

REPORT ON THE
1989 DIAMOND DRILLING PROGRAM
TIL NO. 1, HALIFAX, HAIL, GOAT AND
WOLF CLAIMS
TILlicum MOUNTAIN PROPERTY

NTS. 82-F-13, 82-K-4

BURTON, B.C.

BY B. DEVLIN

ESPERANZA EXPLORATIONS LTD.

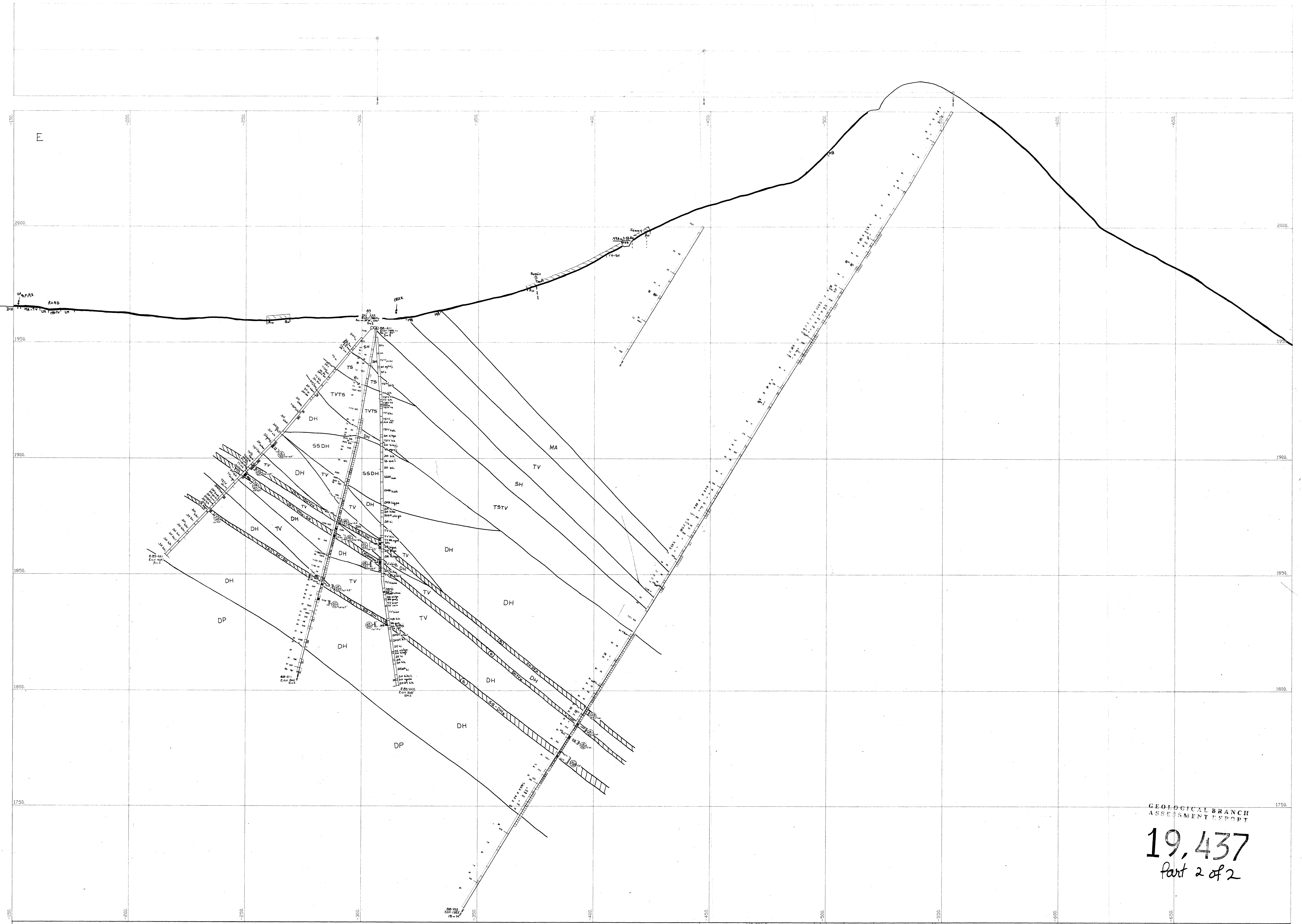
NOVEMBER, 1989

VOLUME 2

OF 2

PART 2

19437



GEOLOGICAL BRANCH
ASSESSMENT REPORT

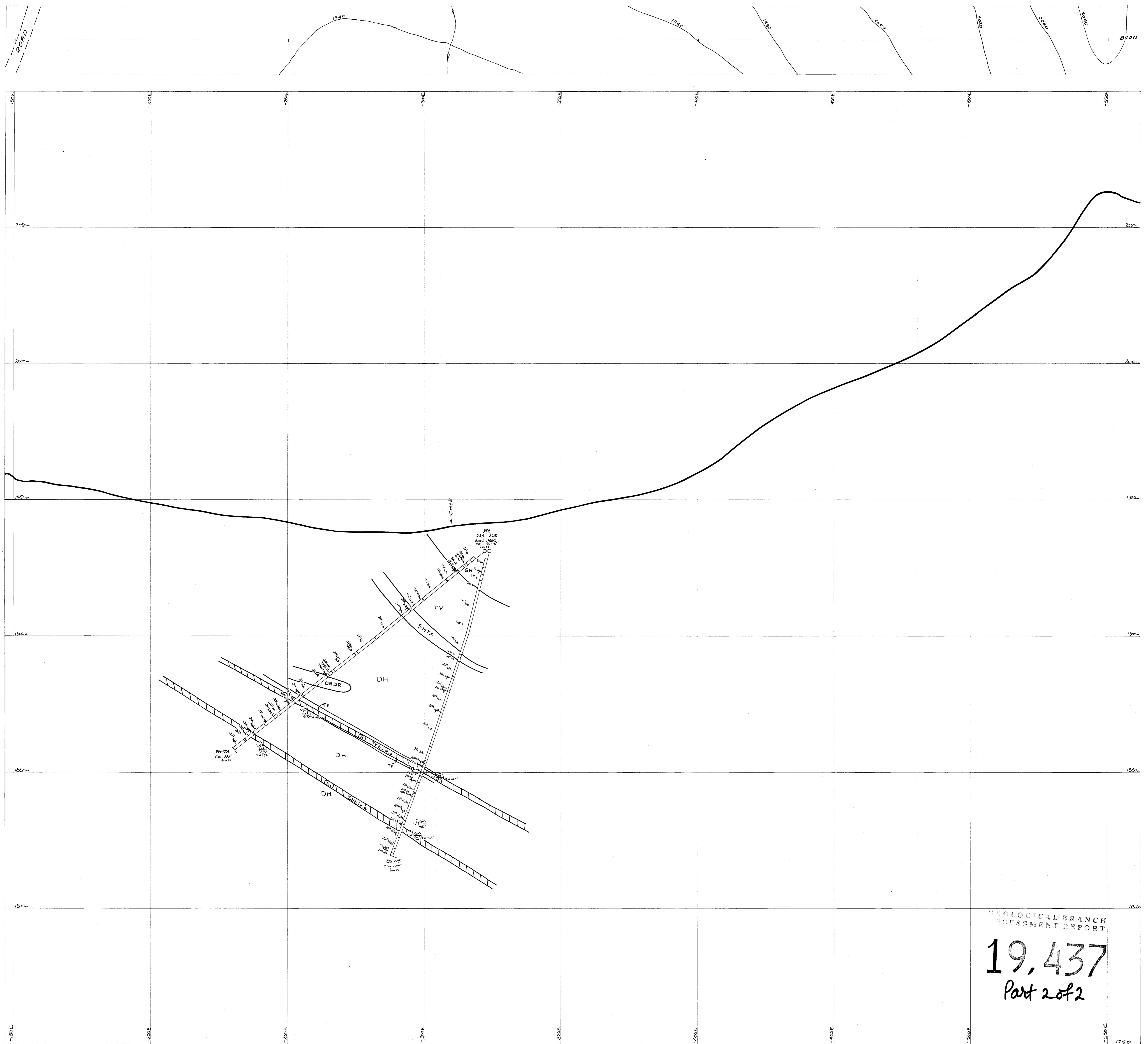
19,437
Part 2 of 2

LITHOLOGY		MODIFIERS	
LAMPYRHYNE DYKES	DIORITE	A - ACTINOLITE	L - LIGNITE
ALASKITE	EPHRAIM SCHIST	B - BACTINITE	M - MICA
GRANULITE	EPHRAIM TUFF	C - CROCIDOLITE	N - NICKEL
GRANULITE	EPHRAIM SHALE	D - DIOPHASE	O - OIL
GRANULITE	EPHRAIM SHALE	E - EPIDOTE	P - PYRITIC
GRANULITE	EPHRAIM SHALE	F - FALGOUTITE	Q - QUARTZ
GRANULITE	EPHRAIM SHALE	G - GARNET	R - RHYOLITE
GRANULITE	EPHRAIM SHALE	H - HORNBLAND	S - SILICA
GRANULITE	EPHRAIM SHALE	I - ILVAITE	T - TANTALUM
GRANULITE	EPHRAIM SHALE	J - JASPER	U - URANITE
GRANULITE	EPHRAIM SHALE	K - KALIBRE	V - VESICULE
GRANULITE	EPHRAIM SHALE	L - LABRADORITE	W - WOLFRAM
GRANULITE	EPHRAIM SHALE	M - MICA	X - XENITE
GRANULITE	EPHRAIM SHALE	N - NICKEL	Y - YENITE
GRANULITE	EPHRAIM SHALE	O - OIL	Z - ZINC
GRANULITE	EPHRAIM SHALE	P - PYRITIC	
GRANULITE	EPHRAIM SHALE	Q - QUARTZ	
GRANULITE	EPHRAIM SHALE	R - RHYOLITE	
GRANULITE	EPHRAIM SHALE	S - SILICA	
GRANULITE	EPHRAIM SHALE	T - TANTALUM	
GRANULITE	EPHRAIM SHALE	U - URANITE	
GRANULITE	EPHRAIM SHALE	V - VESICULE	
GRANULITE	EPHRAIM SHALE	W - WOLFRAM	
GRANULITE	EPHRAIM SHALE	X - XENITE	
GRANULITE	EPHRAIM SHALE	Y - YENITE	
GRANULITE	EPHRAIM SHALE	Z - ZINC	

NO.	DATE	MADE BY	DESCRIPTION
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SECTION 800N
GEOLOGY AND ASSAYS
SURFACE HOLES SECTION AZIMUTH 90°
EAST RIDGE DEPOSIT

