

**LEGEND**

**ROCK TYPES**

- 1 Hornfels, predominantly siltstone, minor andesite, tuff variable chlorite, epidote, silica biotite alteration, trace to 10% pyrrhotite +/- pyrite, light-dark green, grey, brown
- 2 Siltstone/shale, black, locally weakly hornfelsed
- 3 Hornblende-Augite Porphyry, 1-10mm phenocrysts, locally with anhedral feldspar phenocrysts, in a grey-green aphanitic matrix. Variably hornfelsed, quartz-chlorite altered, trace to 2% disseminated pyrrhotite
- 3b light green, phenocrysts to 5mm in a matrix of 1-2mm anhedral feldspar grains and fine grained epidote-chlorite
- 4 Hornblende Porphyry Dyke, 1-2mm hornblende phenocrysts in a fine grained grey-green matrix, phenocrysts show a preferred orientation, weakly chlorite-epidote altered
- 5 Diorite-Quartz Diorite/Granodiorite, light to medium grey, equigranular, 1-2mm, feldspar-hornblende grains, - 5-10% hornblende, 90-95% feldspar, 0-5% quartz, commonly quartz-pyrrhotite +/- chlorite (sericite?) altered, trace to 5% pyrrhotite
- 6 Feldspar Porphyry - 2-3mm anhedral feldspar phenocrysts in a fine grained dark green chlorite matrix.
- 7 Fault Zone, schistose, intense chlorite clay alteration, 2-3% disseminated pyrite.
- 8 Quartz-Carbonate, brown to grey, highly weathered, 1-2% pyrite, 1-10% quartz and calcite veins and veinlets.
- 9 Stringer to Massive Sulphides, 5-80% pyrite, pyrrhotite and chalcopyrite in stringers, and semi-massive to massive bands ranging from 1 cm - 300 cm in thickness.

hf - hornfelsed  
chl - chlorite  
sl - silicification  
bi - biotite  
gyp - gypsum  
py - pyrite (trace to 1%)  
pe - pyrrhotite (trace to 1%)  
cpy - chalcopyrite  
q - quartz  
cc - calcite  
mot - mottled  
fr - fractured  
bl - bleached  
v - vein  
ch - cherty  
ep - epidote

ser - sericite  
hem - hematite  
bx - breccia  
ank - ankerite

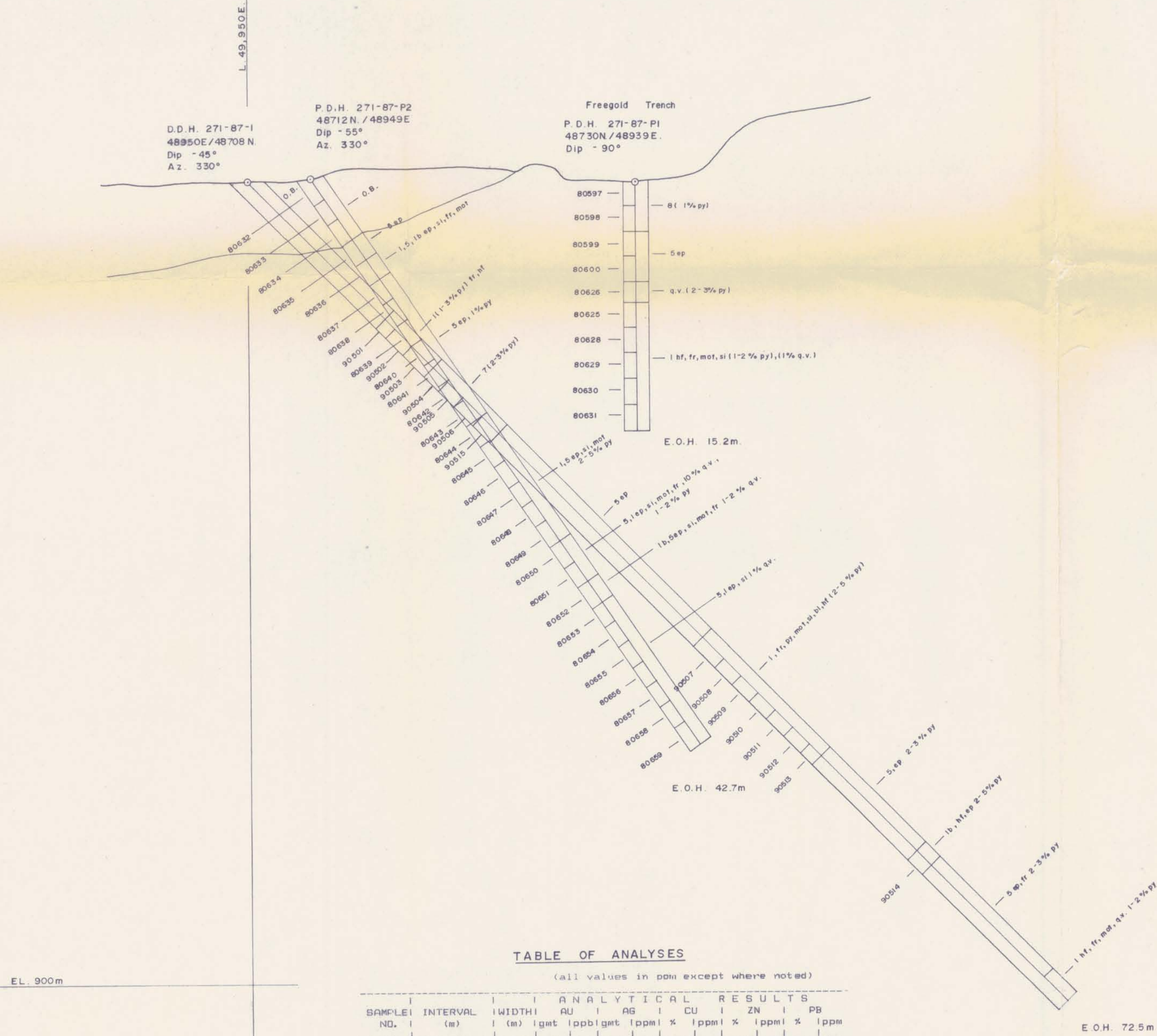
**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**16,763**

Part 1 of 2

0 5 10 15 metres  
SCALE: 1:200

REVISED	TAS PROJECT	
	VERTICAL SECTION LOOKING W. THROUGH D.D.H. 271-87-1	
PROJ. No. 271	SURVEY BY: G.M.	DATE: JULY, 1987
N.T.S. 93K/16	DRAWN BY: S.K.B.	SCALE: 1:200
DWG. No.	<b>NORANDA EXPLORATION</b>	
	OFFICE: PRINCE GEORGE, B.C.	



**TABLE OF ANALYSES**

(all values in ppm except where noted)

SAMPLE NO.	INTERVAL (m)	WIDTH (m)	ANALYTICAL RESULTS				
			AU (ppb)	AG (ppb)	CU (%)	ZN (%)	PB (ppm)
90501	12.2-13.1	0.9	10	0.1	450	44	6
90502	13.1-14.6	1.5	15	0.1	186	32	6
90503	14.6-16.5	1.9	15	0.1	108	34	12
90504	16.5-17.7	1.2	55	0.1	610	30	3
90505	17.7-19.2	1.5	60	0.4	2000	34	4
90506	19.2-20.7	1.5	10	0.2	340	40	2
90515	20.7-22.2	1.5	5	0.1	77	48	4
90507	40.2-42.1	1.9	1	0.1	154	34	9
90508	42.1-43.6	1.5	6	0.2	363	38	8
90509	43.6-45.1	1.5	7	0.1	228	39	12
90510	45.1-46.6	1.5	6	0.1	281	38	6
90511	46.6-48.2	1.6	4	0.1	332	49	8
90512	48.2-49.7	1.5	3	0.1	264	40	3
90513	49.7-50.6	0.9	6	0.1	380	45	6
90514	59.1-60.1	1.3	5	0.1	360	34	3

**LEGEND**

**ROCK TYPES**

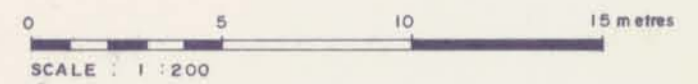
- 1 Hornfels, predominantly siltstone, minor andesite, tuff variable chlorite, epidote, silica biotite alteration, trace to 10% pyrrhotite +/- pyrite, light-dark green, grey, brown
- 2 Siltstone/shale, black, locally weakly hornfelsed
- 3 Hornblende-Augite Porphyry, 1-10mm phenocrysts, locally with anhedral feldspar phenocrysts, in a grey-green aphanitic matrix. Variably hornfelsed, quartz-chlorite altered, trace to 2% disseminated pyrrhotite
- 3b light green, phenocrysts to 5mm in a matrix of 1-2mm anhedral feldspar grains and fine grained epidote-chlorite
- 4 Hornblende Porphyry Dyke, 1-2mm hornblende phenocrysts in a fine grained grey-green matrix, phenocrysts show a preferred orientation, weakly chlorite-epidote altered
- 5 Diorite-Quartz Diorite/Granodiorite, light to medium grey, equigranular, 1-2mm, feldspar-hornblende grains, - 5-10% hornblende, 90-95% feldspar, 0-5% quartz, commonly quartz-pyrrhotite +/- chlorite (sericite?) altered, trace to 5% pyrrhotite
- 6 Feldspar Porphyry - 2-3mm anhedral feldspar phenocrysts in a fine grained dark green chlorite matrix.
- 7 Fault Zone, schistose, intense chlorite clay alteration, 2-3% disseminated pyrite.
- 8 Quartz-Carbonate, brown to grey, highly weathered, 1-2% pyrite, 1-10% quartz and calcite veins and veinlets.
- 9 Stringer to Massive Sulphides, 5-80% pyrite, pyrrhotite and chalcocopyrite in stringers, and semi-massive to massive bands ranging from 1 cm - 300 cm in thickness.

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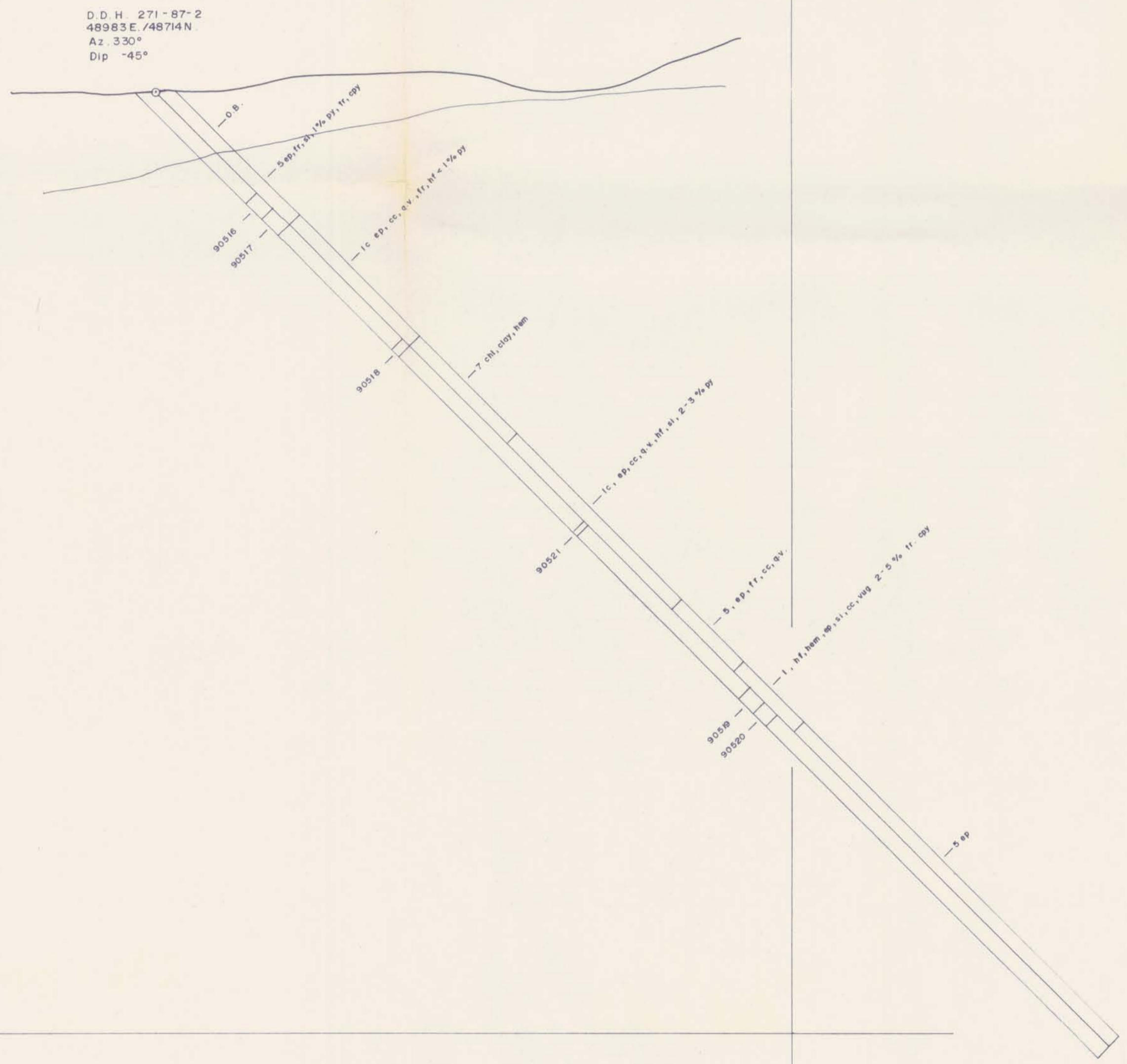
**GEOLOGICAL BRANCH ASSESSMENT REPORT**

**16,763**

Part 1 of 2



REVISED	<b>TAS PROJECT</b>	
	VERTICAL SECTION LOOKING W. THROUGH D.D.H. 271-87-2	
PROJ. No. 271	SURVEY BY: G.M.	DATE: JUNE, 1987
N.T.S. 93K/16	DRAWN BY: S.K.B.	SCALE: 1:200
DWG. No.	<b>NORANDA EXPLORATION</b>	
	OFFICE: PRINCE GEORGE, B.C.	



D.D.H. 271-87-2  
48983 E, 48714 N  
Az. 330°  
Dip -45°

**TABLE OF ANALYSES**

(all values in ppm except where noted)

SAMPLE NO.	INTERVAL (m)	WIDTH (m)	ANALYTICAL RESULTS									
			AU	AG	CU	ZN	PB	gmt	ppm	%	ppm	%
90516	7.6-8.8	1.2	45	0.2	49	34	3					
90517	8.8-10.1	1.3	45	0.1	200	48	4					
90518	18.6-19.2	0.6	30	0.1	330	27	7					
90521	32.3-32.6	0.3	40	0.1	58	30	3					
90519	44.8-46.0	1.2	22	0.1	245	35	6					
90520	46.0-46.9	0.9	49	0.1	358	21	9					

EL. 900m.

E.O.H. 71.9m.

# LEGEND

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## GEOLOGICAL BRANCH ASSESSMENT REPORT

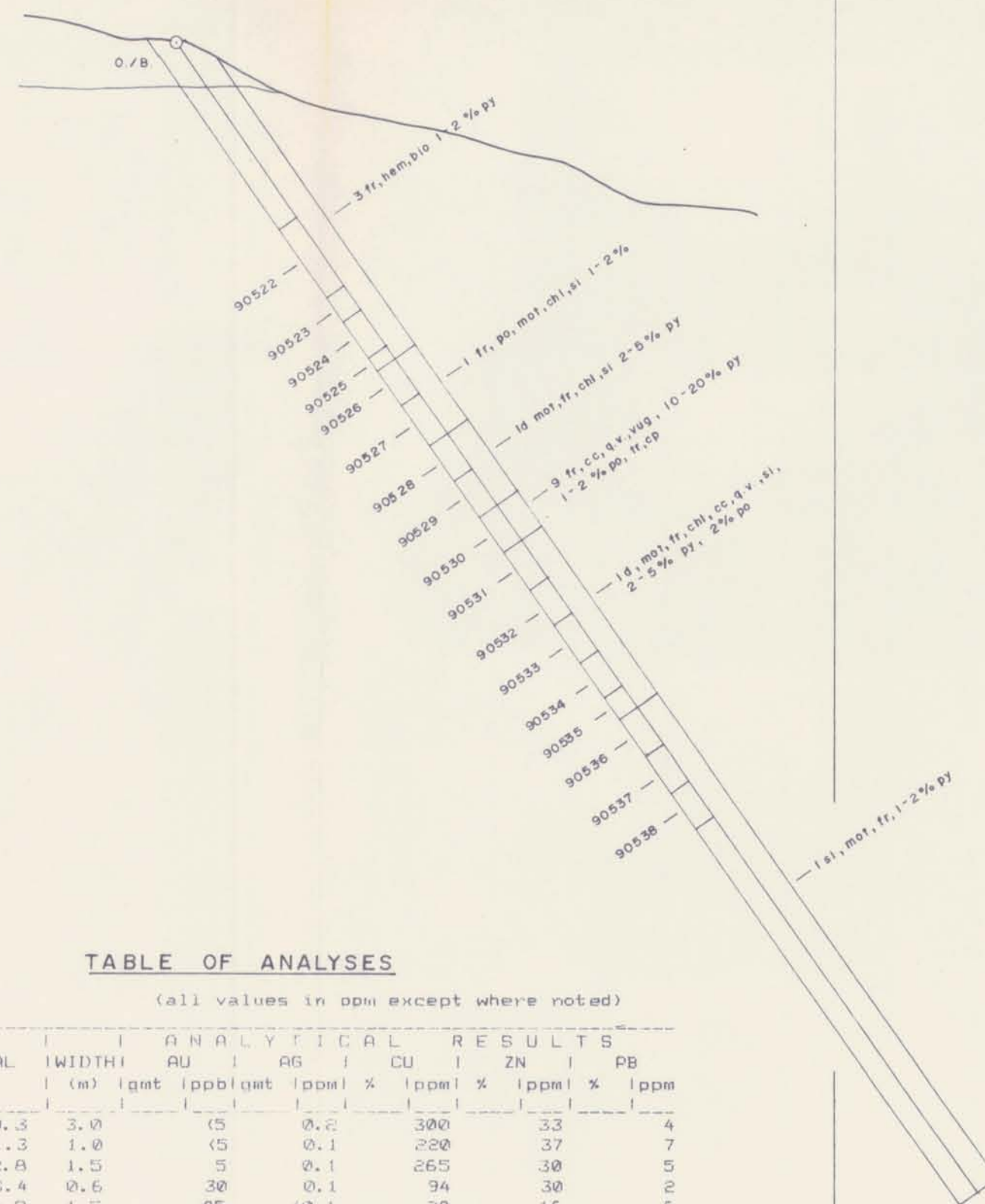
# 16,763

Part 1 of 2

0 5 10 15 metres  
SCALE: 1:200

REVISED	TAS PROJECT	
	VERTICAL SECTION LOOKING N. THROUGH D.D.H. 271-87-3	
PROJ. No. 271	SURVEY BY: G.M.	DATE: JUNE, 1987
N.T.S. 93K/16	DRAWN BY: S.K.B.	SCALE: 1:200
DWG. No.	<b>NORANDA EXPLORATION</b>	
	OFFICE: PRINCE GEORGE, B.C.	

D.D.H. 271-87-3  
48,975E / 48,976N.  
Dip = 55°  
Az. 100°



### TABLE OF ANALYSES

(all values in ppm except where noted)

SAMPLE NO.	INTERVAL (m)	WIDTH (m)	ANALYTICAL RESULTS								
			AU	AG	CU	ZN	PB	gmt	ppb	ppm	%
90522	7.3-10.3	3.0	5	0.2	300	33	4				
90523	10.3-11.3	1.0	5	0.1	220	37	7				
90524	11.3-12.8	1.5	5	0.1	265	30	5				
90525	12.8-13.4	0.6	30	0.1	94	30	2				
90526	13.4-14.9	1.5	85	0.1	28	16	6				
90527	14.9-16.5	1.6	110	0.1	42	18	2				
90528	16.5-18.0	1.5	70	0.1	56	24	6				
90529	18.0-19.5	1.5	190	0.1	48	25	6				
90530	19.5-21.0	1.5	220	0.3	760	30	2				
90531	21.0-22.6	1.5	170	0.1	128	16	2				
90532	22.6-24.1	1.5	40	0.1	41	16	2				
90533	24.1-25.6	1.5	30	0.1	102	19	2				
90534	25.6-27.1	1.5	150	0.1	80	16	2				
90535	27.1-28.0	0.9	15	0.1	69	19	3				
90536	28.0-29.6	1.6	15	0.3	445	24	2				
90537	29.6-31.1	1.5	10	0.1	240	26	2				
90538	31.1-32.6	1.5	10	0.1	49	18	2				

EL 1000m

E.O.H. 48.5m.

