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SOIL AND ROCK GEOCHEMICAL AND GEOLOGICAL INVESTIGATION MERIT ET AL. MINERAL CLAIMS SLOCAN MINING DIVISION McGUIGAN CREEK, ZINCTON, B.C. NTS 82 K/3 E LATITUDE 50°01'N, LONGITUDE 117°13'W

Prepared for

TROVE RESOURCES LTD.

ARCTEX ENGINEERING SERVICES

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August 4, 1987

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Province of British Columbia Ministry of Energy, Mines and Petroleum Resources

ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S)	TOTAL COST
Soil, Rock Geochemical Geological	$26400.57

AUTHOR(S) L.C. Goldsmith, Paul Kallock SIGNATURE(S) L.C. Goldsmith, Paul Kallock

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED August 13, 1987 YEAR OF WORK 1987

PROPERTY NAME(S) Merit, Rich, Merit Centre, Kane, Mccan, Trove, Merit N, Famous Fr.

COMMODITIES PRESENT

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN

MINING DIVISION Slocan NTS 82K 3E

LATITUDE 50°01'N LONGITUDE 117°13'W

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]:

Merit N, 4159(11); Merit, 4144(10); Merit Centre, 4100(11); Kane, 4460(9); Rich, 4287(9); Famous Fr, 4461(9); Mccan, 4224(2); Trove, 5167(1)

OWNER(S)

(1) Trove Resources Ltd (2)

MAILING ADDRESS

705-543 Granville St
Vancouver, B.C.

OPERATOR(S) (that is, Company paying for the work)

(1) L.C. Goldsmith (2)

MAILING ADDRESS

301-1855 Balsam St
Vancouver, B.C.

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):

Clastic and carbonate sediments of the upper Jurassic to lower Jurassic Slocan Group are cut by granitic sills and dykes. Bedding and foliation trend northwesterly and dip in varying attitudes. Related to position on northwesterly plunging axis of recumbent fold limbs. Silver geochemical anomalies in soils have not yet been explained.

REFERENCES TO PREVIOUS WORK See References Page in Report

(over)

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SOIL AND ROCK GEOCHEMICAL AND GEOLOGICAL INVESTIGATION MERIT ET AL. MINERAL CLAIMS SLOCAN MINING DIVISION MCGUIGAN CREEK, ZINCTON, B.C.

SUMMARY

The Merit mineral claim group consists of seven claims and a fractional claim, totalling 17.5 units or approximately 437.5 hectares. The claims are located in the vicinity of Seaton and McGuigan Creeks near the abandoned mining camp of Zincton, B.C. The nearest commercial centre is New Denver, B.C., 13 km to the west. During July 1987, broad-spaced soil geochemical sampling and geochemical sampling were carried out on two of the claims while more detailed sampling and mapping were undertaken on parts of three other claims. A total of 575 soil samples on 21.65 km of grid line was collected. Two areas of the soil survey contain anomalous silver values. They are underlain by argillite, phyllite, and limestone of the upper Triassic-lower Jurassic Slocan Group. Dozer trenching was also undertaken on eastern Merit and Rich claims where previous soil sampling had revealed anomalous silver. Quartz-pyrite veins hosted in calcareous siltstones and slaty argillite which have been intruded by pyritiferous granitic dykes and sills have been exposed in several of the bulldozer excavations. Additional detailed geological mapping, rock and/or soil geochemical sampling are to be undertaken over the new soil anomalies and in the dozer trench area. Results will be documented in a later report. Trenching and/or diamond drilling may be warranted at a cost of $105,400.00.

INTRODUCTION

The property is located approximately 1.5 km south of the formerly productive Lucky Jim mine at Zincton in southeastern British Columbia. Highway 31A, which joins the towns of New Denver and Kaslo, crosses the west-central portion of the claims. The nearest centre of population where basic services can be obtained is New Denver, some 13 km to the west. A dirt road which departs southerly from Highway 31A some 1.5 km west of Zincton and ascends the east side of the valley of McGuigan Creek provides access to the Kate, Merit Center and Merit M claims and to the southwest corner of the Merit claim. A new road provides access to the Rich claim. The Famous Fraction claim is reached by foot. Highway 31A passes through the Trove claim. The Megan claim is situated on the steep slopes to the north of Highway 31A. Elevations range from 1975 m (3200') on the highway to 2100 m (6900') in the east portion of the Rich claim.

Claim Name	*Units*	*Record Number*	*Recording Date*
Merit M	4	4159(11)	Nov. 29, 1983
Merit	4	4144(10)	Oct. 31, 1983
Merit Center	4	4160(11)	Nov. 29, 1983
Kate	4	4480(9)	Sept. 4, 1984
Rich	2	4787(9)	Sept. 3, 1985
Famous Fraction	<1	4481(9)	Sept. 4, 1984
Megan	2	4224(2)	Feb. 14, 1984
Trove	4	5167(1)	Jan. 5, 1987

Total land holding is 24 units and one very small fraction, amounting to some 600 hectares less approximately 6.5 units (162.5 hectares) in pre-existing bounding claims, for a net of 17.5 units in 437.5 hectares. Various claim posts and boundaries were observed. The claims are situated in the Slocan Mining Division, NTS Map Sheet 82 K/3 E.

History of production in the surrounding area was reviewed in a recent report (Tully, 1984) and is not repeated herein.

Geological mapping and soil geochemical sampling have been conducted on the property in 1985 and 1986. The 1987 programme included additional mapping and sampling in anomalous areas which were detected during the previous surveys. Extensive sampling was also

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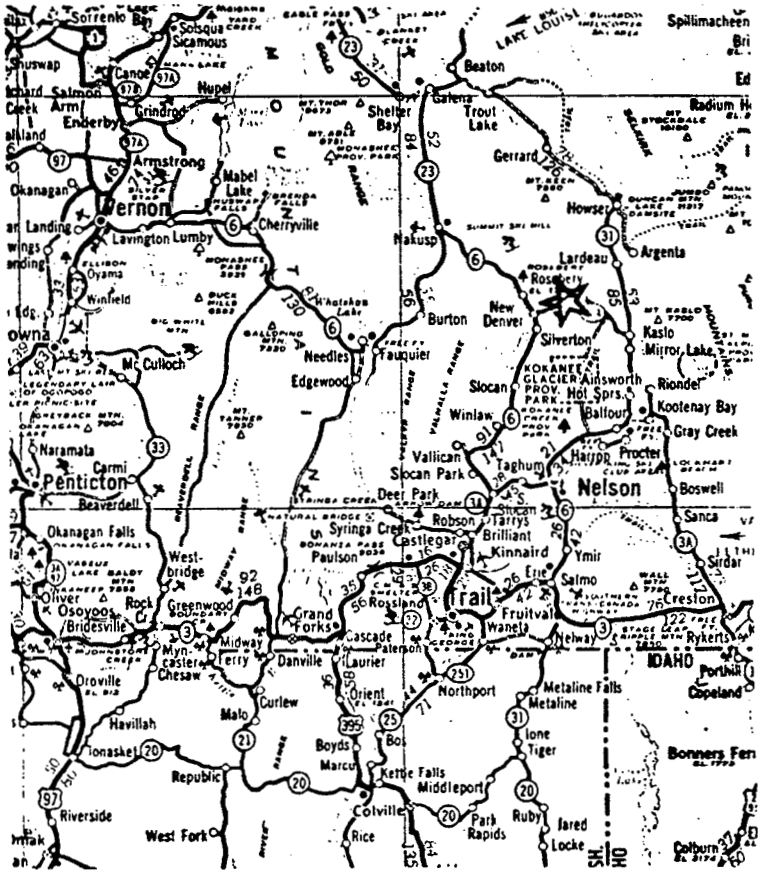
MERIT CLAIM GROUP

ZINCTON B.C. SLOCAN M.D. 82K/3E



PROPERTY LOCATION MAP

REGISTERED PROFESSIONAL ENGINEER
PROVINCE OF ONTARIO

ARCTEX ENGINEERING SERVICES

Locke B. Goldsmith, P.Eng.
Consulting Geologist

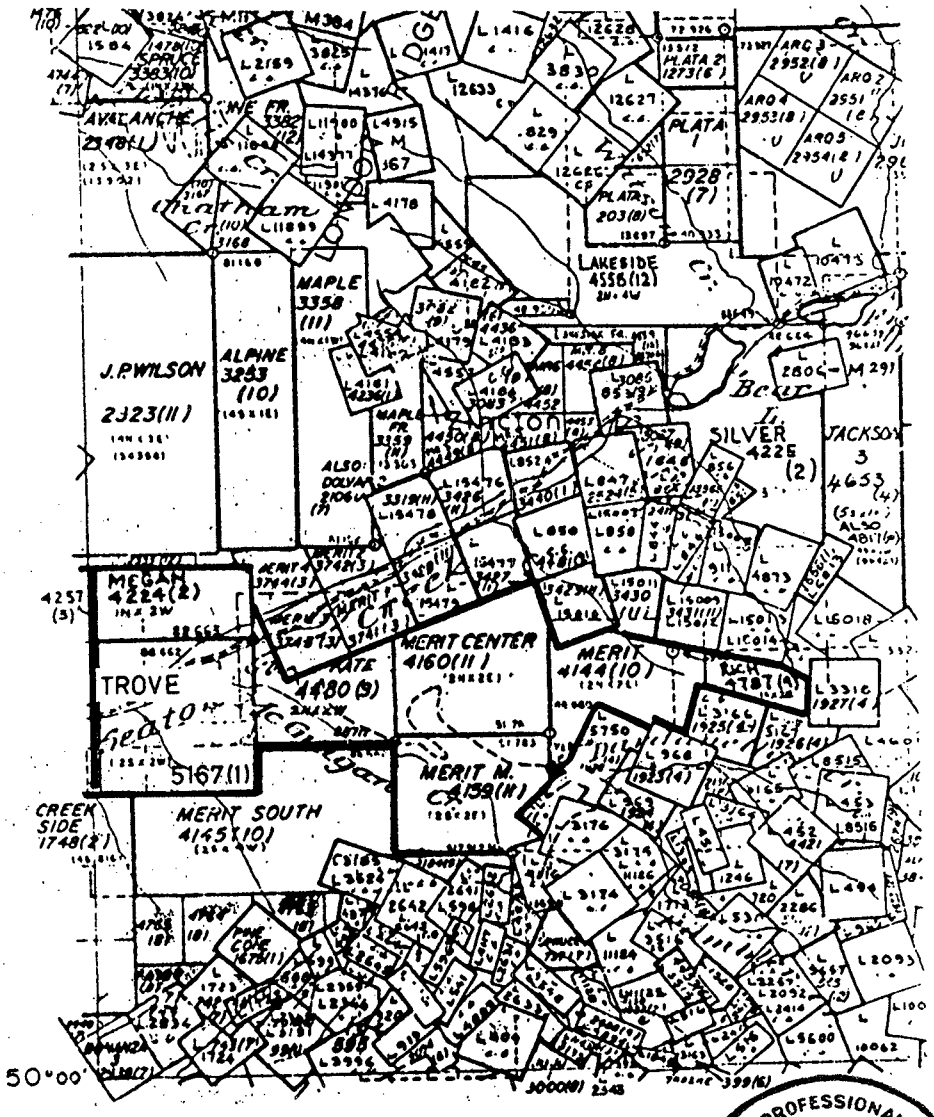
Paul Kallock
Consulting Geologist

August 1987

TROVE RESOURCES LTD.

MERIT CLAIM GROUP

ZINCTON B.C. SLOCAN M.D. 82K/3E



Claim Map

REGISTERED PROFESSIONAL ENGINEER
PROVINCE OF ONTARIO

TO ACCOMPANY REPORT BY

LOCKE B. GOLDSMITH, P. Eng.
CONSULTING GEOLOGIST

PAUL KALLOCK
CONSULTING GEOLOGIST

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Scale
0 500 1000
metres
1 : 50,000

ARCTEX ENGINEERING SERVICES JULY 1987

carried out at the Merit M and Trove claims. Dozer trenching with geological mapping was undertaken at the Merit and Rich claims.

Trove Resources Ltd. has spent $65,287.24 on exploration to date. Former operators conducted work on the Merit M claim ($1646.03) and Trove (formerly Merit West) claim (±$8000.00) for a total of approximately $9650.00. Staking, acquisiiton, and option payments made by Trove Resources Ltd. amount to $25,545.00 cash and $7500.00 in stock. The above items represent a total direct expenditure of $107,982.24 on the property.

GEOLOGY

Rocks exposed within the claims and in the surrounding area belong to the upper Triassic to lower Jurassic Slocan Group, a suite of argillite, phyllite, quartzite and limestone, with occasional tuffaceous horizons. Granitic dykes, sills and stocks of variable composition are emplaced into all older strata. A more detailed description of the individual claims surveyed during 1987 follows.

Trove Mineral Claim

The Trove mineral claim (formerly the Merit West claim) straddles Highway 31A and Seaton Creek. The survey grid area covers the slopes on the south side of Seaton and McGuigan creeks which also encompasses part of the Kate and Merit South mineral claims. Part of the old K&S Railroad grade bisects the Trove claim.

Metasedimentary rocks which belong to the upper Triassic-lower Jurassic Slocan Group are the most abundant rock types found on the claim. They included grey to black argillite and slaty argillite, and lesser phyllite. At one location near the middle of the claim banded light grey and black argillites have been metamorphosed to resemble a stretched pebble conglomerate.

The metasediments display a northwest strike and a moderate to steep southwest dip of foliation. In a few locations bedding was seen to parallel the foliation. And at one location (25+00W 2+20N) graded bedding revealed that the beds were overturned. Folds were not observed.

Granitic dykes or sills were noted at 24+00W 1+50N and at 21+50W 8+20N. Large (greater than 4 m thick) granitic sills also intrude argillite along the lower reaches of McGuigan Creek.

Kate and Merit South Claims

A small grid area was surveyed at the southern Kate claim to focus on anomalous silver in soils detected in 1985 (Goldsmith, 1985). The Kate/Merit South claim line was found and measurements from a prominent tributary of McGuigan Creek has lead to a refinement of the location of the previous grid and claim boundaries as shown on the maps included in the pocket of this report.

West- to northwest-trending argillite underlies the grid area. Bedding dips moderately to the south. As at the Trove claim, granitic dykes are also present.

Merit Center Claim

East-west trending, moderately southward dipping argillite was seen at the Merit Center grid area. Outcrops are small and sparse due to a relatively thin veneer of overburden and abundant vegetation.

Merit M Claim

Black argillite, slate and shale with lesser siltstone and phyllite are most abundant at the Merit M claim. Limestone is present in sub-horizontal beds near the road at 1+00N 5+00N and in folded beds along Dardanelles Creek at 1+00S 3+00W. A biotite granodiorite dyke was seen at 1+00S 2+00W.

Generally the metasediments trend northwesterly, however folding and faulting have disrupted the beds in several localities. At 1+25S 2+25W a recumbent anticlinal fold plunges gently to the northwest. Slightly upstream, the folded area has been faulted and beds have been greatly distorted. Faulting along bedding planes was seen at 0+50S 7+00W indicating normal dip-slip movement.

Western Merit Claim

A detailed grid was established in the western part of Merit claim. Occasional outcrops of argillite were found. Beds dip steeply to the southwest. At 4+50N 2+25E dark grey limestone with interbedded argillite was seen which trends northwesterly as nearly vertical beds.

Old exploration pits and trenches are present near 4+00N 1+75E. Argillite hosts a 1.0 m quartz vein in one of the pits.

Rich and Eastern Merit Claims

In 1986 a detailed soil and rock geochemical sampling programme was conducted in the eastern part of the Merit and the Rich claims. During the 1987 exploration programme a Caterpillar D6D bulldozer was used to excavate across areas of anomalous silver in soils which had been obtained in the 1986 survey. From 6+25N 13+00E to 7+50N 7+50E, 1.35 km of dozer road trenching was undertaken. In addition, over 1.0 km of road from the Dardanelles drainage basin was constructed to gain access to the area. A 1:1250 scale map of the road-trench area is included in the pocket of this report.

The accompanying geology map shows that the detailed grid area is underlain primarily by slaty argillite of the Slocan Group. The metasediments trend northwesterly but have been folded and faulted, and dips of bedding vary from horizontal to vertical.

Limestone is interbedded with the argillite. Near the surface it weathers to a black, soft, carbonaceous rock. Width of beds varies from a few centimetres to several metres. Fist-size limestone balls or lenses were also seen within the argillite.

Cross-cutting and parallel dykes and sills of fine- to medium-grained granite intrude the metasediments between 13+00E and 10+50E. The dozer roads have clearly exposed the same dykes along several switchbacks. These intrusives range from 0.1 to 1.5 m in width. They are composed of abundant fine-grained quartz and lesser feldspar. Mafic minerals are not common. Pyrite is ubiquitous, accounting for 3-5% of the rock. Attitude of the dykes ranges from horizontal to near vertical.

MINERALIZATION AND ROCK GEOCHEMISTRY

Trove Claim

Sulphide mineralization was seen in black argillite at the old adit portal at 3+90N 29+80W. Two to three percent disseminated pyrite and intense brown limonite occur along numerous parallel fractures which trend N70°W 50-55°N. A 1.0 m chip sample across 8 of these fractures contained 2 ppm Pb, 860 ppm Zn, 0.4 ppm Ag, and <5 ppb Au. The adit is more

than 12 m long. Fallen timbers beyond 5.5 m from the portal prohibit further examination. The adit appeared to be driven along the zone of strongest fracturing.

Approximately 30 m southeast of the adit a 3 m long pit or trench has been excavated in black shaly argillite which contains 2% fine-grained pyrite. Foliation of the argillite trends N75°W 52°S. A 2.0 m chip sample across the south face of the pit at 3+80N 29+50W contained 5 ppm Pb, 400 ppm Zn, 0.7 ppm Ag, and <5 ppb Au.

Phyllite and argillite in talus near 8+00N 24+90W contain irregular pyrite veinlets. Outcrops along the old railroad grade above this area displayed bull quartz veins. A rock sample of the talus float contained 117 ppm Pb, 63 ppm Zn, and 8.2 ppm Ag.

Kate and Merit South

Most outcrops in the Kate/Merit South grid area display irregular limonite or iron oxide staining. Near 4+50N 17+75W small patches of quartz with traces of disseminated pyrite were noted.

During ingress to the grid area a cobble of massive galena was seen in the creek which flows northward into McGuigan Creek at 4+50N 15+10W. Source of the galena must be toward the south in the steep north-facing slopes of the Merit South claim or possibly from the old St. Keverne Mine which lies above the Merit South at 1830 m (6000') elevation. It is noteworthy that in the early 1900s, 16 tons of silver-lead ore was shipped from the St. Keverne Mine which averaged 144 oz Ag/ton and 78% lead (Cairnes, 1935).

Merit Center

Minor disseminated pyrite was seen in argillite at 8+85N 7+25W. At 10+00N 6+80 to 6+95W black platy argillite outcrops show weak pyrite coatings on fractures. Toward the northeast, along line 10+50N, float cobbles of aplite or fine-grained granite were seen to contain minor quartz veins and disseminated pyrite.

Merit M Claim

Occasional quartz veins are present in argillite near the Dardanelles-McGuigan Creek confluence. The veins are vertical and strike northeasterly. Further to the east, near 1+25S 2+00W, quartz veins are concentrated on the footwall side of a northwest-trending fault. The

veins diminish 1-2 m from the fault. Slightly upstream a biotite granodiorite shows traces of disseminated pyrite.

In the north-central part of the claim, near 0+00 5+25W, outcrops of phyllite and calcareous siltstone protrude through the talus. These outcrops contain up to 2% disseminated pyrite and locally strong hematite and orange-brown limonite. No mine waste or contaminants were seen on the slopes above line 0+00 in this area.

