

86-657'15221

1985 SUMMARY EXPLORATION REPORT
GEOCHEMICAL SURVEY, SOIL & LITHOGEOCHEMICAL
SURVEYS, I.P. GEOPHYSICAL SURVEY & TRENCHING
ON THE TA HOOLA PROJECT
KAMLOOPS MINING DIVISION, B.C.
NTS 92P/9W

Vol. II
(Figs. 12a-32y)

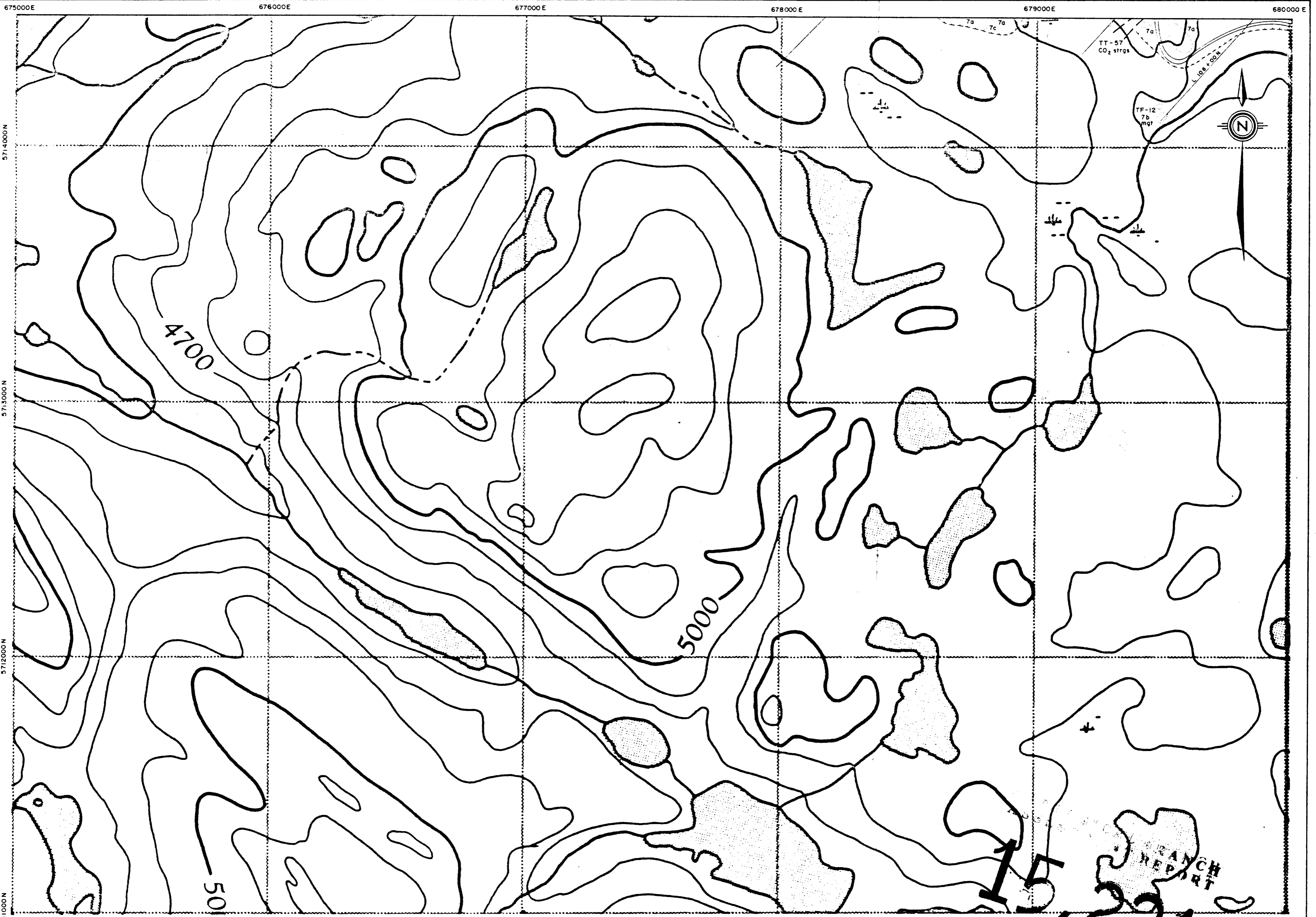
D. Gamble/R. Farmer
BP Res. Canada Ltd.

15221

PART

2 OF 3

10/97



LEGEND
UPPER TRIASSIC: NICOLA GROUP VOLCANICS
INTRUSIVES AND SEDIMENTS

- | | | | |
|----|---------------------------------------|----|---|
| 9 | SYENITE | 4a | ARGILLITE CONGLOMERATE |
| 8 | FELDSPAR PORPHYRY DYKE | 4 | ARGILLITE, MASSIVE |
| 7c | DIORITE BRECCIA | 3d | SILTSTONE - ARGILLITE CONGLOMERATE / BRECCIA |
| 7b | COARSE - GRAINED HORNBLENDE DIORITE | 3c | SILTSTONE - ARGILLITE, INTERBEDDED |
| 7a | FINE - TO MEDIUM - GRAINED DIORITE | 3b | GREYWACKE, MASSIVE, LAMINATED |
| 6 | SKARN - MASSIVE Mg, Py, S, Pyrr., Cpy | 3a | SILTSTONE WITH CHERT HORIZONS; BANDED, MASSIVE |
| 5 | LIMESTONE - DOLOMITE | 2c | ASH TUFF CONGLOMERATE / BRECCIA; SILICEOUS |
| | | 2b | ASH TUFF; MASSIVE, LAMINATED, CRYSTAL, LITHIC |
| | | 2a | LAPILLI TUFF; MASSIVE, CRYSTAL, LITHIC, SILICEOUS |

- | | | | |
|----|---|-----------------|---|
| 17 | BASALT | 14 ₁ | RELATED COARSE PYROCLASTICS - AGGLOMERATE |
| 16 | CHLORITE ANDESITE SCHIST | 14 ₂ | RELATED FINE - GRAINED PYROCLASTICS |
| 14 | AUGITE ANDESITE FLOW, PORPHYRITIC, MAY CONTAIN HORNBLENDE | 14 ₃ | BRECCIATED ANDESITE |
| | | 14 ₄ | ANDESITE ASH TUFF, MAY BE SILICEOUS |
| 1c | | 1b | ANDESITE TUFF, CRYSTAL, LITHIC |
| 1b | | 1a | ANDESITE TUFF BRECCIA, MAY CONTAIN PLUTONIC FRAGMENTS |

- MINERALIZATION**
- | | |
|-----------------|--------------|
| Py | PYRITE |
| Cpy | CHALCOPYRITE |
| CO ₂ | CARBONATE |
| Qtz | QUARTZ |
| Cc | CHALCOHITE |
| Pbs | GALENA |
| Tet | TETRAHEDRITE |
| Mgt | MAGNETITE |
| Zns | SPHALERITE |

- SYMBOLS**
- | | |
|-----|-----------------------------|
| --- | CONTACT (OBSERVED, ASSUMED) |
| — | ROAD |
| --- | LOGGED AREA |
| — | BEDDING |
| — | SCHISTOSITY |
| — | FRACTURES |
| ▲ | BRECCIA |

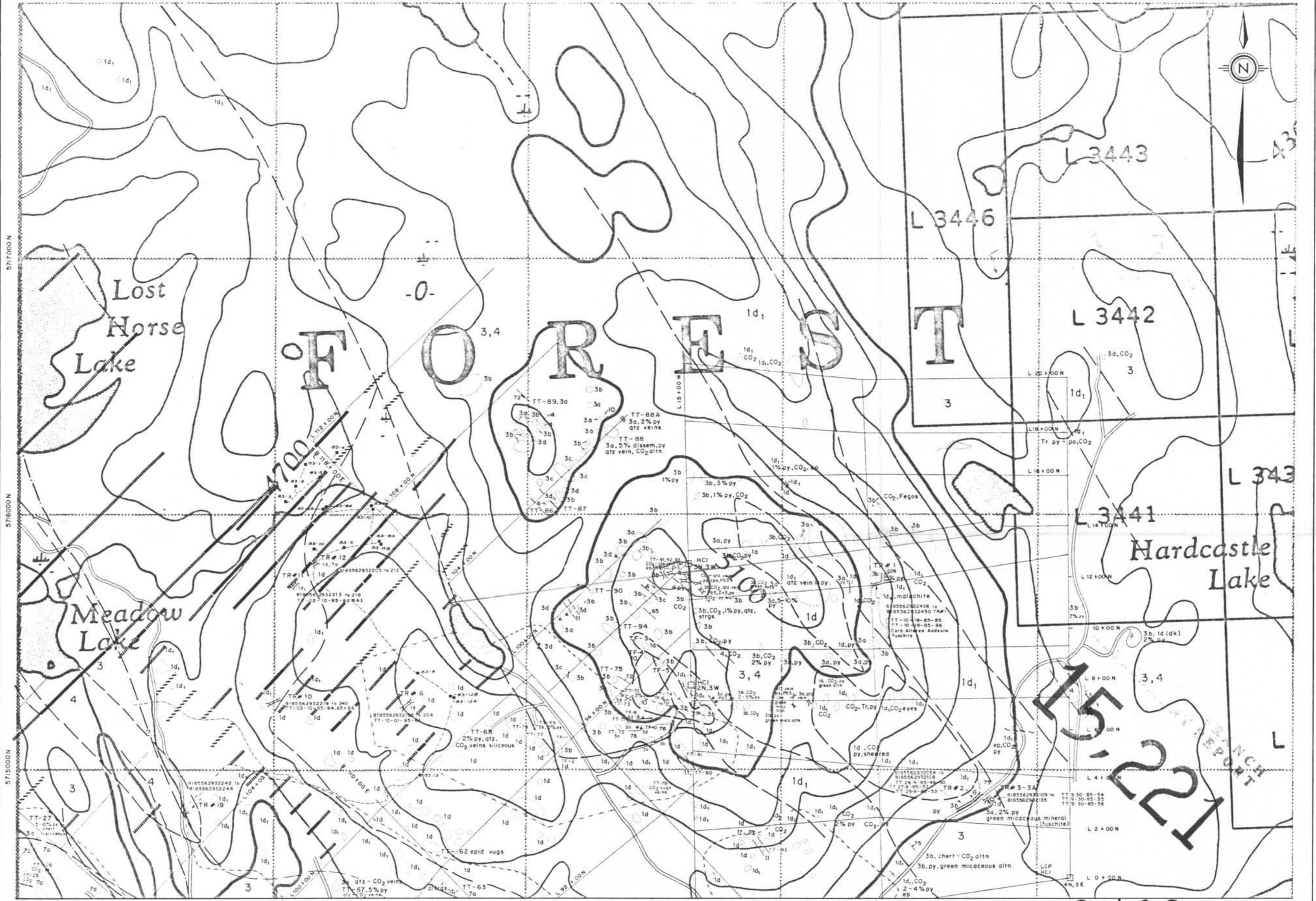
BP SELCO DIVISION -
BP RESOURCES CANADA LIMITED

TA HOOLA CLAIMS
TA HOOLA JOINT VENTURE - B.C.

GEOLOGY

SCALE	1:10,000	DRAWN BY:	D GAMBLE	FIG:	12b
DATE	MARCH 1985	DRAFTED BY:	E B W		
N.T.S.	92 P / 10	PROJ.	10141	REPORT	BPVR 85-48

part 2 of 3



LEGEND
UPPER TRIASSIC-NICOLA GROUP VOLCANICS
INTRUSIVES AND SEDIMENTS

- | | | | |
|----|---|----|---|
| 9 | SYENITE | 4a | ARGILLITE CONGLOMERATE |
| 8 | FELDSPAR PORPHYRY DYKE | 4 | ARGILLITE, MASSIVE |
| 7c | DIORITE BRECCIA | 3d | SILTSTONE-ARGILLITE CONGLOMERATE/BRECCIA |
| 7b | COARSE-GRAINED HORNBLENDE DIORITE | 3c | SILTSTONE-ARGILLITE, INTERBEDDED |
| 7a | FINE-TO MEDIUM-GRAINED DIORITE | 3b | GREYWACKE, MASSIVE, LAMINATED |
| 6 | SKARN-MASSIVE Mg ₁ , Py, Sph, Chl, Cpy | 3a | SILTSTONE WITH CHERT HORIZONS; BANDED, MASSIVE |
| 5 | LIMESTONE-DOLOMITE | 2c | ASH TUFF CONGLOMERATE/BRECCIA; SILICEOUS |
| | | 2b | ASH TUFF; MASSIVE, LAMINATED, CRYSTAL, LITHIC |
| | | 2a | LAPILLI TUFF, MASSIVE, CRYSTAL, LITHIC, SILICEOUS |

- | | | | |
|----|---|-----------------|---|
| 1f | BASALT | 1d ₁ | RELATED COARSE PYROCLASTICS-AGGLOMERATE |
| 1e | CHLORITE ANDESITE SCHIST | 1d ₂ | RELATED FINE-GRAINED PYROCLASTICS |
| 1d | AUGITE ANDESITE FLOW, PORPHYRITIC, MAY CONTAIN HORBLLENDE | 1d ₃ | BRECCIATED ANDESITE |
| | | 1d | ANDESITE ASH TUFF, MAY BE SILICEOUS |
| | | 1b | ANDESITE TUFF, CRYSTAL, LITHIC |
| | | 1a | ANDESITE TUFF BRECCIA, MAY CONTAIN PLUTONIC FRAGMENTS |

- | | | | |
|-----------------|--------------|-----|-----------------------------|
| Py | PYRITE | --- | CONTACT (OBSERVED, ASSUMED) |
| Cpy | CHALCOPYRITE | --- | ROAD |
| CO ₂ | CARBONATE | --- | LOGGED AREA |
| Qtz | QUARTZ | --- | BEDDING |
| Ce | CHALCOCITE | --- | SCHISTOSITY |
| P&S | GALENA | --- | FRACTURES |
| Tet | TETRAHEDRITE | ▲ | BRECCIA |
| Mqt | MAGNETITE | | |
| Zns | SPHALERITE | | |

--- I.P. DEFINITE, PROBABLE, POSSIBLE
--- I.P. CONDUCTOR AXIS

Part 2 of 3

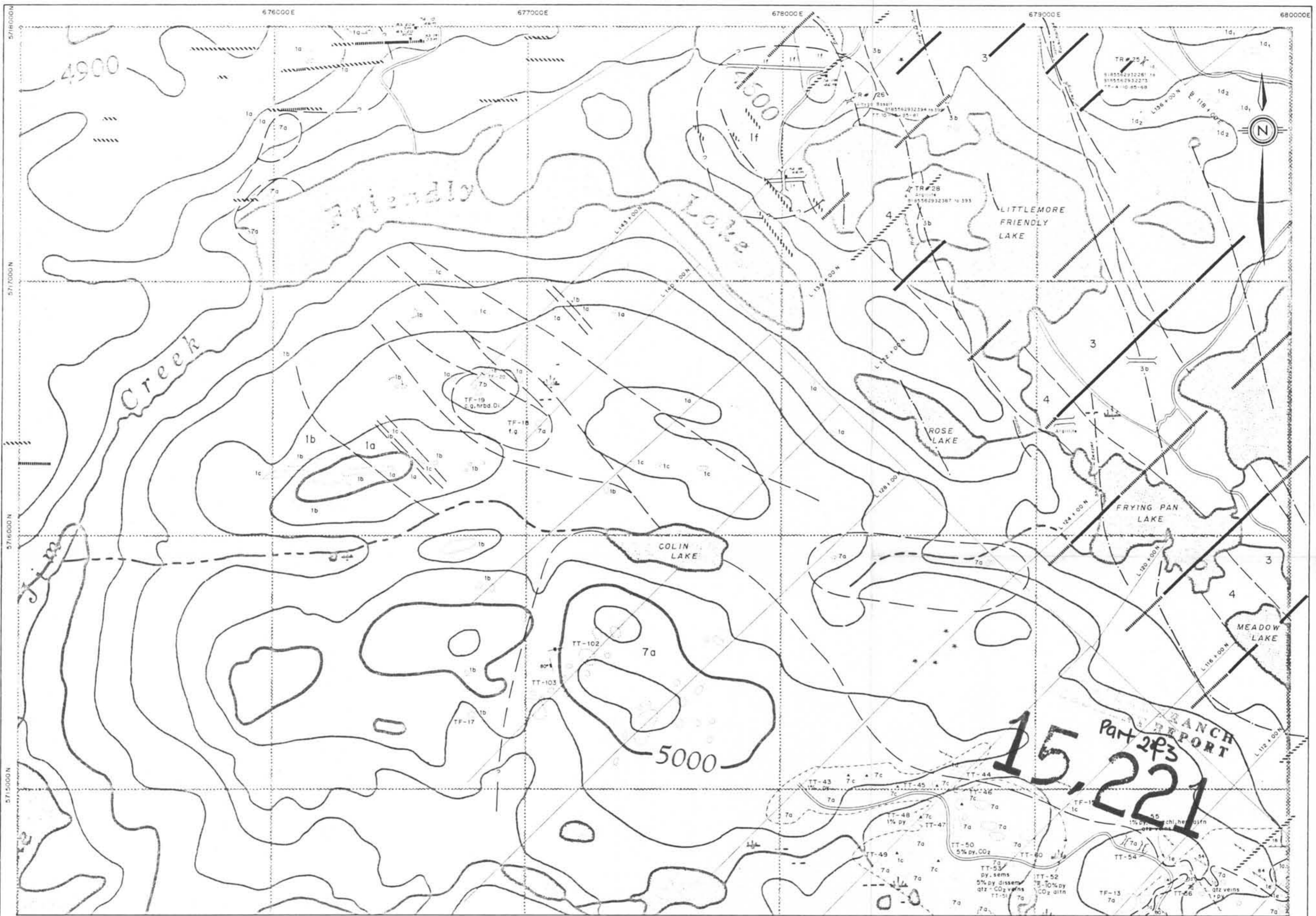


BP SELCO DIVISION -
BP RESOURCES CANADA LIMITED

TA HOOLA CLAIMS
TA HOOLA JOINT VENTURE - B.C.

GEOLOGY

SCALE	1:70,000	DRAWN BY	D. SAMBLE	PK-12 C
DATE	MARCH 1985	DRAFTED BY	E. B. W.	
N.T.S.	92 P/10	W.S.L.	10141	REPORT SPUR 85-46



LEGEND

UPPER TRIASSIC: NICOLA GROUP VOLCANICS
INTRUSIVES AND SEDIMENTS

4a	ARGILLITE CONGLOMERATE	1f	BASALT
4	ARGILLITE, MASSIVE	1k	CHLORITE ANDESITE SCHIST
5a	SILTSTONE - ARGILLITE CONGLOMERATE/BRECCIA	1d	AUGITE ANDESITE FLOW, PORPHYRITIC, MAY CONTAIN HORBLLENDE
3c	SILTSTONE - ARGILLITE, INTERBEDDED	1d1	RELATED COARSE PYROCLASTICS - AGGLOMERATE
3b	GREYWACKE, MASSIVE, LAMINATED	1d2	RELATED FINE-GRAINED PYROCLASTICS
3a	SILTSTONE WITH CHERT HORIZONS, BANDED, MASSIVE	1d3	BRECCIATED ANDESITE
7c	DIORITE BRECCIA	1d4	ANDESITE ASH TUFF, MAY BE SILICEOUS
7d	COARSE-GRAINED HORNBLLENDE DIORITE	1c	ANDESITE TUFF, CRYSTAL, LITHIC
7a	FINE-TO MEDIUM-GRAINED DIORITE	1b	ANDESITE TUFF, BRECCIA, MAY CONTAIN PLUTONIC FRAGMENTS
6	SKARN - MASSIVE Mt, Py, 2 Pyrr, Cpy	2c	ASH TUFF CONGLOMERATE/BRECCIA, SILICEOUS
5	LIMESTONE - DOLOMITE	2b	ASH TUFF, MASSIVE, LAMINATED, CRYSTAL, LITHIC
		2a	LAPILLI TUFF, MASSIVE, CRYSTAL, LITHIC, SILICEOUS

MINERALIZATION

Py	PYRITE
Cpy	CHALCOPYRITE
CO2	CARBONATE
Qtz	QUARTZ
Cc	CHALCOCITE
Pbs	GALENA
Tst	TETRAHEDRITE
Mt	MAGNETITE
ZnS	SPHALERITE

SYMBOLS

—	CONTACT (OBSERVED, ASSUMED)
—	ROAD
—	LOGGED AREA
—	BEDDING
—	SCHISTOSITY
—	FRACTURES
*	BRECCIA
—	I/P DEFINITE, PROBABLE, POSSIBLE
—	I/P CONDUCTOR AXIS



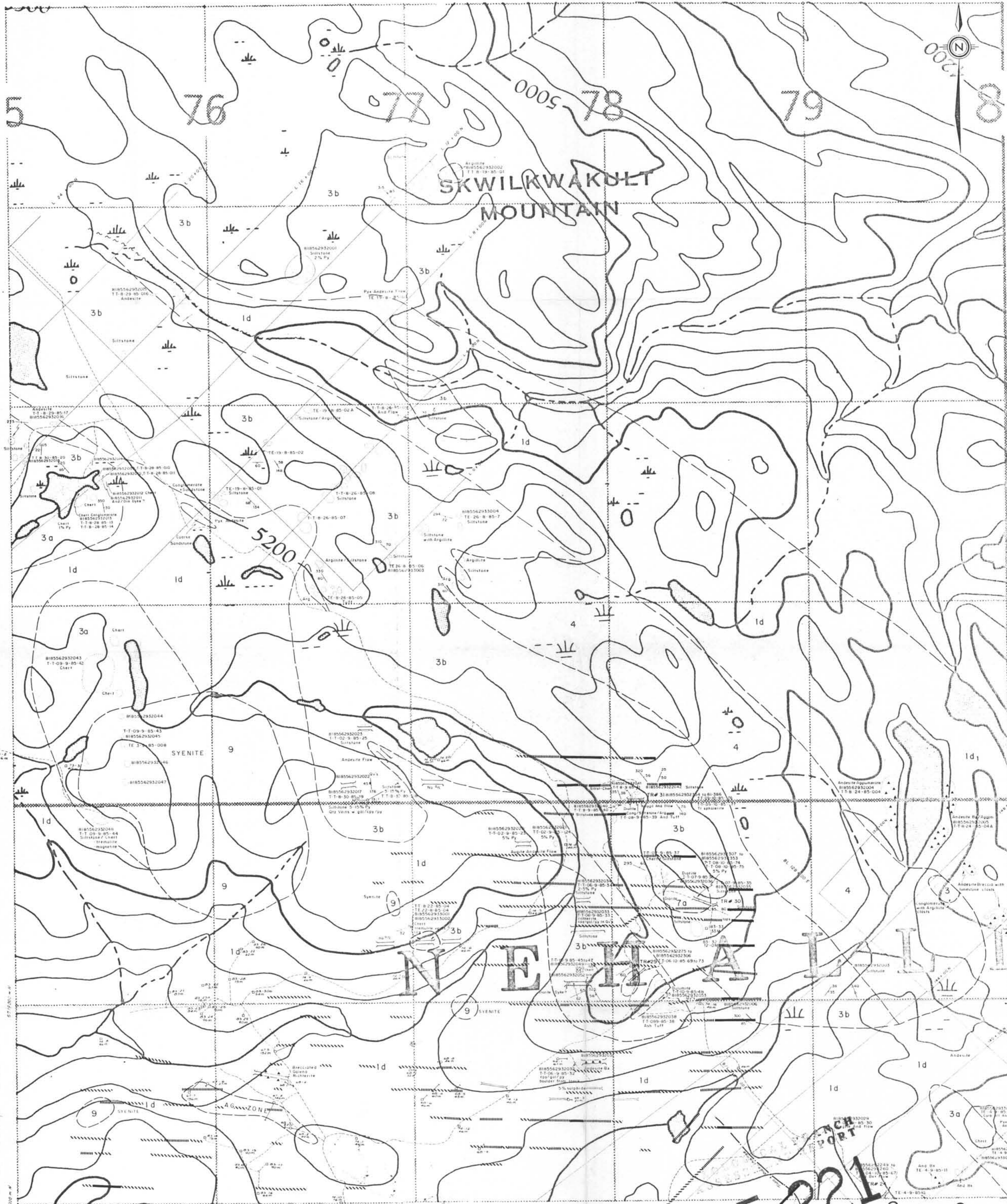
BRANCH REPORT
15,221
Part 2 of 3

BP SELCO DIVISION -
BP RESOURCES CANADA LIMITED

TA HOOLA CLAIMS
TA HOOLA JOINT VENTURE - B.C.

GEOLOGY

SCALE 1:10,000 DRAWN BY: D. GAMBLE
DATE: MARCH 1985 CHECKED BY: E.B.W. 12d
N.T.S. 92 P.F.10 10141 92007 BPVR 85-48



LEGEND
UPPER TRIASSIC: NICOLA GROUP VOLCANICS
INTRUSIVES AND SEDIMENTS

- 9 SYENITE
- 8 FELDSPAR PORPHYRY DYKE
- 7c DIORITE BRECCIA
- 7b COARSE-GRAINED HORNBLENDE DIORITE
- 7a FINE-TO MEDIUM-GRAINED DIORITE
- 6 SKARN - MASSIVE W/ Py, Ep, Ch, Qtz
- 5 LIMESTONE - DOLOMITE

- 4a ARGILLITE CONGLOMERATE
- 4 ARGILLITE MASSIVE
- 3d SILTSTONE - ARGILLITE CONGLOMERATE/BRECCIA
- 3c SILTSTONE - ARGILLITE, INTERBEDDED
- 3b GREYWACKE/MASSIVE, LAMINATED
- 3a SILTSTONE WITH CHERT HORIZONS, BANDED, MASSIVE
- 2c ASH TUFF CONGLOMERATE/BRECCIA, SILICEOUS
- 2b ASH TUFF, MASSIVE, LAMINATED, CRYSTALLINE, LITHIC
- 2a LAPILLI TUFF, MASSIVE, CRYSTALLINE, LITHIC, SILICEOUS

- 1f BASALT
- 1e CHLORITE ANDESITE SCHIST
- 1d AUGITE ANDESITE FLOW, PORPHYRYTIC, MAY CONTAIN HORNBLENDE
- 1c RELATED COARSE PYROCLASTICS - ARGLOMERATE
- 1b BRECCIATED ANDESITE
- 1a ANDESITE ASH TUFF, MAY BE SILICEOUS
- 1d ANDESITE TUFF, CRYSTALLINE, LITHIC
- 1c ANDESITE TUFF BRECCIA, MAY CONTAIN PLUTONIC FRAGMENTS

- MINERALIZATION**
- Py PYRITE
 - Chp CHALCOPYRITE
 - CO₂ CARBONATE
 - Qtz QUARTZ
 - C4 CHALCOCLITE
 - P&S GALENA
 - Tet TETRAGEDRITE
 - Mg1 MAGNETITE
 - ZAS SPHALERITE

- SYMBOLS**
- CONTACT (OBSERVED, ASSUMED)
 - ROAD
 - LOGGED AREA
 - BEDDING
 - SCHISTOSITY
 - FRACTURES
 - BRECCIA



BP SELCO DIVISION -
BP RESOURCES CANADA LIMITED

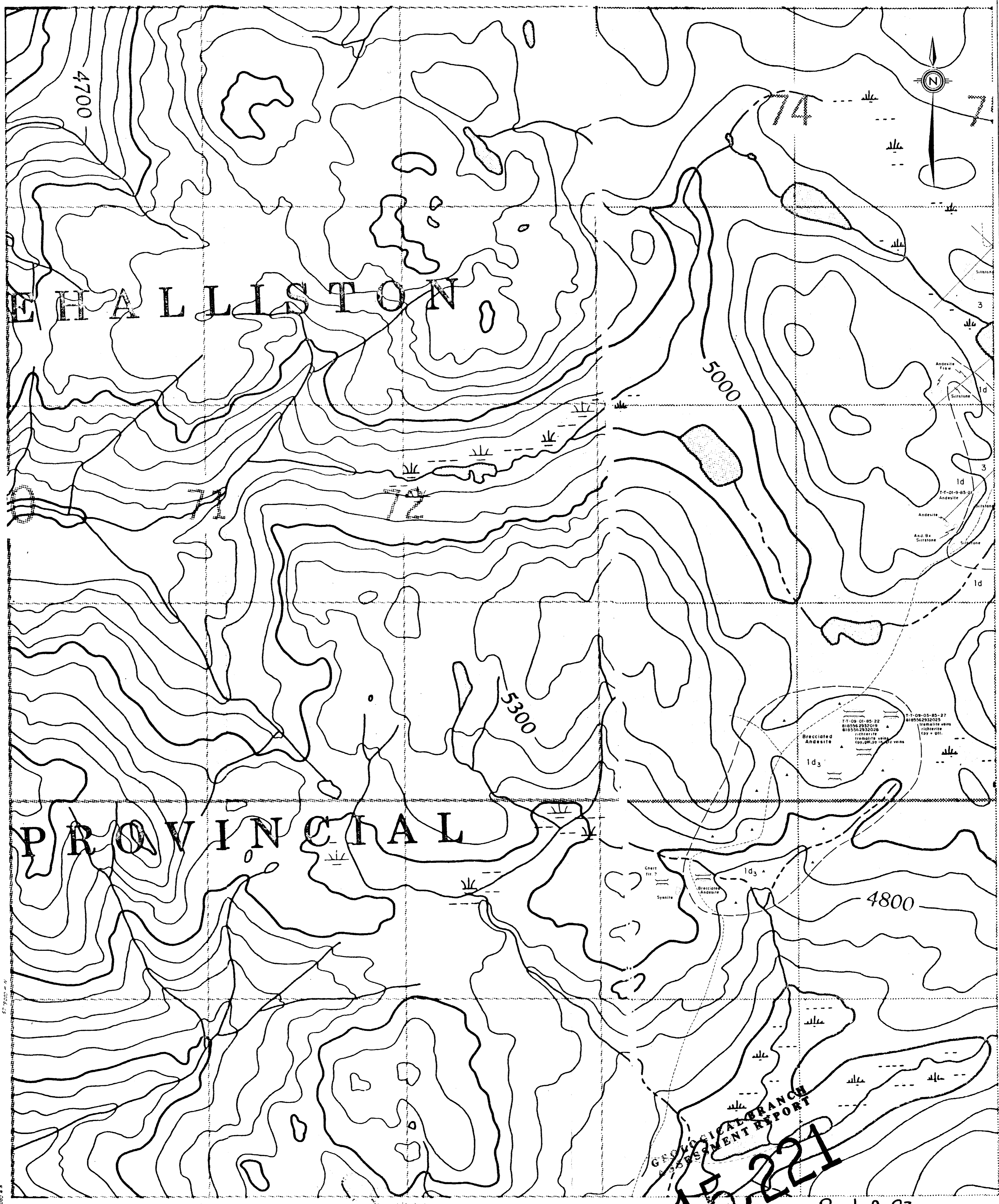
TA HOOLA CLAIMS

TA HOOLA JOINT VENTURE - B.C.

GEOLOGY

SCALE 1:50,000 DRAWN BY: D. GAMBLE FIG-12e
DATE: FEB 1986
UTM: 52 P 10 PROJ: 10143 REPORT: BPWR 85-44

15,221 Part 2 of 3



LEGEND

UPPER TRIASSIC: NICOLA GROUP VOLCANIC, INTRUSIVES AND SEDIMENTS

- 9 SYENITE
- 8 FELDSPAR PORPHYRY DYKE
- 7c DIORITE BRECCIA
- 7a COARSE-GRAINED HORNBLENDE DIORITE
- 7b FINE-TO MEDIUM-GRAINED DIORITE
- 6 SKARN - MASSIVE Mg, Fe, Ca, Py, Chl, Qtz
- 5 LIMESTONE - DOLOMITE

- 4a ARGILLITE CONGLOMERATE
- 4 ARGILLITE MASSIVE
- 3a SILTSTONE - ARGILLITE CONGLOMERATE/BRECCIA
- 3c SILTSTONE - ARGILLITE, INTERBEDDED
- 3b GREYWACKE, MASSIVE, LAMINATED
- 3d SILTSTONE WITH CHERT HORIZONS, BANDED, MASSIVE
- 2c ASH TUFF CONGLOMERATE/BRECCIA; SILICEOUS
- 2b ASH TUFF; MASSIVE, LAMINATED, CRYSTAL, LITHIC
- 2a LAPILLI TUFF; MASSIVE, CRYSTAL, LITHIC, SILICEOUS

- 1f BASALT
- 1e CHLORITE ANDESITE SCHIST
- 1d AUGITE ANDESITE FLOW, PORPHYRITIC, MAY CONTAIN HORNBLENDE
- 1c1 RELATED COARSE PYROCLASTICS - AGGLOMERATE
- 1c2 RELATED FINE-GRAINED PYROCLASTICS
- 1c3 BRECCIATED ANDESITE
- 1c4 ANDESITE ASH TUFF, MAY BE SILICEOUS
- 1b ANDESITE TUFF; CRYSTAL, LITHIC
- 1a ANDESITE TUFF BRECCIA, MAY CONTAIN PLUTONIC FRAGMENTS

MINERALIZATION

- P₁ PYRITE
- CO₁ CHALCOPYRITE
- CO₂ CARBONATE
- Q₁ QUARTZ
- C₁ CHALCOHITE
- PbS GALENA
- T₁ TETRAHEDRITE
- M₁ MAGNETITE
- ZnS SPHALERITE

SYMBOLS

- CONTACT (OBSERVED, ASSUMED)
- ROAD
- LOGGED AREA
- BEDDING
- SCHISTOSITY
- FRACTURES
- BRECCIA



BP SELCO DIVISION - BP RESOURCES CANADA LIMITED
TA HOOLA CLAIMS
 TA HOOLA JOINT VENTURE - B.C.
GEOLOGY

SCALE 1:10,000 DRAWN BY: D. GAMBLE
 DATE FEB 1986 DRAFTED BY: J.B.W. FIG 121
 N.T.S. 92 P / 10 PROJ. 10141 REPORT BP/R 83-46

15,221
 GEOLOGICAL BRANCH
 ASSESSMENT REPORT
 Part 2 of 3

B.P. SELCO TAHOOLA L146+00N		X=50M RHO (OHM-M)																																							
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40		
COORDINATE	9800E	9900E	10000E	10100E	10200E	10300E	10400E	10500E	10600E	10700E	10800E	10900E	11000E	11100E	11200E	11300E	11400E	11500E	11600E	11700E																					
INTERPRETATION																																									
N=1	683	776	458	459	318	350	147	116	101	196	308	607	369	265	178	287	405	760	1173	769	802	633	734	864	950	1212	449	460	289	722	595	813	482	1127	630	393	287	269	387	758	
N=2	963	488	656	581	392	341	238	143	130	310	506	465	350	267	250	458	533	767	833	972	589	663	997	838	996	618	563	328	498	531	624	635	769	738	386	492	289	284	545		
N=3	641	687	694	648	298	441	282	205	190	432	324	396	311	431	440	618	513	518	988	767	713	852	980	885	515	723	385	535	399	653	483	808	540	484	518	475	307	358			
N=4	864	627	646	416	363	423	374	278	251	267	268	324	466	784	636	567	354	587	728	931	908	880	984	479	648	485	596	450	546	545	625	518	362	658	461	469	342				
N=5																																									
N=6																																									

SELCO DIVISION - B.P.

TAHOOLA PROPERTY
KAMLOOPS M.D.

