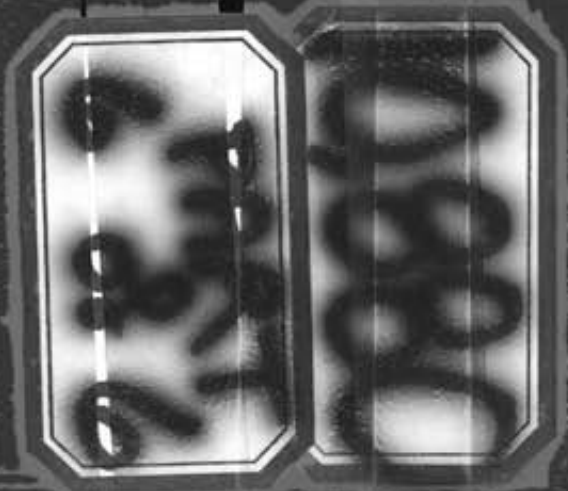


PHOENIX GEOPHYSICS LIMITED
REPORT ON THE
INDUCED POLARIZATION AND RESISTIVITY SURVEYS
ON THE
TA HOOLA PROJECT
KAMLOOPS MINING DIVISION
BRITISH COLUMBIA
FOR

10880

SMD MINING COMPANY LIMITED
VOLUME III

6 of 6



SMD MINING TA 1-6 L93+90N X=50M RHO (OHM-M)		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	
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	
COORDINATE	9750E	9850E	9950E	10050E	10150E	10250E	10350E	10450E	10550E	10650E	10750E	10850E	10950E	11050E	11150E	11250E	11350E	11450E	11550E	11650E																				
INTERPRETATION																																								
N=1	796	707	1114	1173	1231	2402	1725	890	620	308	253	434	505	970	423	641	454	374	572	278	416	369	271	318	240	257	242	202	181	147	131	138	231	191	220	226	377	455	393	
N=2	1130	854	1006	1735	1233	1935	1586	1394	900	417	483	405	311	978	829	556	855	361	851	403	485	634	537	438	381	326	317	343	254	216	188	154	230	266	228	318	344	370	377	
N=3	1050	1029	1445	2082	1585	1086	1228	1183	686	596	626	270	588	787	1143	655	714	745	665	698	461	763	711	523	440	416	386	345	253	235	213	226	249	277	294	396	352	267		
N=4	1181	1425	1678	2785	833	793	918	967	879	694	376	505	462	1106	1330	533	1308	560	842	575	460	910	817	548	503	408	362	318	252	252	236	236	257	356	344	473	248			
N=5																																								
N=6																																								

SMD MINING TA 1-6 L93+90N X=50M PFE		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		
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		
COORDINATE	9750E	9850E	9950E	10050E	10150E	10250E	10350E	10450E	10550E	10650E	10750E	10850E	10950E	11050E	11150E	11250E	11350E	11450E	11550E	11650E																					
INTERPRETATION																																									
N=1	4.2	2.9	2.6	2.6	2.6	3.4	3.2	3.2	3	2.7	2.1	1.9	2.4	2.9	3.5	4.1	3.7	2.3	3.1	2	2.1	2	1.5	1.6	1.3	1.5	1.2	1.2	1.1	1.5	2.3	2.3	2	2	1.8	2.2	2.7	2.8	2.3		
N=2	4.1	3.8	3	3.1	2.9	2.6	3	3.5	3.2	3	2.7	2	2.8	4.1	4.5	4.9	5.2	3.3	3	2.7	2.3	2.3	2	1.8	1.7	1.4	1.4	1.5	1.6	2	2.4	2.8	2.8	2.3	2.1	2.7	2.9	2.8	2.2		
N=3	3.8	4.1	3.9	3.8	2.7	2.5	3.3	3.3	3.1	3	2.7	2.6	4.8	5.3	5.4	5.6	4.5	3.8	3.4	3.1	2.3	2.5	2.3	2.1	1.6	1.6	1.7	1.7	2.8	3.1	2.7	3.1	2.8	2.5	3	3.2	2.5	1.7			
N=4	3.8	4.8	4.1	3.1	2.7	3	3.2	3.2	3	2.8	3.7	4.9	5.5	5.8	5.5	4.4	4.9	4.6	3.9	3.2	2.3	2.7	2.3	1.9	1.9	1.9	2.1	2.1	3	4	2.6	3.1	3	2.8	3.5	2.7	2.1				
N=5																																									
N=6																																									

SMD MINING TA 1-6 L93+90N X=50M METAL FACTOR		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		
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		
COORDINATE	9750E	9850E	9950E	10050E	10150E	10250E	10350E	10450E	10550E	10650E	10750E	10850E	10950E	11050E	11150E	11250E	11350E	11450E	11550E	11650E																					
INTERPRETATION																																									
N=1	5.3	4.1	2.3	2.2	2.1	1.4	1.9	3.6	4.8	8.8	8.3	4.4	4.8	3	8.3	6.4	8.1	6.1	5.4	7.2	5	5.4	5.5	5	5.4	5.8	5	5.9	6.1	10	18	17	8.7	10	8.2	3.7	7.2	6.2	5.9		
N=2	3.6	4.4	3	1.8	2.4	1.3	1.9	2.5	3.6	7.2	5.6	4.9	9	4.2	5.4	8.8	6.1	9.1	3.5	5.6	4.7	3.6	3.7	4.1	4.5	4.3	4.4	4.4	6.3	9.3	13	18	12	8.6	9.2	9.5	8.4	7.5	5.8		
N=3	3.6	4	2.7	1.8	1.7	2.3	2.7	2.8	4.5	5	4.3	9.6	8.2	6.7	4.7	8.5	6.3	5.1	5.1	4.4	5	3.3	3.2	4	3.6	3.8	4.4	4.9	11	13	13	14	11	9	10	8.1	7.1	6.4			
N=4	3.2	3.4	2.4	1.1	3.2	3.8	3.5	3.3	3.4	4	9.8	9.7	12	5.2	4.1	8.3	3.7	8.2	4.6	5.6	5	3	2.8	3.5	3.8	4.7	5.8	6.6	12	16	11	13	12	7.9	10	5.7	6.5				
N=5																																									
N=6																																									