L 50,000E

# LEGEND

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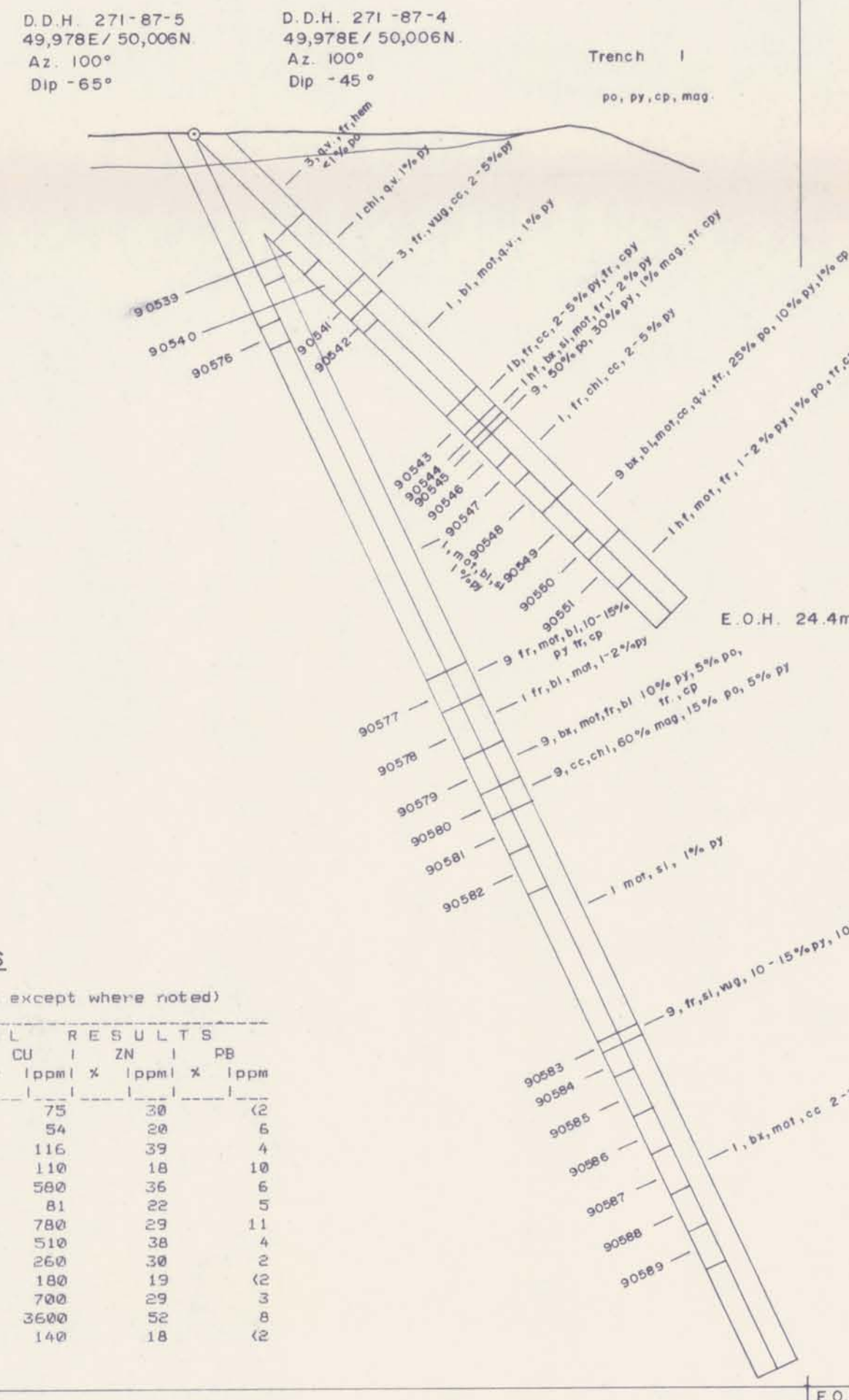
## GEOLOGICAL BRANCH ASSESSMENT REPORT

# 16,763

Part 1 of 2

0 5 10 15 metres  
SCALE: 1:200

REVISED	TAS PROJECT	
	VERTICAL SECTION LOOKING N. THROUGH D.D.H. 271-87-4, 5	
PROJ. No. 271	SURVEY BY: G.M.	DATE: JUNE, 1987
N.T.S. 93 K/16	DRAWN BY: S.K.B.	SCALE: 1:200
DWG. No.	NORANDA EXPLORATION	
	OFFICE: PRINCE GEORGE, B.C.	



### TABLE OF ANALYSES

(all values in ppm except where noted)

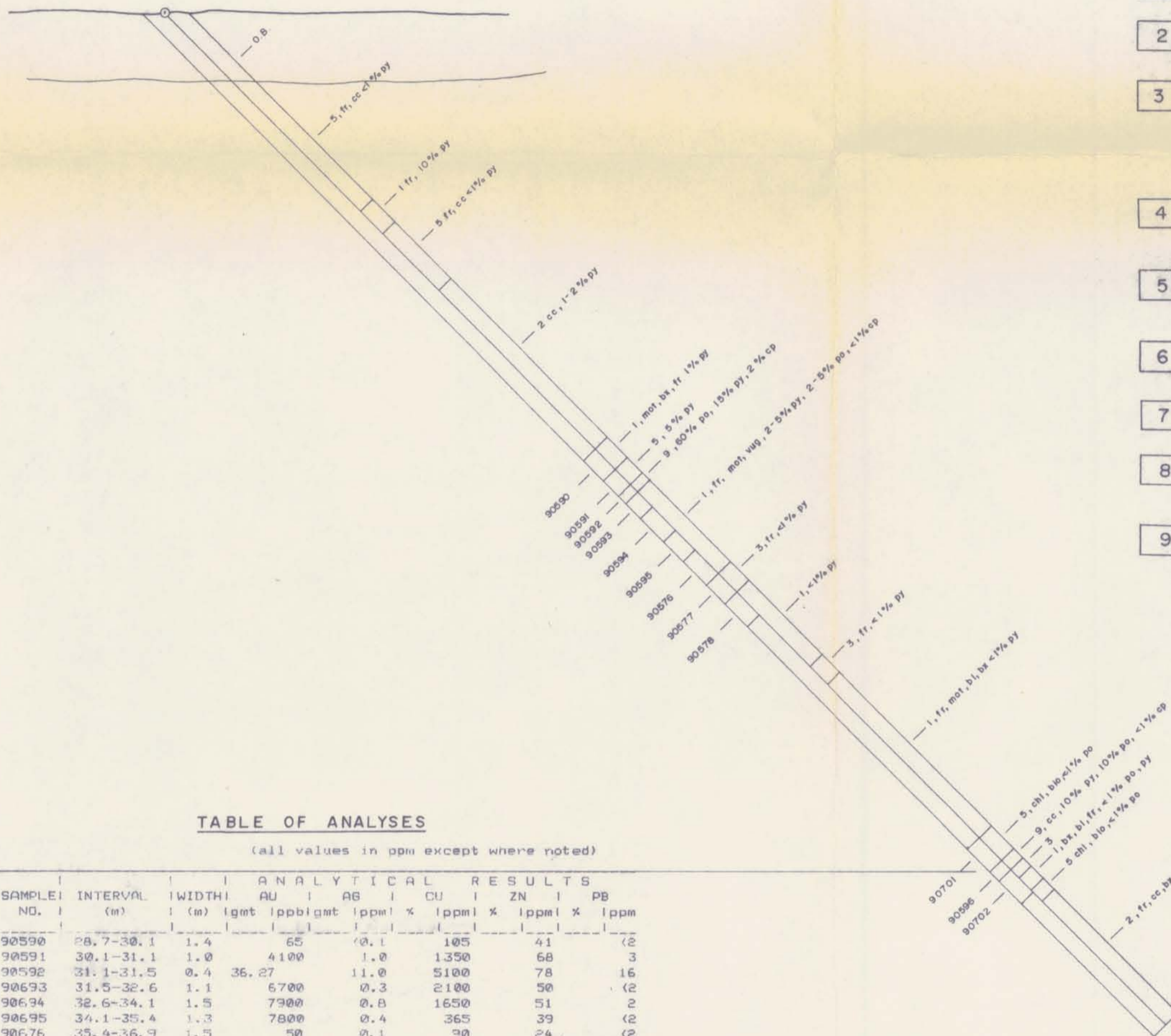
SAMPLE NO.	INTERVAL (m)	WIDTH (m)	ANALYTICAL RESULTS							
			gmt	ppb	gmt	ppm	%	ppm	%	ppm
90539	4.9-6.4	1.5	5	0.1	75	30	2			
90540	6.4-7.9	1.3	35	0.1	54	20	6			
90541	7.9-8.8	0.9	50	0.1	116	39	4			
90542	8.8-9.4	0.6	200	0.1	110	18	10			
90543	13.7-14.6	0.9	900	0.1	580	36	6			
90544	14.6-14.9	0.3	190	0.1	81	22	5			
90545	14.9-15.2	0.3	6200	1.3	780	29	11			
90546	15.2-16.2	1.0	440	0.1	510	38	4			
90547	16.2-17.1	0.9	260	0.1	260	30	2			
90548	17.1-18.6	1.5	660	0.2	180	19	12			
90549	18.6-20.1	1.5	400	0.1	700	29	3			
90550	20.1-21.0	0.9	8.81	3.0	3600	52	8			
90551	21.0-22.3	1.3	360	0.1	140	18	12			

(all values in ppm except where noted)

SAMPLE NO.	INTERVAL (m)	WIDTH (m)	ANALYTICAL RESULTS							
			gmt	ppb	gmt	ppm	%	ppm	%	ppm
90576	7.3-8.2	0.9	10	0.1	168	40	2			
90577	21.3-22.6	1.3	7000	0.8	670	49	12			
90578	22.5-24.4	1.8	240	0.1	65	20	12			
90579	24.4-25.9	1.5	3900	0.6	760	35	2			
90580	25.9-26.8	0.9	6300	0.9	575	23	4			
90581	26.8-28.3	1.5	1300	0.3	1050	40	2			
90582	28.3-29.9	1.6	75	0.2	75	36	2			
90583	35.7-36.1	0.4	7700	1.1	5000	44	5			
90584	36.1-37.2	1.1	55	0.1	168	28	12			
90585	37.2-38.7	1.5	30	0.1	100	20	12			
90586	38.7-40.2	1.5	15	0.1	120	21	12			
90587	40.2-41.8	1.6	400	0.1	105	20	12			
90588	41.8-43.3	1.5	200	0.1	93	19	12			
90589	43.3-44.8	1.5	45	0.1	150	26	2			

L. 49, 950E

D.D.H. 271-87-6  
49,968 E / 50,040 N.  
Az. 95°  
Dip - 45°



**LEGEND**

**ROCK TYPES**

- 1 Hornfels, predominantly siltstone, minor andesite, tuff variable chlorite, epidote, silica biotite alteration, trace to 10% pyrrhotite +/- pyrite, light-dark green, grey, brown
- 2 Siltstone/shale, black, locally weakly hornfelsed
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- 3b light green, phenocrysts to 5mm in a matrix of 1-2mm anhedral feldspar grains and fine grained epidote-chlorite
- 4 Hornblende Porphyry Dyke, 1-2mm hornblende phenocrysts in a fine grained grey-green matrix, phenocrysts show a preferred orientation, weakly chlorite-epidote altered
- 5 Diorite-Quartz Diorite/Granodiorite, light to medium grey, equigranular, 1-2mm, feldspar-hornblende grains, - 5-10% hornblende, 90-95% feldspar, 0-5% quartz, commonly quartz-pyrrhotite +/- chlorite (sericite?) altered, trace to 5% pyrrhotite
- 6 Feldspar Porphyry - 2-3mm anhedral feldspar phenocrysts in a fine grained dark green chlorite matrix.
- 7 Fault Zone, schistose, intense chlorite clay alteration, 2-3% disseminated pyrite.
- 8 Quartz-Carbonate, brown to grey, highly weathered, 1-2% pyrite, 1-10% quartz and calcite veins and veinlets.
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			AU	AG	CU	ZN	PB	gmt	ppb	ppm	%	ppm	%	ppm
90590	28.7-30.1	1.4		65	0.1	105	41	2						
90591	30.1-31.1	1.0		4100	1.0	1350	68	3						
90592	31.1-31.5	0.4	36.27		11.0	5100	78	16						
90693	31.5-32.6	1.1		6700	0.3	2100	50	2						
90694	32.6-34.1	1.5		7900	0.8	1650	51	2						
90695	34.1-35.4	1.3		7800	0.4	365	39	2						
90676	35.4-36.9	1.5		50	0.1	90	24	2						
90677	36.9-38.1	1.2		130	0.2	105	30	2						
90678	38.1-43.0	1.5		25	0.1	27	18	2						
90701	54.3-55.8	1.5		20	0.1	130	14	3						
90596	55.8-56.4	0.6	15.53		1.2	1700	45	4						
90702	56.4-57.9	1.5		40	0.2	125	23	6						

EL. 1000m.

**GEOLOGICAL BRANCH ASSESSMENT REPORT**

**16,763**

Part 1 of 2

E.O.H. 66.8m



REVISED	<b>TAS PROJECT</b>	
	VERTICAL SECTION LOOKING N. THROUGH D.D.H. 271-87-6	
PROJ. No. 271	SURVEY BY: G.M.	DATE: JUNE 1987
N.T.S. 93K/19	DRAWN BY: S.K.B.	SCALE: 1:200
DWG. No.	<b>NORANDA EXPLORATION</b>	
	OFFICE: PRINCE GEORGE, B.C.	

D.D.H. 271-87-8  
 49,968 N., 49,700 E.  
 Dip - 45°  
 Az. 120°

**LEGEND**

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 cpy - chalcopyrite  
 q - quartz  
 cc - calcite  
 mot - mottled  
 fr - fractured  
 bl - bleached  
 v - vein  
 ch - cherty  
 ep - epidote

ser - sericite  
 hem - hematite  
 bx - breccia  
 ank - ankerite

**GEOLOGICAL BRANCH ASSESSMENT REPORT**

**16,763**  
 Part 1 of 2



REVISED	<b>TAS PROJECT</b>	
	VERTICAL SECTION LOOKING N. THROUGH D.D.H. 271-87-8	
PROJ. No. 271	SURVEY BY: G.M.	DATE: JUNE, 1987
N.T.S. 93K/16	DRAWN BY: S.K.B.	SCALE: 1:200
DWG. No.	<b>NORANDA EXPLORATION</b>	
	OFFICE: PRINCE GEORGE, B.C.	

**TABLE OF ANALYSES**

(All values in ppm except where noted)

SAMPLE NO.	INTERVAL (m)	WIDTH (m)	ANALYTICAL RESULTS							
			gmt	ppb	gmt	ppm	%	ppm	%	ppm
90621	8.2-9.4	1.2	130	0.4		810		41		5
90622	10.5-10.8	0.3	600	0.8		1320		44		10
90623	14.0-15.5	1.5	190	0.1		320		31		5
90624	54.3-55.5	1.2	000	0.1		40		13		2
90625	55.5-57.0	1.5	120	0.1		255		18		3
90626	57.6-58.8	1.2	50	0.1		25		9		2
90627	58.8-60.0	1.2	100	0.1		132		13		12
90628	60.0-61.0	1.0	280	0.2		700		22		3
90629	67.4-68.7	1.3	520	0.4		1150		37		4
90630	69.8-70.7	0.9	10	0.1		147		17		2
90631	70.7-71.0	0.3	170	0.1		2600		97		6
90632	71.0-72.2	1.2	35	0.1		235		28		3
90635	77.4-78.5	1.2	5	0.1		94		16		3
90636	78.6-79.9	1.3	30	0.1		335		19		4
90637	79.9-81.4	1.5	10	0.1		190		16		3
90638	81.4-82.6	1.2	25	0.1		275		12		2
90639	82.6-82.9	0.3	1650	0.3		680		24		4
90640	82.9-84.4	1.5	80	0.2		580		30		2
90641	84.4-85.5	1.2	800	0.4		810		37		3
90642	86.9-87.2	0.3	1350	0.4		160		14		7

L 49,700E

936m. E.O.H.

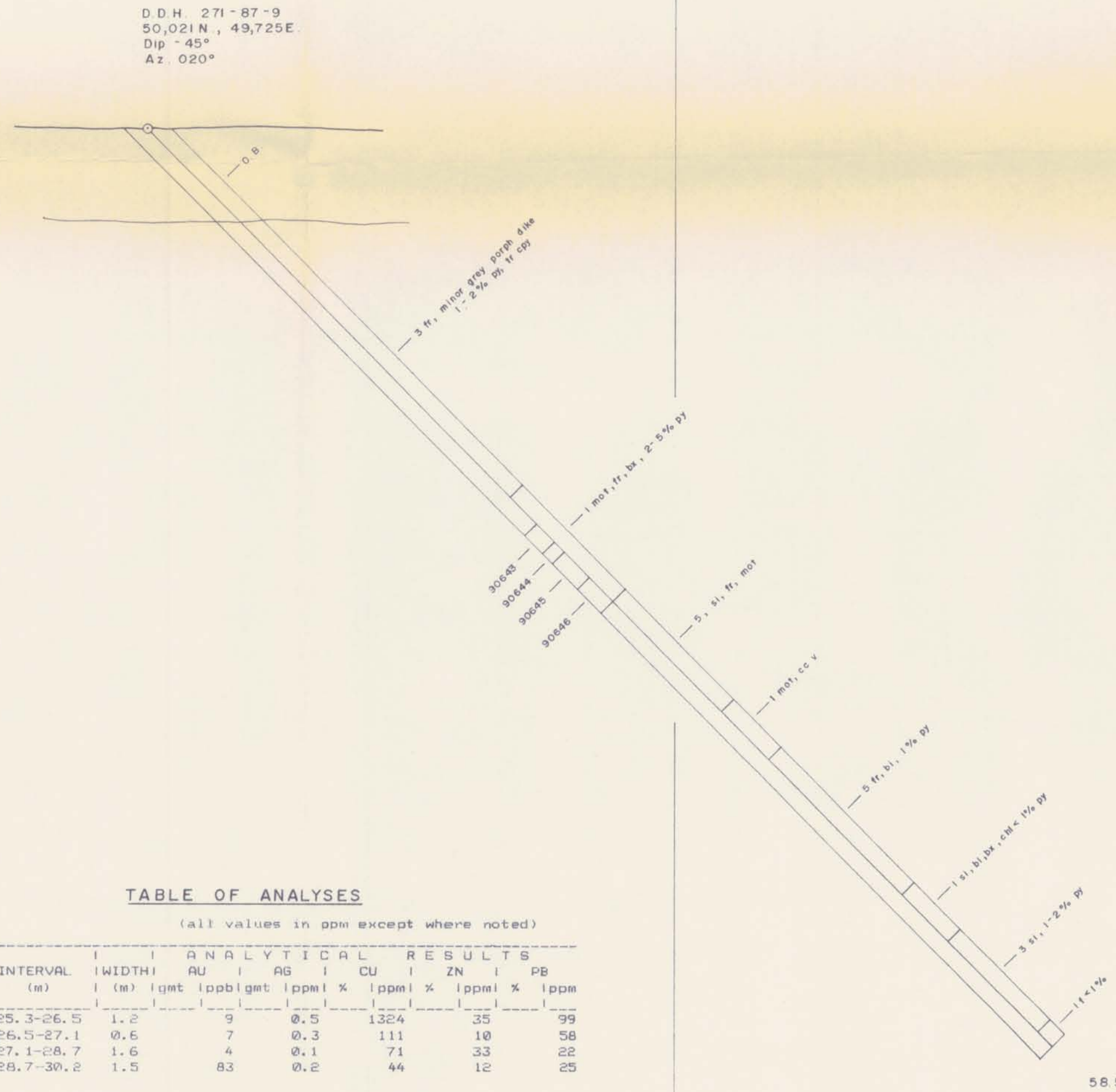
**LEGEND**

**ROCK TYPES**

- 1 Hornfels, predominantly siltstone, minor andesite, tuff variable chlorite, epidote, silica biotite alteration, trace to 10% pyrrhotite +/- pyrite, light-dark green, grey, brown
- 2 Siltstone/shale, black, locally weakly hornfelsed
- 3 Hornblende-Augite Porphyry, 1-10mm phenocrysts, locally with anhedral feldspar phenocrysts, in a grey-green aphanitic matrix. Variably hornfelsed, quartz-chlorite altered, trace to 2% disseminated pyrrhotite
- 3b light green, phenocrysts to 5mm in a matrix of 1-2mm anhedral feldspar grains and fine grained epidote-chlorite
- 4 Hornblende Porphyry Dyke, 1-2mm hornblende phenocrysts in a fine grained grey-green matrix, phenocrysts show a preferred orientation, weakly chlorite-epidote altered
- 5 Diorite-Quartz Diorite/Granodiorite, light to medium grey, equigranular, 1-2mm, feldspar-hornblende grains, - 5-10% hornblende, 90-95% feldspar, 0-5% quartz, commonly quartz-pyrrhotite +/- chlorite (sericite?) altered, trace to 5% pyrrhotite
- 6 Feldspar Porphyry - 2-3mm anhedral feldspar phenocrysts in a fine grained dark green chlorite matrix.
- 7 Fault Zone, schistose, intense chlorite clay alteration, 2-3% disseminated pyrite.
- 8 Quartz-Carbonate, brown to grey, highly weathered, 1-2% pyrite, 1-10% quartz and calcite veins and veinlets.
- 9 Stringer to Massive Sulphides, 5-80% pyrite, pyrrhotite and chalcocopyrite in stringers, and semi-massive to massive bands ranging from 1 cm - 300 cm in thickness.

hf - hornfelsed  
chl - chlorite  
sil - silicification  
bi - biotite  
gyp - gypsum  
py - pyrite (trace to 1%)  
po - pyrrhotite (trace to 1%)  
cpy - chalcocopyrite  
q - quartz  
cc - calcite  
mot - mottled  
fr - fractured  
bl - bleached  
v - vein  
ch - cherty  
ep - epidote

ser - sericite  
hem - hematite  
bx - breccia  
ank - ankerite



**TABLE OF ANALYSES**

(all values in ppm except where noted)

SAMPLE NO.	INTERVAL (m)	WIDTH (m)	ANALYTICAL RESULTS							
			AU (gmt)	AG (ppb)	CU (%)	ZN (%)	PB (ppm)	...	...	...
90643	25.3-26.5	1.2	9	0.5	1324	35	99			
90644	26.5-27.1	0.6	7	0.3	111	10	58			
90645	27.1-28.7	1.6	4	0.1	71	33	22			
90646	28.7-30.2	1.5	83	0.2	44	12	25			

**GEOLOGICAL BRANCH ASSESSMENT REPORT**

**16,763**

Part 1 of 2



REVISED	<b>TAS PROJECT</b>	
	VERTICAL SECTION LOOKING N. THROUGH D.D.H. 271-87-9	
PROJ. No. 271	SURVEY BY: G.M.	DATE: JUNE, 1987
N.T.S. 93K/16	DRAWN BY: S.K.B.	SCALE: 1:200
DWG. No.	<b>NORANDA EXPLORATION</b>	
	OFFICE: PRINCE GEORGE, B.C.	

