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GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORTS

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**GEOLOGY AND SOIL GEOCHEMISTRY
RIDGE AND ALPINE CLAIM GROUP
SLOCAN MINING DIVISION
RETALLACK, B.C.
NTS 82 K/3 E
LATITUDE 50°00'30", LONGITUDE 117°10'W**

**Prepared for
TOUCHSTONE RESOURCES LTD.**

FILMED

ARCTEX ENGINEERING SERVICES

**Locke B. Goldsmith, P.Eng., P.Geo.
Consulting Geologist**

**GEOLOGICAL BRANCH
ASSESSMENT REPORT
October 4, 1995**

24,095

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Analytical Procedures	
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MAP:	
Geology and Soil Geochemistry, Silver, Lead, Zinc, 1:5000	(Pocket inside back cover)

**GEOLOGY AND SOIL GEOCHEMISTRY
RIDGE AND ALPINE CLAIM GROUP
SLOCAN MINING DIVISION
RETALLACK, B.C.
NTS 82 K/3 E**

SUMMARY

Silver-lead-zinc mineralization is present in the Bon Ton adits and is reported from several workings in the south central part of the claims.

Soil geochemistry has located two anomalous areas which appear to contain metals which are derived from bedrock sources. Detailed geochemical sampling in the vicinity of these targets is recommended at an estimated cost of \$6500.

PROPERTY, LOCATION, ACCESS

The property is located 3.5 km southeast of the formerly productive Lucky Jim mine at Zincton in the Slocan Mining Division, southeastern British Columbia. The Dardanelles mine is situated 0.5 km to the southwest of the Ridge 2 claim. The Bon Ton adits are on the Ridge 1 claim.

Highway 31A which joins the towns of New Denver and Kaslo passes 3 km to the north of the claim group. A dirt road which departs southerly from Highway 31A at Retallack provides access into the eastern sector of the property, and various mining roads branch into the remainder of the claims. Elevations range between 1550 m (5100') on the northern boundary in the valley of Stenson (Jackson) Creek and 2225 m (7300') on the west side of the Ridge 2 claim.

<i>Claim Name</i>	<i>Units</i>	<i>Record Number</i>
Ridge 1	1	331414
" 2	1	331415
" 3	1	331416
" 4	1	331417
Ridge Fr	1	331413
Ridge 2 Fr	1	331412
Alpine Fr	1	331411
Alpine 1	1	331418
" 2	1	331419
" 3	1	331420
" 4	1	331421

Total area is 8 units and 3 fractions amounting to approximately 180 hectares.

HISTORY

Production of hand-picked high-grade silver-lead is recorded from the Bon Ton adits. The Dardanelles mine which may be on the same structure also has recorded shipments.

The Winona and Boon adits are located 0.75 km uphill to the southwest of an anomalous sample at 2+00W 10+50S, and may have contributed metals to the drainage which passes near the sample site.

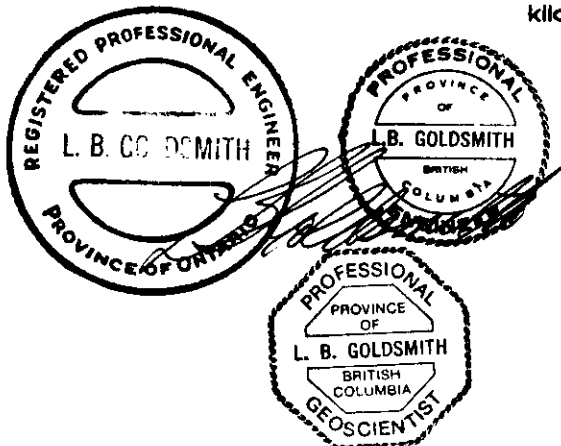
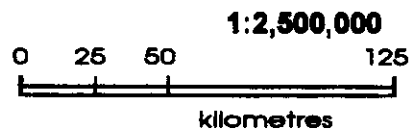
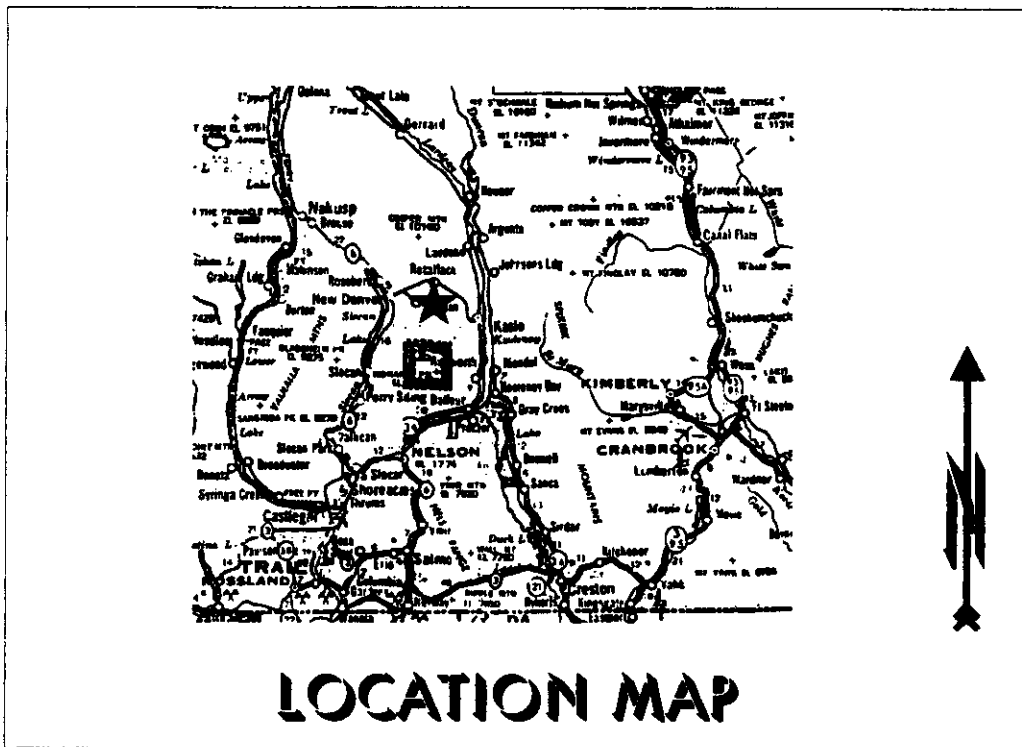
The Jackson and Northern Belle adits developed a mineralized fissure which produced feed circa 1898-1906 for a mill located adjacent to the mine on Jackson Creek.