MAP INDEX NUMBER	SCALE	DRAWING NUMBER
	1:500	29

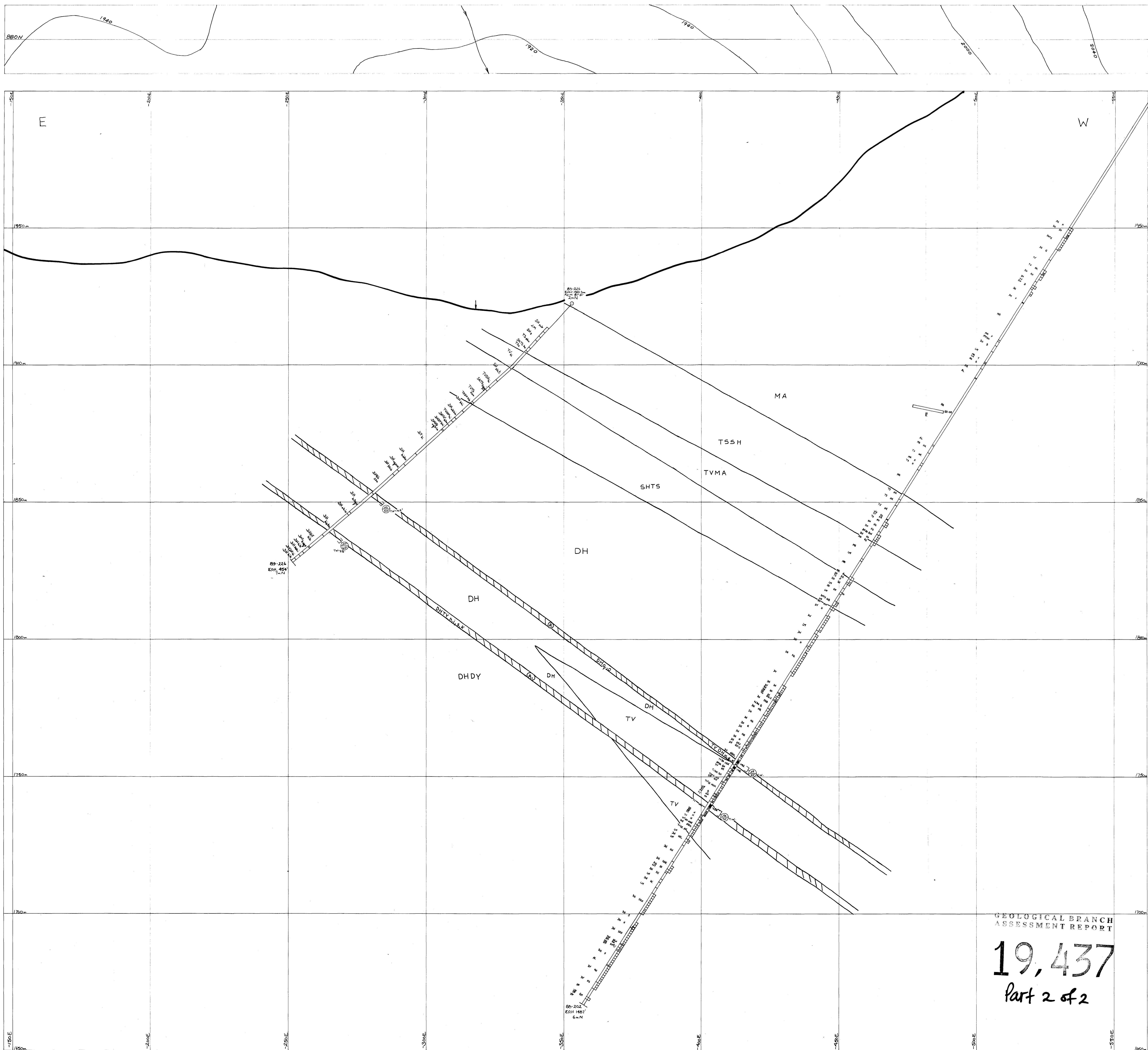


LITHOLOGY		MODIFIERS	
LM - LAMPORNYNE DYKES	SS - SERPENTINE SOAPSTONE	A - ACTINOLITE	H - HORNBLAND
AL - ALASKITE	BS - BOTTES SOAPSTONE	B - BOUTHE	I - INTERMEDIATE (TR)
DM - DIORITE	TS - TUFFaceous SHALE	C - CALCITE	J - JEFFERSONITE (TR)
AC - ANDALUSITE/SILICEOUS SKARN	SH - BLACK-GREY GRAPHIC SHALE	X - CALC-SILICATE ALTERED	K - KALIMA (TR)
SC - SKARN/LAL-CALCITE OREIN SKARN	AV - ANVITE	F - FAULTED	M - MICA
BC - BASALTIC/CALC-CALCITE SKARN	QC - QUARTZITE	M - MICA (SLIP)	N - NIOBIUM
GY - GYPSUM	TU - TUFFaceous TUFF	P - PLAGIOCLASE	O - OIL
QC - QUARTZITE	TL - TUFFaceous LAL	R - RHYOLITE (TR)	Q - QUARTZ
TA - TUFFaceous ANDESITE	TA - TUFFaceous AND	S - SPHALERITE (TR)	S - SILICIFIED
MA - META BASALTIC ANDESITE	TA - TUFFaceous ANDESITE	Y - YAPRACITE	W - WENNAKITE
VN - VENEZUELANITE	TA - TUFFaceous AND	Z - ZEPHYRINE	X - XENOTIME
VN - VENEZUELANITE	TA - TUFFaceous AND	Z - ZEPHYRINE	Y - YAPRACITE
VN - VENEZUELANITE	TA - TUFFaceous AND	Z - ZEPHYRINE	Z - ZEPHYRINE
VN - VENEZUELANITE	TA - TUFFaceous AND	Z - ZEPHYRINE	Z - ZEPHYRINE

MAP SCALE	METRES	DATE	MADE BY	DESCRIPTION
0 5 10 15 20 25 30 35	METRES	09/08/05	J. J.	

SECTION 840N (-150E TO -550E)	
GEOLOGY AND ASSAYS SECTION AZIMUTH 90°	
EAST RIDGE DEPOSIT	

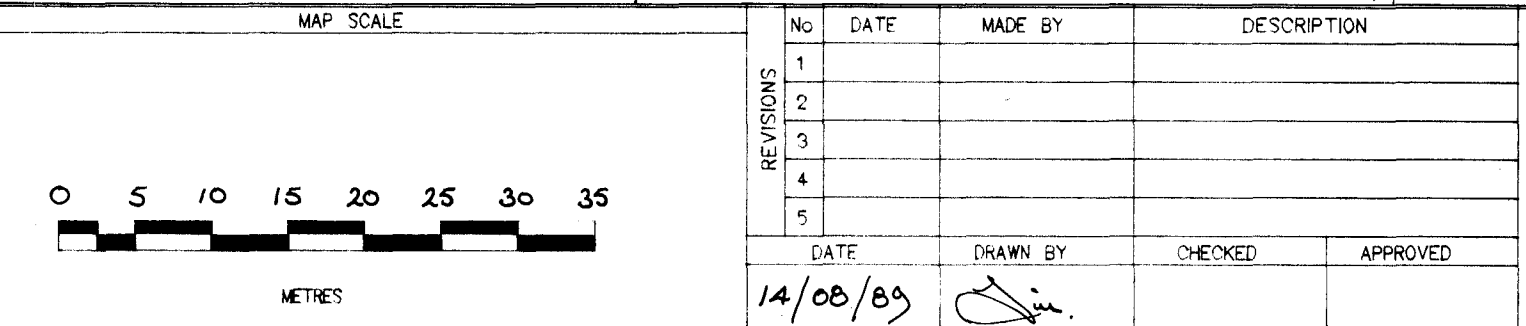
GEOLOGICAL BRANCH ASSESSMENT REPORT	
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ESPERANZA EXPLORATIONS LTD. TILlicum MOUNTAIN PROPERTY	
MAP INDEX NUMBER	SCALE
	1:500
DRAWING NUMBER	
	30



GEOLOGICAL BRANCH
ASSESSMENT REPORT

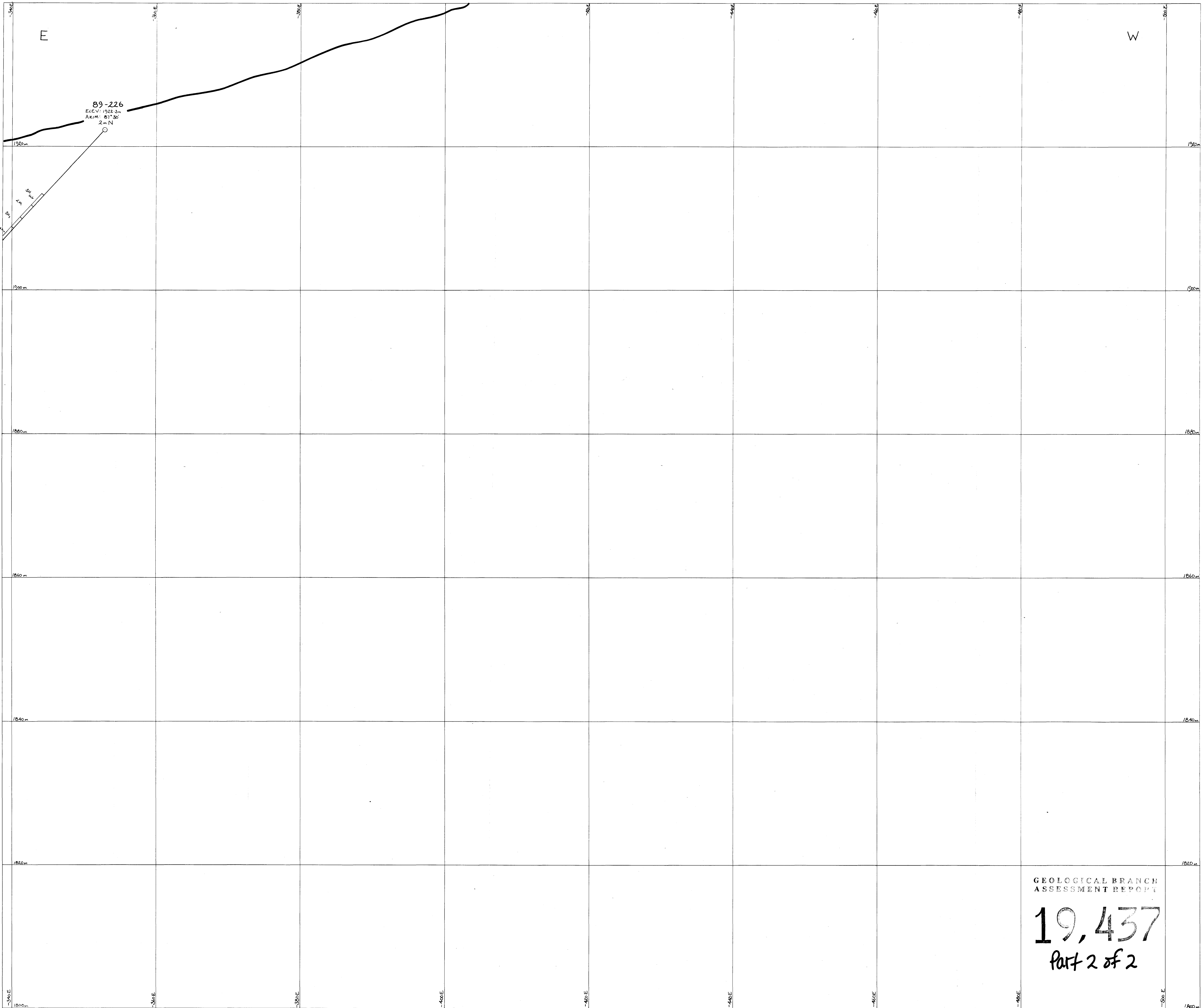
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LITHOLOGY		MODIFIERS		Assays (g/t) (ppm)	
LM - LAMPORPHIRE DYKES	SS - SERICITE SCHIST	A - ACTINOLITE	H - HORNEBELS	SI - SILICIFIED	As - ARSENIC
AL - ALASKITE	BS - BOTTLE SCHIST	B - BOTTLE	I - IRON	HE - HEMATITE	Co - COBALT
GR - GRANODIORITE, GRANITE, QUARTZ MONZONITE	FS - FIFTEEN SHALE	CA - CALSITE	J - JONAS	FE - FELSPAR	Cu - COPPER
OR - ORTITE	BL - BLACK GREY GRAPHIC SHALE	Y - YONING	K - KALBAR	SK - SKARN	Pb - LEAD
SK - SKARN	AN - ANDESITE	BA - BANDED PYRRHOTITE	L - LALAM	SL - SLAG	Zn - ZINC
SC - SKARN	QU - QUARTZ	EP - EPOXIDE	FA - FAULTED	OR - OR	Ag - SILVER
MA - MASSIVE	CR - CRYSTAL TUFF	MP - MANGANESE	AL - ALTERNATED	SC - SKARN	Mo - MOLYBDENUM
HY - HYDRATED	SL - SILICIFIED	SLP - SLAG	PR - PYRRHOTITE	AL - ALTERNATED	Bi - BISMUTH
DI - DIORITE	MT - META	TR - TR	PR - PYRRHOTITE	AL - ALTERNATED	Te - TELLURIDE
HY - HYDRATED	BA - BASALT	AD - ANDESITE	PR - PYRRHOTITE	AL - ALTERNATED	Se - SELENIUM
DI - DIORITE	VE - VEIN		PR - PYRRHOTITE	AL - ALTERNATED	Sn - TIN
			PR - PYRRHOTITE	AL - ALTERNATED	W - WOLFRAM
			PR - PYRRHOTITE	AL - ALTERNATED	U - URANIUM
			PR - PYRRHOTITE	AL - ALTERNATED	Th - THORIUM
			PR - PYRRHOTITE	AL - ALTERNATED	Pa - PALLADIUM
			PR - PYRRHOTITE	AL - ALTERNATED	Os - OSMIUM
			PR - PYRRHOTITE	AL - ALTERNATED	Ir - IRIUM
			PR - PYRRHOTITE	AL - ALTERNATED	Rh - RHODIUM
			PR - PYRRHOTITE	AL - ALTERNATED	Pd - PALLADIUM
			PR - PYRRHOTITE	AL - ALTERNATED	Ag - SILVER
			PR - PYRRHOTITE	AL - ALTERNATED	Au - GOLD



SECTION 880N (-150E TO -550E)
GEOLOGY AND ASSAYS
SECTION AZIMUTH 90°
EAST RIDGE DEPOSIT

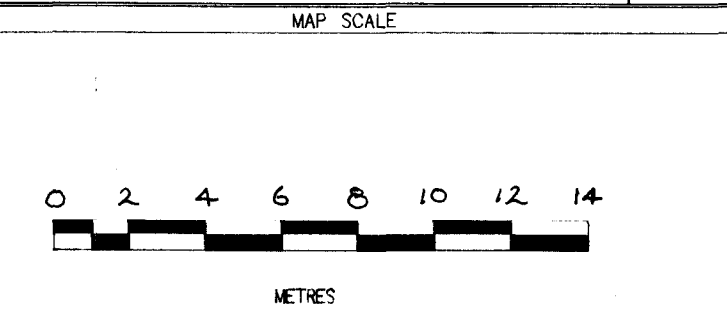
ESPERANZA EXPLORATIONS LTD. TILlicum MOUNTAIN PROPERTY	
MAP INDEX NUMBER	DRAWING NUMBER
SCALE	1:500
	31



GEOLOGICAL BRANCH
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LITHOLOGY		MODIFIERS	
LM - LAMPONORIC DYKES	SS - SEROTTE SCHIST	A - ACTINOLITE	H - HORNFELDS
AL - ALKALITE	TS - TUFFaceous SHALE	B - BRECCIATED	I - BOTTITE
GR - GRANODIORITE/GRANITE/QUARTZ MONZONITE	BL - BLACK-GREY GRAPHIC SHALE	C - CALCITE	J - JASCHERSKYITE (TR)
DR - DORITE	PR - PYROXENE	D - DORITE	K - CALC-SILICATE ALTERED
SK - SKARN/BANDED/SILICEOUS SKARN	QU - QUARTZITE	E - ERODITE	OL - OLIVINE (TR)
SL - SKARN/BANDED/SILICEOUS SKARN	TR - TRIPHYCOCUS/CRYSTAL TUFF	F - FALGOUTITE	OR - ORPIMENT
MS - MASSIVE SILICEOUS SKARN	SLP - SILICIFIED	G - GARNET	PH - PYRROPHITE
DI - DIORITE HYBRID PORPHYRY SKARN	TD - TITANITE	H - HORNBLAND	SP - SPHALERITE (TR)
DP - DORITE HYBRID (CALC-SILICATE)	TD - TITANITE	I - ILLITE	
DP - DORITE PORPHYRY	VA - META-BASALTIC ANDESITE	J - JASCHERSKYITE (TR)	
	VE - VESICULE	K - CALC-SILICATE ALTERED	
		L - LAMPONORIC DYKES	
		M - MANGANESE	
		N - NICKEL	
		O - OSMIUM	
		P - PYRROPHITE	
		Q - QUARTZ	
		R - RHYOLITE	
		S - SILICEOUS SKARN	
		T - TITANITE	
		U - URANITE	
		V - VESICULE	
		W - WOLFRAMITE	
		X - XENOTIME	
		Y - YENITE	
		Z - ZINCOBLAND	

