% Cu and trace Au.

Two mineral showings, named the Conwest and Musketeer, were believed to be present at the northwest end of the property on the basis of sketchy descriptions and locations contained in assessment records dating from the 1950's. Exploration carried out in 1987 to confirm their existence gave disappointing results.

The reported location of the Conwest Showing was in the northwestern corner of the property near the 1430 m (4700 foot) elevation. All outcrops and float in this area consist of metasedimentary and volcanic rocks with no evidence of peridotite or gabbro. The only mineralization found was a trace of pyrrhotite with copper and iron staining in a fine-grained mudstone. One rock specimen assayed 1.45% Cu while three other rock samples and two soil samples returned background values in all other metals.

The only evidence for the Musketeer Showing is a small exposure of weakly limonitic, moderately serpentinized and strongly magnetic peridotite on the bank of the large tributary of Arch Creek that crosses the northwest end of the grid. A specimen returned only trace Pt, 0.001 opt Pd, 0.13% Ni, 0.02% Cu and trace Au. No evidence was found of a significant mineral occurrence in the northwest portion of the property.

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GEOCHEMISTRY

The 1987 soil sample survey results are plotted on Figures 9 to 23 (in pockets). Approximately one-third of the Arch Property was sampled at 50 m intervals along grid lines spaced 100 m apart, resulting in coverage of over three-quarters of that portion of the property potentially underlain by the favourable ultramafic rocks.

Sampling conditions varied from good to poor, with the better samples collected on the unfrozen south-facing slopes toward the east end of the grid. The worst conditions occur in the central and west parts of the grid. These areas are underlain by permafrost and heavy overburden cover, particularly the glacial-fluvial gravel up to 100 m thick.

Approximate background response in soil for the various metals is shown below:

Metal	Ultramafic Rocks	Other Rocks
Pt	50 ppb	15 ppb
Pd	50 ppb	10 ppb
Ni	400 ppm	75 ppm
Cu	200 ppm	100 ppm

Soil response from ultramafic rocks is considered anomalous when it exceeds 100 ppb Pt or Pd, 800 ppm Ni or 400 ppm Cu and strongly anomalous above 200 ppb Pt or Pd, 1600 ppm Ni or 800 ppm Cu.

The distribution of anomalous and strongly anomalous platinum and palladium response in soil is generally coincident with high nickel and copper values, which agrees with prospecting observations on the type of mineralization present. The anomalies are also coincident with known mineral showings, which are restricted to the vicinity of the Airways Showing. Only background values were obtained over the magnetic anomalies at the northwest end of the grid, probably because overburden cover in that area is too thick to allow effective geochemical coverage.

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SUMMARY AND RECOMMENDATIONS

An exploration program consisting of claim staking and tagging, grid layout and linecutting, control survey, geochemical and geophysical surveys, road repair and construction, geological mapping, prospecting and rock sampling was performed on the Arch Property between mid-June and early October, 1987. The work was funded by Pak-Man Resources Inc. and Rockridge Mining Corporation under an agreement with the claim owners, Chevron Minerals Ltd. and All-North Resources Ltd. (Kluane Joint Venture), and G. Davidson.

The property is situated on Arch Creek, a tributary of the Donjek River. It covers the northwest extension of the ultramafic complex that hosts the former Wellgreen Mine and has a sporadic exploration history dating back to 1952. Previous work, consisting of geological and geophysical surveys, road building and limited trenching, was directed toward the nickel-copper potential.

The 1987 program was directed toward the platinum potential. Initial emphasis was on defining the position of the ultramafic rocks using grid controlled mapping and geophysical surveys, on determining the location and extent of mineralization using geochemical soil and rock sampling and prospecting, and extending road access from the Wellgreen Mine road to the northwest end of the property. Much of this work was performed in the vicinity of the old Airways Showing, which is associated with a steeply north-dipping ultramafic sill about 750 m long and over 100 m thick that intrudes quartzite wallrock. Two other showings, FW and Condie, were located along strike from the Airways Showing. Results confirmed that the mineralization resembles the Wellgreen deposit, with unusually high values in platinum and palladium associated with the nickel-copper mineralization.

332097

Two chip samples and a grab sample from a narrow band of massive pyrrhotite-chalcopyrite at the Airways Showing averaged 0.050 opt Pt, 0.070 opt Pd, 3.26% Ni and 3.25% Cu. True thickness is about 1.5 m. Disseminated sulphides occur over a length of 45 m and a width of 20 m. At the FW Showing, situated 330 m northwest of Airways, chip and grab samples from the contact between the gabbro intrusion and the siliceous sediment averaged 0.068 opt Pt, 0.045 opt Pd, 0.40% Ni and 0.47% Cu. Mineralized float averaging 0.034 opt Pt, 0.049 opt Pd, 1.34% Ni and 0.84% Cu was found midway between the two showings. Specimens of mineralized olivine gabbro near the upper contact with quartzite at the Condie Showing, located 550 m northwest of the Airways Showing, averaged 0.037 opt Pt, 0.047 opt Pd, 0.21% Ni and 0.63% Cu.

Two other showings, the Musketeer and Conwest, were rumoured to be present at the northwest end of the property, according to reports of work conducted in the 1950's. Exploration in 1987 failed to confirm the presence of significant mineralization in this vicinity. However, the magnetic survey showed that the ultramafic rocks probably continue to the end of the grid under a thick terrace of glacial-fluvial gravel.

The exploration program commenced in 1987 has shown that the property hosts small but poorly exposed showings that resemble the mineralization in the adjacent Wellgreen deposit. Bulldozer trenching was commenced in 1987 but the program was completed before the dimensions and grade of the showings could be measured. This work should be continued in 1988 and supplemented with drilling to delineate the size and grade of this mineralization and to explore the interpreted northwest extension of the ultramafic body beneath thick overburden.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

/mc

R.D. Cathro, B.A.Sc., P.Eng.

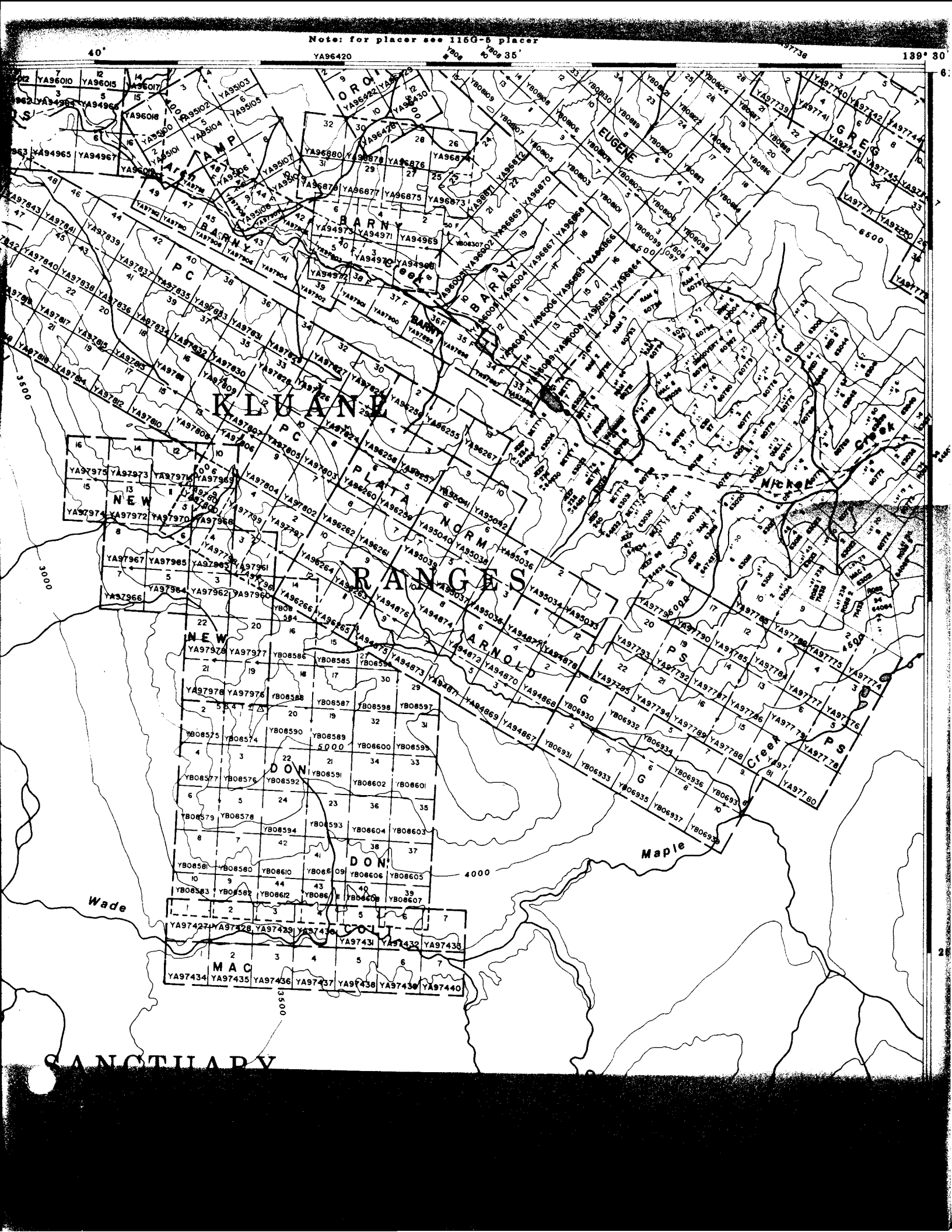
092007

STATEMENT OF QUALIFICATIONS

I, Robert J. Cathro, with business addresses in Whitehorse, Yukon Territory nd Vancouver, British Columbia, and residential address in West Vancouver, ritish Columbia, do hereby declare:

1. I am a 1959 graduate of the University of British Columbia in geological engineering.
2. I have been engaged in geological engineering for over 25 years, of which the past 20 have been as a consultant.
3. I am a registered professional engineer in British Columbia and in Yukon Territory.
4. I have supervised the work described in this report.