D.D.H. 271-87-10  
50,021N, 49,725E.  
Az 120°  
Dip -45°

L 49,750 E

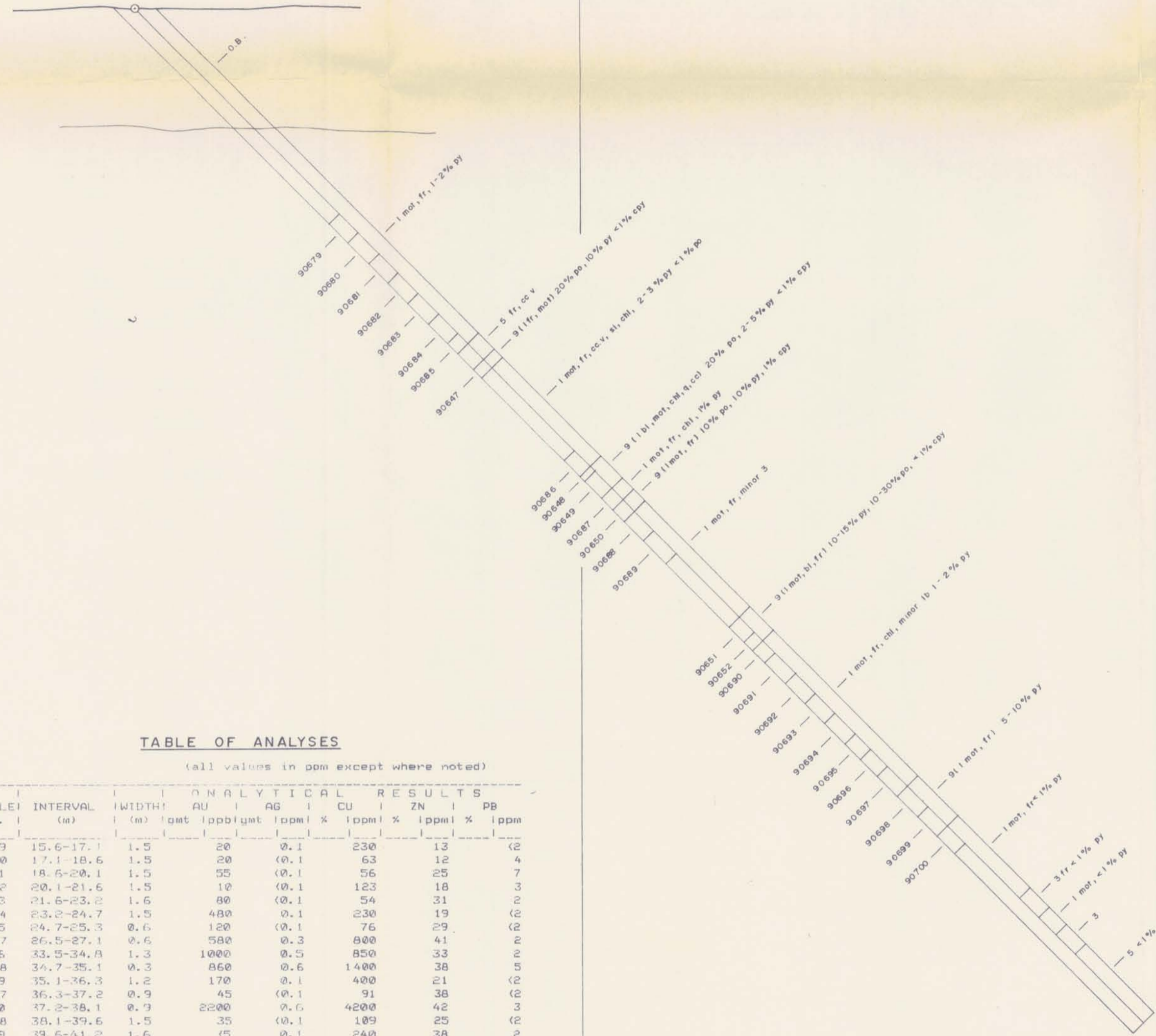


TABLE OF ANALYSES

(all values in ppm except where noted)

SAMPLE NO.	INTERVAL (m)	WIDTH (m)	ANALYTICAL RESULTS						
			AU	AG	CU	ZN	PB		
90679	15.6-17.1	1.5	20	0.1	230	13	2		
90680	17.1-18.6	1.5	20	0.1	63	12	4		
90681	18.6-20.1	1.5	55	0.1	56	25	7		
90682	20.1-21.6	1.5	10	0.1	123	18	3		
90683	21.6-23.2	1.6	80	0.1	54	31	2		
90684	23.2-24.7	1.5	480	0.1	230	19	2		
90685	24.7-25.3	0.6	120	0.1	76	29	2		
90647	26.5-27.1	0.6	580	0.3	800	41	2		
90686	33.5-34.8	1.3	1000	0.5	850	33	2		
90648	34.7-35.1	0.3	860	0.6	1400	38	5		
90649	35.1-36.3	1.2	170	0.1	400	21	2		
90687	36.3-37.2	0.9	45	0.1	91	38	2		
90650	37.2-38.1	0.9	2200	0.6	4200	42	3		
90688	38.1-39.6	1.5	35	0.1	109	25	2		
90689	39.6-41.2	1.6	45	0.1	240	38	2		
90651	46.0-47.2	1.2	140	0.1	420	38	2		
90652	47.2-47.9	0.7	11.69	1.8	1300	38	2		
90690	47.9-48.8	0.9	520	0.1	193	35	2		
90691	48.8-50.3	1.5	45	0.1	76	27	6		
90692	50.3-51.8	1.5	5	0.1	86	27	2		
90693	51.8-53.3	1.5	40	0.1	104	25	2		
90694	53.3-54.9	1.6	20	0.3	109	23	2		
90695	54.9-56.1	1.2	85	0.1	125	33	2		
90696	56.1-57.3	1.2	480	0.1	260	33	2		
90697	57.3-58.8	1.5	120	0.1	220	43	3		
90698	58.8-60.4	1.6	600	0.2	460	29	2		
90699	60.4-61.9	1.5	4500	0.7	740	29	2		
90700	61.9-63.1	1.2	15	0.1	200	22	2		

76.8 m E.O.H.

LEGEND

ROCK TYPES

- 1 Hornfels, predominantly siltstone, minor andesite, tuff variable chlorite, epidote, silica biotite alteration, trace to 10% pyrrhotite +/- pyrite, light-dark green, grey, brown
- 2 Siltstone/shale, black, locally weakly hornfelsed
- 3 Hornblende-Augite Porphyry, 1-10mm phenocrysts, locally with anhedral feldspar phenocrysts, in a grey-green aphanitic matrix. Variably hornfelsed, quartz-chlorite altered, trace to 2% disseminated pyrrhotite
- 3b light green, phenocrysts to 5mm in a matrix of 1-2mm anhedral feldspar grains and fine grained epidote-chlorite
- 4 Hornblende Porphyry Dyke, 1-2mm hornblende phenocrysts in a fine grained grey-green matrix, phenocrysts show a preferred orientation, weakly chlorite-epidote altered
- 5 Diorite-Quartz Diorite/Granodiorite, light to medium grey, equigranular, 1-2mm, feldspar-hornblende grains, - 5-10% hornblende, 90-95% feldspar, 0-5% quartz, commonly quartz-pyrrhotite +/- chlorite (sericite?) altered, trace to 5% pyrrhotite
- 6 Feldspar Porphyry - 2-3mm anhedral feldspar phenocrysts in a fine grained dark green chlorite matrix.
- 7 Fault Zone, schistose, intense chlorite clay alteration, 2-3% disseminated pyrite.
- 8 Quartz-Carbonate, brown to grey, highly weathered, 1-2% pyrite, 1-10% quartz and calcite veins and veinlets.
- 9 Stringer to Massive Sulphides, 5-80% pyrite, pyrrhotite and chalcocopyrite in stringers, and semi-massive to massive bands ranging from 1 cm - 300 cm in thickness.

hf - hornfelsed  
chl - chlorite  
sl - silicification  
bi - biotite  
gyp - gypsum  
py - pyrite (trace to 1%)  
po - pyrrhotite (trace to 1%)  
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q - quartz  
cc - calcite  
mot - mottled  
fr - fractured  
bl - bleached  
v - vein  
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ep - epidote

ser - sericite  
hem - hematite  
bx - breccia  
ank - ankerite

GEOLOGICAL BRANCH ASSESSMENT REPORT

16,763  
Part 1 of 2

0 5 10 15 metres  
SCALE: 1:200

REVISED	TAS PROJECT	
	VERTICAL SECTION LOOKING N. THROUGH D.D.H. 271-87-10	
PROJ. No. 271	SURVEY BY: S.M.	DATE: JUNE, 1987
N.T.S. 93K/16	DRAWN BY: S.K.B.	SCALE: 1:200
DWG. No.	NORANDA EXPLORATION	
	OFFICE: PRINCE GEORGE, B.C.	



D. D. H. 271-87-11  
 50,060 N., 49,942 E.  
 Dip - 45°  
 Az 90°

L 49,950 E.

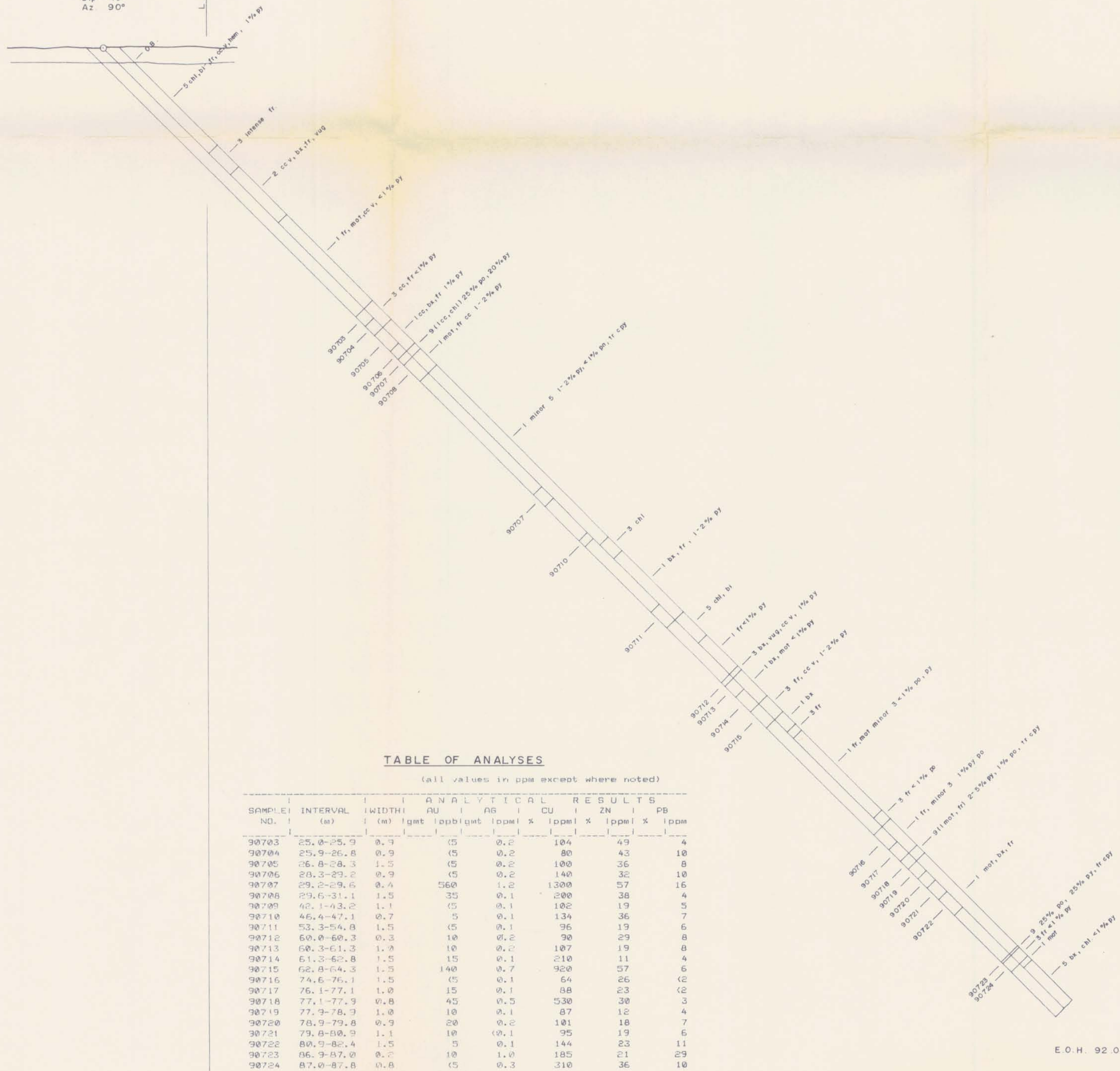


TABLE OF ANALYSES

(all values in ppm except where noted)

SAMPLE NO.	INTERVAL (m)	WIDTH (m)	ANALYTICAL RESULTS								
			AU	AG	CU	ZN	PB	gmt	ppb/gmt	ppm	%
90703	25.0-25.9	0.9	(5)	0.2	104	49	4				
90704	25.9-26.8	0.9	(5)	0.2	80	43	10				
90705	26.8-28.3	1.5	(5)	0.2	100	36	8				
90706	28.3-29.2	0.9	(5)	0.2	140	32	10				
90707	29.2-29.6	0.4	560	1.2	1300	57	16				
90708	29.6-31.1	1.5	35	0.1	200	38	4				
90709	42.1-43.2	1.1	(5)	0.1	102	19	5				
90710	46.4-47.1	0.7	5	0.1	134	36	7				
90711	53.3-54.8	1.5	(5)	0.1	96	19	6				
90712	60.0-60.3	0.3	10	0.2	90	29	8				
90713	60.3-61.3	1.0	10	0.2	107	19	8				
90714	61.3-62.8	1.5	15	0.1	210	11	4				
90715	62.8-64.3	1.5	140	0.7	920	57	6				
90716	74.6-76.1	1.5	(5)	0.1	64	26	(2)				
90717	76.1-77.1	1.0	15	0.1	88	23	(2)				
90718	77.1-77.9	0.8	45	0.5	530	30	3				
90719	77.9-78.9	1.0	10	0.1	87	12	4				
90720	78.9-79.8	0.9	20	0.2	101	18	7				
90721	79.8-80.9	1.1	10	(0.1)	95	19	6				
90722	80.9-82.4	1.5	5	0.1	144	23	11				
90723	86.9-87.0	0.2	10	1.0	185	21	29				
90724	87.0-87.8	0.8	(5)	0.3	310	36	10				

LEGEND

ROCK TYPES

- 1 Hornfels, predominantly siltstone, minor andesite, tuff variable chlorite, epidote, silica biotite alteration, trace to 10% pyrrhotite +/- pyrite, light-dark green, grey, brown
- 2 Siltstone/shale, black, locally weakly hornfelsed
- 3 Hornblende-Augite Porphyry, 1-10mm phenocrysts, locally with anhedral feldspar phenocrysts, in a grey-green aphanitic matrix. Variably hornfelsed, quartz-chlorite altered, trace to 2% disseminated pyrrhotite
- 3b light green, phenocrysts to 5mm in a matrix of 1-2mm anhedral feldspar grains and fine grained epidote-chlorite
- 4 Hornblende Porphyry Dyke, 1-2mm hornblende phenocrysts in a fine grained grey-green matrix, phenocrysts show a preferred orientation, weakly chlorite-epidote altered
- 5 Diorite-Quartz Diorite/Granodiorite, light to medium grey, equigranular, 1-2mm, feldspar-hornblende grains, - 5-10% hornblende, 90-95% feldspar, 0-5% quartz, commonly quartz-pyrrhotite +/- chlorite (sericite?) altered, trace to 5% pyrrhotite
- 6 Feldspar Porphyry - 2-3mm anhedral feldspar phenocrysts in a fine grained dark green chlorite matrix.
- 7 Fault Zone, schistose, intense chlorite clay alteration, 2-3% disseminated pyrite.
- 8 Quartz-Carbonate, brown to grey, highly weathered, 1-2% pyrite, 1-10% quartz and calcite veins and veinlets.
- 9 Stringer to Massive Sulphides, 5-80% pyrite, pyrrhotite and chalcopyrite in stringers, and semi-massive to massive bands ranging from 1 cm - 300 cm in thickness.

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GEOLOGICAL BRANCH ASSESSMENT REPORT

16,763

Part 1072

0 5 10 15 metres  
 SCALE: 1:200

REVISED	TAS PROJECT	
	VERTICAL SECTION LOOKING N. THROUGH D.D.H. 271-87-11	
PROJ. No. 271	SURVEY BY: G.M.	DATE: JUNE, 1987
N.T.S. 93K/16	DRAWN BY: S.K.B.	SCALE: 1:200
DWG. No.	NORANDA EXPLORATION	
	OFFICE: PRINCE	GEOLOGICAL BRANCH

E. O. H. 92.0 m.

L 49,900E

D.D.H. 271-87-12  
49,984N, 49,905E.  
Dip - 45°  
Az. 110°

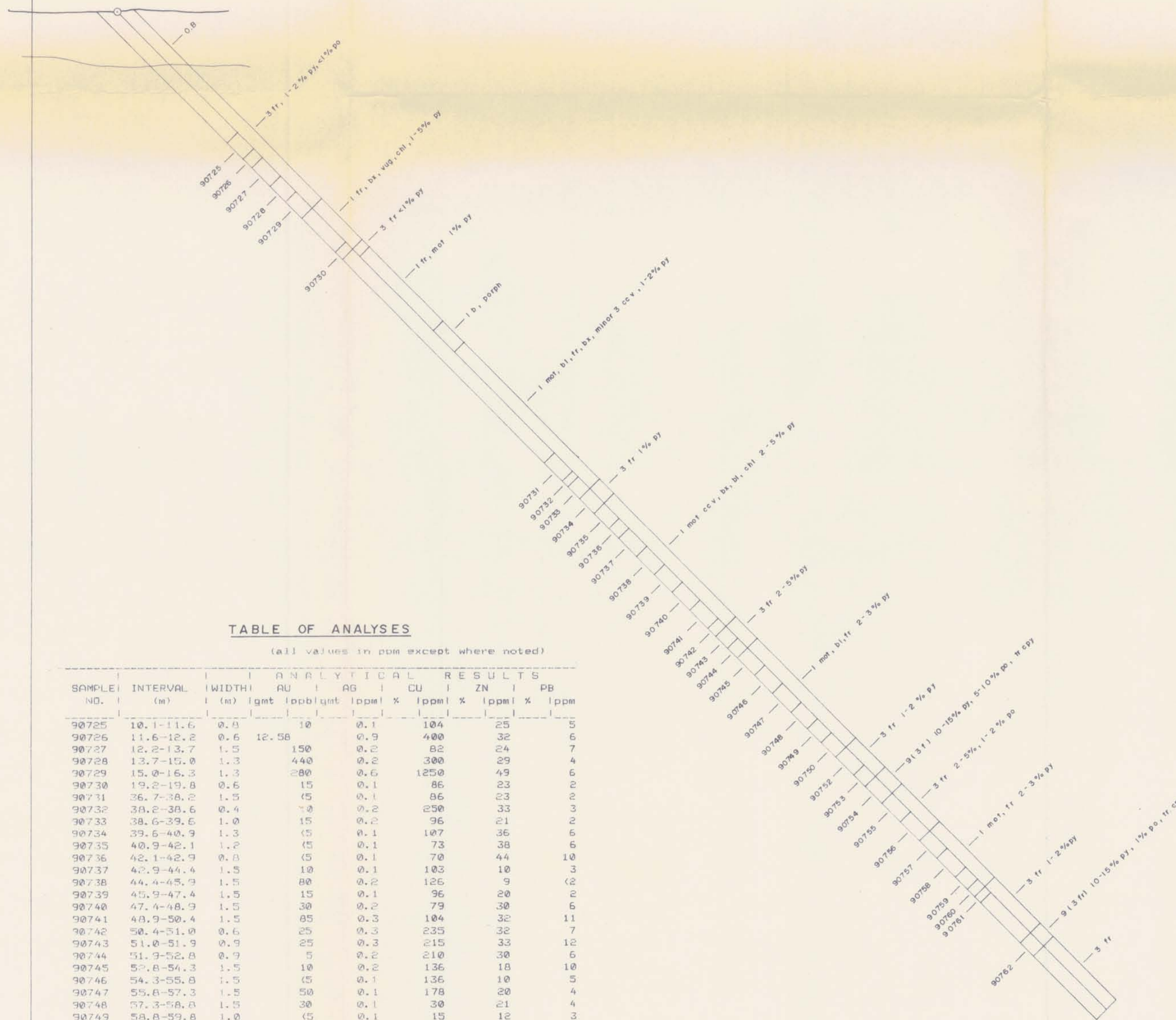


TABLE OF ANALYSES

(all values in ppm except where noted)