Western Merit Claim

The old exploration pits and trenches near 4+00N 1+75E were sampled in 1985 and found to be relatively barren. No other quartz veins or sulphides were seen in outcrop in the grid area.

Near 3+00N 0+00E float cobbles of porous calcareous sandstone (?) with strong limonite were seen. A diligent search for similar material upslope toward the northeast did not locate mineralization in outcrop.

Rich and Eastern Merit Claims

Strong quartz and limonite-pyrite mineralization is present in at least four areas in the Rich/Merit detail grid area. These include 6+72N 12+40E, 7+10N 11+70E, 7+50N 11+75E, and 7+25N 10+50E. Each area is similar in that slaty argillite and/or limestone host quartz-limonite-pyrite veins near granitic dykes or sills. The granitic intrusions also contain disseminated pyrite and occasional quartz veinlets.

Elsewhere in the grid area, slates and argillites are iron-stained, and quartz veining is irregular and sporadic.

SOIL GEOCHEMISTRY

A total of 575 soil samples were analysed for silver, lead, and zinc. Analytical procedure is included in the Appendix. Soils were collected with a narrow, elongate spade from 30 to 45 cm below organic debris. Coverage was directed toward resampling three areas on the Kate, Merit Center and Merit claims where highly anomalous silver and zinc values had been obtained during the 1985 survey. Broader coverage was also undertaken at the Trove and Merit M claims.

The following table shows the results of lognormal probability graphs which are used to segregate populations of metal values and thus determine background, threshold, and anomalous values of silver, lead, and zinc in soils overlying Slocan Group rocks. These plots have been derived from years of cumulated data.

	Ag, ppm	*Pb, ppm*	*Zn, ppm*
Background	<2.3	<38	Possibly two populations
Threshold	2.3 to 4.9	38 to 150	
Anomalous	>4.9	>150	>980

Trove Mineral Claim

From the Trove claim grid area, 171 soil samples were collected. Values of lead range from 6 to 88 ppm, zinc ranges from 140 to 5000 ppm, and silver from 0.1 to 10.0 ppm.

No anomalous lead values were obtained. High geochemical levels which were reported previously (Verzosa, 1984) were not duplicated in the present work. Fifteen soil samples contained more than 980 ppm Zn. Two of the anomalous zinc samples occur below the old adit at 3+90N 29+80W. Zinc mineralization is probably present within the pyritiferous slaty argillites at this area.

The remaining anomalous zinc values are scattered in the southeast part of the Trove claim and adjoining Kate and Merit South claims. Iron-stained pyritiferous metasediments are also common in the area.

One anomalous silver value was acquired from soils at the east boundary of the grid area at 5+00N 20+00W. Here, 10.0 ppm silver is present along with 1000 ppm Zn. This sample lies within the Kate claim and is part of a broader anomalous silver zone as will be described in the following section.

Kate and Merit South Claims

In the Kate grid area south of McGuigan Creek, 44 soil samples were collected. Values of lead range from 12 to 91 ppm, zinc ranges from 123 to 2180 pm, and silver from 0.2 to 6.3 ppm.

No anomalous lead values are present in the soils. Thirteen soil samples contain over 980 ppm Zn. Five of those samples are clustered in the northwest part of the grid where anomalous silver is also present. Here, a group of five samples contains between 5.0 and 6.3 ppm silver. Black argillite is exposed in cliffs south of (above) these samples.

Merit Center Claim

In the Merit Center grid area, 122 soil samples were collected. Values of lead range from 1 to 65 ppm, zinc ranges from 78 to 4900 ppm, and silver from 0.1 to 4.9 ppm.

No anomalous lead values were encountered in the grid area. Ten samples contain over 980 ppm Zn, and one sample was anomalous in silver with 4.9 ppm.

The high zinc values are scattered across the entire grid area. The few outcrops which were mapped show argillite which trends west to northwest. Slope direction and drainage are also downward to the northwest.

Merit M Claim

One hundred and forty-two soil samples were collected from the Merit M grid area. Values of lead range from 7 to 3700 ppm, zinc ranges from 88 to 9000 ppm, and silver from 0.5 to 88.0 ppm.

Seven soil samples contain more than 150 ppm lead. Five of these samples are contiguous and are located on line 0+00. Anomalous values of zinc and silver are also present in these samples. At 0+00 5+50W soils contained 3700 ppm Pb, 5000 ppm Zn, and 88.0 ppm Ag. The area below this sample shows signs of past activity such as old cut stumps and an old pack trail. However no disturbance is seen above (northeast of) the sample until the road is reached at 1+00N 4+00W. No mine waste or ore which may have been dumped or lost was seen on these slopes.

At other locations anomalous samples may be attributed to contamination from roads or old workings. At 0+00 2+00W an old tram line may have dropped ore. At 2+00N 5+50W and 6+00W debris from the road may have fallen down the bank. Similar contamination may have occurred at 2+00N 9+50W and 1+00N 8+50W. At 4+00S 10+00W, 9000 ppm Zn was recovered near a stream. Contamination from mine workings to the southwest may have reached this area.

At 1+00S 3+00W, 6.8 ppm silver is present in soils. No contamination is expected in this area. Limestone and argillite outcrop in the creek to the southeast.

Western Merit Claim

In the western part of the Merit claim 96 soil samples were collected. Values of lead range from 5 to 120 ppm, zinc from 47 to 980 ppm, and silver from 0.1 to 8.8 ppm.

No anomalous lead values were received. One anomalous zinc value of 980 ppm was returned from the north-central part of the grid.

Five samples contain more than 4.9 ppm Ag. Three noncontiguous samples occur in the old exploration trench area. They cannot be tied to a particular mineralized vein or zone. Two samples along the baseline contain anomalous silver (>4.9 ppm). No source for such values was seen.

CONCLUSIONS

Extensive soil geochemical sampling and broad geological mapping indicate that several areas of the Trove claim group require more detailed geochemical sampling and geological mapping. Other areas appear less attractive as potential mineralized targets and do not warrant further exploration at this time.

A summary of the results from work on each claim are as follows.

Trove Claim

High zinc values are associated with pyritiferous black slaty argillite near the adit and pit area at 3+90N 29+80W. Northwest-trending fractures and small shears are not hosted in competent or brittle rock.

Scattered high zinc in soils is also present in the southeast part of the claim. These are not accompanied by anomalous silver. Zinc is attributed to high background levels inherent in the pyritiferous slate.

Kate Claim

The southwest corner of the Kate claim (depicted on the Trove and Kate grid maps) contains numerous soil samples with anomalous silver ranging from 4.9 to 10.0 ppm and zinc up to 2040 ppm. Outcrops of iron-stained slaty argillite are present in the area. Source of metals is unexplained.

Merit Center Claim

In the Merit Center grid area scattered anomalous zinc values were returned from the soil sampling. No particular source or definite target area can be delineated from the sparse outcrop area. Only one soil sample contained anomalous silver of 4.9 ppm. It was not accompanied by significant base metals.

Merit M Claim

Contamination from human activity along roads, old trails, tram lines and mine dumps has caused several apparent soil anomalies on the Merit M claim. Two areas which display high silver values that may not be caused by contamination occur on the north side of McGuigan and Dardanelles creeks.

On line 0+00 from 5+00 to 7+00W anomalous lead, zinc and silver values (up to 3700, 5000, and 88.0 ppm, respectively) are present in soils in an area where weakly pyritiferous phyllite and limestone are present.

A single soil anomaly of 6.8 ppm Ag at 1+00S 3+00W also remains to be fully explained.

Merit Claim - West Grid

In the western part of the Merit claim, detailed sampling over previously detected soil anomalies confirmed silver values up to 8.8 ppm. However, other anomalous soil samples are scattered and not accompanied by significant base metals. A single exploration target is not apparent.

Merit and Rich Claims

Dozer excavating in the areas of anomalous silver detected in the previous soil geochemical surveys was successful in expressing mineralized bedrock. Quartz-pyrite veins within limestone and slaty argillite, intruded by pyritiferous granitic dykes and sills, have been exposed in numerous dozer cuts. A source of metals is not yet apparent.

RECOMMENDATIONS

No additional work is recommended on the Trove, Merit Center or western part of the Merit claims at this time.

Detailed soil and rock geochemical sampling in addition to geological mapping is warranted at the southwestern part of the Kate claim. Similar methods should be used at the Merit M claim to explain or pinpoint the source of high lead, zinc and silver in soils on line 0+00. If results are favourable trenching to expose bedrock could begin. A dozer or backhoe could reach the Merit M grid area quite easily. However, pick and shovel trenching are more logical in the steep and relatively less accessible parts of the upper Kate claim.

Rock chip and soil samples will be collected from the Merit/Rich dozer trench area to aid in locating a source of metals. Although no lead, zinc or silver minerals were seen in outcrop, it is expected that these samples may help explain the anomalous soil values.

COST ESTIMATE

Phase 2

Detailed soil and rock geochemical sampling, geological mapping, and trenching.

Geological mapping	$ 2,500
Soil and rock geochemical sampling, hand trenching	3,000
Geochemical analyses	1,500
Dozer or backhoe trenching	4,000
Food and lodging	400
Transportation	600

Engineering and supervision	1,000	
Reporting	1,000	
	14,000	
Contingencies @ 10%	1,400	
Total, Phase 2	15,400	$ 15,400

Phase 3

Diamond drilling, one area, allow 250 m @ $120/m	35,000

Phase 4

Diamond drilling, possibly 2 areas, allow 500 m @ $120/m	55,000
Total, Phases 2, 3, and 4	$105,400

Results of Phase 2 should be compiled into an engineering report; continuance to Phase 3 should be contingent upon favourable conclusions and recommendations from an Engineer.

Respectfully submitted,

Paul Kallock

Locke B. Goldsmith, P.Eng.
Consulting Geologist

Paul Kallock
Consulting Geologist

Vancouver, B.C.
August 4, 1987

ENGINEER'S CERTIFICATE
LOCKE B. GOLDSMITH

1. I, Locke B. Goldsmith, am a registered Professional Engineer in the Province of Ontario and the Northwest Territories, and a Registered Professional Geologist in the State of Oregon. My address is 301, 1855 Balsam Street, Vancouver, B.C.
2. I have a B.Sc. (Honours) degree in Geology from Michigan Technological University, a M.Sc. degree in Geology from the University of British Columbia, and have done postgraduate study in Geology at Michigan Tech and the University of Nevada. I am a graduate of the Haileybury School of Mines, and am a Certified Mining Technician. I am a Member of the Society of Economic Geologists, the AIME, and the Australasian Institute of Mining and Metallurgy, and a Fellow of the Geological Association of Canada.
3. I have been engaged in mining exploration for the past 28 years.
4. I have authored the report entitled, "Soil and Rock Geochemical and Geological Investigation, Merit et al. Mineral Claims, Slocan Mining Division, McGuigan Creek, Zincton, B.C.", dated August 4, 1987. The report summarizes three of my previous reports which were based upon fieldwork and research supervised on the property by the author.
5. I have no ownership in the property, nor in the stocks of Trove Resources Ltd.
6. I consent to the use of this report in a prospectus, or in a statement of material facts related to the raising of funds.

Respectfully submitted,

Locke B. Goldsmith, P.Eng.
Consulting Geologist

Vancouver, B.C.
August 4, 1987

GEOLOGIST'S CERTIFICATE
PAUL KALLOCK

I, Paul Kallock, do state: that I am a Geologist with Arctex Engineering Services, 301 - 1855 Balsam Street, Vancouver, B.C.

I Further State That:

1. I have a B.Sc. degree in Geology from Washington State University, 1970. I am a Fellow of the Geological Association of Canada.
2. I have engaged in mineral exploration since 1970, both for major mining and exploration companies and as an independent geologist.
3. I have authored the report entitled, "Soil and Rock Geochemical and Geological Investigation, Merit et al. Mineral Claims, Slocan Mining Division, McGuigan Creek, Zincton, B.C." The report is based on my fieldwork carried out on the property and on previously accumulated geologic data.
4. I have no direct or indirect interest in any manner in either the property or securities of Trove Resources Ltd., or its affiliates, nor do I anticipate to receive any such interest.
5. I consent to the use of this report in a prospectus, or in a statement of material facts related to the raising of funds.

Paul Kallock
Geologist

Vancouver, B.C.
August 4, 1987

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COST STATEMENT, 1987 PROGRAMME

Wages:

L.B. Goldsmith, 1/2 June 23, 1/2 24 1/2 July 21, 1/2 22, 1/2 31, 1/2 August 2, 1/2 3, 4, total 4-1/2 days @ $400/day	$ 800	
P. Kallock, 1/4 June 15, 23, 24, 25, July 6, 7, 1/4 8, 9, 29, 30, 31, August 1, total 10-1/2 days @ $330/day	3,465	
A. Charest, June 23-25, July 6-10, August 2, total 9 days @ $230/day	2,070	
M. Beaupre, June 23-25, July 6-10, August 2, total 9 days @ $230/day	2,070	
P. Malkin, July 6-10, total 5 days @ $230/day	1,150	
G. Bennett, 1/2 June 23, 24, 1/2 29, July 2-8, total 9 days @ $230/day	2,070	
	12,625	$12,625.00

Accommodation, Food, Supplies:

$1,955.87 divided by 47 man days = $41.61/man/day		1,955.87

Transportation:

4x4 vehicles, 10 days @ $45/day	450.00	
1598 km @ $0.30/km	479.40	
Gas	133.50	
Air fare	104.80	
	1,167.70	
$1,167.70 divided by 10 days = $116.70/day		1,167.70

Analyses:

575 soil samples cost $3018.75 = $5.25/sample		3,018.75

Dozer Trenching:

D6D Cat, 51 hr @ $82.50/hr	4,156.50	
Lowered transport, 7 hr @ $65/hr	455.00	
	4,606.50	4,606.50

Report:

Drafting, photocopying, typing, materials		3,026.75
	TOTAL:	$26,400.57

APPENDIX

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

To: ARCTEX ENGINEERING

301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

A8718092

Comments: CC: PAUL KALLOCK CC: ARCTEX ENG. SERV.

CERTIFICATE A8718092

ARCTEX ENGINEERING
PROJECT : MERIT WEST
P.O.# : NONE

Samples submitted to our lab in Vancouver, BC.
This report was printed on 22-JUL-87.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	157	Dry, sieve -80 mesh: soil, sed.
203	1	Dry, sieve -35 mesh and ring

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
4	158	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	158	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
6	158	Ag ppm: HNO3-aqua regia digest	AAS-BKGD CORR	0.1	200

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PHONE (604) 984-0221

To : ARCTEX ENGINEERING

301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

Project : MERIT WEST
Comments: CC: PAUL KALLOCK CC: ARCTEX ENG. SERV.

Date : 30-JUL-87
Invoice # : I-8718093
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8718093

SAMPLE DESCRIPTION	PREP CODE		Pb ppm	Zn ppm	Ag ppm Aqua R	Au ppb FA+AA
3+80N 29+50W	205	--	5	400	0.7	< 5
3+90N 29+80W	205	--	2	860	0.4	< 5

CERTIFICATION : Hart Bichler

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

To : ARCTEX ENGINEERING

301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

Project : MERIT WEST
Comments: CC: ARCTEX, SILVERTON, BC CC: PAUL KALLOCK

Page No. : 1
Tot. Pages: 1
Date : 27-JUL-87
Invoice # : I-8718200
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8718200

SAMPLE DESCRIPTION	PREP CODE		Pb ppm	Zn ppm	Ag ppm Aqua R							
MW 8+00N 24+90W	205	--	117	63	8.2							

CERTIFICATION : Stewart Buchler

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

To: ARCTEX ENGINEERING

301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

A8718093

Comments: CC: PAUL KALLOCK CC: ARCTEX ENG. SERV.

CERTIFICATE A8718093

ARCTEX ENGINEERING
PROJECT : MERIT WEST
P.O.# : NONE

Samples submitted to our lab in Vancouver, BC.
This report was printed on 30-JUL-87.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	2	Rock & core: Ring

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
4	2	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	2	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
6	2	Ag ppm: HNO3-aqua regia digest	AAS-BKGD CORR	0.1	200
100	2	Au ppb: Fuse 10 g sample	FA-AAS	5	10000

Chemex Labs Ltd.
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BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To : ARCTEX ENGINEERING

301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

Project : MERIT M
Comments: CC: ARCTEX - SILVERTON, BC CC: PAUL KALLOCK

Date :27-JUL-87
Invoice # : I-8718231
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8718231

SAMPLE DESCRIPTION	PREP CODE		Pb ppm	Zn ppm	Ag ppm Aqua R
MS 0+00 0+00	201	---	21	460	2.7
MS 0+00 0+50W	201	---	23	430	2.5
MS 0+00 1+00W	201	---	20	830	1.8
MS 0+00 1+50W	201	---	37	335	1.7
MS 0+00 2+00W	201	---	620	1320	8.0
MS 0+00 2+50W	201	---	46	620	2.3
MS 0+00 3+00W	201	---	46	510	1.8
MS 0+00 3+50W	201	---	60	520	1.1
MS 0+00 4+00W	201	---	49	560	0.9
MS 0+00 4+50W	201	---	115	670	3.8
MS 0+00 5+00W	201	---	310	3800	9.0
MS 0+00 5+50W	201	---	3700	5000	88.0
MS 0+00 6+00W	201	---	2100	4750	45.0
MS 0+00 6+50W	201	---	270	850	5.0
MS 0+00 7+00W	201	---	580	2800	18.5
MS 0+00 7+50W	201	---	22	700	2.0
MS 0+00 8+00W	201	---	11	560	1.9
MS 0+00 8+50W	201	---	44	1000	2.4
MS 0+00 9+00W	201	---	15	212	2.2
MS 0+00 9+50W	201	---	9	102	0.7
MS 0+00 10+00W	201	---	17	188	0.8
MS 1+00N 0+00W	201	---	35	800	1.1
MS 1+00N 0+50W	201	---	38	660	4.0
MS 1+00N 1+00W	201	---	61	485	1.2
MS 1+00N 1+50W	201	---	24	930	3.9
MS 1+00N 2+00W	201	---	31	760	2.8
MS 1+00N 2+50W	201	---	35	250	1.3
MS 1+00N 3+00W	201	---	30	670	3.6
MS 1+00N 3+50W	201	---	46	550	2.6
MS 1+00N 4+00W	201	---	22	550	3.6
MS 1+00N 4+50W	201	---	23	470	0.8
MS 1+00N 5+00W	201	---	135	250	3.6
MS 1+00N 5+50W	201	---	46	325	0.7
MS 1+00N 6+00W	201	---	22	600	1.9
MS 1+00N 6+50W	201	---	28	480	0.8
MS 1+00N 7+00W	201	---	19	380	1.4
MS 1+00N 7+50W	201	---	25	465	2.3
MS 1+00N 7+90W	201	---	39	455	1.0
MS 1+00N 8+50W	201	---	27	2400	2.5
MS 1+00N 9+00W	201	---	16	1300	1.2

CERTIFICATION : Jan Bichler

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

To : ARCTEX ENGINEERING

301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

Project : MERIT M
Comments: CC: ARCTEX - SILVERTON, BC CC: PAUL KALLOCK

Date :27-JUL-87
Invoice # :I-8718231
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8718231