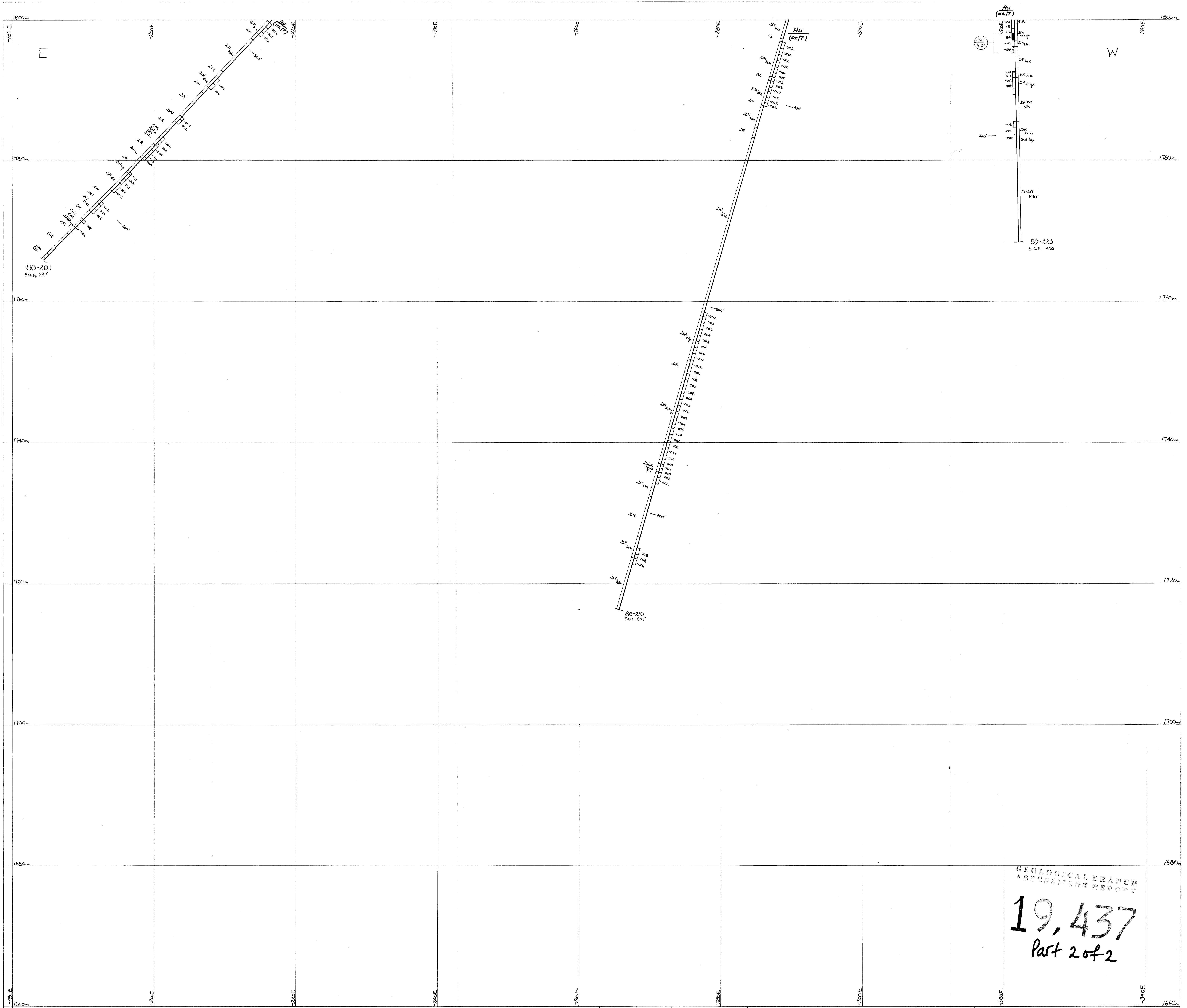


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SECTION 880N UPPER (-340E TO -500E)
GEOLOGY AND ASSAYS
SECTION AZIMUTH 90°
EAST RIDGE DEPOSIT

ESPERANZA EXPLORATIONS LTD. TILlicum MOUNTAIN PROPERTY	
MAP INDEX NUMBER	DRAWING NUMBER
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GEOLOGICAL BRANCH
ASSESSMENT REPORT

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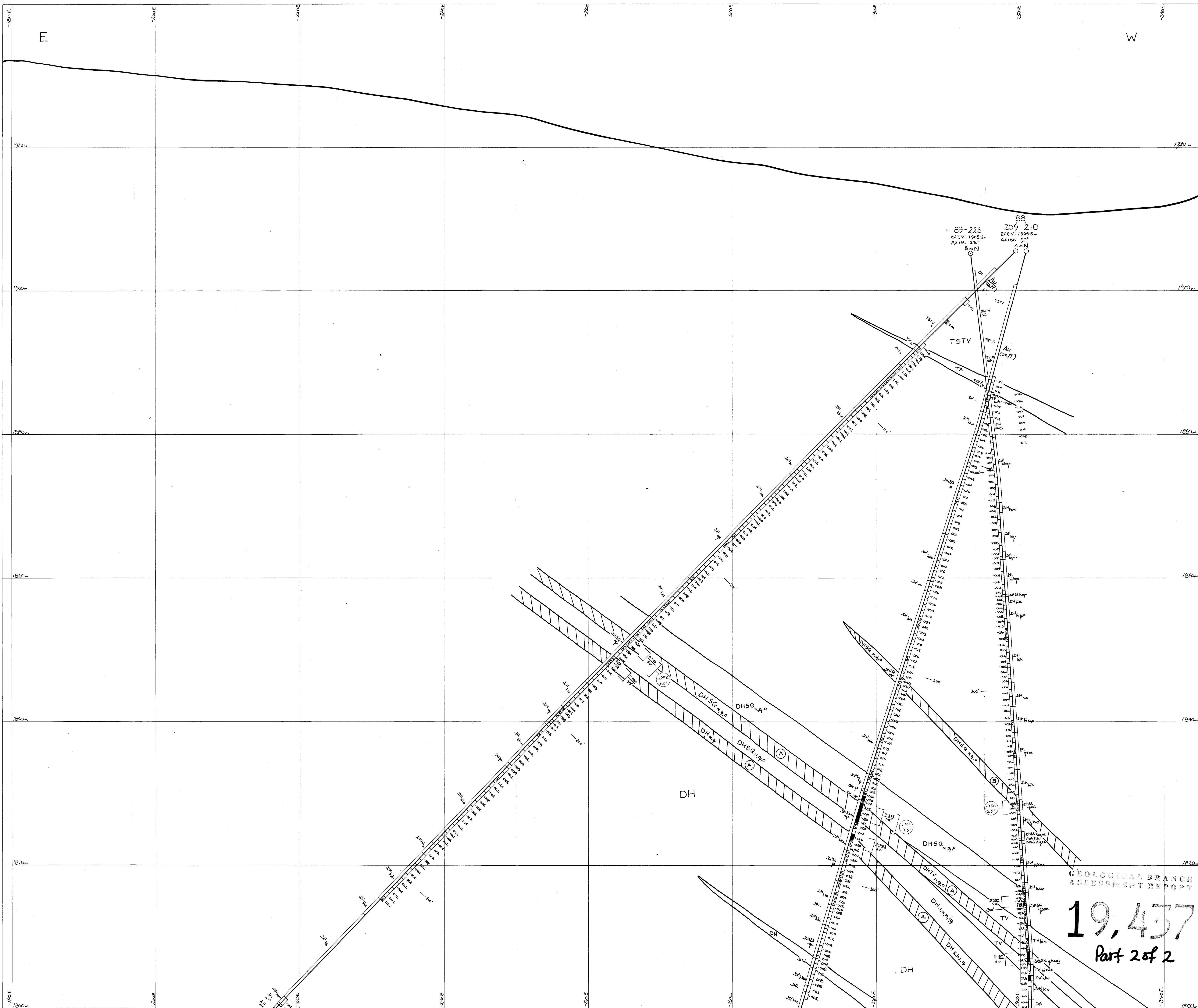
LITHOLOGY		MODIFIERS	
LM - LAMPROPHIRE DYKES	SS - SERPENTINE SCHIST	A - ACTINOLITE	H - HORNBLENDE
AL - ALKALI	BH - BITTITE SCHIST	B - BICCOLITE	S - SILICIFIED
GS - GRANODIORITE/GRAHITE/QUARTZ/MONZONITE	TR - TRIFACIOUS SHALE	CH - CALCITE VEINING	KN - KANIGITE
IS - ISOPHANE	BT - BLACK/DRY GRAPHIC SHALE	TA - TALC/SOUL SHALE	FO - FOLIATED
SO - SKARN/CALC-SILICATED/SKIARN	AK - ANKONITE	BA - BARNES PYRRHOTITE	SC - SERICITE
SK - SKARN/CALC-SILICATED/SKIARN	QU - QUARTZITE	EP - EPIDOTE	PO - PORPHYRY (S1)
MS - MASSIVE SULPHIDES/SKIARN	SH - SHALE	FA - FALTS	SH - SHALE (S1)
DS - DORITE	SHC - SHALEY CRYSTAL TUFF	PK - PLAGIOCLASE	SK - SKARN ALTERED
HY - HYBRID	SHV - SHALEY VEINING	AL - ALKALI	PI - PIRRENITE (S1)
HYH - HYBRID (CALC-SILICATE)	SHV - SHALEY VEINING	SC - SKARN	FR - FRENITE
DP - DORITE PORPHYRY	SHV - SHALEY VEINING	AN - ANDRADE	QUZ - QUARTZ VEINING
	SHV - SHALEY VEINING	AN - ANDRADE	G - GARNET
	SHV - SHALEY VEINING	AN - ANDRADE	
	SHV - SHALEY VEINING	AN - ANDRADE	

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SECTION 900N LOWER (-180E TO -340E)
GEOLOGY AND ASSAYS
SECTION AZIMUTH 90°
EAST RIDGE DEPOSIT

ESPERANZA EXPLORATIONS LTD. TILlicUM MOUNTAIN PROPERTY	
MAP INDEX NUMBER	DRAWING NUMBER
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GEOLOGICAL BRANCH
ASSESSMENT REPORT