SAMPLE NO.	INTERVAL (m)	WIDTH (m)	ANALYTICAL RESULTS								
			AU	AG	CU	ZN	PB				
			gmt	ppb	ppm	%	ppm	%	ppm	%	ppm
90725	10.1-11.6	0.8	10	0.1	104	25	5				
90726	11.6-12.2	0.6	12.58	0.9	400	32	6				
90727	12.2-13.7	1.5	150	0.2	82	24	7				
90728	13.7-15.0	1.3	440	0.2	300	29	4				
90729	15.0-16.3	1.3	280	0.6	1250	49	6				
90730	16.3-19.8	0.6	15	0.1	86	23	2				
90731	19.8-38.2	1.5	45	0.1	86	23	2				
90732	38.2-38.6	0.4	10	0.2	250	33	3				
90733	38.6-39.6	1.0	15	0.2	96	21	2				
90734	39.6-40.9	1.3	45	0.1	107	36	6				
90735	40.9-42.1	1.2	45	0.1	73	38	6				
90736	42.1-42.9	0.8	45	0.1	70	44	10				
90737	42.9-44.4	1.5	10	0.1	103	10	3				
90738	44.4-45.9	1.5	80	0.2	126	9	2				
90739	45.9-47.4	1.5	15	0.1	96	20	2				
90740	47.4-48.9	1.5	30	0.2	79	30	6				
90741	48.9-50.4	1.5	85	0.3	104	32	11				
90742	50.4-51.0	0.6	25	0.3	235	32	7				
90743	51.0-51.9	0.9	25	0.3	215	33	12				
90744	51.9-52.8	0.9	5	0.2	210	30	6				
90745	52.8-54.3	1.5	10	0.2	136	18	10				
90746	54.3-55.8	1.5	45	0.1	136	10	5				
90747	55.8-57.3	1.5	50	0.1	178	20	4				
90748	57.3-58.8	1.5	30	0.1	30	21	4				
90749	58.8-59.8	1.0	45	0.1	15	12	3				
90750	59.8-61.0	1.2	10	0.1	796	13	2				
90752	61.0-62.5	1.5	30	0.5	210	59	45				
90753	62.5-63.4	0.9	25	0.5	192	40	22				
90754	63.4-64.9	1.5	760	1.1	1500	59	21				
90755	64.9-66.4	1.5	40	0.4	116	32	29				
90756	66.4-68.0	1.6	25	0.2	140	35	8				
90757	68.0-69.5	1.5	15	0.2	196	27	23				
90758	69.5-71.0	1.5	10	0.2	124	18	18				
90759	71.0-72.0	1.0	20	0.2	158	13	10				
90760	72.0-72.7	0.7	5	0.2	215	36	12				
90761	72.7-73.1	0.4	40	0.6	560	44	13				
90762	73.1-77.5	1.0	1450	0.9	740	44	7				

E.O.H. 82.9m

LEGEND

ROCK TYPES

- 1 Hornfels, predominantly siltstone, minor andesite, tuff variable chlorite, epidote, silica biotite alteration, trace to 10% pyrrhotite +/- pyrite, light-dark green, grey, brown
- 2 Siltstone/shale, black, locally weakly hornfelsed
- 3 Hornblende-Augite Porphyry, 1-10mm phenocrysts, locally with anhedral feldspar phenocrysts, in a grey-green aphanitic matrix. Variably hornfelsed, quartz-chlorite altered, trace to 2% disseminated pyrrhotite
- 3b light green, phenocrysts to 5mm in a matrix of 1-2mm anhedral feldspar grains and fine grained epidote-chlorite
- 4 Hornblende Porphyry Dyke, 1-2mm hornblende phenocrysts in a fine grained grey-green matrix, phenocrysts show a preferred orientation, weakly chlorite-epidote altered
- 5 Diorite-Quartz Diorite/Granodiorite, light to medium grey, equigranular, 1-2mm, feldspar-hornblende grains, - 5-10% hornblende, 90-95% feldspar, 0-5% quartz, commonly quartz-pyrrhotite +/- chlorite (sericite?) altered, trace to 5% pyrrhotite
- 6 Feldspar Porphyry - 2-3mm anhedral feldspar phenocrysts in a fine grained dark green chlorite matrix.
- 7 Fault Zone, schistose, intense chlorite clay alteration, 2-3% disseminated pyrite.
- 8 Quartz-Carbonate, brown to grey, highly weathered, 1-2% pyrite, 1-10% quartz and calcite veins and veinlets.
- 9 Stringer to Massive Sulphides, 5-80% pyrite, pyrrhotite and chalcocite in stringers, and semi-massive to massive bands ranging from 1 cm - 300 cm in thickness.

hf - hornfelsed  
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gyp - gypsum  
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ser - sericite  
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ank - ankerite

GEOLOGICAL BRANCH ASSESSMENT REPORT

16,763

Part 1 of 2

0 5 10 15 metres  
SCALE 1:200

REVISED	TAS PROJECT	
	VERTICAL SECTION LOOKING N. THROUGH D.D.H. 271-87-12	
PROJ. No. 271	SURVEY BY: G.M.	DATE: JUNE 1987
N.T.S. 93K/16	DRAWN BY: S.K.B.	SCALE: 1:200
DWG. No.	NORANDA EXPLORATION	
	OFFICE: PRINCE GEORGE, B.C.	

D.D.H. 271-87-7  
49,890N, 49,719E  
Dip - 45°  
Az 120°

D.D.H. 271-87-13  
49,973N, 49,748E  
Dip - 45°  
Az 300°

P.D.H. 271-87-11  
49,968N, 49,746E  
Dip - 45°  
Az 300°  
(5m. off section to south)  
Depth 22.9 m.

LEGEND

ROCK TYPES

- 1 Hornfels, predominantly siltstone, minor andesite, tuff variable chlorite, epidote, silica biotite alteration, trace to 10% pyrrhotite +/- pyrite, light-dark green, grey, brown
- 2 Siltstone/shale, black, locally weakly hornfelsed
- 3 Hornblende-Augite Porphyry, 1-10mm phenocrysts, locally with anhedral feldspar phenocrysts, in a grey-green aphanitic matrix. Variably hornfelsed, quartz-chlorite altered, trace to 2% disseminated pyrrhotite
- 3b light green, phenocrysts to 5mm in a matrix of 1-2mm anhedral feldspar grains and fine grained epidote-chlorite
- 4 Hornblende Porphyry Dyke, 1-2mm hornblende phenocrysts in a fine grained grey-green matrix, phenocrysts show a preferred orientation, weakly chlorite-epidote altered
- 5 Diorite-Quartz Diorite/Granodiorite, light to medium grey, equigranular, 1-2mm, feldspar-hornblende grains, 5-10% hornblende, 90-95% feldspar, 0-5% quartz, commonly quartz-pyrrhotite +/- chlorite (sericite?) altered, trace to 5% pyrrhotite
- 6 Feldspar Porphyry - 2-3mm anhedral feldspar phenocrysts in a fine grained dark green chlorite matrix.
- 7 Fault Zone, schistose, intense chlorite clay alteration, 2-3% disseminated pyrite.
- 8 Quartz-Carbonate, brown to grey, highly weathered, 1-2% pyrite, 1-10% quartz and calcite veins and veinlets.
- 9 Stringer to Massive Sulphides, 5-80% pyrite, pyrrhotite and chalcopryite in stringers, and semi-massive to massive bands ranging from 1 cm - 300 cm in thickness.

- hf - hornfelsed
- chl - chlorite
- sl - silicification
- bl - biotite
- gyp - gypsum
- py - pyrite (trace to 1%)
- po - pyrrhotite (trace to 1%)
- ch - chalcopryite
- q - quartz
- cc - calcite
- mot - mottled
- fr - fractured
- bl - bleached
- v - vein
- ch - cherty
- ep - epidote
- ser - sericite
- hem - hematite
- bx - breccia
- ank - ankerite

TABLE OF ANALYSES

#7 (all values in ppm except where noted)

SAMPLE NO.	INTERVAL (m)	WIDTH (m)	ANALYTICAL RESULTS							
			AU	AG	CU	ZN	PB	PP	PPM	PPM
90597	10.0-11.2	1.2	130	0.1	135	24	42			
90598	11.2-12.2	1.0	160	0.1	160	21	4			
90599	12.2-13.7	1.5	6000	0.5	150	26	5			
90600	13.7-15.2	1.5	45	0.1	116	26	4			
90601	15.2-16.7	1.5	110	0.1	125	19	5			
90602	16.7-17.8	1.1	1300	0.1	435	22	3			
90603	17.8-19.5	1.7	130	0.1	174	23	2			
90604	19.5-20.7	1.2	860	0.1	75	19	12			
90605	20.7-22.2	1.5	110	0.1	375	28	12			
90606	22.2-23.8	1.6	90	0.1	330	28	2			
90607	23.8-24.7	0.9	320	0.1	144	23	12			
90608	24.7-25.6	0.9	65	0.1	145	22	12			
90609	25.6-26.2	0.6	190	0.1	1000	36	3			
90610	30.5-31.7	1.2	50	0.1	135	35	4			
90611	31.7-32.6	0.9	360	0.1	360	35	7			
90612	32.6-34.1	1.5	200	0.1	620	35	2			
90613	34.1-34.7	0.6	35	0.1	180	34	12			
90614	34.7-35.7	1.0	940	0.1	760	33	2			
90615	44.5-45.5	0.9	70	0.1	260	37	2			
90616	45.4-46.0	0.6	1950	0.1	840	35	4			
90617	46.0-47.5	1.5	150	0.1	320	28	2			
90618	61.2-62.3	1.0	460	0.1	800	25	2			
90619	62.3-63.9	1.6	400	0.1	400	39	2			
90620	63.9-64.3	0.4	40	0.1	50	28	12			

#13 (all values in ppm except where noted)

SAMPLE NO.	INTERVAL (m)	WIDTH (m)	ANALYTICAL RESULTS							
			AU	AG	CU	ZN	PB	PP	PPM	PPM
90563	7.6-9.2	1.6	25	0.1	18	26	12			
90564	9.2-10.7	1.5	25	0.1	36	25	4			
90565	10.7-12.2	1.5	110	0.1	60	28	4			
90566	12.2-13.7	1.5	30	0.1	230	36	12			
90567	13.7-15.1	1.4	15	0.1	305	30	12			
90568	15.1-15.8	0.7	35	0.2	174	31	3			
90569	15.8-17.3	1.5	10	0.1	260	37	12			
90570	17.3-18.8	1.5	50	0.1	170	38	12			
90571	18.8-20.3	1.5	10	0.1	96	38	12			
90572	20.3-21.8	1.5	100	0.1	197	15	12			
90573	21.8-23.3	1.5	30	0.1	60	35	12			
90574	23.3-24.3	1.0	15	0.1	61	19	5			
90575	24.3-25.2	0.9	20	0.1	36	18	12			
90576	25.2-26.2	1.0	15	0.2	180	34	2			
90577	26.2-27.2	1.0	15	0.1	215	30	12			
90578	27.2-28.2	1.0	275	0.2	275	35	12			
90579	28.2-29.2	1.0	4900	0.7	1650	24	12			
90580	29.2-30.2	1.0	1150	0.4	1050	26	12			
90581	30.2-31.2	1.0	50	0.2	370	20	12			
90582	31.2-32.2	1.0	160	0.3	575	25	12			
90583	32.2-33.2	1.0	45	0.2	163	28	2			
90584	33.2-34.2	1.0	25	0.1	114	22	12			
90585	34.2-35.2	1.0	75	0.2	240	22	12			
90586	35.2-36.2	1.0	90	0.2	160	25	12			
90587	36.2-37.2	1.0	4000	2.0	3400	78	12			
90588	37.2-38.2	1.0	60	0.2	182	20	12			
90589	38.2-39.2	1.0	70	0.2	225	14	12			
90590	39.2-40.2	1.0	25	0.1	154	21	12			
90591	40.2-41.2	1.0	30	0.1	154	15	12			
90592	41.2-42.2	1.0	35	0.1	235	16	12			
90593	42.2-43.2	1.0	40	0.2	230	28	12			
90594	43.2-44.2	1.0	35	0.2	270	23	12			
90595	44.2-45.2	1.0	35	0.2	200	40	12			
90596	45.2-46.2	1.0	60	0.1	285	37	12			
90597	46.2-47.2	1.0	70	0.1	285	38	12			
90598	47.2-48.2	1.0	90	0.2	186	23	12			
90599	48.2-49.2	1.0	10	0.2	173	18	12			
90600	49.2-50.2	1.0	400	0.1	485	24	12			
91152	70.9-71.5	0.6	400	0.1	565	31	12			
91153	71.5-72.1	0.6	40	0.1	250	23	12			
91154	72.1-72.7	0.6	40	0.1	290	25	12			
91155	72.7-73.3	0.6	200	0.2	530	34	12			
91156	73.3-73.9	0.6	500	0.2	220	33	3			
91157	73.9-74.5	0.6	500	0.2	51	12				
91158	74.5-75.1	0.6	20	0.1	143	23	3			
91159	75.1-75.7	0.6	20	0.1	161	23	3			
91160	75.7-76.3	0.6	7400	0.8	2350	84	6			
91161	76.3-76.9	0.6	760	0.6	1100	35	12			
91162	76.9-77.5	0.6	3300	0.7	900	32	3			
91163	77.5-78.1	0.6	260	0.1	121	17	7			
91164	78.1-78.7	0.6	35	0.1	65	21	12			
91165	78.7-79.3	0.6	70	0.1	269	23	7			

GEOLOGICAL BRANCH ASSESSMENT REPORT

16,763  
Part 1 of 2

E.O.H. 101.5 m



REVISED	TAS PROJECT	
	VERTICAL SECTION LOOKING N, THROUGH D.D.H. 271-87-7, 13	
PROJ. No. 271	SURVEY BY: G.M.	DATE: JUNE, 1987
N.T.S. 93K/16	DRAWN BY: S.K.B.	SCALE: 1:200
DWG. No.	NORANDA EXPLORATION	
	OFFICE: PRINCE GEORGE, B.C.	

# LEGEND

## ROCK TYPES

- 1 Hornfels, predominantly siltstone, minor andesite, tuff variable chlorite, epidote, silica biotite alteration, trace to 10% pyrrhotite +/- pyrite, light-dark green, grey, brown
- 2 Siltstone/shale, black, locally weakly hornfelsed
- 3 Hornblende-Augite Porphyry, 1-10mm phenocrysts, locally with anhedral feldspar phenocrysts, in a grey-green aphanitic matrix. Variably hornfelsed, quartz-chlorite altered, trace to 2% disseminated pyrrhotite
- 3b light green, phenocrysts to 5mm in a matrix of 1-2mm anhedral feldspar grains and fine grained epidote-chlorite
- 4 Hornblende Porphyry Dyke, 1-2mm hornblende phenocrysts in a fine grained grey-green matrix, phenocrysts show a preferred orientation, weakly chlorite-epidote altered
- 5 Diorite-Quartz Diorite/Granodiorite, light to medium grey, equigranular, 1-2mm, feldspar-hornblende grains, - 5-10% hornblende, 90-95% feldspar, 0-5% quartz, commonly quartz-pyrrhotite +/- chlorite (sericite?) altered, trace to 5% pyrrhotite
- 6 Feldspar Porphyry - 2-3mm anhedral feldspar phenocrysts in a fine grained dark green chlorite matrix.
- 7 Fault Zone, schistose, intense chlorite clay alteration, 2-3% disseminated pyrite.
- 8 Quartz-Carbonate, brown to grey, highly weathered, 1-2% pyrite, 1-10% quartz and calcite veins and veinlets.
- 9 Stringer to Massive Sulphides, 5-80% pyrite, pyrrhotite and chalcopyrite in stringers, and semi-massive to massive bands ranging from 1 cm - 300 cm in thickness.

hf - hornfelsed  
chl - chlorite  
sl - silicification  
bi - biotite  
gyp - gypsum  
py - pyrite (trace to 1%)  
po - pyrrhotite (trace to 1%)  
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q - quartz  
cc - calcite  
mot - mottled  
fr - fractured  
bl - bleached  
v - vein  
ch - cherty  
ep - epidote

ser - sericite  
hem - hematite  
bx - breccia  
ank - ankerite

## GEOLOGICAL BRANCH ASSESSMENT REPORT

# 16,763

Part 1 of 2

0 5 10 15 metres  
SCALE: 1:200

REVISED	TAS PROJECT	
	VERTICAL SECTION LOOKING N. THROUGH D.D.H. 271-87-14	
PROJ. No. 271	SURVEY BY: G.M.	DATE: JUNE, 1987
N.T.S. 93K/16	DRAWN BY: S.K.B.	SCALE: 1:200
DWG. No.	NORANDA EXPLORATION	
	OFFICE: PRINCE GEORGE, B.C.	

D.D.H. 271-87-14  
49,894N, 49,958E  
Dip - 45°  
Az: 270°

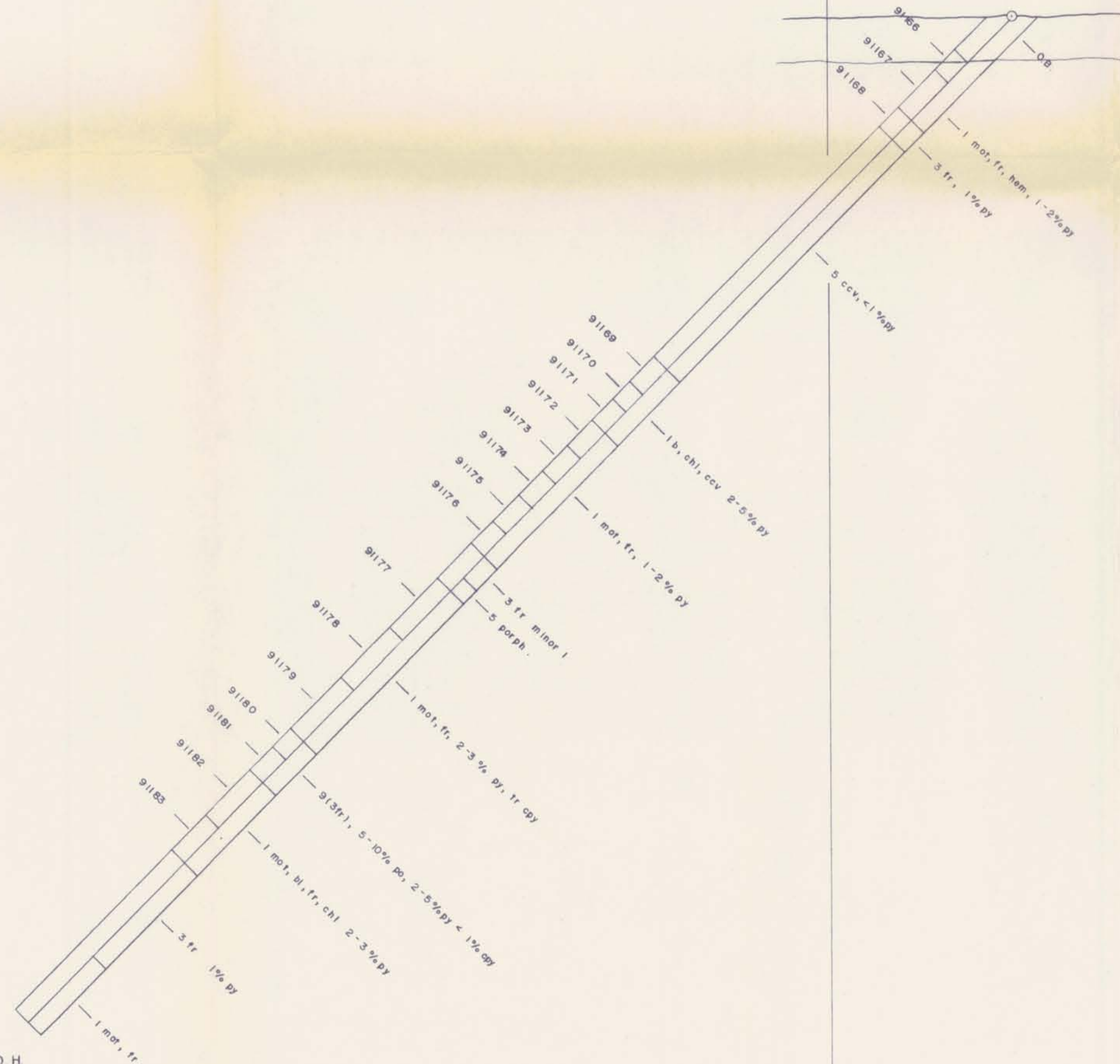


TABLE OF ANALYSES

(all values in ppm except where noted)