Robert J. Cathro, B.A.Sc., P.Eng.


Note: for placer see 116G-5 placer
40'
139° 30'
KLUANE
RANGES
NEW
PC
PLATA
NORM
ARNOLD
DON
MAC
PS
GREG
BARNY
ORO
CAMP
EUGENE
Nickel Creek
Maple
Wade
SANCTUARY
3500
4000
4500
5000
6000
6500

BARNY 24
BARNY 22
BARNY 20
BARNY 18
BARNY 16
BARNY 15
BARNY 13
BARNY 14
BARNY 37
BARNY 36
BARNY 35
BARNY 34
23
21
19
17
2
7
9
11
8
10
12
3
33
50F
TRENCH 1
TRENCH 1A
TRENCH 3
TRENCH 4
Wolly Creek
Arch Creek
WELLGREEN PROPERTY
WELLGREEN CAMP
N5
TL+N
Topography from NTS 1:50,000 maps

YUKON TERRITORY
ALASKA
Dawson
Carmacks
Haines Junction
WHITEHORSE
Skagway
Haines
ARCH PROPERTY
Beaver Creek
Burwash Landing
Kluane Lake
Carmacks
Haines Junction
LOCATION MAP

LEGEND

- 5 — claim number
- ■ — claim post – tagged, surveyed
- □ — claim post – tagged
- ○ — claim post – not located
- – — soil sample location
- ▪ — rock sample location
- trench
- road – 2 wheel drive, 4 wheel drive
- Arch Property

Figure 3
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM AND SAMPLE LOCATION

ARCH PROPERTY
KLUANE RANGE, YUKON

PAK-MAN RESOURCES LTD.
ROCKRIDGE MINING CORPORATION
& KLUANE JOINT VENTURE

092007

EAST

SCALE 1:2500
0 25 50 100 150 200 m

(1048)

To accompany report dated DECEMBER 1987

EUGENE CLAIMS

ORO CLAIMS

ARCH PROPERTY

AMP 2
AMP 4
AMP 5
AMP 6
AMP 7
AMP 8
AMP 9
AMP 10

BARNY 26
BARNY 28
BARNY 30
BARNY 31
BARNY 32
BARNY 42
BARNY 44
BARNY 46

Arch Creek

TRENCH 2
TRENCH 5
TRENCH 6

Topography from NTS 1:50,000 maps

YUKON TERRITORY

LOCATION MAP

LEGEND

- 5 — claim number
- ■ — claim post – tagged, surveyed
- □ — claim post – tagged
- ○ — claim post – not located
- - — soil sample location
- • — soil sample location (off grid)
- ▪ — rock sample location
- × — silt sample location
- ——— — trench
- ——— — road – 2 wheel drive, 4 wheel drive
- ▨ — Arch Property

Figure 4
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM AND SAMPLE LOCATION

ARCH PROPERTY
KLUANE RANGE, YUKON

PAK-MAN RESOURCES LTD.
ROCKRIDGE MINING CORPORATION
& KLUANE JOINT VENTURE

092007

CENTRAL

SCALE 1:2500

0 25 50 100 150 200 m

(1093)

To accompany report dated DECEMBER 1987

MUS 8
MUS 11
MUS 13
MUS 10
MUS 14
MUS 9
MUS 15
MUS 1
MUS 16
MUS 6
MUS 4
MUS 2
AMP 4
AMP 3
AMP 1
AMP 2
BARNY 48
BARNY 49
BARNY 47
7
12
5
3
5
5
5000
4500
4000
3900
3500
3000
R19979
R19982
R19981
R19980
R19991
R19992
R19967
R17804
R17801
R17806
R17649
R17644
R17580
R17728
R17742
R17522
R17710
R17714
R17724
R17715
R17651
R17647
R17536
R17677
R17678
R17594
R17681
R17686
R17685
R17815
R17851
R17814
R17689
R17682
R17810
R17844
R17843
R17845
R17846
R17847
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R17874
R17875
R17876
R17877
R17878
R17879
R17880
R17881
R17882
R17883
R17884
R17885
R17886
R17887
R17888
R17889
R17890
R17891

LOCATION MAP

WELLGREEN PROPERTY

Arch Creek

Topography from NTS 1:50,000 maps

Permian

Hasen Creek Formation

- argillite (black to gray)
- siltstone / siliceous argillite (olive green)
- quartzite (brown to gray)
- limestone (white to gray)
- tuffs / tuffaceous quartzites (dark green to lt. brown)

Pennsylvanian

Station Creek Formation

- agglomerate / volcanic breccia (green)
- andesitic flows or subvolcanic intrusions

Triassic

Nikolai Group

- green and purple amygdaloidal basalts

unconformity

- olivine and feldspar porphyritic dykes (white to green)

Quill Creek Ultramafic Complex

- peridotite
- gabbro / gabbro – norite
- mafic skarn

(not all units present)

Figure 6
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GEOLOGY

ARCH PROPERTY

KLUANE RANGE, YUKON

PAK-MAN RESOURCES LTD.
ROCKRIDGE MINING CORPORATION
& KLUANE JOINT VENTURE

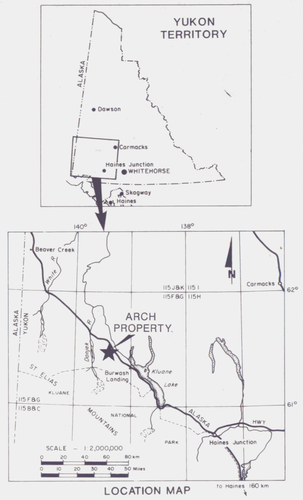
EAST

092007

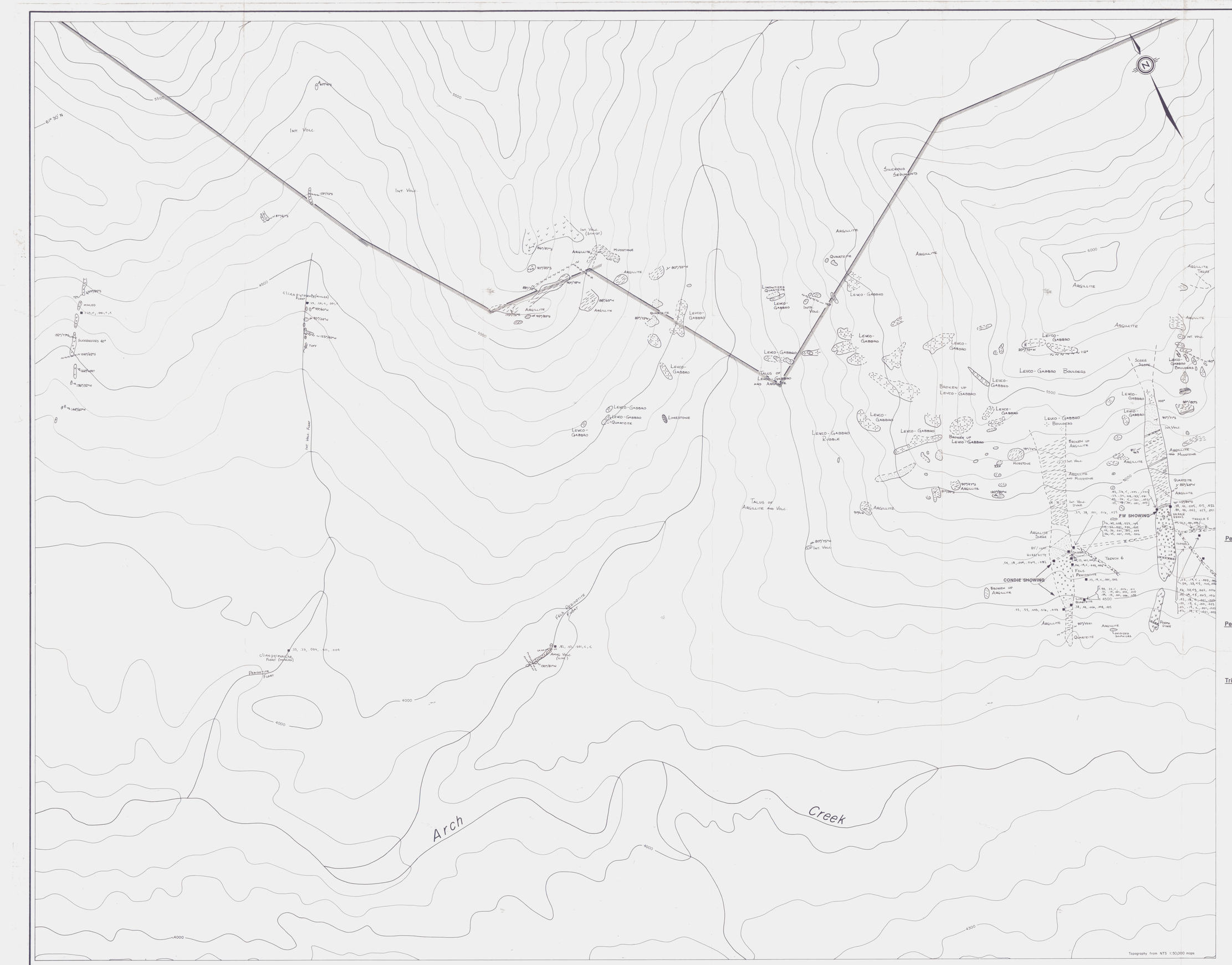
SCALE 1:2500
0 25 50 100 150 200 m

1095

To accompany report dated DECEMBER 1987



LOCATION MAP



Permian

Hasen Creek Formation

- argillite (black to gray)
- siltstone / siliceous argillite (olive green)
- quartzite (brown to gray)
- limestone (white to gray)
- tuffs / tuffaceous quartzites (dark green to lt. brown)