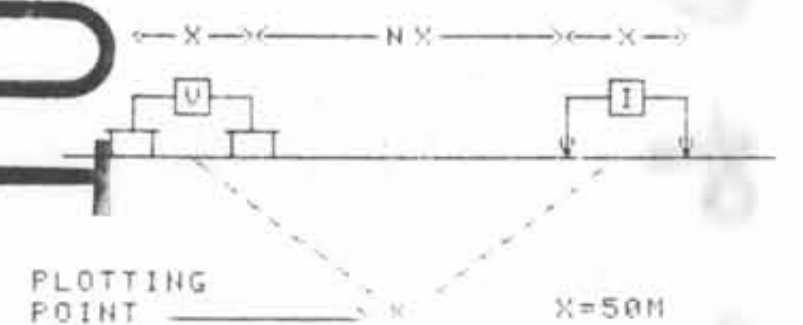
SMD MINING CO. LTD.

TA HOOLA 1-6
KARLOOPS M.D.
LINE NO. -L93+90N

GEOLOGICAL BRANCH ASSESSMENT REPORT

PART 6 of 6

10,880



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE **——**
PROBABLE **-----**
POSSIBLE **|||||**

FREQUENCY (HERTZ) 4 0HZ; 0 25HZ DATE SURVEYED JUN-AUG 1982 APPROVED PAC

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5 -2.-3.-5.-7.5.-10 DATE Nov 22/82

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION AND RESISTIVITY SURVEY

SMD MINING TA 1-6 L92+68N 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	
COORDINATE	9300E	9400E	9500E	9600E	9700E	9800E	9900E	10000E	10100E	10200E	10300E	10400E	10500E	10600E	10700E	10800E	10900E	11000E	11100E																		
INTERPRETATION																																					
N=1	386	485	268	299	450	668	1049	1074	1345	2043	2122	1411	1416	954	1207	695	352	1480	679	555	374	544	618	1204	656	580	537	356	228	642	460	259	241	191	306	216	233
N=2	440	356	433	444	633	1250	1377	1131	1823	1903	1323	2636	653	654	570	417	727	1350	279	619	799	429	1100	1008	589	992	555	405	276	549	493	420	298	293	352	390	
N=3	310	527	535	547	998	1389	1408	1482	1639	1181	2613	1159	690	990	1235	969	629	463	293	1229	658	640	720	1026	855	898	502	396	298	573	677	453	392	420	475		
N=4	486	679	609	795	1002	1484	1767	1252	989	2200	1102	1138	1102	573	2888	756	262	489	577	911	928	444	725	1205	741	733	429	397	302	723	592	574	506	466			
N=5																																					
N=6																																					

SMD MINING TA 1-6 L92+68N 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	
COORDINATE	9300E	9400E	9500E	9600E	9700E	9800E	9900E	10000E	10100E	10200E	10300E	10400E	10500E	10600E	10700E	10800E	10900E	11000E	11100E																		
INTERPRETATION																																					
N=1	1.1	1.2	1.1	1.5	1.7	1.8	2	2.7	4	4.7	3.6	3.9	2.8	2.5	1.9	2	1.8	3.2	2.2	2.1	1.7	2.5	2.4	3.1	2.6	2.5	2.5	2.6	2.3	2	2	1.5	1.5	1.4	1	1.1	1.4
N=2	1.2	1.1	1.5	1.5	1.8	2.4	3.4	3.7	5	4.7	2.5	4.2	1.9	2.2	2.7	1.7	2.3	3.2	2	2.5	2.3	2.2	3.1	3.5	2.8	3.1	3.1	2.4	2.3	2.1	1.7	1.6	1.4	1.4	1.1	1.2	
N=3	1.1	1.4	1.4	1.9	2.3	3.8	4	4.7	4	3.3	3	3.7	2.6	2.9	2.6	2.4	2.3	3	2.1	3.3	2.1	2.7	3.1	3.8	3.4	3.3	2.9	2.2	2.1	1.9	1.7	1.8	1.7	1.2	1.3		
N=4	1.6	1.5	1.8	2.4	3.6	3.5	4.9	3.7	3.3	4.1	2.5	3.7	3.4	2.7	3.5	2.4	2.6	2.9	2.8	2.8	2.8	3	3.4	4.3	3.6	3.3	3.2	2.5	2.1	1.8	2	1.6	1.6	1.8			
N=5																																					
N=6																																					