LINE NO. - L146+00N

B.P. SELCO TAHOOLA L146+00N		X=50M PFE																																								
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40			
COORDINATE	9800E	9900E	10000E	10100E	10200E	10300E	10400E	10500E	10600E	10700E	10800E	10900E	11000E	11100E	11200E	11300E	11400E	11500E	11600E	11700E																						
INTERPRETATION																																										
N=1	2.5	1.8	2.8	2.9	2.8	2.1	1.6	1.3	1.6	1.1	1.5	3	2.3	2.5	2.2	2.1	3.2	3.7	4.2	4.8	2.6	3.1	3.5	3.3	3.6	3.3	2.3	2	1.3	1.8	2	2.5	2.2	3.5	3.6	2.7	2.5	4.2	6.8	9.1		
N=2	2.3	2.8	3.4	3.5	2.6	2.6	2.6	2	1.3	2.3	3.2	2	2.1	3.2	1.8	2.6	4.2	3.8	3.6	4.7	3	3.6	4.3	2.8	3.1	3.1	2.6	1.8	1.8	2	3.2	2.3	3.8	4.2	2.4	4	3	5.8	8.8			
N=3	2.7	3.3	3.6	3.4	2.9	3.4	2.9	1.8	1.8	3.8	1.7	1.6	2.8	4.1	1.7	3.1	3.3	3.2	3.6	4.4	3.2	4.3	3.7	2.6	3	3.1	2.6	2.6	2.6	2.6	2.2	3.8	3.6	2.8	3.5	4.2	5.2	6.7				
N=4	3.6	3.6	3.6	3.5	4	3.5	2.3	2	2.5	2.7	1.5	2.2	3	4	2.4	2.3	2.7	3.4	3.7	4.8	3.7	2.9	3.3	2.6	3.1	2.8	2.3	3.1	1	2.3	4	3	2.5	5	4.5	6.8	6					
N=5																																										
N=6																																										

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15.221

PLOTTING POINT X=50M

Part 2 of 3

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE 
PROBABLE 
POSSIBLE 

B.P. SELCO TAHOOLA L146+00N		X=50M METAL FACTOR																																								
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40			
COORDINATE	9800E	9900E	10000E	10100E	10200E	10300E	10400E	10500E	10600E	10700E	10800E	10900E	11000E	11100E	11200E	11300E	11400E	11500E	11600E	11700E																						
INTERPRETATION																																										
N=1	3.7	2.3	6.1	6.3	8.8	6	11	11	16	5.6	4.9	4.9	6.2	9.4	12	7.3	7.9	4.9	3.6	6.2	3.2	4.9	4.8	3.8	3.8	2.7	5.1	4.3	4.5	2.5	3.4	3.1	4.6	3.1	5.7	6.9	8.7	16	18	12		
N=2	2.4	5.7	5.2	6	6.6	7.6	11	14	10	7.4	6.3	4.3	6	12	7.2	5.7	7.9	5	4.3	4.8	5.1	5.4	4.3	3.3	3.1	5	4.6	5.5	3.6	3.8	5.1	3.6	4.9	5.7	6.2	8.1	10	20	16			
N=3	4.2	4.8	5.2	5.2	9.7	7.7	10	8.8	9.5	8.8	5.2	4	9	9.5	3.9	5	6.4	6.2	3.6	5.7	4.5	5	3.8	2.9	5.8	4.3	6.8	4.9	6.5	4	4.6	4.7	6.7	5.8	6.8	8.8	17	19				
N=4	4.2	5.7	5.6	8.4	11	8.3	6.1	7.2	10	10	5.6	6.8	6.4	5.1	3.8	4.1	7.6	5.8	5.1	5.2	4.1	3.3	3.4	5.4	4.8	5.8	3.9	6.9	1.8	4.2	6.4	5.8	6.9	7.6	9.8	14	18					
N=5																																										
N=6																																										

FREQUENCY (HERTZ) 4 0.0.25 DATE SURVEYED: FEB. 1985 APPROVED

NOTE- CONTOURS AT LOGARITHMIC INTERVALS: 1, -1.5, -2, -3, -5, -7, 5, -10 DATE

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
AND RESISTIVITY SURVEY

B.P. SELCO TAHOOLA L145+00N														X=50M		RHO (OHM-M)	
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	14				
COORDINATE	10200E	10300E	10400E	10500E	10600E	10700E	10800E										
INTERPRETATION																	
N=1	109	177	378	581	416	234	216	234	328	509	1175	713	757	648	N=1		
N=2	119	196	681	592	199	353	442	402	469	507	957	763	715	N=2			
N=3	132	315	575	233	299	633	879	514	442	475	924	792	N=3				
N=4	211	269	225	323	440	1188	1045	415	399	483	978	N=4					
N=5													N=5				
N=6													N=6				

SELCO DIVISION - B.P.

TAHOOLA PROPERTY
KAMLOOPS M.C.

LINE NO. - L145N
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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Part 2 of 3

PLOTTING POINT X=50M

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE 
PROBABLE 
POSSIBLE 

B.P. SELCO TAHOOLA L145+00N														X=50M		PFE	
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	14				
COORDINATE	10200E	10300E	10400E	10500E	10600E	10700E	10800E										
INTERPRETATION																	
N=1	1.6	2.3	1.6	2.1	3.2	2.7	2.4	1.5	2	3	3.9	3.4	3.2	3.2	N=1		
N=2	1.1	1.3	2.6	3.4	1.7	3.2	2.6	2.4	3	3.4	3.5	3.4	3.2	N=2			
N=3	.6	2.7	4.2	2	1.7	3.6	4	2.7	3.1	3	3.4	3.4	N=3				
N=4	1.8	4.2	2.5	2	2.5	4.2	4.2	3	2.5	3.2	3.5	N=4					
N=5													N=5				
N=6													N=6				

B.P. SELCO TAHOOLA L145+00N														X=50M		METAL FACTOR	
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	14				
COORDINATE	10200E	10300E	10400E	10500E	10600E	10700E	10800E										
INTERPRETATION																	
N=1	15	13	4.2	3.6	7.7	12	11	6.4	6.1	5.9	3.3	4.8	4.2	4.9	N=1		
N=2	9.2	6.6	3.8	5.7	8.5	9.1	5.9	6	6.4	6.7	3.7	4.5	4.5	N=2			
N=3	4.5	8.6	7.3	8.6	5.7	5.7	4.6	5.3	7	6.3	3.7	4.3	N=3				
N=4	8.5	16	11	6.2	5.7	3.5	4	7.2	6.3	6.6	3.6	N=4					
N=5													N=5				
N=6													N=6				

FREQUENCY (HERTZ)
4.0, 0.25

DATE SURVEYED: FEB. 1985
APPROVED _____

NOTE- CONTOURS
AT LOGARITHMIC
INTERVALS: 1, -1.5
-2, -3, -5, -7.5, -10

DATE _____

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
AND RESISTIVITY SURVEY

B.P. SELCO TAHOOLA L144+00N X=50M RHO (OHM-M)

DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
COORDINATE	10400E	10500E	10600E	10700E	10800E	10900E	11000E	11100E	11200E	11300E	11400E	11500E	11600E	11700E														
N=1	528	340	588	324	520	724	588	386	810	950	550	651	620	554	311	665	254	568	565	558	752	684	461	356	468	549	445	942
N=2	500	259	682	686	384	617	800	587	754	982	580	813	858	463	336	646	684	454	667	585	897	1020	514	372	496	506	488	484
N=3	453	216	510	799	903	415	629	713	1004	939	656	648	909	699	288	744	643	926	418	686	836	1036	763	443	461	527	371	558
N=4	260	181	404	585	950	970	380	545	1053	1158	619	760	708	704	433	629	722	853	885	405	866	827	819	688	510	521	352	395
N=5																												
N=6																												

B.P. SELCO TAHOOLA L144+00N X=50M PFE

DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
COORDINATE	10400E	10500E	10600E	10700E	10800E	10900E	11000E	11100E	11200E	11300E	11400E	11500E	11600E	11700E														
N=1	2.9	3.7	2	2.7	2.9	3.4	2.5	2.4	3.2	2.4	3	1.9	1.8	3	3.6	2.6	2.6	3.2	3.6	3.6	1.9	3.5	2.9	2.8	3	5	7.1	9.5
N=2	3	2.4	3.2	2	2.9	3	3.2	1.9	3.1	3.2	2.4	3	2.8	2.8	2.8	2.7	2.7	3.6	3	3.3	3.5	3.2	2.7	3	3.6	4.5	6.8	8.7
N=3	4.2	2.4	2.2	3.3	3.2	3	3	3	3.2	2.7	3	3.2	3.1	3	2.3	2.1	2.5	3.8	3.6	2.6	2.6	4.5	3.5	3.5	3.5	5.5	5.7	7.5
N=4	4.4	2	2.1	2.4	3.9	4.7	3.2	2.7	3.7	3	2.7	3	3.7	3.6	2.5	1.8	2.3	3.6	4	3.1	2.3	3.6	4	3.9	3.5	4.5	6	6
N=5																												
N=6																												

B.P. SELCO TAHOOLA L144+00N X=50M METAL FACTOR

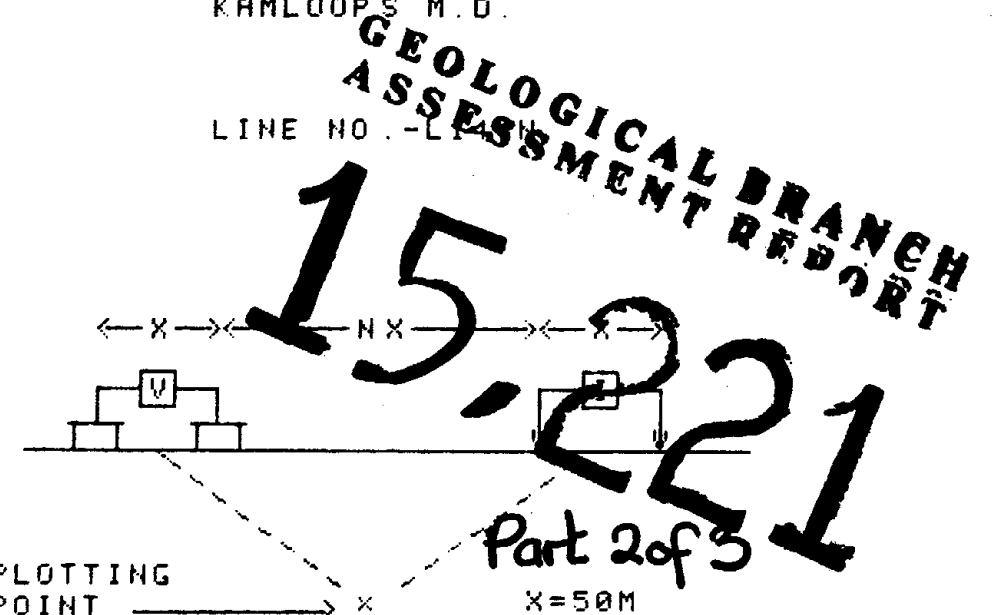
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
COORDINATE	10400E	10500E	10600E	10700E	10800E	10900E	11000E	11100E	11200E	11300E	11400E	11500E	11600E	11700E														
N=1	5.5	11	3.4	8.3	5.6	4.7	4.3	6.2	4	2.5	5.5	2.9	2.9	5.4	12	3.9	10	5.6	6.4	6.5	2.5	5.1	6.3	7.9	6.4	9.1	16	10
N=2	6	9.3	4.7	2.9	7.6	4.9	4	3.2	4.1	3.3	4.1	3.7	3.3	6	8.3	4.2	3.9	7.9	4.5	5.6	3.9	3.1	5.3	8.1	7.3	8.9	14	18
N=3	9.3	11	4.3	4.1	3.5	7.2	4.8	4.2	3.2	2.9	4.6	4.9	3.4	4.3	8	2.8	3.9	4.1	8.6	3.8	3.1	4.3	4.6	7.9	7.6	10	15	13
N=4	17	11	5.2	4.1	4.1	4.8	8.4	5	3.5	2.6	4.4	3.9	5.2	5.1	5.8	2.9	3.2	4.2	4.5	7.7	2.7	4.4	4.9	5.7	6.9	8.6	17	15
N=5																												
N=6																												

SELCO DIVISION - B.P.

TAHOOLA PROPERTY

KAMLOOPS M.D.

LINE NO. - L-144



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
 PROBABLE
 POSSIBLE

FREQUENCY (HERTZ) 400.25 DATE SURVEYED FEB. 1985
 APPROVED

NOTE- CONTOURS AT LOGARITHMIC INTERVALS: 1, -1.5, -2, -3, -5, -7.5, -10
 DATE _____

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION AND RESISTIVITY SURVEY

B.P. SELCO TAHOOOLA L143+00N											X=50M RHO (OHM-M)	
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10			
COORDINATE	10400E	10500E	10600E	10700E	10800E							
INTERPRETATION												
N=1	475	606	448	475	602	642	475	686	458	1412	N=1	
N=2	390	437	729	706	583	577	429	716	822	1230	N=2	
N=3	268	363	506	1014	844	559	351	573	746	1766	N=3	
N=4	183	233	420	679	1096	802	360	463	623	1493	N=4	
N=5											N=5	
N=6											N=6	

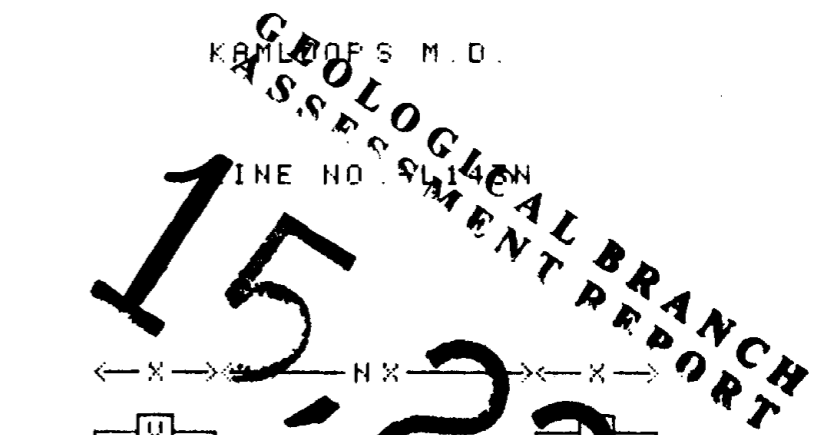
B.P. SELCO TAHOOOLA L143+00N											X=50M PFE	
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10			
COORDINATE	10400E	10500E	10600E	10700E	10800E							
INTERPRETATION												
N=1	2.8	3.5	3.1	3	3.1	3.8	3.3	2.5	2.2	2.8	N=1	
N=2	2.8	3.8	3	3.1	2.9	3.3	3.1	3.5	2.6	2.8	N=2	
N=3	3	2.3	2.3	3.1	3.5	2.8	2.3	3.3	3.5	2.9	N=3	
N=4	2.8	2.3	1.8	2.3	3.1	3.5	2.8	2.5	3.1	4.8	N=4	
N=5											N=5	
N=6											N=6	

B.P. SELCO TAHOOOLA L143+00N											X=50M METAL FACTOR	
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10			
COORDINATE	10400E	10500E	10600E	10700E	10800E							
INTERPRETATION												
N=1	5.9	5.8	6.9	6.3	5.1	5.9	6.9	3.6	4.8	2	N=1	
N=2	7.2	8.7	4.1	4.4	5	5.7	7.2	4.9	3.2	2.3	N=2	
N=3	11	6.3	4.5	3.1	4.1	5	6.6	5.8	4.7	1.6	N=3	
N=4	15	9.9	4.3	3.4	2.8	4.4	7.8	5.4	5	3.2	N=4	
N=5											N=5	
N=6											N=6	

SELCO DIVISION - B.P.

TAHOOOLA PROPERTY

KARLTOPS M.D.



PLOTTING POINT

X=50M

Part 2 of 3

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE

PROBABLE

POSSIBLE

FREQUENCY (HERTZ)
4.0; 0.25

DATE SURVEYED: FEB. 1985
APPROVED _____

NOTE- CONTOURS
AT LOGARITHMIC
INTERVALS: 1, -1.5
-2, -3, -5, -7.5, -10

DATE _____

PHOENIX GEOPHYSICS LTD.

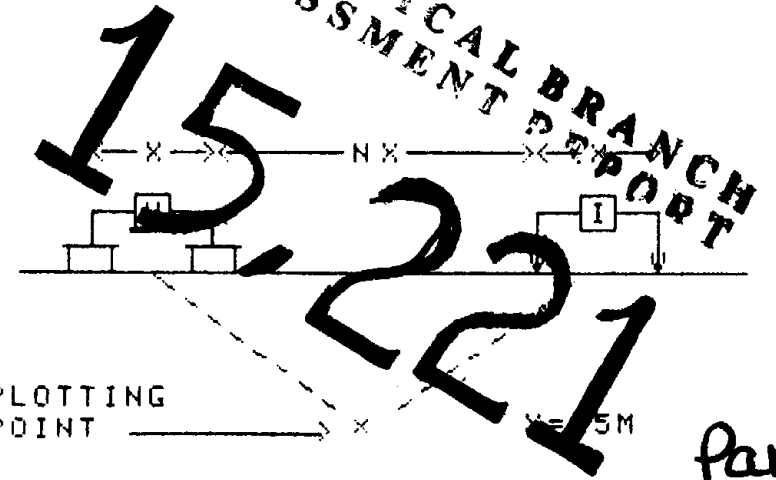
INDUCED POLARIZATION
AND RESISTIVITY SURVEY

B.P. SELCO TAHOOLA L143+00N		X=25M RHO (OHM-M)																		
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
COORDINATE	10225E	10275E	10325E	10375E	10425E	10475E	10525E	10575E	10625E	10675E										
INTERPRETATION																				
N=1	71	185	178	232	271	329	521	572	775	384	289	320	329	413	564	792	563	666	643	N=1
N=2	130	192	214	326	366	363	469	806	595	391	399	373	493	386	632	811	587	673	552	N=2
N=3	139	210	271	424	412	330	630	596	664	470	518	551	446	465	664	825	587	552		N=3
N=4	163	270	323	438	356	432	465	652	713	556	769	478	551	506	633	765	472			N=4
N=5																				N=5
N=6																				N=6

SELCO DIVISION - B.P.

TAHOOLA PROPERTY
KAMLOOPS M.D.

GEOLOGICAL BRANCH
ASSESSMENT REPORT
-L143N



PLOTTING POINT X NX I
SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
PROBABLE
POSSIBLE

Part 2 of 3

B.P. SELCO TAHOOLA L143+00N		X=25M PFE																		
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
COORDINATE	10225E	10275E	10325E	10375E	10425E	10475E	10525E	10575E	10625E	10675E										
INTERPRETATION																				
N=1	1.8	1.7	1.3	1.3	2.2	2.1	1.9	2.5	3.5	3.3	2.4	2.8	2.8	2.3	3.2	3.2	3.4	3.2	3	N=1
N=2	1.8	1.2	1.8	1.9	2	2.8	2.3	3.3	3.2	3.3	2.9	3.3	2.7	3.3	2.9	3.8	3.8	3.2	2.5	N=2
N=3	1.6	2	2.5	2	2.3	2.8	3	2.5	2.8	3.4	2.8	3	2.9	2.8	3.2	3.8	3.2	3		N=3
N=4	1.8	2.7	2.5	2.5	2.3	3.2	2.5	2	3	3.5	2.8	3.2	2.2	3.5	3.8	3.1	4.5			N=4
N=5																				N=5
N=6																				N=6

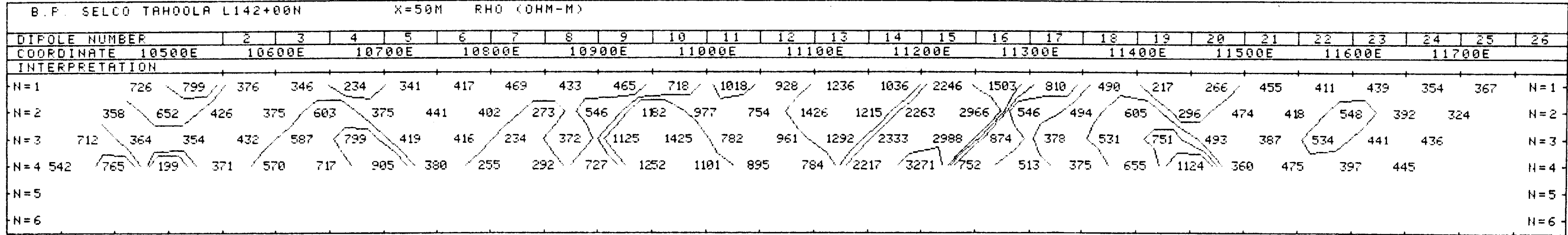
B.P. SELCO TAHOOLA L143+00N		X=25M METAL FACTOR																		
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
COORDINATE	10225E	10275E	10325E	10375E	10425E	10475E	10525E	10575E	10625E	10675E										
INTERPRETATION																				
N=1	25	9.2	7.3	5.6	8.1	6.4	3.6	4.4	4.5	8.6	8.3	8.8	8.5	5.6	5.7	4	6	4.8	4.7	N=1
N=2	14	6.3	8.4	5.8	5.5	7.7	4.9	4.1	5.4	8.4	7.3	8.8	5.5	8.5	4.6	4.7	6.5	4.8	4.5	N=2
N=3	12	9.5	9.2	4.7	5.6	8.5	4.8	4.2	4.2	7.2	5.4	5.4	6.5	6	4.8	4.6	5.5	5.4		N=3
N=4	11	10	7.7	5.7	6.5	7.4	5.4	3.1	4.2	6.3	3.6	6.7	4	6.9	6	4.1	9.5			N=4
N=5																				N=5
N=6																				N=6

FREQUENCY (HERTZ) 4.0; 0.25
DATE SURVEYED: FEB 1985
APPROVED _____

NOTE- CONTOURS AT LOGARITHMIC INTERVALS: 1, -1.5, -2, -3, -5, -7.5, -10
DATE _____

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
AND RESISTIVITY SURVEY



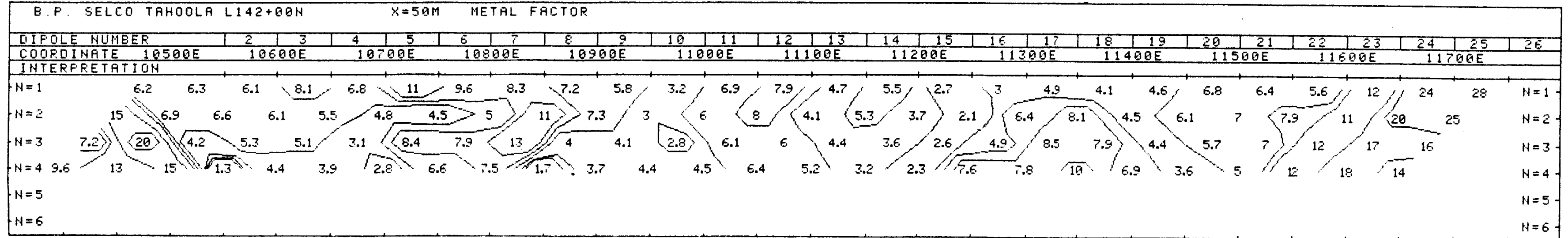
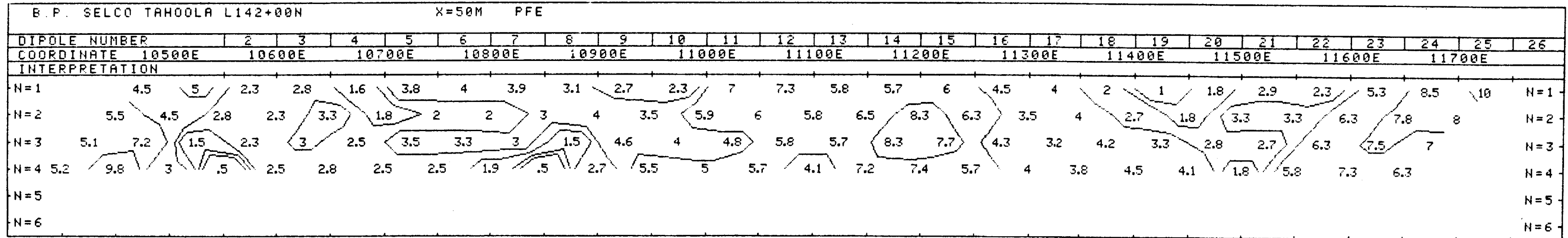
SELCO DIVISION - B.P.
TAHOOLA PROPERTY
KAMLOOPS M.D.

GEOLOGICAL BRANCH
ASSESSMENT REPORT
NO. - L142N

15221

PLOTTING POINT X X=50M Part 2 of 3
SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE 
PROBABLE 
POSSIBLE 



FREQUENCY (HERTZ) 4.0/0.25
DATE SURVEYED: FEB. 1985
APPROVED

NOTE- CONTOURS AT LOGARITHMIC INTERVALS: 1, -1.5, -2, -3, -5, -7.5, -10
DATE _____

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION AND RESISTIVITY SURVEY

B.P. SELCO TAHOOLA L141+00N											X=50M		RHO (OHM-M)	
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10					
COORDINATE	10400E	10500E	10600E	10700E	10800E									
INTERPRETATION														
N=1		449	649	457	389	187	134	122	193	238	350		N=1	
N=2	213	634	649	270	276	362	246	234	278	364			N=2	
N=3	134	441	750	431	187	492	577	413	273	394			N=3	
N=4	149	299	494	469	302	296	697	851	439	330			N=4	
N=5													N=5	
N=6													N=6	

SELCO DIVISION - B.P.

TAHOOLA PROPERTY

KAMLOOPS M.D.

LINE NO. - L141N

B.P. SELCO TAHOOLA L141+00N											X=50M		PFE	
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10					
COORDINATE	10400E	10500E	10600E	10700E	10800E									
INTERPRETATION														
N=1		4	3.1	2.5	1.9	1.5	1	1.2	1.5	2.3	2.4		N=1	
N=2	2.8	3.5	2.9	2.5	2	2	1.9	2	2.5	2.5			N=2	
N=3	1.5	2.2	2.7	2.3	2	3	2.6	2.5	2.4	2.3			N=3	
N=4	1.6	2.5	2	2	2	2.5	3.3	3.2	2.6	2.5			N=4	
N=5													N=5	
N=6													N=6	

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,221

Part 2 of 3

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE 
 PROBABLE 
 POSSIBLE 

B.P. SELCO TAHOOLA L141+00N											X=50M		METAL FACTOR	
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10					
COORDINATE	10400E	10500E	10600E	10700E	10800E									
INTERPRETATION														
N=1		8.9	4.8	5.5	4.9	8	7.5	9.8	7.8	9.7	6.9		N=1	
N=2	13	5.5	4.5	9.3	7.2	5.5	7.7	8.5	9	6.9			N=2	
N=3	11	5	3.6	5.3	11	6.1	4.5	5.1	8.8	5.8			N=3	
N=4	11	8.4	4	4.3	6.6	8.4	4.7	3.8	5.9	7.6			N=4	
N=5													N=5	
N=6													N=6	

FREQUENCY (HERTZ)
4 010.25

DATE SURVEYED: FEB. 1985
APPROVED _____

NOTE- CONTOURS
AT LOGARITHMIC
INTERVALS 1, -1.5
-2, -3, -5, -7.5, -10

DATE _____

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
AND RESISTIVITY SURVEY

B. P. SELCO TAHOOLA L140+00N		X=50M RHO (OHM-M)																											
DIPOLE NUMBER		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
COORDINATE	1050E	1150E	1250E	1350E	1450E	1550E	1650E	1750E	1850E	1950E	2050E	2150E	2250E	2350E															
INTERPRETATION																													
N=1	610	392	190	165	241	462	217	246	193	305	528	605	1214	669	210	263	344	410	652	492	799	573	406	349	263	466	372	396	N=1
N=2	692	363	563	413	258	410	388	363	496	313	576	853	841	449	250	375	485	268	520	598	699	998	493	441	249	368	493	266	N=2
N=3	537	377	488	982	539	401	279	516	594	754	585	788	1160	310	226	400	704	360	369	410	724	773	848	475	308	371	402	356	N=3
N=4	435	273	500	811	1118	760	255	356	747	754	1227	713	1069	413	154	378	410	550	475	290	464	742	579	785	352	435	398	285	N=4
N=5																												N=5	
N=6																												N=6	

SELCO DIVISION - B.P.
TAHOOLA PROPERTY
KANLOOPS M.D.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,221 Part 2 of 3

B. P. SELCO TAHOOLA L140+00N		X=50M PFE																											
DIPOLE NUMBER		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
COORDINATE	1050E	1150E	1250E	1350E	1450E	1550E	1650E	1750E	1850E	1950E	2050E	2150E	2250E	2350E															
INTERPRETATION																													
N=1	4.3	2.2	1.7	1.9	1.7	2.2	1.9	1.7	2.3	3.4	2.9	4.2	5.2	3.9	2	2.9	4.2	7.2	6.2	7.7	5	4	4.2	4.6	7.5	9.6	13	7.6	N=1
N=2	4	3.3	3.5	2.5	1.7	2.2	1.8	1.1	2.7	3.2	3.9	3.7	3.3	5.1	2	1.7	6	5.7	4.7	6.9	9.7	6.6	4.8	4.8	7.7	7.6	8.6	8.6	N=2
N=3	3.7	2	4.1	4.2	2.9	2.2	2.2	3.2	1	3.2	4.3	4.3	3	3	3	3.5	2.5	7.5	3.5	4.2	8.7	11	7.3	6.1	8	7.1	7.1	6.3	N=3
N=4	3.2	2	2.2	4.3	4.5	3	1.5	2.3	3.9	5.2	5.2	4.5	2.7	2.9	3.1	3.3	3.5	3.6	4.8	2.9	5.1	9.2	11	8.3	8.5	7.5	6.8	6.1	N=4
N=5																												N=5	
N=6																												N=6	

PLOTTING POINT X X=50M

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
PROBABLE
POSSIBLE

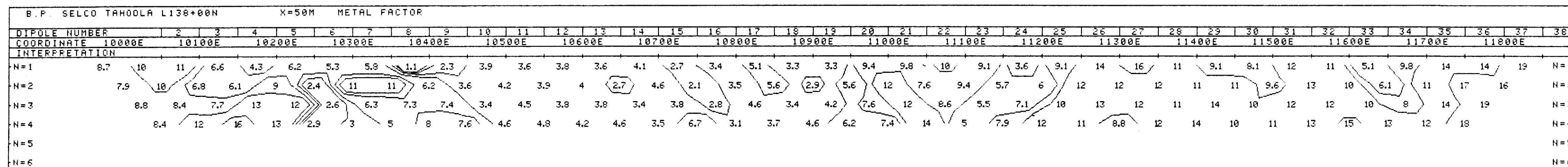
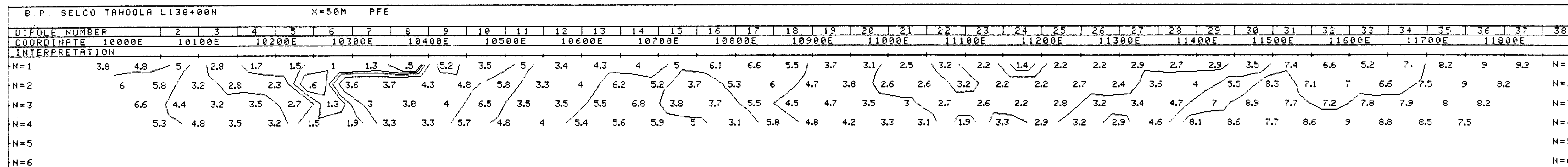
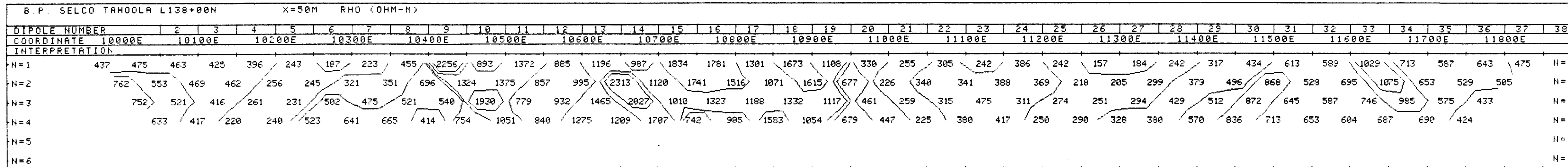
B. P. SELCO TAHOOLA L140+00N		X=50M METAL FACTOR																											
DIPOLE NUMBER		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
COORDINATE	1050E	1150E	1250E	1350E	1450E	1550E	1650E	1750E	1850E	1950E	2050E	2150E	2250E	2350E															
INTERPRETATION																													
N=1	7	5.6	8.9	5.5	7.1	4.8	8.8	6.9	12	11	5.5	6.9	4.3	5.8	9.5	11	12	18	9.5	16	6.3	7	10	13	29	21	34	19	N=1
N=2	5.8	9.1	6.2	6.1	6.6	5.4	4.6	3	5.4	10	6.8	4.3	3.9	11	8	4.5	12	21	9	12	14	6.6	9.7	11	31	21	17	32	N=2
N=3	6.9	5.3	8.4	4.3	5.4	5.5	7.9	6.2	1.7	4.2	7.4	5.5	2.6	9.7	13	8.8	3.6	21	9.5	10	12	14	8.6	13	26	19	18	18	N=3
N=4	7.4	7.3	4.4	5.3	4	3.9	5.9	6.5	5.2	6.9	4.2	6.3	2.5	7	20	8.7	8.5	6.5	10	10	11	12	18	11	24	17	17	21	N=4
N=5																												N=5	
N=6																												N=6	

FREQUENCY (HERTZ) 4.0; 0 25
DATE SURVEYED: FEB. 1985
APPROVED

NOTE- CONTOURS AT LOGARITHMIC INTERVALS: 1, -1.5, -2, -3, -5, -7.5, -10
DATE

PHOENIX GEOPHYSICS LTD.

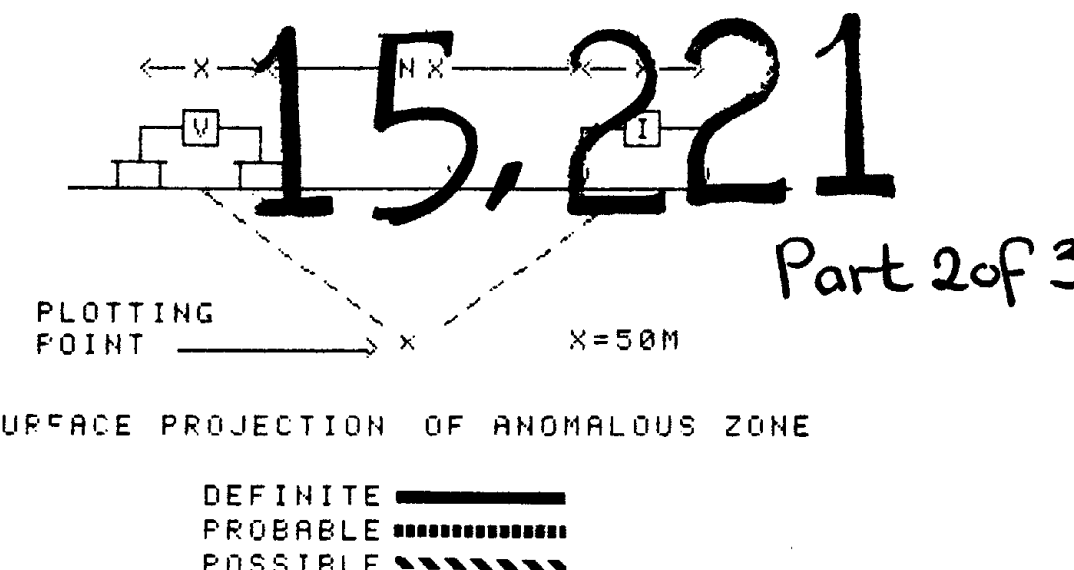
INDUCED POLARIZATION
AND RESISTIVITY SURVEY



SELCO DIVISION - B.P.