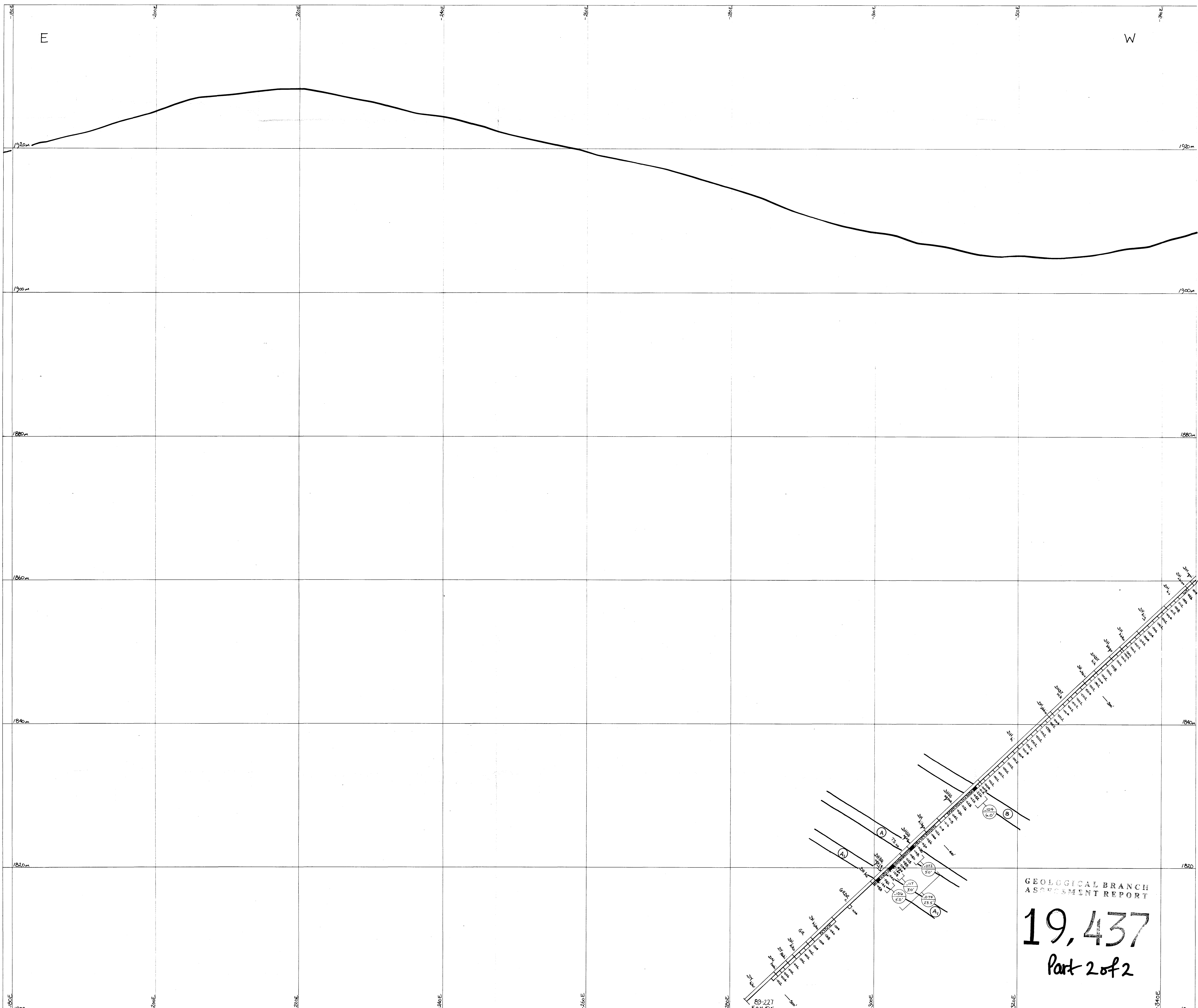
19,437
Part 2 of 2

LITHOLOGY		MODIFIERS	
LM - LAMPORPHYRE DYKES	SS - SERPENTINE SCHIST	A - ACTINOLITE	H - HORNEBLAS
AL - ALASKITE	BT - BRITTLE SCHIST	B - BRETHERTONITE	TR - TRIPHYENITE
GR - GRANODIORITE/GRANITE/QUARTZ MONZONITE	TS - TUFFaceous SHALE	CA - CALCITE	TR - TRIPHYENITE
DR - DORTITE	BS - BLACK-GREY GRANITIC SHALE	CS - CALC-SILICATE ALTERED	TR - TRIPHYENITE
SD - SKARN-BANDED/SILICEOUS SKARN	AK - ANKOWITE	EP - EPIDOT	TR - TRIPHYENITE
SK - SKARN-BANDED/SILICEOUS SKARN	QU - QUARTZITE	MA - MASSIVE	TR - TRIPHYENITE
MS - MASSIVE SILICEOUS SKARN	TC - TUFFaceous CRUSTAL TUFF	MA - MASSIVE	TR - TRIPHYENITE
DN - DORTITE HYBRID PORPHYRY SKARN	TV - TUFFaceous VOLCANIC	MA - MASSIVE	TR - TRIPHYENITE
DP - DORTITE HYBRID (CALC-SILICATE)	BA - META-BASALTIC ANDESITE	MA - MASSIVE	TR - TRIPHYENITE
	VE - VESICULAR	MA - MASSIVE	TR - TRIPHYENITE
		MA - MASSIVE	TR - TRIPHYENITE

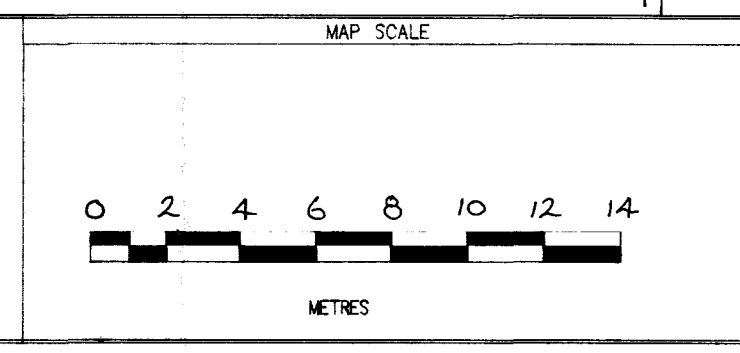
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SECTION 900N UPPER (-180E TO -340E)
GEOLOGY AND ASSAYS
SECTION AZIMUTH 90°
EAST RIDGE DEPOSIT

ESPERANZA EXPLORATIONS LTD. TILlicum MOUNTAIN PROPERTY		
MAP INDEX NUMBER	SCALE	DRAWING NUMBER
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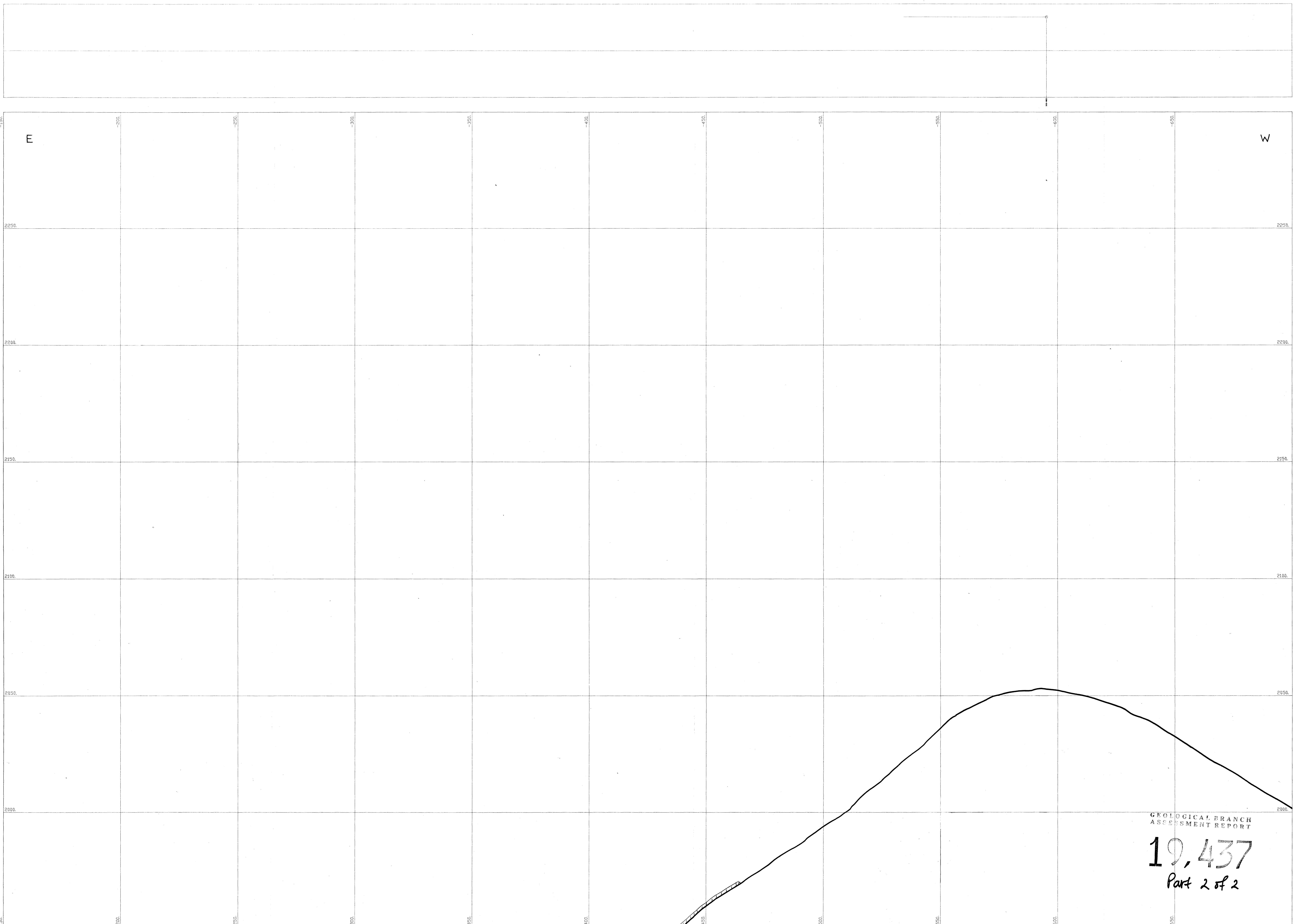
LITHOLOGY		MODIFIERS	
LM - LAMPSONITE Dikes	SC - SCORITE SCHIST	A - ACTINOLITE	H - HORNBLAND
AL - ALASKITE	SO - SOFT SOFT	B - BREVOLITE	H - HORNBLAND
MS - MANGROVE QUARTZ MONDOWITE	TS - TUFFaceous SHALE	C - CLASTIC TUFF	K - KALIBRE
DR - DORITE	GR - GRAPHIC SHALE	D - DORITE	L - LAMPSONITE
SK - SKARN	QU - QUARTZITE	E - EPIDITE	M - MANGROVE
SC - SKARN	CR - CRYSTAL TUFF	F - FAULTED	N - NICKEL
MA - MASSIVE SULPHIDE	TR - TRIFACIOUS VOLCANIC	G - GRANITE	O - ORE
PO - PORPHYRY SKARN	VA - VOLCANIC	I - IRON	P - PLAGIOCLASE
HY - HYBRID	AN - ANDESITE	J - JASPER	Q - QUARTZ
CA - CALC-SILICATE	VE - VEIN	K - KALIBRE	R - RHYOLITE
PO - PORPHYRY		L - LAMPSONITE	S - SILICIFIED
		M - MANGROVE	T - TUFF
		N - NICKEL	V - VEIN
		O - ORE	Y - YOLITE
		P - PLAGIOCLASE	Z - ZEPHYRINE
		Q - QUARTZ	
		R - RHYOLITE	
		S - SILICIFIED	
		T - TUFF	
		V - VEIN	
		Y - YOLITE	
		Z - ZEPHYRINE	



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SECTION 920N (-180E TO -340E)
 GEOLOGY AND ASSAYS
 SECTION AZIMUTH 90°
 EAST RIDGE DEPOSIT

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 ASSESSMENT REPORT
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 ESPERANZA EXPLORATIONS LTD.
 TILlicum MOUNTAIN PROPERTY
 MAP INDEX NUMBER: SCALE: DRAWING NUMBER:
 | 1:200 | 25



- LITHOLOGY**
- LA - LAMPROPHYRE DYKES
 - AL - ALKALIC AND ANTEORITIC GRANITE
 - DI - DIORITIC GNEISS
 - GR - GRANITIC GNEISS
 - OR - ORTHOQUARTZITE
 - PK - PINK GRANITE
 - PL - PLATINUM
 - PS - PINK GRANITE
 - SB - SERPENTINIZED BASALT
 - SH - SHALE
 - SL - SILICIFIED
 - SP - SERPENTINIZED
 - ST - STONY
 - TA - TUFF
 - TR - TRILITE
 - VE - VEGETATION
 - VI - VISIBLY GOLD
- MODIFIERS**
- AL - ALKALIC
 - AN - ANTEORITIC
 - DI - DIORITIC
 - GR - GRANITIC
 - OR - ORTHOQUARTZITE
 - PK - PINK
 - PL - PLATINUM
 - PS - PINK
 - SB - SERPENTINIZED
 - SH - SHALE
 - SL - SILICIFIED
 - SP - SERPENTINIZED
 - ST - STONY
 - TA - TUFF
 - TR - TRILITE
 - VE - VEGETATION
 - VI - VISIBLY GOLD