SMD MINING TA 1-6 L92+68N 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	
COORDINATE	9300E	9400E	9500E	9600E	9700E	9800E	9900E	10000E	10100E	10200E	10300E	10400E	10500E	10600E	10700E	10800E	10900E	11000E	11100E																		
INTERPRETATION																																					
N=1	2.8	2.5	4.1	5	3.8	2.7	1.9	2.5	3	2.3	1.7	2.8	2	2.6	1.6	2.9	5.1	2.2	3.2	3.8	4.5	4.6	3.9	2.6	4	4.3	4.7	7.3	10	3.1	4.3	5.8	6.2	7.3	4.9	5.1	6
N=2	2.7	3.1	3.5	3.4	2.8	1.9	2.5	3.3	2.7	2.5	1.9	1.6	2.9	3.4	4.7	4.1	3.2	2.4	7.2	4	2.9	5.1	2.8	3.5	4.8	3.1	5.6	5.9	8.3	3.8	3.4	3.8	4.7	4.6	3.1	3.1	
N=3	3.5	2.7	2.6	3.5	2.3	2.7	2.8	3.2	2.4	2.8	1.1	3.2	3.8	2.9	2.1	2.5	3.7	6.5	7.2	2.7	3.2	4.2	4.3	3.7	4	3.7	5.8	5.6	7	3.3	2.5	4	4.3	2.9	2.7		
N=4	3.3	2.2	3	3	3.6	2.4	2.8	3	3.3	1.8	2.3	3.3	3.1	4.7	12	3.2	9.9	5.9	4.9	3.1	3	6.8	4.7	3.6	4.9	4.5	7.5	6.3	7	2.5	3.4	2.8	3.2	3.9			
N=5																																					
N=6																																					

PART 6 of 6

10,880

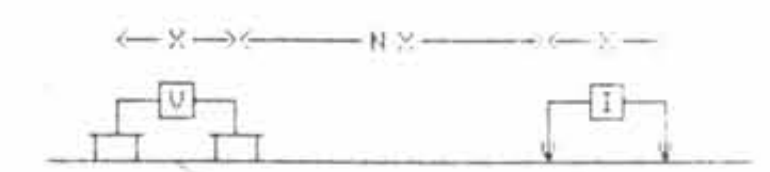
GEOLOGICAL BRANCH ASSESSMENT REPORT

SMD MINING CO. LTD.

TA HOOLA 1-6

KAMLOOPS B.C.

LINE NO -92+ESH



PLOTTING POINT X X=50M
SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
PROBABLE
POSSIBLE

FREQUENCY (HERTZ) 4 0HZ:0 25HZ DATE SURVEYED JUN-AUG 1982 APPROVED

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1:-1.5 -2:-3,-5,-7,5,-10 DATE Nov 22/82

PHOENIX GEOPHYSICS LTD.

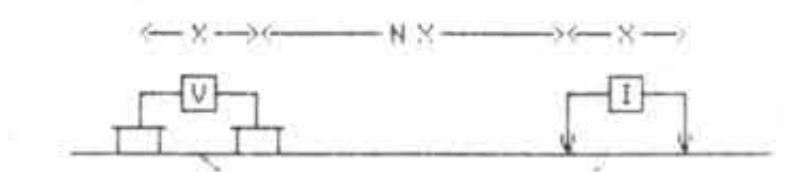
INDUCED POLARIZATION AND RESISTIVITY SURVEY

SMD MINING CO. LTD.

TA HOOLA 1-6

KAMLOOPS M.D.

LINE NO -L91+46H



PLOTTING POINT X X=50M
SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
PROBABLE
POSSIBLE

FREQUENCY (HERTZ) 4.0HZ:0.25HZ
DATE SURVEYED JUN-AUG 1982
APPROVED PAC
NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5
-2.-3.-5.-7.5.-10
DATE Nov 22/82

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
AND RESISTIVITY SURVEY

SMD MINING TA 1-6 L91+46H X=50M RHO (OHM-M)		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		
DIPOLE NUMBER	COORDINATE	9300E	9400E	9500E	9600E	9700E	9800E	9900E	10000E	10100E	10200E	10300E	10400E	10500E														
INTERPRETATION																												
N=1		199	200	302	441	698	1875	2418	2397	4497	3050	2738	604	797	451	656	1315	593	1162	1012	356	725	470	448	328	543	770	H=1
N=2		274	331	623	552	957	1595	2451	3231	4175	1296	932	1577	948	239	1182	1616	454	1103	1125	533	624	577	647	578	679	H=2	
N=3		383	575	765	599	922	1422	3247	3428	1634	509	2174	1610	549	587	1440	1025	447	690	875	561	620	686	967	665	H=3		
N=4		704	706	884	778	804	1898	3178	1626	785	1182	2111	888	1235	940	894	949	299	835	667	450	717	945	999	H=4			
N=5																											H=5	
N=6																											H=6	

SMD MINING TA 1-6 L91+46H X=50M PFE		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		
DIPOLE NUMBER	COORDINATE	9300E	9400E	9500E	9600E	9700E	9800E	9900E	10000E	10100E	10200E	10300E	10400E	10500E														
INTERPRETATION																												
N=1		1.4	1	.9	.9	2.1	2.2	3.1	2.4	2.5	2.4	3.1	2.4	2.5	2.2	2.7	2.8	2.4	2.8	2.7	1.9	2	2	1.9	2.1	2.2	2.1	H=1
N=2		1	1.1	1.3	2.2	1.9	2.2	2.9	3.1	3.8	3.1	2.4	3.5	3.1	1.1	3.7	3.4	2	3.5	2.7	2.4	2.5	2.3	2.9	2.7	2.2	H=2	
N=3		1.1	1.4	2.5	3.8	1.9	2.1	3.7	3.8	2.6	2.3	3.2	3.7	2	2.7	3.9	3	2.2	3.1	3.3	2.8	2.7	2.4	3.2	2.8	H=3		
N=4		1.6	2.6	2.1	.8	2.2	2.7	4.6	3.5	2.1	3.1	3.4	3	3.5	3.4	3.3	3.3	2.4	4	3.5	2.9	2.8	3	3.1	H=4			
N=5																											H=5	
N=6																											H=6	