TAHOOLA PROPERTY
KAMLOOPS B.C.

LINE NO. L138N
GEOLOGICAL BRANCH
CORPORATE REPORT

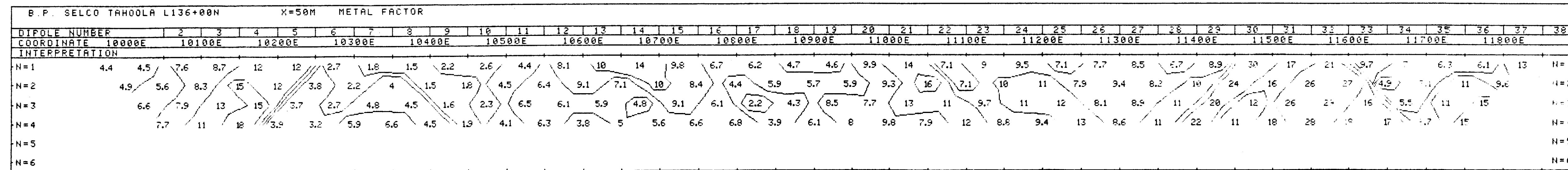
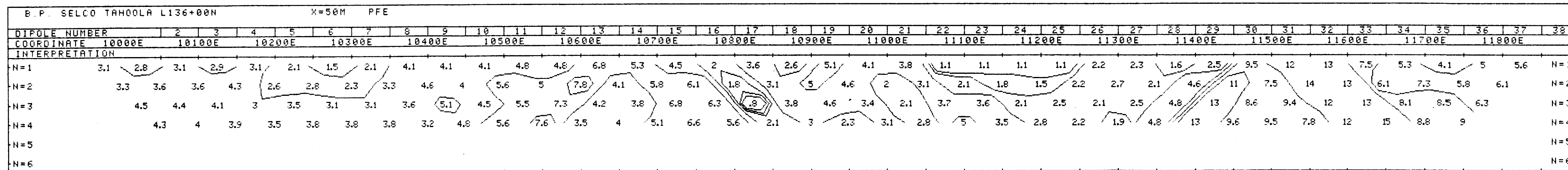
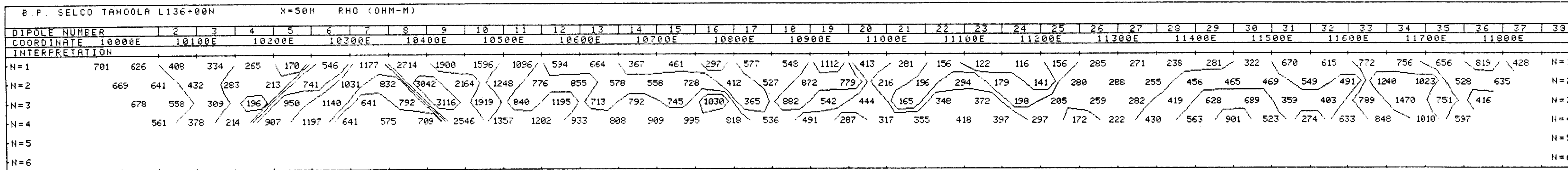


FREQUENCY (HERTZ) 4 0.0.25 DATE SURVEYED: FEB 1985 APPROVED

NOTE- CONTOURS AT LOGARITHMIC INTERVALS: 1, -1.5, -2, -3, -5, -7.5, -10 DATE

PHOENIX GEOPHYSICS LTD.

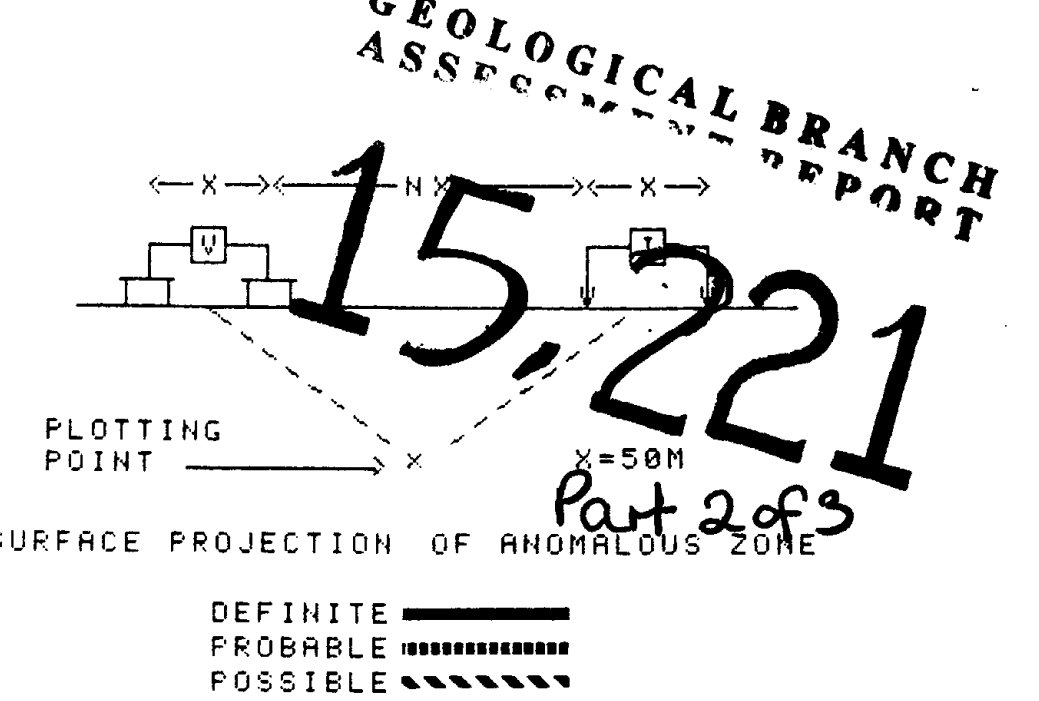
INDUCED POLARIZATION
AND RESISTIVITY SURVEY



SELCO DIVISION - B.P.

TAHOOLA PROPERTY
KAMLOOPS B.C.

LINE NO. - L136N

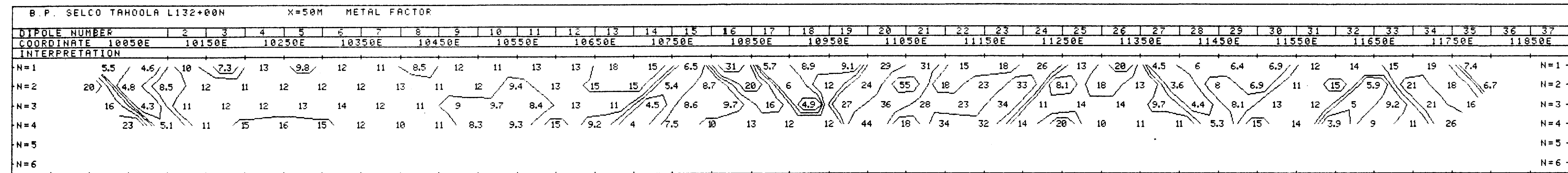
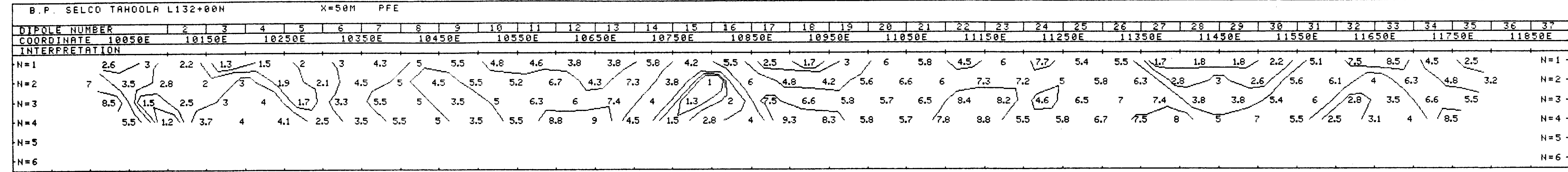
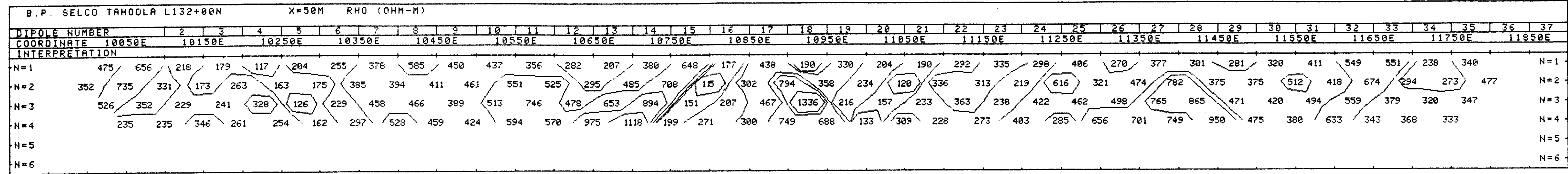


FREQUENCY (HERTZ) 4.0/0.25 DATE SURVEYED: FEB 1985 APPROVED

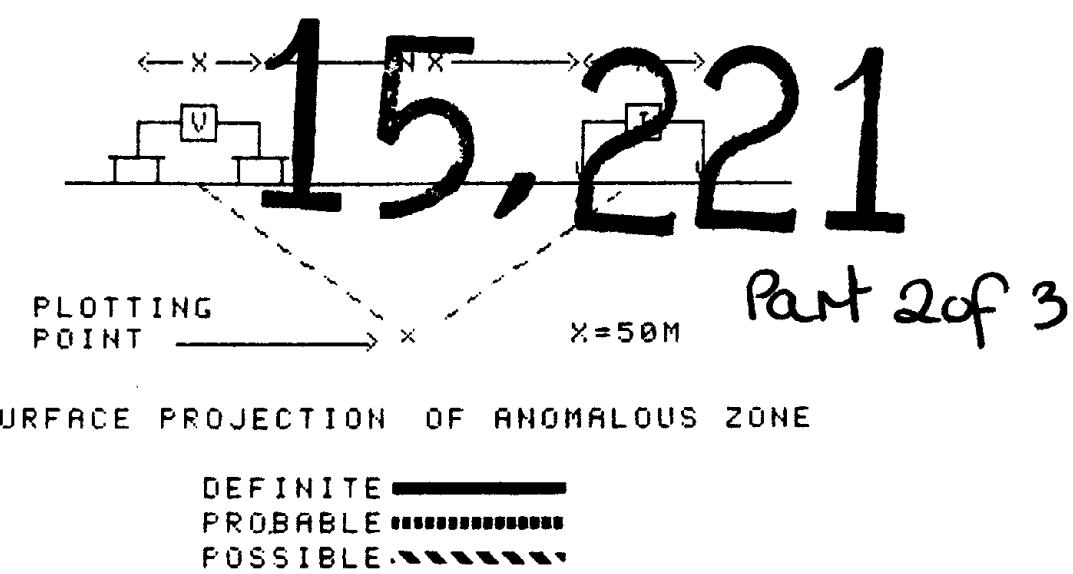
NOTE - CONTOURS AT LOGARITHMIC INTERVALS: 1, -1.5, -2, -3, -5, -7.5, -10 DATE

PHOENIX GEOPHYSICS LTD.

INCL. POLARIZATION AND RESISTIVITY SURVEY



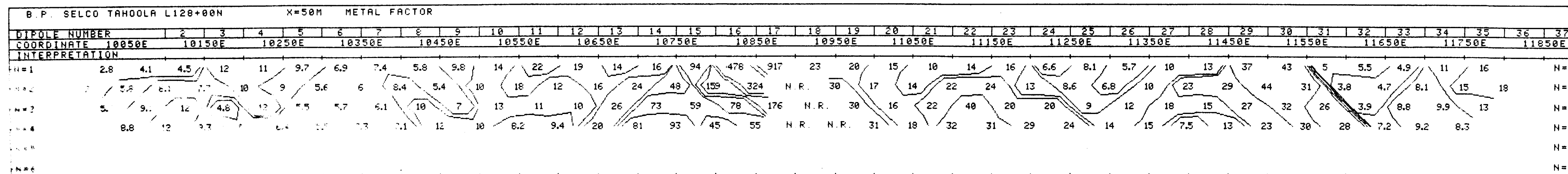
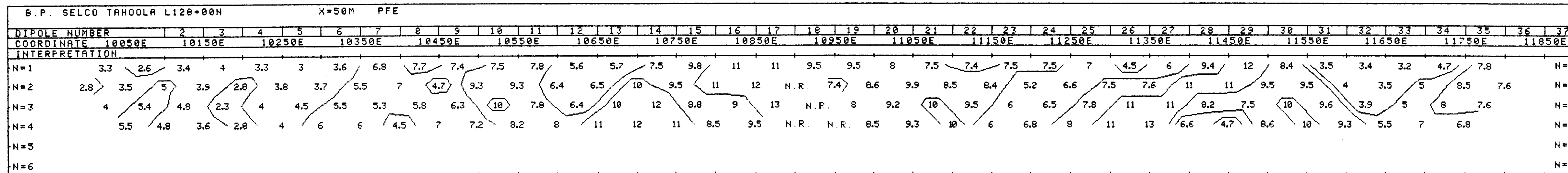
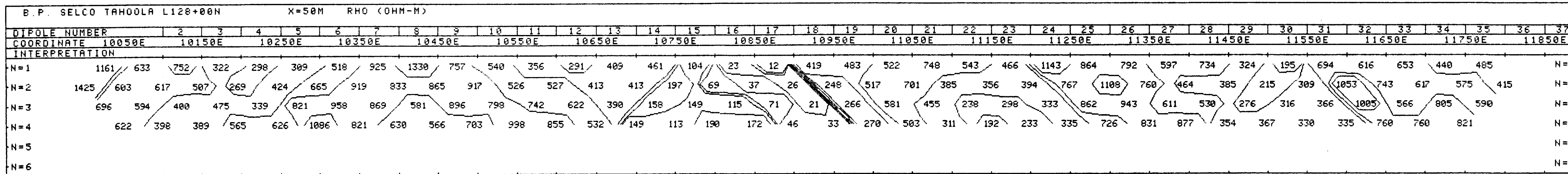
SELCO DIVISION - B.P.
TAHOOLA PROPERTY
KAMLOOPS M.D.
LINE NO. -L132N
GEOLOGICAL BRANCH
ASSESSMENT REPORT



FREQUENCY (HERTZ) 4.0/0.25 DATE SURVEYED: FEB 1985 APPROVED

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1, -1.5, -2, -3, -5, -7.5, -10 DATE

PHOENIX GEOPHYSICS LTD.
INDUCED POLARIZATION
AND RESISTIVITY SURVEY

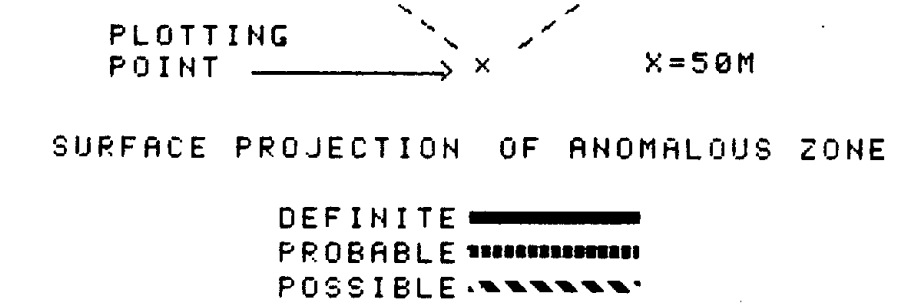


SELCO DIVISION - B.P.
TAHOOLA PROPERTY
KAMLOOPS M.D.

GEOPHYSICAL BRANCH
ASSESSMENT REPORT

15.221

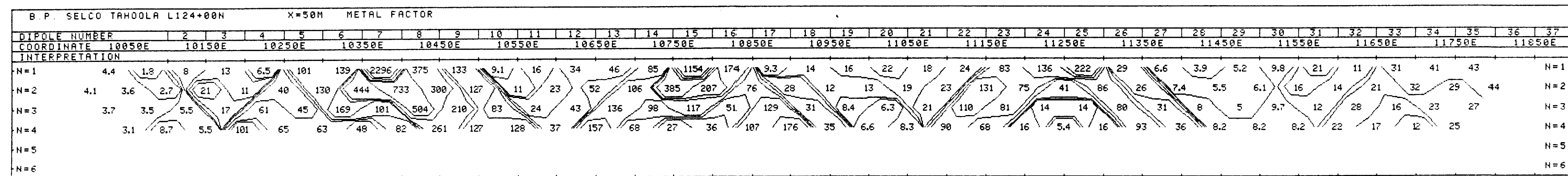
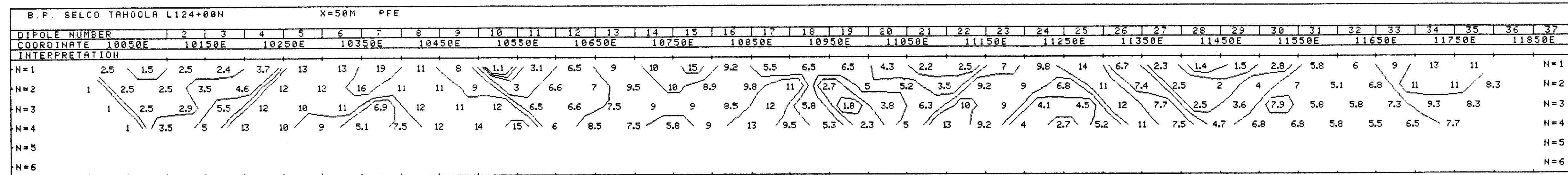
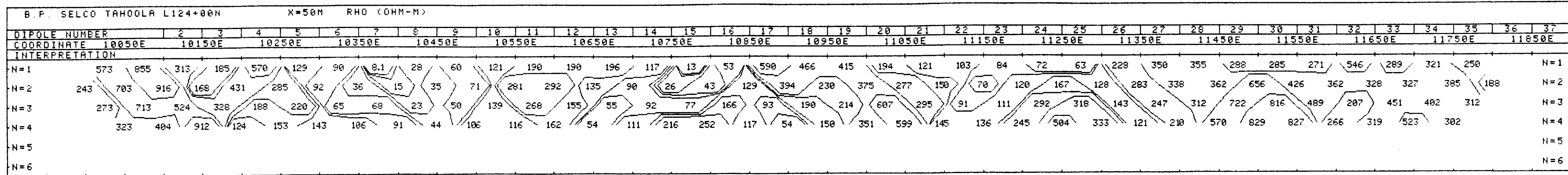
Part 2 of 3



FREQUENCY (HERTZ) 4.0; 0.25 DATE SURVEYED: FEB 1985 APPROVED

NOTE- CONTOURS AT LOGARITHMIC INTERVALS: 1, -1.5, -2, -3, -5, -7.5, -10 DATE

PHOENIX GEOPHYSICS LTD.
INDUCED POLARIZATION
AND RESISTIVITY SURVEY

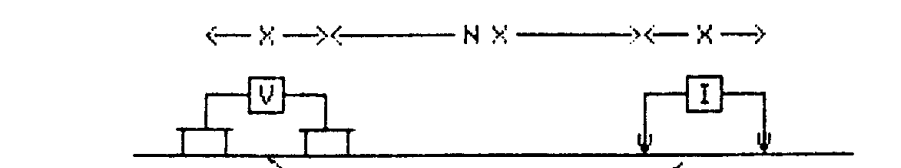


SELCO DIVISION - B.P.

TAHOOOLA PROPERTY

KAMLOOPS M.D.

LINE NO. - L124N



GEOLOGICAL BRANCH
A PLOTTING REPORT
POINT X X=50M

SURFACE PROJECTED OF ADJACENT ZONE

15,221

Part 2 of 3

FREQUENCY (HERTZ)
4.0; 0.25

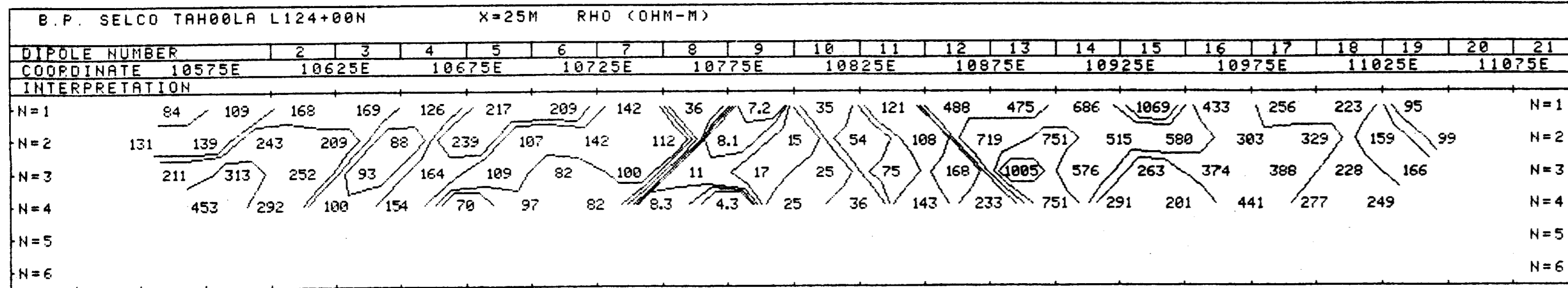
DATE SURVEYED: FEB 1985
APPROVED

NOTE - CONTOURS
AT LOGARITHMIC
INTERVALS: 1, -1.5
-2, -3, -5, -7.5, -10

DATE

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
AND RESISTIVITY SURVEY

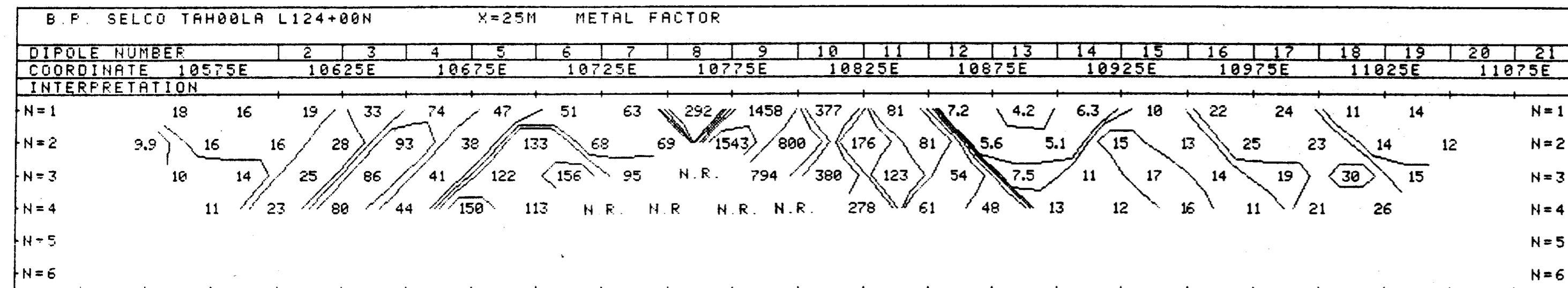
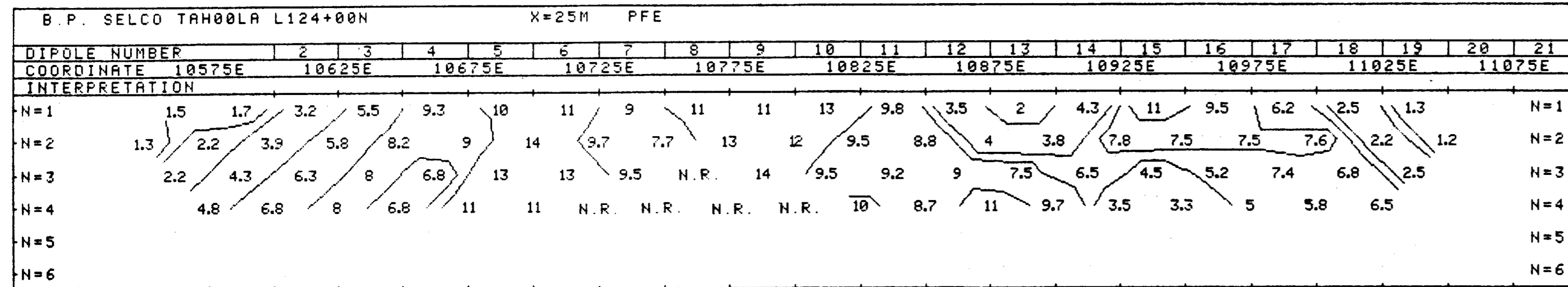
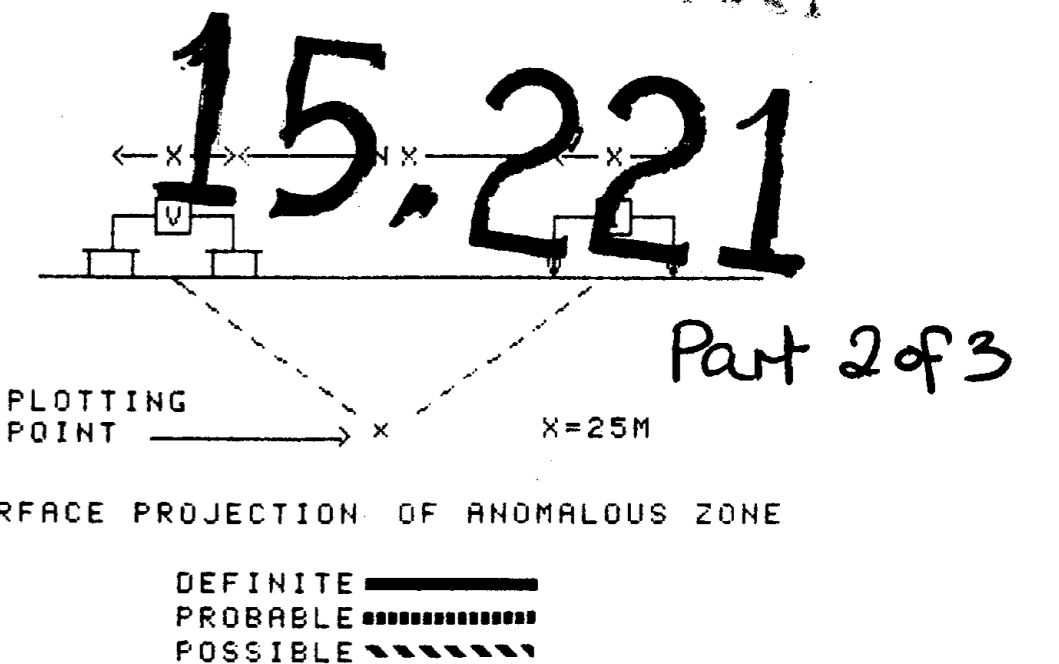


SELCO DIVISION - B.P.

TAHOOLA PROPERTY

KAMLOOPS M.D.

GEOLOGICAL BRANCH
ANOMALOUS ZONE REPORT



FREQUENCY (HERTZ)
4.0; 0.25

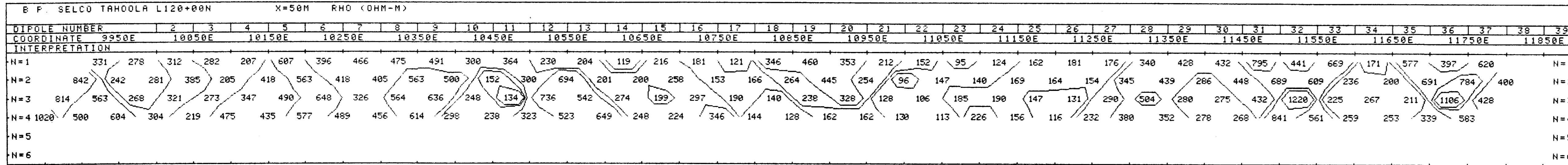
DATE SURVEYED FEB 1985
APPROVED

NOTE- CONTOURS
AT LOGARITHMIC
INTERVALS. 1, -1.5
-2, -3, -5, -7.5, -10

DATE

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
AND RESISTIVITY SURVEY

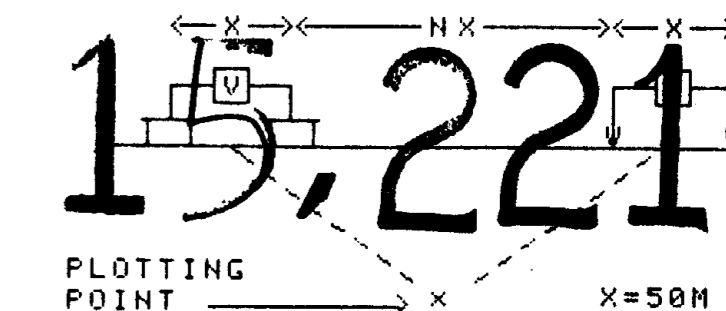


SELCO DIVISION - B.P.

TAHOOLA PROPERTY
KARLOOPS M.D.

LINE NO. - L120N

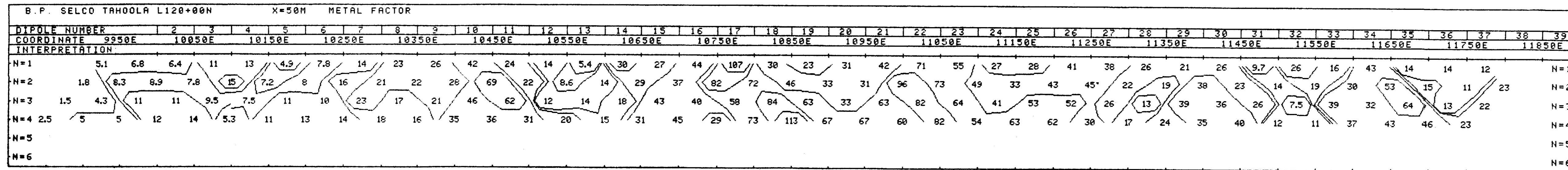
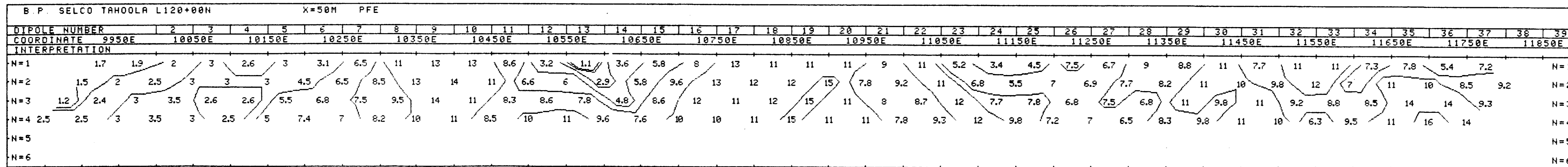
GENERAL BRANCH
ANOMALOUS ZONE REPORT



Part 2 of 3

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
PROBABLE
POSSIBLE

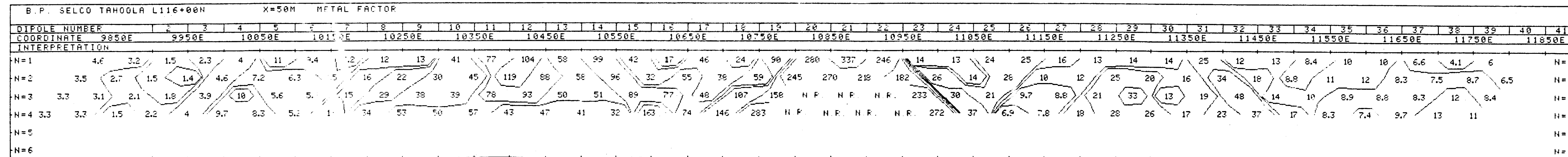
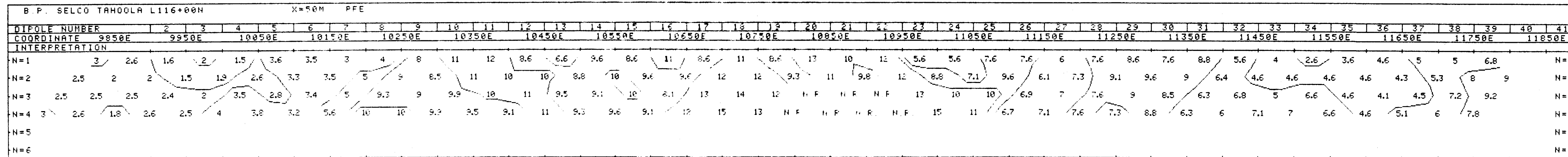
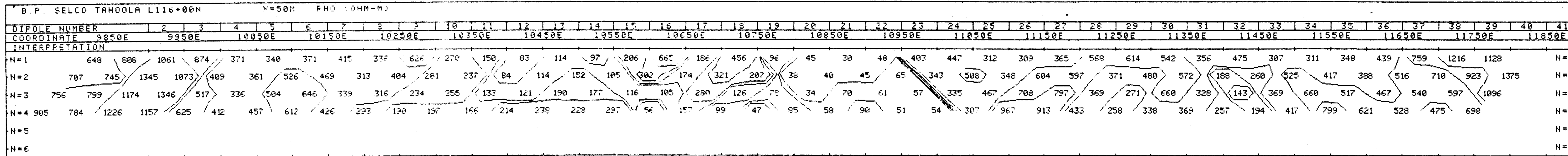