Pennsylvanian

Station Creek Formation

- agglomerate / volcanic breccia (green)
- andesitic flows or subvolcanic intrusions

Triassic

Nikolai Group

- green and purple amygdaloidal basalts

unconformity

- olivine and feldspar porphyritic dykes (white to green)

Quill Creek Ultramafic Complex

- peridotite
- gabbro / gabbro - norite
- mafic skarn

(not all units present)

Figure 7
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GEOLOGY

ARCH PROPERTY

KLUANE RANGE, YUKON

PAK-MAN RESOURCES LTD.
ROCKRIDGE MINING CORPORATION
& KLUANE JOINT VENTURE

CENTRAL

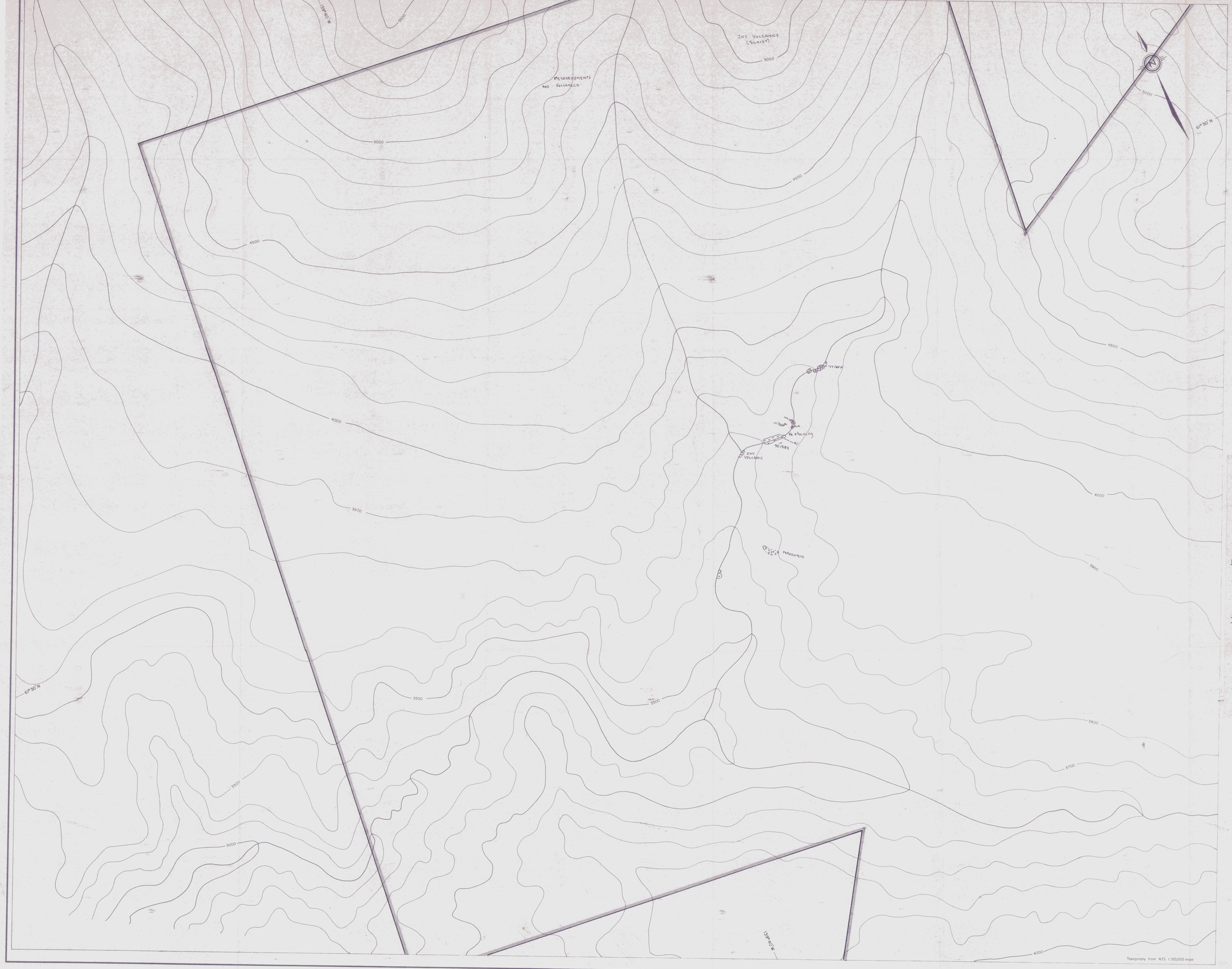
092007

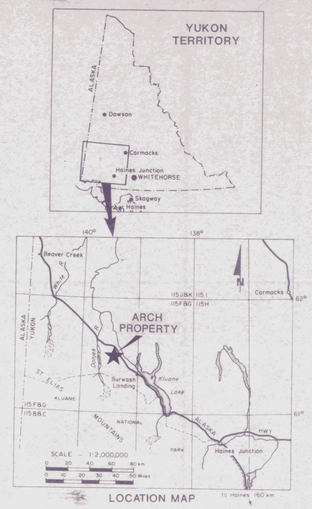
SCALE 1:2500

0 25 50 100 150 200 m

1096

To accompany report dated DECEMBER 1987





Permian

Hasen Creek Formation

- argillite (black to gray)
- siltstone / siliceous argillite (olive green)
- quartzite (brown to gray)
- limestone (white to gray)
- tuffs / tuffaceous quartzites (dark green to lt. brown)

Pennsylvanian

Station Creek Formation

- agglomerate / volcanic breccia (green)
- andesitic flows or subvolcanic intrusions

Triassic

Nikolai Group

- green and purple amygdaloidal basalts

unconformity

- olivine and feldspar porphyritic dykes (white to green)

Quill Creek Ultramafic Complex

- peridotite
- gabbro / gabbro – norite
- mafic skarn

(not all units present)

Figure 8

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GEOLOGY

ARCH PROPERTY

KLUANE RANGE, YUKON

PAK-MAN RESOURCES LTD.
ROCKRIDGE MINING CORPORATION
& KLUANE JOINT VENTURE

WEST

092007

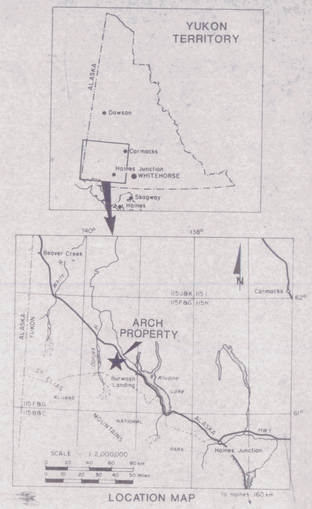
SCALE 1:2500

0 25 50 100 150 200 m

(1087)

To accompany report dated DECEMBER 1987

ARCH - WEST



LEGEND

- 25 — contour intervals at 25, 50, 100 and 250 ppb
- 25 soil sample location with Pt in ppb
- ■ 250 rock sample location with Pt in ppb
- trench
- Arch Property

Figure 9

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

PLATINUM GEOCHEMISTRY

ARCH PROPERTY

KLUANE RANGE, YUKON

PAK-MAN RESOURCES LTD.
ROCKRIDGE MINING CORPORATION
& KLUANE JOINT VENTURE

092007

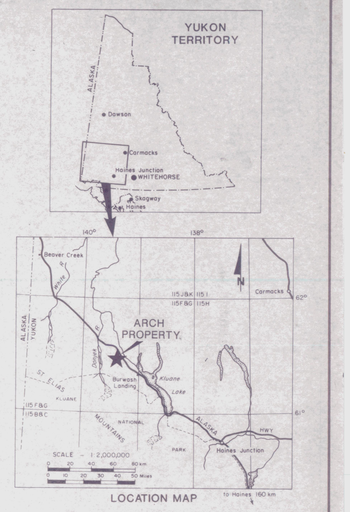
EAST

SCALE 1:2500

0 25 50 100 150 200 m

(1098)

To accompany report dated DECEMBER 1987



LOCATION MAP

LEGEND

- 25 — contour intervals at 25, 50, 100 and 250 ppb
- 25 soil sample location with Pt in ppb
- ● 25 soil sample location with Pt in ppb (off grid)
- ■ 250 rock sample location with Pt in ppb
- x 25 silt sample location with Pt in ppb
- trench
- Arch Property