SMD MINING TA 1-6 L91+46H X=50M METAL FACTOR		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		
DIPOLE NUMBER	COORDINATE	9300E	9400E	9500E	9600E	9700E	9800E	9900E	10000E	10100E	10200E	10300E	10400E	10500E														
INTERPRETATION																												
N=1		7	5	3	2	3	1.2	1.3	1	.6	.8	1.1	4	3.1	4.9	4.1	2.1	4	2.4	2.7	5.3	2.8	4.3	4.2	6.4	4.1	2.7	H=1
N=2		3.6	3.3	2.1	4	2	1.4	1.2	1	.9	2.4	2.6	2.2	3.3	4.6	3.1	2.1	4.4	3.2	2.4	4.5	4	4	4.5	4.7	3.2	H=2	
N=3		2.9	2.4	3.3	6.3	2.1	1.5	1.1	1.1	1.6	4.5	1.5	2.3	3.6	4.6	2.7	2.9	4.9	4.5	3.8	5	4.4	3.5	3.3	4.2	H=3		
N=4		2.3	3.7	2.4	1	2.7	1.4	1.4	2.2	2.7	2.6	1.6	3.4	2.8	3.6	3.7	3.5	8	4.8	5.2	6.4	3.9	3.2	3.1	H=4			
N=5																											H=5	
N=6																											H=6	

GEOLOGICAL BRANCH
ASSESSMENT REPORT

10,880
PART 6 of 6

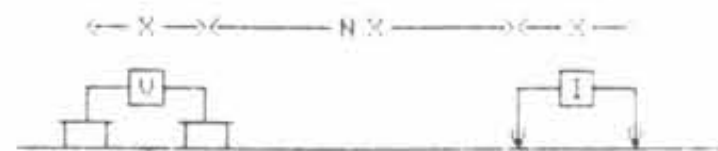
6667

SMD MINING CO. LTD.

TA HOOLA 1-6

KARLOOPS M.D.

LINE NO -L90+24N



PLOTTING POINT X X=50M

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE 
 PROBABLE 
 POSSIBLE 

FREQUENCY (HERTZ)
 4.0HZ. 0.25HZ

DATE SURVEYED JUN-AUG 1982
 APPROVED

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

PAC
 DATE Nov 22/82

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
 AND RESISTIVITY SURVEY

SMD MINING		TA 1-6		L90+24N		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	
COORDINATE	9300E	9400E	9500E	9600E	9700E	9800E	9900E	10000E	10100E	10200E	10300E										
INTERPRETATION																					
N=1	197	254	299	373	527	967	723	932	954	805	828	1406	835	388	501	454	496	396	590	N=1	
N=2	273	431	429	942	1053	611	1071	2288	1011	496	1200	1576	703	648	840	386	542	932	743	N=2	
N=3	441	528	1001	1465	702	742	2271	2201	1079	745	1317	1116	948	981	651	419	1030	1048	346	N=3	
N=4	492	1108	1473	810	794	1397	2060	2226	1253	844	887	1330	1238	698	651	733	1101	473	N=4		
N=5																				N=5	
N=6																				N=6	

SMD MINING		TA 1-6		L90+24N		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	
COORDINATE	9300E	9400E	9500E	9600E	9700E	9800E	9900E	10000E	10100E	10200E	10300E										
INTERPRETATION																					
N=1	1	1.2	1.5	1.8	1.6	1.8	1	1.5	1.6	2.2	2.2	1.9	1.6	2	1.9	1.7	1.9	1.9	2.8	N=1	
N=2	1.3	1.6	1.7	1.8	2.1	1.2	1	1.7	2.2	1.9	2.1	2.3	2.2	2.4	2.4	2.1	2	3.1	3.4	N=2	
N=3	1.3	2.1	1.9	2	1.1	1.4	1.6	2.4	2	2	2.2	2.7	2.6	2.7	2.4	2.5	3.3	3.5	4.2	N=3	
N=4	1.5	1.7	2	1.4	1.6	2.1	2.3	2.1	1.7	2.2	2.5	3	2.9	2.9	2.8	3.7	3.3	3.1	N=4		
N=5																				N=5	
N=6																				N=6	

SMD MINING		TA 1-6		L90+24N		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	
COORDINATE	9300E	9400E	9500E	9600E	9700E	9800E	9900E	10000E	10100E	10200E	10300E										
INTERPRETATION																					
N=1	5.1	4.7	5	4.8	3	1.9	1.4	1.6	1.7	2.7	2.7	1.4	1.9	5.2	3.8	3.7	3.8	4.8	4.7	N=1	
N=2	4.8	3.7	4	2.1	2	2	.9	.7	2.2	3.8	1.8	1.5	3.1	3.7	2.9	5.4	3.7	3.3	4.6	N=2	
N=3	3	4	1.9	1.4	1.6	1.9	.7	1.1	1.9	2.7	1.7	2.4	2.7	2.8	3.7	6	3.2	3.3	12	N=3	
N=4	3	1.5	1.4	1.7	2	1.5	1.1	.9	1.4	2.6	2.8	2.3	2.3	4.2	4.3	5	3	6.6	N=4		
N=5																				N=5	
N=6																				N=6	

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

10,880
 PART 6 of 6

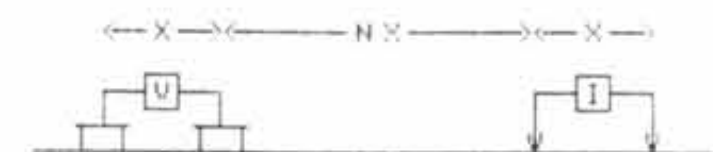
PART 6 of 6

SMD MINING CO. LTD.