Touchstone Resources Ltd.

Slocan Mining Camp

Retallack BC
Slocan Mining Division
NTS 82K/3E

Ridge and Alpine Claims



To accompany report by
Locke B. Goldsmith, P.Eng., P.Geo.
Consulting Geologist

ARCTEX ENGINEERING SERVICES
September 1995

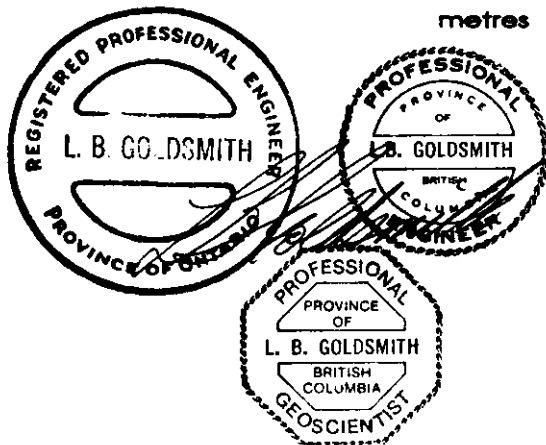
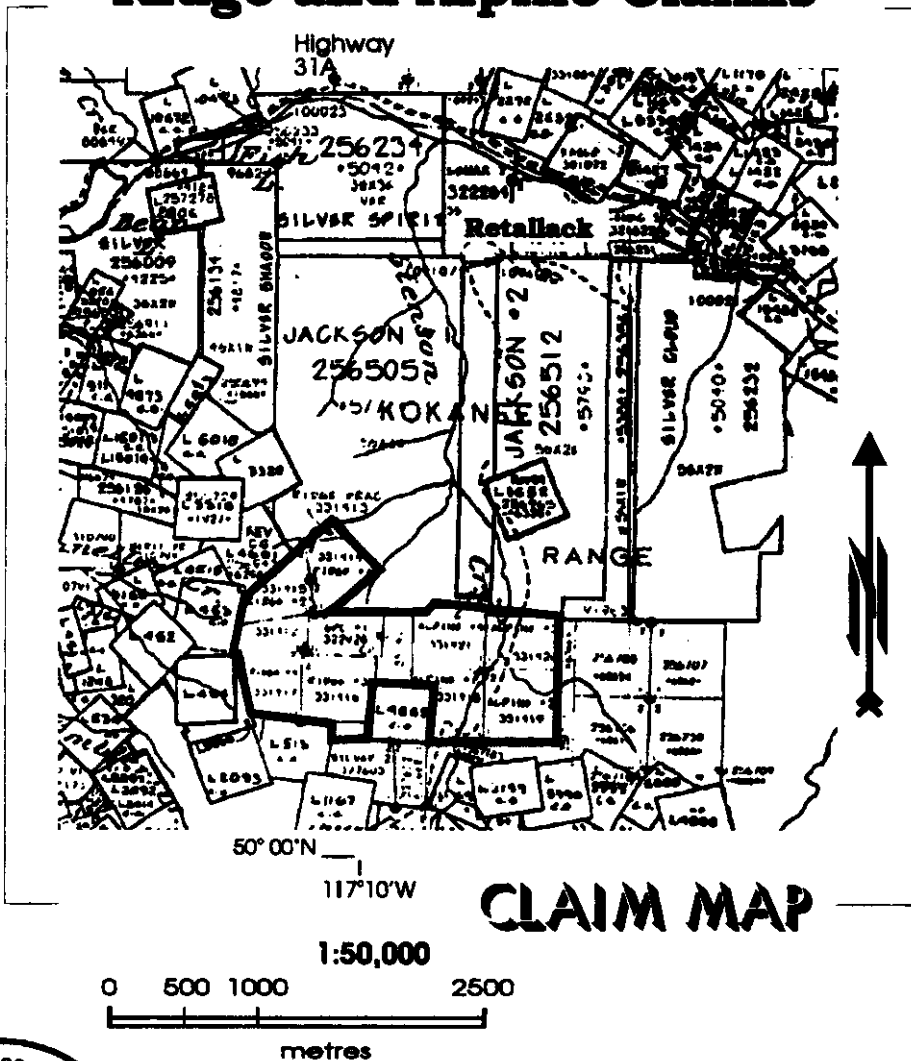
Figure 1