Figure 10

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

PLATINUM GEOCHEMISTRY

ARCH PROPERTY

KLUANE RANGE, YUKON

PAK-MAN RESOURCES LTD.
ROCKRIDGE MINING CORPORATION
& KLUANE JOINT VENTURE

092007

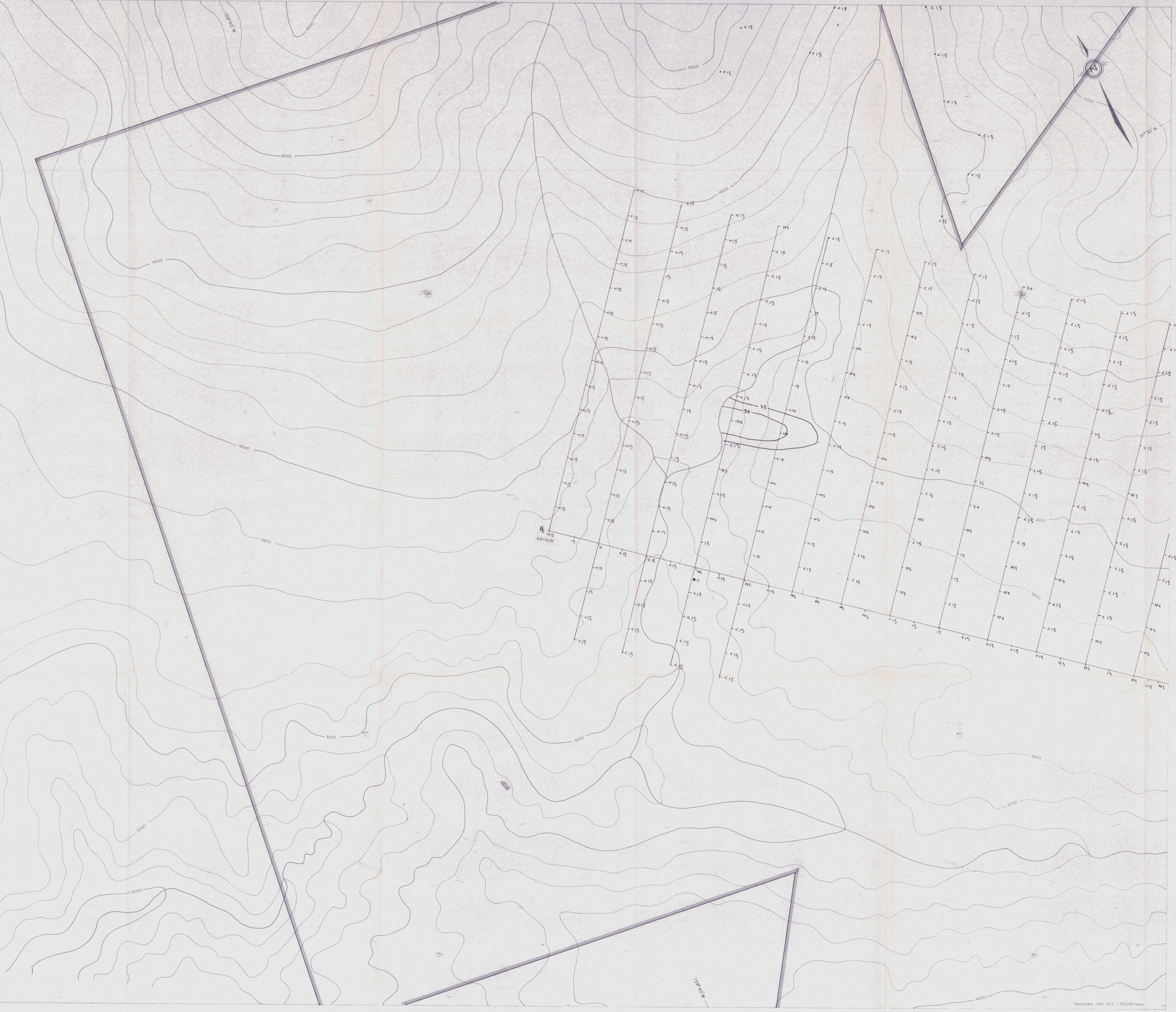
CENTRAL

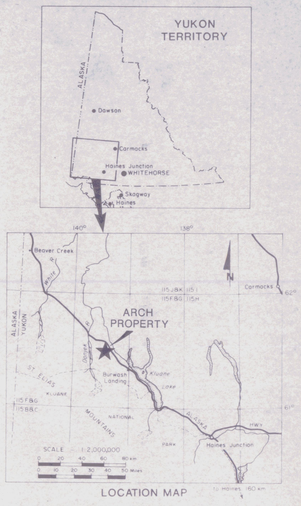
SCALE 1:2500

0 25 50 100 150 200 m

1099

To accompany report dated DECEMBER 1987





LEGEND

- 25 — contour intervals at 25, 50, 100 and 250 ppb
- ~25 soil sample location with Pt in ppb
- ●25 soil sample location with Pt in ppb (off grid)
- ■250 rock sample location with Pt in ppb
- Arch Property

Figure 11

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

PLATINUM GEOCHEMISTRY

ARCH PROPERTY

KLUANE RANGE, YUKON

PAK-MAN RESOURCES LTD.
ROCKRIDGE MINING CORPORATION
& KLUANE JOINT VENTURE

092007

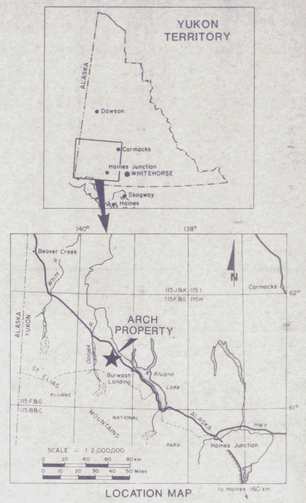
WEST

SCALE 1:2500

0 25 50 100 150 200 m

1100

To accompany report dated DECEMBER 1987



LEGEND

- 25 — contour intervals at 25, 50, 100 and 250 ppb
- 25 soil sample location with Pd in ppb
- 250 rock sample location with Pd in ppb
- trench
- Arch Property

Figure 12

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

PALLADIUM GEOCHEMISTRY

ARCH PROPERTY

KLUANE RANGE, YUKON

PAK-MAN RESOURCES LTD.
ROCKRIDGE MINING CORPORATION
& KLUANE JOINT VENTURE

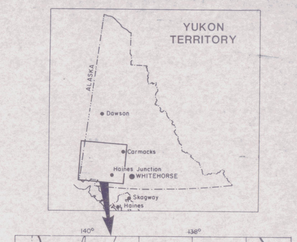
EAST 092007

SCALE 1:2500

0 25 50 100 150 200 m

(110)

To accompany report dated DECEMBER 1987



LOCATION MAP

LEGEND

- 25 — contour intervals at 25, 50, 100 and 250 ppb
- 25 soil sample location with Pd in ppb
- 25 soil sample location with Pd in ppb (off grid)
- 250 rock sample location with Pd in ppb
- 25 silt sample location with Pd in ppb
- trench
- Arch Property

Figure 13

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

PALLADIUM GEOCHEMISTRY

ARCH PROPERTY

KLUANE RANGE, YUKON

PAK-MAN RESOURCES LTD.
ROCKRIDGE MINING CORPORATION
& KLUANE JOINT VENTURE

CENTRAL

092007

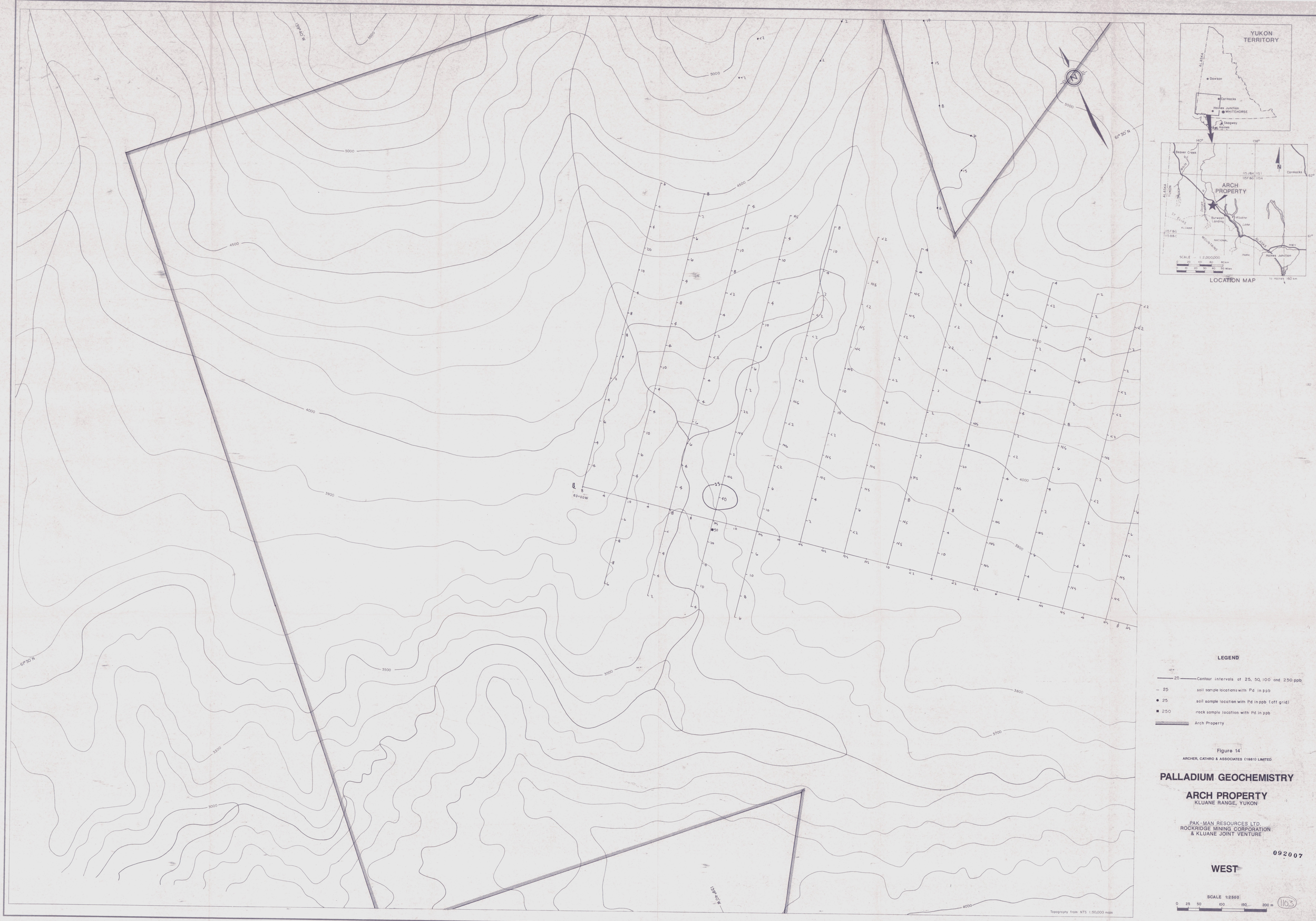
SCALE 1:2500

0 25 50 100 150 200 m

1102

Topography from NTS 1:50,000 maps

To accompany report dated DECEMBER 1987



LOCATION MAP

LEGEND

- 25 — Contour intervals at 25, 50, 100 and 250 ppb
- – 25 soil sample locations with Pd in ppb
- • 25 soil sample location with Pd in ppb (off grid)
- ■ 250 rock sample location with Pd in ppb
- Arch Property