TA HOOLA 1-6

KAMLOOPS B.C.

LINE NO -L89+02N



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE 
 PROBABLE 
 POSSIBLE 

FREQUENCY (HERTZ)
 4 0HZ, 0.25HZ

DATE SURVEYED JUN-AUG 1982
 APPROVED

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

PAC
 DATE Nov 22/82

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
 AND RESISTIVITY SURVEY

SMD MINING TA 1-6 L89+02N X=50M RHO (OHM-M)		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
DIPOLE NUMBER		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
COORDINATE		9300E	9400E	9500E	9600E	9700E	9800E	9900E	10000E	10100E	10200E										
INTERPRETATION																					
N=1		160	182	214	244	314	438	840	1196	1120	559	1404	636	679	961	384	342	407	714	764	N=1
N=2		248	298	328	358	504	686	978	1884	1117	1594	1741	296	972	833	359	552	789	762	N=2	
N=3		369	391	407	608	806	722	1293	1407	2343	1606	647	423	747	701	483	1001	738	N=3		
N=4		433	461	639	769	768	978	844	2533	2129	556	886	342	677	957	796	919	N=4			
N=5																				N=5	
N=6																				N=6	

SMD MINING TA 1-6 L89+02N X=50M PFE		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
DIPOLE NUMBER		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
COORDINATE		9300E	9400E	9500E	9600E	9700E	9800E	9900E	10000E	10100E	10200E										
INTERPRETATION																					
N=1		1	1.1	.9	1.1	1.1	1	1.2	1.1	1.7	1.8	2.1	1.4	1.3	1.1	1.9	1.4	1.5	2	2.8	N=1
N=2		.8	1.3	1.5	1.2	1	1.1	1.1	1.6	2.1	2	1.5	1	1.7	1.3	2	1.6	2.3	2.9	N=2	
N=3		1.3	1.5	1.5	1.4	1.1	1.2	1.3	2.1	2.2	1.7	1.4	1.3	1.5	1.5	2	2.4	2.6	N=3		
N=4		1.5	1.6	1.3	1.5	1.2	1.5	1.7	2.3	2.2	1.7	1.6	1.8	1.8	1.9	2.3	3.1	N=4			
N=5																				N=5	
N=6																				N=6	

SMD MINING TA 1-6 L89+02N X=50M METAL FACTOR		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
DIPOLE NUMBER		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
COORDINATE		9300E	9400E	9500E	9600E	9700E	9800E	9900E	10000E	10100E	10200E										
INTERPRETATION																					
N=1		6.3	6	4.2	4.5	3.5	2.3	1.4	.9	1.5	3.2	1.5	2.2	1.9	1.1	4.9	4.1	3.7	2.8	3.7	N=1
N=2		3.2	4.4	4.6	3.4	1.7	1.6	1.1	.8	1.9	1.3	.9	3.4	1.7	1.6	5.6	2.9	2.9	3.8	N=2	
N=3		3.5	3.8	3.7	2.3	1.4	1.7	1	1.5	.9	1.1	2.2	3.1	2	2.1	4.1	2.4	3.5	N=3		
N=4		3.7	3.5	2	2	1.6	1.5	2	.9	1	3	1.8	5.3	2.7	2	2.9	3.4	N=4			
N=5																				N=5	
N=6																				N=6	

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

10,880
 PART 6 of 6

SMD MINING CO. LTD.

TR HOOLA 1-6

KAMLOOPS B. I.

LINE NO. -L87+00N



PLOTTING POINT

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
 PROBABLE
 POSSIBLE

FREQUENCY (HERTZ) 4.0HZ OR 25HZ DATE SURVEYED JUN-AUG 1982 APPROVED

NOTE - CONTOURS AT LOGARITHMIC INTERVALS 1:-1.5 -2:-3 -5:-7 5:-10 DATE Nov 22/82

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION AND RESISTIVITY SURVEY

SMD MINING TR 1-6 L87+80N X=50M RHO (OHM-M)		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
DIPOLE NUMBER		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
COORDINATE		9300E	9400E	9500E	9600E	9700E	9800E	9900E	10000E	10100E	10200E									
INTERPRETATION																				
N=1		162	227	233	238	191	255	213	594	341	384	504	700	373	733	415	620	744	2005	1810
N=2		304	351	245	304	536	377	570	644	483	744	1054	511	396	510	824	664	944	2921	
N=3		415	421	370	665	644	859	621	861	685	1271	683	548	269	1196	728	962	1307		
N=4		472	419	624	665	1270	847	660	1010	838	731	631	337	789	969	920	1250			
N=5																				
N=6																				

SMD MINING TR 1-6 L87+80N X=50M PFE		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
DIPOLE NUMBER		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
COORDINATE		9300E	9400E	9500E	9600E	9700E	9800E	9900E	10000E	10100E	10200E									
INTERPRETATION																				
N=1		2.4	1.7	1.6	1.2	1.5	1.7	1.3	1.4	1.2	1.4	1.2	1.6	1.3	1.6	1.3	1.1	1.8	2.5	2.7
N=2		2.1	1.7	1.8	1.5	1.5	1.3	1	1.5	1.4	1.2	1.4	1.3	1.3	1.5	1.1	1.5	2.5	2.6	
N=3		1.6	1.8	1.5	1.5	1.1	1	1	1.8	1.6	1.4	1.6	1.8	1.3	1.6	1.9	2	2.3		
N=4		1.6	1.5	1.6	1.8	1	1.3	1.4	1.6	1.2	1.5	1.7	1.6	1.3	2.1	2.5	2.3			
N=5																				
N=6																				