SAMPLE DESCRIPTION	PREP CODE		Pb ppm	Zn ppm	Ag ppm Aqua R
MS 1+00N 9+50W	201	--	44	760	2.0
MS 1+00N 10+00W	201	--	20	134	4.4
L 1+00S 1+00W	201	--	115	390	2.3
L 1+00S 1+50W	201	--	38	630	1.3
L 1+00S 2+00W	201	--	19	470	2.4
L 1+00S 2+50W	201	--	11	111	0.9
L 1+00S 3+00W	201	--	20	380	6.8
L 1+00S 3+50W	201	--	30	287	2.0
L 1+00S 4+00W	201	--	32	180	2.3
L 1+00S 4+50W	201	--	23	600	1.4
L 1+00S 5+00W	201	--	18	317	1.5
L 1+00S 5+50W	201	--	33	455	1.6
L 1+00S 6+00W	201	--	63	490	2.2
L 1+00S 7+00W	201	--	29	435	2.3
L 1+00S 7+50W	201	--	19	710	2.3
L 1+00S 8+00W	201	--	32	450	1.0
L 1+00S 8+50W	201	--	22	213	0.9
L 1+00S 9+00W	201	--	17	230	0.5
L 1+00S 9+50W	201	--	11	100	3.2
L 1+00S 10+00W	201	--	25	209	1.9
L 2+00N 0+50W	201	--	24	600	2.5
L 2+00N 1+00W	201	--	21	620	3.1
L 2+00N 1+50W	201	--	18	440	4.1
L 2+00N 2+00W	201	--	17	500	4.3
L 2+00N 2+50W	201	--	18	500	1.9
L 2+00N 3+00W	201	--	15	490	1.4
L 2+00N 3+50W	201	--	21	500	0.7
L 2+00N 4+00W	201	--	17	360	1.9
L 2+00N 4+50W	201	--	17	263	4.6
L 2+00N 5+00W	201	--	18	412	1.8
L 2+00N 5+50W	201	--	23	900	5.0
L 2+00N 6+00W	201	--	24	1110	5.4
L 2+00N 6+50W	201	--	25	375	1.1
L 2+00N 7+00W	201	--	30	820	1.3
L 2+00N 7+50W	201	--	17	1120	0.8
L 2+00N 8+00W	201	--	17	430	1.0
L 2+00N 8+50W	201	--	15	310	3.4
L 2+00N 9+00W	201	--	18	540	2.4
L 2+00N 9+50W	201	--	255	1600	7.4
L 2+00N 10+00W	201	--	26	190	4.4

CERTIFICATION : Ian R. Bichler

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PHONE (604) 984-0221

To : ARCTEX ENGINEERING

301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

Project : MERIT M
Comments: CC: ARCTEX - SILVERTON, BC CC: PAUL KALLOCK

Date : 27-JUL-87
Invoice # : I-8718231
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8718231

SAMPLE DESCRIPTION	PREP CODE		Pb ppm	Zn ppm	Ag ppm Aqua R
L 2+00S 2+00W	201	---	39	500	4.0
L 2+00S 2+50W	201	---	22	530	2.8
L 2+00S 3+00W	201	---	26	780	4.0
L 2+00S 3+50W	201	---	19	1650	3.0
L 2+00S 4+00W	201	---	16	170	0.6
L 2+00S 4+50W	201	---	23	450	1.2
L 2+00S 5+00W	201	---	138	720	3.3
L 2+00S 5+50W	201	---	19	485	2.6
L 2+00S 6+00W	201	---	18	474	1.9
L 2+00S 6+50W	201	---	20	244	1.4
L 2+00S 7+00W	201	---	17	221	2.8
L 2+00S 7+50W	201	---	19	171	0.9
L 2+00S 8+00W	201	---	18	245	2.0
L 2+00S 8+50W	201	---	27	490	1.8
L 2+00S 9+00W	201	---	16	165	2.0
L 2+00S 9+50W	201	---	11	190	1.1
L 2+00S 10+00W	201	---	10	99	0.9
L 3+00S 3+00W	201	---	14	95	1.0
L 3+00S 3+50W	201	---	67	350	2.3
L 3+00S 4+00W	201	---	20	255	1.7
L 3+00S 4+50W	201	---	34	225	1.3
L 3+00S 5+00W	201	---	17	145	1.3
L 3+00S 5+50W	201	---	20	420	0.9
L 3+00S 6+00W	201	---	15	295	1.6
L 3+00S 6+50W	201	---	14	106	1.9
L 3+00S 7+00W	201	---	22	176	1.0
L 3+00S 7+50W	201	---	17	194	1.1
L 3+00S 8+00W	201	---	11	115	1.5
L 3+00S 8+50W	201	---	11	333	1.0
L 3+00S 9+00W	201	---	12	160	1.6
L 3+00S 9+50W	201	---	9	165	1.1
L 3+00S 10+00W	201	---	7	228	0.9
L 4+00S 3+00W	201	---	19	311	1.4
L 4+00S 3+50W	201	---	19	322	1.8
L 4+00S 4+00W	201	---	7	88	0.6
L 4+00S 4+50W	201	---	12	166	1.3
L 4+00S 5+00W	201	---	24	300	1.5
L 4+00S 5+50W	201	---	14	172	2.5
L 4+00S 6+00W	201	---	23	313	1.5
L 4+00S 6+50W	201	---	19	185	0.9

CERTIFICATION : Hart Bichler

Chemex Labs Ltd.
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212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To : ARCTEX ENGINEERING
301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3
Project : MERIT M
Comments: CC: ARCTEX - SILVERTON, BC CC: PAUL KALLOCK

Date :27-JUL-87
Invoice # :I-8718231
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8718231

SAMPLE DESCRIPTION	PREP CODE		Pb ppm	Zn ppm	Ag ppm Aqua R
L 4+00S 7+00W	201	---	12	96	1.3
L 4+00S 7+50W	201	---	12	136	1.6
L 4+00S 8+00W	201	---	13	150	1.3
L 4+00S 8+50W	201	---	9	157	0.9
L 4+00S 9+00W	201	---	11	97	1.2
L 4+00S 9+50W	201	---	11	214	1.9
L 4+00S 10+00W	201	---	27	9000	2.9
L 5+00S 3+00W	201	---	20	320	1.2
L 5+00S 3+50W	201	---	18	281	1.8
L 5+00S 4+00W	201	---	23	570	3.4
L 5+00S 4+50W	201	---	37	780	2.0
L 5+00S 5+00W	201	---	21	225	1.3
L 5+00S 5+50W	201	---	12	180	1.8
L 5+00S 6+00W	201	---	19	465	0.6
L 5+00S 6+50W	201	---	30	430	2.7
L 5+00S 7+00W	201	---	22	490	1.5
L 5+00S 7+50W	201	---	15	157	0.6
L 5+00S 8+00W	201	---	31	540	1.8
L 5+00S 8+50W	201	---	27	730	1.8
L 5+00S 9+00W	201	---	24	410	3.5
L 5+00S 9+50W	201	---	28	460	3.2
L 5+00S 10+00W	201	---	16	470	1.4

CERTIFICATION : Hart Bichler

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PHONE (604) 984-0221

To : ARCTEX ENGINEERING

301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

Project : MERIT WEST
Comments: CC: ARCTEX, SILVERTON, BC CC: PAUL KALLOCK

Date :27-JUL-87
Invoice # :I-8718199
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8718199

SAMPLE DESCRIPTION	PREP CODE		Pb ppm	Zn ppm	Ag ppm Aqua R
MW 8+00N 20+50W	201	--	13	480	1.2
MW 8+00N 21+00W	201	--	15	240	0.9
MW 8+00N 21+50W	201	--	11	310	0.4
MW 8+00N 22+00W	201	--	24	455	0.1
MW 8+00N 22+50W	201	--	19	550	1.1
MW 8+00N 23+00W	201	--	11	610	1.6
MW 8+00N 23+50W	201	--	11	415	0.5
MW 8+00N 24+00W	201	--	15	460	1.0
MW 8+00N 24+50W	201	--	17	500	0.5
MW 8+00N 25+00W	201	--	16	335	2.9
MW 8+00N 25+50W	201	--	25	300	1.2

CERTIFICATION : Ian H Bichler

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

To : ARCTEX ENGINEERING

301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

Project : MERIT WEST
Comments: CC: PAUL KALLOCK CC: ARCTEX ENG. SERV.

Page No. :1
Tot. Pages:4
Date :22-JUL-87
Invoice # :I-8718092
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8718092

SAMPLE DESCRIPTION	PREP CODE		Pb ppm	Zn ppm	Ag ppm Aqua R
LN 2+00N 20+00W	201	---	16	250	0.6
LN 2+00N 20+50W	201	---	28	515	1.3
LN 2+00N 21+00W	201	---	36	570	0.8
LN 2+00N 21+50W	201	---	18	1030	2.7
LN 2+00N 22+00W	201	---	17	195	1.9
LN 2+00N 22+50W	201	---	14	310	1.3
LN 2+00N 23+00W	201	---	14	205	1.5
LN 2+00N 23+50W	201	---	14	215	1.6
LN 2+00N 24+00W	201	---	14	243	0.3
LN 2+00N 24+50W	201	---	48	387	1.7
LN 2+00N 25+00W	201	---	31	215	2.0
LN 2+00N 25+50W	201	---	17	310	0.8
LN 2+00N 26+00W	201	---	14	325	0.6
LN 2+00N 26+50W	201	---	14	200	0.1
LN 2+00N 27+00W	201	---	12	315	1.1
LN 2+00N 27+50W	201	---	10	255	0.5
LN 2+00N 28+00W	201	---	15	508	0.4
LN 2+00N 28+50W	201	---	28	280	0.7
LN 2+00N 29+00W	201	---	14	245	0.4
LN 2+00N 29+50W	201	---	33	285	0.7
LN 2+00N 30+00W	201	---	23	260	0.5
LN 2+00N 30+50W	201	---	14	205	1.4
LN 2+00N 31+00W	201	---	9	197	0.2
LN 2+00N 31+50W	201	---	11	210	0.1
LN 3+00N 20+00W	201	---	23	425	1.5
LN 3+00N 20+50W	201	---	24	1900	1.0
LN 3+00N 21+00W	201	---	14	790	1.4
LN 3+00N 21+50W	201	---	16	365	0.6
LN 3+00N 22+00W	201	---	22	940	2.0
LN 3+00N 22+50W	201	---	18	225	0.7
LN 3+00N 23+00W	201	---	15	360	1.3
LN 3+00N 23+50W	201	---	22	295	0.5
LN 3+00N 24+00W	201	---	15	400	1.1
LN 3+00N 24+50W	201	---	15	500	1.9
LN 3+00N 25+00W	201	---	17	770	2.2
LN 3+00N 25+50W	201	---	16	380	1.3
LN 3+00N 26+00W	201	---	22	210	0.7
LN 3+00N 26+50W	201	---	10	160	1.8
LN 3+00N 27+00W	201	---	16	250	0.5
LN 3+00N 27+50W	201	---	12	235	0.1

CERTIFICATION : Hart Bichler

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BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To : ARCTEX ENGINEERING

301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

Project : MERIT WEST
Comments: CC: PAUL KALLOCK CC: ARCTEX ENG. SERV.

Date :22-JUL-87
Invoice # :I-8718092
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8718092

SAMPLE DESCRIPTION	PREP CODE		Pb ppm	Zn ppm	Ag ppm Aqua R
LN 3+00N 28+00W	201	---	9	325	1.6
LN 3+00N 28+50W	201	---	15	162	1.1
LN 3+00N 29+00W	201	---	19	155	0.5
LN 3+00N 29+50W	201	---	10	235	1.4
LN 3+00N 30+00W	201	---	19	270	0.9
LN 3+00N 30+50W	201	---	14	280	0.3
LN 3+00N 31+00W	201	---	20	495	2.1
LN 3+00N 31+50W	201	---	16	365	0.7
LN 3+90N 26+00W	201	---	28	193	0.7
LN 3+90N 26+50W	201	---	10	135	0.5
LN 3+90N 27+00W	201	---	13	165	0.3
LN 3+90N 27+50W	201	---	30	970	1.0
LN 3+90N 28+00W	201	---	10	382	0.5
LN 3+90N 28+50W	201	---	13	375	0.2
LN 3+90N 29+00W	201	---	19	320	0.4
LN 3+90N 29+50W	201	---	19	840	1.2
LN 3+90N 30+00W	201	---	10	5000	1.3
LN 3+90N 30+50W	201	---	30	2180	1.5
LN 3+90N 31+00W	201	---	24	390	0.4
LN 3+90N 31+50W	201	---	13	225	0.5
LN 4+00N 20+50W	201	---	14	1080	3.7
LN 4+00N 21+00W	201	---	12	505	1.6
LN 4+00N 21+50W	201	---	13	420	3.5
LN 4+00N 22+00W	201	---	17	2950	3.9
LN 4+00N 22+50W	201	---	13	2030	0.1
LN 4+00N 23+00W	201	---	14	310	0.5
LN 4+00N 23+50W	201	---	19	350	0.5
LN 4+00N 24+00W	201	---	14	270	0.5
LN 4+00N 24+50W	201	---	12	325	1.5
LN 4+00N 25+00W	201	---	15	278	0.7
LN 4+00N 25+50W	201	---	14	255	0.7
LN 4+00N 26+00W	201	---	12	250	1.2
LN 4+00N 26+50W	201	---	16	325	0.9
LN 4+00N 27+00W	201	---	19	490	0.7
LN 4+00N 27+50W	201	---	12	193	0.3
LN 4+00N 28+00W	201	---	6	200	0.4
LN 4+00N 28+50W	201	---	9	162	1.0
LN 4+00N 29+00W	201	---	12	200	1.6
LN 4+00N 29+50W	201	---	12	250	1.4
LN 4+00N 30+00W	201	---	14	390	1.2

CERTIFICATION : Bart Bichler

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

To : ARCTEX ENGINEERING

301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

Project : MERIT WEST
Comments: CC: PAUL KALLOCK CC: ARCTEX ENG. SERV.

Date :22-JUL-87
Invoice # :I-8718092
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8718092

SAMPLE DESCRIPTION	PREP CODE		Pb ppm	Zn ppm	Ag ppm Aqua R
LN 4+00N 30+50W	201	---	16	275	1.8
LN 4+00N 31+00W	201	---	11	192	1.2
LN 4+00N 31+50W	201	---	13	225	1.9
LN 5+00N 20+00W	201	---	35	1000	10.0
LN 5+00N 20+50W	201	---	12	215	0.9
LN 5+00N 21+00W	201	---	19	688	1.1
LN 5+00N 21+50W	201	---	14	690	0.3
LN 5+00N 22+00W	201	---	11	335	0.2
LN 5+00N 22+50W	203	---	11	365	0.6
LN 5+00N 23+00W	201	---	10	390	1.2
LN 5+00N 23+50W	201	---	12	580	0.3
LN 5+00N 24+00W	201	---	21	1100	0.4
LN 5+00N 24+50W	201	---	20	448	0.5
LN 5+00N 25+00W	201	---	14	340	0.8
LN 5+00N 25+50W	201	---	16	435	0.3
LN 5+00N 26+00W	201	---	13	145	1.3
LN 6+00N 21+00W	201	---	15	363	1.1
LN 6+00N 21+50W	201	---	17	610	0.6
LN 6+00N 22+00W	201	---	19	430	0.3
LN 6+00N 22+50W	201	---	16	162	1.3
LN 6+00N 23+00W	201	---	6	280	0.8
LN 6+00N 23+50W	201	---	14	400	1.1
LN 6+00N 24+00W	201	---	14	525	0.9
LN 6+00N 24+50W	201	---	17	2130	1.5
LN 6+00N 25+00W	201	---	58	1730	2.2
LN 6+00N 25+50W	201	---	14	295	0.5
LN 6+00N 26+00W	201	---	21	390	0.6
LN 6+00N 26+50W	201	---	16	287	0.6
LN 6+00N 27+00W	201	---	10	178	0.7
LN 6+00N 27+50W	201	---	8	315	2.2
LN 6+00N 28+00W	201	---	23	240	0.7
LN 6+00N 28+50W	201	---	14	355	0.5
LN 6+00N 29+00W	201	---	12	183	0.9
LN 6+00N 29+50W	201	---	12	238	1.4
LN 6+00N 30+00W	201	---	15	240	0.8
LN 6+00N 30+50W	201	---	23	275	0.3
LN 6+00N 31+00W	201	---	16	440	3.6
LN 6+00N 31+50W	201	---	13	220	0.8
LN 7+00N 20+00W	201	---	25	1450	1.5
LN 7+00N 20+50W	201	---	15	880	1.3

CERTIFICATION : Hart Bichler

Chemex Labs Ltd.
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212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To : ARCTEX ENGINEERING

301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

Project : MERIT WEST
Comments: CC: PAUL KALLOCK CC: ARCTEX ENG. SERV.

Date :22-JUL-87
Invoice # :I-8718092
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8718092

SAMPLE DESCRIPTION	PREP CODE		Pb ppm	Zn ppm	Ag ppm Aqua R
LN 7+00N 21+00W	201	--	14	620	0.3
LN 7+00N 21+50W	201	--	13	470	1.2
LN 7+00N 22+00W	201	--	6	150	0.2
LN 7+00N 22+50W	201	--	9	255	0.2
LN 7+00N 23+00W	201	--	15	2200	1.2
LN 7+00N 23+50W	201	--	12	805	1.3
LN 7+00N 24+00W	201	--	13	930	0.5
LN 7+00N 24+50W	201	--	12	1250	1.7
LN 7+00N 25+00W	201	--	8	370	1.2
LN 7+00N 25+50W	201	--	35	1500	2.8
LN 7+00N 26+00W	201	--	44	505	0.9
LN 7+00N 26+50W	201	--	14	128	0.6
LN 7+00N 27+00W	201	--	18	470	0.2
LN 7+00N 27+50W	201	--	24	310	1.8
LN 7+00N 28+00W	201	--	19	268	0.6
LN 7+00N 28+50W	201	--	19	393	0.5
LN 7+00N 29+00W	201	--	12	323	0.4
LN 7+00N 29+50W	201	--	10	408	1.9
LN 7+00N 30+00W	201	--	13	170	0.8
LN 7+00N 30+50W	201	--	18	310	1.9
LN 7+00N 31+00W	201	--	12	368	1.0
LN 7+00N 31+50W	201	--	19	260	0.7
LN 7+50N 30+00W	201	--	12	170	0.8
LN 7+50N 30+50W	201	--	15	258	0.7
LN 7+50N 31+00W	201	--	16	320	0.3
LN 7+50N 31+50W	201	--	16	335	0.2
LN 9+00N 20+50W	201	--	88	670	1.9
LN 9+00N 21+00W	201	--	12	320	0.3
LN 9+00N 21+50W	201	--	11	310	0.7
LN 9+00N 22+00W	201	--	8	300	0.5
LN 9+00N 22+50W	201	--	16	360	0.9
LN 9+00N 23+00W	201	--	15	178	0.2
LN 9+00N 23+50W	201	--	17	353	0.4
LN 9+00N 24+00W	201	--	24	238	0.1
LN 9+00N 24+50W	201	--	25	300	0.9
LN 9+00N 25+00W	201	--	16	195	0.1
LN 9+00N 25+50W	201	--	17	215	0.4
LN 9+00N 26+00W	201	--	34	140	0.1

CERTIFICATION : Hart Bichler

Chemex Labs Ltd.
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212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To : ARCTEX ENGINEERING
301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3
Project : TROVE
Comments: CC: ARCTEX ENGINEERING CC: PAUL KALLOCK

Date : 7-JUL-87
Invoice # : I-8717061
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8717061