ASSAYS

AG - AGGREGATE

AN - ANTIMONY

AR - ARSENIC

AS - ARSENIC

BA - BARIUM

BE - BERYLLIUM

BI - BISMUTH

BR - BROMINE

BU - BULLOCK

CA - CALCIUM

CD - CADMIUM

CE - CERIUM

CH - CHROMIUM

CO - COBALT

CR - CHROMIUM

CU - COPPER

FE - IRON

FL - FLUORINE

GA - GALLIUM

GE - GERMANIUM

GN - GADOLINIUM

GO - GOLD

GR - GADOLINIUM

GU - GADOLINIUM

HA - HAFNIUM

HE - HELLGREN

HI - HIRSH

HM - HUMBOLDT

HN - HUMBOLDT

HO - HUMBOLDT

HR - HUMBOLDT

HT - HUMBOLDT

HU - HUMBOLDT

HY - HYDROGEN

IB - IBERITE

IC - IBERITE

IR - IBERITE

IS - IBERITE

IT - IBERITE

IV - IBERITE

JA - JAROSITE

JE - JAROSITE

JH - JAROSITE

JI - JAROSITE

JK - JAROSITE

JL - JAROSITE

JM - JAROSITE

JN - JAROSITE

JO - JAROSITE

JP - JAROSITE

JQ - JAROSITE

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JS - JAROSITE

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JW - JAROSITE

JX - JAROSITE

JY - JAROSITE

JZ - JAROSITE

MAP SCALE

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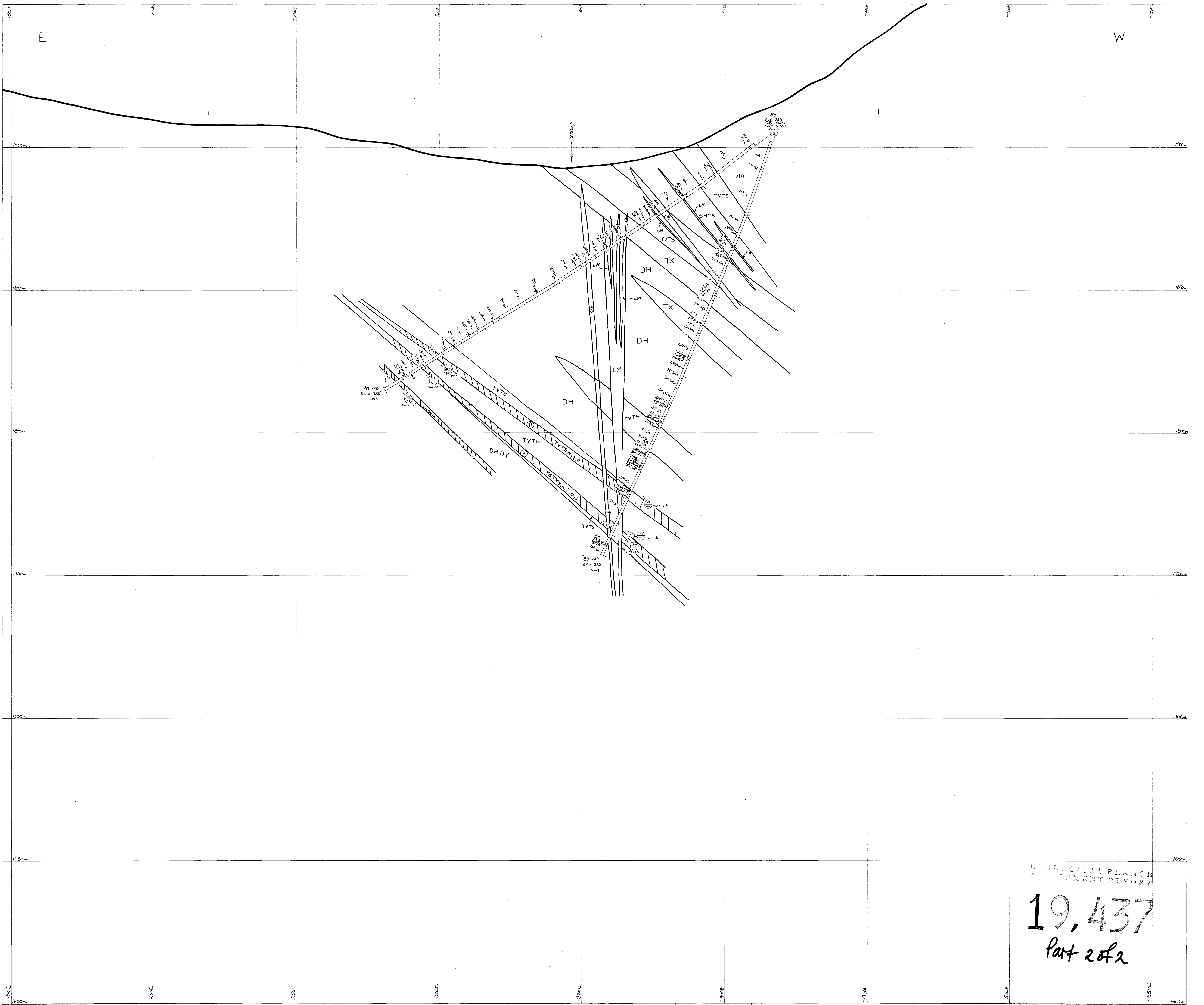
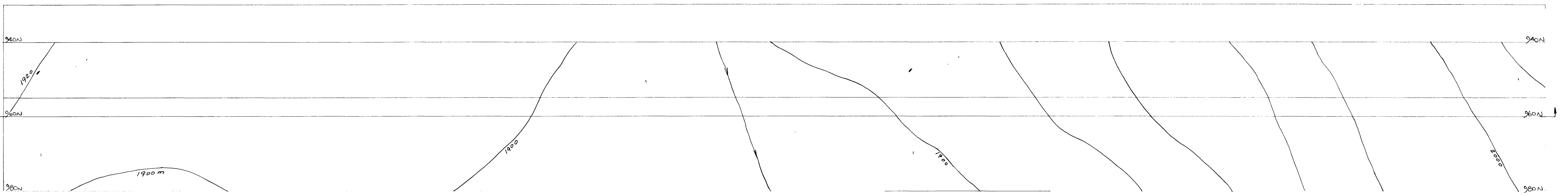
SECTION 92 ON UPPER
GEOLOGY AND ASSAYS
SURFACE HILES SECTION AZIMUTH 90°
EAST RIDGE DEPOSIT

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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**ESPERANZA EXPLORATIONS LTD.
TILlicum MOUNTAIN PROPERTY**

MAP INDEX NUMBER	SCALE	DRAWING NUMBER
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GEOLOGICAL BRANCH
ASSESSMENT REPORT

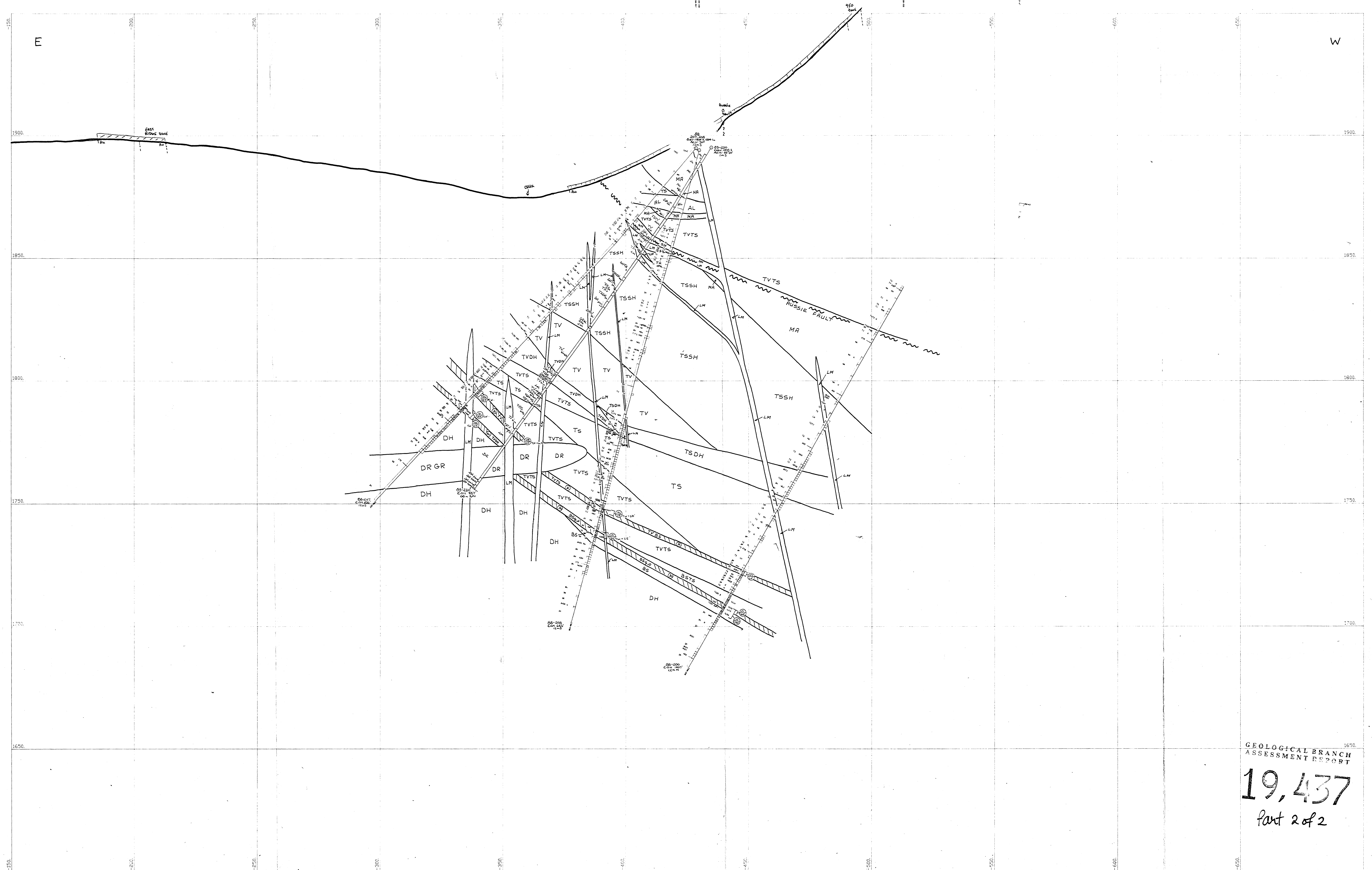
19,437
Part 2 of 2

LITHOLOGY		MODIFIERS	
LM - LIMONITE DYKES	DR - SOFT	A - ACTINOLITE	H - HORNEBL
AL - ALKALITE	HC - BRITTLE	B - BREVONITE	I - ISOLITE
CR - CRISTOBALITE	HS - HARD	C - CALCITE	J - JAROSITE
DI - DIORITE	HT - TIGHT	D - DOLomite	K - KALSHOFITE
DM - MANGANESE QUARTZ	IC - CRACK	E - EPIDOTE	L - LAMPROPHIRE
DO - ORTHOQUARTZ	IL - LAMPROPHIRE	F - FAYALITE	M - MANGANESE QUARTZ
EP - EPIDOTE	IM - MANGANESE QUARTZ	G - GARNET	N - NICKEL SULFIDE
FM - MANGANESE QUARTZ	IN - NICKEL SULFIDE	H - HORNEBL	O - OIL
GN - NICKEL SULFIDE	IO - OIL	I - ISOLITE	P - PYRITE
GR - GRANITE	IP - PYRITE	J - JAROSITE	Q - QUARTZ
GS - SANDSTONE	IQ - QUARTZ	K - KALSHOFITE	R - ROCK
GT - TUFF	IR - ROCK	L - LAMPROPHIRE	S - SILICEOUS
HA - ANDALUSITE	IS - SILICEOUS	M - MANGANESE QUARTZ	T - TUFF
HB - BREVONITE	IT - TUFF	N - NICKEL SULFIDE	U - UNKN
HC - BRITTLE	IU - UNKN	O - OIL	V - VERMICULITE
HD - DOLomite	IV - VERMICULITE	P - PYRITE	W - WOLFRAMITE
HE - EPIDOTE	IW - WOLFRAMITE	Q - QUARTZ	X - XENOTIME
HF - FAYALITE	IX - XENOTIME	R - ROCK	Y - YENITE
HG - GARNET	IY - YENITE	S - SILICEOUS	Z - ZEPHYRINE
HH - HORNEBL	IZ - ZEPHYRINE	T - TUFF	
HI - ISOLITE		U - UNKN	
HJ - JAROSITE		V - VERMICULITE	
HK - KALSHOFITE		W - WOLFRAMITE	
HL - LAMPROPHIRE		X - XENOTIME	
HM - MANGANESE QUARTZ		Y - YENITE	
HN - NICKEL SULFIDE		Z - ZEPHYRINE	
HO - OIL			
HP - PYRITE			
HQ - QUARTZ			
HR - ROCK			
HS - HARD			
HT - TIGHT			
HU - UNKN			
HV - VERMICULITE			
HW - WOLFRAMITE			
HX - XENOTIME			
HY - YENITE			
HZ - ZEPHYRINE			

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SECTION 960N (-150E TO -350E)
GEOLOGY AND ASSAYS
SECTION AZIMUTH 90°
EAST RIDGE DEPOSIT

ESPERANZA EXPLORATIONS LTD.
TILlicum MOUNTAIN PROPERTY
MAP INDEX NUMBER: 1-500
DRAWING NUMBER: 33



GEOLOGICAL BRANCH
ASSESSMENT REPORT
19,437
Part 2 of 2

LITHOLOGY

1. AMPHIBOLITE DIKES	10. GRANITE	19. GNEISS	28. QUARTZITE
2. AMPHIBOLITE	11. GRANITE	20. GNEISS	29. QUARTZITE
3. AMPHIBOLITE	12. GRANITE	21. GNEISS	30. QUARTZITE
4. AMPHIBOLITE	13. GRANITE	22. GNEISS	31. QUARTZITE
5. AMPHIBOLITE	14. GRANITE	23. GNEISS	32. QUARTZITE
6. AMPHIBOLITE	15. GRANITE	24. GNEISS	33. QUARTZITE
7. AMPHIBOLITE	16. GRANITE	25. GNEISS	34. QUARTZITE
8. AMPHIBOLITE	17. GRANITE	26. GNEISS	35. QUARTZITE
9. AMPHIBOLITE	18. GRANITE	27. GNEISS	36. QUARTZITE

MODIFIERS

1. BLENDED	11. BLENDED	21. BLENDED	31. BLENDED
2. BLENDED	12. BLENDED	22. BLENDED	32. BLENDED
3. BLENDED	13. BLENDED	23. BLENDED	33. BLENDED
4. BLENDED	14. BLENDED	24. BLENDED	34. BLENDED
5. BLENDED	15. BLENDED	25. BLENDED	35. BLENDED
6. BLENDED	16. BLENDED	26. BLENDED	36. BLENDED
7. BLENDED	17. BLENDED	27. BLENDED	37. BLENDED
8. BLENDED	18. BLENDED	28. BLENDED	38. BLENDED
9. BLENDED	19. BLENDED	29. BLENDED	39. BLENDED