FREQUENCY (HERTZ) 4.0; 0.25 DATE SURVEYED: FEB. 1985
APPROVED

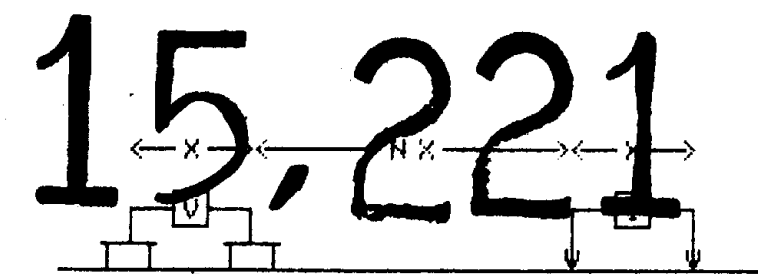
NOTE- CONTOURS AT LOGARITHMIC INTERVALS: 1,-1.5 -2,-3,-5,-7.5,-10 DATE

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
AND RESISTIVITY SURVEY



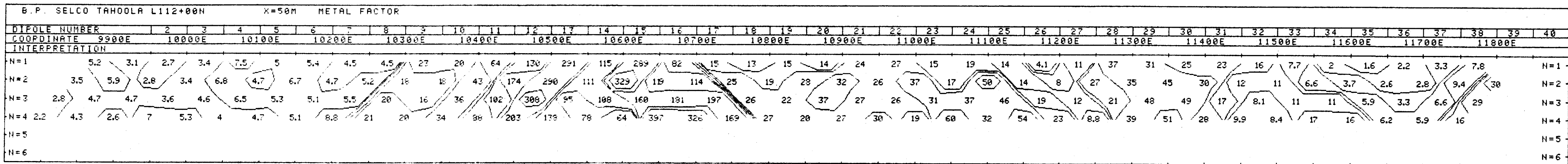
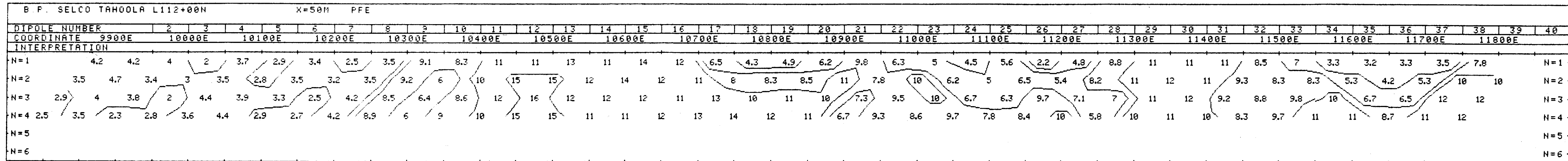
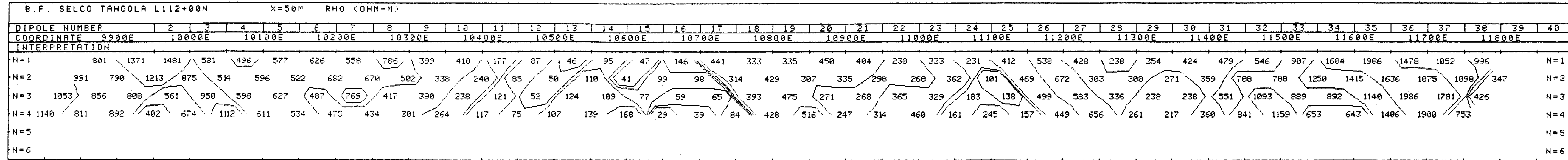
SELCO DIVISION - B.P.
TAHOOLA PROPERTY
KAMLOOPS M.D.
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**



PLOTTING POINT
SURFACE PROJECTION OF ANOMALOUS ZONE
DEFINITE ———
PROBABLE
POSSIBLE - - - - -

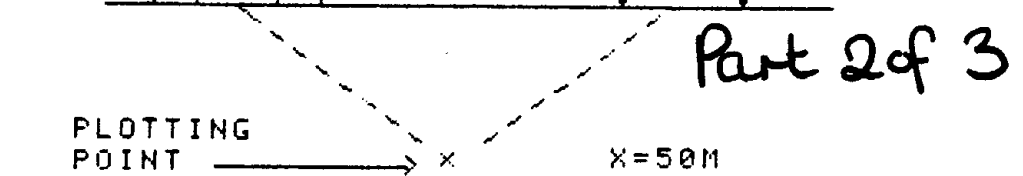
FREQUENCY (HERTZ) 4 0.0.25
DATE SURVEYED: FEB. 1985
APPROVED _____
NOTE- CONTOURS AT LOGARITHMIC INTERVALS: 1, -1.5, -2, -3, -5, -7.5, -10
DATE _____

PHOENIX GEOPHYSICS LTD.
INDUCED POLARIZATION
AND RESISTIVITY SURVEY



SELCO DIVISION - B.P.
TAHOOLA PROPERTY
KAMLOOPS B.C.
GEOLOGICAL BRANCH
ASSESSMENT REPORT

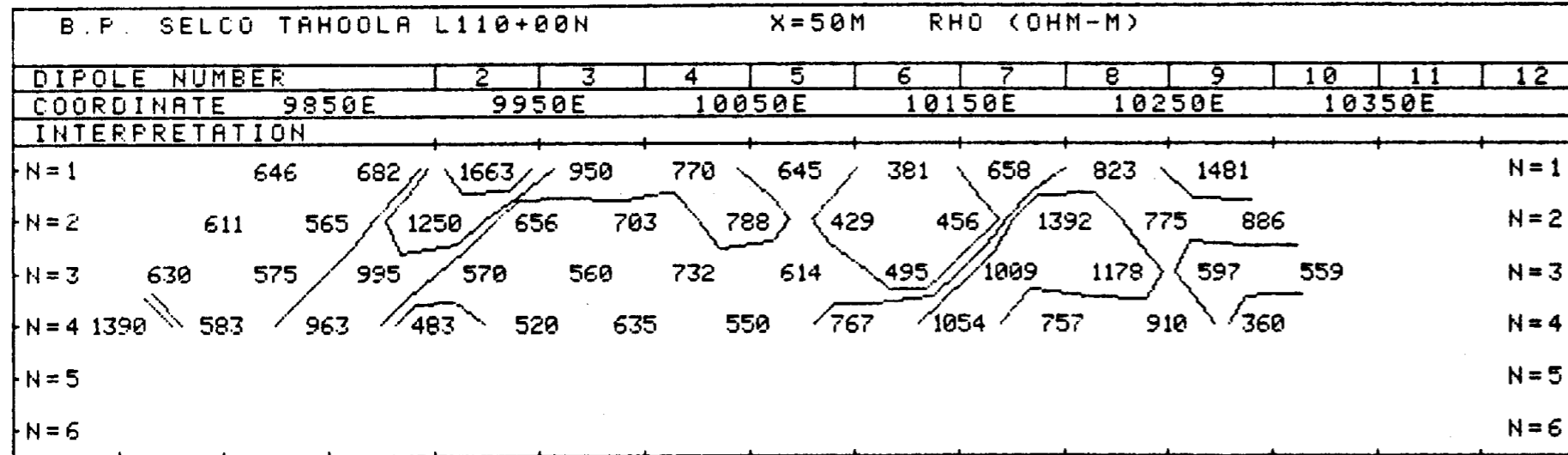
15,221



PLOTTING POINT X X=50M
SURFACE PROJECTION OF ANOMALOUS ZONE
DEFINITE [solid line]
PROBABLE [dashed line]
POSSIBLE [dotted line]

FREQUENCY (HERTZ) 4.0/0.25 DATE SURVEYED: FEB. 1985 APPROVED
NOTE- CONTOURS AT LOGARITHMIC INTERVALS: 1, -1.5, -2, -3, -5, -7.5, -10 DATE

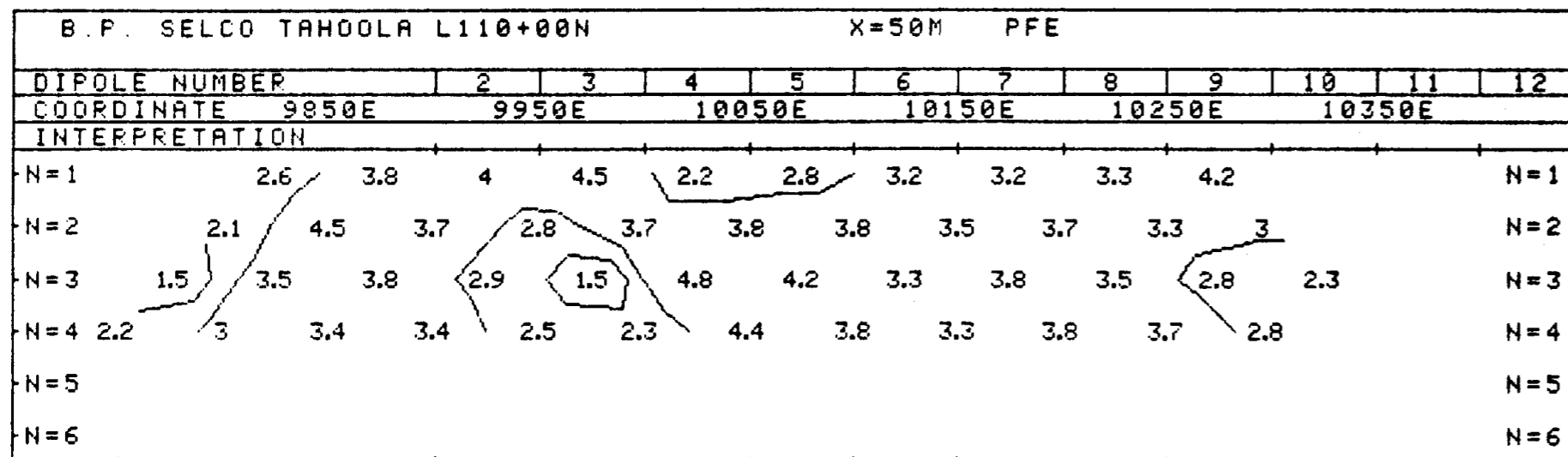
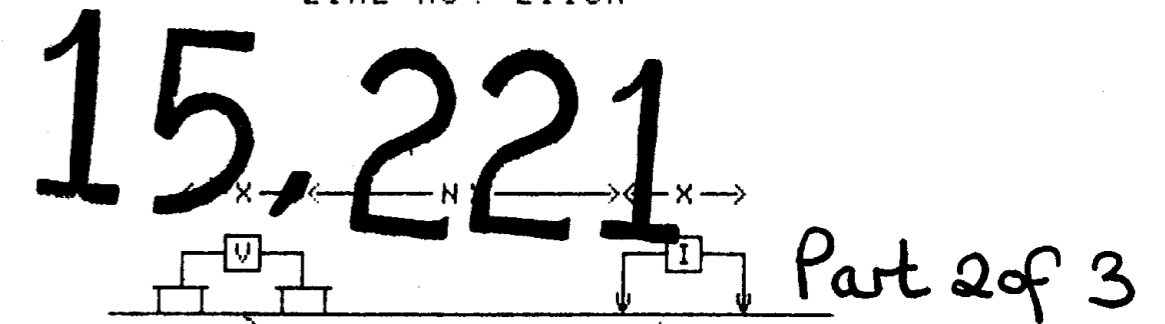
PHOENIX GEOPHYSICS LTD.
INDUCED POLARIZATION AND RESISTIVITY SURVEY



SELCO DIVISION - B.P.

TAHOOLA PROPERTY

KAMLOOPS M.D.
GEOLOGICAL BRANCH
ASSESSMENT REPORT
 LINE NO. -L110N



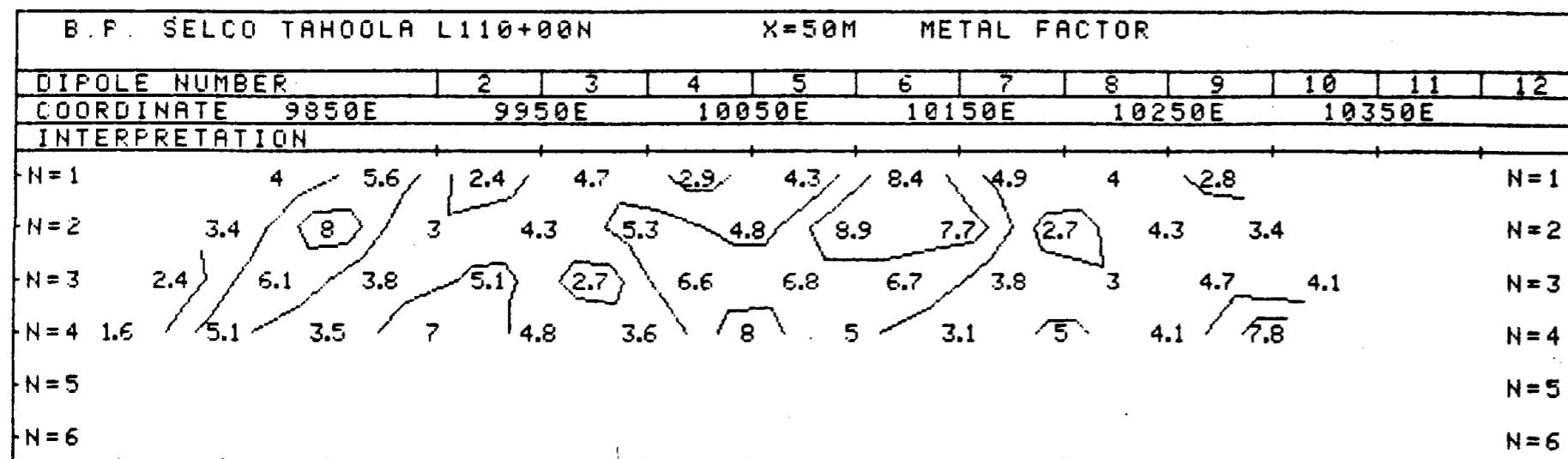
PLOTTING POINT → X X=50M

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE

PROBABLE

POSSIBLE



FREQUENCY (HERTZ)
4.0; 0.25

DATE SURVEYED: FEB. 1985
APPROVED

NOTE- CONTOURS
AT LOGARITHMIC
INTERVALS: 1, -1.5
-2, -3, -5, -7.5, -10

DATE _____

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
AND RESISTIVITY SURVEY

B. P. SELCO TAHOOLA L108+00N		X=50M RHO (OHM-M)															
DIPOLE NUMBER		2	3	4	5	6	7	8	9	10	11	12	13	14	15		
COORDINATE		9850E	9950E	10050E	10150E	10250E	10350E	10450E	10550E								
INTERPRETATION																	
N=1		1176	814	910	1023	964	439	475	399	639	1520	621	259	550	492	N=1	
N=2		1209	1082	969	829	871	531	526	528	554	1531	526	219	581	769	604	N=2
N=3		1095	1209	866	677	579	545	530	662	1516	494	208	388	721	932	N=3	
N=4		1169	950	653	499	551	538	703	1785	534	198	324	419	874	N=4		
N=5																N=5	
N=6																N=6	

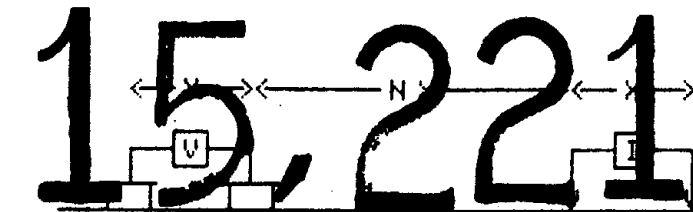
SELCO DIVISION - B.P.

TAHOOLA PROPERTY

KAMLOOPS M.D.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

B. P. SELCO TAHOOLA L108+00N		X=50M PFE															
DIPOLE NUMBER		2	3	4	5	6	7	8	9	10	11	12	13	14	15		
COORDINATE		9850E	9950E	10050E	10150E	10250E	10350E	10450E	10550E								
INTERPRETATION																	
N=1		3.3	1.9	2	1.9	1.8	2.2	3.2	2.3	2.2	2.7	2.5	1.7	1.5	3.4	N=1	
N=2		3.3	2.8	2.3	2.4	2.2	2.8	3	3.1	2.4	3.8	1.8	1.2	2.5	3.8	5.5	N=2
N=3		2.8	3.3	2.5	2.5	2.8	3.3	3	3	4.1	3	1.5	1.5	4.3	5.3	N=3	
N=4		3.5	3.8	3	3.2	3.3	2.9	2.3	4.3	3	3	1.5	4.2	6	N=4		
N=5																N=5	
N=6																N=6	



Part 2 of 3

PLOTTING POINT X X=50M

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE 
 PROBABLE 
 POSSIBLE 

B. P. SELCO TAHOOLA L108+00N		X=50M METAL FACTOR															
DIPOLE NUMBER		2	3	4	5	6	7	8	9	10	11	12	13	14	15		
COORDINATE		9850E	9950E	10050E	10150E	10250E	10350E	10450E	10550E								
INTERPRETATION																	
N=1		2.8	2.3	2.2	1.9	1.9	5	6.7	5.8	3.4	1.8	4	6.6	2.7	6.9	N=1	
N=2		2.7	2.6	2.4	2.9	2.5	5.3	5.7	5.9	4.3	2.5	3.4	5.5	4.3	4.9	9.1	N=2
N=3		2.6	2.7	2.9	3.7	4.8	6.1	5.7	4.5	2.7	6.1	7.2	3.9	6	5.7	N=3	
N=4		3	4	4.6	6.4	6	5.4	3.3	2.4	5.6	15	4.6	10	6.9	N=4		
N=5																N=5	
N=6																N=6	

FREQUENCY (HERTZ)
4.0; 0.25

DATE SURVEYED: FEB. 1985
APPROVED _____

NOTE- CONTOURS
AT LOGARITHMIC
INTERVALS: 1, -1.5
-2, -3, -5, -7.5, -10

DATE _____

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
AND RESISTIVITY SURVEY

B.P. SELCO TAHOOLA L106+00N													X=50M RHO (OHM-M)		
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13			
COORDINATE	9950E	10050E	10150E	10250E	10350E	10450E	10550E								
INTERPRETATION															
N=1	561	912	998	480	211	315	176	431	440	823	641	1249	N=1		
N=2	804	619	619	619	303	391	210	180	547	568	938	1052	983	N=2	
N=3	874	390	466	418	578	234	220	228	633	662	1045	857	N=3		
N=4	523	333	321	713	356	242	285	249	697	713	841	N=4			
N=5													N=5		
N=6													N=6		

SELCO DIVISION - B.P.

TAHOOLA PROPERTY

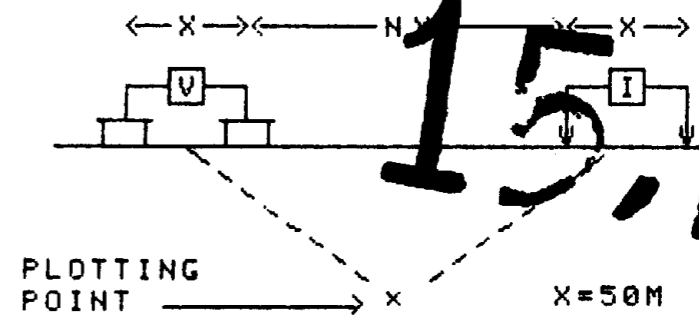
KAMLOOPS M.D.

LINE NO. -L106N

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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Part 2 of 3



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE 
 PROBABLE 
 POSSIBLE 

B.P. SELCO TAHOOLA L106+00N													X=50M PFE		
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13			
COORDINATE	9950E	10050E	10150E	10250E	10350E	10450E	10550E								
INTERPRETATION															
N=1	1.3	2	1.4	2	2.3	3.2	1.3	1.7	2.3	5.2	4.2	4.2	N=1		
N=2	2.5	1.4	2.3	2.7	2.5	3.2	1.8	2.3	2.8	3.2	4.9	5.8	5.7	N=2	
N=3	2	1.8	3.2	2.8	2.8	2.2	2.8	3	3.3	3.3	5.8	6.2	N=3		
N=4	2.8	3.2	3.5	2.9	2	3.6	3.5	4	4	4.2	6.2	N=4			
N=5													N=5		
N=6													N=6		

B.P. SELCO TAHOOLA L106+00N													X=50M METAL FACTOR		
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13			
COORDINATE	9950E	10050E	10150E	10250E	10350E	10450E	10550E								
INTERPRETATION															
N=1	2.3	2.2	1.4	4.2	11	10	7.4	3.9	5.2	6.3	6.6	3.4	N=1		
N=2	3.1	2.3	3.7	4.4	8.3	8.2	8.6	13	5.1	5.6	5.2	5.5	5.8	N=2	
N=3	2.3	4.6	6.9	6.7	4.8	9.4	13	13	5.2	5	5.6	7.2	N=3		
N=4	5.4	9.6	11	4.1	5.6	15	12	16	5.7	5.9	7.4	N=4			
N=5													N=5		
N=6													N=6		

FREQUENCY (HERTZ)
4.0/0.25

DATE SURVEYED: FEB. 1985
APPROVED _____

NOTE- CONTOURS
AT LOGARITHMIC
INTERVALS: 1, -1.5
-2, -3, -5, -7.5, -10

DATE _____

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
AND RESISTIVITY SURVEY

B.P. SELCO TAHOOLA L102+00N													X=50M		RHO (OHM-M)	
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13				
COORDINATE	9950E	10050E	10150E	10250E	10350E	10450E	10550E									
INTERPRETATION																
N=1	475	393	238	263	466	1080	724	428	303	577	957	483	N=1			
N=2	431	430	204	315	366	525	1036	661	528	445	728	545	519	N=2		
N=3	406	214	315	399	399	380	860	837	708	511	463	550	N=3			
N=4		201	385	385	416	312	298	1041	1045	817	310	430	N=4			
N=5													N=5			
N=6													N=6			

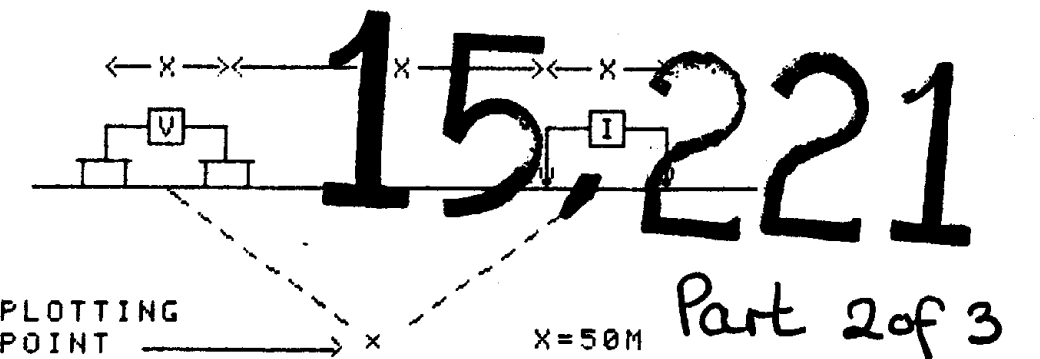
SELCO DIVISION - B.P.

TAHOOLA PROPERTY

KAMLOOPS M.D.

LINE ^{100N} **GEOLOGICAL BRANCH**
ASSESSMENT REPORT

B.P. SELCO TAHOOLA L102+00N													X=50M		PFE	
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13				
COORDINATE	9950E	10050E	10150E	10250E	10350E	10450E	10550E									
INTERPRETATION																
N=1	1.8	2.3	2	3	3	4.3	2.8	1.8	1.8	1.7	1.5	1.2	N=1			
N=2	1.8	2.7	1.9	3.8	2.2	1.7	4	2.7	2	1.7	1.3	1.3	.7	N=2		
N=3	2.5	1.7	4.3	2.5	1.5	2.3	4.2	2.6	1.8	1.5	1	1	N=3			
N=4		2.5	3.8	2.7	2.8	2.5	2	4.1	2.7	1.8	1.2	.8	N=4			
N=5													N=5			
N=6													N=6			



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE

PROBABLE

POSSIBLE

B.P. SELCO TAHOOLA L102+00N													X=50M		METAL FACTOR	
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13				
COORDINATE	9950E	10050E	10150E	10250E	10350E	10450E	10550E									
INTERPRETATION																
N=1	3.8	5.9	8.4	11	6.4	4	3.9	4.2	5.9	2.9	1.6	2.5	N=1			
N=2	4.2	6.3	8.8	12	6	3.2	3.9	4.1	3.8	3.8	1.8	2.4	1.3	N=2		
N=3	6.2	7.9	14	6.3	3.8	6.1	4.9	3.1	2.5	2.9	2.2	1.8	N=3			
N=4		1.7	5.9	7	6.7	8	6.7	3.9	2.6	2.2	3.9	1.9	N=4			
N=5													N=5			
N=6													N=6			

FREQUENCY (HERTZ)
4.0; 0.25

DATE SURVEYED: FEB. 1985
APPROVED _____

NOTE- CONTOURS
AT LOGARITHMIC
INTERVALS. 1, -1.5
-2, -3, -5, -7.5, -10

DATE _____

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
AND RESISTIVITY SURVEY

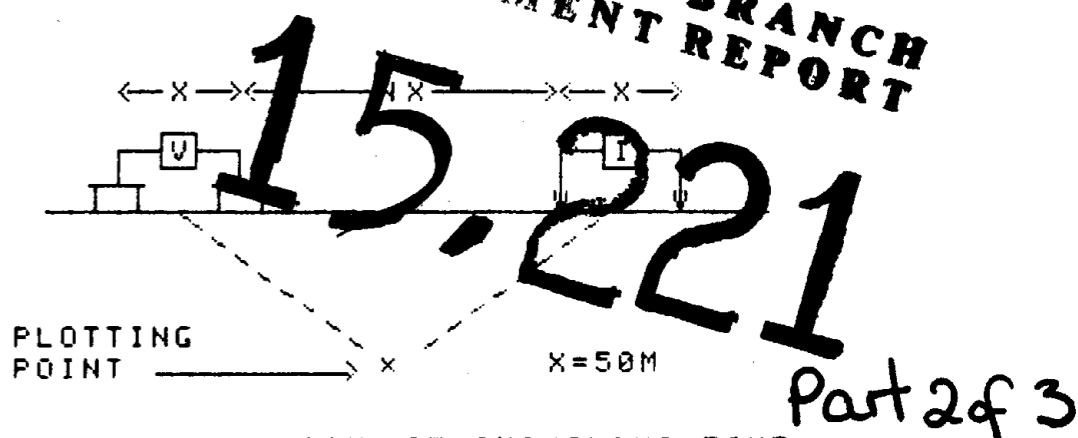
B.P. SELCO TAHOOLA L100+00N												X=50M		RHO (OHM-M)	
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11					
COORDINATE	9950E	10050E	10150E	10250E	10350E	10450E									
INTERPRETATION															
N=1	330	497	341	213	313	562	369	218	263	290			N=1		
N=2	464	470	463	269	247	447	329	233	378	319	242		N=2		
N=3	545	428	386	305	342	272	269	410	455	233			N=3		
N=4		448	337	416	302	216	228	454	497	375			N=4		
N=5													N=5		
N=6													N=6		

SELCO DIVISION - B.P.

TAHOOLA PROPERTY

KAMLOOPS M.D.

GEOLOGICAL BRANCH
ASSESSMENT REPORT



Part 2 of 3

B.P. SELCO TAHOOLA L100+00N												X=50M		PFE	
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11					
COORDINATE	9950E	10050E	10150E	10250E	10350E	10450E									
INTERPRETATION															
N=1	1.8	1.3	1.8	1.9	2.3	3.3	2.7	2.2	2.7	2.7			N=1		
N=2	1.3	1.3	2.3	2.3	1.8	3.2	3.6	2.6	2.8	2.2	1.2		N=2		
N=3	1.2	2	2.5	1.7	2.9	2.8	3.8	2.5	2.1	.8			N=3		
N=4		2.8	2.6	1.6	2.6	2.3	3.2	4	2.3	.9			N=4		
N=5													N=5		
N=6													N=6		

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE **—————**
 PROBABLE **.....**
 POSSIBLE **///////**

B.P. SELCO TAHOOLA L100+00N												X=50M		METAL FACTOR	
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11					
COORDINATE	9950E	10050E	10150E	10250E	10350E	10450E									
INTERPRETATION															
N=1	5.5	2.6	5.3	9.9	7.3	5.9	7.3	10	10	9.3			N=1		
N=2	2.8	2.8	5	8.6	7.3	7.2	11	11	7.4	6.9	5		N=2		
N=3	2.2	4.7	6.5	5.6	8.5	10	14	6.1	4.6	3.4			N=3		
N=4		6.3	7.7	3.8	8.6	11	14	8.8	4.6	2.4			N=4		
N=5													N=5		
N=6													N=6		

FREQUENCY (HERTZ)
 4.0; 0.25

DATE SURVEYED: FEB. 1985
 APPROVED

NOTE- CONTOURS
 AT LOGARITHMIC
 INTERVALS 1, -1.5
 -2, -3, -5, -7.5, -10

DATE _____

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
 AND RESISTIVITY SURVEY

B P SELCO TAHOOLA L96+00N		X=50M RHO (OHM-M)															
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
COORDINATE	9850E	9950E	10050E	10150E	10250E	10350E	10450E	10550E	10650E								
INTERPRETATION																	
N=1	628	653	333	365	135	216	99	177	105	289	325	804	744	570	554	1009	
N=2	775	570	300	392	175	308	209	118	275	361	332	359	670	650	682	684	1438
N=3	648	390	305	194	400	289	221	178	760	369	314	364	668	666	695	918	
N=4	423	406	135	414	333	287	310	459	726	329	314	388	702	638	941		
N=5																	
N=6																	

DWG NO -I P-5864-24

SELCO DIVISION - B.P.

TAHOOLA PROPERTY
KAMLOOPS B.C.

LINE NO -L96N

B P SELCO TAHOOLA L96+00N		X=50M PFE															
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
COORDINATE	9850E	9950E	10050E	10150E	10250E	10350E	10450E	10550E	10650E								
INTERPRETATION																	
N=1	1.4	2	1.7	1.6	.8	1.3	1	1.2	1.3	1.4	1.5	3.2	3.8	2.9	.8	.8	
N=2	1.2	2.3	.9	1.5	1.2	1.5	1.3	1	2.3	2.2	1.7	2.3	3	2.8	1.8	.5	1.5
N=3	1.5	1.2	1.2	1.3	1.7	1.3	1.5	1.8	3	2.8	2.8	1.8	2.2	1.8	1.7	1.3	
N=4	1	1.3	.9	2.2	1.8	1.7	2.3	2.8	3.3	3.7	2.3	1.3	1.3	2.4	2.2		
N=5																	
N=6																	

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

15,221

PLOTTING POINT X=50M

SURFACE PROJECTION OF ANOMALOUS ZONE

Part 2 of 3

DEFINITE

PROBABLE

POSSIBLE

B P SELCO TAHOOLA L96+00N		X=50M METAL FACTOR															
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
COORDINATE	9850E	9950E	10050E	10150E	10250E	10350E	10450E	10550E	10650E								
INTERPRETATION																	
N=1	2.2	3.1	5.1	4.4	5.9	6	10	6.8	12	4.8	4.6	4	5.1	5.1	1.4	.8	
N=2	1.5	4	3	3.8	6.9	4.9	6.2	9.5	8.4	6.1	5.1	6.4	4.5	4.3	2.6	.7	1
N=3	2.7	3.1	3.9	6.7	4.7	4.5	6.8	10	7.9	7.6	8.9	4.9	3.3	2.7	2.4	1.4	
N=4	2.4	7.2	6.7	5.3	5.4	6.9	7.4	6.1	4.5	11	7.3	3.4	1.9	3.8	2.3		
N=5																	
N=6																	

FREQUENCY (HERTZ) 4.0/0.25

DATE SURVEYED: FEB. 1985

APPROVED _____

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1, -1.5, -2, -3, -5, -7.5, -10

DATE _____

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
AND RESISTIVITY SURVEY

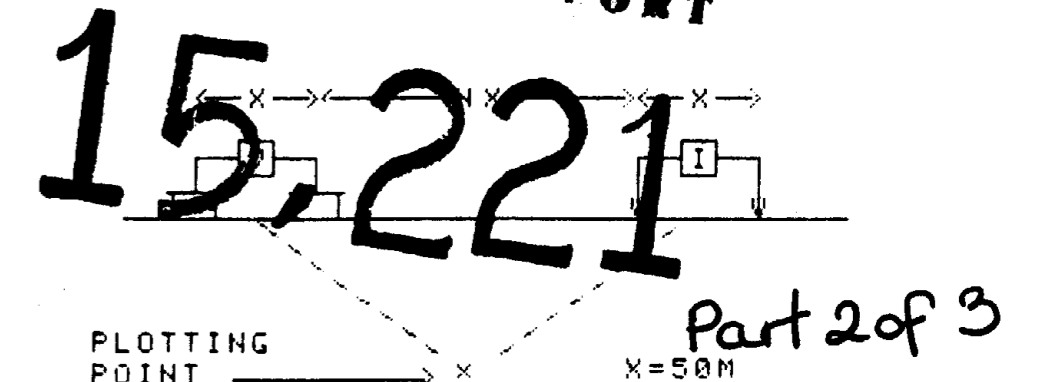
B.P. SELCO TAHoola L92+00N		X=50M RHO (OHM-M)																
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
COORDINATE	9950E	10050E	10150E	10250E	10350E	10450E	10550E	10650E	10750E									
INTERPRETATION																		
N=1	1031	356	317	381	285	922	1188	497	338	641	639	1677	1123	2296	1263	850	N=1	
N=2	914	577	200	352	514	502	804	533	516	604	737	708	1235	2165	1438	918	898	N=2
N=3	655	293	228	524	899	413	383	531	1027	642	618	565	2179	1520	1069	831	N=3	
N=4	346	312	323	861	684	222	375	1026	1016	501	469	950	1425	1245	926	N=4		
N=5																	N=5	
N=6																	N=6	

SELCO DIVISION - B.P.

TAHoola PROPERTY

KAMLOOPS M.D.

GEOLOGICAL BRANCH
ASSESSMENT REPORT



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
PROBABLE
POSSIBLE

B.P. SELCO TAHoola L92+00N		X=50M PFE																
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
COORDINATE	9950E	10050E	10150E	10250E	10350E	10450E	10550E	10650E	10750E									
INTERPRETATION																		
N=1	1.1	1	2	2.6	1.5	2.8	2.7	2.8	3.5	3.3	2.8	4.2	4.8	4.7	3.2	1.7	N=1	
N=2	1.1	1.5	1.7	2.5	2.5	2	2.8	3.3	3.5	3.8	3.8	3.8	4.9	4.3	4.1	2.3	1.8	N=2
N=3	1.6	1.8	2.3	1.9	2.7	2.3	4.2	3.8	3.7	4.3	4.3	3.8	3.8	3	3	1.3	N=3	
N=4	1.8	2.3	1.6	2.4	2.8	2.8	4.8	3.8	3.9	5.2	4.3	2.8	2.6	2.8	2.2	N=4		
N=5																	N=5	
N=6																	N=6	

FREQUENCY (HERTZ)
4.0; 0.25

DATE SURVEYED FEB. 1985
APPROVED _____

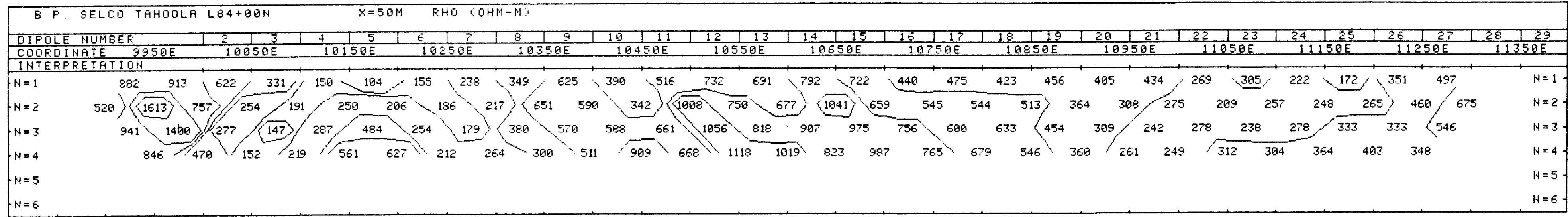
NOTE- CONTOURS
AT LOGARITHMIC
INTERVALS: 1, -1.5
-2, -3, -5, -7.5, -10

DATE _____

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
AND RESISTIVITY SURVEY

B.P. SELCO TAHoola L92+00N		X=50M METAL FACTOR																
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
COORDINATE	9950E	10050E	10150E	10250E	10350E	10450E	10550E	10650E	10750E									
INTERPRETATION																		
N=1	1.1	2.8	6.3	6.8	5.3	3	2.3	5.6	10	5.1	4.4	2.5	4.3	2	2.5	2	N=1	
N=2	1.2	2.6	8.5	7.1	4.9	4	3.5	6.2	6.8	6.3	5.2	5.4	4	2	2.9	2.5	1.9	N=2
N=3	2.4	6.1	10	3.6	3	5.6	11	7.2	3.6	6.7	7	6.7	1.7	2	2.8	1.6	N=3	
N=4	5.2	7.4	5	2.8	4.1	13	13	3.7	3.8	10	9.2	2.9	1.8	2.2	2.4	N=4		
N=5																	N=5	
N=6																	N=6	



SELCO DIVISION - B.P.
TAHOOLA PROPERTY
KAMLOOPS B.C.