SAMPLE DESCRIPTION	PREP CODE		Pb ppm	Zn ppm	Ag ppm Aqua R
L07+50N 07+50W	201	---	42	590	3.1
L07+50N 07+75W	201	---	25	280	2.2
L07+50N 08+00W	201	---	19	334	1.8
L07+50N 08+25W	201	---	31	1040	2.2
L07+50N 08+50W	201	---	21	430	2.0
L07+50N 08+75W	201	---	24	300	0.9
L07+50N 09+00W	201	---	18	350	2.2
L07+50N 09+25W	201	---	16	78	0.1
L07+50N 09+50W	201	---	17	165	0.4
L07+50N 09+75W	201	---	12	270	2.3
L07+50N 10+00W	201	---	16	225	1.0
L08+00N 07+50W	201	---	23	650	2.2
L08+00N 07+75W	201	---	25	840	4.9
L08+00N 08+00W	201	---	25	500	3.8
L08+00N 08+25W	201	---	20	1000	2.3
L08+00N 08+50W	201	---	27	500	0.6
L08+00N 08+75W	201	---	19	500	1.0
L08+00N 09+00W	201	---	17	500	1.9
L08+00N 09+25W	201	---	13	265	0.6
L08+00N 09+50W	201	---	20	455	0.9
L08+00N 09+75W	201	---	15	500	0.5
L08+00N 10+00W	201	---	20	300	1.5
L08+50N 07+50W	201	---	17	500	1.0
L08+50N 07+75W	201	---	13	490	0.5
L08+50N 08+00W	201	---	20	1600	1.2
L08+50N 08+25W	201	---	16	440	0.2
L08+50N 08+50W	201	---	26	715	2.8
L08+50N 08+75W	201	---	17	320	1.0
L08+50N 09+00W	201	---	21	500	1.8
L08+50N 09+25W	201	---	19	350	2.0
L08+50N 09+50W	201	---	15	380	0.9
L08+50N 09+75W	201	---	18	550	1.7
L08+50N 10+00W	201	---	16	520	1.0
L09+00N 06+75W	201	---	31	905	3.4
L09+00N 07+00W	201	---	39	1015	2.1
L09+00N 07+25W	201	---	20	2000	2.0
L09+00N 07+50W	201	---	28	2850	2.9
L09+00N 07+75W	201	---	30	700	2.3
L09+00N 08+00W	201	---	26	2200	1.7
L09+00N 08+25W	201	---	24	940	0.6

CERTIFICATION : Jean Bichler

Chemex Labs Ltd.
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212 BROOKSBANK AVE., NORTH VANCOUVER,
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PHONE (604) 984-0221

To : ARCTEX ENGINEERING

301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

Project : TROVE
Comments: CC: ARCTEX ENGINEERING CC: PAUL KALLOCK

Date : 7-JUL-87
Invoice # : I-8717061
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8717061

SAMPLE DESCRIPTION	PREP CODE		Pb ppm	Zn ppm	Ag ppm Aqua R
L09+00N 08+50W	201	---	23	500	1.2
L09+00N 08+75W	201	---	19	565	0.7
L09+00N 09+00W	201	---	18	380	0.2
L09+00N 09+25W	201	---	20	445	0.5
L09+00N 09+50W	201	---	20	340	1.6
L09+00N 09+75W	201	---	13	310	1.7
L09+00N 10+00W	201	---	22	390	0.4
L09+50N 05+00W	201	---	17	330	3.5
L09+50N 05+25W	201	---	11	220	2.2
L09+50N 05+50W	201	---	16	250	3.8
L09+50N 05+75W	201	---	15	385	1.6
L09+50N 06+00W	201	---	22	500	1.8
L09+50N 06+25W	201	---	20	540	1.5
L09+50N 06+50W	201	---	18	475	2.2
L09+50N 06+75W	201	---	24	930	1.7
L09+50N 07+00W	201	---	22	570	2.8
L09+50N 07+25W	201	---	30	4900	2.0
L09+50N 07+50W	201	---	23	600	0.9
L09+50N 07+75W	201	---	24	720	0.8
L09+50N 08+00W	201	---	15	470	0.4
L09+50N 08+25W	201	---	22	350	1.0
L09+50N 08+50W	201	---	23	430	0.5
L09+50N 09+00W	201	---	24	650	0.7
L09+50N 09+25W	201	---	14	405	0.4
L09+50N 09+50W	201	---	9	365	0.3
L09+50N 09+75W	201	---	11	270	1.7
L09+50N 10+00W	201	---	65	300	1.2
L10+00N 04+75W	201	---	18	440	1.1
L10+00N 05+25W	201	---	21	460	2.4
L10+00N 05+75W	201	---	14	190	0.6
L10+00N 06+25W	201	---	24	470	2.4
L10+00N 06+75W	201	---	19	430	0.5
L10+00N 07+25W	201	---	15	900	3.6
L10+50N 02+50W	201	---	16	370	1.3
L10+50N 02+75W	201	---	24	320	1.2
L10+50N 03+00W	201	---	15	320	0.4
L10+50N 03+25W	201	---	13	300	2.5
L10+50N 03+50W	201	---	14	310	4.0
L10+50N 03+75W	201	---	12	170	0.9
L10+50N 04+00W	201	---	10	305	1.2

CERTIFICATION : Stewart Bichler

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

To : ARCTEX ENGINEERING

301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

Project : TROVE
Comments: CC: ARCTEX ENGINEERING CC: PAUL KALLOCK

Date : 7-JUL-87
Invoice # : I-8717061
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8717061

SAMPLE DESCRIPTION	PREP CODE		Pb ppm	Zn ppm	Ag ppm Aqua R
L10+50N 04+25W	201	---	14	200	1.8
L10+50N 04+50W	201	---	14	310	3.3
L10+50N 04+75W	201	---	15	345	1.6
L10+50N 05+00W	201	---	18	1050	3.2
L10+50N 05+25W	201	---	17	490	2.8
L10+50N 05+50W	201	---	20	465	0.9
L10+50N 05+75W	201	---	13	255	0.5
L10+50N 06+00W	201	---	19	305	0.8
L10+50N 06+25W	201	---	13	260	0.8
L10+50N 06+50W	201	---	21	370	0.7
L10+50N 06+75W	201	---	16	770	3.3
L10+50N 07+00W	201	---	13	550	3.1
L10+50N 07+25W	201	---	11	174	0.5
L10+50N 07+50W	201	---	17	1200	1.6
L11+00N 02+25W	201	---	13	245	0.5
L11+00N 02+50W	201	---	12	200	0.3
L11+00N 02+75W	201	---	11	280	2.2
L11+00N 03+00W	201	---	12	290	2.3
L11+00N 03+25W	201	---	13	160	0.9
L11+00N 03+50W	201	---	14	235	1.2
L11+00N 03+75W	201	---	15	400	0.5
L11+00N 04+00W	201	---	16	235	0.3
L11+00N 04+25W	201	---	21	275	0.8
L11+00N 04+50W	201	---	1	5	0.1
L11+00N 04+75W	201	---	20	310	0.1
L11+00N 05+00W	201	---	22	340	1.5
L11+00N 05+25W	201	---	17	180	0.5
L11+00N 05+50W	201	---	12	400	0.5
L11+00N 05+75W	201	---	16	315	0.4
L11+00N 06+00W	201	---	12	355	0.2
L11+00N 06+25W	201	---	32	290	0.3
L11+50N 02+50W	201	---	18	165	0.1
L11+50N 02+75W	201	---	17	230	1.2
L11+50N 03+00W	201	---	14	190	0.4
L11+50N 03+25W	201	---	12	150	0.4
L11+50N 03+50W	201	---	13	250	0.1
L11+50N 03+75W	201	---	16	280	0.2
L11+50N 04+00W	201	---	12	185	0.1
L11+50N 04+25W	201	---	8	370	0.8
L11+50N 04+50W	201	---	15	485	1.3

CERTIFICATION : Ian Bichler

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

To : ARCTEX ENGINEERING

301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

Project : TROVE
Comments: CC: ARCTEX ENGINEERING CC: PAUL KALLOCK

Date : 7-JUL-87
Invoice # : I-8717061
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8717061

SAMPLE DESCRIPTION	PREP CODE		Pb ppm	Zn ppm	Ag ppm Aqua R
L11+50N 04+75W	201	---	16	350	2.2
L11+50N 05+00W	201	---	19	210	0.3

CERTIFICATION : Ivan Bichler

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

To : ARCTEX ENGINEERING

301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

Project : TROVE
Comments: CC: ARCTEX ENG. CC: PAUL KALLOCK

Date : 2-JUL-87
Invoice # : I-8716859
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8716859

SAMPLE DESCRIPTION	PREP CODE		Pb ppm	Zn ppm	Ag ppm Aqua R
TR 3+00S 0+25E	201	---	18	590	1.0
TR 3+00N 0+75E	201	---	16	510	2.1
TR 3+50N 0+00E	201	---	14	430	5.2
TR 3+50N 0+25E	201	---	19	455	1.5
TR 3+50N 0+50E	201	---	17	590	1.4
TR 3+50N 0+75E	201	---	13	460	1.6
TR 3+50N 1+00E	201	---	10	458	1.7
TR 3+50N 1+25E	201	---	12	500	1.1
TR 3+50N 1+50E	201	---	18	422	1.7
TR 3+50N 1+75E	201	---	15	580	1.4
TR 3+50N 2+00E	201	---	14	486	1.6
TR 4+00N 0+25E	201	---	18	510	3.8
TR 4+00N 0+75E	201	---	12	410	2.6
TR 4+00N 1+25E	201	---	13	660	2.8
TR 4+00N 1+75E	201	---	13	300	2.0
TR 4+00N 2+25E	201	---	30	207	6.2
TR 4+00N 2+75E	201	---	10	300	1.7
TR 4+00N 3+25E	201	---	10	450	0.1
TR 4+50N 0+00E	201	---	12	205	3.8
TR 4+50N 0+25E	201	---	15	270	2.6
TR 4+50N 0+50E	201	---	14	182	0.2
TR 4+50N 0+75E	201	---	12	426	1.1
TR 4+50N 1+00E	201	---	12	133	0.2
TR 4+50N 1+25E	201	---	120	300	8.8
TR 4+50N 1+50E	201	---	15	238	1.5
TR 4+50N 1+75E	201	---	16	250	1.7
TR 4+50N 2+00E	201	---	14	407	5.8
TR 4+50N 2+25E	201	---	20	200	4.0
TR 4+50N 2+50E	201	---	10	295	0.9
TR 4+50N 2+75E	201	---	17	230	1.6
TR 5+00N 0+00E	201	---	40	246	2.0
TR 5+00N 0+25E	201	---	8	127	0.4
TR 5+00N 0+50E	201	---	18	155	0.7
TR 5+00N 0+75E	201	---	19	205	1.4
TR 5+00N 1+00E	201	---	6	47	1.0
TR 5+00N 1+25E	201	---	15	190	0.7
TR 5+00N 1+50E	201	---	22	156	2.2
TR 5+00N 1+75E	201	---	18	395	2.0
TR 5+00N 2+00E	201	---	25	393	1.7
TR 5+00N 2+25E	201	---	5	87	0.3

CERTIFICATION : Stewart Buchler

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

To : ARCTEX ENGINEERING

301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

Project : TROVE
Comments: CC: ARCTEX ENG. CC: PAUL KALLOCK

Date : 2-JUL-87
Invoice # : I-8716859
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8716859

SAMPLE DESCRIPTION	PREP CODE		Pb ppm	Zn ppm	Ag ppm Aqua R
TR 5+00N 2+50E	201	---	5	60	0.3
TR 5+00N 2+75E	201	---	11	158	0.5
TR 5+50N 0+00E	201	---	17	253	1.5
TR 5+50N 0+25E	201	---	13	135	0.9
TR 5+50N 0+50E	201	---	11	300	1.5
TR 5+50N 0+75E	201	---	16	355	1.1
TR 5+50N 1+00E	201	---	20	425	3.5
TR 5+50N 1+25E	201	---	17	167	1.6
TR 5+50N 1+50E	201	---	9	217	1.1
TR 5+50N 1+75E	201	---	15	335	1.2
TR 5+50N 2+00E	201	---	6	115	0.4
TR 5+50N 2+25E	201	---	14	345	0.2
TR 5+50N 2+50E	201	---	12	129	1.9
TR 5+50N 2+75E	201	---	14	72	0.2
TR 6+00N 0+25E	201	---	11	510	3.0
TR 6+00N 0+75E	201	---	11	364	0.7
TR 6+00N 1+25E	201	---	21	420	4.0
TR 6+00N 1+75E	201	---	12	491	2.5
TR 6+00N 2+25E	201	---	12	240	1.0
TR 6+00N 2+75E	201	---	12	480	2.5
TR 6+50N 0+00E	201	---	33	760	7.2
TR 6+50N 0+25E	201	---	9	160	1.2
TR 6+50N 0+50E	201	---	14	500	1.6
TR 6+50N 0+75E	201	---	10	300	2.4
TR 6+50N 1+00E	201	---	17	310	1.5
TR 6+50N 1+25E	201	---	14	341	4.5
TR 6+50N 1+50E	201	---	10	510	1.2
TR 6+50N 1+75E	201	---	13	180	1.1
TR 6+50N 2+00E	201	---	12	450	2.0
TR 6+50N 2+25E	201	---	24	720	4.2
TR 6+50N 2+50E	201	---	16	500	2.5
TR 6+50N 2+75E	201	---	8	365	1.0
TR 7+00N 0+25E	201	---	20	500	0.8
TR 7+00N 0+75E	201	---	15	980	1.5
TR 7+00N 1+25E	201	---	8	124	0.4
TR 7+00N 1+75E	201	---	9	413	0.6
TR 7+00N 2+25E	201	---	14	440	0.8
TR 7+50N 0+00E	201	---	24	720	2.4
TR 7+50N 0+25E	201	---	14	600	1.2
TR 7+50N 0+50E	201	---	15	490	0.8

CERTIFICATION : Hart Bichler

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

To : ARCTEX ENGINEERING

301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

Project : TROVE
Comments: CC: ARCTEX ENG. CC: PAUL KALLOCK

Date : 2-JUL-87
Invoice # : I-8716859
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8716859

SAMPLE DESCRIPTION	PREP CODE		Pb ppm	Zn ppm	Ag ppm Aqua R
TR 7+50N 0+75E	201	--	17	495	0.9
TR 7+50N 1+00E	201	--	17	500	1.3
TR 7+50N 1+25E	201	--	20	417	0.4
TR 7+50N 1+50E	201	--	23	510	1.4
TR 7+50N 1+75E	201	--	16	450	0.8
TR 7+50N 2+00E	201	--	8	325	0.5
TR 7+50N 2+25E	201	--	22	520	0.3
TR 7+50N 2+50E	201	--	16	590	2.2
TR 7+50N 2+75E	201	--	17	400	3.7
TR 7+50N 2+75EA	201	--	14	590	2.6
TR 8+00 0+25E	201	--	19	510	0.5
TR 8+00 0+75E	201	--	12	290	0.3
TR 8+00 1+25E	201	--	15	320	0.7
TR 8+00 1+75E	201	--	18	200	1.4
TR 8+00 2+25E	201	--	15	500	0.7
TR 8+00 2+75E	201	--	12	400	0.5

CERTIFICATION : Hartt Bichler

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

To : ARCTEX ENGINEERING

301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

Project : TROVE
Comments: CC: ARCTEX ENGINEERING CC: PAUL KALLOCK

Date :04-JUL-87
Invoice # : I-8717060
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8717060

SAMPLE DESCRIPTION	PREP CODE		Pb ppm	Zn ppm	Ag ppm Aqua R
L3+50N 17+50W	201	---	24	123	0.8
L3+50N 17+75W	201	---	28	236	0.9
L3+50N 18+00W	201	---	22	144	0.2
L3+50N 18+25W	201	---	18	300	0.4
L3+50N 18+50W	201	---	39	840	5.5
L3+50N 18+75W	201	---	20	451	0.5
L3+50N 19+00W	201	---	20	570	1.8
L3+50N 19+25W	201	---	14	540	0.6
L3+50N 19+50W	201	---	21	620	2.1
L3+50N 19+75W	201	---	12	740	0.7
L3+50N 20+00W	201	---	19	430	1.9
L4+00N 17+50W	201	---	30	570	4.1
L4+00N 17+75W	201	---	17	610	4.4
L4+00N 18+00W	201	---	34	940	2.2
L4+00N 18+25W	201	---	14	830	2.2
L4+00N 18+50W	201	---	32	1000	1.2
L4+00N 18+75W	201	---	19	760	2.3
L4+00N 19+00W	201	---	17	1060	1.8
L4+00N 19+25W	201	---	18	690	1.7
L4+00N 19+50W	201	---	17	570	0.5
L4+00N 19+75W	201	---	19	930	3.3
L4+00N 20+00W	201	---	13	1270	1.3
L4+50N 17+50W	201	---	39	720	2.2
L4+50N 17+75W	201	---	21	1100	4.3
L4+50N 18+00W	201	---	18	600	1.3
L4+50N 18+25W	201	---	17	1170	2.1
L4+50N 18+50W	201	---	22	1000	3.9
L4+50N 18+75W	201	---	22	750	2.7
L4+50N 19+00W	201	---	20	870	1.4
L4+50N 19+25W	201	---	28	1170	3.1
L4+50N 19+50W	201	---	15	950	5.1
L4+50N 19+75W	201	---	16	750	5.7
L4+50N 20+00W	201	---	23	870	5.3
L5+00N 17+50W	201	---	24	760	1.0
L5+00N 17+75W	201	---	36	1340	2.9
L5+00N 18+00W	201	---	38	900	2.2
L5+00N 18+25W	201	---	37	2180	1.4
L5+00N 18+50W	201	---	21	480	0.4
L5+00N 18+75W	201	---	91	490	1.3
L5+00N 19+00W	201	---	21	790	2.1

CERTIFICATION : Hart Bichler

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

To : ARCTEX ENGINEERING
301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3
Project : TROVE
Comments: CC: ARCTEX ENGINEERING CC: PAUL KALLOCK

Date :04-JUL-87
Invoice # :I-8717060
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8717060

SAMPLE DESCRIPTION	PREP CODE		Pb ppm	Zn ppm	Ag ppm Aqua R
L5+00N 19+25W	201	---	36	1240	3.5
L5+00N 19+50W	201	---	40	1700	5.0
L5+00N 19+75W	201	---	47	2040	4.6
L5+00N 20+00W	201	---	19	2000	6.3

CERTIFICATION : Herb Buchler

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,472

(11)

TROVE RESOURCES LTD.

MERIT CLAIM GROUP

ZINCTON B.C. SLOCAN M.D. 82K/3E

4159 (11)
MERIT M CLAIM
SOIL GEOCHEMISTRY
Pb p.p.m.