Figure 14

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

PALLADIUM GEOCHEMISTRY

ARCH PROPERTY

KLUANE RANGE, YUKON

PAK-MAN RESOURCES LTD.
ROCKRIDGE MINING CORPORATION
& KLUANE JOINT VENTURE

092007

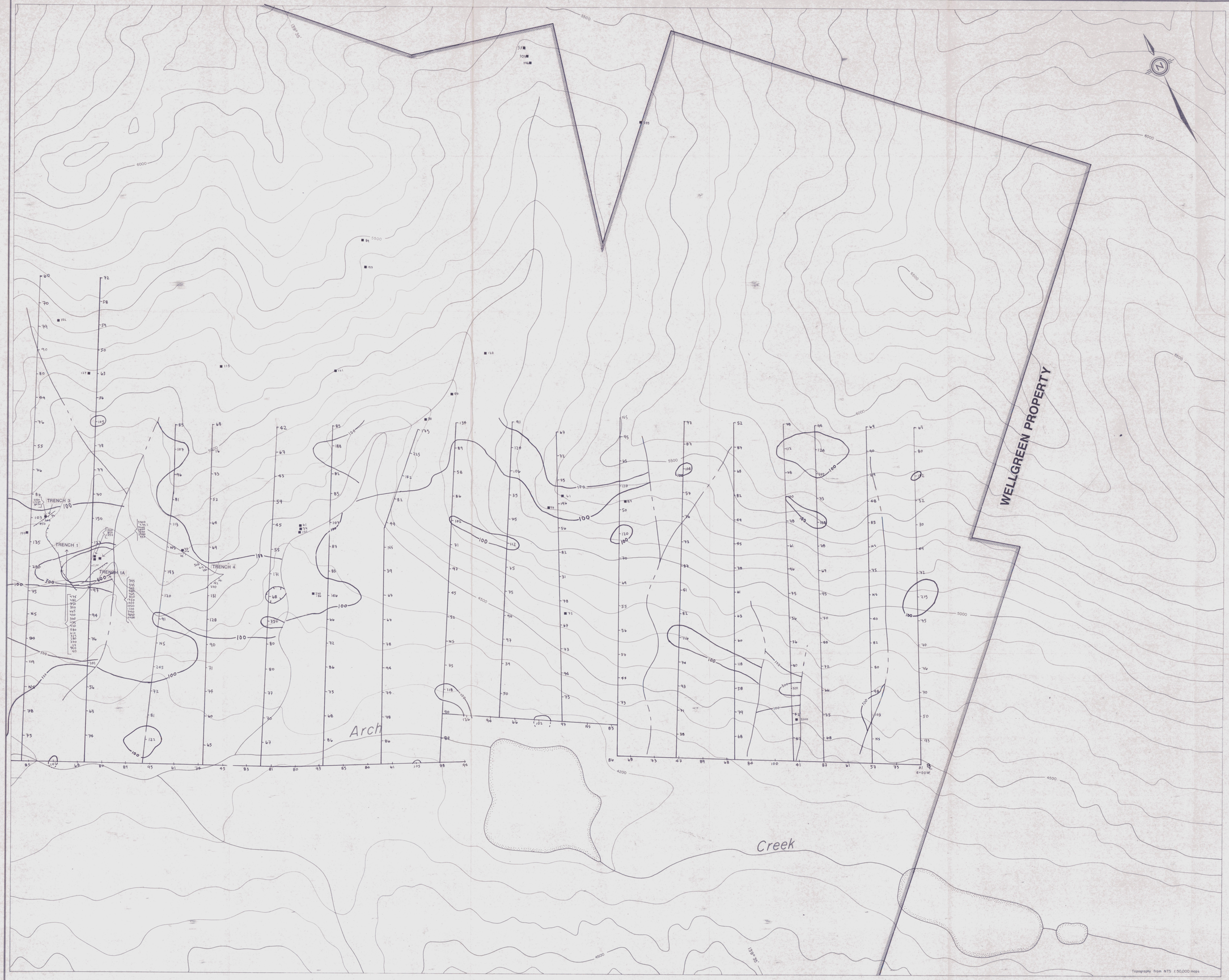
WEST

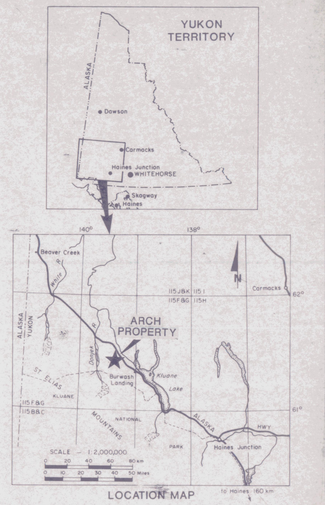
SCALE 1:2500

0 25 50 100 150 200 m

(1103)

To accompany report dated DECEMBER 1987





LEGEND

- 100 — contour intervals at 100, 300, 600 ppm
- 25 soil sample location with Cu in ppm
- 250 rock sample location with Cu in ppm
- trench
- Arch Property

Figure 15

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

COPPER GEOCHEMISTRY

ARCH PROPERTY

KLUANE RANGE, YUKON

PAK-MAN RESOURCES LTD.
ROCKRIDGE MINING CORPORATION
& KLUANE JOINT VENTURE

092007

EAST

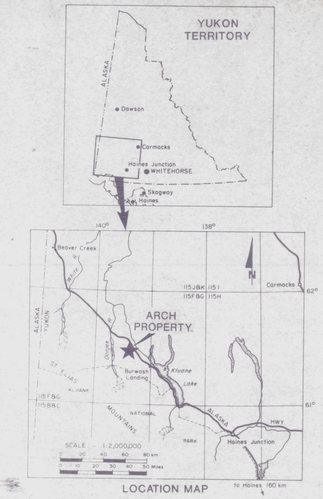
SCALE 1:2500

0 25 50 100 150 200 m

Topography from NTS 1:50,000 maps

(1107)

To accompany report dated DECEMBER 1987



LOCATION MAP

LEGEND

- 100 — contour intervals at 100, 300, 600 ppm
- – 25 soil sample location with Cu in ppm
- • 25 soil sample location with Cu in ppm
- ■ 250 rock sample location with Cu in ppm
- x 25 silt sample location with Cu in ppm
- trench
- Arch Property

Figure 16

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

COPPER GEOCHEMISTRY

ARCH PROPERTY

KLUANE RANGE, YUKON

PAK-MAN RESOURCES LTD.
ROCKRIDGE MINING CORPORATION
& KLUANE JOINT VENTURE

092007

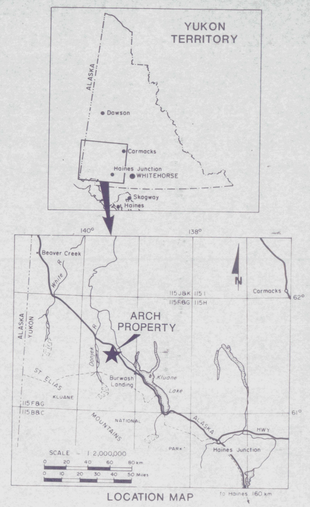
CENTRAL

SCALE 1:2500

0 25 50 100 150 200 m

(165)

To accompany report dated DECEMBER 1987



LEGEND

- 100 — contour intervals at 100, 300, 600 ppm
- 25 — soil sample location with Cu in ppm
- 25 — soil sample location with Cu in ppm (off grid)
- 250 — rock sample location with Cu in ppm
- Arch Property

Figure 17

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

COPPER GEOCHEMISTRY

ARCH PROPERTY
KLUANE RANGE, YUKON

PAK-MAN RESOURCES LTD.
ROCKRIDGE MINING CORPORATION
& KLUANE JOINT VENTURE

092007

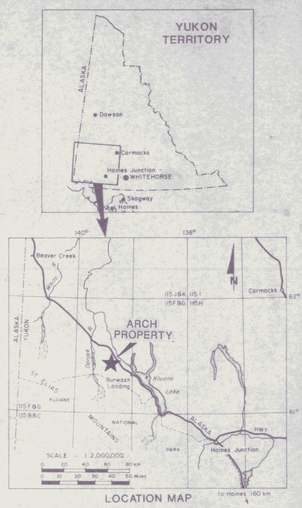
WEST

SCALE 1:2500

0 25 50 100 150 200 m

(106)

To accompany report dated DECEMBER 1987



LOCATION MAP

WELLGREEN PROPERTY

Arch Creek

TRENCH 3
TRENCH 1
TRENCH 1A
TRENCH 2

Topography from NTS 1:50,000 maps

LEGEND

- 100 — contour intervals at 100, 300 and 600 ppm
- 25 — soil sample location with Ni in ppm
- ■ 250 — rock sample location with Ni in ppm
- trench
- Arch Property