Touchstone Resources Ltd.

Slocan Mining Camp

Retallack BC
Slocan Mining Division
NTS 82K/3E

Ridge and Alpine Claims



To accompany report by

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Consulting Geologist

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September 1995

Figure 2

Adits on the Custer-T.P. (Corrigan Group) are probably on the northwest extension of the Jackson lode. One of the claims within this property was previously named the Florida, which had also recorded shipments.

MINDEP files of the University of British Columbia list the following production.

<i>Name</i>	<i>Short Tons</i>	<i>Ag oz/ton</i>	<i>Au oz/ton</i>	<i>Pb %</i>	<i>Zn %</i>
Bon Ton	13	213		22.7	
Dardanelles	725	198		28.7	4.20
Winona and Boon	19	94.3	0.051	46.9	15.3
Dublin Queen	32	67.7		58.0	
Jackson	6314	15.3	0.0019	14.6	11.5
Northern Belle	1203	53.4		34.9	
Corrigan	11	168.0		58.0	
Florida	121	42.0		33.0	

Numerous dozer trenches in a flat area on line 2+00W between 10+00S and 11+00S have exposed shaly argillite and granitic sills or dykes but no mineralization was observed.

GEOLOGY AND MINERALIZATION

Sedimentary rocks exposed within the claims belong to the upper Triassic to lower Jurassic Slokan 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.

Slate and slaty argillite are the predominant rock types on the claims. Foliation (bedding) attitudes trend northwesterly with most dips to the southwest. A broad granitic sill trends northwesterly through the Ridge 3 claim.

On the Bon Ton adit dumps fragments of brecciated quartz contain a gray-black amorphous sulphide. Sample ALP-1 of this picked material contains 70 ppm Ag, 2970 ppm Pb, and 550 ppm Zn.

Ore from adits in the southeast corner of the grid was moved by aerial tram a short distance downhill to a mill site on Stenson Creek.

SOIL GEOCHEMICAL SURVEY

Hip-chain and compass grid lines were oriented at 340° across the claims. Lines were spaced 100 metres apart with samples at 50 metre intervals. Samples were collected with long-bladed shovels from the lower "B" or "C" soil horizon between 15 and 35 cm in depth. One hundred and eighty-nine samples were analysed for lead, zinc, and silver. A map at a scale of 1:5000 is included in a pocket at the back of this report. Certificates of analysis and procedures are included in the Appendix.

The following table displays statistical data concerning metal abundance derived from lognormal probability plots. Years of soil sampling results over Slocan Group rocks have been compiled into this information.

	<i>Ag</i> <i>ppm</i>	<i>Pb</i> <i>ppm</i>	<i>Zn</i> <i>ppm</i>
Background	<2.3	<38	} Possibly two populations
Threshold	2.3 to 4.9	38 to 150	
Anomalous	74.9	>150	>980

An anomalous sample at 2+00W 10+50S taken from a flat basin where many dozer trenches have been dug contains 34.0 ppm Ag, >10,000 ppm Pb, and 2300 ppm Zn. No mineralization was seen in place. It is possible that ore may have been stockpiled at this site but it is not conveniently accessible from the road.

High metals at 1+00W 12+00S are near the dump from an adit.

Anomalous values at 1+00E 4+00N are downslope to the northeast of the dump from the upper Bon Ton adit. Threshold values at 1+00E 4+50N may be derived from subcroppings of the Bon Ton lode.