SAMPLE NO.	INTERVAL (m)	WIDTH (m)	ANALYTICAL				RESULTS			
			AU	AG	CU	ZN	PB			
			gmt	ppb	ppm %	ppm %	ppm %	ppm %		
91166	2.7-4.0	1.3	10	(0.1)	132	37	(2)			
91167	4.0-6.3	1.2	10	(0.1)	240	35	3			
91168	6.3-7.4	1.1	320	(0.1)	400	36	3			
91169	21.4-22.9	1.5	150	0.6	500	49	8			
91170	22.9-23.9	1.0	(5)	(0.1)	250	38	2			
91171	23.9-25.3	1.4	50	(0.1)	720	40	2			
91172	25.3-26.8	1.5	.	.	.	.	.			
91173	26.8-28.3	1.5	5	(0.1)	100	30	(2)			
91174	28.3-29.8	1.5	10	(0.1)	128	24	(2)			
91175	29.8-31.4	1.6	35	0.2	76	28	(2)			
91176	31.4-32.7	1.3	10	(0.1)	185	33	(2)			
91177	34.8-37.8	3.0	15	(0.1)	156	30	(2)			
91178	37.8-40.8	3.0	(5)	(0.1)	152	29	2			
91179	40.8-43.9	3.1	(5)	(0.1)	194	25	(2)			
91180	43.9-45.0	1.1	(5)	0.2	340	25	(2)			
91181	45.0-46.3	1.3	17.01	1.7	1500	39	4			
91182	46.3-49.2	2.9	85	0.2	72	22	(2)			
91183	49.2-51.2	2.0	100	(0.1)	90	24	(2)			

L. 49,000 E

D.D.H. 271-87-15  
 49,920N., 49,953E.  
 Dip - 45°  
 Az. 280°

**LEGEND**

**ROCK TYPES**

- 1 Hornfels, predominantly siltstone, minor andesite, tuff variable chlorite, epidote, silica biotite alteration, trace to 10% pyrrhotite +/- pyrite, light-dark green, grey, brown
- 2 Siltstone/shale, black, locally weakly hornfelsed
- 3 Hornblende-Augite Porphyry, 1-10mm phenocrysts, locally with anhedral feldspar phenocrysts, in a grey-green aphanitic matrix. Variably hornfelsed, quartz-chlorite altered, trace to 2% disseminated pyrrhotite
- 3b light green, phenocrysts to 5mm in a matrix of 1-2mm anhedral feldspar grains and fine grained epidote-chlorite
- 4 Hornblende Porphyry Dyke, 1-2mm hornblende phenocrysts in a fine grained grey-green matrix, phenocrysts show a preferred orientation, weakly chlorite-epidote altered
- 5 Diorite-Quartz Diorite/Granodiorite, light to medium grey, equigranular, 1-2mm, feldspar-hornblende grains, - 5-10% hornblende, 90-95% feldspar, 0-5% quartz, commonly quartz-pyrrhotite +/- chlorite (sericite?) altered, trace to 5% pyrrhotite
- 6 Feldspar Porphyry - 2-3mm anhedral feldspar phenocrysts in a fine grained dark green chlorite matrix.
- 7 Fault Zone, schistose, intense chlorite clay alteration, 2-3% disseminated pyrite.
- 8 Quartz-Carbonate, brown to grey, highly weathered, 1-2% pyrite, 1-10% quartz and calcite veins and veinlets.
- 9 Stringer to Massive Sulphides, 5-80% pyrite, pyrrhotite and chalcocopyrite in stringers, and semi-massive to massive bands ranging from 1 cm - 300 cm in thickness.

hf - hornfelsed  
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ser - sericite  
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 bx - breccia  
 ank - ankerite

**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**

**16,763**

Part 1 of 2

0 5 10 15 metres  
 SCALE: 1:200

**TABLE OF ANALYSES**

(all values in ppm except where noted)

SAMPLE NO.	INTERVAL (m)	WIDTH (m)	ANALYTICAL RESULTS							
			AU	AG	CU	ZN	PB	gmt	ppm	%
91226	16.6-17.7	1.1	10	0.1	355	15	2			
91227	17.7-19.2	1.5	45	0.1	235	8	2			
91228	19.2-21.4	2.2	25	0.1	210	13	2			
91229	21.4-22.7	1.3	10	0.1	119	13	3			
91230	22.7-24.2	1.5	5	0.1	82	16	3			
91231	24.2-25.2	1.0	300	1.3	1200	50	9			
91232	25.2-26.7	1.5	35	0.1	130	30	2			
91233	26.7-29.4	2.7	10	0.1	144	23	3			
91234	35.2-36.7	1.5	5	0.1	210	31	2			
91235	36.7-39.9	3.2	2100	0.3	365	30	2			
91236	39.9-41.6	1.7	500	0.1	340	24	4			
91237	41.6-42.8	1.2	200	0.2	550	20	2			
91238	42.8-43.1	0.3	2000	0.2	465	23	2			
91239	43.1-44.6	1.5	35	0.1	40	16	2			
91240	44.6-46.1	1.5	5	0.1	22	16	2			
91241	46.1-46.6	0.5	10	0.1	159	10	2			
91242	46.6-48.3	1.7	10	0.1	104	11	2			
91243	48.3-49.5	1.2	5	0.1	50	24	2			
91244	49.5-51.0	1.5	5	0.1	52	11	3			
91245	51.0-52.5	1.5	10	0.1	38	11	2			
91246	52.5-54.0	1.5	25	0.1	7	4	2			
91247	54.0-55.1	1.1	60	0.1	54	17	2			
91248	55.1-57.2	2.1	15	0.1	126	33	2			
91249	57.2-58.0	0.8	95	0.1	188	15	2			
91250	58.0-59.9	1.9	130	0.1	180	20	2			
94401	59.9-61.6	1.7	25	0.1	154	14	3			
94402	61.6-63.4	1.8	55	0.1	55	15	2			
94403	63.4-64.5	1.1	260	0.1	260	17	2			
94404	67.7-68.1	0.4	30	0.1	30	42	2			
94405	69.2-71.0	0.8	10	0.1	106	32	2			

73.2m. E.O.H.

REVISED	TAS PROJECT	
	VERTICAL SECTION LOOKING N.	
	THROUGH D.D.H. 271-87-15	
PROJ. No. 271	SURVEY BY: G.M.	DATE: JUN 1987
N.T.S. 33K/8	DRAWN BY: S.K.B.	SCALE: 1:200
DWG. No.	<b>NORANDA EXPLORATION</b>	
	OFFICE: PRINCE GEORGE, B.C.	

# LEGEND

## ROCK TYPES

- 1 Hornfels, predominantly siltstone, minor andesite, tuff variable chlorite, epidote, silica biotite alteration, trace to 10% pyrrhotite +/- pyrite, light-dark green, grey, brown
- 2 Siltstone/shale, black, locally weakly hornfelsed
- 3 Hornblende-Augite Porphyry, 1-10mm phenocrysts, locally with anhedral feldspar phenocrysts, in a grey-green aphanitic matrix. Variably hornfelsed, quartz-chlorite altered, trace to 2% disseminated pyrrhotite
- 3b light green, phenocrysts to 5mm in a matrix of 1-2mm anhedral feldspar grains and fine grained epidote-chlorite
- 4 Hornblende Porphyry Dyke, 1-2mm hornblende phenocrysts in a fine grained grey-green matrix, phenocrysts show a preferred orientation, weakly chlorite-epidote altered
- 5 Diorite-Quartz Diorite/Granodiorite, light to medium grey, equigranular, 1-2mm, feldspar-hornblende grains, - 5-10% hornblende, 90-95% feldspar, 0-5% quartz, commonly quartz-pyrrhotite +/- chlorite (sericite?) altered, trace to 5% pyrrhotite
- 6 Feldspar Porphyry - 2-3mm anhedral feldspar phenocrysts in a fine grained dark green chlorite matrix.
- 7 Fault Zone, schistose, intense chlorite clay alteration, 2-3% disseminated pyrite.
- 8 Quartz-Carbonate, brown to grey, highly weathered, 1-2% pyrite, 1-10% quartz and calcite veins and veinlets.
- 9 Stringer to Massive Sulphides, 5-80% pyrite, pyrrhotite and chalcopyrite in stringers, and semi-massive to massive bands ranging from 1 cm - 300 cm in thickness.

hf - hornfelsed  
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 po - pyrrhotite (trace to 1%)  
 cpy - chalcopyrite  
 q - quartz  
 cc - calcite  
 mot - mottled  
 fr - fractured  
 bl - bleached  
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 ep - epidote  
 ser - sericite  
 hem - hematite  
 bx - breccia  
 ank - ankerite

## GEOLOGICAL BRANCH ASSESSMENT REPORT

# 16,763

Part 1 of 2

### TABLE OF ANALYSES

(all values in ppm except where noted)

SAMPLE NO.	INTERVAL (m)	WIDTH (m)	ANALYTICAL RESULTS									
			AU	AG	CU	ZN	PB					
			gmt	ppb	gmt	ppm	%	ppm	%	ppm	%	ppm
94406	19.7-21.2	1.5	40	0.1	166	18	2					
94407	21.2-22.6	1.4	60	0.1	74	10	2					
94408	29.0-31.1	2.1	40	0.2	240	12	225					
94409	32.7-33.8	1.1	60	0.2	330	23	43					
94410	33.8-39.1	1.5	860	0.1	395	23	18					
94411	35.3-36.8	1.5	55	0.2	390	22	4					
94412	36.8-39.1	2.3	75	0.1	370	25	3					
94413	39.1-40.5	1.4	50	0.1	325	23	2					
94414	40.5-42.0	1.5	95	0.1	200	30	2					
94415	42.0-43.6	1.6	120	0.1	156	20	2					
94416	43.6-45.1	1.5	1000	0.6	1400	37	3					
94417	45.1-45.8	0.7	95	0.1	100	8	5					

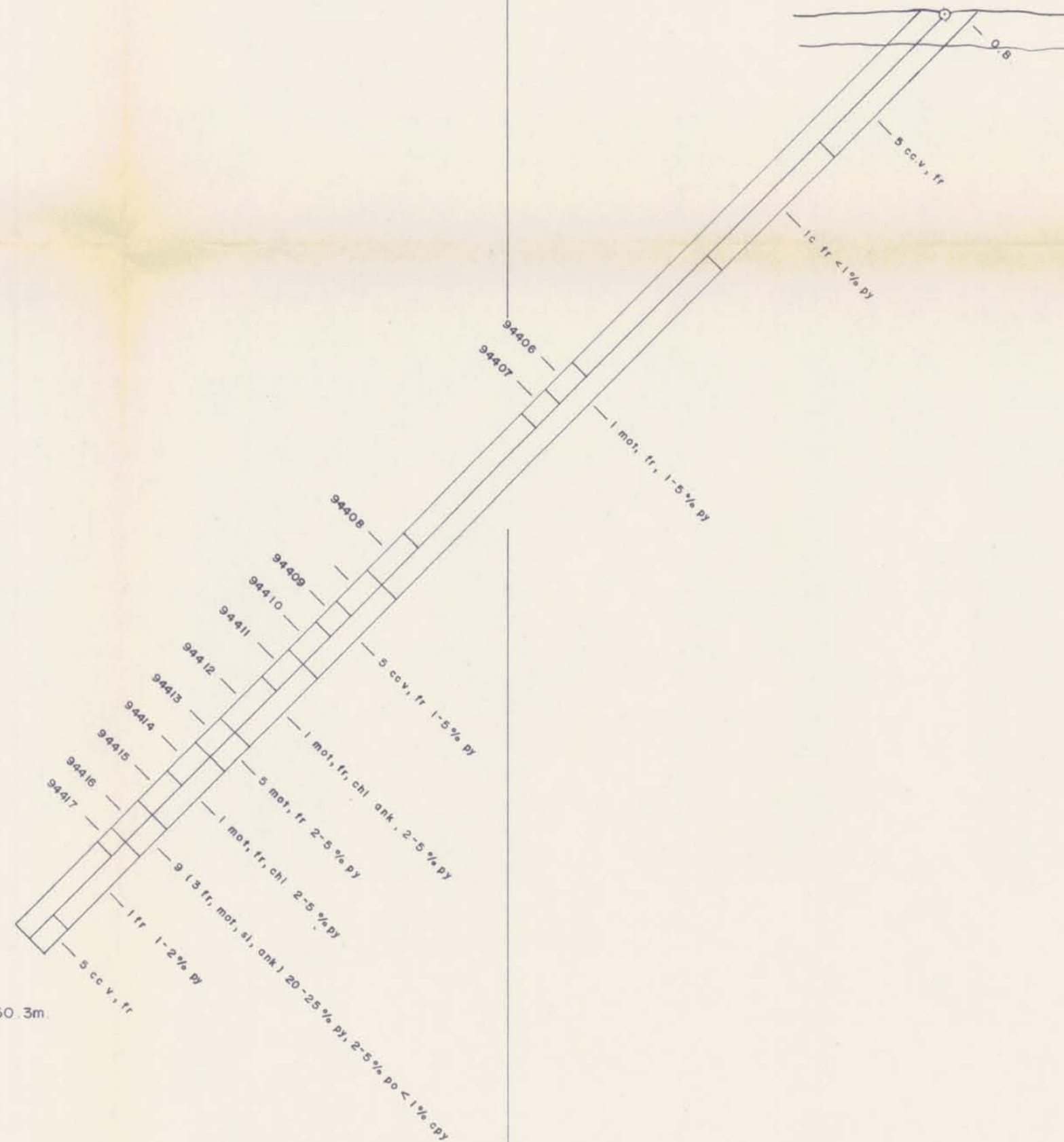
0 5 10 15 metres  
SCALE 1:200

REVISED	TAS PROJECT	
	VERTICAL SECTION LOOKING N. THROUGH D.D.H. 271-87-16	
PROJ. No. 271	SURVEY BY: S.M.	DATE: JUNE 1987
N.T.S. 93K/16	DRAWN BY: S.K.B.	SCALE: 1:200
DWG. No.	<b>NORANDA EXPLORATION</b>	
	OFFICE: PRINCE GEORGE, B.C.	

E.O.H. 50.3m.

L. 49,000 E.

D.D.H. 271-87-16  
49,972 N., 49,018 E.  
Dip - 45  
Az. 260°



L. 49,050 E

D. D. H. 271-87-17  
49,955 N, 49,059 E.  
Dip - 45°  
Az. 080°

LEGEND

ROCK TYPES

- 1 Hornfels, predominantly siltstone, minor andesite, tuff variable chlorite, epidote, silica biotite alteration, trace to 10% pyrrhotite +/- pyrite, light-dark green, grey, brown
- 2 Siltstone/shale, black, locally weakly hornfelsed
- 3 Hornblende-Augite Porphyry, 1-10mm phenocrysts, locally with anhedral feldspar phenocrysts, in a grey-green aphanitic matrix. Variably hornfelsed, quartz-chlorite altered, trace to 2% disseminated pyrrhotite
- 3b light green, phenocrysts to 5mm in a matrix of 1-2mm anhedral feldspar grains and fine grained epidote-chlorite
- 4 Hornblende Porphyry Dyke, 1-2mm hornblende phenocrysts in a fine grained grey-green matrix, phenocrysts show a preferred orientation, weakly chlorite-epidote altered
- 5 Diorite-Quartz Diorite/Granodiorite, light to medium grey, equigranular, 1-2mm, feldspar-hornblende grains, - 5-10% hornblende, 90-95% feldspar, 0-5% quartz, commonly quartz-pyrrhotite +/- chlorite (sericite?) altered, trace to 5% pyrrhotite
- 6 Feldspar Porphyry - 2-3mm anhedral feldspar phenocrysts in a fine grained dark green chlorite matrix.
- 7 Fault Zone, schistose, intense chlorite clay alteration, 2-3% disseminated pyrite.
- 8 Quartz-Carbonate, brown to grey, highly weathered, 1-2% pyrite, 1-10% quartz and calcite veins and veinlets.
- 9 Stringer to Massive Sulphides, 5-80% pyrite, pyrrhotite and chalcocopyrite in stringers, and semi-massive to massive bands ranging from 1 cm - 300 cm in thickness.

hf - hornfelsed  
chl - chlorite  
sil - silicification  
bi - biotite  
gyp - gypsum  
py - pyrite (trace to 1%)  
po - pyrrhotite (trace to 1%)  
cpy - chalcocopyrite  
q - quartz  
cc - calcite  
mot - mottled  
fr - fractured  
bl - bleached  
v - vein  
ch - cherty  
ep - epidote

ser - sericite  
hem - hematite  
bx - breccia  
ank - ankerite

TABLE OF ANALYSES

(all values in ppm except where noted)

SAMPLE NO.	INTERVAL (m)	WIDTH (m)	ANALYTICAL RESULTS				PB
			AU gmt	AG ppm	CU %	ZN ppm	
91184	6.7-8.2	1.5	30	0.2	191	17	2
91185	8.2-9.7	1.5	80	0.2	198	16	2
91186	9.7-11.2	1.5	80	0.2	187	15	3
91187	11.2-12.0	0.8	120	0.2	155	15	2
91188	12.0-14.8	2.8	65	0.2	215	16	4
91189	14.8-16.3	1.5	45	0.1	134	16	3
91190	16.3-17.8	1.5	45	0.1	220	16	2
91191	17.8-18.5	0.7	45	0.2	188	16	3
91192	18.5-19.2	0.7	1350	10.9	1600	39	3
91193	19.2-20.9	1.7	30	0.3	680	20	2
91194	20.9-22.6	1.7	10	0.1	198	16	3
91195	22.6-24.1	1.5	65	0.2	480	18	3
91196	24.1-26.0	1.9	30	0.1	320	19	3
91197	26.0-27.3	1.3	360	0.4	985	30	2
91198	27.3-28.6	1.3	320	0.4	965	28	4
91199	28.6-30.1	1.5	60	0.2	465	19	3
91200	30.1-31.6	1.5	440	0.3	620	25	2
91201	31.6-33.1	1.5	860	0.2	325	18	3
91202	33.1-34.6	1.5	85	0.2	187	15	2
91203	34.6-37.5	2.9	25	0.2	465	25	7
91204	37.5-39.0	1.5	110	0.1	235	13	2
91205	39.0-40.5	1.5	320	0.1	174	11	3
91206	40.5-41.4	0.9	5	0.1	141	37	2
91207	41.4-42.8	1.4	45	0.1	126	57	2
91208	42.8-44.3	1.5	160	0.2	495	20	3
91209	44.3-45.8	1.5	25	0.1	181	12	2
91210	45.8-47.3	1.5	5	0.1	182	19	5
91211	47.3-50.3	3.0	45	0.1	120	18	3
91212	50.3-51.8	1.5	5	0.1	270	20	2
91213	51.8-53.3	1.5	75	0.1	490	21	2
91214	53.3-54.8	1.5	30	0.1	380	22	2
91215	54.8-55.7	0.9	800	0.1	305	19	2
91216	55.7-57.2	1.5	50	0.1	159	12	2
91217	57.2-58.7	1.5	5	0.1	53	49	2
91218	58.7-59.4	0.7	15	0.2	16	14	3
91219	59.4-62.4	3.0	35	0.1	185	14	2
91220	62.4-65.4	3.0	45	0.1	96	14	2
91221	65.4-67.0	1.6	10	0.1	129	18	3
91222	67.0-67.7	0.7	320	0.8	1750	43	5
91223	67.7-69.2	1.5	5	0.1	86	15	3
91224	69.2-72.2	3.0	15	0.1	180	27	2
91225	72.2-74.1	1.9	10	0.1	285	29	3

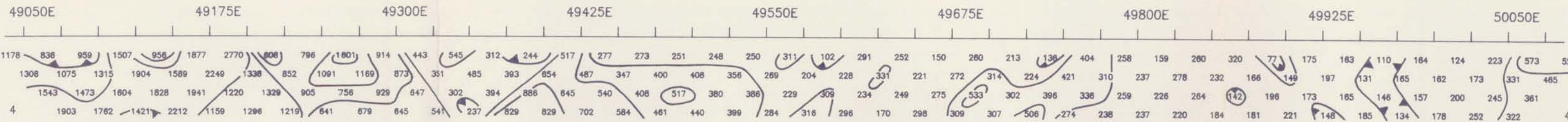
E.O.H. 89.3 m.

GEOLOGICAL BRANCH ASSESSMENT REPORT

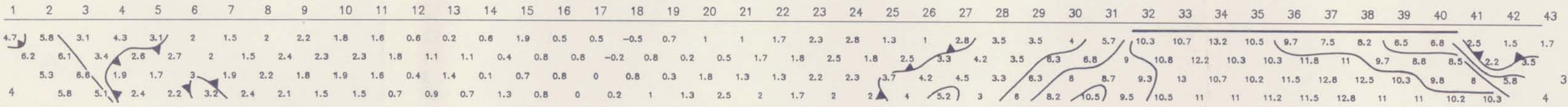
16,763  
Part 1 of 2

0 5 10 15 metres  
SCALE: 1:200

REVISED	TAS PROJECT	
	VERTICAL SECTION LOOKING N. THROUGH D.D.H. 271-87-17	
PROJ. No. 271	SURVEY BY: G.M.	DATE: JUNE, 1987
N.T.S. 95 K/16	DRAWN BY: S.K.B.	SCALE: 1:200
DWG. No.	NORANDA EXPLORATION	
	OFFICE: PRINCE GEORGE, B.C.	