SMD MINING TR 1-6 L87+80N X=50M METAL FACTOR		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
DIPOLE NUMBER		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
COORDINATE		9300E	9400E	9500E	9600E	9700E	9800E	9900E	10000E	10100E	10200E									
INTERPRETATION																				
N=1		15	1.5	6.9	5.3	7.9	6.7	6.1	2.8	3.5	3.6	2.4	2.3	3.5	2	3.1	1.8	2.4	1.2	1.5
N=2		6.9	4.8	7.3	4.2	2.8	3.4	1.8	2.3	2.9	1.6	1.3	2.5	3.4	2.9	1.3	2.3	2.6	1.9	
N=3		3.9	4.7	4.1	2.3	1.7	1.2	1.6	2.1	2.3	1.1	2.3	3.3	4.8	1.3	2.6	2.1	1.8		
N=4		3.4	3.6	2.7	1.2	.8	1.5	2.1	1.6	2	2.1	2.7	4.7	1.6	2.2	2.7	1.8			
N=5																				
N=6																				

GEOLOGICAL BRANCH ASSESSMENT REPORT

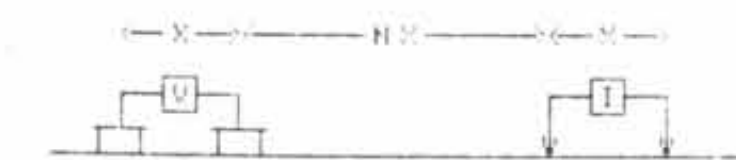
10,880 PART 6 of 6

SMD MINING CO. LTD.

TR H00LR 1-6

KARLOOFS M D

LINE NO -L86+58N



FLOTING POINT X=50M

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
 PROBABLE
 POSSIBLE

FREQUENCY (HERTZ) 4 AND 8 25HZ DATE SURVEYED JUN-AUG 1982 APPROVED

NOTE - CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5 -2.-3.-5.-7 5.-10 DATE Nov 22/82

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION AND RESISTIVITY SURVEY

SMD MINING TR 1-6 L86+58N X=50M PHO (OHM-M)		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
DIPOLE NUMBER																								
COORDINATE	9300E	9400E	9500E	9600E	9700E	9800E	9900E	10000E	10100E	10200E	10300E	10400E												
INTERPRETATION																								
N=1	419	814	1117	785	637	437	457	591	737	994	1152	1226	656	309	228	754	1406	1051	2705	728	297	383	141	211
N=2	438	960	871	492	606	823	567	650	886	1261	941	509	535	404	520	830	823	1688	1755	395	430	563	214	
N=3	576	633	554	478	1041	880	620	721	1049	950	420	456	682	760	583	485	1323	1488	862	498	495	699		
N=4	494	445	594	815	1120	999	678	870	831	410	431	579	1120	866	300	739	1205	751	1191	540	617			
N=5																								
N=6																								

SMD MINING TR 1-6 L86+58N X=50M PFE		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
DIPOLE NUMBER																								
COORDINATE	9300E	9400E	9500E	9600E	9700E	9800E	9900E	10000E	10100E	10200E	10300E	10400E												
INTERPRETATION																								
N=1	1.6	1.6	1.3	1.4	1.3	1.2	1.5	1.3	1.3	1.4	1.8	2	1.8	1.2	1	1.4	1.4	1.3	1	1.2	.8	.9	.8	1.1
N=2	1.5	1.8	1.6	1.5	1.2	1.3	1.2	1.4	1.5	1.7	1.9	1.7	1.2	1.2	1.1	1.2	1.3	1.3	1.4	1.2	1.1	.8	.9	
N=3	1.7	1.6	1.8	1.3	1	1.1	1.6	1.6	1.2	1.9	1.8	1.2	1.2	1.5	1.4	1.2	1.3	1.7	1.6	1.4	1	.9		
N=4	1.8	2.3	1.7	1.2	1.3	1.6	1.6	1.6	1.4	1.7	1.1	1.4	1.4	1.7	1.4	1	1.7	1.8	1.7	1.1	1.2			
N=5																								
N=6																								

SMD MINING TR 1-6 L86+58N X=50M METAL FACTOR		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
DIPOLE NUMBER																								
COORDINATE	9300E	9400E	9500E	9600E	9700E	9800E	9900E	10000E	10100E	10200E	10300E	10400E												
INTERPRETATION																								
N=1	3.8	2	1.2	1.8	2	2.7	3.3	2.2	1.8	1.4	1.6	1.6	2.7	3.9	4.4	1.9	1	1.2	.4	1.6	2.7	2.3	5.7	5.2
N=2	3.4	1.9	1.8	3	2	1.6	2.1	2.2	1.7	1.3	2	3.3	2.2	3	2.1	1.4	1.6	.8	.8	3	2.6	1.4	4.2	
N=3	3	2.5	3.2	2.7	1	1.3	2.6	2.2	1.1	2	4.2	2.6	1.8	2	2.4	2.5	1	1.1	1.9	2.8	2	1.3		
N=4	3.6	5.2	2.9	1.5	1.2	1.6	2.4	1.8	1.7	4.1	2.6	2.4	1.3	2	4.7	1.4	1.4	2.4	1.4	2	1.9			
N=5																								
N=6																								