A high lead value at 0+00 13+00S and a threshold value at 0+00 12+50S are probably from contamination beside a road.

Elevated lead and silver at 1+00E 12+50S and 13+50S are near a road, campsite, and a water diversion ditch. Contamination is possible.

Anomalous lead and zinc at 3+00E, 10+50S and 3+00E 11+50S may be derived from mineralization in place. An elevated value at 4+00E 12+00S may be related.

A high zinc value at 5+00E 9+50S is unexplained but is downslope from a road.

High values at 7+00E 9+00S are 8 metres downslope from a road.

CONCLUSIONS

Various adits have been driven to prospect lode systems and quantities of high grade silver-lead-zinc have been mined from within and near the claims.

Anomalous silver-lead at 2+00W 10+50S may be derived from mineralization in place nearby, or may have been transported by a drainage which enters the basin from the southwest. Values near 3+00E 10+50S may be migrating from a bedrock source.

RECOMMENDATIONS

Detailed geochemical sampling should be completed to explore the areas near 2+00W 10+50S and 3+00E 10+50S.

COST ESTIMATE

A budget of \$6500 should be available.

Results of each phase should be compiled into an engineering report. Continuance to the subsequent phase should be contingent upon favourable conclusions and recommendations of an Engineer.

Respectfully submitted,



Locke B. Goldsmith, P.Eng., P.Geo.
Consulting Geologist



Vancouver, B.C.
October 4, 1995

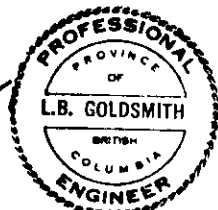
ENGINEER'S CERTIFICATE
LOCKE B. GOLDSMITH

1. I, Locke B. Goldsmith, am a registered Professional Engineer in the Provinces of Ontario and British Columbia, and a Registered Professional Geologist in British Columbia and 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, an 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 a Fellow of the Geological Association of Canada.
3. I have been engaged in mining exploration for the past 37 years.
4. I have authored the report entitled, "Geology and Soil Geochemistry, Ridge and Alpine Claim Group, Slocan Mining Division, Retallack, B.C." dated October 4, 1995. The report is based upon fieldwork and research supervised by the author.
5. I have no ownership in the property, nor in the securities of Touchstone Resources Ltd., nor do I anticipate acquiring or receiving any interest in the securities of Touchstone 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,

A handwritten signature in black ink, appearing to read "Locke B. Goldsmith", written over the professional seals.



Locke B. Goldsmith, P.Eng., P.Geol.
Consulting Geologist

Vancouver, B.C.
October 4, 1995

REFERENCES

Cairnes, C.E., 1935, Description of Properties, Slocan Mining Camp, British Columbia. GSC Memoir 184.

Goldsmith, L.B., 1991, Geology and Soil Geochemistry, Jackson 1 and 2 et al. Mineral Claim Group, Slocan Mining Division, Retallack, B.C. Private report for Canton Ventures Ltd.

University of British Columbia MINDEP computer files.

COST STATEMENT, 1995 PROGRAM

Personnel

L.B. Goldsmith, Oct 22-26, total 5 days @ \$440/day	\$2200.00	
C. Donald-Hill, Oct 22-26, total 5 days @ \$250/day	<u>1250.00</u>	\$3450.00

Transportation

4x4 vehicle, 5 days @ \$45/day	\$225.00	
1858 km @ \$0.35/km	650.30	
Gas	<u>170.45</u>	
	1045.75	1045.75
= \$209.15/day		

Accommodation, Meals

\$671.60 divided by 10 man days = 67.16/man/day		671.60
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Analyses

189 samples cost = \$7.55/sample		1427.22
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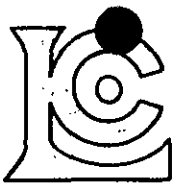
Supplies

Flagging, toprofil, sample bags		41.20
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Report

Drafting, word processing, materials	<u>537.40</u>	
		\$7173.17

APPENDIX



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

ARCTEX ENGINEERING SERVICES

210 - 580 HORNBY ST.
VANCOUVER, BC
V6C 3G6

A9530170

Comments: ATTN: L. B. GOLDSMITH

CERTIFICATE

A9530170

(FL) - ARCTEX ENGINEERING SERVICES

Project: RIDGE
P.O. #:

samples submitted to our lab in Vancouver, BC.
This report was printed on 9-OCT-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	189	Dry, sieve to -80 mesh
238	189	Nitric-aqua-regia digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
4	189	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	189	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
6	189	Ag ppm: HNO3-aqua regia digest	AAS-BKGD CORR	0.2	100.0



Chemex Labs Ltd.