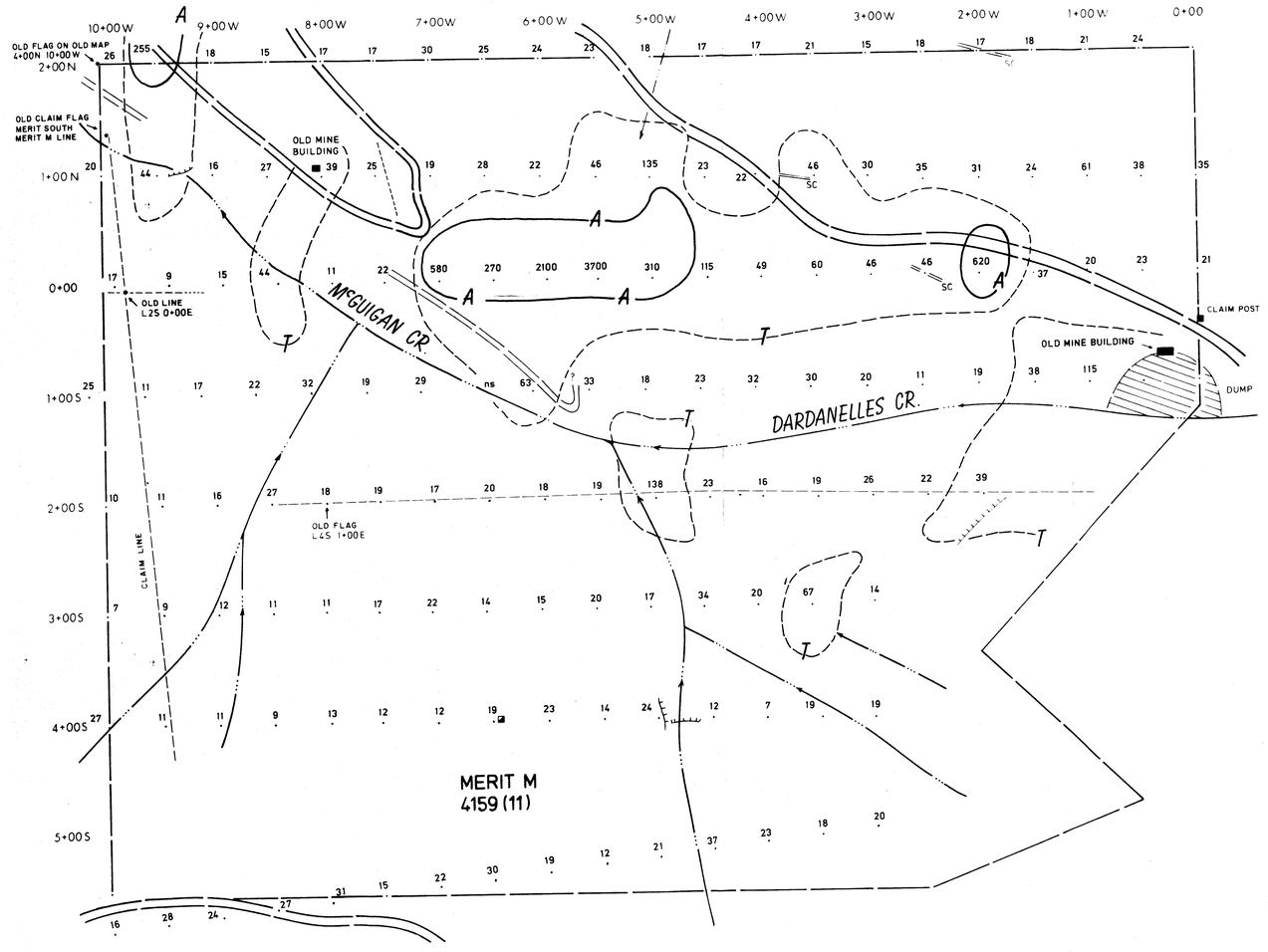
REGISTERED PROFESSIONAL ENGINEER
PROVINCE OF ONTARIO

TO ACCOMPANY REPORT BY

LOCKE B. GOLDSMITH, P Eng.
CONSULTING GEOLOGIST

PAUL KALLOCK
CONSULTING GEOLOGIST

ARCTEX ENGINEERING SERVICES JULY 1987



CONTOURS

THRESHOLD: 38 - 150 P.P.M. ——— T

ANOMALOUS: > 150 P.P.M. ——— A

SCALE
0 25 50 100 200
metres
1 : 2500

N

CLIFFS
ROADS
TRAIL
CREEK
drainage
SOIL SAMPLES
POST
CLAIM LINE
OLD FLAG
ADIT
TRENCH
PIT
SHAFT

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,472

(18)

TROVE RESOURCES LTD.
MERIT CLAIM GROUP

ZINCTON, B.C. SLOCAN MINING DIVISION NTS 82K/3E

Rock & Soil Geochemistry

P.P.M. **Zn**

TO ACCOMPANY REPORT BY LOCKE B. GOLDSMITH P.Eng., CONSULTING GEOLOGIST

ARCTEX ENGINEERING SERVICES

November 1986
AMENDED JULY 1987

SCALE: 1:1250 — 0 12.5 25 50 100 METRES

RICH & MERIT CLAIMS

KEY

ANOMALOUS >980 P.P.M.

1986 soil samples

1985 soil samples

rock

Claim lines

Property boundary

NORTH

8+25N
8+00N (NEW)
7+75N
7+50N
7+25N
7+00N
6+75N
6+50N
6+25N

7+00E
8+00E
9+00E
10+00E
11+00E
12+00E
13+00E

MERIT
4144 (10)

RICH
4787 (9)

APPROX. DRAINAGE

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,472

TROVE RESOURCES LTD.
MERIT CLAIM GROUP

ZINCTON, B.C. SLOCAN MINING DIVISION NTS 82K/3E

Rock & Soil Geochemistry

P.P.M. Ag

TO ACCOMPANY REPORT BY LOCKE B. GOLDSMITH P.Eng., CONSULTING GEOLOGIST

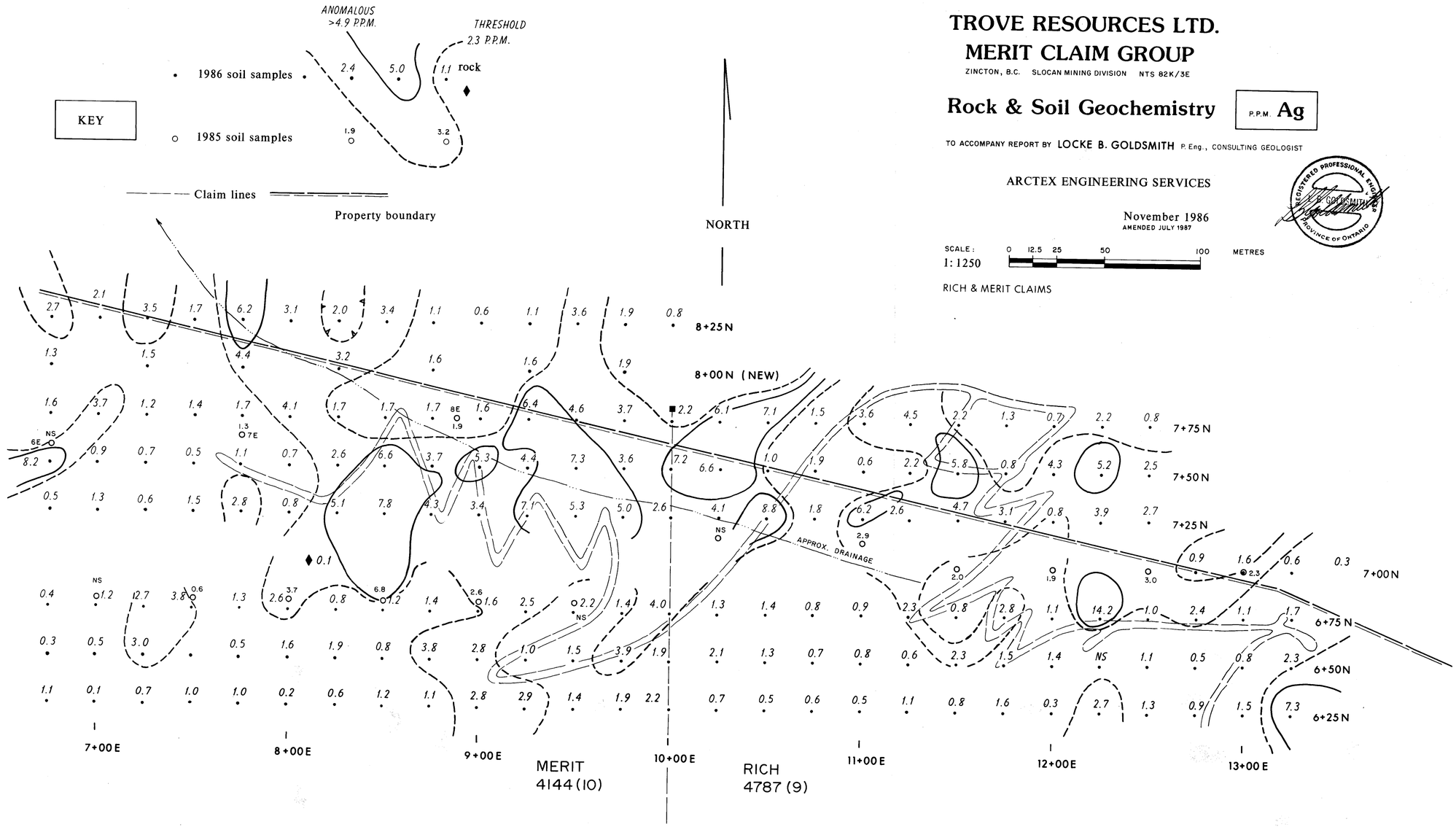
ARCTEX ENGINEERING SERVICES

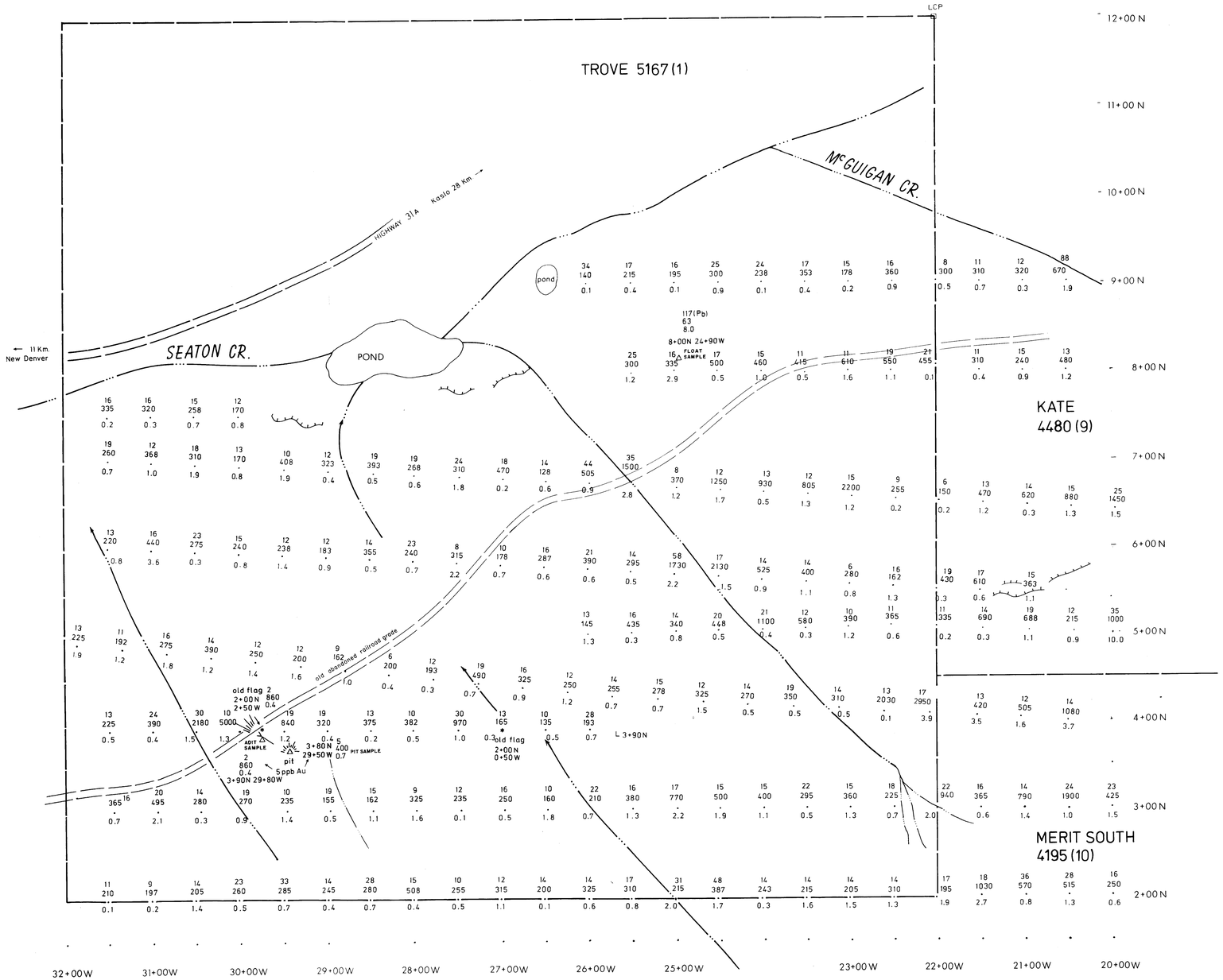
November 1986
AMENDED JULY 1987

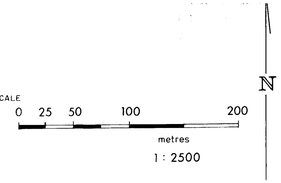
REGISTERED PROFESSIONAL ENGINEER
L. B. GOLDSMITH
PROVINCE OF ONTARIO

SCALE: 1:1250 0 12.5 25 50 100 METRES

RICH & MERIT CLAIMS







TROVE RESOURCES LTD.

MERIT CLAIM GROUP

ZINCTON B.C. SLOCAN M.D. 82K/3E

TROVE CLAIM 5167(1)

ROCK & SOIL GEOCHEMISTRY 1:2500

Pb
Zn
Ag
P.P.M.

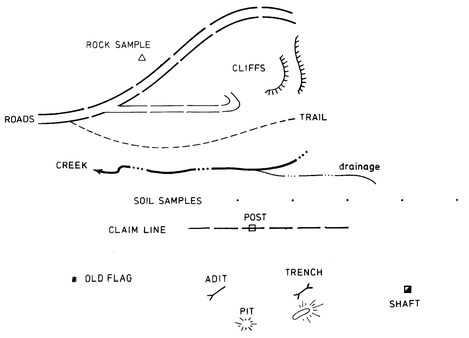
REGISTERED PROFESSIONAL ENGINEER PROVINCE OF ONTARIO
L. B. GOLDSMITH

TO ACCOMPANY REPORT BY

LOCKE B. GOLDSMITH, P. Eng.
CONSULTING GEOLOGIST

PAUL KALLOCK
CONSULTING GEOLOGIST

ARCTEX ENGINEERING SERVICES JULY 1987



TROVE RESOURCES LTD.
MERIT CLAIM GROUP

ZINCTON B.C. SLOCAN M.D. 82K/3E

13

4159 (11)
MERIT M CLAIM
SOIL GEOCHEMISTRY
Ag p.p.m.

REGISTERED PROFESSIONAL ENGINEER L. B. GOLDSMITH PROVINCE OF ONTARIO

TO ACCOMPANY REPORT BY

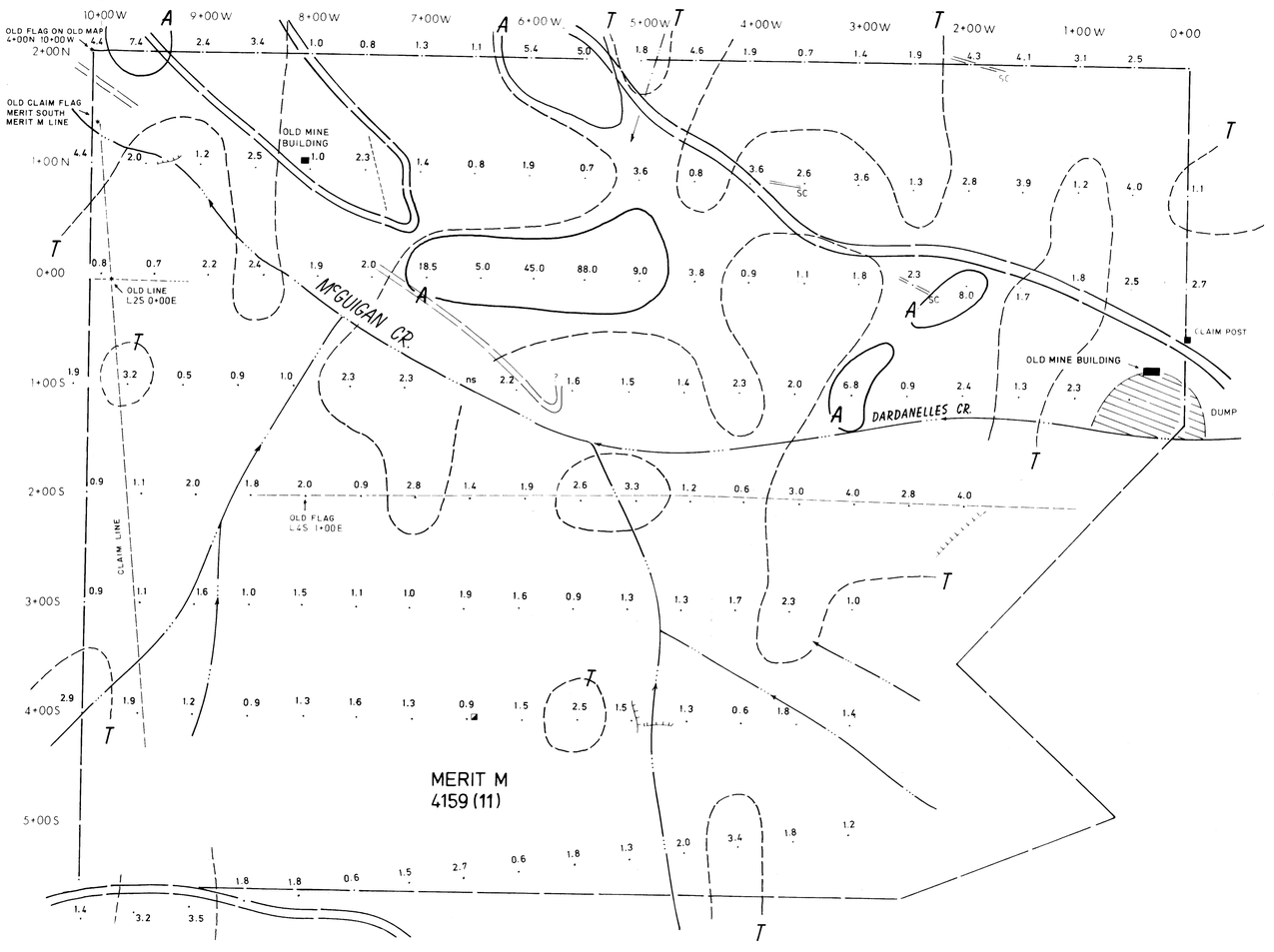
LOCKE B. GOLDSMITH, P. Eng
CONSULTING GEOLOGIST

PAUL KALLOCK
CONSULTING GEOLOGIST

ARCTEX ENGINEERING SERVICES JULY 1987

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,472



Ag
CONTOURS

A —— ANOMALOUS : >4.9 P.P.M.

T —— THRESHOLD: 2.3 P.P.M.-4.9 P.P.M.

SCALE
0 25 50 100 200
metres
1 : 2500

N

CLIFFS
ROADS
TRAIL
CREEK
drainage
SOIL SAMPLES
CLAIM LINE
POST
OLD FLAG
ADIT
TRENCH
PIT
SHAFT

TROVE RESOURCES LTD.

MERIT CLAIM GROUP

ZINCTON B.C. SLOCAN M.D. 82K/3E

4159 (11)
MERIT M CLAIM
SOIL GEOCHEMISTRY

Zn
PPM.