Figure 18

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

NICKEL GEOCHEMISTRY

ARCH PROPERTY

KLUANE RANGE, YUKON

PAK-MAN RESOURCES LTD.
ROCKRIDGE MINING CORPORATION
& KLUANE JOINT VENTURE

092007

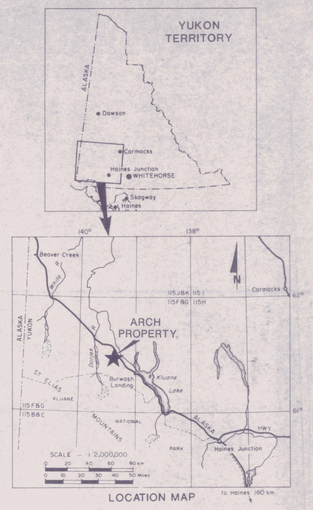
EAST

SCALE 1:2500

0 25 50 100 150 200 m

(1107)

To accompany report dated DECEMBER 1987



LEGEND

- 190 — contour intervals at 100, 300 and 600 ppm
- 35 soil sample location with Ni in ppm
- 35 soil sample location with Ni in ppm (off grid)
- 150 rock sample location with Ni in ppm
- x 25 silt sample location with Ni in ppm
- trench
- Arch Property

Figure 19

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

NICKEL GEOCHEMISTRY

ARCH PROPERTY

KLUANE RANGE, YUKON

PAK-MAN RESOURCES LTD.
ROCKRIDGE MINING CORPORATION
& KLUANE JOINT VENTURE

092007

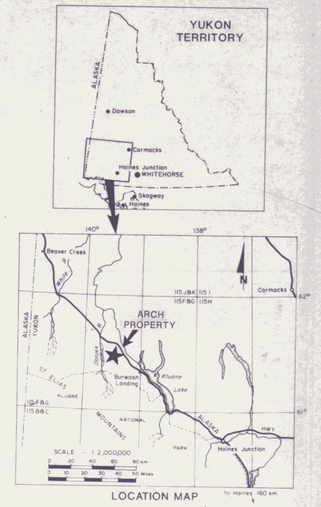
CENTRAL

SCALE 1:2500

0 25 50 100 150 200 m

(1108)

To accompany report dated DECEMBER 1987



LOCATION MAP

LEGEND

- 25 — contour intervals at 25, 50, 100 and 250
- 25 — soil sample location with Ni in ppb
- 25 — soil sample location with Ni in ppb (off grid)
- 250 — rock sample location with Ni in ppb
- Arch Property

Figure 20

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

NICKEL GEOCHEMISTRY

ARCH PROPERTY

KLUANE RANGE, YUKON

PAK-MAN RESOURCES LTD.
ROCKRIDGE MINING CORPORATION
& KLUANE JOINT VENTURE

092007

WEST

SCALE 1:2500

0 25 50 100 150 200 m

1109

Topography from NTS 1:50,000 maps

To accompany report dated DECEMBER 1987

WELLGREEN PROPERTY

TRENCH 3

TRENCH 1

TRENCH 4

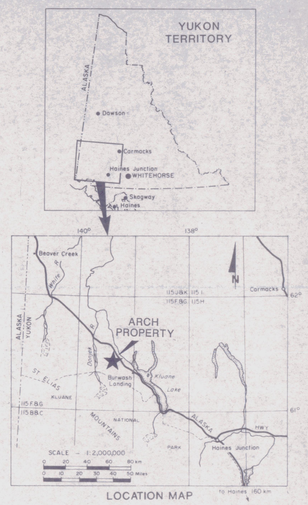
TRENCH 1A

Arch

Creek

6+00W

Topography from NTS 1:50,000 maps



LOCATION MAP

LEGEND

- 25 — contour intervals at 25, 50, 100 and 250 ppb
- 25 soil sample location with Au in ppb
- ■ 250 rock sample location with Au in ppb
- trench
- Arch Property

Figure 21

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GOLD GEOCHEMISTRY

ARCH PROPERTY

KLUANE RANGE, YUKON

PAK-MAN RESOURCES LTD.
ROCKRIDGE MINING CORPORATION
& KLUANE JOINT VENTURE

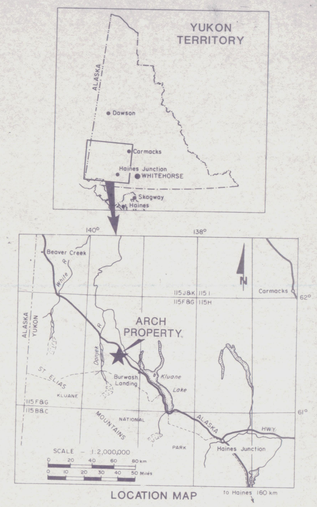
092007

EAST

SCALE 1:2500

0 25 50 100 150 200 m

To accompany report dated DECEMBER 1987



LEGEND

- 25 —— contour intervals at 25, 50, 100 and 250 ppb
- ~ 25 soil sample location with Au in ppb
- ● 25 soil sample location with Au in ppb (off grid)
- ■ 250 rock sample location with Au in ppb
- X 25 silt sample location with Au in ppb
- trench
- Arch Property

Figure 22

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GOLD GEOCHEMISTRY

ARCH PROPERTY

KLUANE RANGE, YUKON

092007

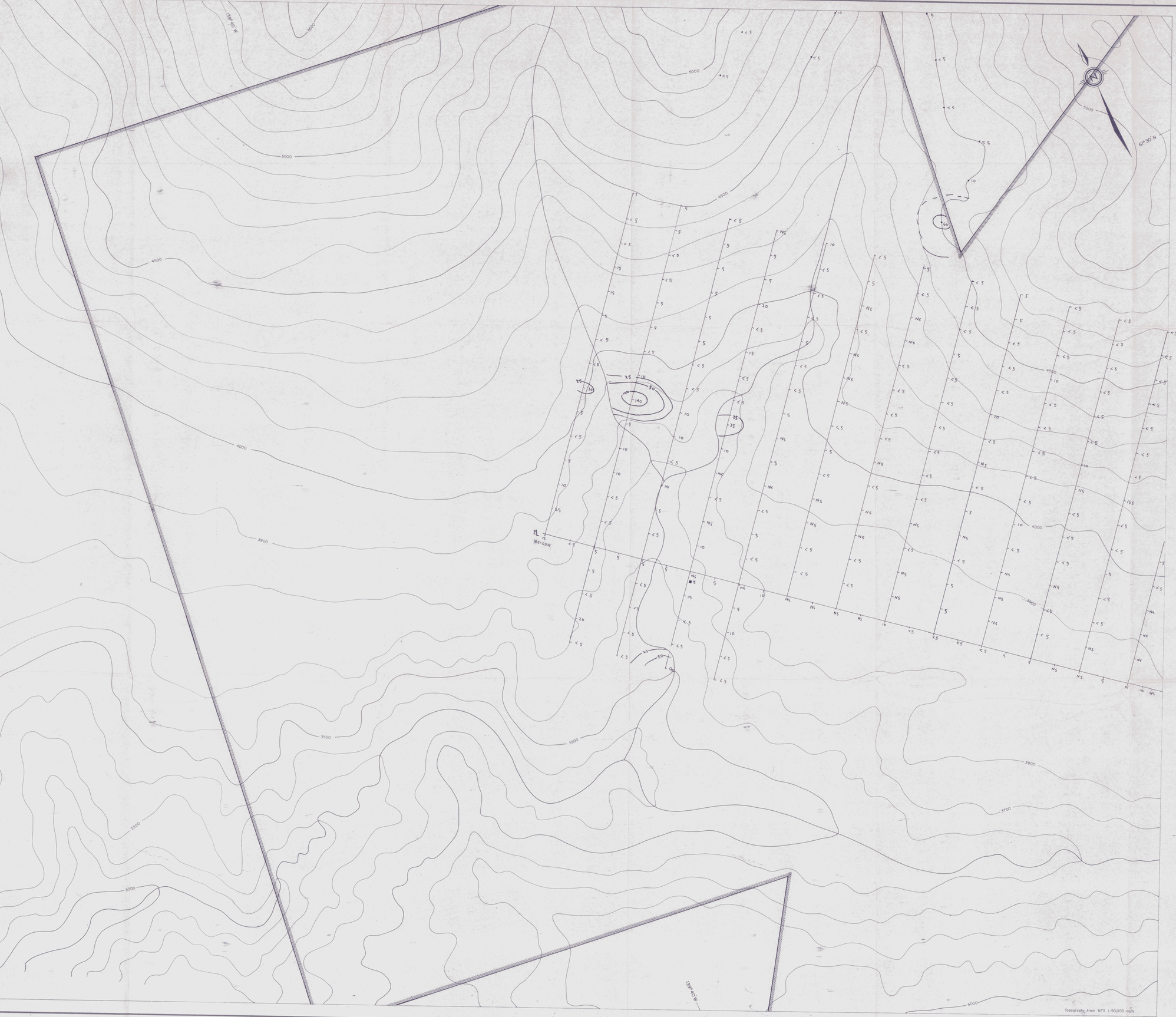
PAK-MAN RESOURCES LTD.
ROCKRIDGE MINING CORPORATION
& KLUANE JOINT VENTURE

CENTRAL

SCALE 1:2500

0 25 50 100 150 200 m

To accompany report dated DECEMBER 1987



LOCATION MAP

LEGEND

- 2.5 —— contour intervals at 25, 50, 100 and 250 ppb
- 2.5 soil sample location with Au in ppb
- ● 2.5 soil sample location with Au in ppb (off grid)
- ■ 2.50 rock sample location with Au in ppb
- Arch Property