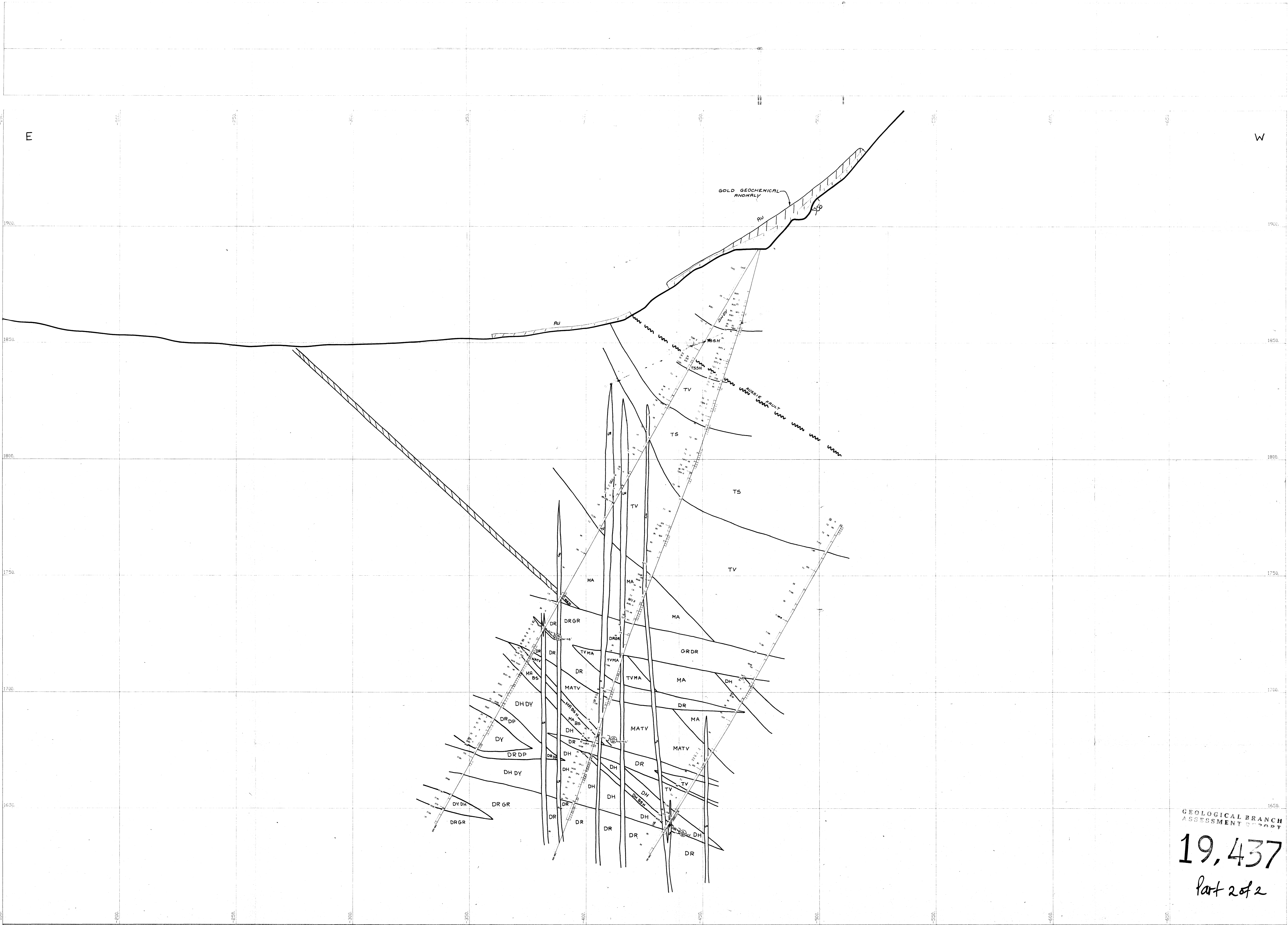
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4. ASSAYS	14. ASSAYS	24. ASSAYS	34. ASSAYS
5. ASSAYS	15. ASSAYS	25. ASSAYS	35. ASSAYS
6. ASSAYS	16. ASSAYS	26. ASSAYS	36. ASSAYS
7. ASSAYS	17. ASSAYS	27. ASSAYS	37. ASSAYS
8. ASSAYS	18. ASSAYS	28. ASSAYS	38. ASSAYS
9. ASSAYS	19. ASSAYS	29. ASSAYS	39. ASSAYS

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SECTION 1000N LOWER
GEOLOGY AND ASSAYS
SURFACE HOLES SECTION AZIMUTH 90°
EAST RIDGE DEPOSIT

ESPERANZA EXPLORATIONS LTD.
TILlicum MOUNTAIN PROPERTY
MAP INDEX NUMBER: _____ SCALE: 1:500 DRAWING NUMBER: **34**



LITHOLOGY

LA - LAMPROPHIC DYKES	SE - SEMI-TALC SCHIST	A - ACTINOLITE	S - SILICIFIED
LA - LAZAVITE	SH - SHIFTE SCHIST	BR - BRECCIATE	RE - REINFORCED
LA - LAZAVITE	SH - SHIFTE SCHIST	BR - BRECCIATE	RE - REINFORCED
LA - LAZAVITE	SH - SHIFTE SCHIST	BR - BRECCIATE	RE - REINFORCED
LA - LAZAVITE	SH - SHIFTE SCHIST	BR - BRECCIATE	RE - REINFORCED

MODIFIERS

1 - HORNIFOLDS	2 - HORNIFOLDS
3 - HORNIFOLDS	4 - HORNIFOLDS
5 - HORNIFOLDS	6 - HORNIFOLDS
7 - HORNIFOLDS	8 - HORNIFOLDS
9 - HORNIFOLDS	10 - HORNIFOLDS

MAP SCALE

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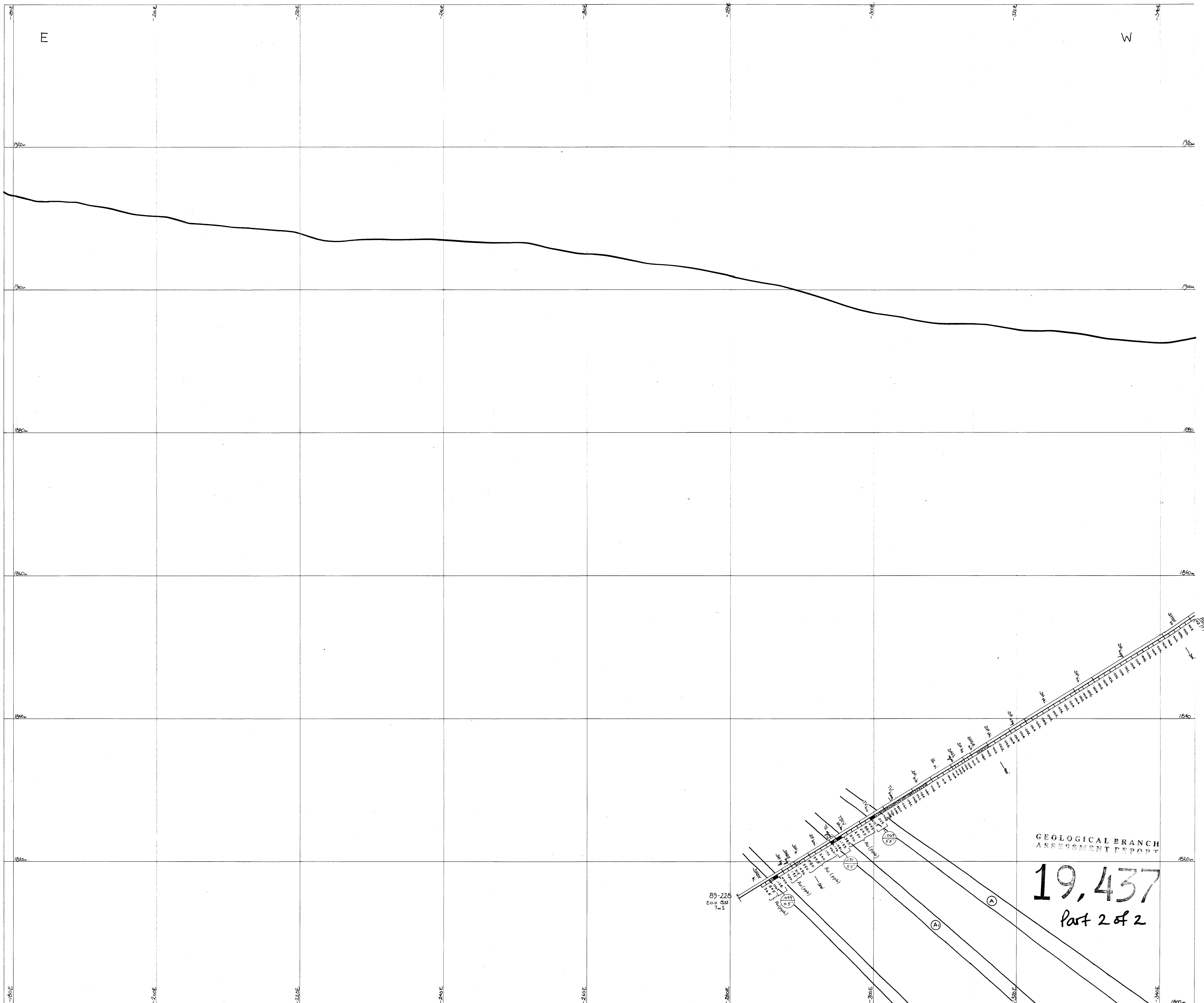
SECTION 1080N
GEOLOGY AND ASSAYS
SURFACE HOLES SECTION AZIMUTH 90°
EAST RIDGE DEPOSIT

ESPERANZA EXPLORATIONS LTD.
TILlicum MOUNTAIN PROPERTY

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MAP INDEX NUMBER: 1:500
 DRAWING NUMBER: 35

GEOLOGICAL BRANCH
 ASSESSMENT REPORT



GEOLOGICAL BRANCH
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Part 2 of 2

LITHOLOGY		MODIFIERS	
LM - LAMPROPHYRE DYKES	SS - SERICITE SCHIST	A - ACTINOLITE	H - HORNEBL
AL - ALABASTER	BT - BUTTE SCHIST	B - BOUTITE	J - JOLITE
GR - GRANODIORITE/SKARTE/QUARTZ MONZONITE	FF - FIFTH ORDER SHALE	CA - CALCITE VENNIG	AR - ARSENOPYRITE (TR)
DR - DORITE	LS - LAIN-ORIE GRAPHITE SHALE	BA - BARRO PIRRODITE	CA - CALCITE ALTERED
SC - SKARN-BANDED/SILICEOUS SKARN	AC - ANDESITE	PR - PRODIGE	CA - CALDAIA (TR)
MS - MASSIVE SILICEOUS/SOFT SILICEOUS	QT - QUARTZITE	FA - FALGOUT	CH - CHLORITE
BY - DORITE HYBRID PORPHYRY SKARN	TX - SHALEY CRYSTAL TURF	SK - SKARN ALTERED	PI - PYRITE (TR)
DH - DORITE HYBRID (CALC-SILICATE)	TS - TUFFaceous VOLCANIC	PI - PYRITE (TR)	PI - PYRITE (TR)
DP - DORITE PORPHYRY	MA - META BASALTIC ANDERITE	Q - QUARTZ VENNIG	SH - SHALERITE (YRS)
	VE - VENNIG	V - VISIBILE GOLD	

MAP SCALE

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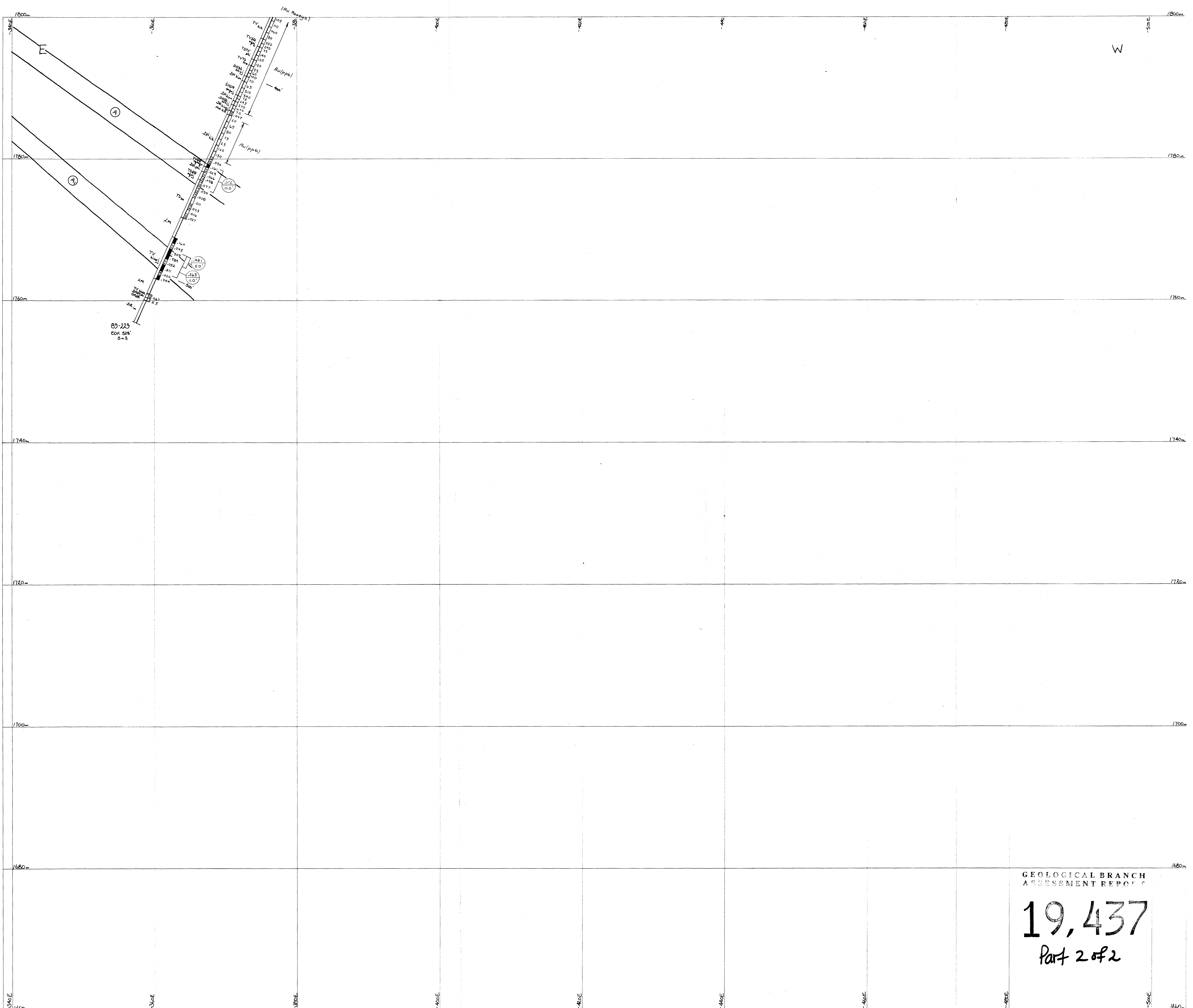
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SECTION 960N (-180E TO -340E)
GEOLOGY AND ASSAYS
SECTION AZIMUTH 90°
EAST RIDGE DEPOSIT