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TO: ARCTEX ENGINEERING SERVICES

210 - 580 HORNBY ST.
VANCOUVER, BC
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A9530171

Comments: ATTN: L. B. GOLDSMITH

CERTIFICATE

A9530171

(FL) - ARCTEX ENGINEERING SERVICES

Project: RIDGE
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 9-OCT-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	1	Geochem ring to approx 150 mesh
226	1	0-3 Kg crush and split
3204	1	Save 1 Kg reject for 90 days
238	1	Nitric-aqua-regia digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
4	1	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	1	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
6	1	Ag ppm: HNO3-aqua regia digest	AAS-BKGD CORR	0.2	100.0



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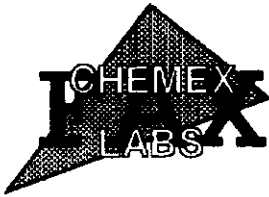
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 Total Pages 1
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 Invoice No. I-9530171
 P.O. Number
 Account

CERTIFICATE OF ANALYSIS	A9530171
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SAMPLE DESCRIPTION	PREP CODE	Pb ppm	Zn ppm	Ag ppm Aqua R						
ALP1	205 226	2970	550	70.0						

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Analytical Chemists * Geochemists * Registered Assayers
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 Total Pages 5
 Certificate Date: 9-OCT-95
 Invoice No. I-9530170
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CERTIFICATE OF ANALYSIS	A9530170
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LINE0-0+50N	201 238	14	167	0.2						
LINE0-1+00N	201 238	12	118	< 0.2						
LINE0-1+50N	201 238	11	164	0.4						
LINE0-2+00N	201 238	6	128	< 0.2						
LINE0-2+50N	201 238	5	159	0.3						
LINE0-3+00N	201 238	10	163	0.8						
LINE0-3+50N	201 238	6	143	0.3						
LINE0-4+00N	201 238	8	114	0.2						
LINE0-4+50N	201 238	13	146	0.3						
LINE0-5+00N	201 238	8	131	< 0.2						
L0+00-00+50S	201 238	14	164	< 0.2						
L0+00-01+00S	201 238	12	129	< 0.2						
L0+00-01+50S	201 238	18	177	1.0						
L0+00-02+00S	201 238	14	170	0.7						
L0+00-02+50S	201 238	10	123	0.2						
L0+00-03+00S	201 238	14	177	0.5						
L0+00-03+50S	201 238	196	305	1.0						
L0+00-04+00S	201 238	19	210	< 0.2						
L0+00-04+50S	201 238	16	126	2.4						
L0+00-05+00S	201 238	17	210	2.2						
L0+00-05+50S	201 238	34	188	0.5						
L0+00-06+00S	201 238	20	90	0.6						
L0+00-06+50S	201 238	20	172	1.0						
L0+00-07+00S	201 238	26	148	0.2						
L0+00-07+50S	201 238	12	127	0.2						
L0+00-08+00S	201 238	31	148	0.4						
L0+00-08+50S	201 238	38	195	1.0						
L0+00-09+00S	201 238	24	780	1.0						
L0+00-09+50S	201 238	23	138	0.4						
L0+00-10+00S	201 238	56	186	0.8						
L0+00-10+50S	201 238	38	200	0.5						
L0+00-11+00S	201 238	16	95	0.2						
L0+00-11+50S	201 238	14	80	1.1						
L0+00-12+00S	201 238	38	255	0.3						
L0+00-12+50S	201 238	350	810	2.1						
L0+00-13+00S	201 238	50	>10000	1.5						
L0+00-13+50S	201 238	20	230	1.0						
L0+00-14+00S	201 238	25	205	0.6						
L1+00E-10+00S	201 238	18	275	1.6						