Figure 23

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GOLD GEOCHEMISTRY

ARCH PROPERTY

KLUANE RANGE, YUKON

PAK-MAN RESOURCES LTD.
ROCKRIDGE MINING CORPORATION
& KLUANE JOINT VENTURE

092007

WEST

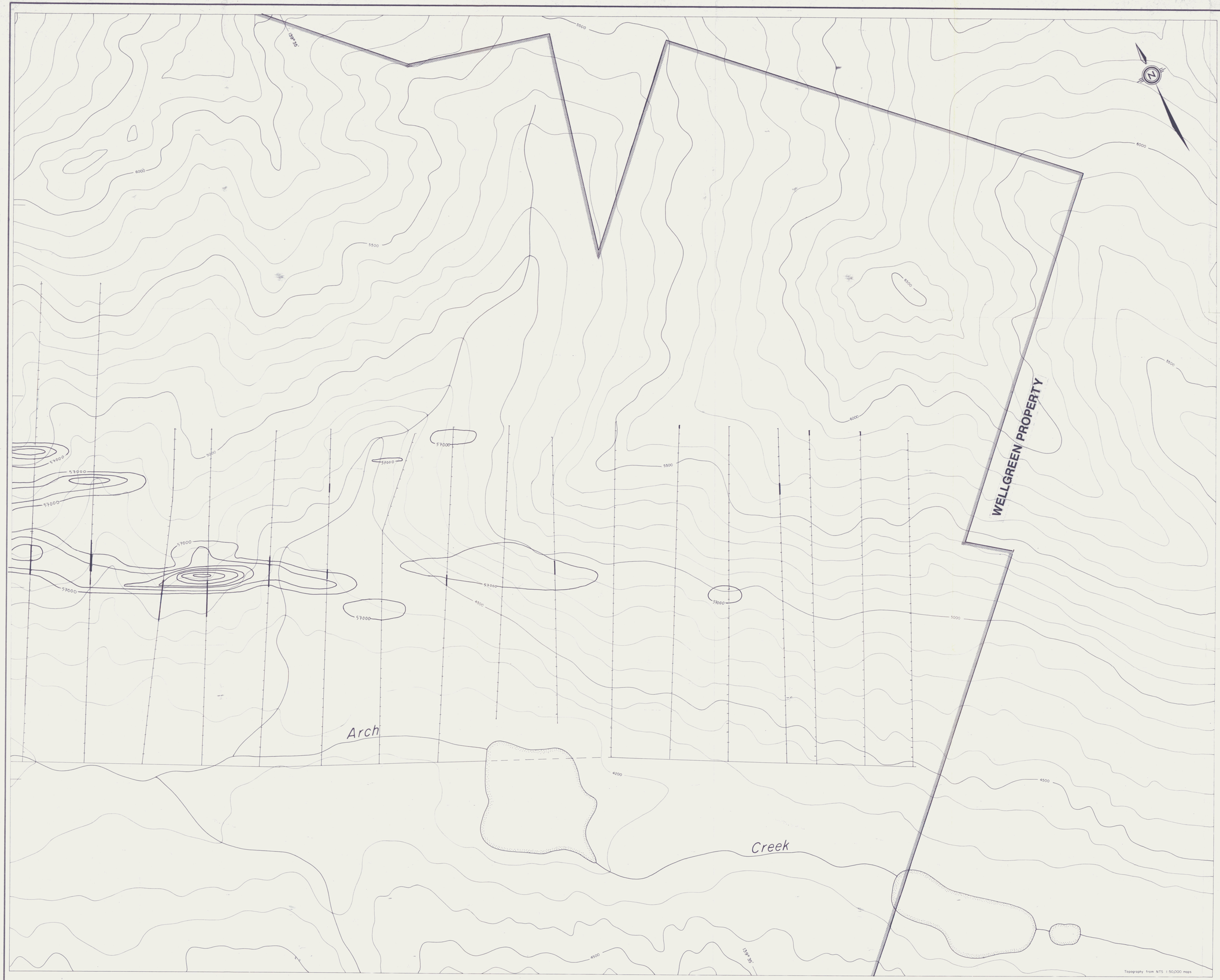
SCALE 1:2500

0 25 50 100 150 200 m

1112

Topography from NTS 1:50,000 maps

To accompany report dated DECEMBER 1987



LOCATION MAP

LEGEND

VLF anomaly (weak, moderate, strong)

57000 magnetic response (in nanoteslas)

Arch Property)

Figure 24

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GEOPHYSICAL COMPILATION

ARCH PROPERTY
KLUANE RANGE, YUKON

PAK-MAN RESOURCES LTD.
ROCKRIDGE MINING CORPORATION
& KLUANE JOINT VENTURE

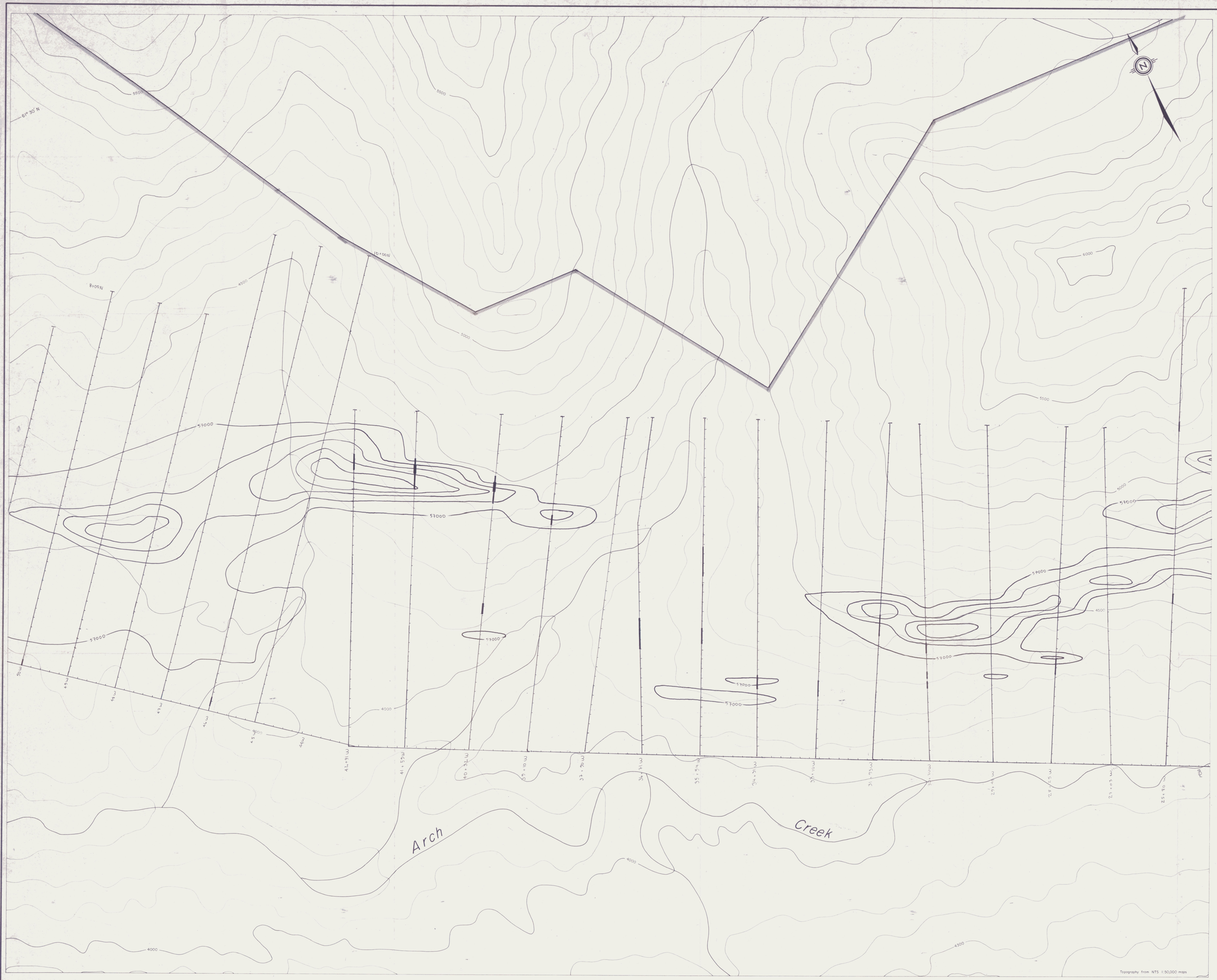
EAST

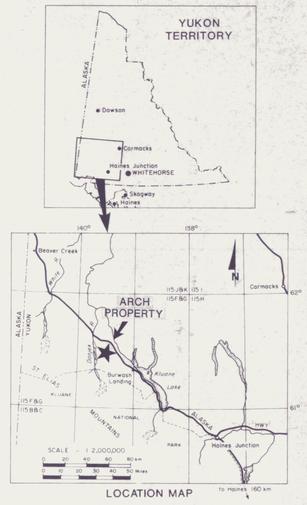
092 0 07

SCALE 1:2500

0 25 50 100 150 200 m

113





LOCATION MAP

LEGEND

VLF anomaly (weak, moderate, strong)
57000 magnetic response (in nanoteslas)
Arch Property