APPARENT RESISTIVITY (OHM-M)



CHARGEABILITY (MSEC)

INDUCED POLARIZATION  
 ARRAY: DIPOLE-DIPOLE  
 FREQUENCY: 4.25 Hz  
 CONTOUR MULTIPLES: 1.5 3 5 7.5 10  
 SPACING: 25m  
 SURVEY DATE: 15/08/87  
 OPERATOR: RS  
 Rx: PHOENIX IPV-1  
 Tx: PHOENIX IPT-1

**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**

**16,763**  
 Part 1 of 2

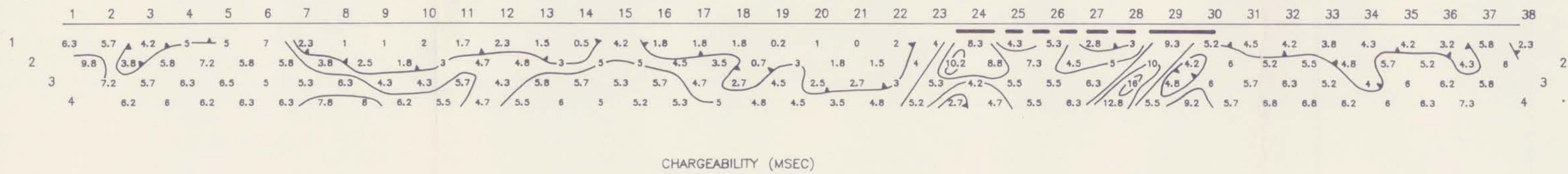
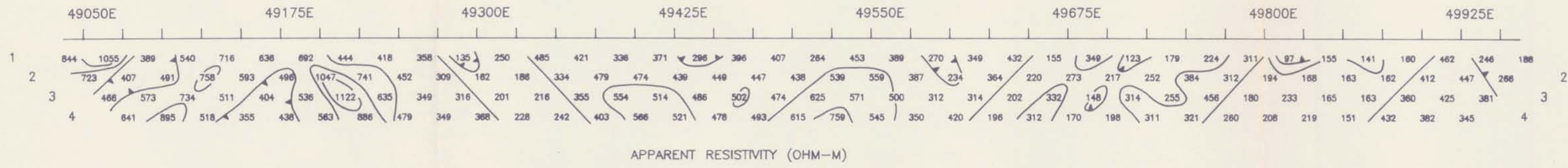
DIPOLE LENGTH: 25 m



SCALE = 1: 2500

I.P. SURVEY	
TAS GRID	
L. 49200.0N	
AREA: CENTRAL DISTRICT	
for: NORANDA	
NORANDA EXPLORATION	
Surveyed by: WALCOTT	Date: 15/08/87
Plotted by: SK	Project No: 271





INDUCED POLARIZATION

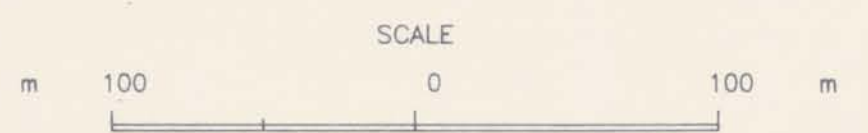
ARRAY: DIPOLE-DIPOLE  
 FREQUENCY: 4/.25 Hz  
 CONTOUR MULTIPLES: 1.5 3 5 7.5 10

SPACING: 25 m  
 SURVEY DATE: 08/15/87  
 OPERATOR: RS  
 Rx: PHOENIX IPV-1  
 Tx: PHOENIX IPT-1

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

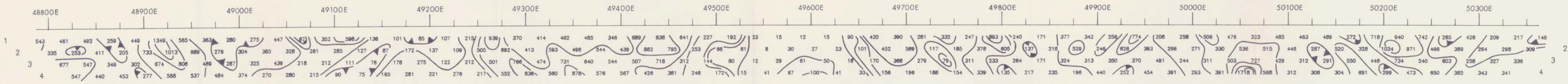
16,763  
Part 1 of 2

DIPOLE LENGTH: 25 m

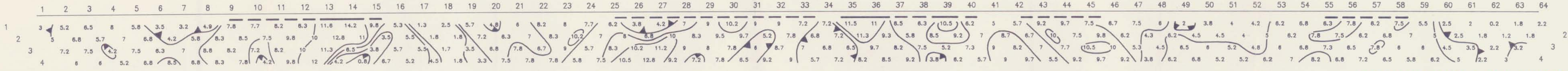


SCALE = 1: 2500

I.P. SURVEY	
TAS GRID	
L. 49400.0N	
AREA: CENTRAL DISTRICT	
for: NORANDA	
NORANDA EXPLORATION	
Surveyed by: WALCOTT	Date: 08/15/87
Plotted by: SK	Project No: 271



APPARENT RESISTIVITY (OHM-M)



CHARGEABILITY (MSEC)

INDUCED POLARIZATION  
 ARRAY: DIPOLE-DIPOLE  
 FREQUENCY: 4/25 Hz  
 CONTOUR MULTIPLES: 1.5 3 5 7.5 10  
 SPACING: 25 m  
 SURVEY DATE: 08/15/87  
 OPERATOR: RS  
 Re: PHOENIX IPV-1  
 Tu: PHOENIX IPT-1

**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**

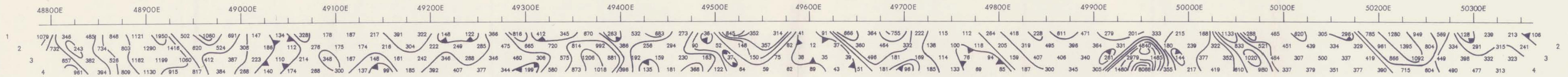
**16,763** Part 1 of 2

DIPOLE LENGTH: 25 m

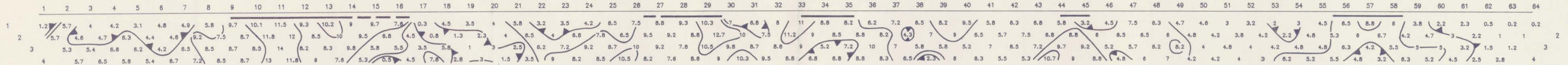


SCALE = 1: 2500

I.P. SURVEY TAS GRID	
L. 49900.0N AREA: CENTRAL DISTRICT	
for: NORANDA	
NORANDA EXPLORATION	
Surveyed by: WALCOTT	Date: 08/15/87
Plotted by: SK	Project No: 271



APPARENT RESISTIVITY (OHM-M)



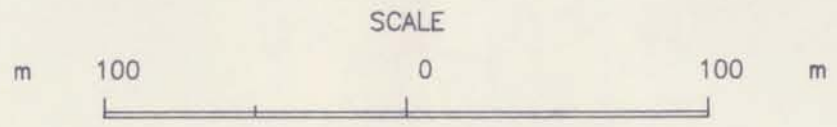
CHARGEABILITY (MSEC)

INDUCED POLARIZATION  
 ARRAY: DIPOLE-DIPOLE  
 FREQUENCY: 4/25 Hz  
 CONTOUR MULTIPLES: 1.5 3 5 7.5 10  
 SPACING: 5 m  
 SURVEY DATE: 15/08/87  
 OPERATOR: RS  
 Rst: PHOENIX IPY-1  
 Tst: PHOENIX IPT-1

**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**

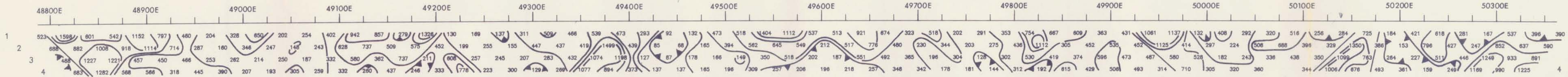
**16,763**  
 Part 1 of 2

DIPOLE LENGTH: 25 m

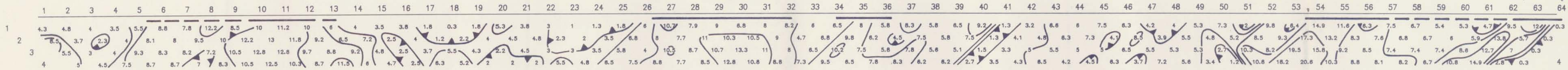


SCALE = 1: 2500

I.P. SURVEY TAS GRID	
L. 49950.ON	
AREA: CENTRAL DISTRICT	
for: NORANDA	
NORANDA EXPLORATION	
Surveyed by: WALCOTT	Date: 15/08/87
Plotted by: SK	Project No: 271



APPARENT RESISTIVITY (OHM-M)



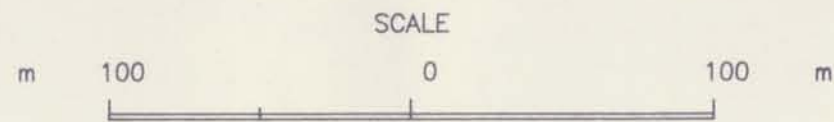
CHARGEABILITY (MSEC)

INDUCED POLARIZATION  
 ARRAY: DIPOLE-DIPOLE  
 FREQUENCY: 4/.25 Hz  
 CONTOUR MULTIPLES: 1.5 3 5 7.5 10  
 SPACING: 25 m  
 SURVEY DATE: 08/15/87  
 OPERATOR: RS  
 Rx: PHOENIX IPV-1  
 Tx: PHOENIX IPT-1

GEOLOGICAL BRANCH  
 ASSESSMENT REPORT

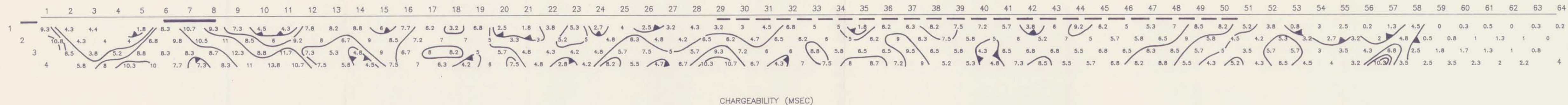
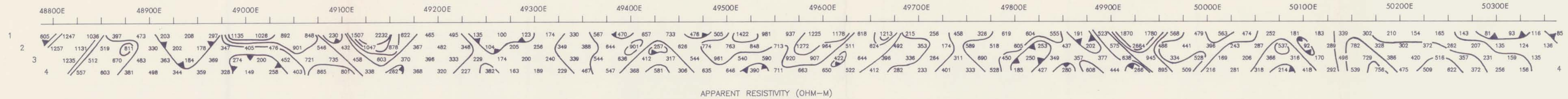
16,763  
 Part 1 of 2

DIPOLE LENGTH: 25 m



SCALE = 1: 2500

I.P. SURVEY TAS GRID	
L. 50000.0N AREA: CENTRAL DISTRICT	
for: NORANDA	
NORANDA EXPLORATION	
Surveyed by: WALCOTT	Date: 08/15/87
Plotted by: SK	Project No: 271

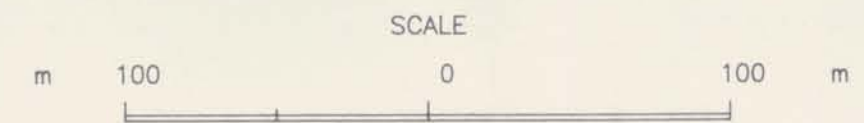


INDUCED POLARIZATION  
 ARRAY: DIPOLE-DIPOLE  
 FREQUENCY: 4/.25 Hz  
 CONTOUR MULTIPLES: 1.5 3 5 7.5 10  
 SPACING: 25m  
 SURVEY DATE: 15/08/87  
 OPERATOR: RS  
 Rx: PHOENIX IPV-1  
 Tx: PHOENIX IPT-1

**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**

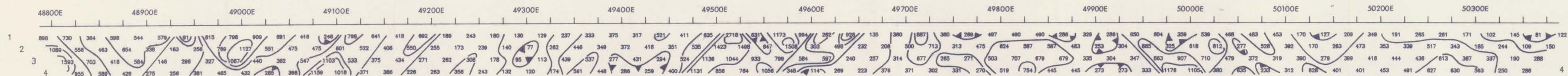
**16,763**  
 Part 1 of 2

DIPOLE LENGTH: 25 m

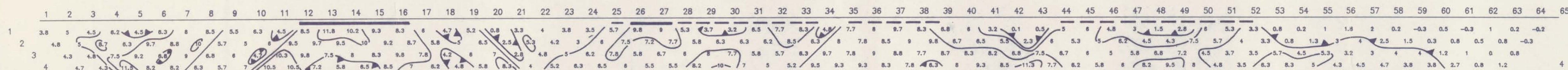


SCALE = 1: 2500

I.P. SURVEY	
TAS GRID	
L. 50050.0N	
AREA: CENTRAL DISTRICT	
for: NORANDA	
NORANDA EXPLORATION	
Surveyed by: WALCOTT	Date: 15/08/87
Plotted by: SK	Project No: 271



APPARENT RESISTIVITY (OHM-M)



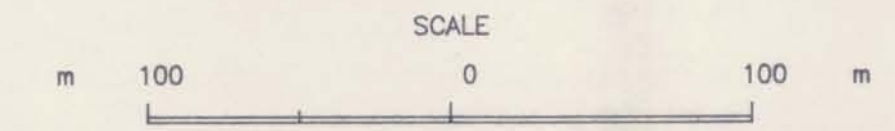
CHARGEABILITY (MSEC)

INDUCED POLARIZATION  
 ARRAY: DIPOLE-DIPOLE  
 FREQUENCY: 4/.25 Hz  
 CONTOUR MULTIPLES: 1.5 3 5 7.5 10  
 SPACING: 25 m  
 SURVEY DATE: 08/15/87  
 OPERATOR: RS  
 Rx: PHOENIX IPV-1  
 Tx: PHOENIX IPT-1

GEOLOGICAL BRANCH  
 ASSESSMENT REPORT

16,763  
 Part 1 of 2

DIPOLE LENGTH: 25 m



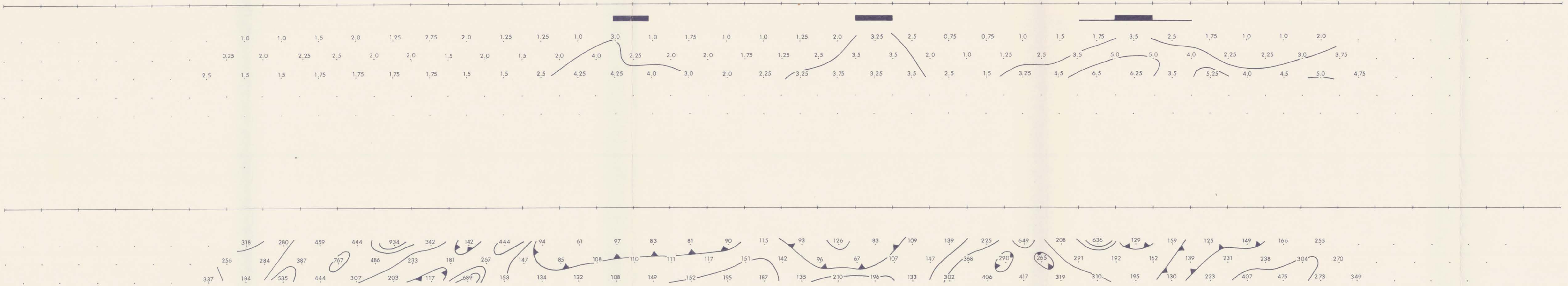
SCALE = 1: 2500

I.P. SURVEY	
TAS GRID	
L. 50100.0N	
AREA: CENTRAL DISTRICT	
for NORANDA EXPLORATION CO. LTD.	
NORANDA EXPLORATION	
Surveyed by: WALCOTT	Date: 08/15/87
Plotted by: SK	Project No: 271

N 10600 N

N 11000 N

N 11600 N



LEGEND

MAG

INSTRUMENT: .....  
 FIELD MEASUREMENT: .....  
 DATUM: .....  
 PROFILE SCALE: .....

MAG

I.P.

ARRAY: ..... Dipole-Dipole  
 FREQUENCY: ..... 4.0/0.25 Hz  
 a: ..... 50 m  
 CONTOUR INTERVAL:  
 P.F.E.: ..... 3.0, 5.0, 7.5  
 Pa: ..... 100, 150, 300, 500,  
 750, 1000

P.F.E.

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,763

Part 1 of 2

Pa

REVISED	TAS	
	I.P. and MAG. SURVEY	
	Line 88+00E.	
PROJ. No. _____	SURVEY BY: _____	DATE: April 1987
N.T.S. _____	DRAWN BY: P.A., J.S.	SCALE: 1:2,500
DWG. No. _____	NORANDA EXPLORATION	
	OFFICE: VANCOUVER	

98 N -

99 N -

100 N -

101 N -

102 N -

103 N -

104 N -

105 N -

106 N -

107 N -

108 N

58,500 nT

58,000 nT

MAG.

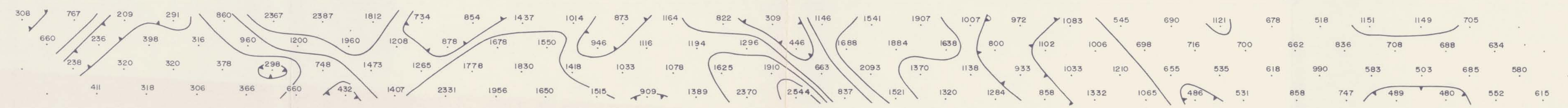
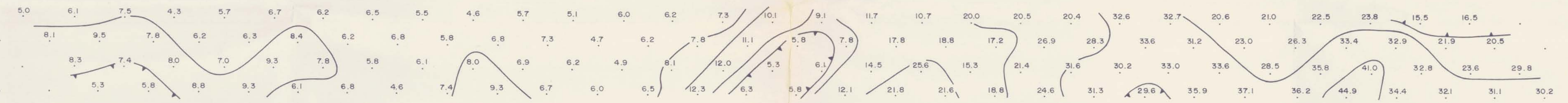
LEGEND

MAG  
 INSTRUMENT: ..... MP-3  
 FIELD MEASUREMENT: .. TOTAL  
 DATUM: ..... 58,000 nT  
 PROFILE SCALE: ..... 1cm = 100 nT

I.P.  
 ARRAY: ..... Dipole-Dipole  
 FREQUENCY: ..... 4.0/0.25 Hz  
 a  
 CONTOUR INTERVAL:  
 P.F.E.: ..... 10, 20, 30  
 Pa ..... 100, 300, 500, 1000,  
 1500, 2500

CHARGEABILITY

Pa



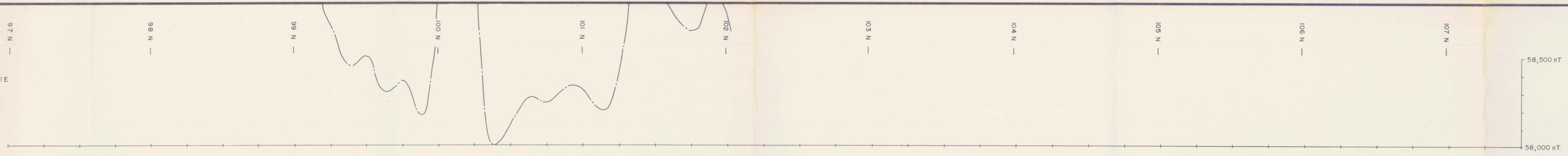
GEOLOGICAL BRANCH ASSESSMENT REPORT

16,763

Part 1 of 2

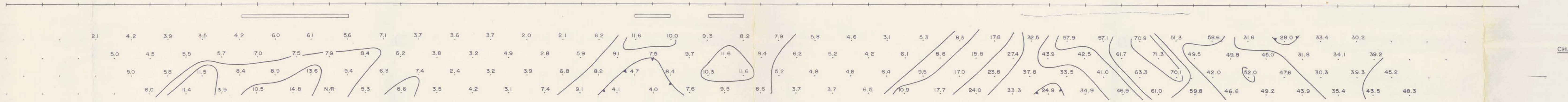
REVISED	TAS GRID	
	I.P. and MAG. SURVEY	
	Line 100E	
PROJ. No. 571	SURVEY BY: P.W. + ASSOC.	DATE: NOV./DEC. 85
N.T.S.	DRAWN BY: J. Serwin	SCALE: 1: 1250
DWG. No.	NORANDA EXPLORATION	
	OFFICE: VANCOUVER	



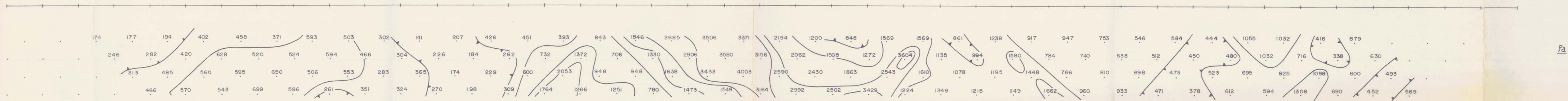


58,500 nT  
58,000 nT

MAG.