ESPERANZA EXPLORATIONS LTD. TILlicum MOUNTAIN PROPERTY	
MAP INDEX NUMBER	SCALE
	1:200
DRAWING NUMBER	26



GEOLOGICAL BRANCH
ASSESSMENT REPORT

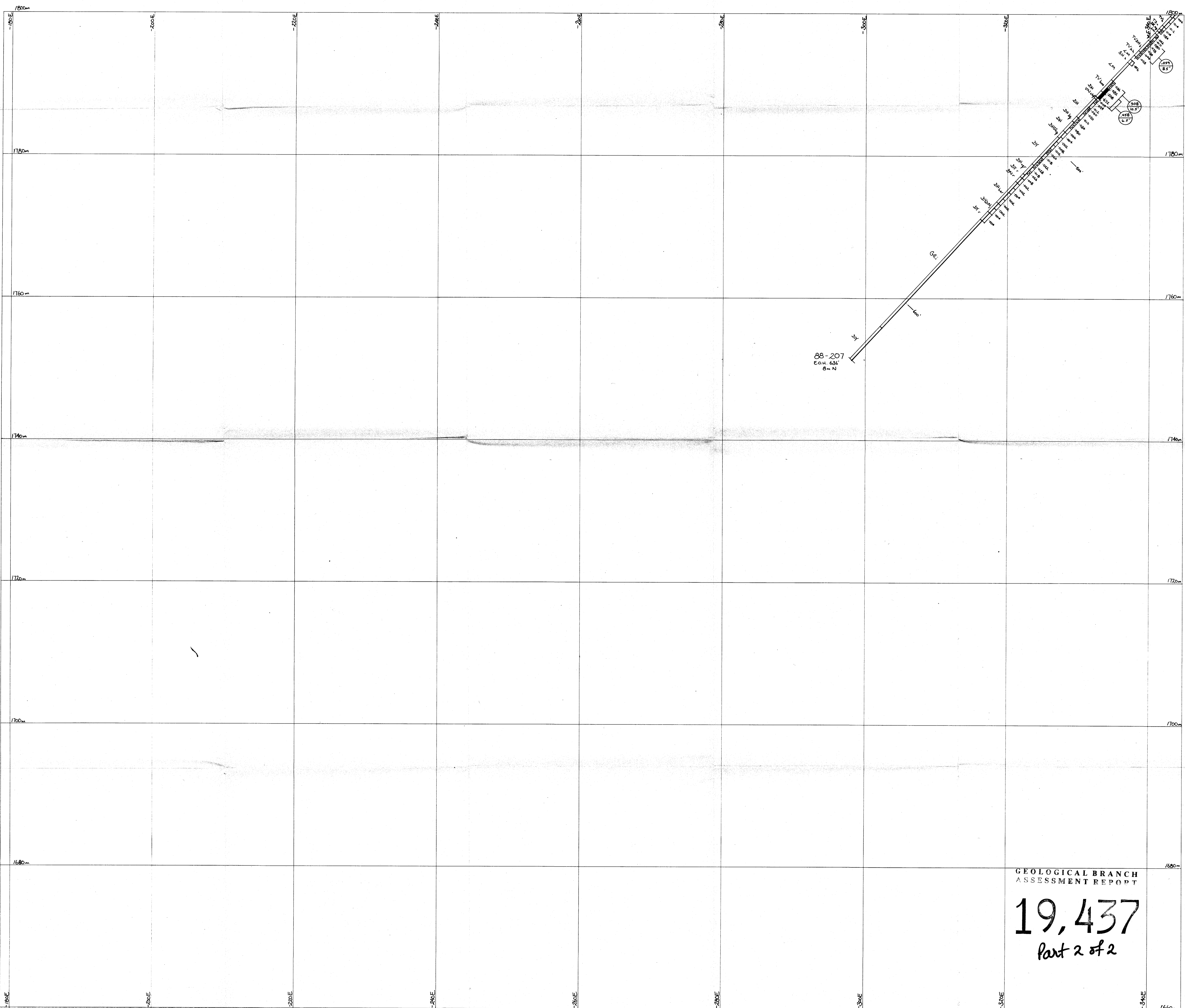
19,437
Part 2 of 2

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
LM	LAMPROPHYRIC DYKE	A	ANORTHITE	S	SILICIFIED
AL	ALABASTER	H	HORNBLITE	HA	HORNBLITE
ALC	ALCANTARA	I	ISOPHANE	K	KALSHOFENITE
AN	ANATASE	J	JAROSITE	L	LAGUNA
AP	APATITE	K	KALSHOFENITE	M	MALACONITE
AR	ARAGONITE	L	LAGUNA	N	NACRITE
AS	ASBESTOS	M	MALACONITE	O	ORPIMENT
AV	AVANTINITE	N	NACRITE	P	PIPERITE
B	BARSZCZEWICZITE	O	ORPIMENT	Q	QUARTZ
BA	BARSZCZEWICZITE	P	PIPERITE	R	REALGAR
BB	BARSZCZEWICZITE	Q	QUARTZ	S	SILICIFIED
BC	BARSZCZEWICZITE	R	REALGAR	SA	SALINITE
BD	BARSZCZEWICZITE	S	SILICIFIED	SB	SALINITE
BE	BARSZCZEWICZITE	SA	SALINITE	SC	SALINITE
BF	BARSZCZEWICZITE	SB	SALINITE	SD	SALINITE
BG	BARSZCZEWICZITE	SC	SALINITE	SE	SALINITE
BH	BARSZCZEWICZITE	SD	SALINITE	SF	SALINITE
BI	BARSZCZEWICZITE	SE	SALINITE	SG	SALINITE
BJ	BARSZCZEWICZITE	SF	SALINITE	SH	SALINITE
BK	BARSZCZEWICZITE	SG	SALINITE	SI	SALINITE
BL	BARSZCZEWICZITE	SH	SALINITE	SJ	SALINITE
BM	BARSZCZEWICZITE	SI	SALINITE	SK	SALINITE
BN	BARSZCZEWICZITE	SJ	SALINITE	SL	SALINITE
BO	BARSZCZEWICZITE	SK	SALINITE	SM	SALINITE
BP	BARSZCZEWICZITE	SL	SALINITE	SN	SALINITE
BQ	BARSZCZEWICZITE	SM	SALINITE	SO	SALINITE
BR	BARSZCZEWICZITE	SN	SALINITE	SP	SALINITE
BS	BARSZCZEWICZITE	SO	SALINITE	SQ	SALINITE
BT	BARSZCZEWICZITE	SP	SALINITE	SR	SALINITE
BU	BARSZCZEWICZITE	SQ	SALINITE	SS	SALINITE
BV	BARSZCZEWICZITE	SR	SALINITE	ST	SALINITE
BW	BARSZCZEWICZITE	SS	SALINITE	SV	SALINITE
BX	BARSZCZEWICZITE	ST	SALINITE	SW	SALINITE
BY	BARSZCZEWICZITE	SV	SALINITE	SX	SALINITE
BZ	BARSZCZEWICZITE	SW	SALINITE	SY	SALINITE
CA	CALCITE	SX	SALINITE	SZ	SALINITE
CB	CALCITE	SY	SALINITE	TA	TALUS
CC	CALCITE	SZ	SALINITE	TB	TALUS
CD	CALCITE	TA	TALUS	TC	TALUS
CE	CALCITE	TB	TALUS	TD	TALUS
CF	CALCITE	TC	TALUS	TE	TALUS
CG	CALCITE	TD	TALUS	TF	TALUS
CH	CALCITE	TE	TALUS	TF	TALUS
CI	CALCITE	TF	TALUS	TH	TALUS
CJ	CALCITE	TH	TALUS	TI	TALUS
CK	CALCITE	TI	TALUS	TJ	TALUS
CL	CALCITE	TJ	TALUS	TK	TALUS
CM	CALCITE	TK	TALUS	TL	TALUS
CN	CALCITE	TL	TALUS	TM	TALUS
CO	CALCITE	TM	TALUS	TN	TALUS
CP	CALCITE	TN	TALUS	TO	TALUS
CQ	CALCITE	TO	TALUS	TP	TALUS
CR	CALCITE	TP	TALUS	TQ	TALUS
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CU	CALCITE	TS	TALUS	TT	TALUS
CV	CALCITE	TT	TALUS	TU	TALUS
CW	CALCITE	TU	TALUS	TV	TALUS
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CP	CALCITE	TV	TALUS	TV	TALUS
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CR	CALCITE	TV	TALUS	TV	TALUS
CS	CALCITE	TV	TALUS	TV	TALUS
CT	CALCITE	TV	TALUS	TV	TALUS
CU	CALCITE	TV	TALUS	TV	TALUS
CV	CALCITE	TV	TALUS	TV	TALUS
CW	CALCITE	TV	TALUS	TV	TALUS
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SECTION 96 ON LOWER (-340E TO -500E)
GEOLOGY AND ASSAYS
SECTION AZIMUTH 90°
EAST RIDGE DEPOSIT

MAP INDEX NUMBER	SCALE	DRAWN NUMBER
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GEOLOGICAL BRANCH
ASSESSMENT REPORT

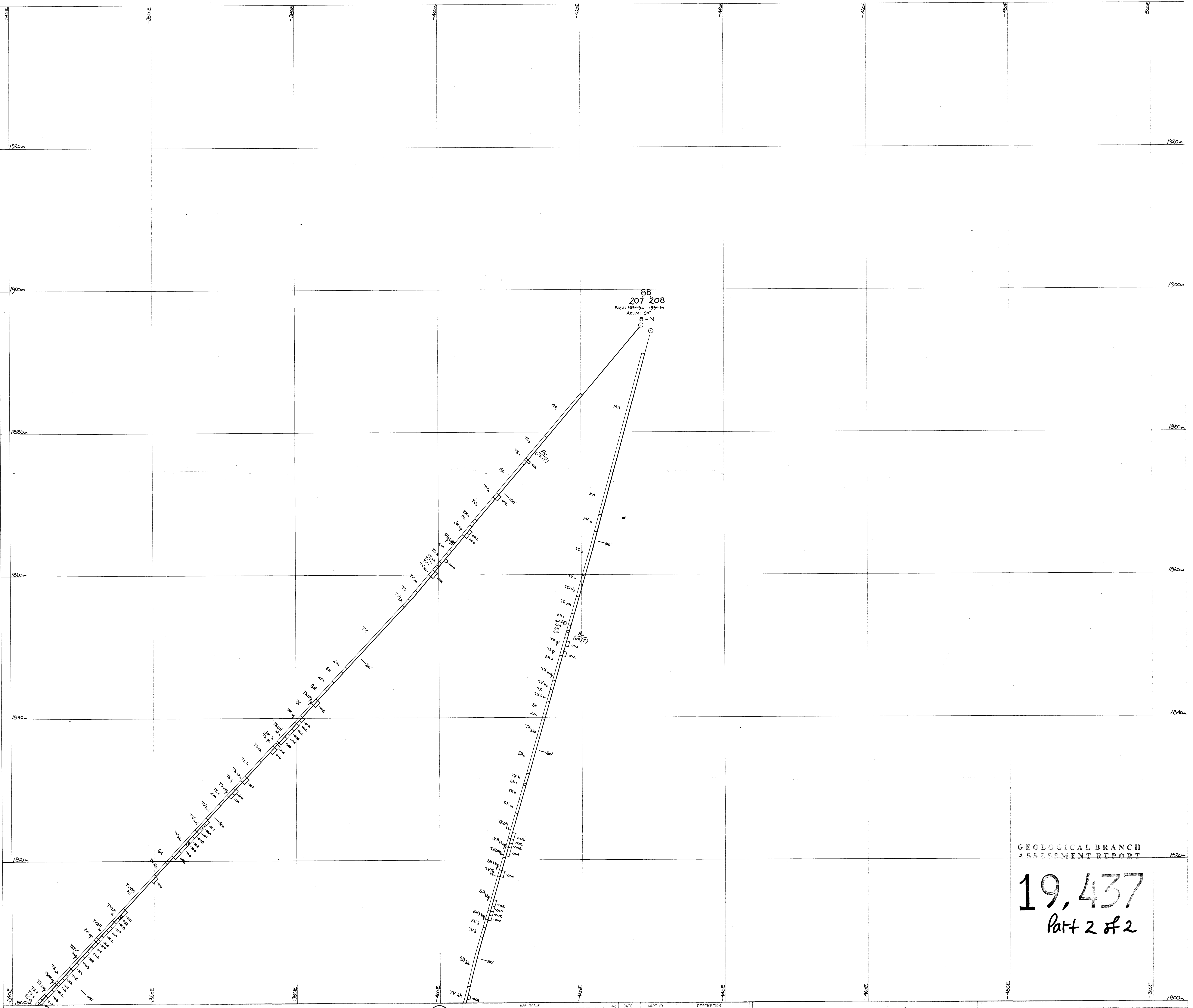
19,437
Part 2 of 2

LITHOLOGY		MODIFIERS	
1. SANDSTONE	10. QUARTZITE	A. ANTRACITE	M. MARBLE
2. SILTSTONE	11. SLATE	B. BITUMINOUS	N. NEOMORPHIC
3. SHALE	12. GNEISS	C. CALCAREOUS	O. OIL SHALE
4. SANDSTONE (SANDY)	13. GRANITE	D. DARK	P. PEGMATITE
5. SILTSTONE (SANDY)	14. DIORITE	E. EASY	Q. QUARTZITE
6. SHALE (SANDY)	15. GYPSUM	F. FINE	R. RED
7. SANDSTONE (FINE)	16. QUARTZITE (FINE)	G. GREEN	S. SANDSTONE
8. SILTSTONE (FINE)	17. GNEISS (FINE)	H. HARD	T. TUFF
9. SHALE (FINE)	18. DIORITE (FINE)	I. IRON	U. UNCONFORMABLE