GEOLOGICAL BRANCH ASSESSMENT REPORT

10,880 PART 6 of 6

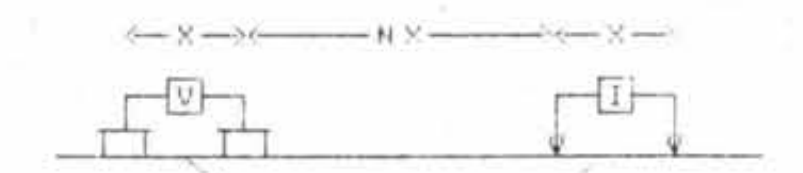
BACK PAGE

SMD MINING CO. LTD.

TR HOOLA 1-6

KARLOOPS M D

LINE NO - L85+36N



PLOTTING POINT

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE

PROBABLE

POSSIBLE

FREQUENCY (HERTZ)
4.0HZ:0.25HZ

DATE SURVEYED JUN-AUG 1982
APPROVED

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

Pac
DATE Nov 22/82

PHOENIX GEOPHYSICS LTD

INDUCED POLARIZATION
AND RESISTIVITY SURVEY

SMD MINING TA 1-6 L85+36N X=50M RHO (OHM-M)		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
DIPOLE NUMBER																									
COORDINATE	9300E	9400E	9500E	9600E	9700E	9800E	9900E	10000E	10100E	10200E	10300E	10400E													
INTERPRETATION																									
N=1	437	504	592	767	1147	1494	685	1089	992	547	504	264	176	195	277	314	357	359	291	232	364	244	260	253	N=1
N=2		631	1110	825	860	1486	861	956	1747	647	497	565	322	236	368	449	403	475	632	431	463	516	339	362	N=2
N=3			1219	1421	826	1145	866	1122	1370	1173	430	495	591	382	394	485	500	485	777	765	626	600	586	422	N=3
N=4				1378	1359	1056	654	1103	1444	899	837	421	495	311	604	511	450	560	706	861	958	720	614	660	N=4
N=5																								N=5	
N=6																								N=6	

SMD MINING TA 1-6 L85+36N X=50M PFE		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
DIPOLE NUMBER																									
COORDINATE	9300E	9400E	9500E	9600E	9700E	9800E	9900E	10000E	10100E	10200E	10300E	10400E													
INTERPRETATION																									
N=1	.8	.9	1	.8	1	1.3	1.2	1.1	1.7	1.7	1.6	1.2	1	1	1.3	1	1.2	1	1.2	.7	.7	1.1	.7	.7	N=1
N=2		2.1	1.2	.8	.8	1.3	1.1	1.4	1.8	1.7	1.7	1.7	1.3	.9	1.1	1.1	1.2	1.3	.7	1.3	.8	.7	1.1	.8	N=2
N=3			1.9	1.1	1.2	.9	1.2	1.9	1.7	1.5	2	1.6	1.3	.6	1.2	1.3	1.3	1.2	.8	1.4	.6	.6	1	N=3	
N=4				1.4	1.8	1.1	.7	1.3	1.4	1.8	1.6	1.4	1.6	1.6	1.6	1.1	1.7	1.4	1.4	1.1	1	1.7	.6	.5	N=4
N=5																								N=5	
N=6																								N=6	

SMD MINING TA 1-6 L85+36N X=50M METAL FACTOR		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
DIPOLE NUMBER																									
COORDINATE	9300E	9400E	9500E	9600E	9700E	9800E	9900E	10000E	10100E	10200E	10300E	10400E													
INTERPRETATION																									
N=1	1.8	1.8	1.7	1	.9	.9	1.8	1	1.7	3.1	3.2	4.5	5.7	5.1	4.7	3.2	3.4	2.8	4.1	3	1.9	4.5	2.7	2.8	N=1
N=2		3.3	1.1	1	.9	.9	1.3	1.5	1	2.6	3.4	3	4	3.8	3	2.4	3	2.7	1.1	3	1.7	1.4	3.2	2.2	N=2
N=3			1.6	.8	1.5	.8	1	1.1	1.4	1.4	3.5	4	2.7	3.4	1.5	2.5	2.6	2.7	1.5	1	2.2	1	1	2.4	N=3
N=4				1	1.3	1	1.1	1.2	1	2	1.9	3.3	3.2	5.1	2.6	2.2	3.8	2.5	2	1.3	1	2.4	1	.8	N=4
N=5																								N=5	
N=6																								N=6	

GEOLOGICAL BRANCH ASSESSMENT REPORT

10,880 PART 6 of 6

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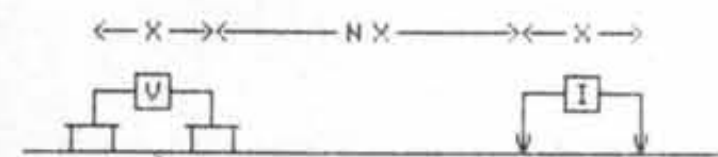
PART 6 of 6

SMD MINING CO. LTD.

TA HOO LA 1-6

KAMLOOPS B.C.