CHARGEABILITY



RESISTIVITY

**LEGEND**

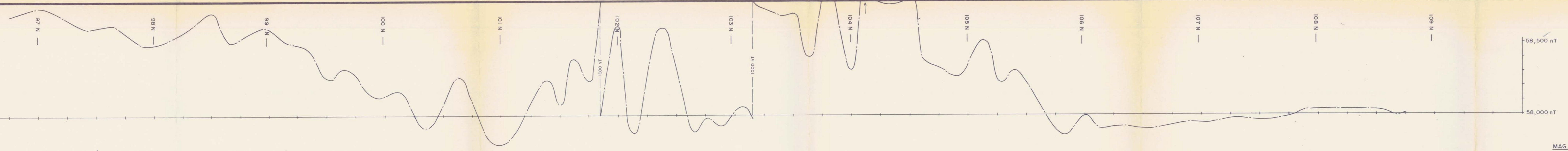
MAG  
INSTRUMENT: ..... MP-3  
FIELD MEASUREMENT: ..... TOTAL  
DATUM: ..... 58,000 nT  
PROFILE SCALE: ..... 1cm = 100 nT

I.P.  
ARRAY: ..... Dipole-Dipole  
FREQUENCY: ..... 4.0/0.25 Hz  
CONTOUR INTERVAL:  
P.F.E.: ..... 10,20,30  
ρ<sub>a</sub>: ..... 100,300,500,1000,  
1500,2500

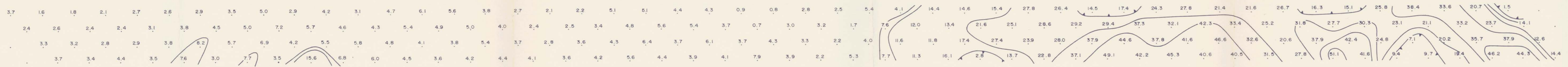
**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**16,763**  
Part 1 of 2

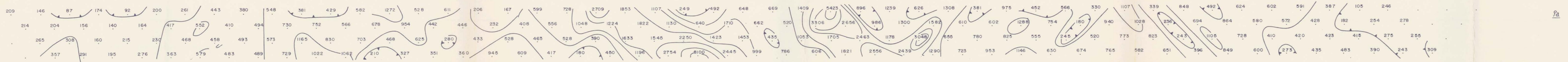
REVISED	TAS GRID	
	I.P. and MAG. SURVEY	
	Line 101 E	
PROJ. No. 571	SURVEY BY: P.W. + ASSOC.	DATE: NOV./DEC. 85
N.T.S.	DRAWN BY: J. Serwin	SCALE: 1:1250
DWG. No.	NORANDA EXPLORATION	
	OFFICE: VANCOUVER	



58,500 nT  
58,000 nT  
MAG.



CHARGEABILITY



RESISTIVITY

**LEGEND**

MAG INSTRUMENT: MP-3  
FIELD MEASUREMENT: TOTAL  
DATUM: 58,000 nT  
PROFILE SCALE: 1cm = 100 nT

I.P. ARRAY: Dipole-Dipole  
FREQUENCY: 4.0 / 0.25 Hz  
CONTOUR INTERVAL:  
P.F.E.: 7.5, 10, 20, 30  
Pa: 100, 300, 500, 1000, 1500, 2500

**GEOLOGICAL BRANCH ASSESSMENT REPORT**

**16,763**  
Part 1 of 2

REVISED	TAS GRID
	I.P. and MAG. SURVEY
	Line 102 E
PROJ. No. 571	SURVEY BY: P.W. & ASSOC. DATE: NOV./DEC. 85
RTS	DRAWN BY: J. Seaman SCALE: 1:1250
DWG. No.	NORANDA EXPLORATION OFFICE: VANCOUVER

100 N

101 N

102 N

103 N

104 N

105 N

106 N

107 N

108 N

109 N

58,500 nT  
58,000 nT

MAG.

LEGEND

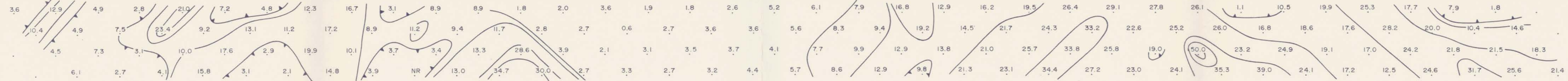
MAG

INSTRUMENT: MP-3  
FIELD MEASUREMENT: TOTAL  
DATUM: 58,000 nT  
PROFILE SCALE: 1cm = 100 nT

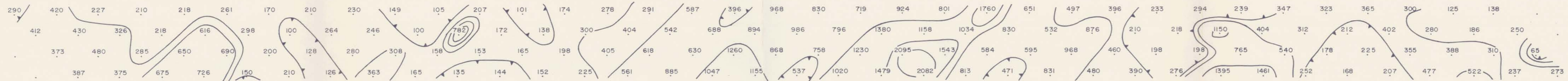
I.P.

ARRAY: Dipole-Dipole  
FREQUENCY: 4.0/0.25 Hz  
CONTOUR INTERVAL:  
P.F.E.: 10, 20, 30  
I<sub>a</sub>: 100, 300, 500, 1000,  
1500, 2500

CHARGEABILITY



I<sub>a</sub>

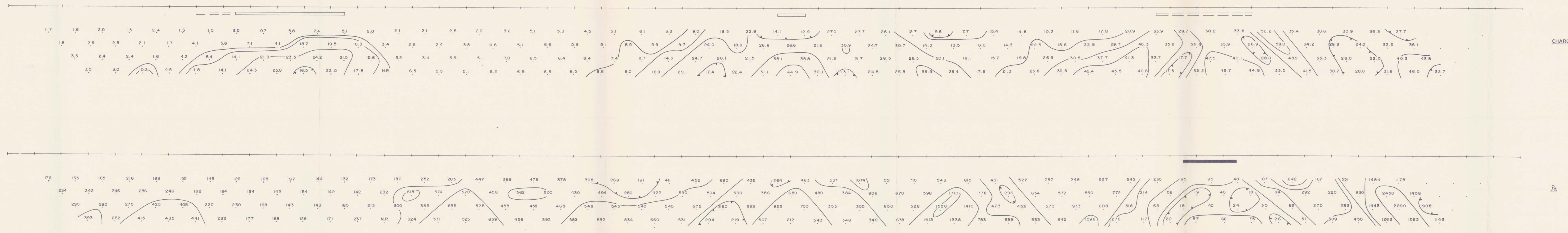
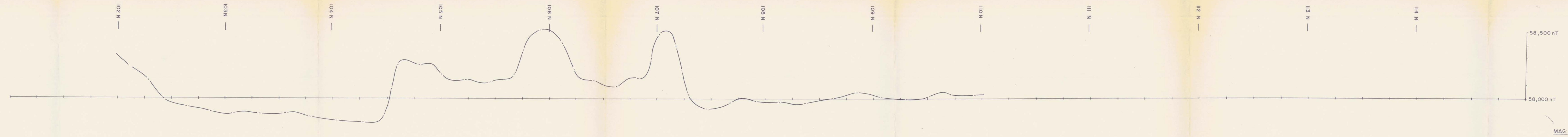


GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,763

Part 1 of 2

REVISED	TAS GRID	
	I.P. and MAG. SURVEY	
	Line 104E	
PROJ. No. 571	SURVEY BY: P.W. + ASSOC.	DATE: NOV/DEC. 85
N.T.S.	DRAWN BY: J. Serwin	SCALE: 1:1250
DWG. No.	NORANDA EXPLORATION	
	OFFICE: VANCOUVER	



**LEGEND**

**MAG**  
 INSTRUMENT: ..... MP-3  
 FIELD MEASUREMENT: TOTAL  
 DATUM: ..... 58,000 nT  
 PROFILE SCALE: ..... 1cm = 100 nT

**I.P.**  
 ARRAY: ..... Dipole-Dipole  
 FREQUENCY: ..... 4 0/0.25 Hz  
 CONTOUR INTERVAL:  
 P.F.E.: ..... 10, 20, 30  
 $\rho_a$ : ..... 100, 300, 500, 1000,  
 1500, 2500

**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**

**16,763**  
 Part 1 of 2

REVISED	<b>TAS GRID</b>
	<b>I.P. and MAG. SURVEY</b>
	<b>Line 106 E</b>
PROJ. No. 571	SURVEY BY: P.W. + ASSOC. DATE: NOV/DEC 85
N.T.S.	DRAWN BY: J. SERWIN SCALE: 1:1250
DWG. No.	<b>NORANDA EXPLORATION</b>
	OFFICE: VANCOUVER

107 N

108 N

109 N

110 N

111 N

112 N

113 N

114 N

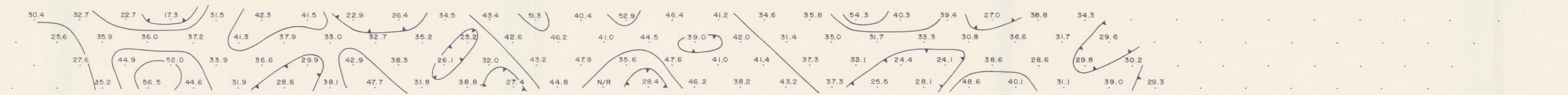
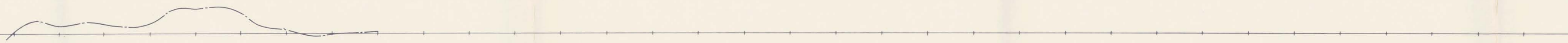
115 N

116 N

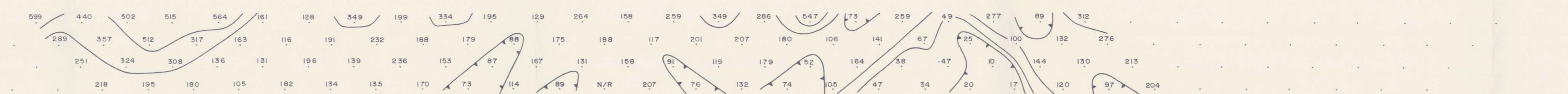
58,500 nT

58,000 nT

MAG.



CHARGEABILITY



Pa

LEGEND

MAG  
 INSTRUMENT: MP-3  
 FIELD MEASUREMENT: TOTAL  
 DATUM: 58,000 nT  
 PROFILE SCALE: 1 cm = 100 nT

I.P.  
 ARRAY: Dipole-Dipole  
 FREQUENCY: 4.0/0.25 Hz  
 a:  
 CONTOUR INTERVAL:  
 P.F.E.: 10, 20, 30  
 Pa: 100, 300, 500, 1000,  
 1500, 2500

GEOLOGICAL BRANCH ASSESSMENT REPORT

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REVISED	TAS GRID	
	I.P. and MAG. SURVEY	
	Line 108 E	
PROJ. No. 5-71	SURVEY BY: P.W. + ASSOC.	DATE: NOV/DEC 85
N.T.S.	DRAWN BY: J. Serwin	SCALE: 1:1250
DWG. No.	NORANDA EXPLORATION	
	OFFICE: VANCOUVER	

9600N

10100N

10600N

MAG

P.F.E.

Pa

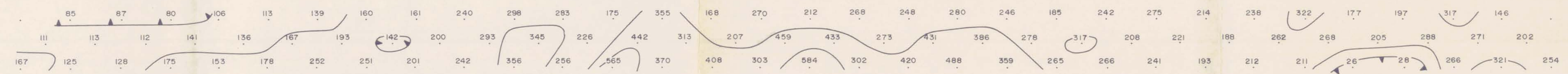
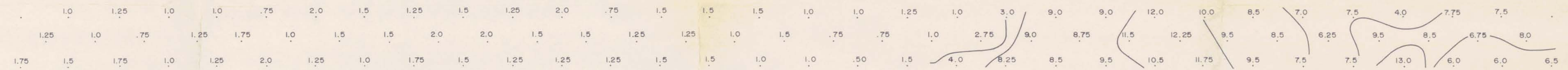
LEGEND

MAG  
INSTRUMENT:  
FIELD MEASUREMENT:  
DATUM:  
PROFILE SCALE:

I.P.  
ARRAY: Dipole-Dipole  
FREQUENCY: 4.0/0.25 Hz  
a: 50m  
CONTOUR INTERVAL:  
P.F.E.: 3.0, 5.0, 7.5  
Pa: 100, 150, 300, 500, 750, 1000

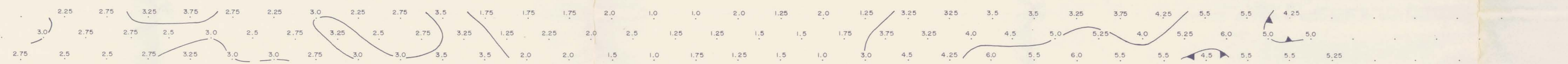
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,763  
Part 1 of 2



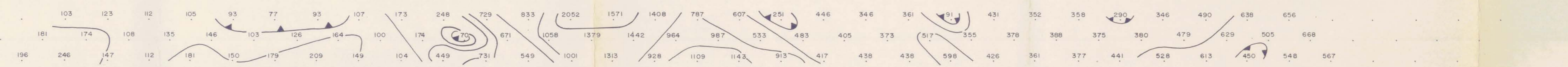
REVISED	TAS
	I.P. and MAG SURVEY
	Line III+OOE
PROJ. No.	SURVEY BY: J. Serwin DATE: April 1987
N.T.S.	DRAWN BY: J. Serwin SCALE: 1:2,500
DWG. No.	NORANDA EXPLORATION OFFICE: VANCOUVER

108+00N  
106+00N  
104+00N  
102+00N  
100+00N  
98+00N  
96+00N  
94+00N



MAG.

P.F.E.



I.P.

LEGEND

MAG  
INSTRUMENT:  
FIELD MEASUREMENT:  
DATUM:  
PROFILE SCALE:

I.P.  
ARRAY: Dipole-Dipole  
FREQUENCY: 4.0/0.25 Hz  
a: 50 m  
CONTOUR INTERVAL:  
P.F.E.: 3.0, 5.0, 7.5  
I.P.: 100, 150, 300, 500, 750, 1000

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

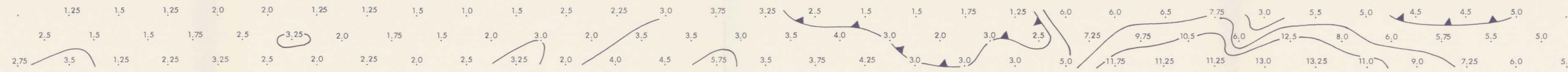
**16,763**  
Part 1 of 2

REVISED	TAS
	I.P. and MAG. SURVEY
	Line 115+00 E.
PROJ. No.	SURVEY BY: J. Serwin DATE: April 1987
N.T.S.	SCALE: 1:2,500
DWG. No.	NORANDA EXPLORATION OFFICE: VANCOUVER

10600N

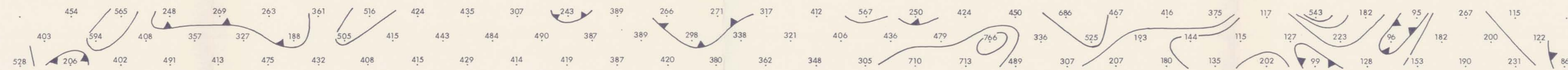
1100N

11600N



MAG.

P.F.E.



Pa

LEGEND

MAG

INSTRUMENT: \_\_\_\_\_  
 FIELD MEASUREMENT: \_\_\_\_\_  
 DATUM: \_\_\_\_\_  
 PROFILE SCALE: \_\_\_\_\_

I.P.

ARRAY: \_\_\_\_\_ Dipole-Dipole  
 FREQUENCY: 4.0/0.25 Hz  
 a: \_\_\_\_\_ 50m  
 CONTOUR INTERVAL: \_\_\_\_\_  
 P.F.E.: 3.0, 5.0, 7.5  
 Pa: 100, 150, 300, 500, 750, 1000

GEOLOGICAL BRANCH ASSESSMENT REPORT

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REVISED	TAS	
	I.P. and MAG. SURVEY	
	Line 119+00E.	
PROJ. No. _____	SURVEY BY: P.A., J.S.	DATE: April 1987
N.T.S.	SCALE: 1:2,500	
DWG. No. _____	NORANDA EXPLORATION	
	OFFICE: VANCOUVER	

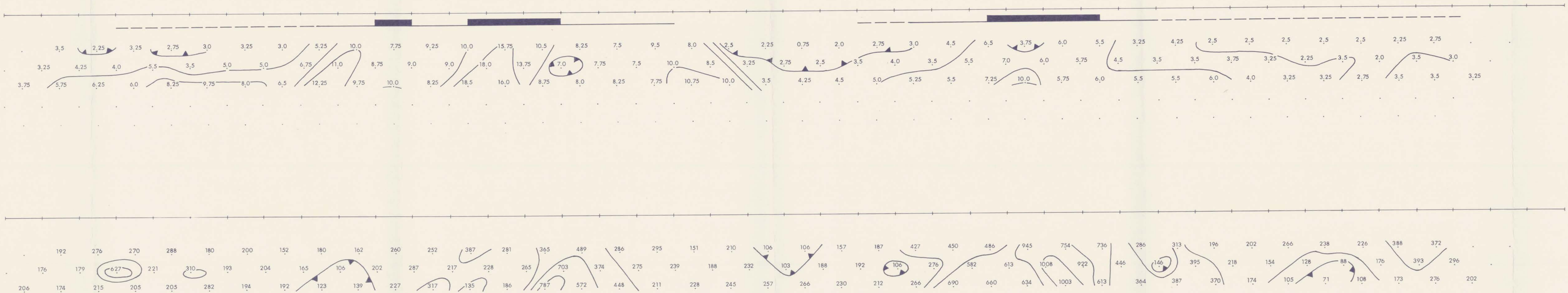


10100 N

10600 N

11100 N

11600 N



MAG.

P.F.E.

Pa

LEGEND

MAG  
 INSTRUMENT: ...  
 FIELD MEASUREMENT: ...  
 DATUM: ...  
 PROFILE SCALE: ...

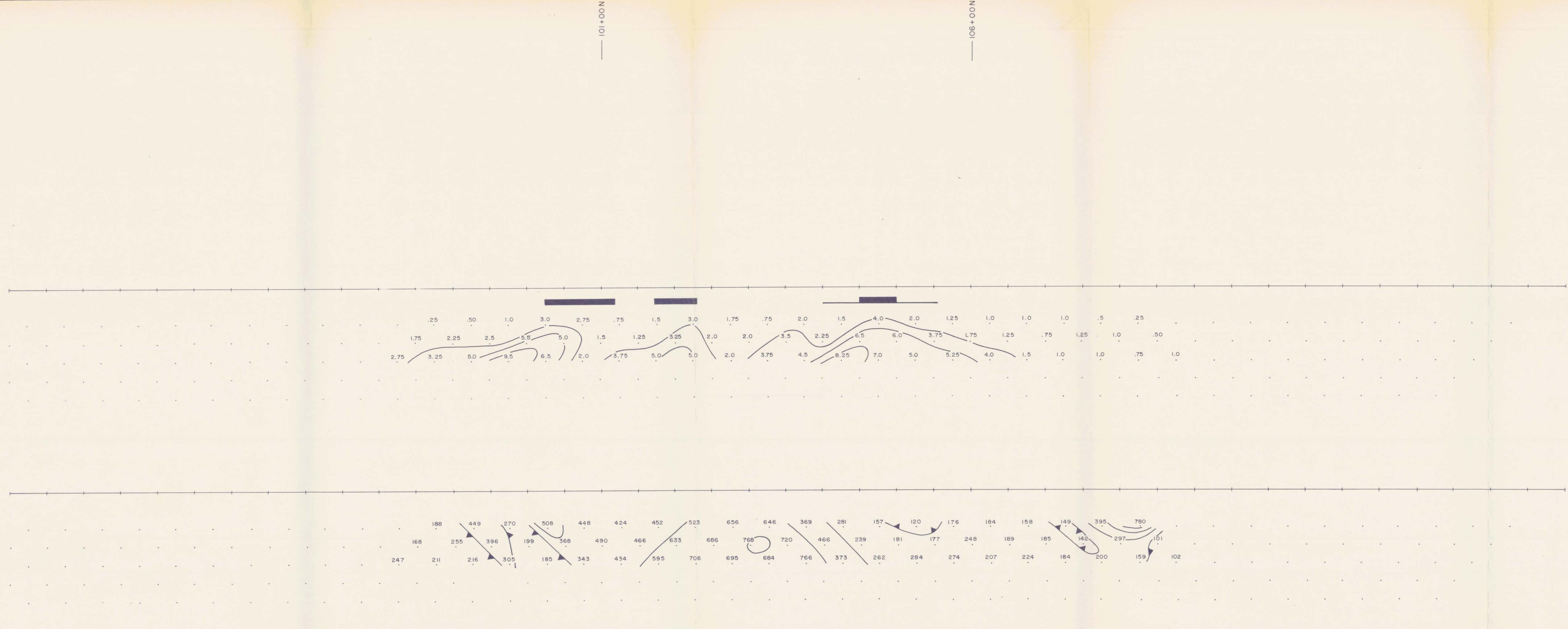
I.P.  
 ARRAY: ... Dipole-Dipole  
 FREQUENCY: ... 4.0/0.25 Hz  
 a: ... 50m  
 CONTOUR INTERVAL:  
 P.F.E.: ... 3.0, 5.0, 7.5  
 Pa: ... 100, 150, 300, 500, 750, 1000

GEOLOGICAL BRANCH ASSESSMENT REPORT

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REVISED	TAS	
	I.P. and MAG. SURVEY	
	Line 124+00 E.	
PROJ. No.	SURVEY BY: P.A., J.S.	DATE: April 1987
NT'S		SCALE: 1:2,500
DWG. No.	NORANDA EXPLORATION	
	OFFICE: VANCOUVER	



LEGEND

MAG.  
 INSTRUMENT: .....  
 FIELD MEASUREMENT: .....  
 DATUM: .....  
 PROFILE SCALE: .....