TO ACCOMPANY REPORT BY

LOCKE B. GOLDSMITH, P. Eng.
CONSULTING GEOLOGIST

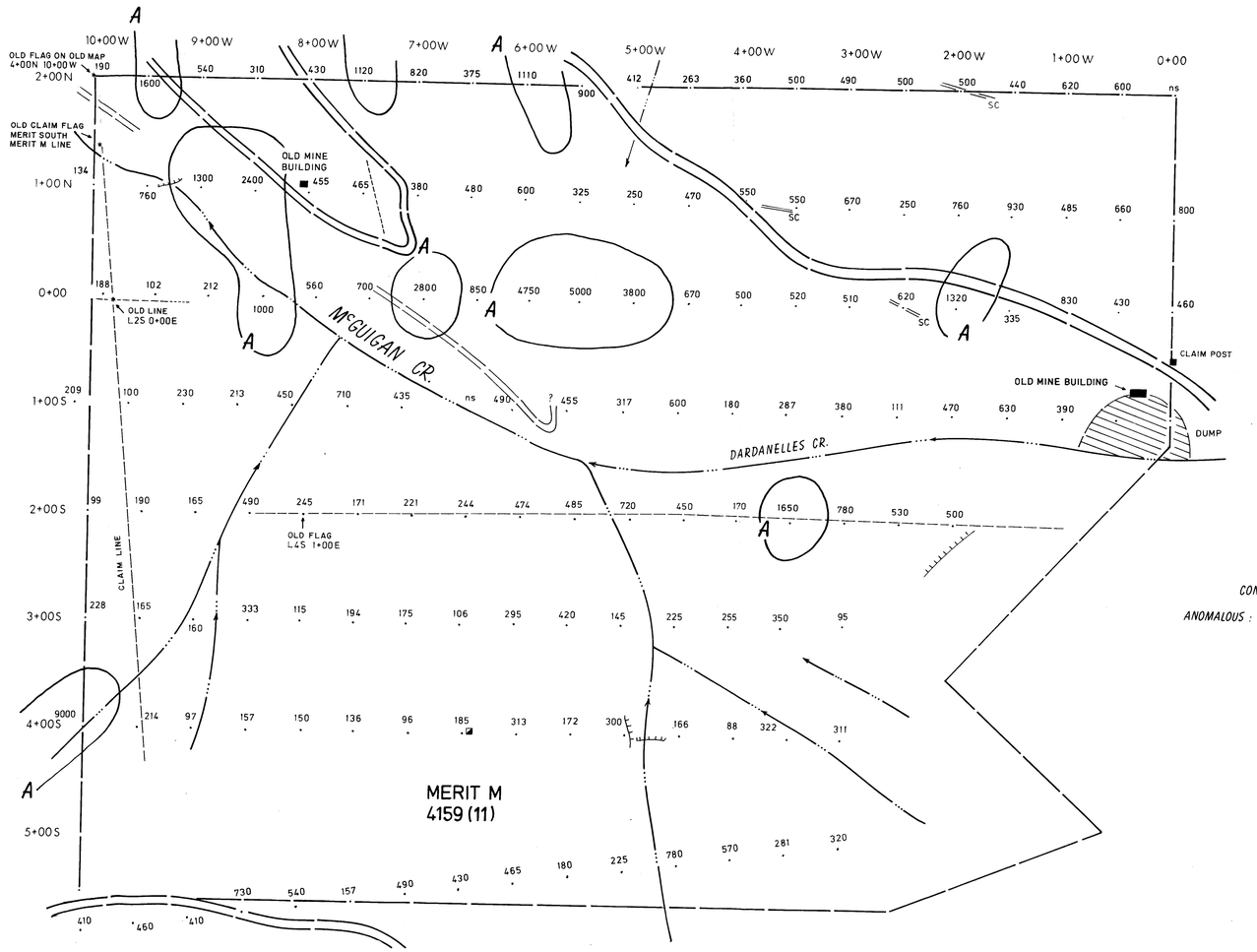
PAUL KALLOCK
CONSULTING GEOLOGIST

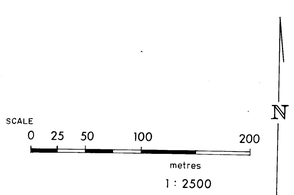
ARCTEX ENGINEERING SERVICES JULY 1987

(12)

GEOLOGICAL BRANCH
ASSESSMENT REPORT

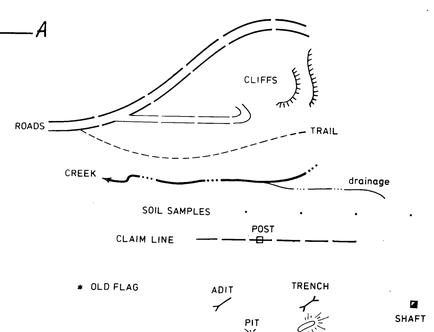
16,472





CONTOURS

ANOMALOUS : > 980 PPM. ——A



(5)

TROVE RESOURCES LTD.

MERIT CLAIM GROUP

ZINCTON B.C. SLOCAN M.D. 82K/3E

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,472

KATE CLAIM 4480(9)
SOIL GEOCHEMISTRY
1:1250
Pb PPM.

REGISTERED PROFESSIONAL ENGINEER
L. B. GOLDSMITH
PROVINCE OF ONTARIO

TO ACCOMPANY REPORT BY

LOCKE B. GOLDSMITH, P. Eng.
CONSULTING GEOLOGIST

PAUL KALLOCK
CONSULTING GEOLOGIST

ARCTEX ENGINEERING SERVICES JULY 1987

KATE 4480 (9)

McGUIGAN CR.

1985 line 5N

20+00 W

19+00 W

18+00 W

17+00 W

5+00N

4+50N

4+00N

3+50N

35 TROVE

claim post

claim and geophysical survey line

KATE 1W MERIT SOUTH 1W claim post

16 4N old flag 18W

L-4N

MERIT SOUTH 4145 (10)

SCALE
0 25 50 100
metres
1:1250

N

CONTOURS

ANOMALOUS : > 150 ppm ——A

THRESHOLD : 38 - 150 ppm ——T

ROADS

CLIFFS

TRAIL

CREEK

drainage

SOIL SAMPLES

CLAIM LINE

POST

OLD FLAG

ADIT

TRENCH

PIT

SHAFT

(b)

TROVE RESOURCES LTD.

MERIT CLAIM GROUP

ZINCTON B.C. SLOCAN M.D. 82K/3E

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,472

KATE CLAIM 4480(9)
SOIL GEOCHEMISTRY
1 : 1250
Zn
P.P.M.

REGISTERED PROFESSIONAL ENGINEER
L. B. GOLDSMITH
PROVINCE OF ONTARIO

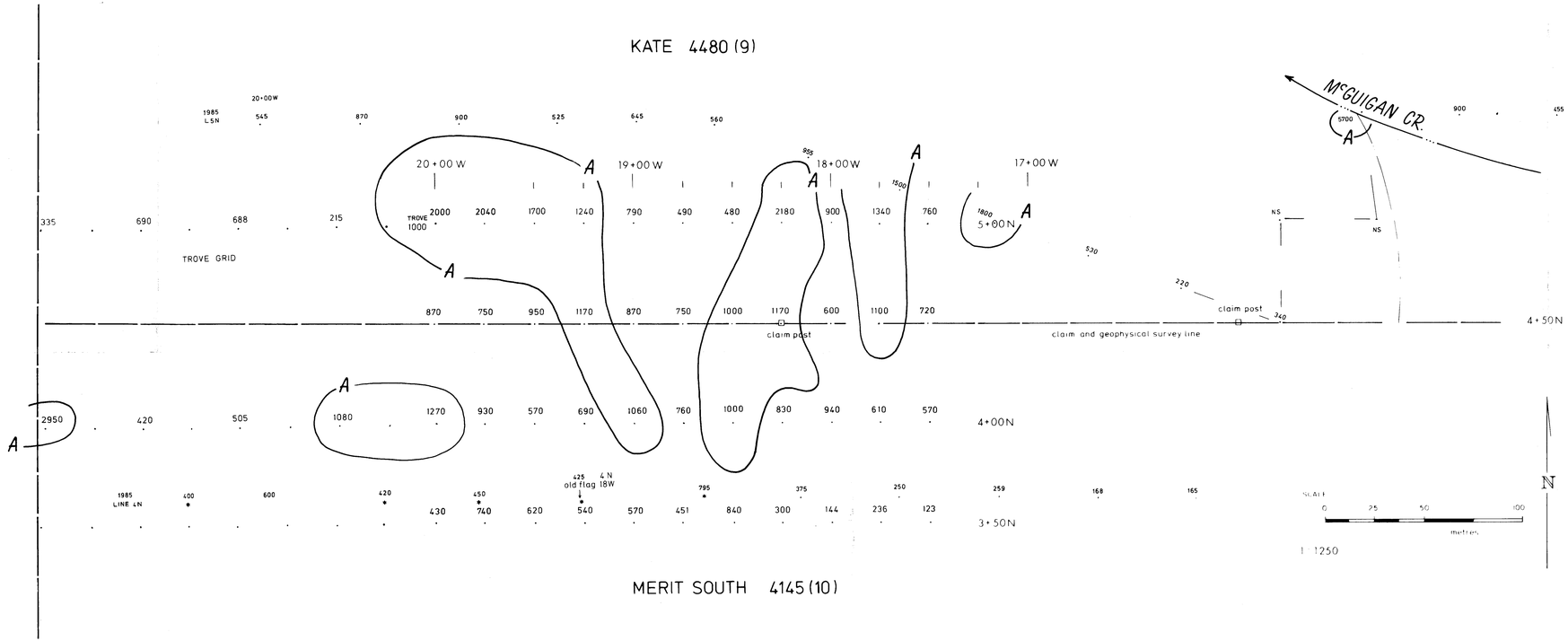
TO ACCOMPANY REPORT BY

LOCKE B. GOLDSMITH, P. Eng.
CONSULTING GEOLOGIST

PAUL KALLOCK
CONSULTING GEOLOGIST

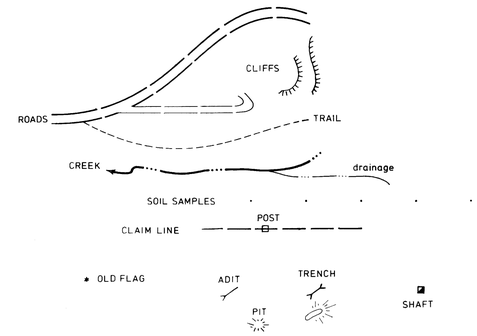
ARCTEX ENGINEERING SERVICES JULY 1987

KATE 4480 (9)



MERIT SOUTH 4145 (10)

ANOMALOUS : >980 P.P.M. ——— A



(7)

TROVE RESOURCES LTD.

MERIT CLAIM GROUP

ZINCTON B.C. SLOCAN M.D. 82K/3E

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,472

KATE CLAIM 4480(9)
SOIL GEOCHEMISTRY
1 : 1250
Ag
P.P.M.

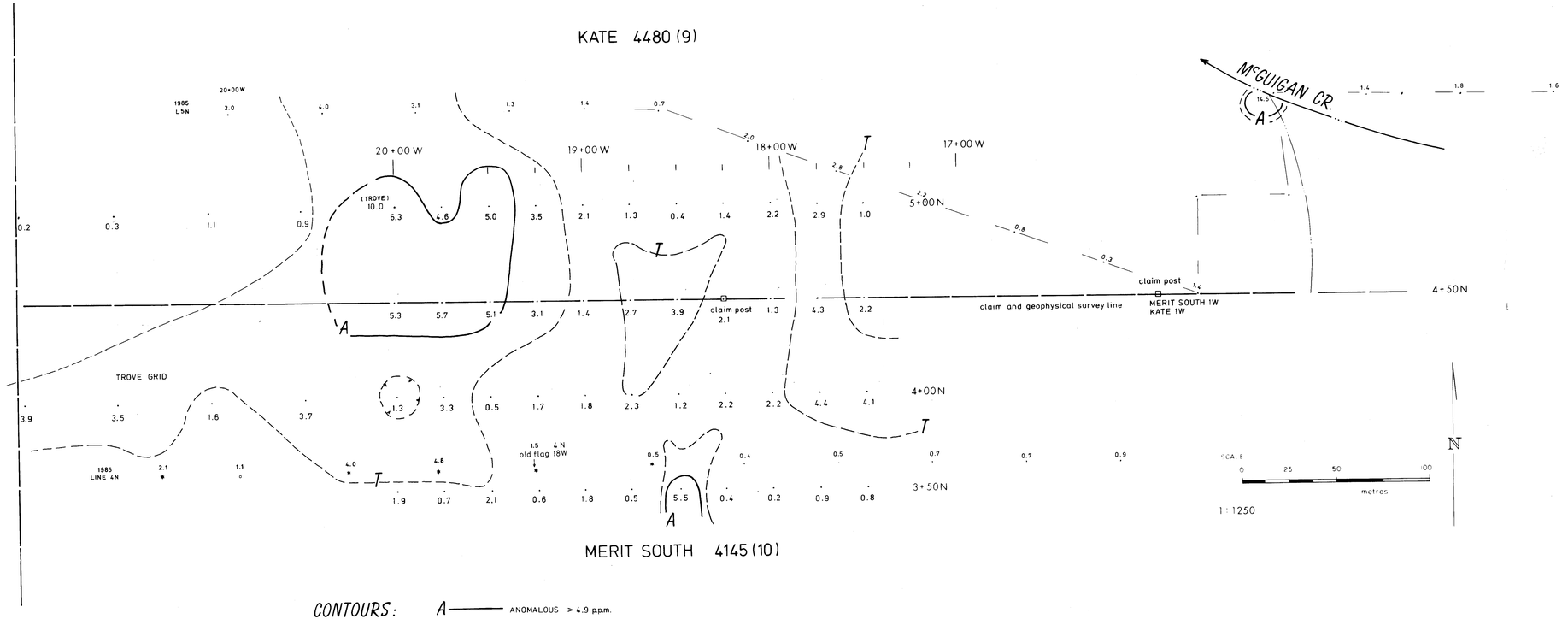
REGISTERED PROFESSIONAL ENGINEER
L. B. GOLDSMITH
PROVINCE OF ONTARIO

TO ACCOMPANY REPORT BY

LOCKE B. GOLDSMITH, P. Eng.
CONSULTING GEOLOGIST

PAUL KALLOCK
CONSULTING GEOLOGIST

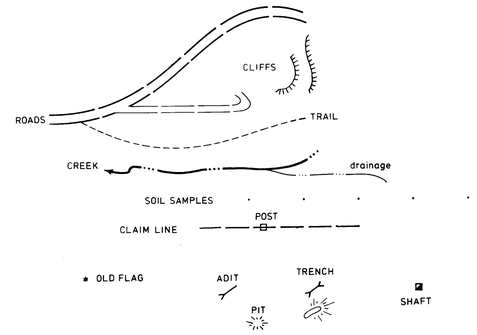
ARCTEX ENGINEERING SERVICES JULY 1987



CONTOURS:

A —— ANOMALOUS > 4.9 p.p.m.

T - - - - - - THRESHOLD 2.3 - 4.9 p.p.m.



(9)

TROVE RESOURCES LTD.

MERIT CLAIM GROUP

ZINCTON B.C. SLOCAN M.D. 82K/3E

GEOLOGICAL BRANCH ASSESSMENT REPORT

16,472

MERIT CENTER CLAIM
SOIL GEOCHEMISTRY

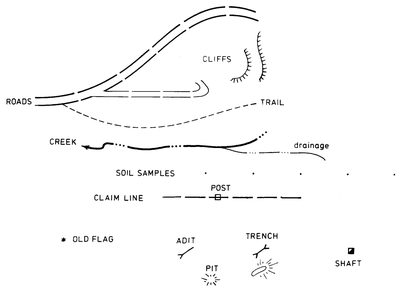
Pb
Zn
Ag
* P.P.M.