GEOLOGICAL BRANCH
ASSESSMENT REPORT
THE NO. - L84N

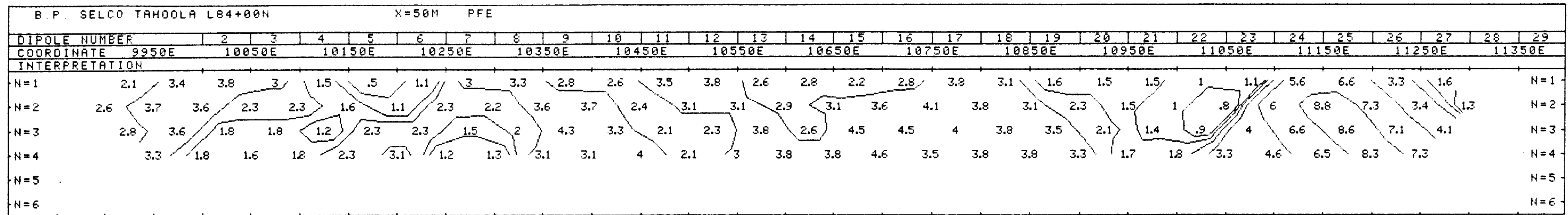
15.221

Part 2 of 3



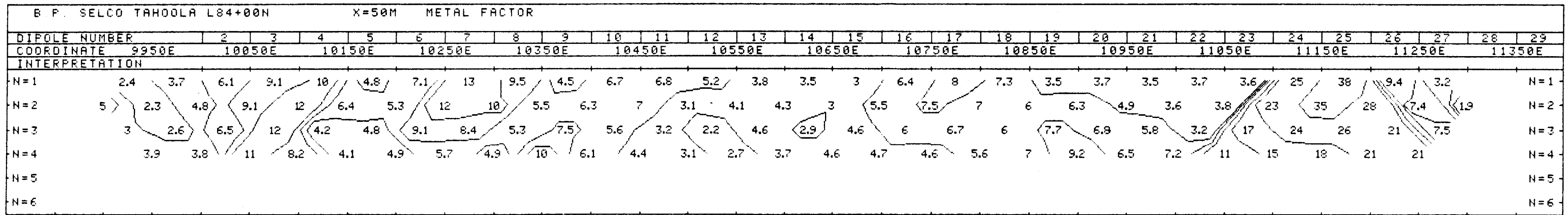
SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
PROBABLE
POSSIBLE



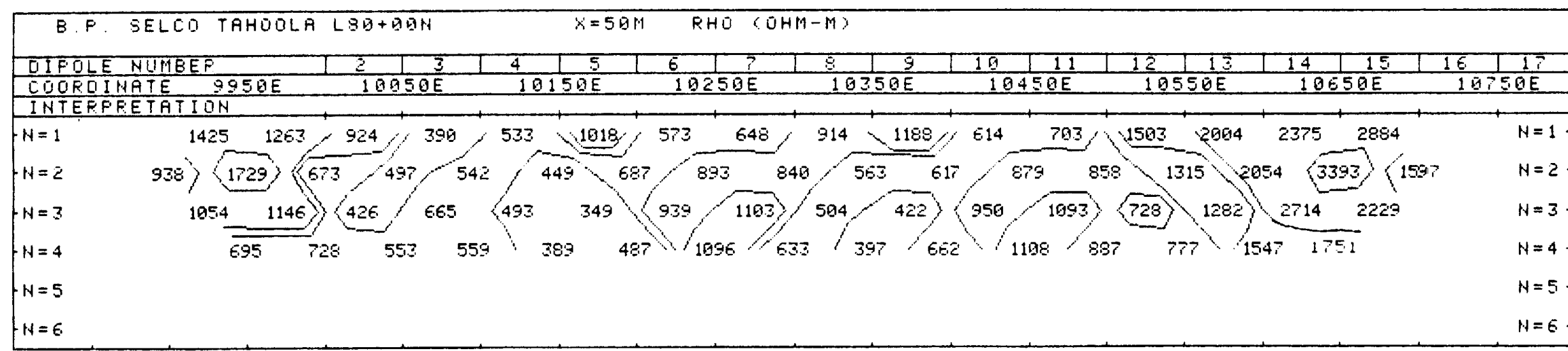
FREQUENCY (HERTZ) 4 0.025 DATE SURVEYED FEB. 1985 APPROVED

NOTE- CONTOURS AT LOGARITHMIC INTERVALS: 1, -1.5, -2, -3, -5, -7.5, -10 DATE



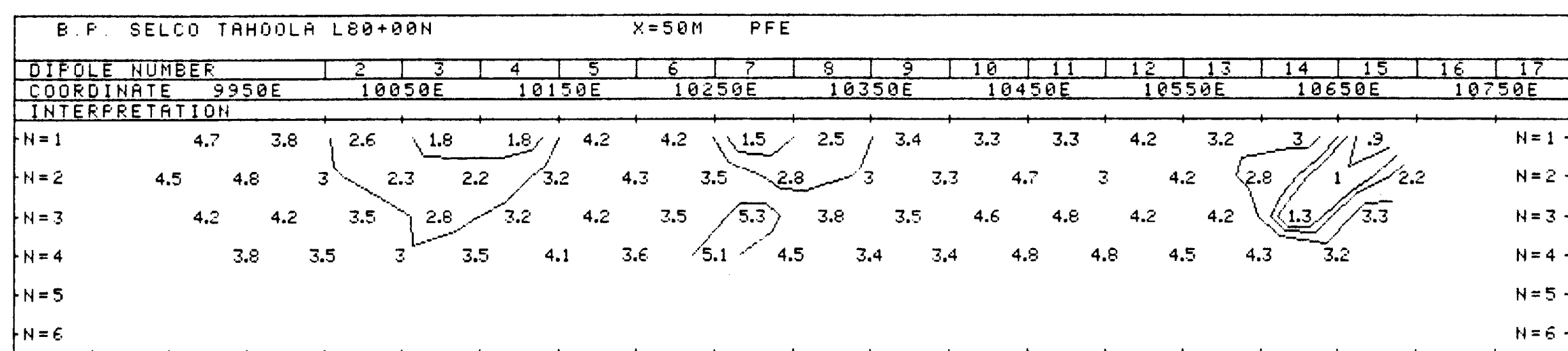
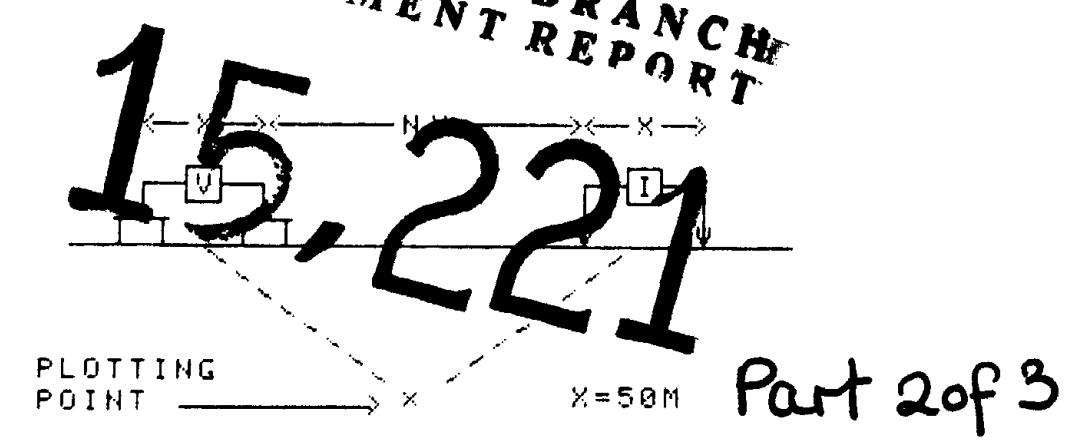
PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION AND RESISTIVITY SURVEY



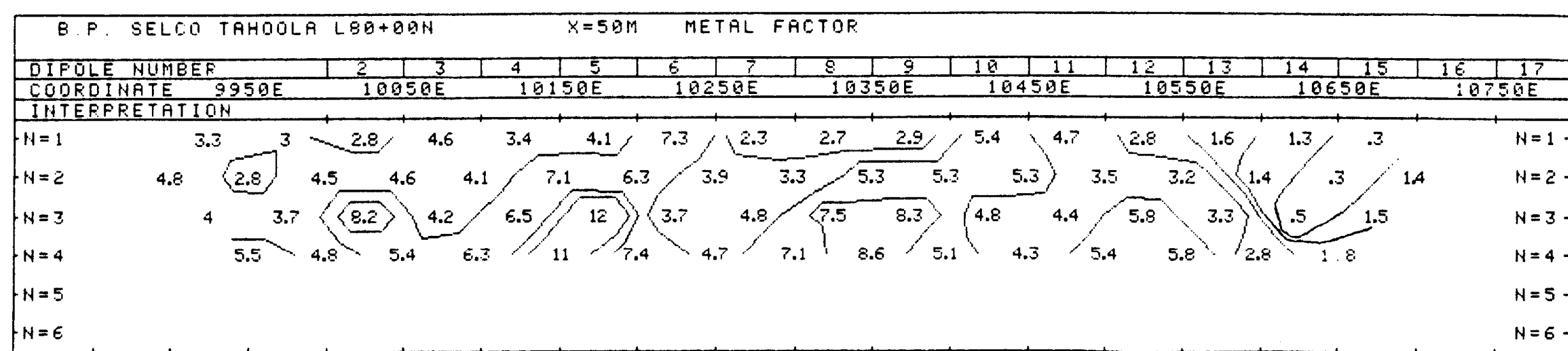
SELCO DIVISION - B.P.
TAHOOLA PROPERTY
KAMLOOPS M.D.

GEOLOGICAL BRANCH
ASSESSMENT REPORT
NO - L80N



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
PROBABLE
POSSIBLE



FREQUENCY (HERTZ) 4.0/0.25
DATE SURVEYED: FEB. 1985
APPROVED _____

NOTE- CONTOURS AT LOGARITHMIC INTERVALS: 1, -1.5, -2, -3, -5, -7.5, -10
DATE _____

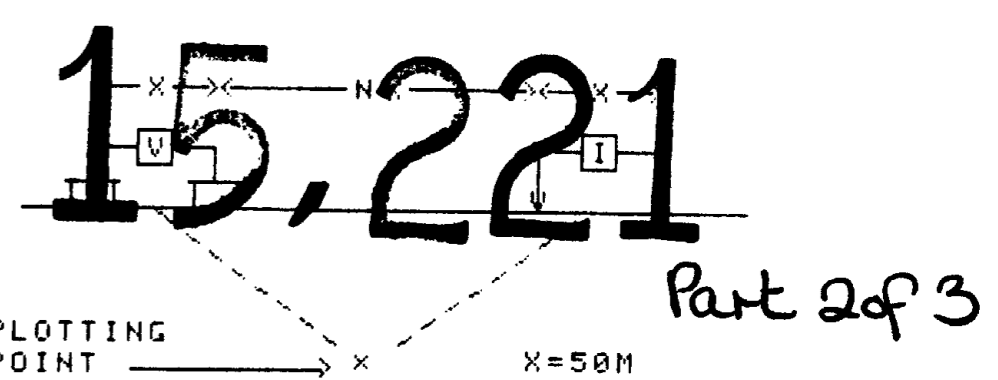
PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
AND RESISTIVITY SURVEY

B.P. SELCO TAHOOLA L88+00N X=50M RHO (OHM-M)																		
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
COORDINATE	9950E	10050E	10150E	10250E	10350E	10450E	10550E	10650E	10750E									
INTERPRETATION																		
N=1	269	319	285	599	543	387	896	987	1093	373	240	404	390	486	334	1279	N=1	
N=2	425	375	544	529	455	547	718	663	484	556	452	395	336	394	408	454	938	N=2
N=3	537	622	821	348	449	1012	493	392	368	633	545	327	464	337	555	388	N=3	
N=4	808	828	546	311	686	646	324	375	380	730	439	501	369	428	497		N=4	
N=5																	N=5	
N=6																	N=6	

SELCO DIVISION - B.P.
 TAHOOLA PROPERTY
 KAMLOOPS M.D.

GEOLOGICAL BRANCH
ASSESSMENT REPORT



B.P. SELCO TAHOOLA L88+00N X=50M PFE																		
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
COORDINATE	9950E	10050E	10150E	10250E	10350E	10450E	10550E	10650E	10750E									
INTERPRETATION																		
N=1	1.8	1.3	1.2	1.8	1.3	1.8	1.8	2.3	2.6	2.2	2	2.4	3.1	7.5	7.6	6.6	N=1	
N=2	1.8	1.5	1.7	1.9	1.3	2.2	1.5	2.3	2.7	2.2	2.8	2.3	2.6	6.6	6.2	8	4.6	N=2
N=3	2.2	1.2	2.5	1.5	1.8	1.9	2.3	2.8	2	2.8	3.2	2.1	5	5.1	5.8	4.6	N=3	
N=4	2	2.2	2.3	2	1.8	2.2	2.5	2.3	2.8	2.8	3.3	4.6	4.4	4.6	2.6		N=4	
N=5																	N=5	
N=6																	N=6	

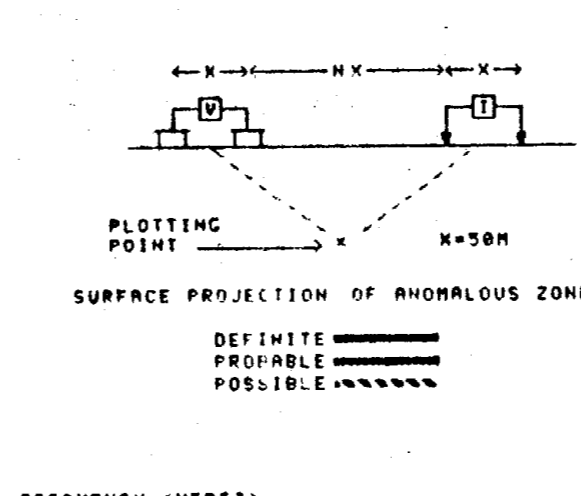
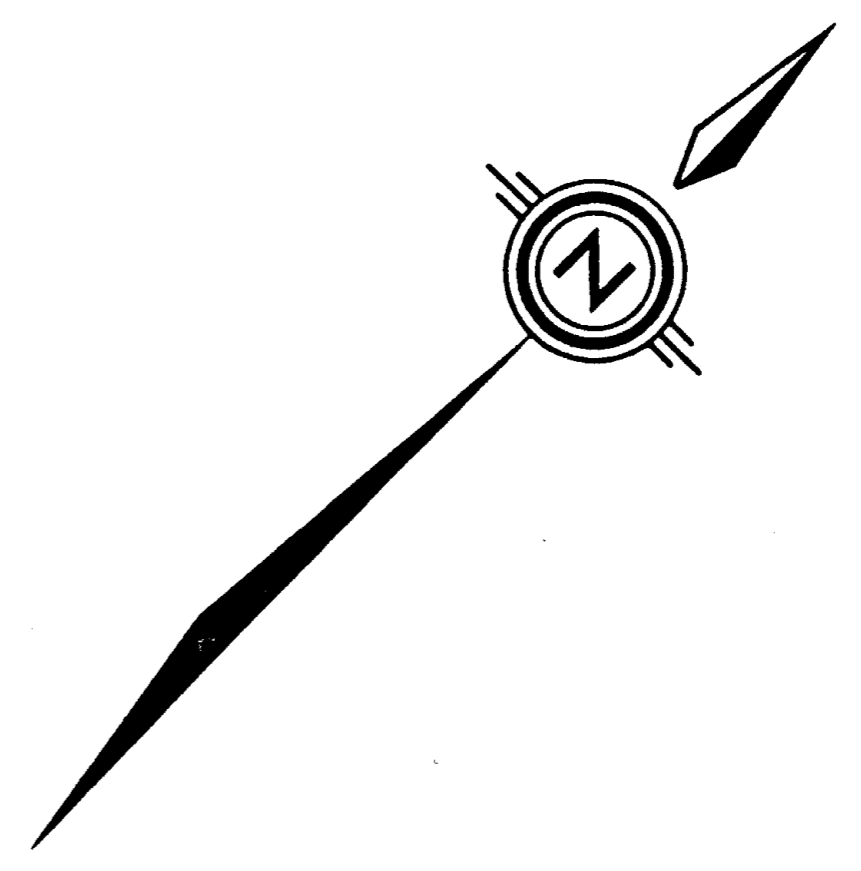
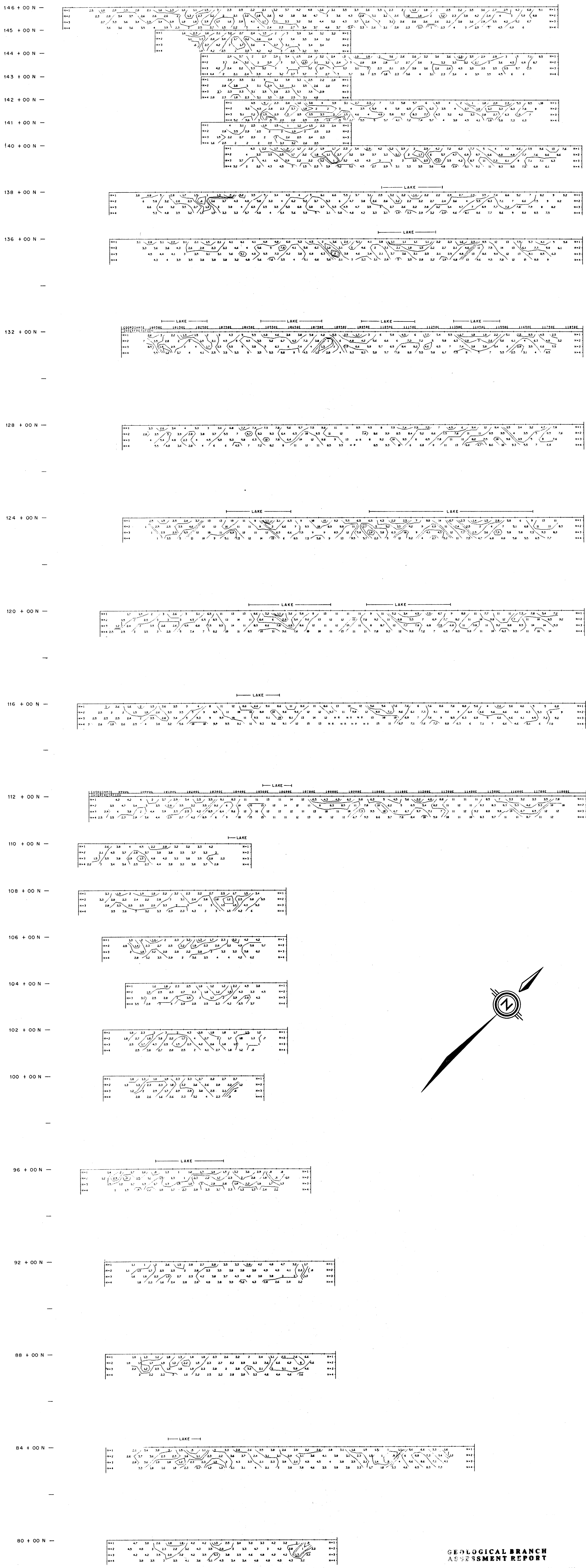
PLOTTING POINT X X=50M
 SURFACE PROJECTION OF ANOMALOUS ZONE
 DEFINITE —————
 PROBABLE
 POSSIBLE - - - - -

B.P. SELCO TAHOOLA L88+00N X=50M METAL FACTOR																		
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
COORDINATE	9950E	10050E	10150E	10250E	10350E	10450E	10550E	10650E	10750E									
INTERPRETATION																		
N=1	6.7	4.1	4.2	3	2.4	4.7	2	2.3	2.4	5.9	8.3	5.9	7.9	15	23	5.2	N=1	
N=2	4.2	4	3.1	3.6	2.9	4	2.1	3.5	5.6	4	6.2	5.8	7.7	17	15	18	4.9	N=2
N=3	4.1	1.9	3	4.3	4	1.9	4.7	7.1	5.4	4.4	5.9	6.4	11	15	10	12	N=3	
N=4	2.5	2.7	4.2	6.4	2.6	3.4	7.7	6.1	7.4	3.8	7.5	9.2	12	11	5.2		N=4	
N=5																	N=5	
N=6																	N=6	

FREQUENCY (HERTZ) 4.0; 0.25
 DATE SURVEYED: FEB. 1985
 APPROVED _____
 NOTE- CONTOURS AT LOGARITHMIC INTERVALS: 1, -1.5, -2, -3, -5, -7.5, -10
 DATE _____

PHOENIX GEOPHYSICS LTD.
 INDUCED POLARIZATION
 AND RESISTIVITY SURVEY

97+00 E
98+00 E
99+00 E
100+00 E
101+00 E
102+00 E
103+00 E
104+00 E
105+00 E
106+00 E
107+00 E
108+00 E
109+00 E
110+00 E
111+00 E
112+00 E
113+00 E
114+00 E
115+00 E
116+00 E
117+00 E
118+00 E
119+00 E



FREQUENCY (HEFTZ)
4.6 - 25

NOTE - CONTOURS
BY SCHEMATIC
INTERVALS 1:1 &
2:1 - 5:1 - 9:1

GEOLOGICAL BRANCH
ASSESSMENT REPORT

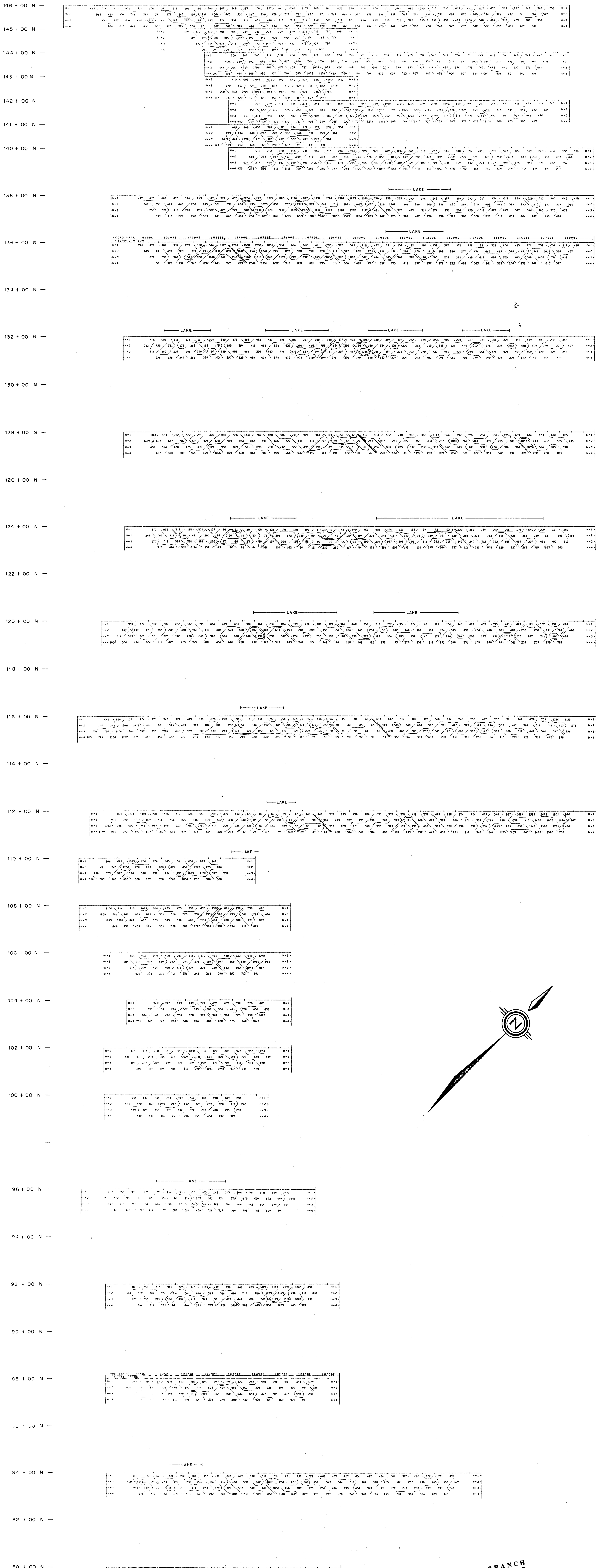
15,221 Part 2 of 3

BP SELCO DIVISION -
BP RESOURCES CANADA LIMITED

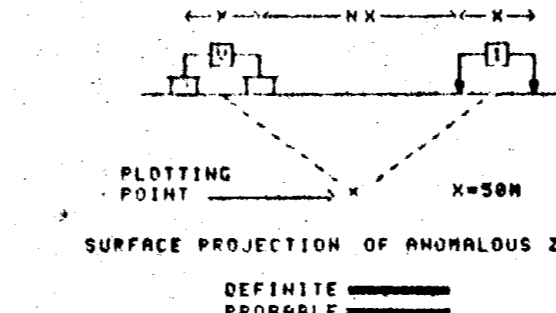
TA HOOLA PROJECT - B.C.
PERCENT FREQUENCY EFFECT
STACKED PROFILES

SCALE 1:5,000	DRAWN BY: A. WYNNE	FIG. 29
DATES: APRIL 1985	DRAFTED BY: L.G.	
N.T.S. 92 P/9	PROJ. 10141	REPORT BPVR 84-76

97+00 E
98+00 E
99+00 E
100+00 E
101+00 E
102+00 E
103+00 E
104+00 E
105+00 E
106+00 E
107+00 E
108+00 E
109+00 E
110+00 E
111+00 E
112+00 E
113+00 E
114+00 E
115+00 E
116+00 E
117+00 E
118+00 E
119+00 E



15,221
Part 2 of 3



FREQUENCY (HEARTZ)
1.0 - 10.0
10.0 - 100.0
100.0 - 1000.0
1000.0 - 10000.0
10000.0 - 100000.0
100000.0 - 1000000.0
1000000.0 - 10000000.0
10000000.0 - 100000000.0
100000000.0 - 1000000000.0

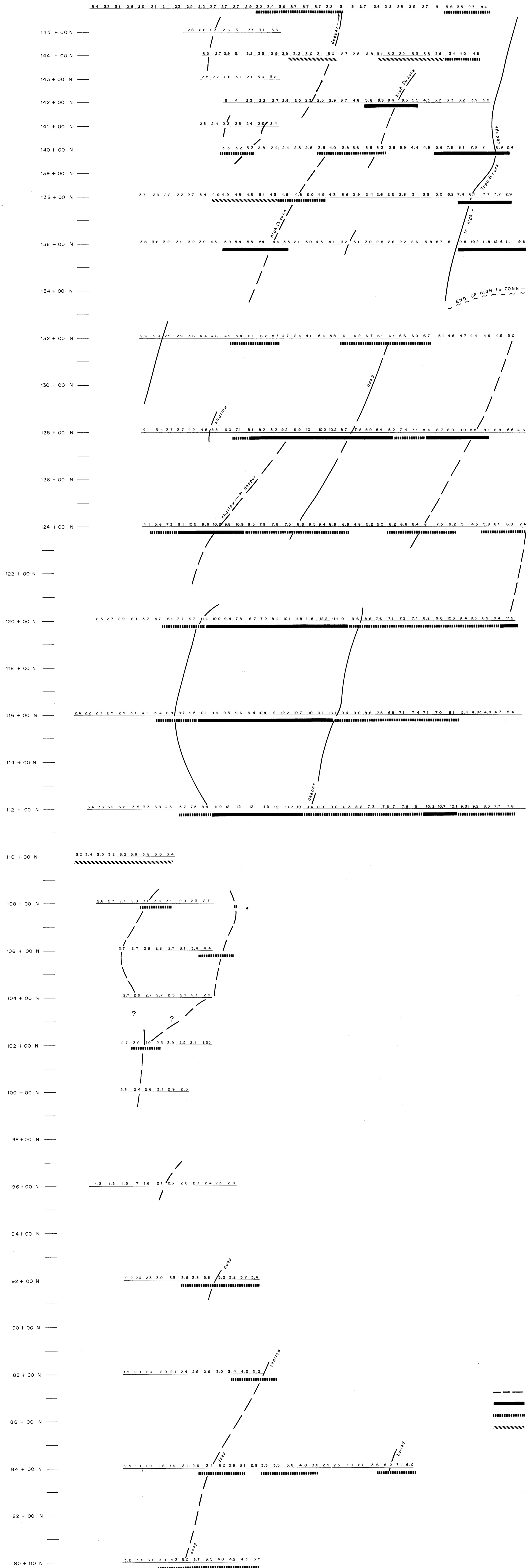
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

BP SELCO DIVISION -
BP RESOURCES CANADA LIMITED

**TA HOOLA PROJECT - B.C.
RESISTIVITY (ohm-metres)
STACKED PROFILES**

SCALE 1:5000 DRAWN BY: A. WYNNE
DATE: APRIL 1985 DRAFTED BY: L.G. FIG. 30
N.T.S. 92 P/9 PROJ. 10141 REPORT BPVR 84-78

99+00E — 3.4 3.3 3.1 2.8 2.5 2.1 2.1 2.3 2.5 2.2 2.7 2.7 2.7 2.9 3.2 3.4 3.9 3.7 3.7 3.3 3 3 2.7 2.6 2.2 2.3 2.5 2.7 3 3.6 3.5 2.7 4.4



--- CONDUCTOR AXIS
 ——— DEFINITE ANOMALOUS ZONE
 ▒▒▒▒▒ PROBABLE ANOMALOUS ZONE
 ▒▒▒▒▒ POSSIBLE ANOMALOUS ZONE

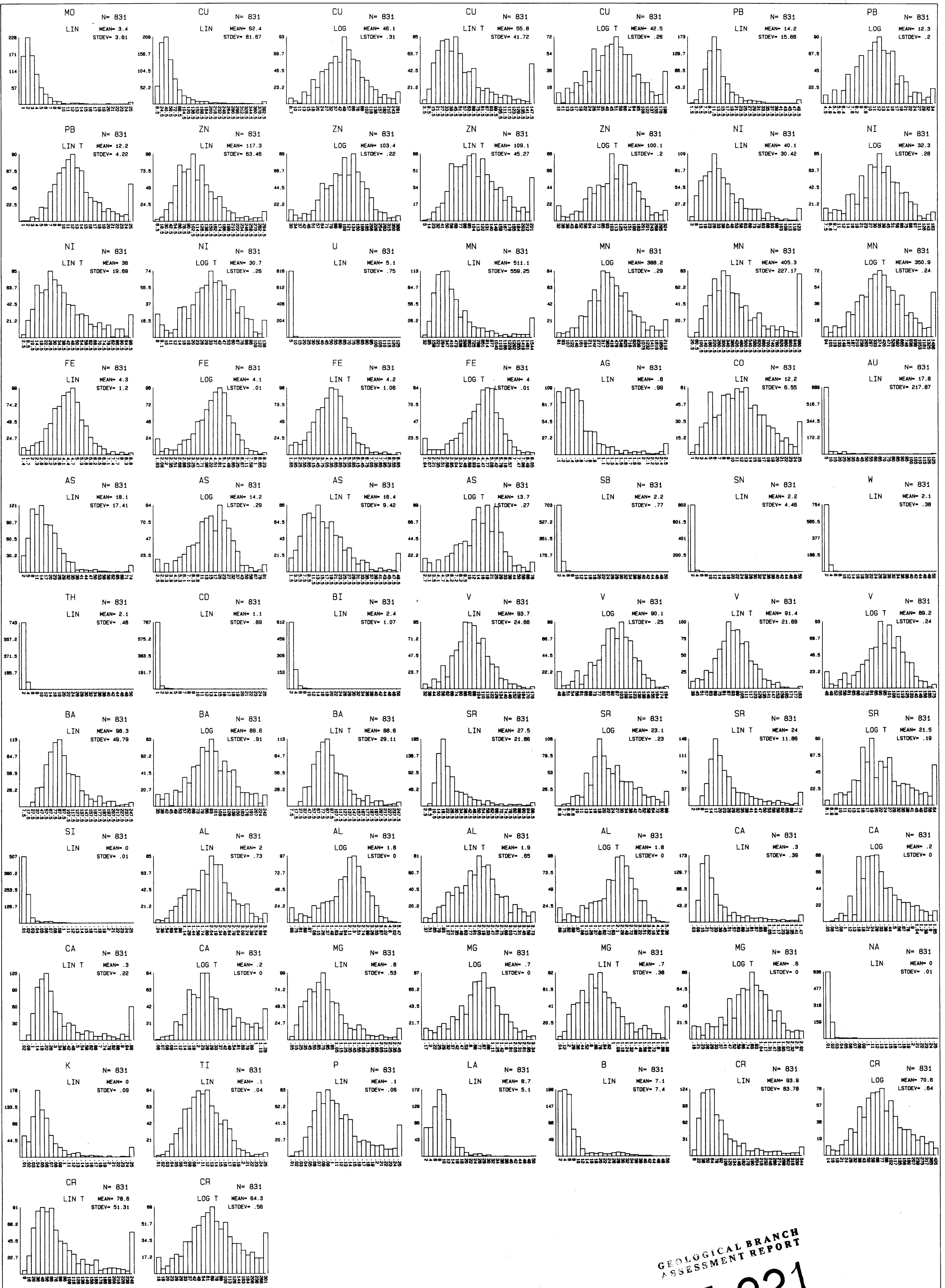
SCALE 1 : 5000 0 200 300 400 500 METRES

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GEOLOGICAL BRANCH
 ASSESSMENT REPORT

TA HOOLA PROJECT
 FRAZER FILTERED FREQUENCY EFFECT
 INTERPRETATION MAP

SCALE 1 : 5000	DRAWN BY: A. W.	FIG. 31
DATE APRIL 1985	DRAFTED BY: E. B. W.	
N.T.S. 92 P/9	PROJ. 10141	REPORT BPR 84-76



SAMPLE SELECTION CRITERIA

PROPERTY CODE ALL
 SAMPLE TYPE (S) 50
 BEDROCK TYPE (S) ALL
 SOIL HORIZON (S) ALL
 SAMPLE TEXTURE (S) ALL
 OVERBURDEN ORIGIN (S) ALL
 LAB-SIZE FR-EXTRACTION (S) ALL