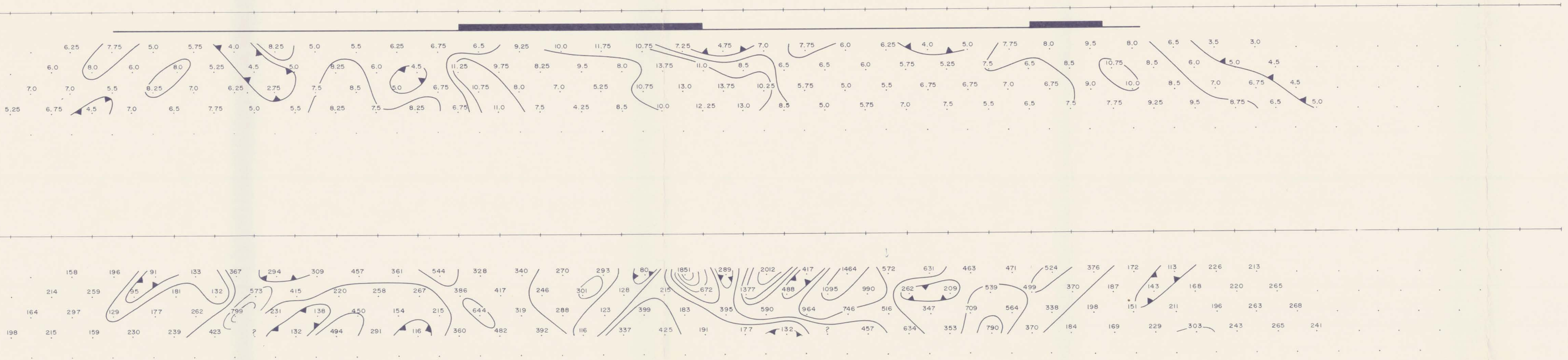
I.P.  
 ARRAY: ..... Dipole-Dipole  
 FREQUENCY: ..... 4.0/0.25 Hz  
 α: ..... 50 m  
 CONTOUR INTERVAL:  
 P.F.E.: 3.0, 5.0, 7.5  
 Pa: 100, 150, 300, 500,  
 750, 1000

GEOLOGICAL BRANCH  
 ASSESSMENT REPORT

16,763  
 Part 1 of 2

REVISED	TAS
	I.P. and MAG. SURVEY
	Line 129+00E.
PROJ. No. _____	SURVEY BY: _____ DATE: April 1987
NTS _____	DRAWN BY: J. S. R. Min SCALE: 1:2,500
DWG. No. _____	NORANDA EXPLORATION
	OFFICE: VANCOUVER

49600 N  
49700 N  
49800 N  
49900 N  
50000 N  
50100 N  
50200 N  
50300 N  
50400 N



LEGEND

MAG  
INSTRUMENT: .....  
FIELD MEASUREMENT: .....  
DATUM: .....  
PROFILE SCALE: 1:1000

I.P.  
ARRAY: ..... Dipole-Dipole  
FREQUENCY: ..... 4.0/0.25 Hz  
a: ..... 25 m  
CONTOUR INTERVAL:  
P.F.E.: 3.0, 5.0, 7.5  
Pa: 100, 150, 300, 500,  
750, 1000

MAG

P.F.E.

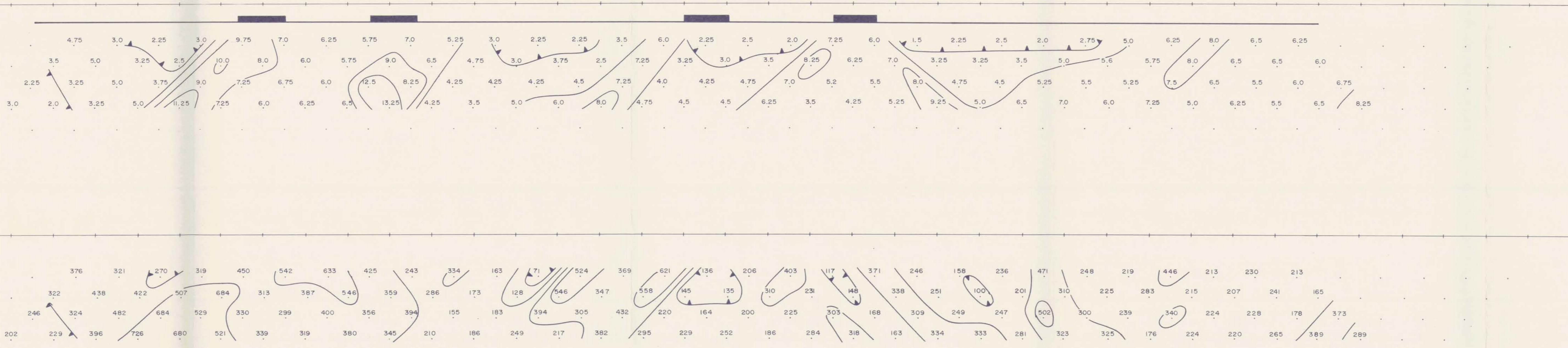
Pa

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ASSESSMENT REPORT**

**16,763**  
Part 1 of 2

REVISED	TAS
	I.P. and MAG. SURVEY
	Line 490+00E.
PROJ. No. _____	SURVEY BY: J. Serwin DATE: _____
N.T.S.	SCALE: 1:1,250
DWG. No. _____	NORANDA EXPLORATION OFFICE: VANCOUVER

49600N  
49700N  
49800N  
49900N  
50000N  
50100N  
50200N  
50300N  
50400N



LEGEND

MAG  
INSTRUMENT:  
FIELD MEASUREMENT:  
DATUM:  
PROFILE SCALE:

I.P.  
ARRAY: Dipole-Dipole  
FREQUENCY: 4.0/0.25 Hz  
a: 25m  
CONTOUR INTERVAL:  
P.F.E.: 3.0, 5.0, 7.5  
I.P.: 100, 150, 300, 500, 750, 1000

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ASSESSMENT REPORT**

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REVISED	TAS
	I.P. and MAG. SURVEY
	Line 492+00E.
PROJ. No.	SURVEY BY: J. SEWID DATE:
NTS	DRAWN BY: J. SEWID SCALE: 1:1250
DWG. No.	NORANDA EXPLORATION OFFICE: VANCOUVER

— 496+00N.

— 497+00N.

— 498+00N.

— 499+00N.

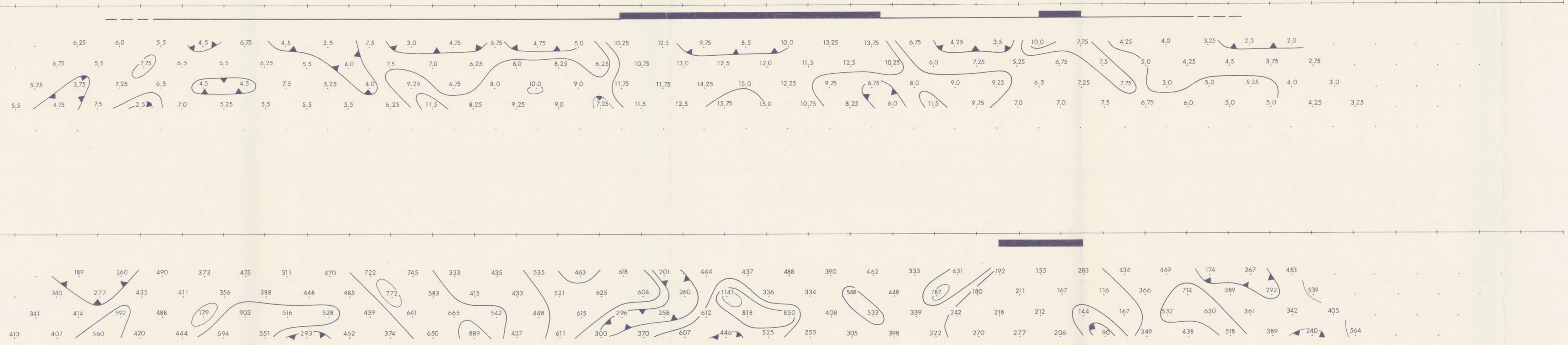
— 500+00N.

— 501+00N.

— 502+00N.

— 503+00N.

— 504+00N.



MAG.

P.F.E.

Pa

LEGEND

MAG  
 INSTRUMENT:  
 FIELD MEASUREMENT:  
 DATUM:  
 PROFILE SCALE:

I.P.  
 ARRAY: Dipole-Dipole  
 FREQUENCY: 4.0/0.25 Hz  
 25m  
 CONTOUR INTERVAL:  
 P.F.E.: 3.0, 5.0, 7.5  
 Pa: 100, 150, 300, 500,  
 750, 1000

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**16,763**  
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REVISED	TAS
	I.P. and MAG. SURVEY
	Line 494+00E.
PROJ. No.	SURVEY BY: P.Arthur DATE:
NTS	DRAWN BY: P.Arthur SCALE: 1:1,250
DWG. No.	NORANDA EXPLORATION OFFICE: VANCOUVER

— 496+00N.

— 497+00N.

— 498+00N.

— 499+00N.

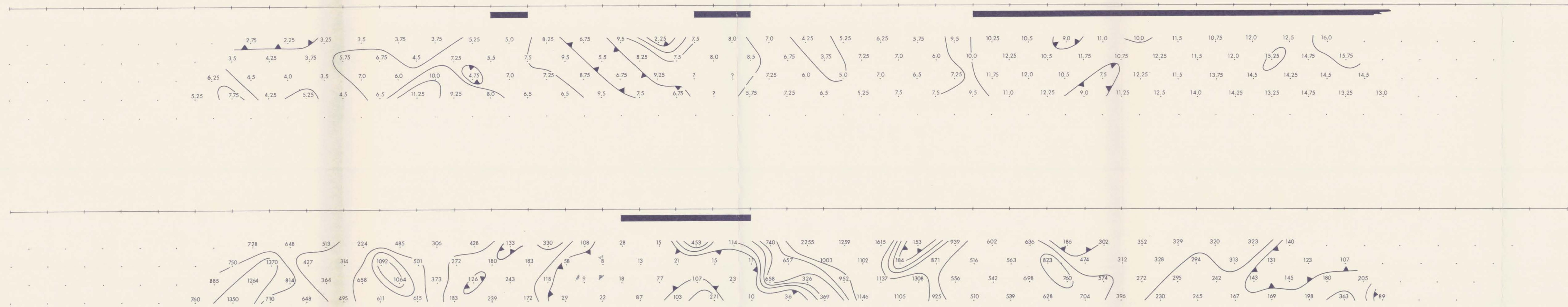
— 500+00N.

— 501+00N.

— 502+00N.

— 503+00N.

— 504+00N.



LEGEND

MAG  
 INSTRUMENT:  
 FIELD MEASUREMENT:  
 DATUM:  
 PROFILE SCALE:

MAG.

I.P.

ARRAY: Dipole-Dipole  
 FREQUENCY: 4.0/0.25 Hz  
 0.25m  
 CONTOUR INTERVAL:  
 P.F.E.: 3.0, 5.0, 7.5  
 Pa: 100, 150, 300, 500,  
 750, 1000

P.F.E.

Pa

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

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 Part 1 of 2

REVISED	TAS
	I.P. and MAG. SURVEY
	Line 496+00E.
PROJ. No.	SURVEY BY: P. Arthur DATE:
N.T.S.	DRAWN BY: P. Arthur SCALE: 1:1250
DWG. No.	NORANDA EXPLORATION
	OFFICE: VANCOUVER

— 496+00N.

— 497+00N.

— 498+00N.

— 499+00N.

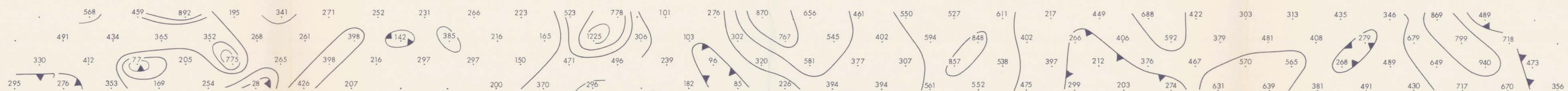
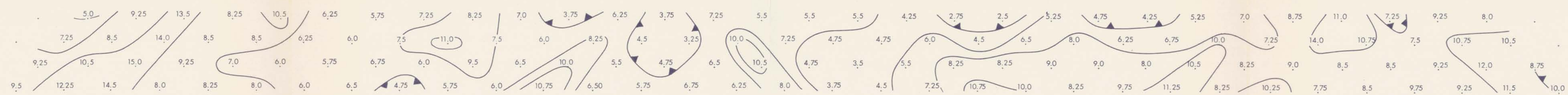
— 500+00N.

— 501+00N.

— 502+00N.

— 503+00N.

— 504+00N.



LEGEND

MAG

INSTRUMENT :  
 FIELD MEASUREMENT :  
 DATUM :  
 PROFILE SCALE :

MAG

I.P.

ARRAY : Dipole - Dipole  
 FREQUENCY : 4.0 / 0.25 Hz  
 a : 25 m  
 CONTOUR INTERVAL :  
 P.F.E. : 3.0, 5.0, 7.5  
 Pa : 100, 150, 300, 500,  
 750, 1000

P.F.E.

Pa

**GEOLOGICAL BRANCH  
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REVISED	TAS
	I.P. and MAG. SURVEY
	Line 498+00E.
PROJ. No.	DATE
NTS	drawn by P. Arthur SCALE: 1:1,250
DWG. No.	NORANDA EXPLORATION OFFICE: VANCOUVER

— 496+00N.

— 497+00N.

— 498+00N.

— 499+00N.

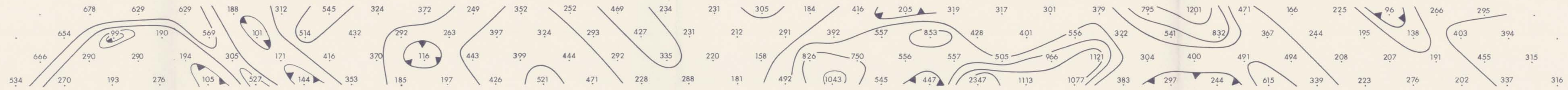
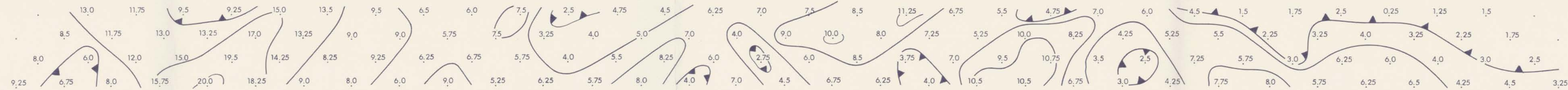
— 500+00N.

— 501+00N.

— 502+00N.

— 503+00N.

— 504+00N.



LEGEND

MAG

INSTRUMENT:  
 FIELD MEASUREMENT:  
 DATUM:  
 PROFILE SCALE:

MAG.

I.P.

ARRAY: Dipole-Dipole  
 FREQUENCY: 4.0/0.25 Hz  
 a: 25 m  
 CONTOUR INTERVAL:  
 P.F.E.: 3.0, 5.0, 7.5  
 I.P.: 100, 150, 300, 500,  
 750, 1000

P.F.E.

GEOLOGICAL BRANCH ASSESSMENT REPORT

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REVISED	TAS
	I.P. and MAG. SURVEY
	Line 500+00E.
PROJ. No.	SURVEY BY: P. Arthur DATE: 11/25/00
NTS	DRAWN BY: P. Arthur SCALE: 1:1,250
DWG. No.	NORANDA EXPLORATION OFFICE: VANCOUVER



— 496+00N.

— 497+00N.

— 498+00N.

— 499+00N.

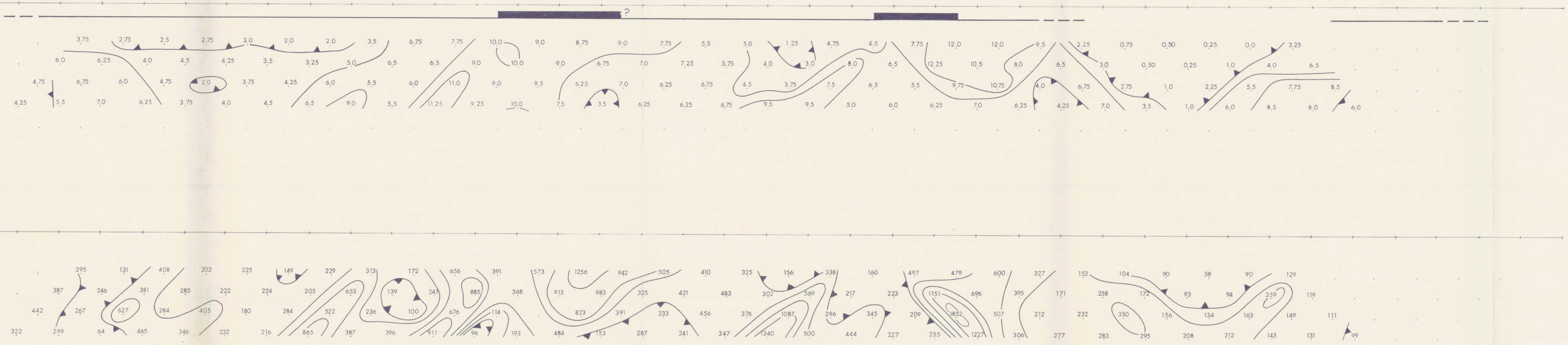
— 500+00N.

— 501+00N.

— 502+00N.

— 503+00N.

— 504+00N.



LEGEND

MAG

INSTRUMENT:  
 FIELD MEASUREMENT:  
 DATUM:  
 PROFILE SCALE:

MAG

I.P.

ARRAY: Dipole-Dipole  
 FREQUENCY: 4.0/0.25 Hz  
 a: 25m  
 CONTOUR INTERVAL:  
 PFE: 3.0, 5.0, 7.5  
 Pa: 100, 150, 300, 500, 750, 1000

PFE

Pa

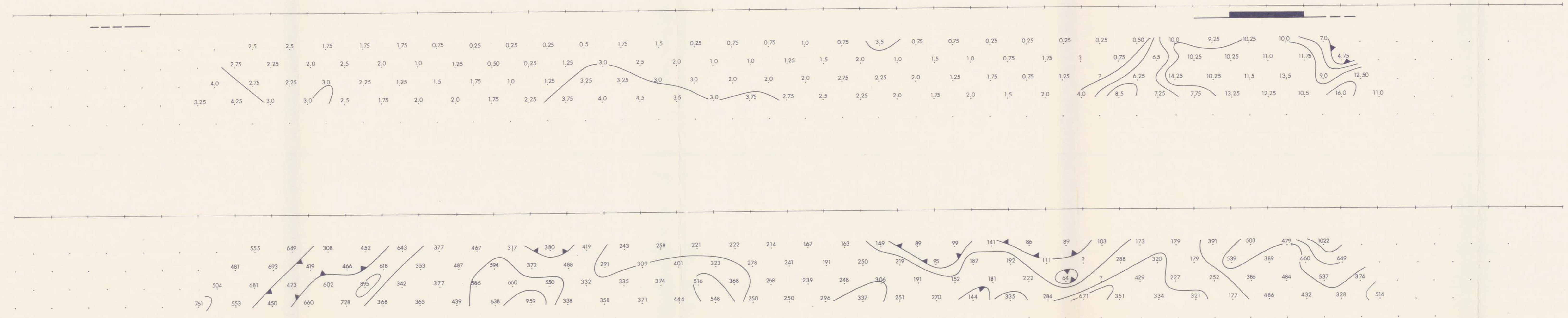
**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**16,763**

Part 1 of 2

REVISED	TAS
	I.P. and MAG. SURVEY
	Line 502+00E.
PROJ. No.	SURVEY BY: P. Arthur DATE: SCALE: 1:1,250
N.T.S.	
DWG. No.	NORANDA EXPLORATION OFFICE: VANCOUVER

— 496+00N. — 497+00N. — 498+00N. — 499+00N. — 500+00N. — 501+00N. — 502+00N. — 503+00N. — 504+00N.



LEGEND

MAG  
 INSTRUMENT:  
 FIELD MEASUREMENT:  
 DATUM:  
 PROFILE SCALE:

MAG.

I.P.  
 ARRAY: Dipole-Dipole  
 FREQUENCY: 4.0/0.25 Hz  
 a: 25 m  
 CONTOUR INTERVAL:  
 P.F.E.: 3.0, 5.0, 7.5  
 Pa: 100, 150, 300, 500, 750, 1000

P.F.E.

Pa

**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**

**16,763**  
 Part 1 of 2

REVISED	TAS	
	I.P. and MAG. SURVEY	
	Line 504+00E.	
PROJ. No.	SURVEY BY: P. Arthur	DATE:
N.T.S.	SCALE: 1:1,250	
DWG. No.	NORANDA EXPLORATION	
	OFFICE: VANCOUVER	