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SECTION 980N LOWER (-180E TO -340E)
GEOLOGY AND ASSAYS
SECTION AZIMUTH 90°
EAST RIDGE DEPOSIT

ESPERANZA EXPLORATIONS LTD. TILlicum MOUNTAIN PROPERTY	MAP INDEX NUMBER	SCALE 1:200	DRAWING NUMBER 27
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GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,437
Part 2 of 2

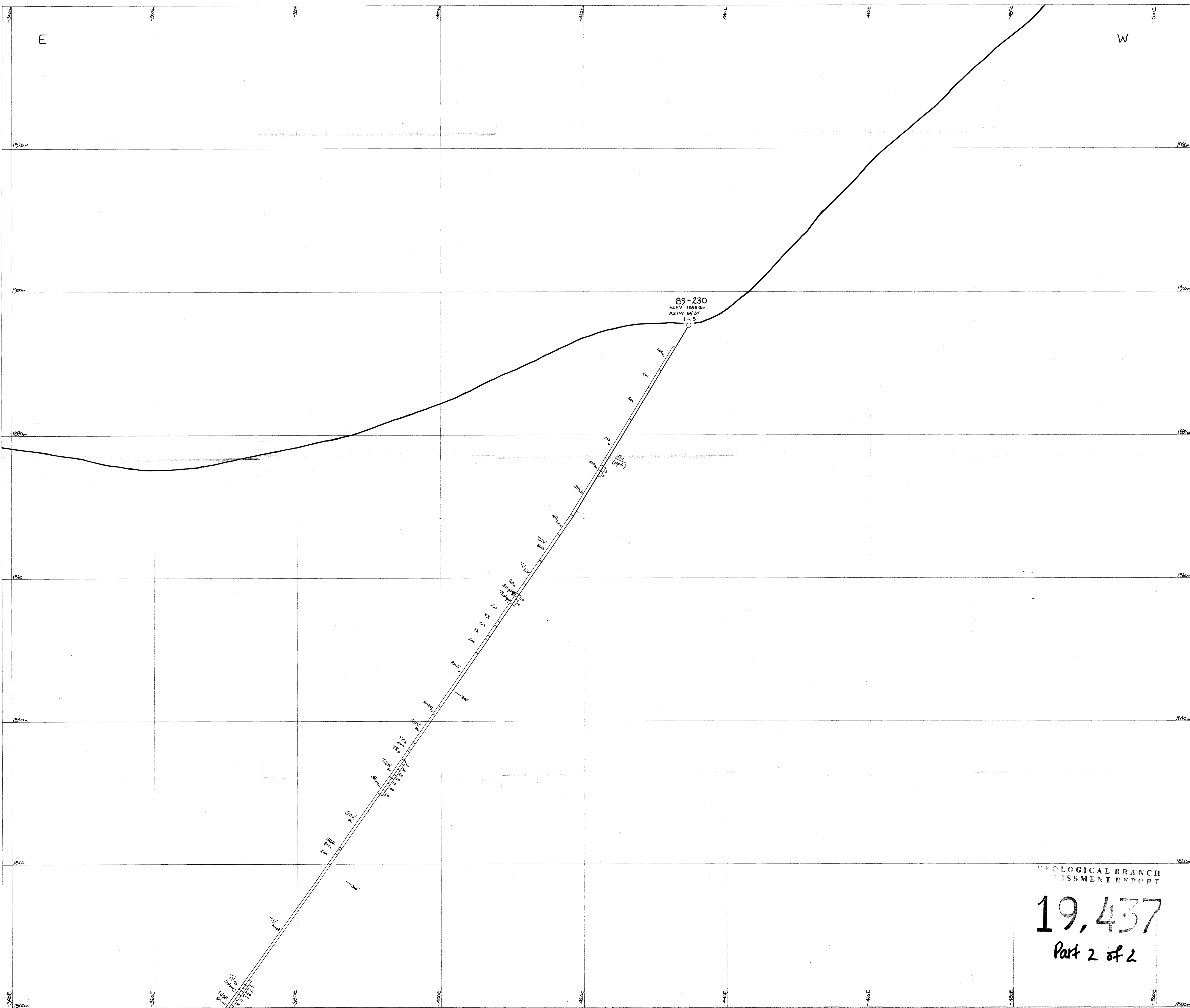
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SECTION 980N UPPER (340E TO -500E)
GEOLOGY AND ASSAYS
SECTION AZIMUTH 90°
EAST RIDGE DEPOSIT

ESPERANZA EXPLORATIONS LTD. TILlicum MOUNTAIN PROPERTY	
MAP SHEET NUMBER	SCALE
	1:200
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GEOLOGICAL BRANCH
ASSESSMENT REPORT

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Part 2 of 2

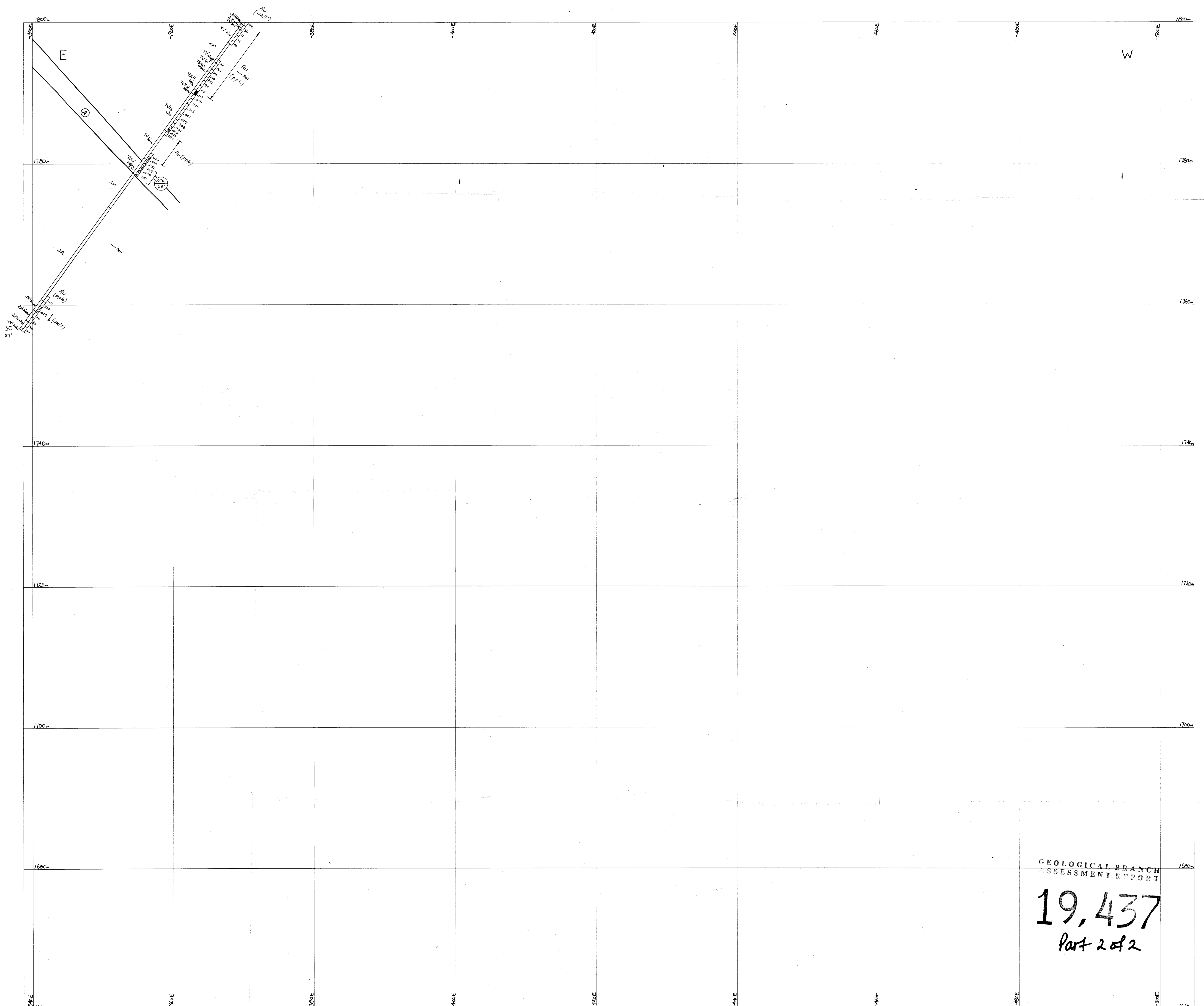
<p>LEGEND</p> <p>LA - LAMPROPHIRE ZONE AL - ANDALUSITE CH - CHLORITIC MUDROCK CR - CLAY DC - DORTHE HYBRID (DORTHE) DP - DORTHE PORPHYRY EP - EPIDITE GR - GRANITE HA - HORNBLAND HI - HORNBLAND IS - INTERSTRATIFIED MS - MASSIVE SULPHIDE PM - PEGMATITE QU - QUARTZ SA - SLAG SF - SLAG ST - STRATIFIED TR - TUFF VA - VANADINITE VE - VEGETATION VI - VISIBILITY WS - WASTE</p>	<p>MODIFIERS</p> <p>A - ANTIKALINE B - BIFURCATED C - CLUSTERED D - DIVERGENT E - ENCLAVES F - FOLIATED G - GRANULAR H - HORNBLAND I - INTERSTRATIFIED J - JAGGED K - KALINE L - LAMPROPHIRE M - MASSIVE N - NODULAR O - OOLITIC P - PORPHYRY Q - QUARTZ R - RHYOLITE S - SLAG T - TUFF U - UNCONFORMITY V - VEGETATION W - WASTE X - XENOLITHS Y - YOLITE Z - ZONED</p>	<p>Assays</p> <p>Ag - Silver Au - Gold Cu - Copper Fe - Iron Ni - Nickel Pb - Lead Zn - Zinc</p>
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<p>0 2 4 6 8 10 12 14 METRES</p>	<p>MAP SCALE</p>	<table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>MADE BY</th> <th>DESCRIPTION</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	DATE	MADE BY	DESCRIPTION																
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SECTION 1000N UPPER (340E TO 500E)
 GEOLOGY AND ASSAYS
 SECTION AZIMUTH 90°
 EAST RIDGE DEPOSIT

ESPERANZA EXPLORATIONS LTD.
 TILlicum MOUNTAIN PROPERTY

MAP INDEX NUMBER	SCALE	CADWING NUMBER
	1:200	28



GEOLOGICAL BRANCH
ASSESSMENT REPORT

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Part 2 of 2

LITHOLOGY

- LM - LAMPSONITE DYKES
- AL - ALKALITE
- CR - CRANFORDITE/RAMITE/QUARTZ MONZONITE
- SD - SKANNAWADZ/SLATE/SKARN
- SK - SKANNAWADZ-SLATE/SKARN
- MS - MASSIVE SULPHIDE/SKARN
- DN - DORITE HYBRID PORPHYRY SKARN
- BY - DORITE HYBRID PORPHYRY SKARN
- DF - DORITE PORPHYRY

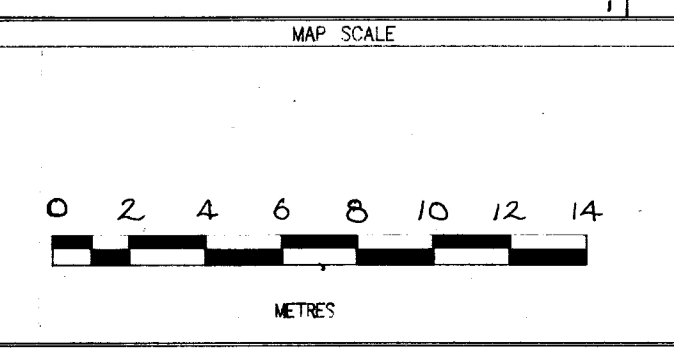
- SE - SERICITE/SKIST
- SO - SERICITE/SKIST
- SL - SLATE/SKIST
- SH - SHALE/SKIST
- QU - QUARTZITE
- TS - TUFFALOUS VOLCANIC
- MT - META-IGNEOUS ANDERITE
- VE - VEIN

MODIFIERS

- A - ACTINOLITE
- B - BACTINOLITE
- C - CALCITE
- D - DORITE
- F - FALTED
- G - GIBBSITE
- H - HORNEBLAS
- I - ILLITE
- J - JASPER
- K - KALCIUM
- L - LAMPSONITE
- M - MANGANESE
- N - NICKEL
- O - OXYGEN
- P - PYROPHILITE
- Q - QUARTZ
- R - RAMPARTITE
- S - SILICIFIED
- T - TUFFALOUS
- V - VEIN
- W - WOLFRAMITE
- X - XENOTIME
- Y - YENITE
- Z - ZINCOBLANDITE

Assays

- 1 - ACTINOLITE
- 2 - BACTINOLITE
- 3 - CALCITE
- 4 - DORITE
- 5 - FALTED
- 6 - GIBBSITE
- 7 - HORNEBLAS
- 8 - ILLITE
- 9 - JASPER
- 10 - KALCIUM
- 11 - LAMPSONITE
- 12 - MANGANESE
- 13 - NICKEL
- 14 - OXYGEN
- 15 - PYROPHILITE
- 16 - QUARTZ
- 17 - RAMPARTITE
- 18 - SILICIFIED
- 19 - TUFFALOUS
- 20 - VEIN
- 21 - WOLFRAMITE
- 22 - XENOTIME
- 23 - YENITE
- 24 - ZINCOBLANDITE



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SECTION 100N LOWER (340E TO 500E)
GEOLOGY AND ASSAYS
SECTION AZIMUTH 90°
EAST RIDGE DEPOSIT

ESPERANZA EXPLORATIONS LTD. TILlicum MOUNTAIN PROPERTY	
MAP INDEX NUMBER	SCALE
	1:200
DRAWING NUMBER	28