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SAMPLE DESCRIPTION	PREP CODE	Pb ppm	Zn ppm	Ag ppm Aqua R							
L1+00E-10+50S	201 238	17	125	0.7							
L1+00E-11+00S	201 238	6	39	1.0							
L1+00E-11+50S	201 238	11	76	0.6							
L1+00E-12+00S	201 238	72	390	1.6							
L1+00E-12+50S	201 238	132	345	2.0							
L1+00E-13+00S	201 238	98	365	1.9							
L1+00E-13+50S	201 238	67	1050	2.5							
L1+00E-14+00S	201 238	61	335	0.8							
L2+00E-00+00	201 238	14	96	0.5							
L2+00E-00+50S	201 238	20	125	0.9							
L2+00E-01+00S	201 238	8	54	0.4							
L2+00E-01+50S	201 238	16	120	0.4							
L2+00E-10+50S	201 238	46	480	0.8							
L2+00E-11+00S	201 238	50	430	3.2							
L2+00E-11+50S	201 238	39	265	1.0							
L2+00E-12+00S	201 238	58	250	1.5							
L2+00E-12+50S	201 238	19	265	1.1							
L2+00E-13+00S	201 238	66	350	0.8							
L2+00E-14+00S	201 238	80	630	1.3							
L3+00E-10+00S	201 238	250	1150	2.8							
L3+00E-10+50S	201 238	30	320	1.0							
L3+00E-11+00S	201 238	78	380	1.0							
L3+00E-11+50S	201 238	190	1700	2.4							
L3+00E-12+00S	201 238	182	630	1.5							
L3+00E-12+50S	201 238	54	265	1.8							
L3+00E-13+00S	201 238	58	270	1.2							
L4+00E-08+00S	201 238	26	750	2.8							
L4+00E-08+50S	201 238	122	360	3.2							
L4+00E-09+00S	201 238	42	235	1.0							
L4+00E-09+50S	201 238	62	290	1.2							
L4+00E-10+00S	201 238	124	490	1.1							
L4+00E-10+50S	201 238	90	215	1.3							
L4+00E-11+00S	201 238	98	430	1.2							
L4+00E-11+50S	201 238	32	120	0.7							
L4+00E-12+00S	201 238	180	475	2.8							
L5+00E-05+00S	201 238	19	220	0.3							
L5+00E-05+50S	201 238	25	200	0.5							
L5+00E-06+00S	201 238	22	240	0.8							
L5+00E-06+50S	201 238	34	205	0.5							
L5+00E-07+00S	201 238	34	375	2.0							

10/09/95 6:37PM CHEMEX LABS VAX-FAX2

PAGE 003



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
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 Comments: ATTN: L. B. GOLDSMITH

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 Invoice No. I-9530170
 P.O. Number :
 Account :

CERTIFICATE OF ANALYSIS	A9530170
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SAMPLE DESCRIPTION	PREP CODE	Pb ppm	Zn ppm	Ag ppm Aqua R						
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L5+00E-08+00S	201 238	26	200	0.4						
L5+00E-08+50S	201 238	19	335	2.5						
L5+00E-09+00S	201 238	22	530	0.6						
L5+00E-09+50S	201 238	66	1000	1.3						
L5+00E-10+00S	201 238	55	330	1.5						
L6+00E-05+00S	201 238	23	220	< 0.2						
L6+00E-05+50S	201 238	122	245	0.9						
L6+00E-06+00S	201 238	24	175	< 0.2						
L6+00E-06+50S	201 238	19	96	1.4						
L6+00E-07+00S	201 238	28	215	0.6						
L6+00E-07+50S	201 238	26	144	0.3						
L6+00E-08+00S	201 238	29	159	0.9						
L6+00E-08+50S	201 238	119	210	1.8						
L6+00E-09+00S	201 238	30	300	< 0.2						
L7+00E-03+00S	201 238	32	144	0.3						
L7+00E-03+50S	201 238	16	147	0.4						
L7+00E-04+00S	201 238	32	140	0.5						
L7+00E-04+50S	201 238	32	180	0.3						
L7+00E-05+00S	201 238	54	181	0.5						
L7+00E-05+50S	201 238	40	205	0.2						
L7+00E-06+00S	201 238	26	179	0.2						
L7+00E-06+50S	201 238	32	183	0.3						
L7+00E-07+00S	201 238	28	235	1.2						
L7+00E-07+50S	201 238	32	192	0.4						
L7+00E-08+00S	201 238	52	245	0.9						
L7+00E-08+50S	201 238	34	305	0.6						
L7+00E-09+00S	201 238	570	1300	4.7						
L7+00E-09+50S	201 238	62	530	1.6						
L7+00E-10+00S	201 238	78	590	1.0						
L8+00E-03+00S	201 238	22	119	0.2						
L8+00E-03+50S	201 238	20	160	0.2						
L8+00E-04+00S	201 238	18	170	0.2						
L8+00E-04+50S	201 238	40	240	0.2						
L8+00E-05+00S	201 238	32	380	< 0.2						
L8+00E-05+50S	201 238	28	189	0.2						
L8+00E-06+00S	201 238	16	75	< 0.2						
L8+00E-06+50S	201 238	40	194	0.7						
L8+00E-07+00S	201 238	68	285	0.7						
L8+00E-07+50S	201 238	50	255	0.6						

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Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

To: ARCTEX ENGINEERING SERVICES

210 - 580 HORNBY ST.
 VANCOUVER, BC
 V6C 3G6

Project: RIDGE
 Comments: ATTN: L. B. GOLDSMITH

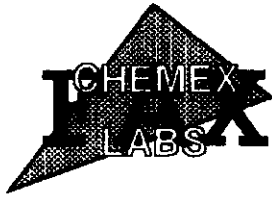
Page Number 4
 Total Pages 5
 Certificate Date: 9-OCT-95
 Invoice No. I-9530170
 P.O. Number :
 Account :