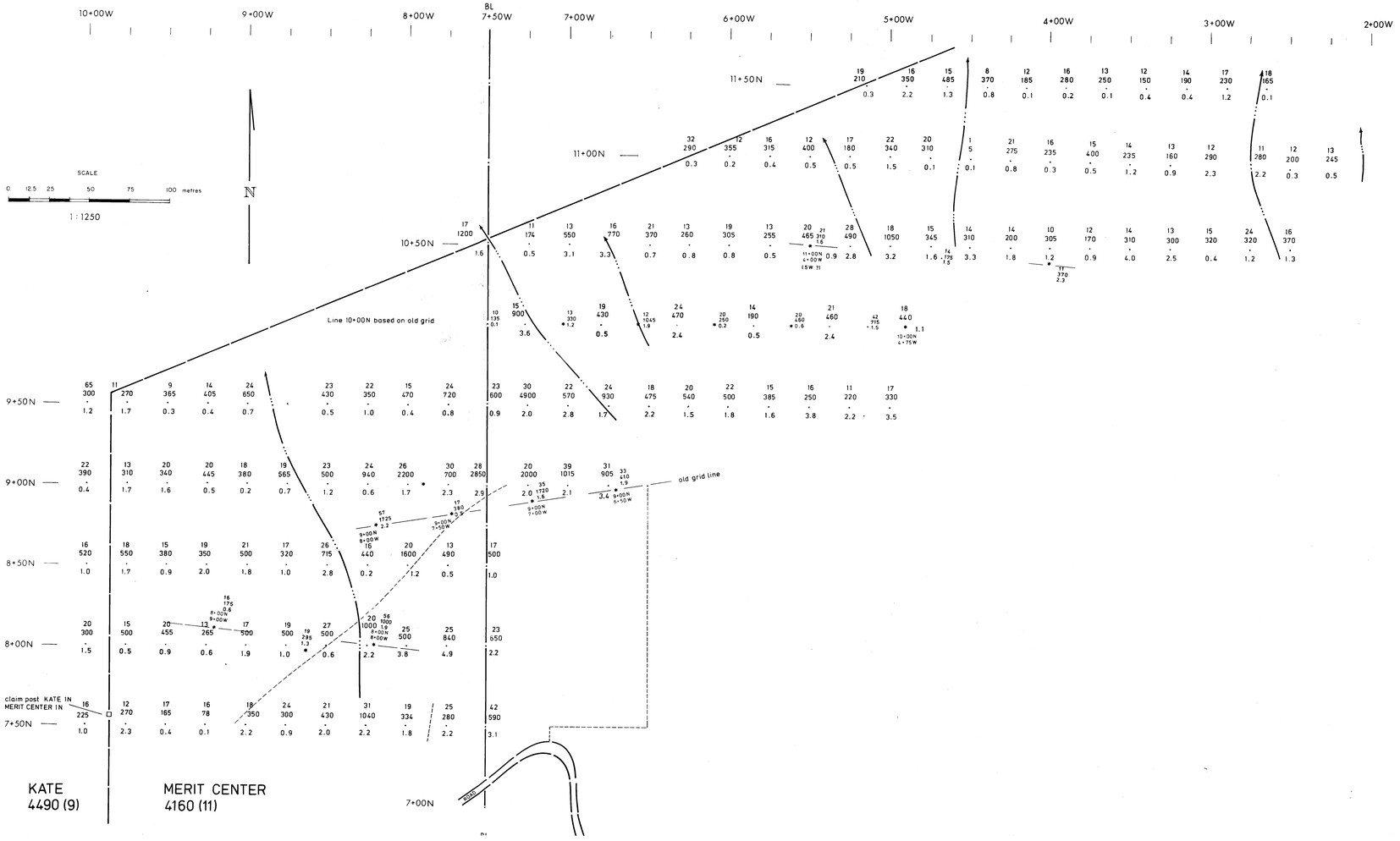
TO ACCOMPANY REPORT BY

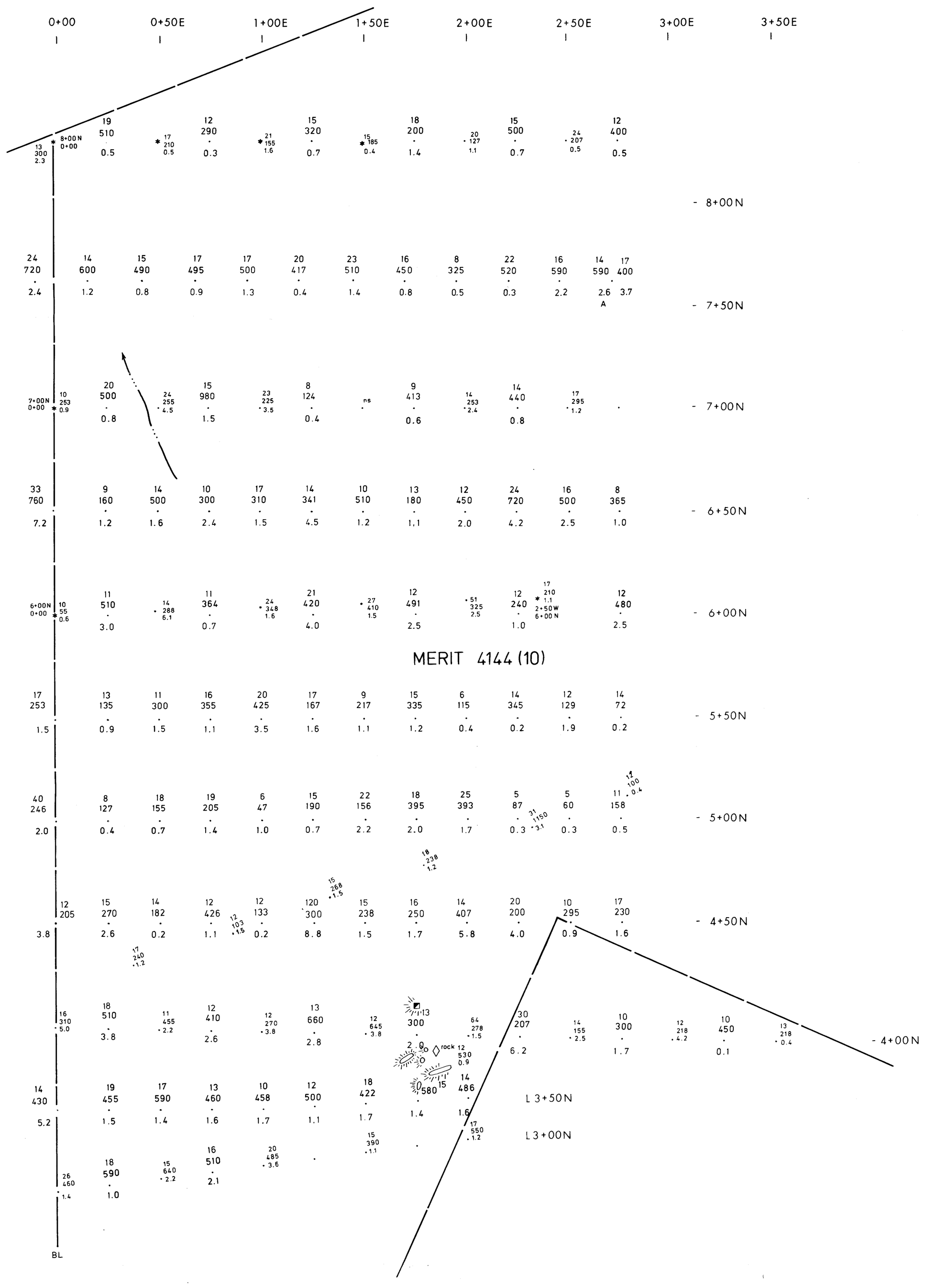
LOCKE B. GOLDSMITH, P. Eng.
CONSULTING GEOLOGIST

PAUL KALLOCK
CONSULTING GEOLOGIST

ARCTEX ENGINEERING SERVICES JULY 1987







15

TROVE RESOURCES LTD.

MERIT CLAIM GROUP

ZINCTON B.C. SLOCAN M.D. 82K/3E

SOIL GEOCHEMISTRY

MERIT CLAIM 4144 (10)

Pb
Zn
Ag
. P.P.M.

REGISTERED PROFESSIONAL ENGINEER
L. B. GOLDSMITH
PROVINCE OF ONTARIO

TO ACCOMPANY REPORT BY

LOCKE B. GOLDSMITH, P. Eng.
CONSULTING GEOLOGIST

PAUL KALLOCK
CONSULTING GEOLOGIST

ARCTEX ENGINEERING SERVICES JULY 1987

SCALE
0 12.5 25 50 75 100 metres
1 : 1250

N

CLIFFS
ROADS
TRAIL
CREEK
drainage
SOIL SAMPLES
CLAIM LINE
POST
OLD FLAG
ADIT
TRENCH
PIT
SHAFT

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,172

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,472

TROVE RESOURCES LTD.
MERIT CLAIM GROUP

ZINCTON, B.C. SLOCAN MINING DIVISION NTS 82K/3E

Rock & Soil Geochemistry

P.P.M. **Pb**

TO ACCOMPANY REPORT BY LOCKE B. GOLDSMITH P. Eng., CONSULTING GEOLOGIST

ARCTEX ENGINEERING SERVICES

November 1986
AMENDED JULY 1987

SCALE: 1:1250 — 0 12.5 25 50 100 METRES

RICH & MERIT CLAIMS

REGISTERED PROFESSIONAL ENGINEER L.B. GOLDSMITH PROVINCE OF ONTARIO

KEY

THRESHOLD 38 P.P.M.

1986 soil samples

1985 soil samples

rock

Claim lines

Property boundary

NORTH

8+25N

8+00N (NEW)

7+75N

7+50N

7+25N

6+75N

6+50N

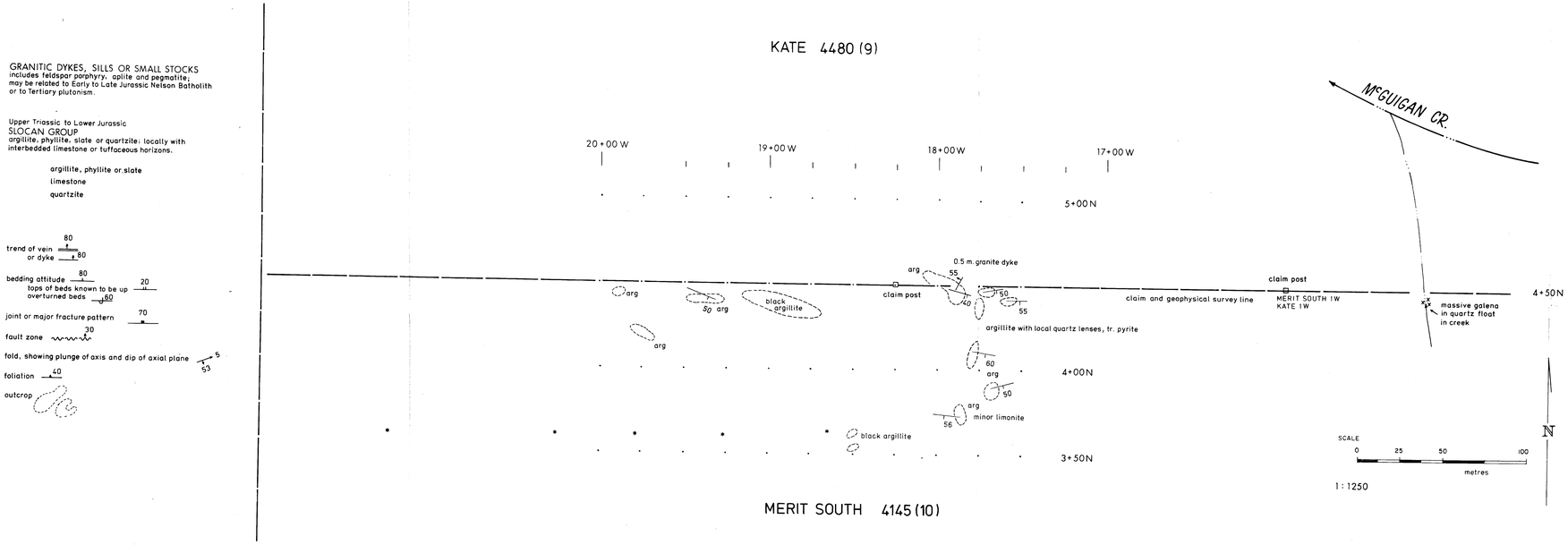
6+25N

APPROX. DRAINAGE

7+00E 8+00E 9+00E 10+00E 11+00E 12+00E 13+00E

MERIT
4144 (10)

RICH
4787 (9)



4

TROVE RESOURCES LTD.

MERIT CLAIM GROUP

ZINCTON B.C. SLOCAN M.D. 82K/3E

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,472

GEOLOGY MAP
KATE CLAIM 4480 (9)

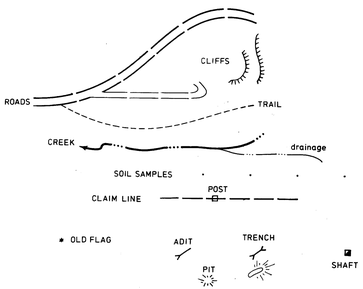
REGISTERED PROFESSIONAL ENGINEER
L. B. GOLDSMITH
PROVINCE OF ONTARIO

TO ACCOMPANY REPORT BY

LOCKE B. GOLDSMITH, P. Eng.
CONSULTING GEOLOGIST

PAUL KALLOCK
CONSULTING GEOLOGIST

ARCTEX ENGINEERING SERVICES JULY 1987



GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,472

TROVE RESOURCES LTD.

MERIT CLAIM GROUP

ZINCTON B.C. SLOCAN M.D. 82K/3E

INDEX MAP
Geology Map
1:5,000

METRES
0 50 100 250 500

TO ACCOMPANY REPORT BY
LOCKE B. GOLDSMITH, P. Eng
CONSULTING GEOLOGIST
AND PAUL KALLOCK, GEOLOGIST

ARCTEX ENGINEERING SERVICES

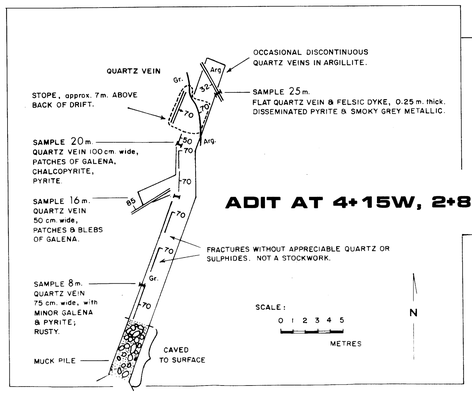
AMENDED JULY 1987
OCTOBER 1985

HIGHWAY
ROAD
AERIAL TRAMWAY
CREEK
GRID LINES
CLAIM LINES
CLIFFS

KEY
TO SYMBOLS USED

ADIT TRENCH SHAFT

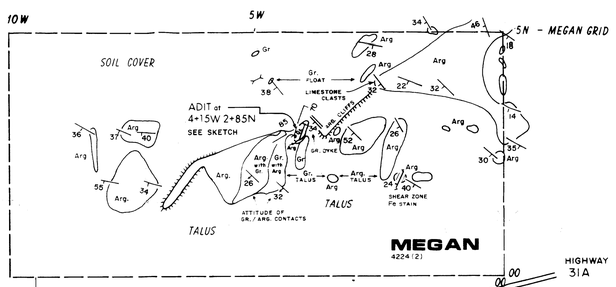
APPROX. BOUNDARY OF TRANSPORTED OVERBURDEN

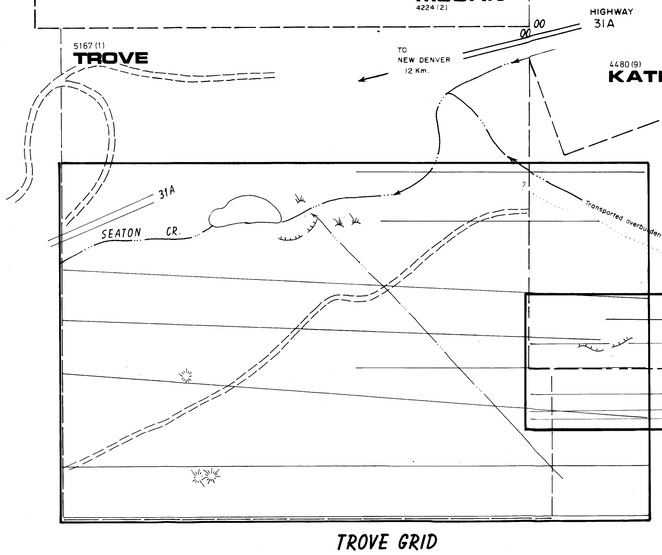


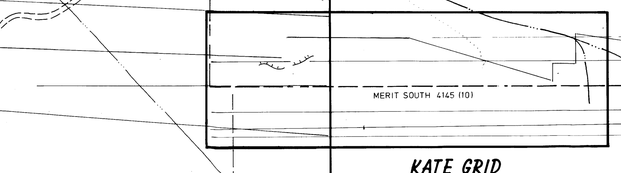
ADIT AT 4+15W, 2+85N

ASSAYS:

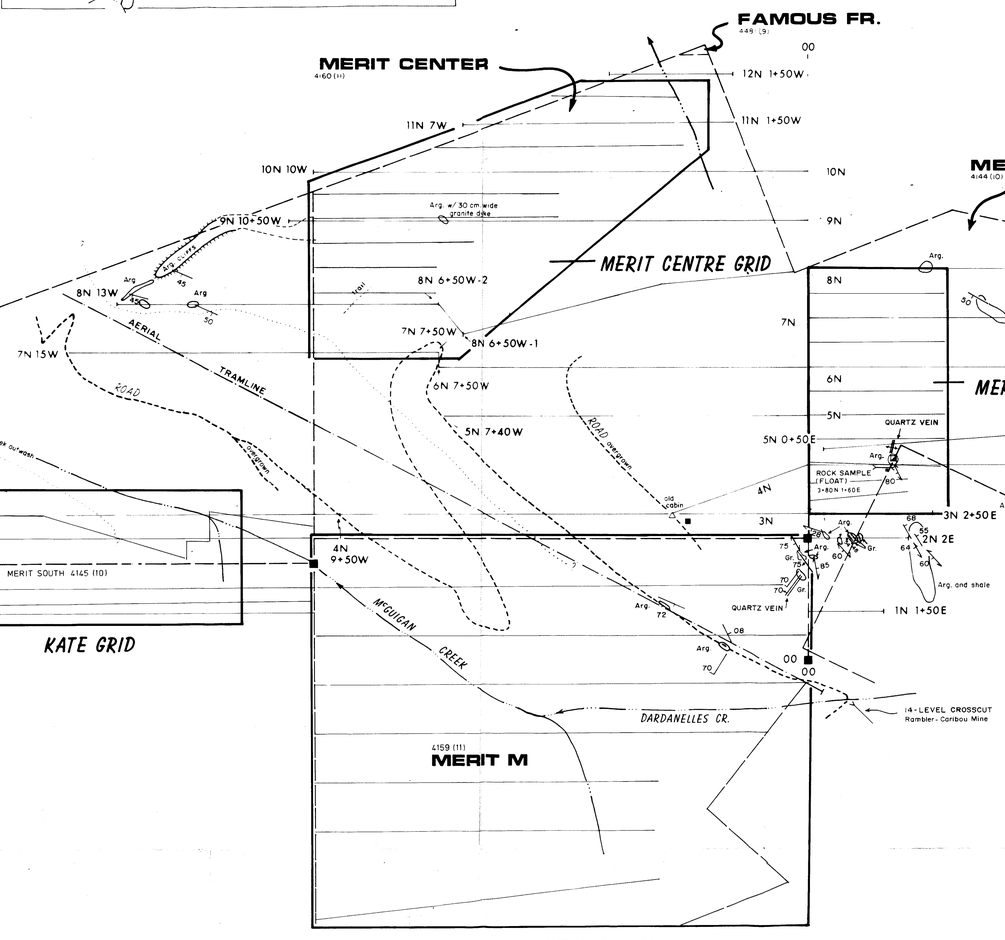
SAMPLE	% Pb	% Zn	oz./ton Ag	oz./ton Au
8m.	0.14	0.12	0.08	0.004
16m.	7.23	0.17	4.85	0.006
20m.	0.62	0.20	0.31	0.006
25m.	0.03	0.03	0.08	0.022

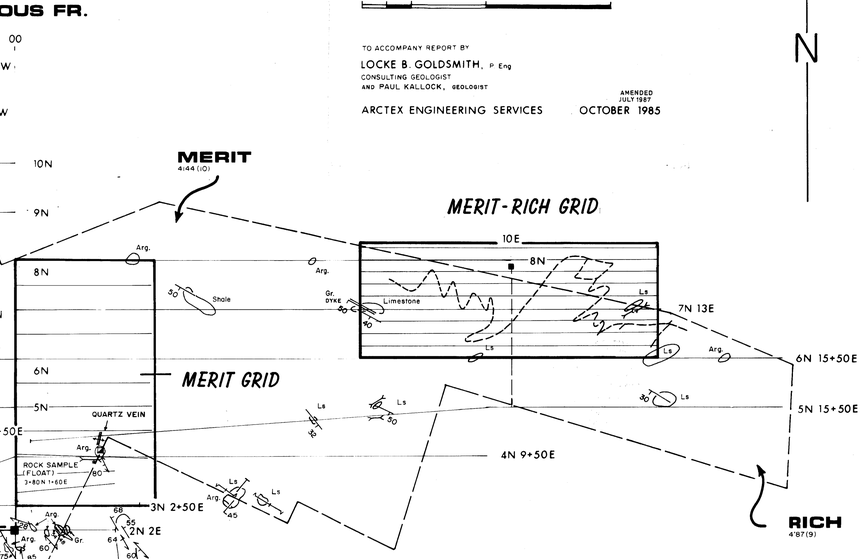






4480 (9)
KATE



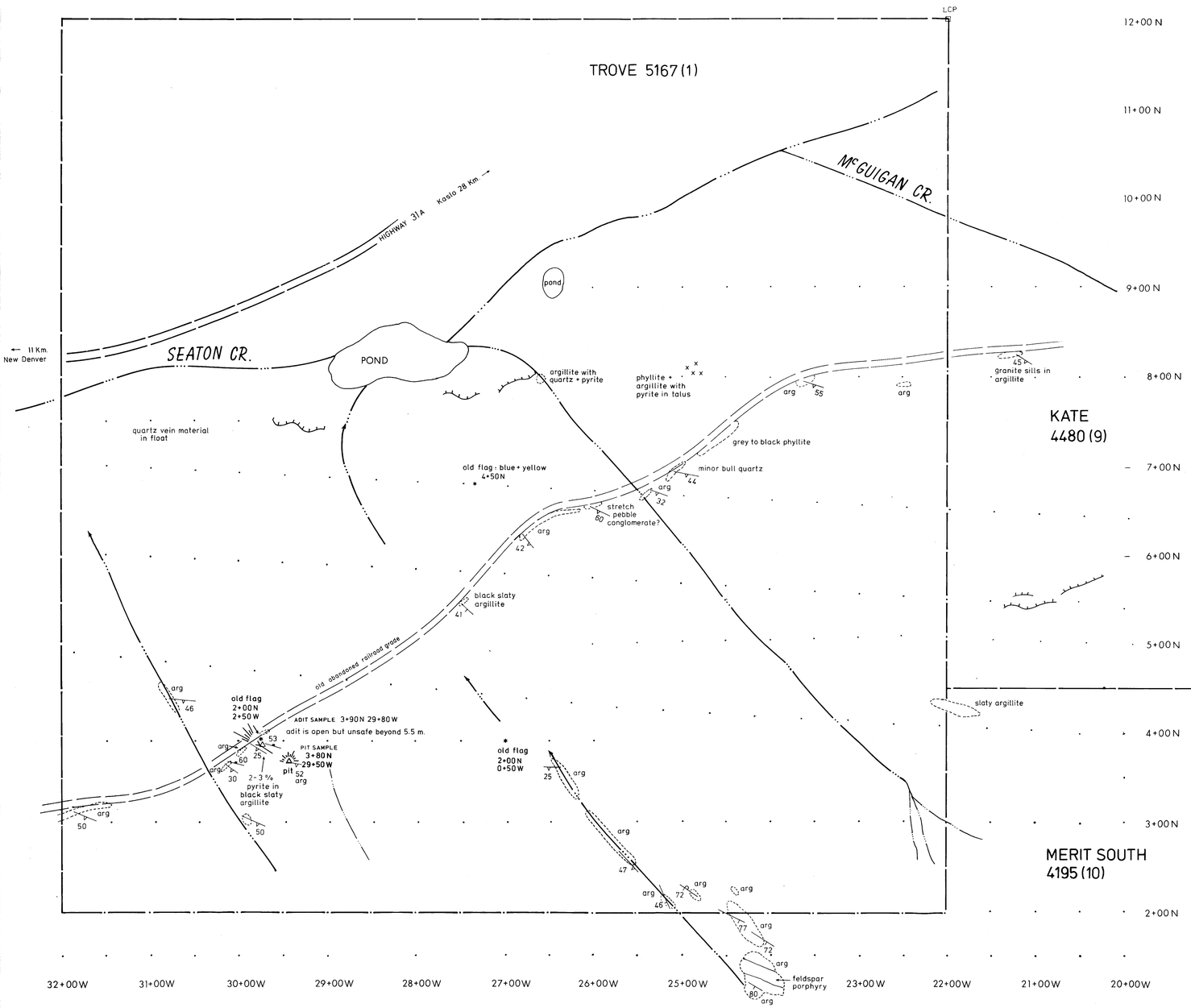


Stratigraphy

JURASSIC and LATER	Gr.	Granite and granitic dykes, sills and stocks	
TRIASSIC – JURASSIC	Arg.	Argillite, with subordinate quartzite and shale.	SLOCAN GROUP
	Ls	Limestone.	