LEGEND

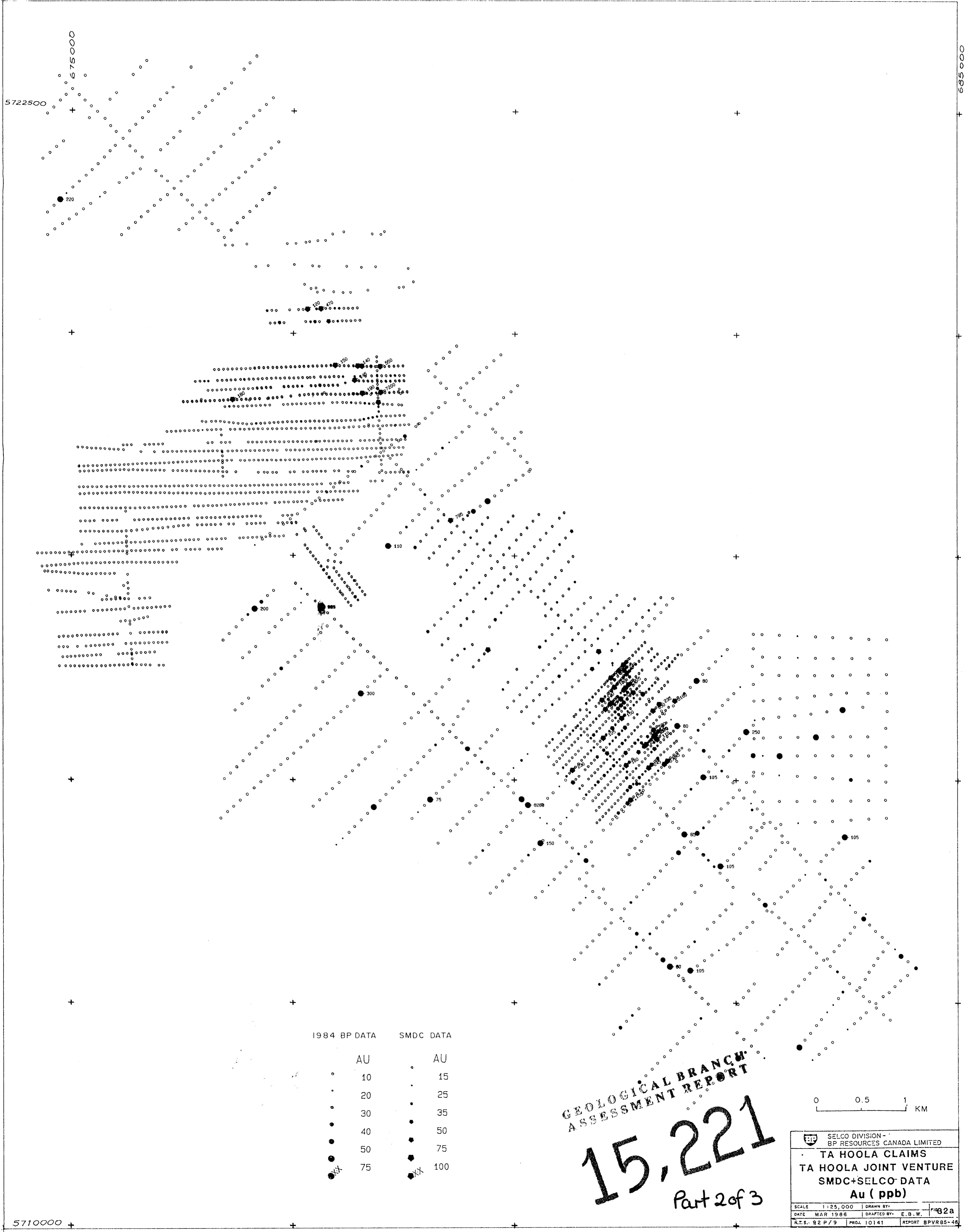
LIN = LINEAR
 LOG = LOGARITHMIC
 LIN T = TRUNCATED LINEAR
 LOG T = TRUNCATED LOGARITHMIC

GEOLOGICAL BRANCH
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SELCO DIVISION - BP RESOURCES CANADA LIMITED TA HOOLA CLAIMS TA HOOLA JOINT VENTURE - B.C. 1984 SOIL SURVEY HISTOGRAMS		
DWG. NO.	DATE OCT 84 PROJECT 562/10141	FIG. 32
REPORT NO.	NTS 92P/9-10	
TO ACCOMPANY REPORT:	BPVR 85-46	



1984 BP DATA		SMDC DATA	
AU		AU	
○	10	○	15
○	20	○	25
○	30	○	35
○	40	○	50
○	50	○	75
○	75	○	100

GEOLOGICAL BRANCH
ASSESSMENT REPORT

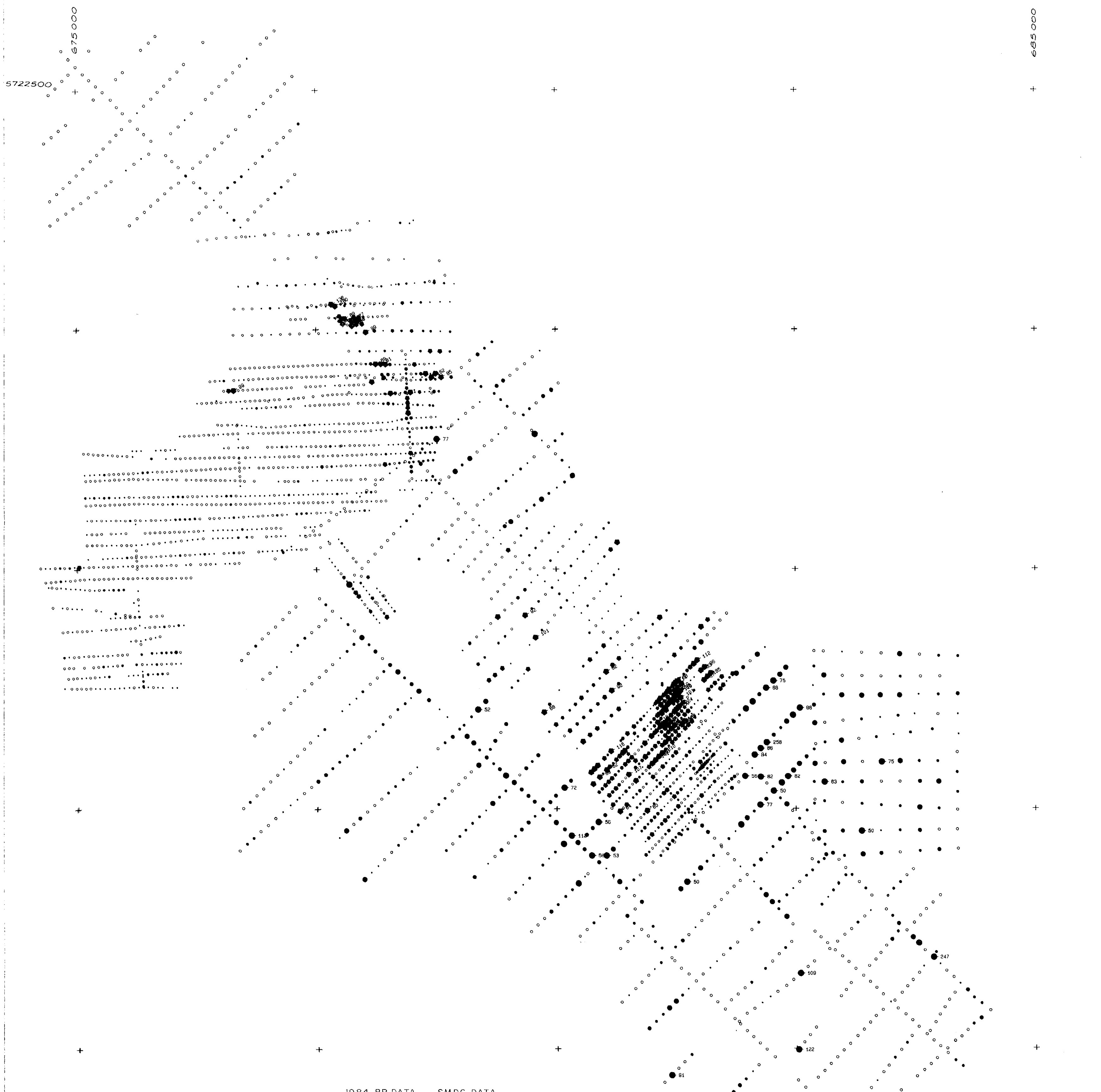
15,221
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0 0.5 1
KM

SELCO DIVISION - BP RESOURCES CANADA LIMITED			
TA HOOLA CLAIMS			
TA HOOLA JOINT VENTURE			
SMDC+SELCO DATA			
Au (ppb)			
SCALE 1:25,000	DRAWN BY:	FIG 82a	
DATE MAR 1986	DRAFTED BY: E.B.W.		
N.T.S. - 92 P/9	PROJ. 10141	REPORT BPVR85-48	

5710000

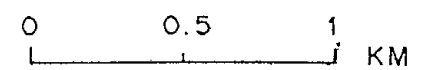
685600



1984 BP DATA	SMDC DATA
AS	AS
• 15	• 12
• 18	• 20
• 25	• 30
• 31	• 40
• 39	• 60
• 50	• 80

GEOLOGICAL BRANCH
 ARSENIC CONCENTRATION REPORT

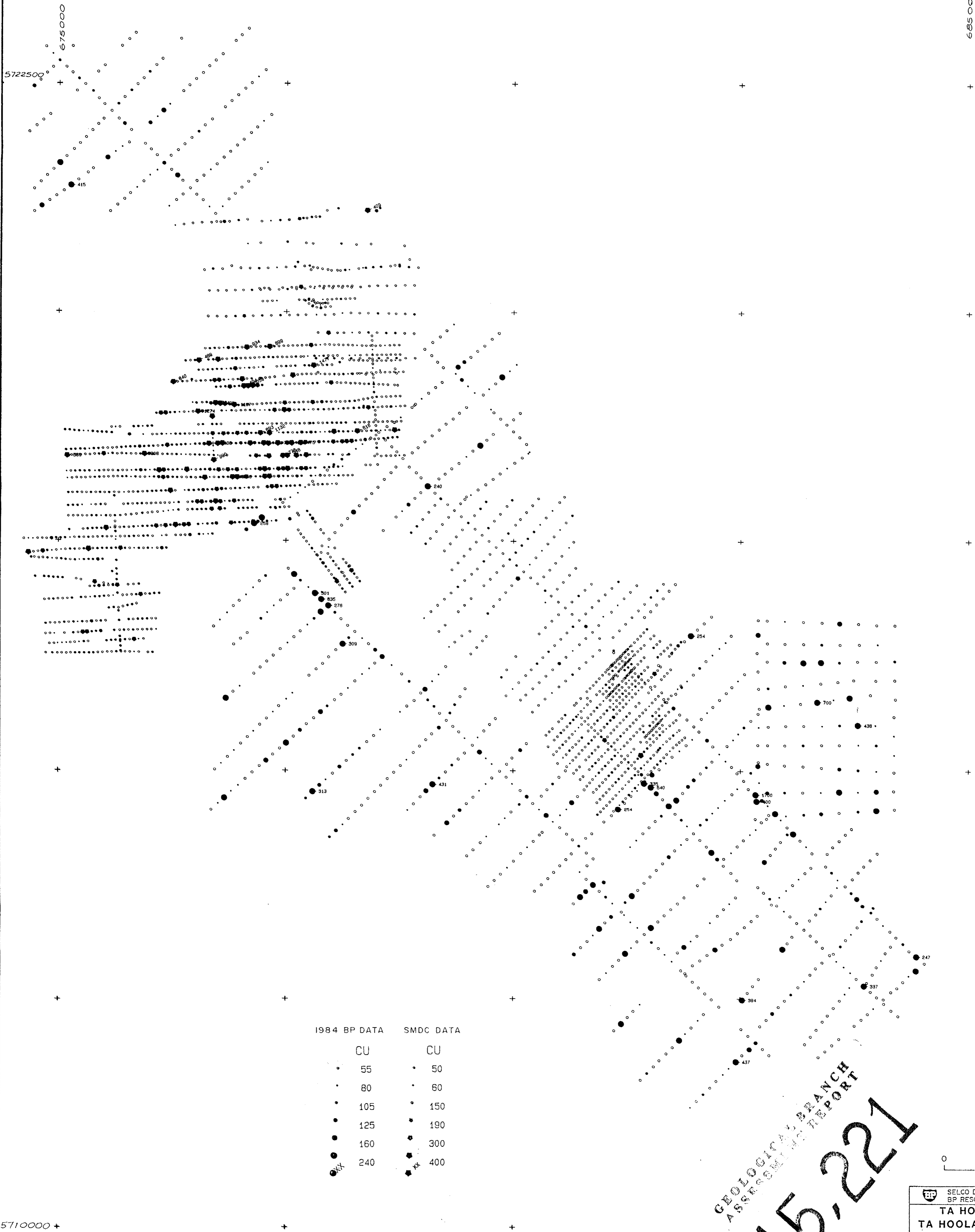
15,221
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SELCO DIVISION - BP RESOURCES CANADA LIMITED	
TA HOOLA CLAIMS TA HOOLA JOINT VENTURE SMDC+SELCO DATA As (ppm)	
SCALE 1:25,000	DRAWN BY
DATE MAR 1986	DRAFTED BY E. B. W.
N.T.S. 92 P/9	PROJ. 10141
REPORT BPVR85-46	FIG-32C

5710000

6850000



1984 BP DATA SMDC DATA

CU CU

- | | | | |
|---|-----|---|-----|
| • | 55 | • | 50 |
| • | 80 | • | 60 |
| • | 105 | • | 150 |
| • | 125 | • | 190 |
| • | 160 | • | 300 |
| • | 240 | • | 400 |

0 0.5 1 KM

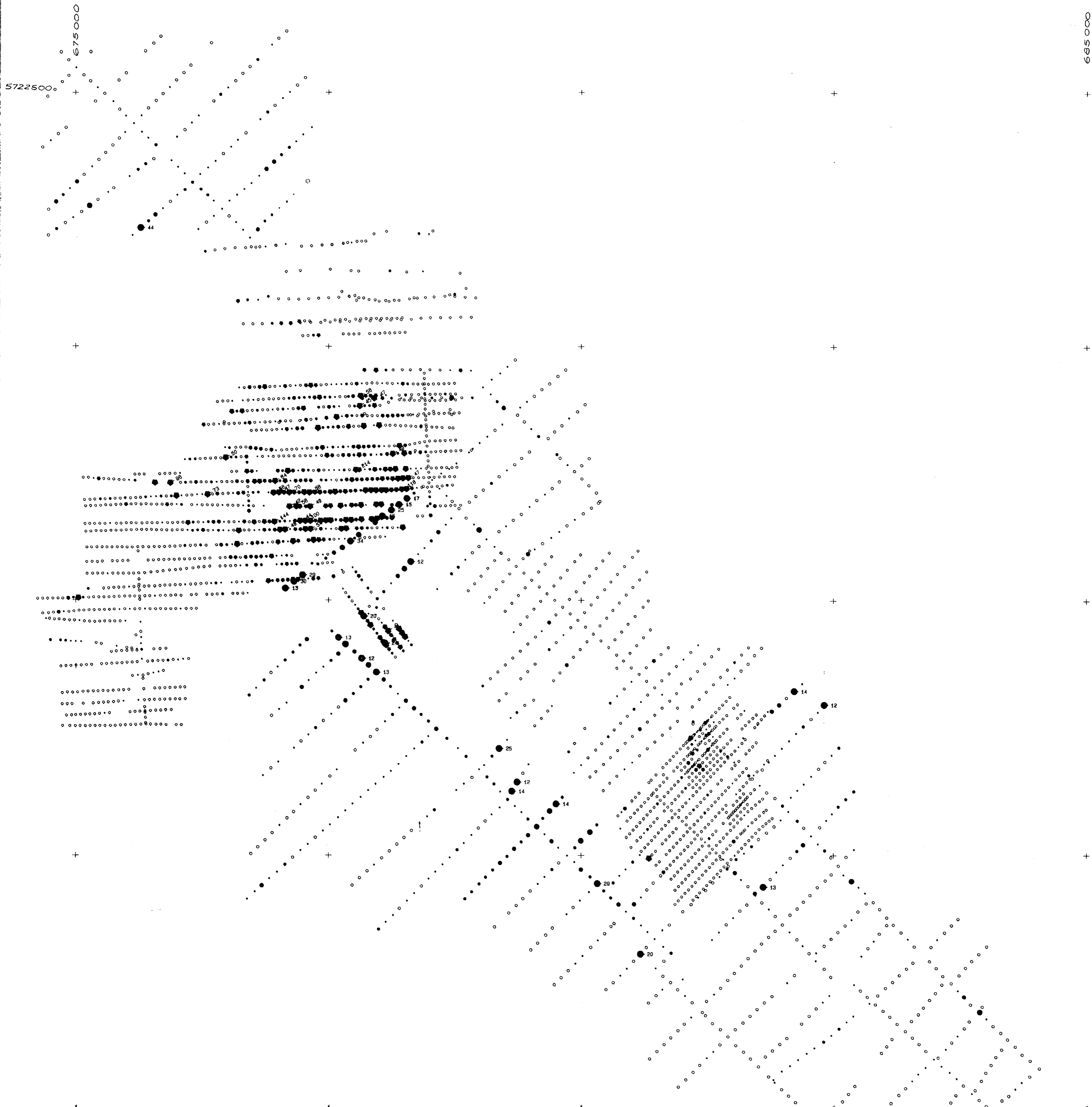
GEOLOGICAL BRANCH
ASSESSMENT REPORT

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SELCO DIVISION - BP RESOURCES CANADA LIMITED			
TA HOOLA CLAIMS TA HOOLA JOINT VENTURE SMDC+SELCO DATA Cu (ppm)			
SCALE	1:25,000	DRAWN BY:	
DATE	MAR 1986	DRAFTED BY:	E.B.W.
N.T.S.	92 P/9	PROJ.	10141
		REPORT	BPVR85-46

FIG. 32d

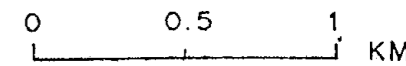


1984 BP DATA

MO	MO
• 2	• 5
• 4	• 7
• 6	• 10
• 8	• 18
• 10	• 25
• 12	• 40

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SELCO DIVISION - BP RESOURCES CANADA LIMITED			
TA HOOLA CLAIMS TA HOOLA JOINT VENTURE SMDC+SELCO+DATA Mo (ppm)			
SCALE	1:25,000	DRAWN BY:	FIG. 326
DATE	MAR 1986	DRAFTED BY:	E. B. W.
N.T.S.	92 P/9	PROJ.	10141
		REPORT	BPVR85-46

Part 2 of 3

5710000 +

665000

5722500 +

+

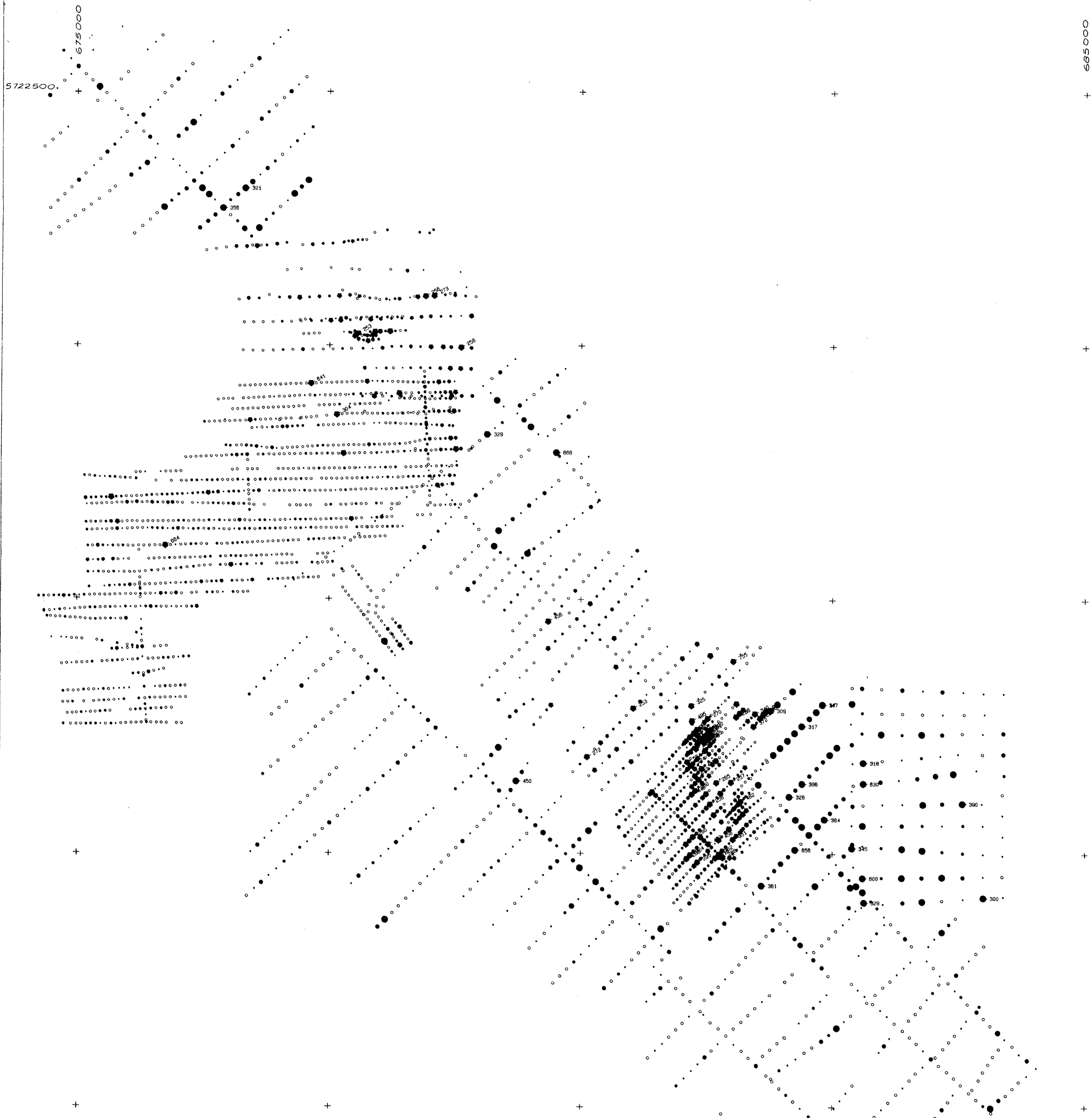
+

+

+

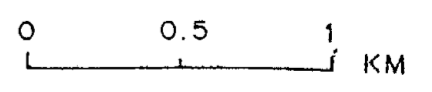
+

+



1984 BP DATA	SMDC DATA
ZN	ZN
• 90	• 85
• 130	• 95
• 150	• 140
• 200	• 180
• 210	• 220
• 300	• 250

GEOLOGICAL BRANCH
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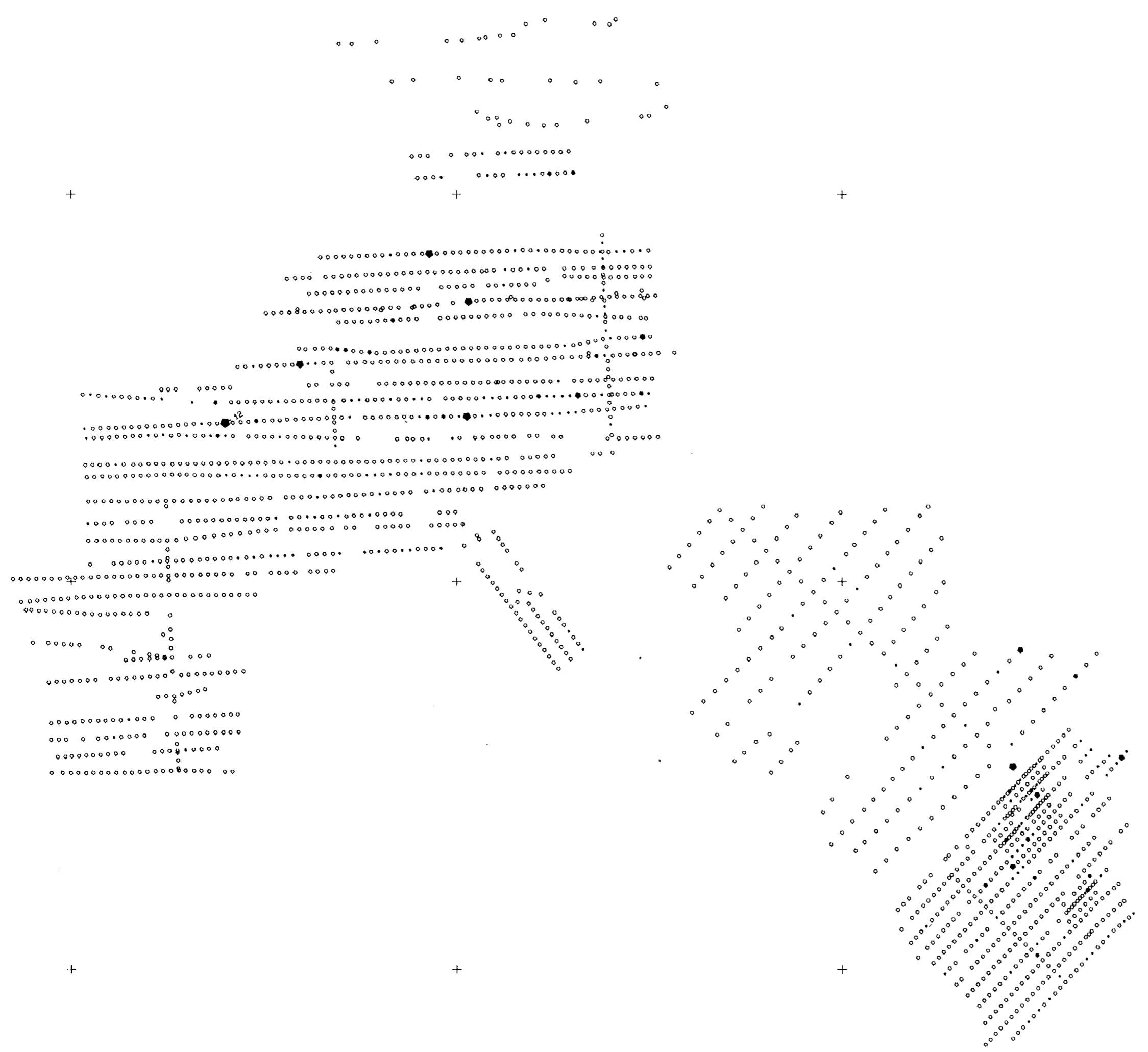
Part 2 of 3

SELCO DIVISION BP RESOURCES CANADA LIMITED	
TA HOOLA CLAIMS TA HOOLA JOINT VENTURE SMDC+SELCO DATA Zn (ppm)	
SCALE 1:25,000	DRAWN BY
DATE MAR 1986	DRAFTED BY E. B. W.
N.T.S. 92 P/9	PROJ. 10141
REPORT BPVR85-46	PL-329

5710000

5722500 + 675000

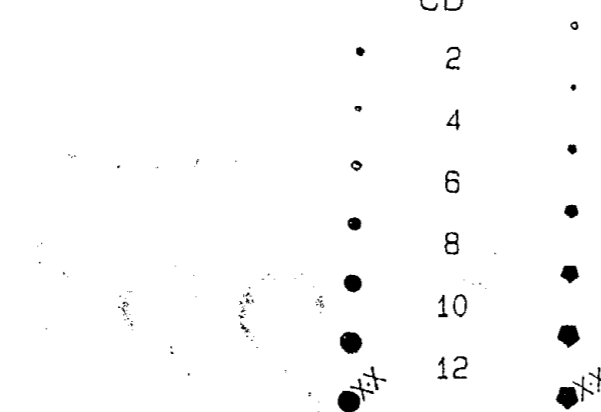
685000



1984 BP DATA

CD

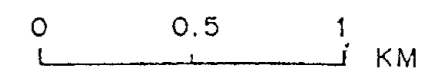
2
4
6
8
10
12



**GEOLOGICAL BRANCH
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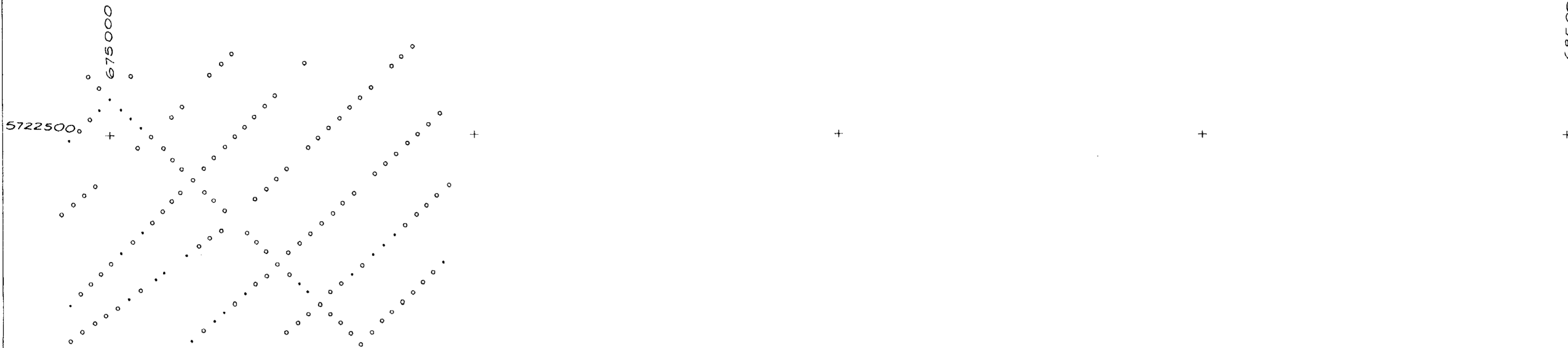
15,221

Part 2 of 3

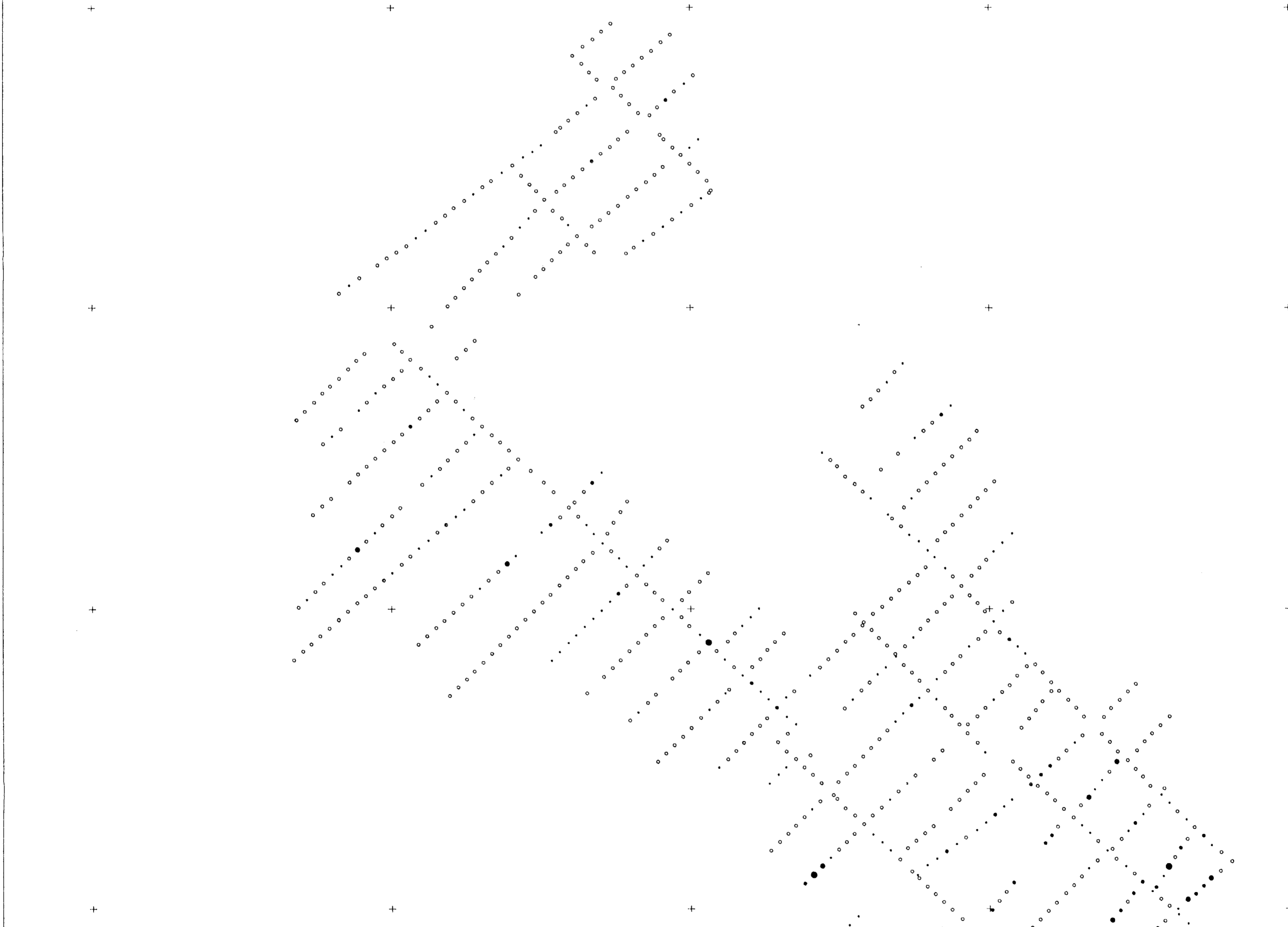


5710000 +

SELCO DIVISION - BP RESOURCES CANADA LIMITED			
TA HOOLA CLAIMS TA HOOLA JOINT VENTURE SMDC+SELCO DATA Cd (ppm)			
SCALE	1:25,000	DRAWN BY:	
DATE	MAR 1986	DRAFTED BY:	E. B. W.
N.T.S. 92 P/9		PROJ. 10141	REPORT BPVR85-46
			FIG. 32h