CERTIFICATE OF ANALYSIS A9530170

SAMPLE DESCRIPTION	PREP CODE	Pb ppm	Zn ppm	Ag ppm Aqua R								
L8+00E-08+00S	201 238	52	181	< 0.2								
LINEL+00E-00+00	201 238	16	69	0.2								
LINEL+00E-00+50N	201 238	26	194	3.2								
LINEL+00E-01+00N	201 238	14	132	0.4								
LINEL+00E-01+50N	201 238	10	103	0.4								
LINEL+00E-02+00N	201 238	16	145	< 0.2								
LINEL+00E-02+50N	201 238	44	220	0.2								
LINEL+00E-03+00N	201 238	19	200	< 0.2								
LINEL+00E-03+50N	201 238	12	265	0.6								
LINEL+00E-04+00N	201 238	600	3600	27.0								
LINEL+00E-04+50N	201 238	45	810	2.4								
LINEL+00E-05+00N	201 238	14	920	0.3								
L2+00E-00+50N	201 238	15	87	0.3								
L2+00E-01+00N	201 238	16	127	< 0.2								
L2+00E-01+50N	201 238	23	380	4.8								
L2+00E-02+00N	201 238	18	143	0.4								
L2+00E-02+50N	201 238	22	1300	0.6								
L2+00E-03+00N	201 238	18	235	< 0.2								
L2+00E-03+50N	201 238	17	181	1.0								
L2+00E-04+00N	201 238	22	485	1.2								
L2+00E-04+50N	201 238	54	171	0.3								
L2+00E-05+00N	201 238	11	85	< 0.2								
L1+00W-01+50S	201 238	16	200	0.7								
L1+00W-02+00S	201 238	22	133	0.5								
L1+00W-02+50S	201 238	26	113	0.2								
L1+00W-03+00S	201 238	26	122	1.5								
L1+00W-03+50S	201 238	42	245	< 0.2								
L1+00W-04+00S	201 238	12	710	1.0								
L1+00W-04+50S	201 238	35	265	1.2								
L1+00W-05+00S	201 238	30	400	2.2								
L1+00W-05+50S	201 238	30	520	1.0								
L1+00W-06+00S	201 238	36	225	1.2								
L1+00W-06+50S	201 238	37	670	2.4								
L1+00W-07+00S	201 238	58	260	1.0								
L1+00W-07+50S	201 238	38	270	0.9								
L1+00W-08+00S	201 238	48	142	0.7								
L1+00W-08+50S	201 238	16	215	0.6								
L1+00W-09+00S	201 238	34	315	2.6								
L1+00W-09+50S	201 238	22	510	0.8								
L1+00W-10+00S	201 238	20	220	0.5								

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Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

To: ARCTEX ENGINEERING SERVICES

210 - 580 HORNBY ST.
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Project: RIDGE
 Comments: ATTN: L. B. GOLDSMITH

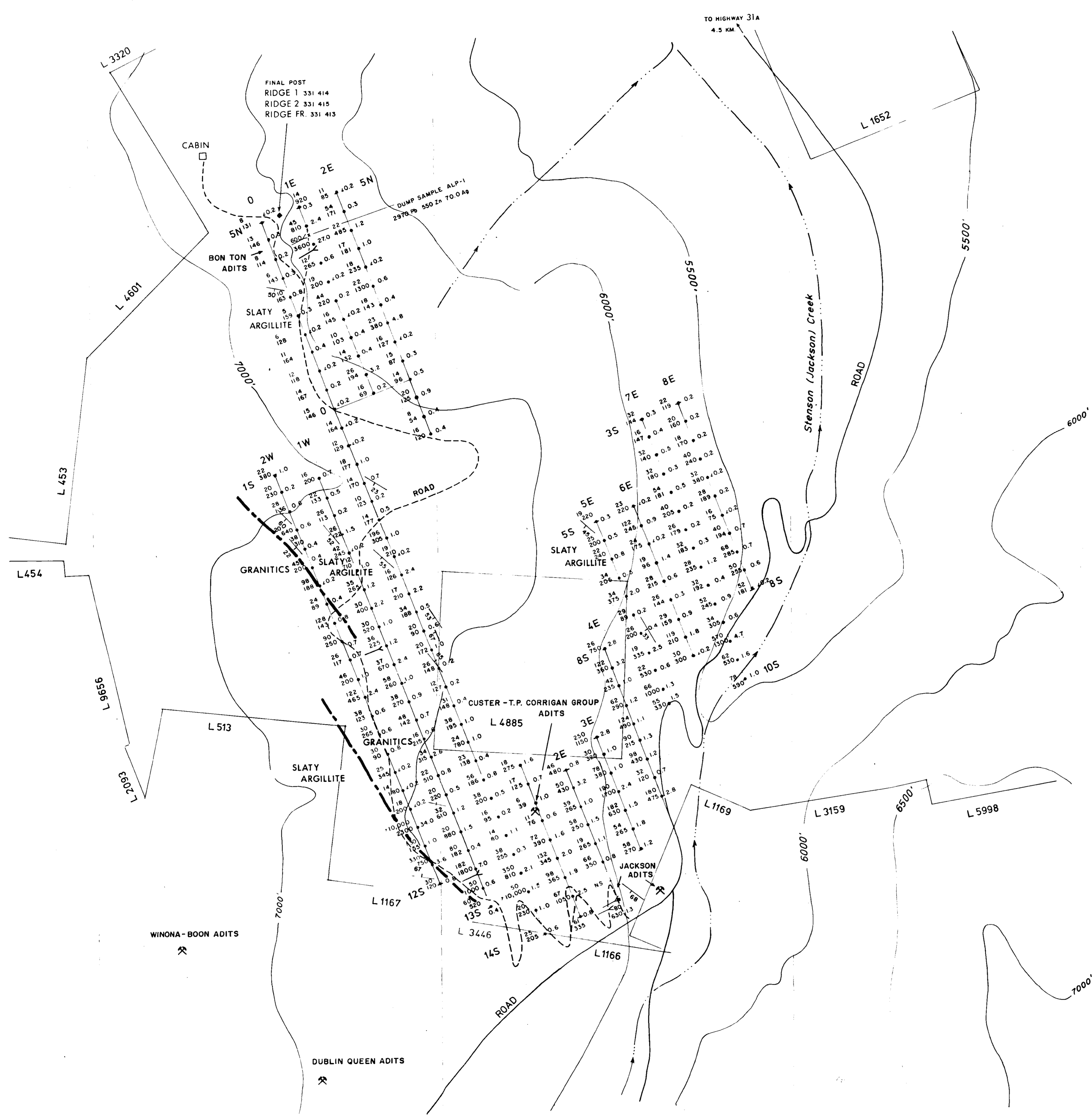
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CERTIFICATE OF ANALYSIS A9530170