GEOLOGICAL SYMBOLS

	VERTICAL	INCLINED, SHOWING ATTITUDE
SHEAR		24
FRACTURE		95
CLEAVAGE		60
BEDDING		50
CONTACT		54
QUARTZ VEIN		40
DYKE		50



SCALE
0 25 50 100 200
metres
1 : 2500

N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,472

TROVE RESOURCES LTD.

MERIT CLAIM GROUP

ZINCTON B.C. SLOCAN M.D. 82K/3E

GEOLOGY MAP

TROVE CLAIM 5167 (1)

REGISTERED PROFESSIONAL ENGINEER L.B. GOLDSMITH PROVINCE OF ONTARIO

TO ACCOMPANY REPORT BY

LOCKE B. GOLDSMITH, P. Eng. CONSULTING GEOLOGIST

PAUL KALLOCK CONSULTING GEOLOGIST

ARCTEX ENGINEERING SERVICES JULY 1987

CLIFFS
ROADS
TRAIL
CREEK
drainage
SOIL SAMPLES
CLAIM LINE
POST
OLD FLAG
ADIT
TRENCH
PIT
SHAFT

GRANITIC DYKES, SILLS OR SMALL STOCKS
includes feldspar porphyry, aplite and pegmatite; may be related to Early to Late Jurassic Nelson Batholith or to Tertiary plutonism.

Upper Triassic to Lower Jurassic
SLOCAN GROUP
argillite, phyllite, slate or quartzite, locally with interbedded limestone or tuffaceous horizons.

argillite, phyllite or slate
limestone
quartzite

trend of vein or dyke
bedding attitude
tops of beds known to be up
overturned beds
joint or major fracture pattern
fault zone
fold, showing plunge of axis and dip of axial plane
foliation
outcrop

16,472

GEOLOGICAL BRANCH
ASSESSMENT REPORT

(8)

TROVE RESOURCES LTD.

MERIT CLAIM GROUP

ZINCTON B.C. SLOCAN M.D. 82K/3E

GEOLOGY MAP

MERIT CENTER CLAIM 4160 (11)

REGISTERED PROFESSIONAL ENGINEER PROVINCE OF ONTARIO L.B. GOLDSMITH

TO ACCOMPANY REPORT BY

LOCKE B. GOLDSMITH, P. Eng. CONSULTING GEOLOGIST

PAUL KALLOCK CONSULTING GEOLOGIST

ARCTEX ENGINEERING SERVICES JULY 1987

SCALE
0 12.5 25 50 75 100 metres
1 : 1250

N

BL

10+00W 9+00W 8+00W 7+50W 7+00W 6+00W 5+00W 4+00W 3+00W 2+00W

11+50N
11+00N
10+50N
9+50N
9+00N
8+50N
8+00N
7+50N
7+00N

Line 10+00N based on old grid

10+00N 4+75W

old grid line

9+00N 3+00W
9+00N 6+50W
argillite with 2% disseminated cubic pyrite

9+00N 8+00W
arg 25
9+00N 7+50W
arg
9+00N 8+00W
45

8+00N 9+00W
arg 47
arg
8+00N 8+00W
arg 36
arg 55
arg

claim post KATE IN
MERIT CENTER IN

KATE
4490 (9)

MERIT CENTER
4160 (11)

ROADS
CLIFFS
TRAIL
CREEK
drainage
SOIL SAMPLES
POST
CLAIM LINE
OLD FLAG
ADIT
TRENCH
PIT
SHAFT

GRANITIC DYKES, SILLS OR SMALL STOCKS
includes feldspar porphyry, aplite and pegmatite; may be related to Early to Late Jurassic Nelson Batholith or to Tertiary plutonism.

Upper Triassic to Lower Jurassic
SLOCAN GROUP
argillite, phyllite, slate or quartzite, locally with interbedded limestone or tuffaceous horizons.

argillite, phyllite or slate
limestone
quartzite

trend of vein or dyke 80
bedding attitude 80
tops of beds known to be up 20
overturned beds 60
joint or major fracture pattern 70
fault zone 30
fold, showing plunge of axis and dip of axial plane 5 / 53
foliation 40
outcrop

GRANITIC DYKES, SILLS OR SMALL STOCKS
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bedding attitude 80

tops of beds known to be up 20

overturned beds 60

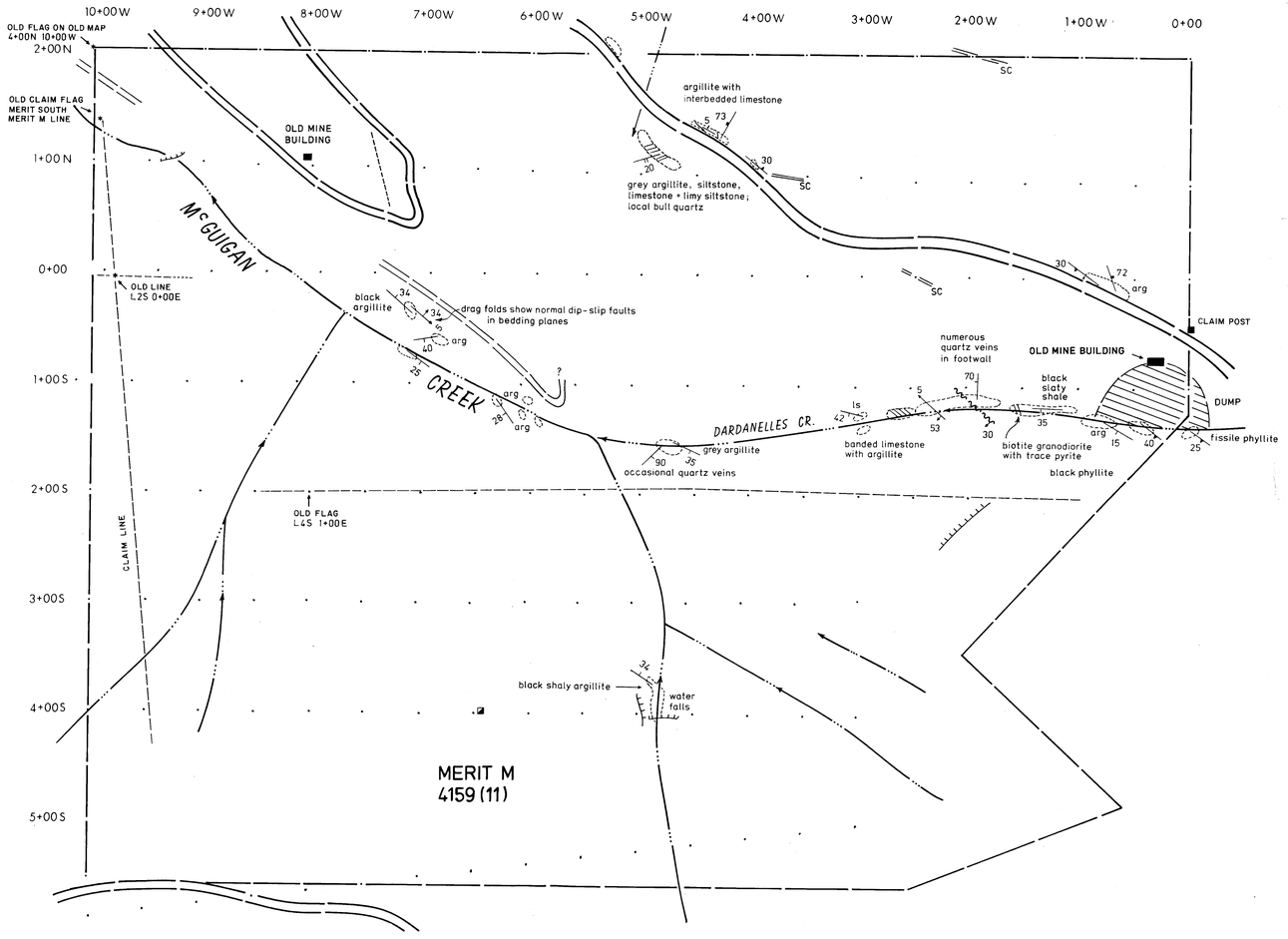
joint or major fracture pattern 70

fault zone 30

fold, showing plunge of axis and dip of axial plane 5, 53

foliation 40

outcrop



SCALE
0 25 50 100 200
metres
1 : 2500

N

(10)

TROVE RESOURCES LTD.

MERIT CLAIM GROUP

ZINCTON B.C. SLOCAN M.D. 82K/3E

GEOLOGY MAP

MERIT M CLAIM
4159 (11)

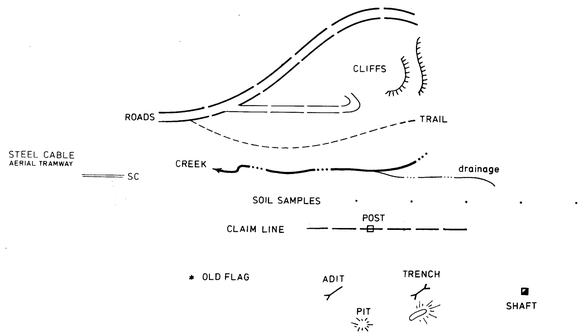
REGISTERED PROFESSIONAL ENGINEER PROVINCE OF ONTARIO
L. B. GOLDSMITH

TO ACCOMPANY REPORT BY

LOCKE B. GOLDSMITH, P. Eng.
CONSULTING GEOLOGIST

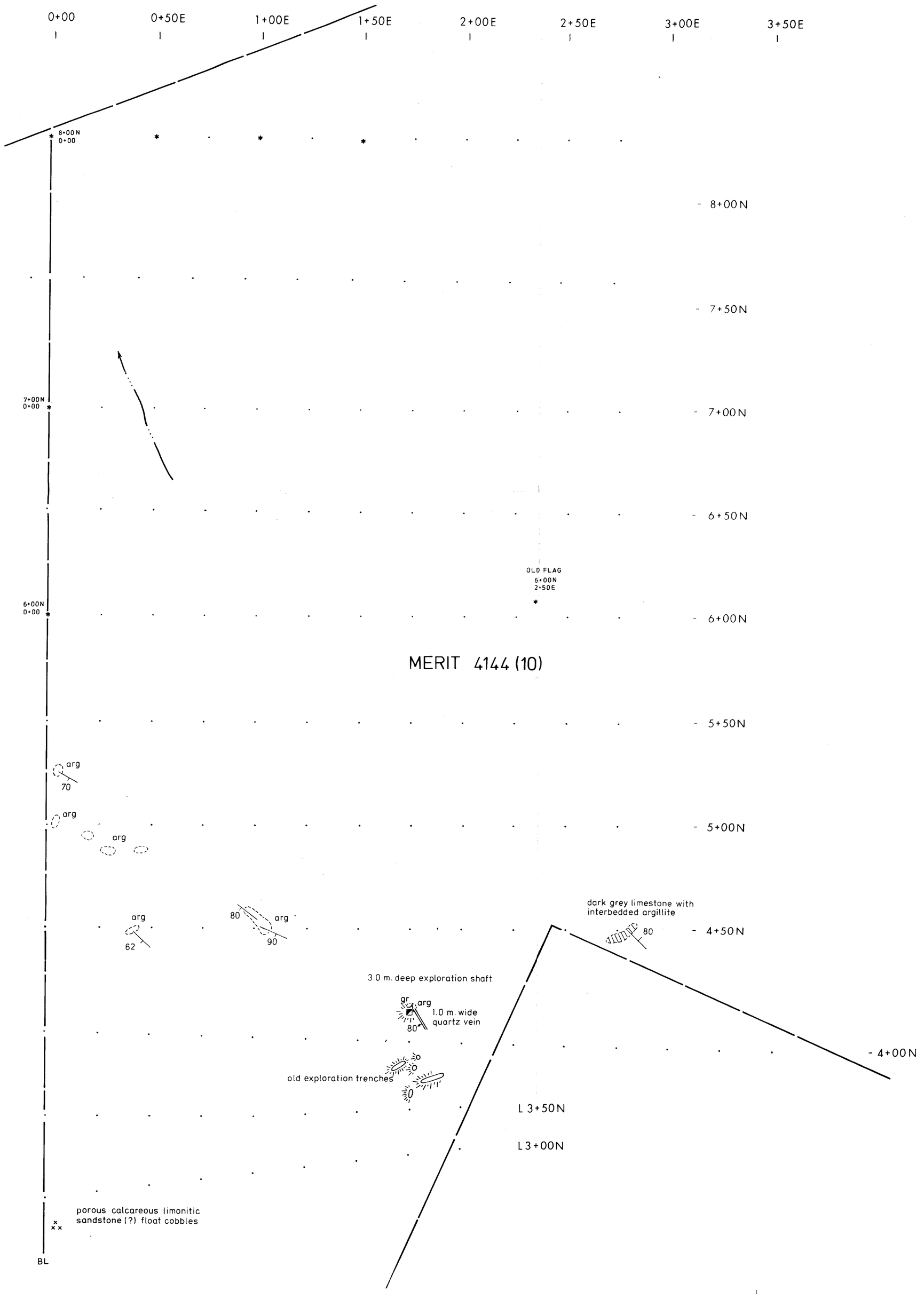
PAUL KALLOCK
CONSULTING GEOLOGIST

ARCTEX ENGINEERING SERVICES JULY 1987



GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,472



(14)

TROVE RESOURCES LTD.

MERIT CLAIM GROUP

ZINCTON B.C. SLOCAN M.D. 82K/3E

GEOLOGY MAP

MERIT CLAIM 4144(10)

REGISTERED PROFESSIONAL ENGINEER
L. B. GOLDSMITH
PROVINCE OF ONTARIO

19,472

GEOLOGICAL BRANCH
ASSESSMENT REPORT

TO ACCOMPANY REPORT BY

LOCKE B. GOLDSMITH, P. Eng.
CONSULTING GEOLOGIST

PAUL KALLOCK
CONSULTING GEOLOGIST

ARCTEX ENGINEERING SERVICES JULY 1987

SCALE

0 12.5 25 50 75 100 metres

1 : 1250

N

GRANITIC DYKES, SILLS OR SMALL STOCKS
includes feldspar porphyry, aplite and pegmatite; may be related to Early to Late Jurassic Nelson Batholith or to Tertiary plutonism.

Upper Triassic to Lower Jurassic
SLOCAN GROUP
argillite, phyllite, slate or quartzite, locally with interbedded limestone or tuffaceous horizons.

argillite, phyllite or slate

limestone

quartzite

trend of vein or dyke 80

bedding attitude 80

tops of beds known to be up 20

overturned beds 60

joint or major fracture pattern 70

fault zone 30

fold, showing plunge of axis and dip of axial plane 5 / 53

foliation 40

outcrop

ROADS

CLIFFS

TRAIL

CREEK

drainage

SOIL SAMPLES

CLAIM LINE

POST

* OLD FLAG

ADIT

TRENCH

PIT

SHAFT

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,472

(16)

TROVE RESOURCES LTD.
MERIT CLAIM GROUP

ZINCTON, B.C. SLOCAN MINING DIVISION NTS 82K/3E

GEOLOGY MAP

RICH & MERIT CLAIMS

TO ACCOMPANY REPORT BY LOCKE B. GOLDSMITH P.Eng., CONSULTING GEOLOGIST
PAUL KALLOCK CONSULTING GEOLOGIST

ARCTEX ENGINEERING SERVICES

JULY 1987

SCALE: 1:1250 (0, 12.5, 25, 50, 100 METRES)

JURASSIC TO TERTIARY

gr GRANITIC DYKES or SILLS : generally less than 1.0 m. wide, often contain abundant fine-grained disseminated pyrite. Weather to soft, porous brown rock at surface.

UPPER TRIASSIC TO LOWER JURASSIC

SLOCAN GROUP

arg ARGILLITE PHYLLITE or SLATE

ls LIMESTONE

bedding attitude 40

vertical

foliation attitude 40

syncline with plunge angle 10

anticline with plunge angle 35

attitude of dyke or vein 75

recent bulldozer road

outcrop

cliffs

joint or major fracture pattern 70

cleavage 55

KEY

1986 soil samples • rock ♦

1985 soil samples ○

Claim lines

Property boundary

NORTH

8+25N
8+00N (NEW)
7+75N
7+50N
7+25N
7+00N
6+75N
6+50N
6+25N

6E 7E 8E

7+00E 8+00E 9+00E 10+00E 11+00E 12+00E 13+00E

MERIT 4144 (10)

RICH 4787 (9)

iron-stained outcrops argillite ?

slaty argillite

fissile shale with occasional limestone lenses

strong iron-stained slaty argillite

strong limonite, slaty argillite

rusty black shale

graphitic arg + shale

arg + shaly arg

quartzite

slaty argillite

slaty argillite

granite dyke/sill

limestone with local quartz

black ls

slaty argillite with interbedded limestone

gr sill

4 cm. limonite vein

goethite on fractures : 4 per metre

local quartz + limonite; also interbedded grey to black limestone with 2-3 % pyrite

vuggy quartz in argillite

slaty black argillite

landslide (?) scarps

quartz vein parallel to sill 1-15 cm. wide; vuggy with local hematite, hosted in limy argillite

0.5 m granite dyke/sill with 5% disseminated pyrite, weathers to soft porous brown rock at surface

at least 5 < 1 cm. quartz veinlets with limonite, which are parallel to bedding; also several perpendicular limonitic fractures.

black ls minor pyrite

to Dardanelles Cr.