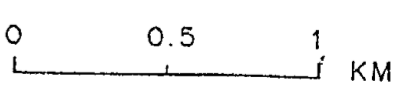


675 000



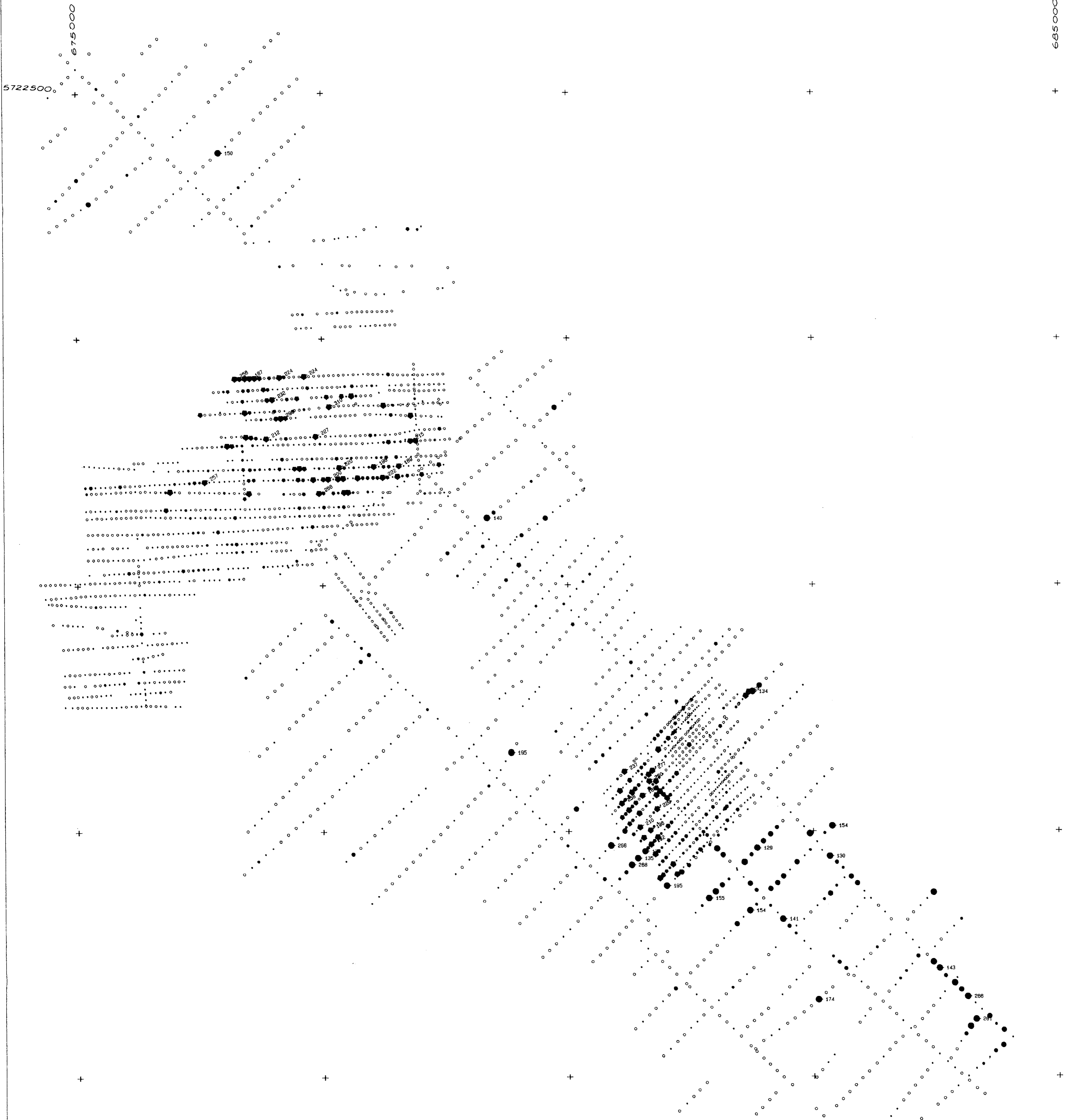
GEOLOGICAL BRANCH
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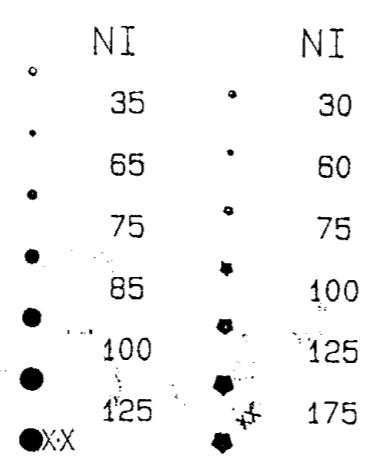


Part 2 of 3

SELCO DIVISION - BP RESOURCES CANADA LIMITED		
TA HOOLA CLAIMS TA HOOLA JOINT VENTURE SMDC+SELCO DATA Bi (ppm)		
SCALE 1:25,000	DRAWN BY	FIG-321
DATE MAR 1986	DRAFTED BY E.B.W.	
N.T.S. 92 P/9	PROJ 10141	REPORT BPVR 85-46

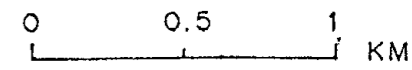


1984 BP DATA



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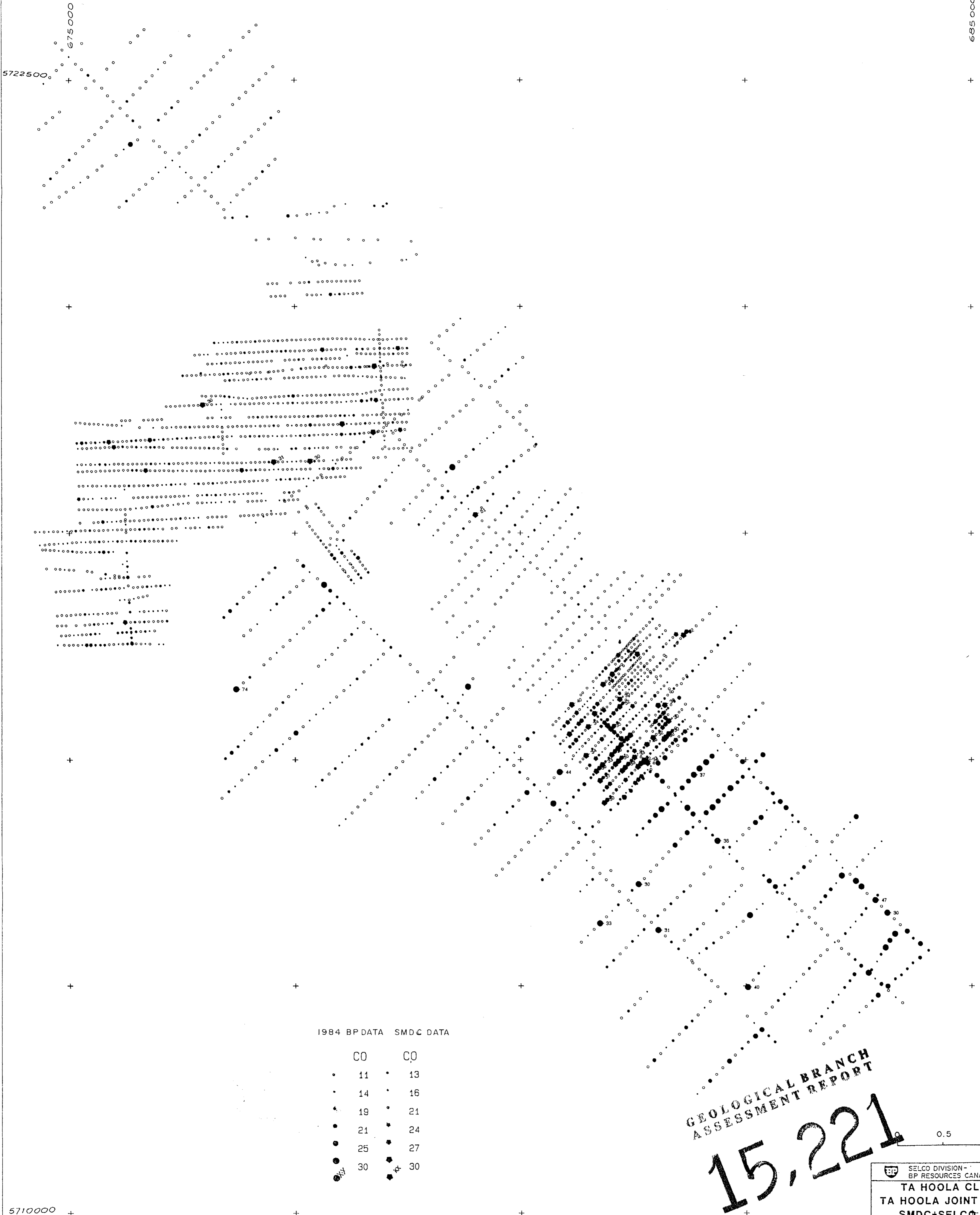


SELCO DIVISION BP RESOURCES CANADA LIMITED			
TA HOOLA CLAIMS TA HOOLA JOINT VENTURE SMDC+SELCO DATA Ni (ppm)			
SCALE 1:25,000	DRAWN BY	FIG. 32J	
DATE MAR 1986	DRAFTED BY E. B. W.		
N.T.S. 92 P/9	PROJ. 10141	REPORT BPVR85-46	

5710000

685000

5722500



1984 BP DATA SMDc DATA

1984 BP DATA	SMDc DATA
• 11	• 13
• 14	• 16
• 19	• 21
• 21	• 24
• 25	• 27
• 30	• 30

GEOLOGICAL BRANCH
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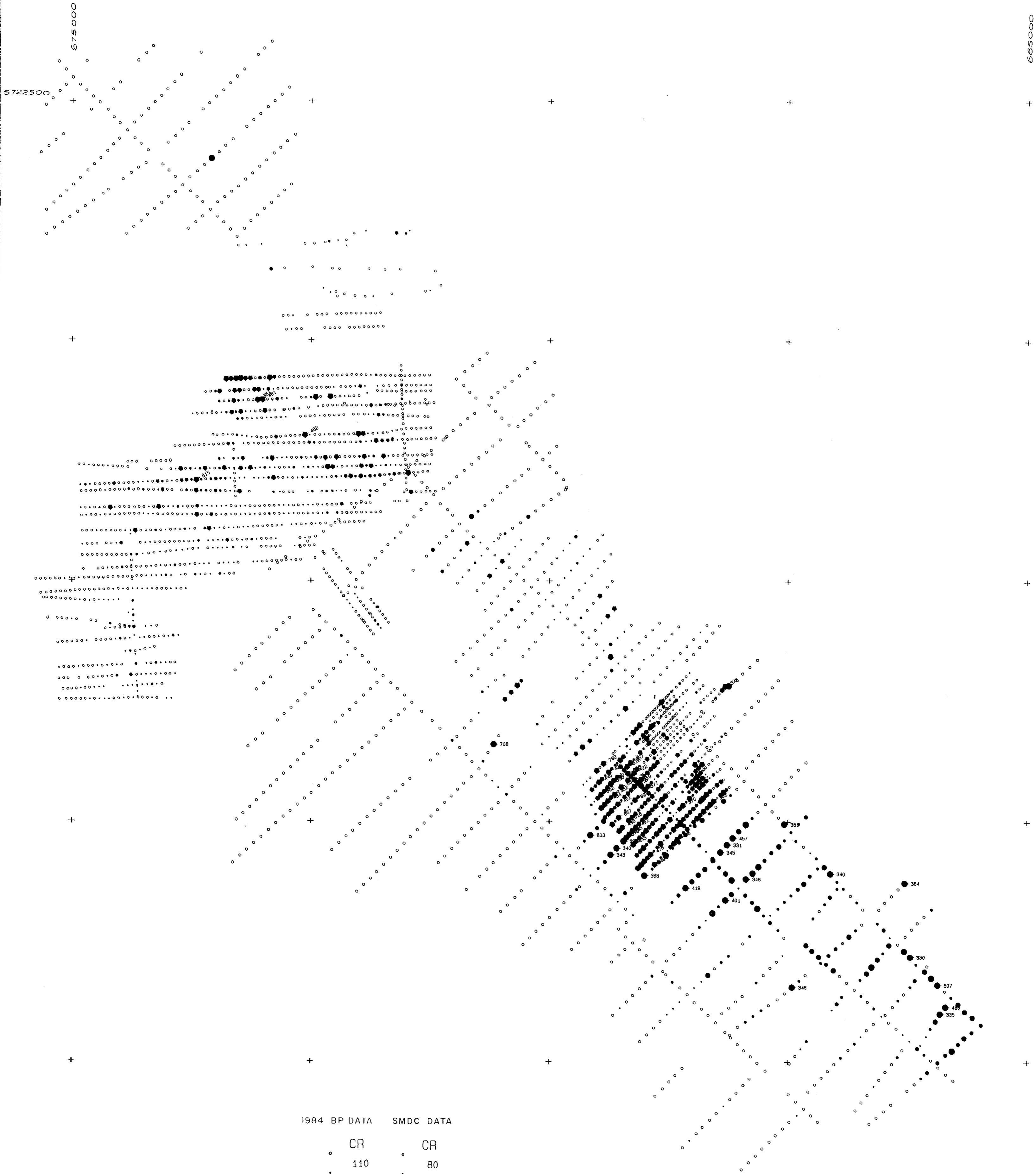
Part 2 of 3

0.5 1 KM

SELCO DIVISION - BP RESOURCES CANADA LIMITED			
TA HOOLA CLAIMS TA HOOLA JOINT VENTURE SMDc+SELCO DATA Co (ppm)			
SCALE 1:25,000	DRAWN BY:	FIG. 32K	
DATE MAR 1986	DRAFTED BY: E. B. W.		
N.T.S. 92 P/9	PROJ. 10141	REPORT BPVR85-46	

5710000

685000

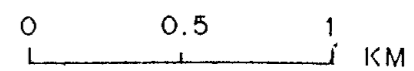


1984 BP DATA	SMDC DATA
○ CR	○ CR
○ 110	○ 80
○ 130	○ 110
○ 180	○ 135
○ 230	○ 160
○ 290	○ 250
○ 330	○ 350
● XX	● XX

**GEOLOGICAL BRANCH
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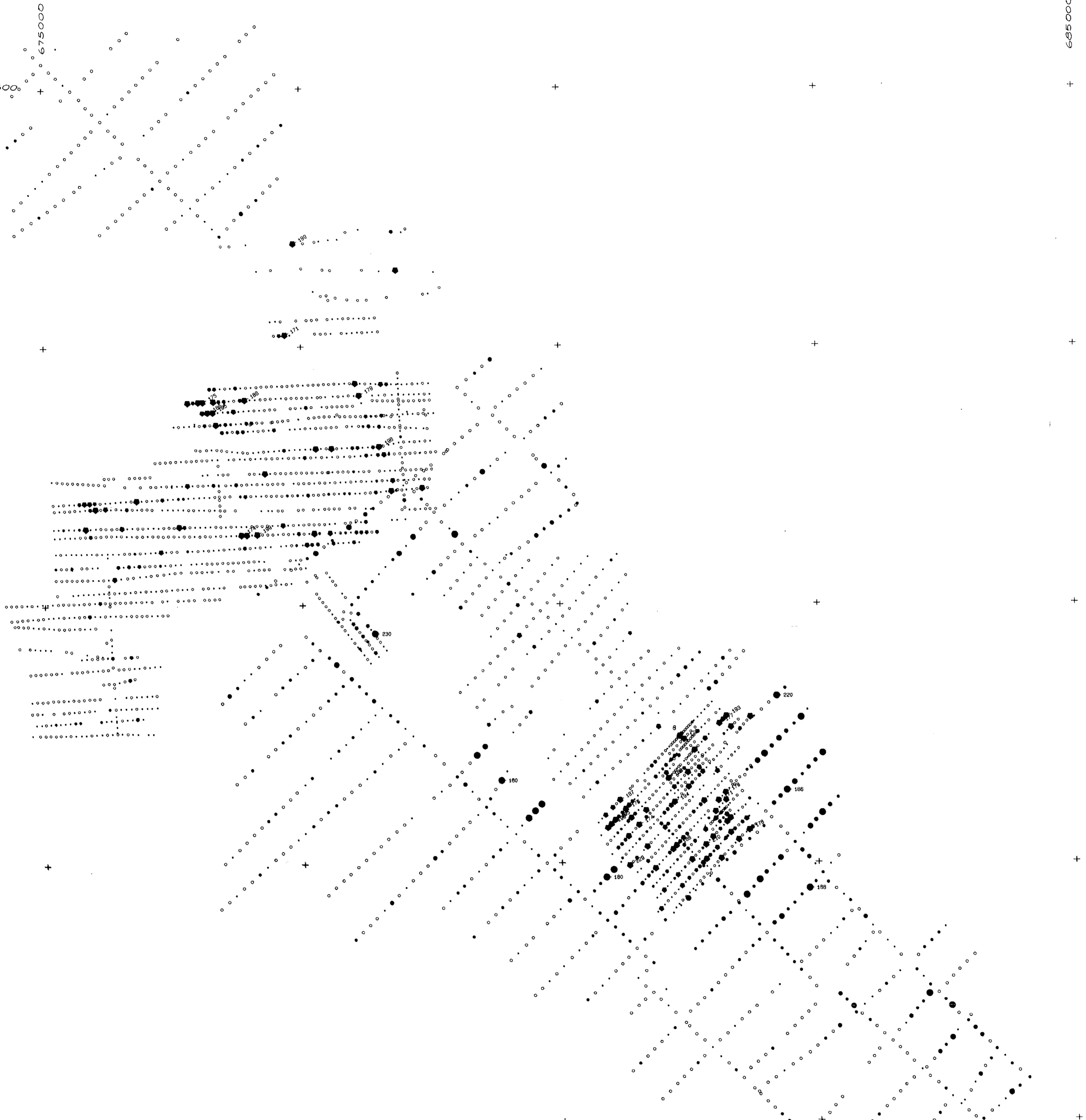


SELCO DIVISION - BP RESOURCES CANADA LIMITED			
TA HOOLA CLAIMS			
TA HOOLA JOINT VENTURE			
SMDC+SELCO+DATA			
Cr (ppm)			
SCALE	1:25,000	DRAWN BY:	
DATE	MAR 1986	DRAFTED BY:	E. B. W.
			FIG. 321
M.T.S.	92 P/9	PROJ.	10141
		REPORT	BPV85-46

5710000 +

5722500

685000

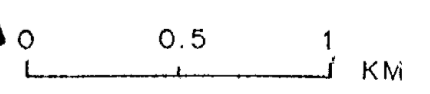


1984 BP DATA	SMDC DATA
V	V
95	100
105	125
125	130
135	145
145	155
160	170

GEOLOGICAL BRANCH
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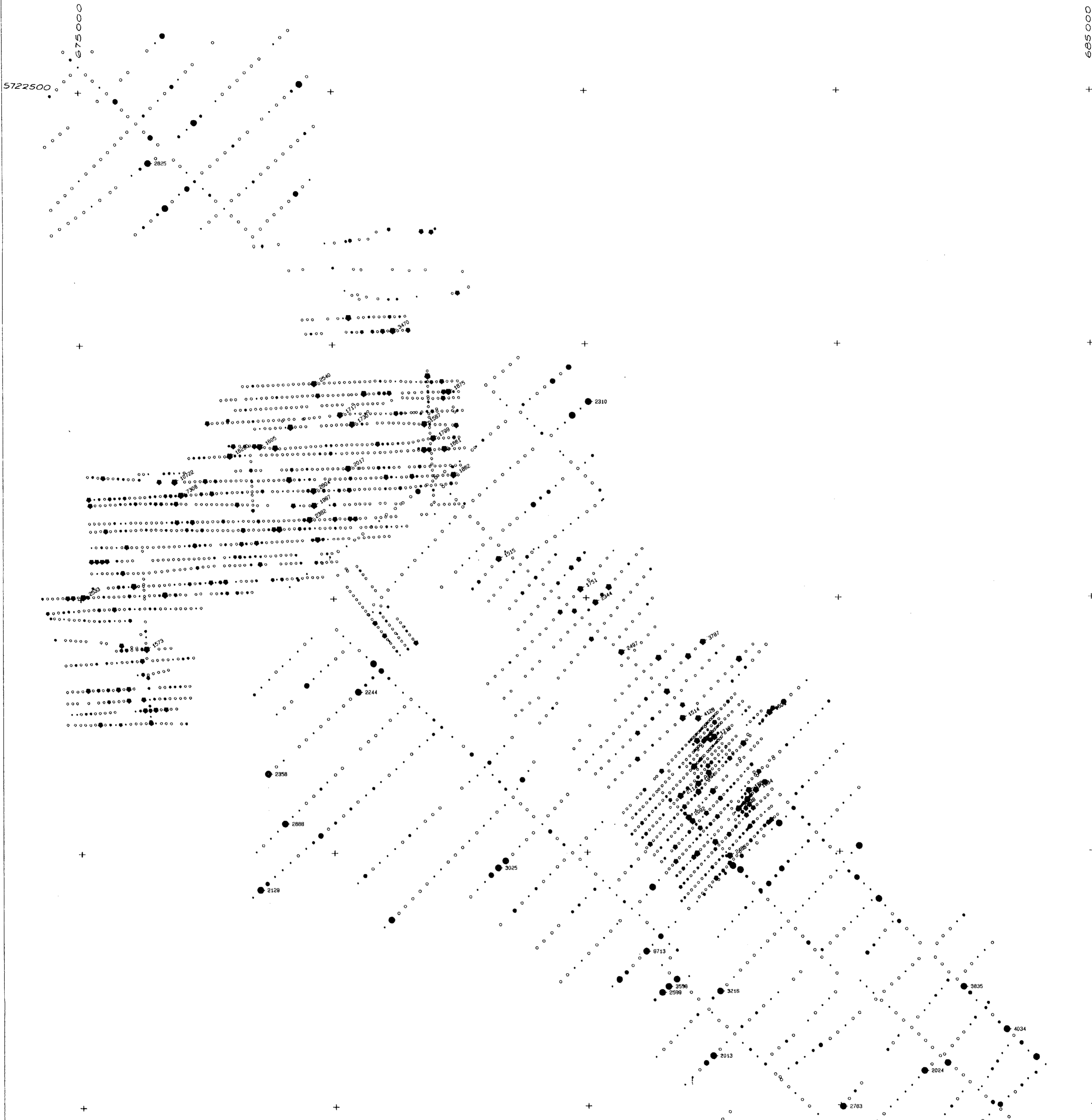
15,221

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5710000

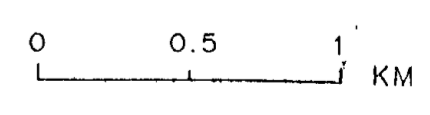
SELCO DIVISION - BP RESOURCES CANADA LIMITED	
TA HOOLA CLAIMS TA HOOLA JOINT VENTURE SMDC+SELCO DATA V (ppm)	
SCALE 1:25,000	DRAWN BY: JMS
DATE MAR 1986	DRAFTED BY: E.B.W.
N.T.S. 92 P/9	REPORT BPVR85-46



1984 BP DATA		SMDC DATA	
	MN		MN
•	350	•	400
•	625	•	450
•	1000	•	600
•	1200	•	750
•	1500	•	1200
•	2000	•	1500

15,221
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FILMED



SELCO DIVISION -
BP RESOURCES CANADA LIMITED

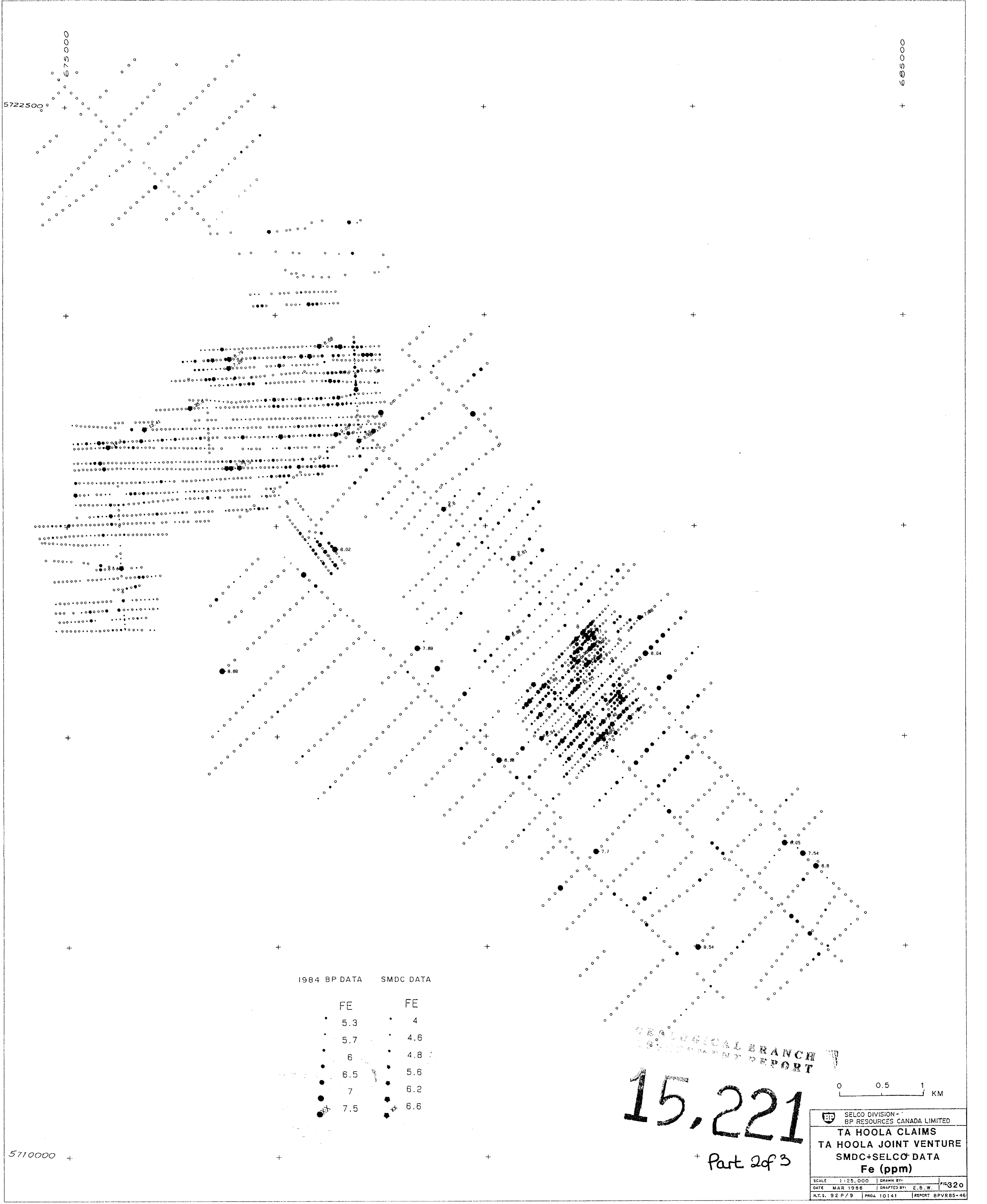
TA HOOLA CLAIMS
TA HOOLA JOINT VENTURE
SMDC+SELCO DATA
Mn (ppm)

SCALE 1:25,000 DRAWN BY: FIG. 32n
DATE MAR 1986 DRAFTED BY: E. B. W.
N.T.S. 92 P/9 PROJ. 10141 REPORT BPVR85-46

5710000

685000

6865000



5722500

675000

655000

5710000

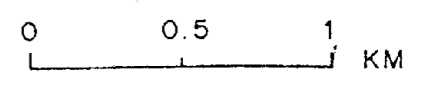
1984 BP DATA SMDC DATA

1984 BP DATA	SMDC DATA
5.3	4
5.7	4.6
6	4.8
6.5	5.6
7	6.2
7.5	6.6

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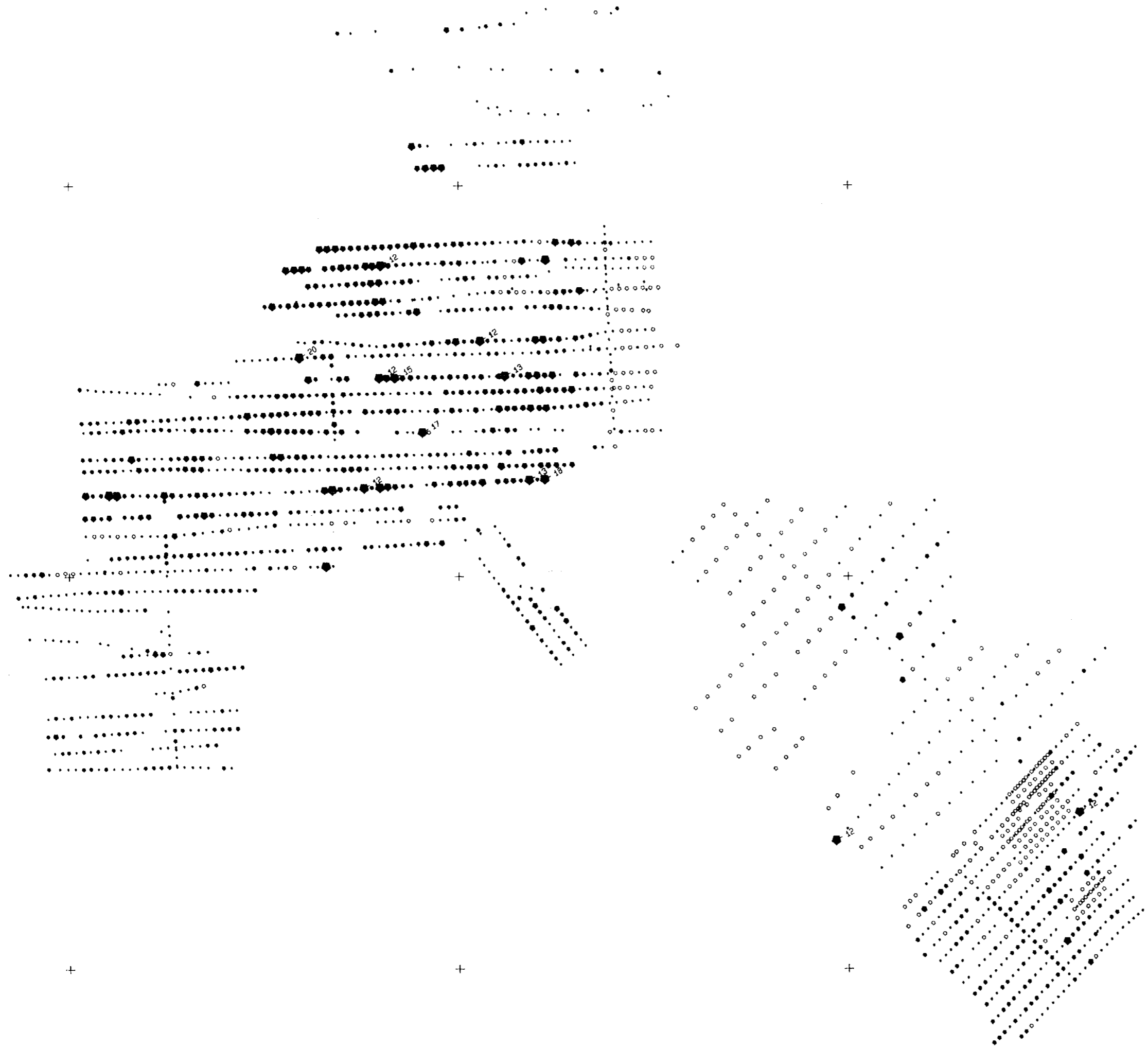


SELCO DIVISION - BP RESOURCES CANADA LIMITED	
TA HOOLA CLAIMS TA HOOLA JOINT VENTURE SMDC+SELCO DATA Fe (ppm)	
SCALE 1:25,000	DRAWN BY
DATE MAR 1986	DRAFTED BY E.B.W.
N.T.S. 92 P/9	PROJ 10141
REPORT BPVR85-46	FIG 320

675000

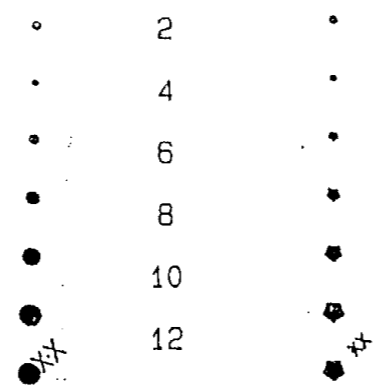
5722500

685000



SN

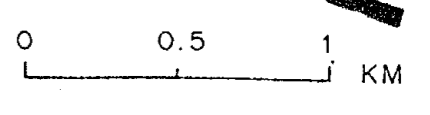
- 2
- 4
- 6
- 8
- 10
- 12



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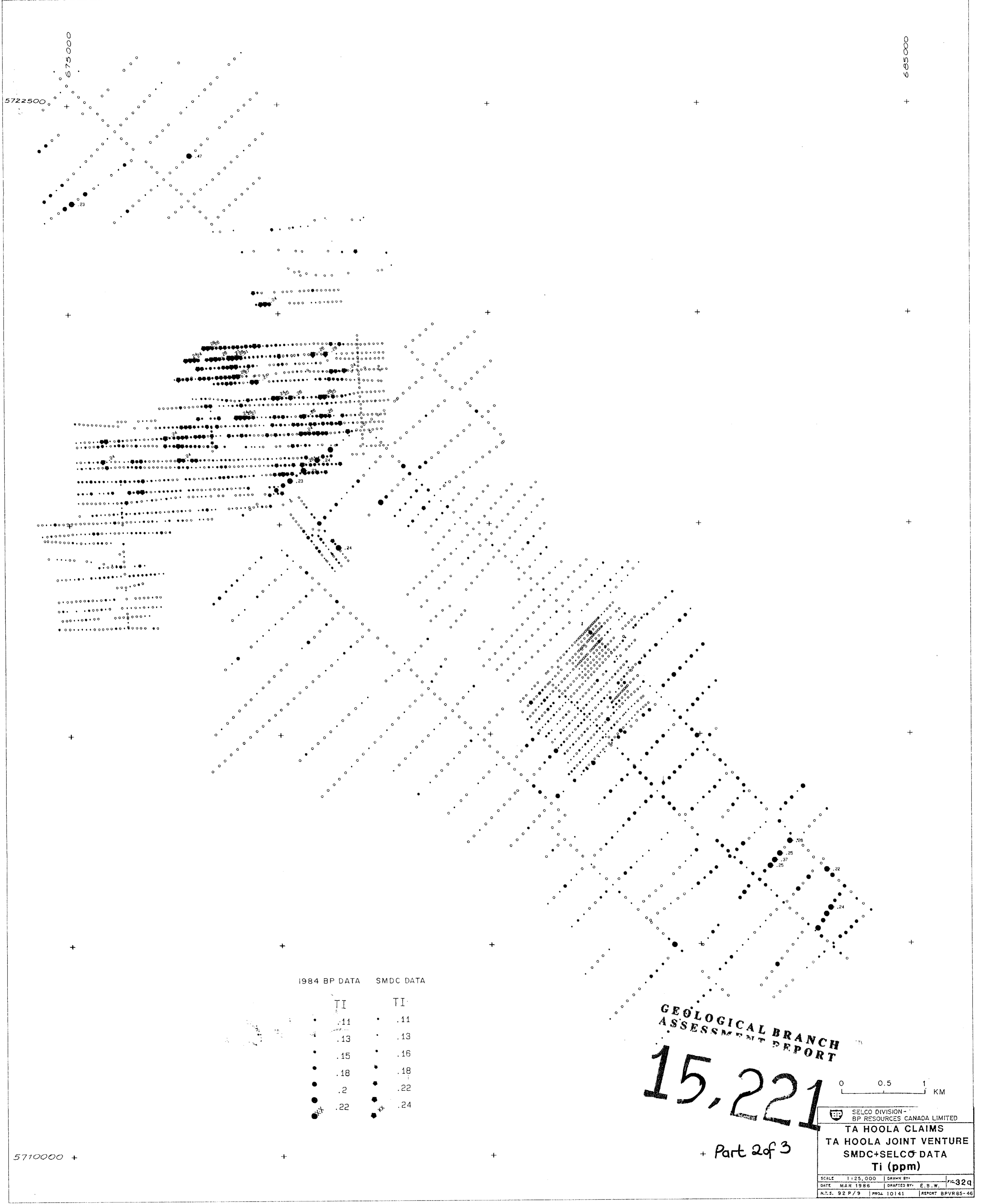
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5710000

SELCO DIVISION - BP RESOURCES CANADA LIMITED			
TA HOOLA CLAIMS			
TA HOOLA JOINT VENTURE			
SMDC+SELCO+DATA			
Sn (ppm)			
SCALE 1:25,000	DRAWN BY	FIG-32P	
DATE MAR 1986	DRAFTED BY E. B. W.		
N.T.S. 92 P/9	PROJ. 10141	REPORT BPVR85-46	