SAMPLE DESCRIPTION	PREP CODE	Pb ppm	Zn ppm	Ag ppm Aqua R						
L1+00W-10+50S	201 238	32	610	1.2						
L1+00W-11+00S	201 238	20	880	1.5						
L1+00W-11+50S	201 238	80	182	0.4						
L1+00W-12+00S	201 238	182	1800	7.0						
L1+00W-12+50S	201 238	50	1000	0.6						
L1+00W-13+00S	201 238	60	520	0.4						
L2+00W-01+00S	201 238	22	380	1.0						
L2+00W-01+50S	201 238	20	230	0.2						
L2+00W-02+00S	201 238	28	136	0.6						
L2+00W-02+50S	201 238	20	640	0.6						
L2+00W-03+00S	201 238	38	310	0.4						
L2+00W-03+50S	201 238	45	200	0.4						
L2+00W-04+00S	201 238	98	188	< 0.2						
L2+00W-04+50S	201 238	24	89	0.4						
L2+00W-05+00S	201 238	128	143	0.8						
L2+00W-05+50S	201 238	90	250	0.7						
L2+00W-06+00S	201 238	26	117	0.7						
L2+00W-06+50S	201 238	46	200	1.0						
L2+00W-07+00S	201 238	122	465	2.4						
L2+00W-07+50S	201 238	38	123	0.6						
L2+00W-08+00S	201 238	30	265	0.6						
L2+00W-08+50S	201 238	30	90	0.8						
L2+00W-09+00S	201 238	25	345	< 0.2						
L2+00W-09+50S	201 238	14	180	< 0.2						
L2+00W-10+00S	201 238	18	200	< 0.2						
L2+00W-10+50S	201 238	>10000	2300	34.0						
L2+00W-11+00S	201 238	130	155	1.0						
L2+00W-11+50S	201 238	330	750	3.6						
L2+00W-12+00S	201 238	30	120	0.8						

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Stratigraphy
 Granitics
 Slocan Group: shaly argillite

Legend

- attitude of foliation, bedding
- adit
- assumed contact
- drainage
- roads
- old adits, mine workings
- grid and sample station

	Ag	Pb	Zn
Background	<2.3	<38	Possibly two
Threshold	2.3-4.9	38-150	populations
Anomalous	>4.9	>150	>980

ALL VALUES SHOWN P.P.M.

TOUCHSTONE RESOURCES LTD.
Ridge and Alpine Claim Group
 Slocan Mining Division
 Retallack, BC
 NTS 82K/3E

GEOLOGY AND SOIL GEOCHEMISTRY 1:5000

To accompany report by
 Locke B. Goldsmith, P.Eng, P. Geo.
 Consulting Geologist
 ARCTEX ENGINEERING SERVICES
 September 1995

GEOLOGICAL BRANCH
ASSESSMENT REPORT

24,095