Figure 25

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GEOPHYSICAL COMPILATION

ARCH PROPERTY
KLUANE RANGE, YUKON

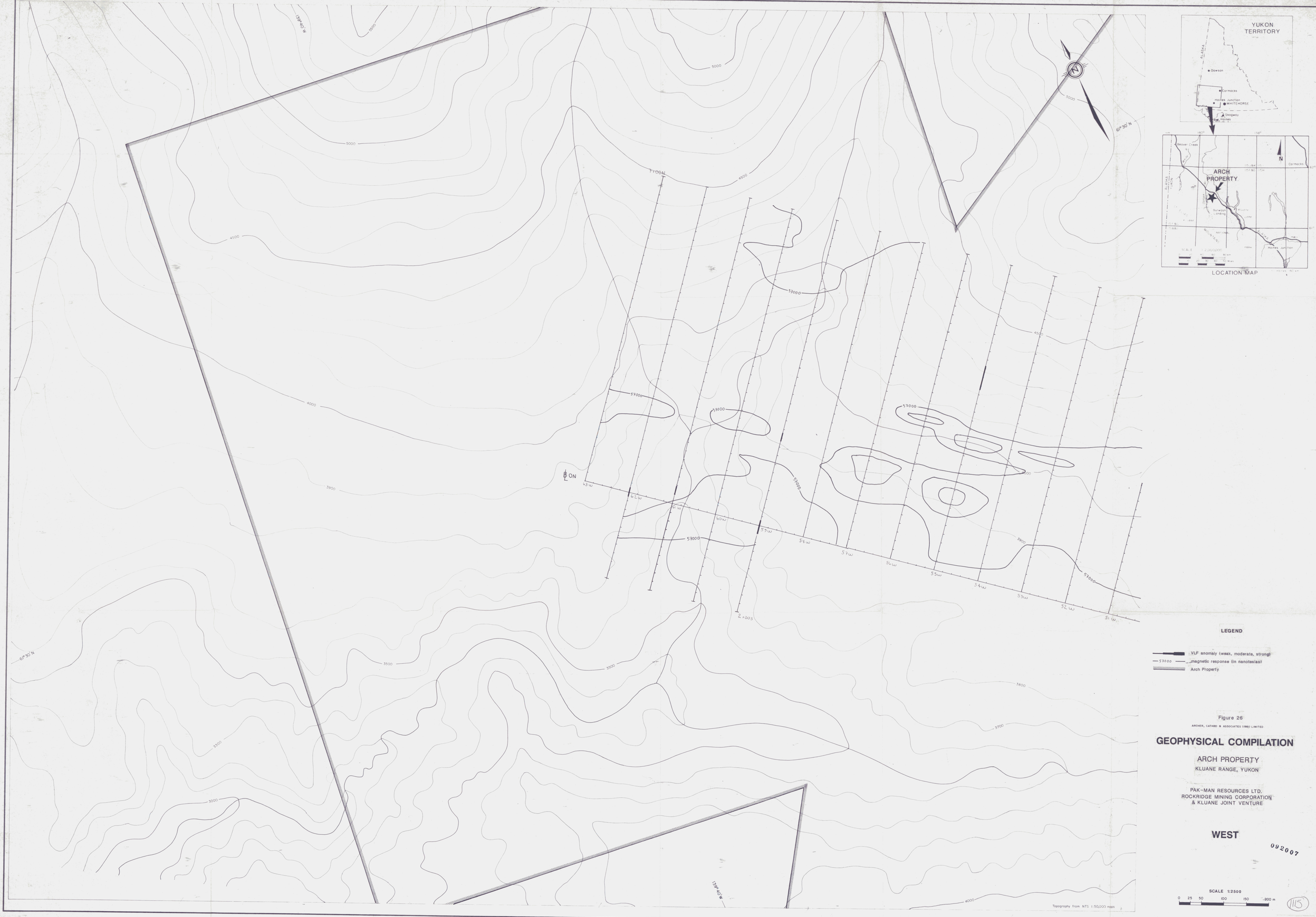
PAK-MAN RESOURCES LTD.
ROCKRIDGE MINING CORPORATION
& KLUANE JOINT VENTURE

CENTRAL

092007

SCALE 1:2500
0 25 50 100 150 200 m

1114


139°40'W
5500
5000
4500
4000
3900
3500
3100
3000
61°30'N
7100N
7000N
6900N
6800N
6700N
6600N
6500N
6400N
6300N
6200N
6100N
6000N
5900N
5800N
5700N
5600N
5500N
5400N
5300N
5200N
5100N
5000N
4900N
4800N
4700N
4600N
4500N
4400N
4300N
4200N
4100N
4000N
3900N
3800N
3700N
3600N
3500N
3400N
3300N
3200N
3100N
3000N
2900N
2800N
2700N
2600N
2500N
2400N
2300N
2200N
2100N
2000N
1900N
1800N
1700N
1600N
1500N
1400N
1300N
1200N
1100N
1000N
900N
800N
700N
600N
500N
400N
300N
200N
100N
0N
100W
200W
300W
400W
500W
600W
700W
800W
900W
1000W
1100W
1200W
1300W
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2200W
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2600W
2700W
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3000W
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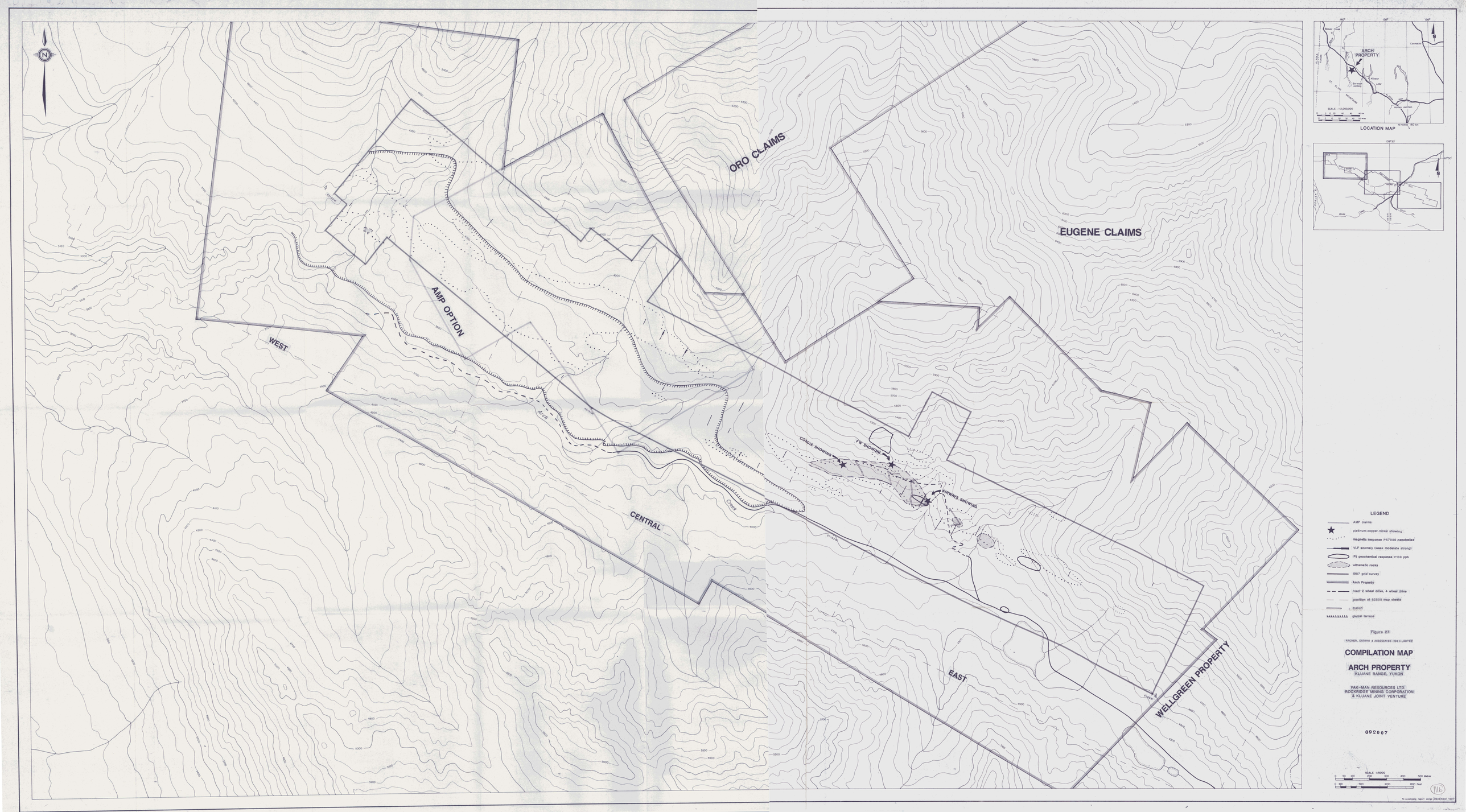
57000
57000


ORO CLAIMS
EUGENE CLAIMS
AMP OPTION
WEST
CENTRAL
EAST
WELLGREEN PROPERTY
Arch Creek
CONNIE SHOWING
FW SHOWING
AIRWAYS SHOWING
ARCH PROPERTY
LOCATION MAP
LEGEND
AMP claims
platinum-copper-nickel showing
magnetic response >57000 nanoteslas
VLF anomaly tweak moderate strong
Pt geochemical response >100 ppb
ultramafic rocks
1987 grid survey
Arch Property
road-2 wheel drive, 4 wheel drive
position of 52500 map sheets
trench
glacial terrace
Figure 27
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
COMPILATION MAP
ARCH PROPERTY
KLUANE RANGE, YUKON
PAK-MAN RESOURCES LTD.
ROCKRIDGE MINING CORPORATION
& KLUANE JOINT VENTURE
092007
SCALE 1:5000
To accompany report dated December 1987

APPENDIX

RESULTS OF VLF-EM AND PROTON GRADIOMETER SURVEY

092007