1984 BP DATA SMDC DATA

Ti	Ti
.11	.11
.13	.13
.15	.16
.18	.18
.2	.22
.22	.24

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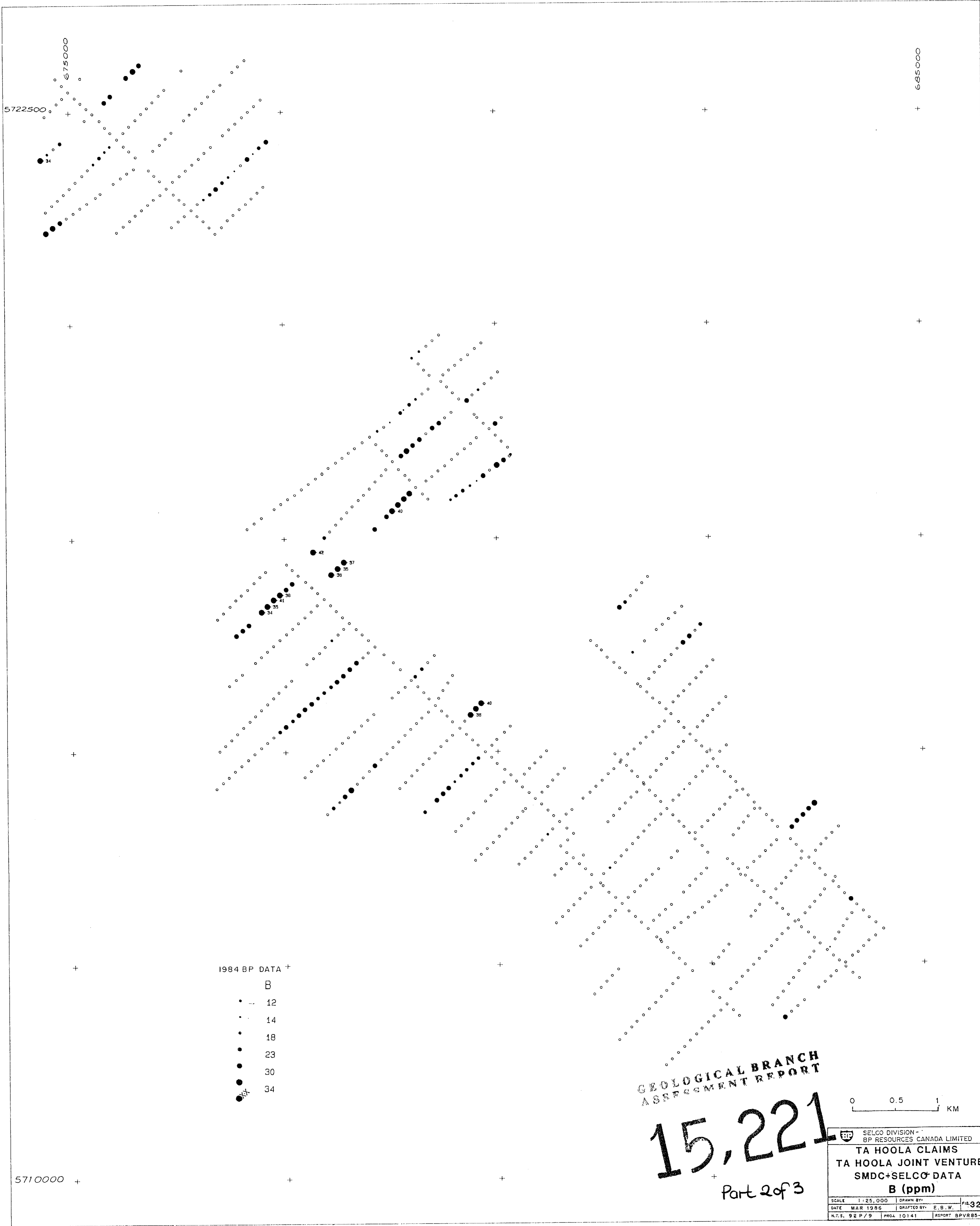
0 0.5 1 KM

 SELCO DIVISION -
 BP RESOURCES CANADA LIMITED
TA HOOLA CLAIMS
 TA HOOLA JOINT VENTURE
 SMDC+SELCO DATA
Ti (ppm)

SCALE 1:25,000 DRAWN BY:
 DATE MAR 1986 DRAFTED BY: E.B.W. FIG. 32Q
 N.T.S. 92 P/9 PROJ. 10141 REPORT BPVR85-46

+ Part 2 of 3

5710000 +

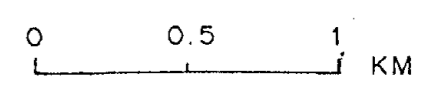


1984 BP DATA B

- 12
- 14
- 18
- 23
- 30
- 34

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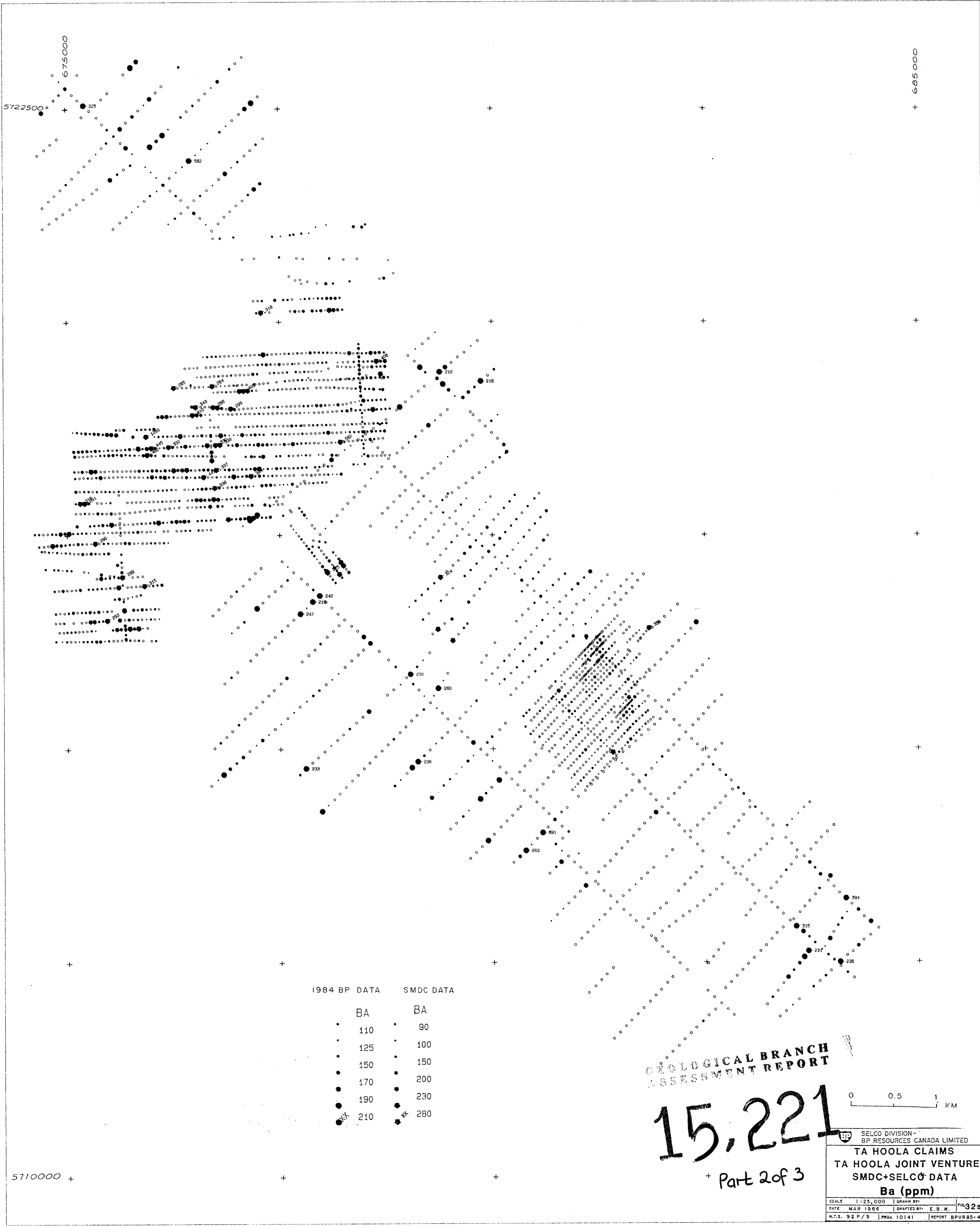
SELCO DIVISION - BP RESOURCES CANADA LIMITED	
TA HOOLA CLAIMS TA HOOLA JOINT VENTURE SMDC+SELCO DATA B (ppm)	
SCALE 1:25,000	DRAWN BY
DATE MAR 1986	DRAFTED BY E. B. W.
N.T.S. 92 P/9	PROJ. 10141
REPORT BPVR85-46	FIR-32r

5710000

5722500

675000

665000

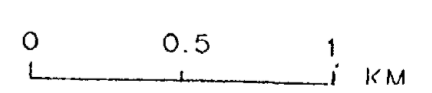


1984 BP DATA		SMDC DATA	
BA		BA	
•	110	•	90
•	125	•	100
•	150	•	150
•	170	•	200
•	190	•	230
•	210	•	280

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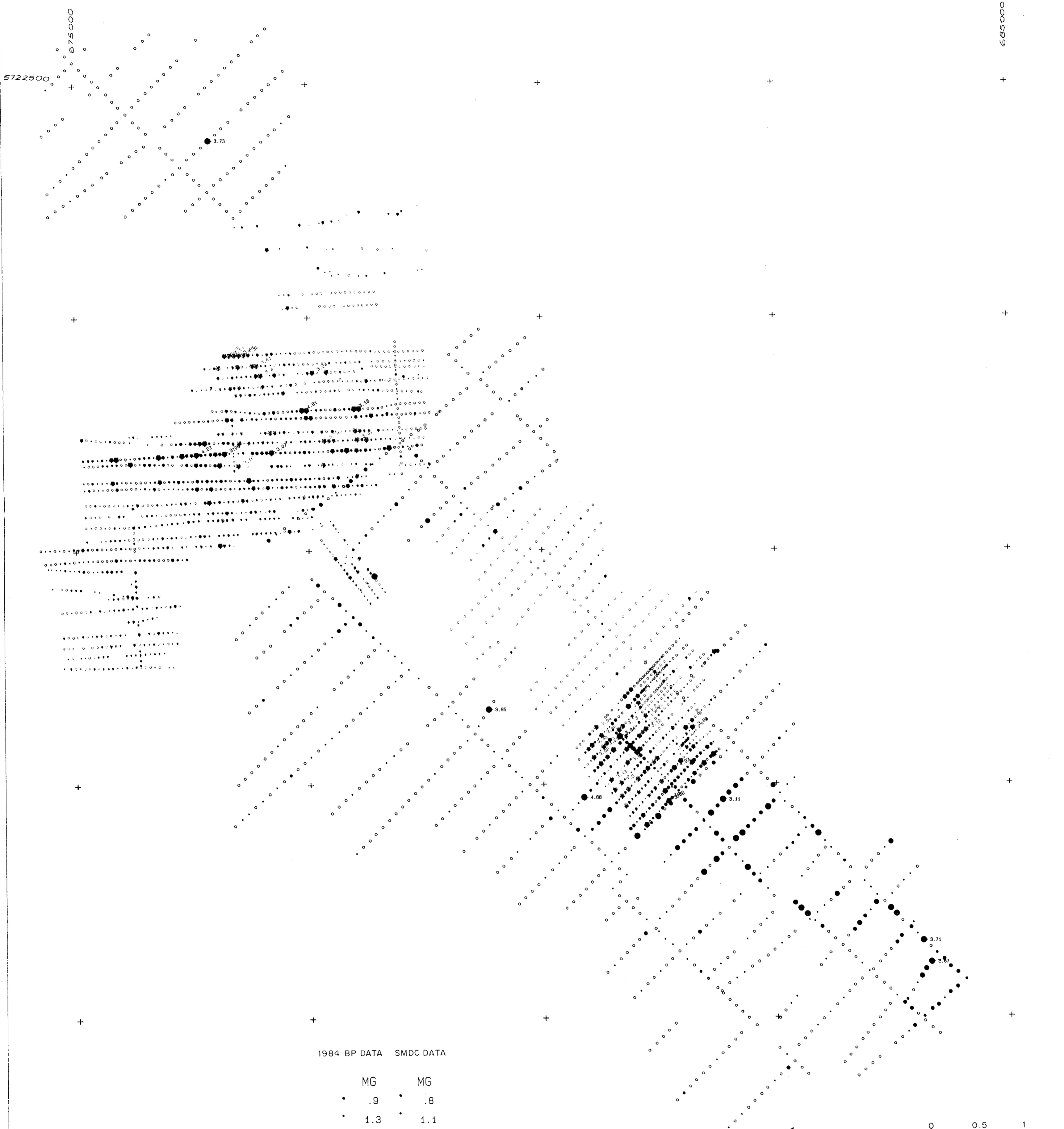


SELCO DIVISION - BP RESOURCES CANADA LIMITED	
TA HOOLA CLAIMS	
TA HOOLA JOINT VENTURE	
SMDC+SELCO DATA	
Ba (ppm)	
SCALE 1:25,000	DRAWN BY
DATE MAR 1986	DRAFTED BY E.B.W.
N.T.S. 92 P/9	PROJ 10141
REPORT BPR85-46	FIG-328

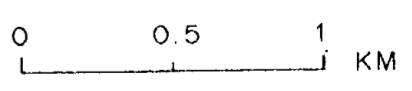
5710000 +

685000 +

5722500 +



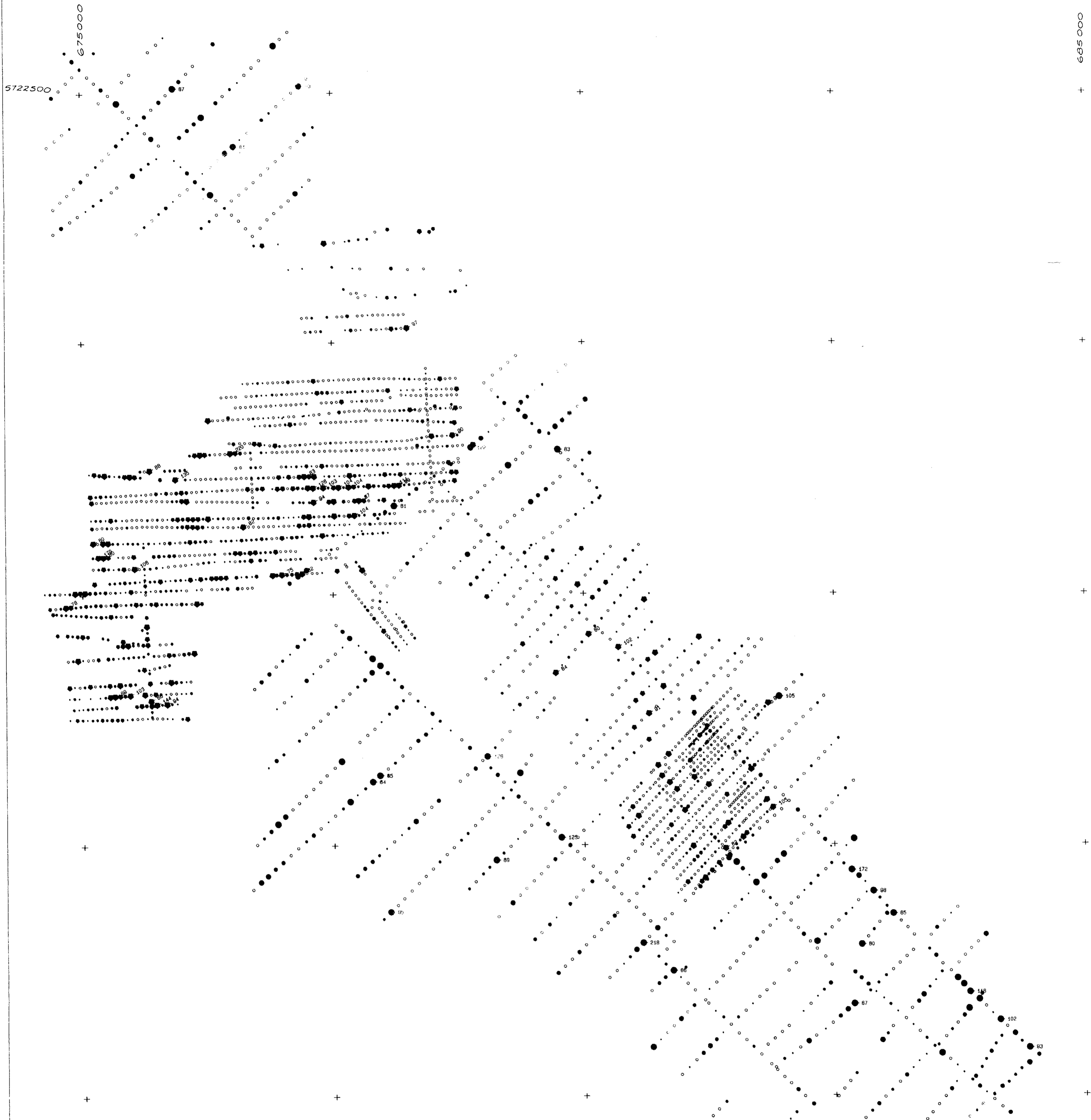
1984 BP DATA		SMDC DATA	
MG	MG	MG	MG
• .9	• .8	• .9	• .8
• 1.3	• 1.1	• 1.3	• 1.1
• 1.5	• 1.5	• 1.5	• 1.5
• 2	• 2	• 2	• 2
• 2.3	• 2.4	• 2.3	• 2.4
• 2.8	• 3	• 2.8	• 3



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SELCO DIVISION - BP RESOURCES CANADA LIMITED			
TA HOOLA CLAIMS TA HOOLA JOINT VENTURE SMDC+SELCO DATA Mg (ppm)			
SCALE 1:25,000	DRAWN BY	FIG. 32t	
DATE MAR 1988	DRAFTED BY E. B. W.		
N.T.S. 92 P/9	PROJ. 10141	REPORT BPVR85-46	

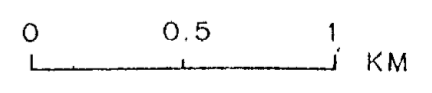
5710000



1984 BP DATA	SMDC DATA
SR	SR
• 20	• 18
• 23	• 22
• 32	• 33
• 49	• 40
• 60	• 55
• 80	• 75

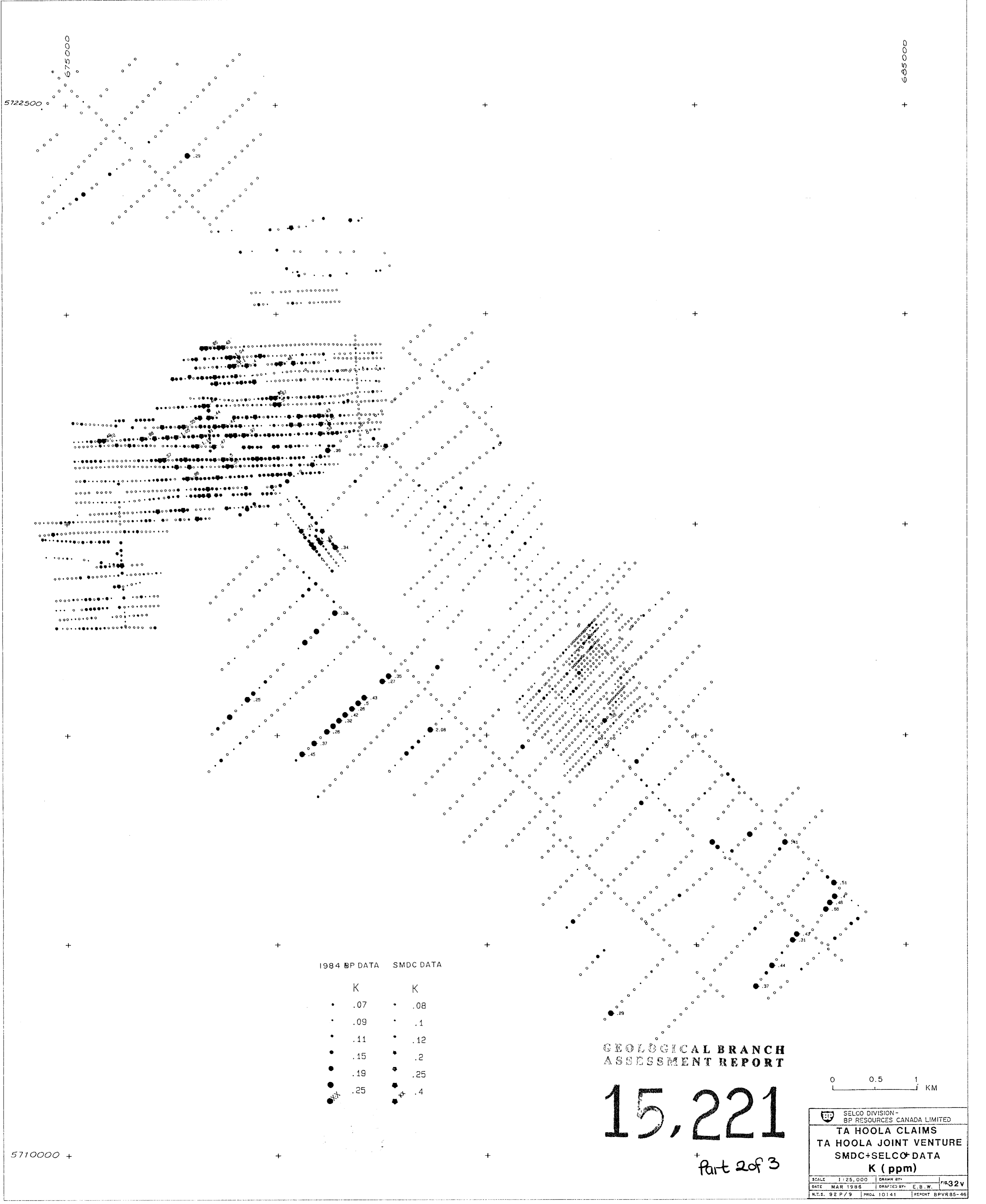
TEGICAL BRANCH
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Part 2 of 3



SELCO DIVISION - BP RESOURCES CANADA LIMITED	
TA HOOLA CLAIMS TA HOOLA JOINT VENTURE SMDC+SELCO DATA Sr (ppm)	
SCALE 1:25,000	DRAWN BY: E.B.W.
DATE MAR 1986	DRAFTED BY: E.B.W.
N.T.S. 92 P / 9	PHOL 10141
	REPORT BPVR85-46

5710000 +



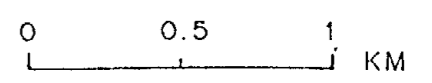
1984 BP DATA SMDC DATA

K	K
• .07	• .08
• .09	• .1
• .11	• .12
• .15	• .2
• .19	• .25
• .25	• .4

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ASSESSMENT REPORT

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SELCO DIVISION - BP RESOURCES CANADA LIMITED		
TA HOOLA CLAIMS TA HOOLA JOINT VENTURE SMDC+SELCO DATA K (ppm)		
SCALE 1:25,000	DRAWN BY	FIR32V
DATE MAR 1986	DRAFTED BY E.B.W.	
N.T.S. 92 P/9	PROJ 10141	REPORT BPVR85-46

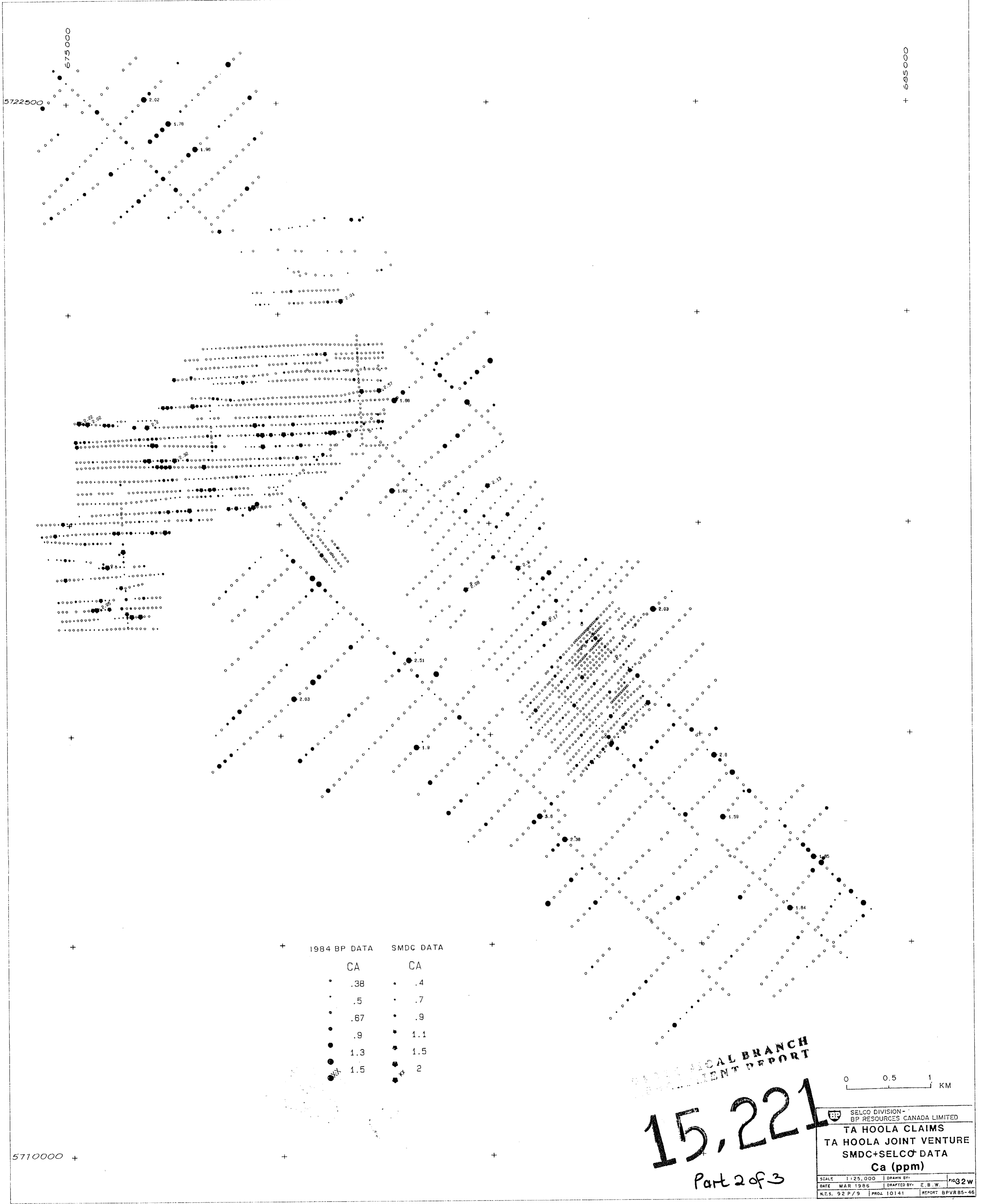
5710000 +

+ + +

+ + +

+ + +

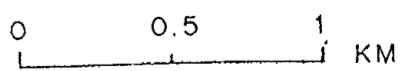
+ + +



1984 BP DATA	SMDC DATA
CA	CA
• .38	• .4
• .5	• .7
• .67	• .9
• .9	• 1.1
• 1.3	• 1.5
• 1.5	• 2

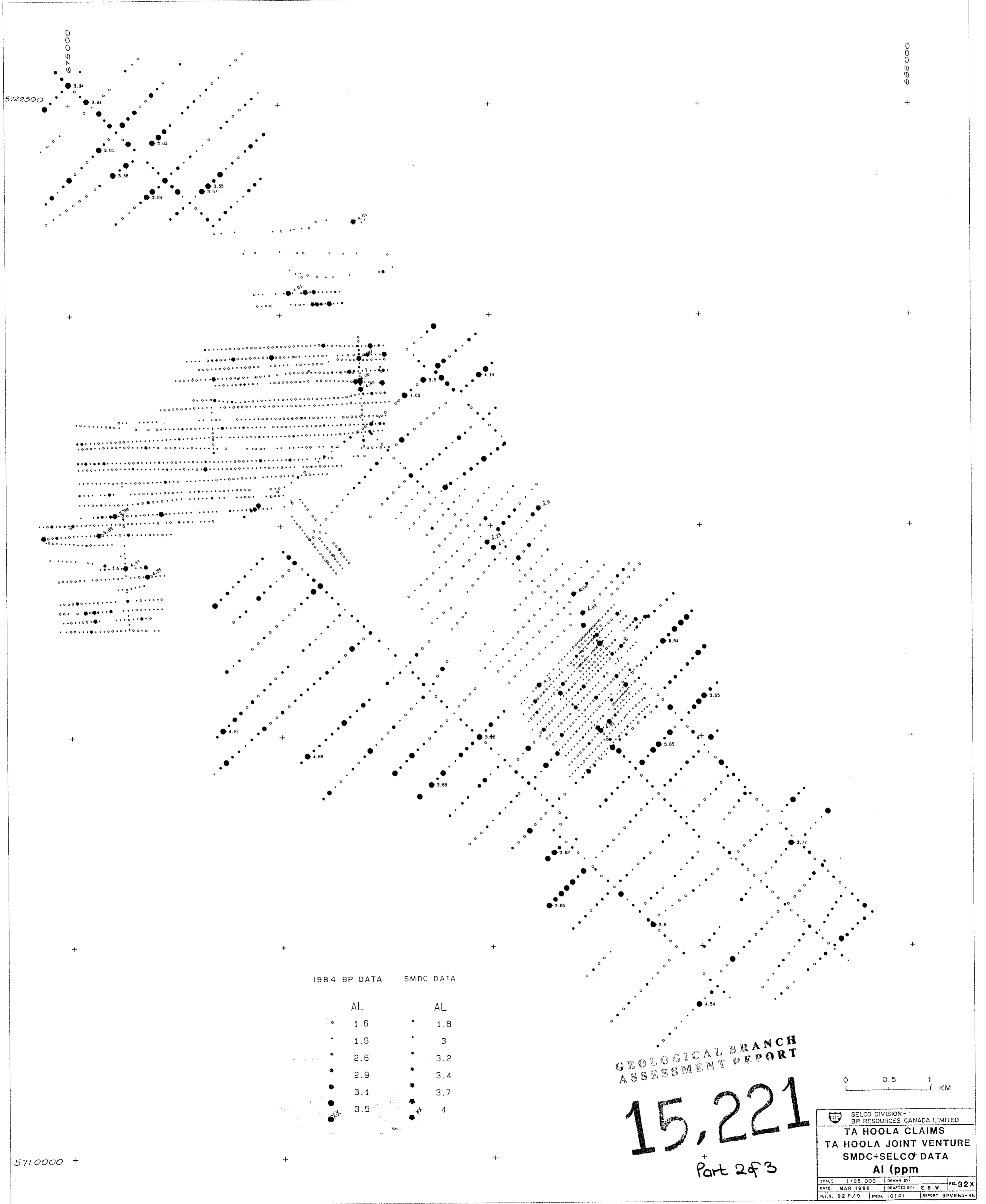
SELCO GEOLOGICAL BRANCH
 ENVIRONMENTAL REPORT

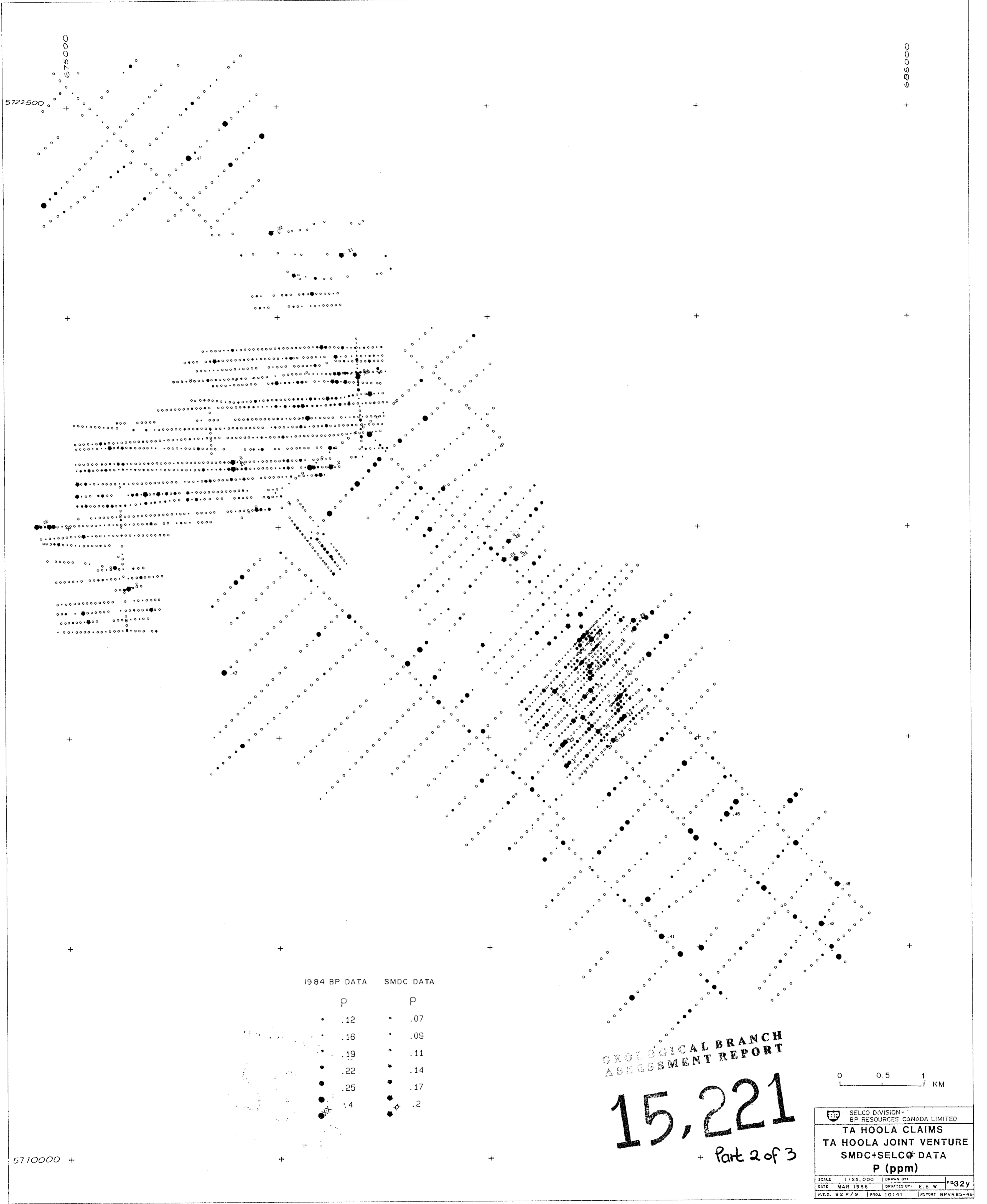
15,221
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SELCO DIVISION - BP RESOURCES CANADA LIMITED	
TA HOOLA CLAIMS TA HOOLA JOINT VENTURE SMDC+SELCO DATA Ca (ppm)	
SCALE 1:25,000	DRAWN BY: E.B.W.
DATE MAR 1986	DRAFTED BY: E.B.W.
N.T.S. 92 P/9	PROJ 10141
REPORT BPVR85-46	FIG 32W

5710000 +



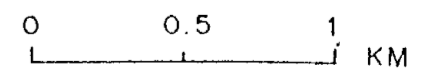


1984 BP DATA SMDC DATA

P	P
• .12	• .07
• .16	• .09
• .19	• .11
• .22	• .14
• .25	• .17
• .4	• .2

GEOLOGICAL BRANCH
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SELCO DIVISION - BP RESOURCES CANADA LIMITED			
TA HOOLA CLAIMS TA HOOLA JOINT VENTURE SMDC+SELCO DATA P (ppm)			
SCALE	1:25,000	DRAWN BY	
DATE	MAR 1986	DRAFTED BY	E. B. W.
N.T.S.	92 P / 9	PROJ.	10141
		REPORT	BPVR85-46

FIG 32y