LINE NO. - L83+50N



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE 
 PROBABLE 
 POSSIBLE 

FREQUENCY (HERTZ)
 4 0HZ: 0.25HZ

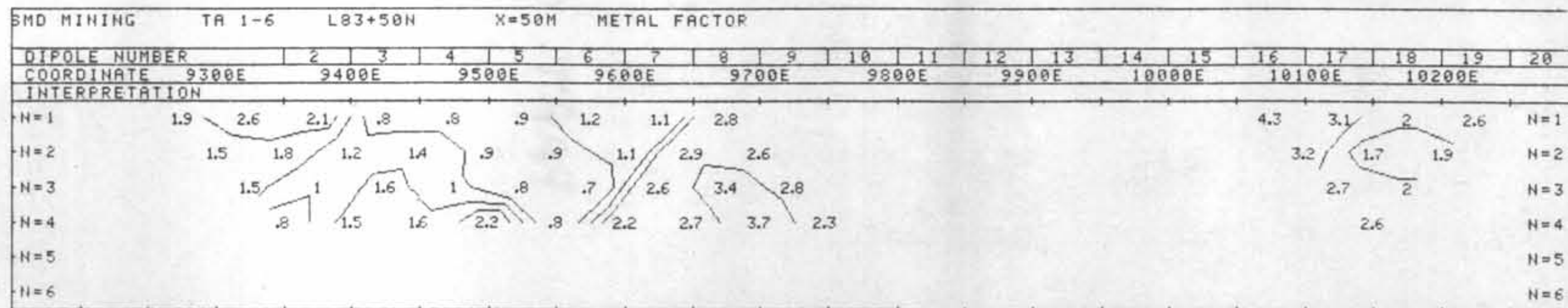
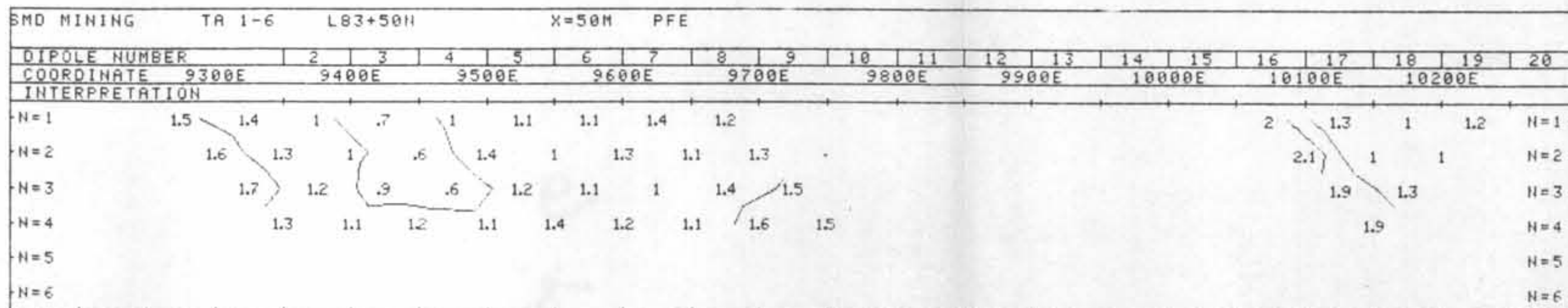
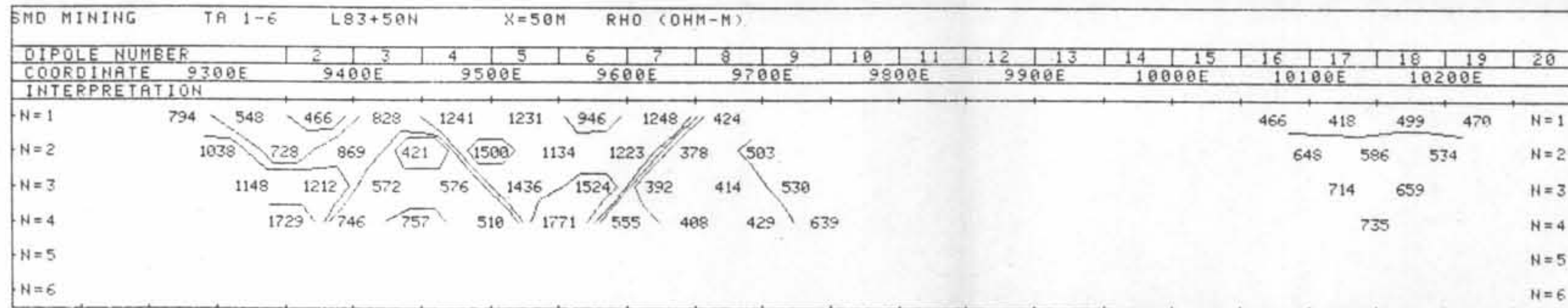
DATE SURVEYED: JUN-AUG 1982
 APPROVED

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

PAC
 DATE Nov 22/82

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
 AND RESISTIVITY SURVEY



GEOLOGICAL BRANCH
 ASSESSMENT REPORT

10,880
 PART 6 of 6

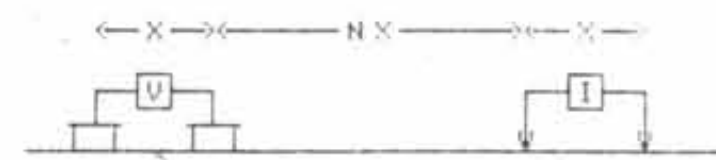
PART 6 of 6

SMD MINING CO. LTD.

TA HOOLA 1-6

KAMLOOP'S M.D.

LINE NO. - L82+86N



FLOTTING POINT X X=50M

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
 PROBABLE
 POSSIBLE

FREQUENCY (HERTZ)
 4 0HZ:0 25HZ

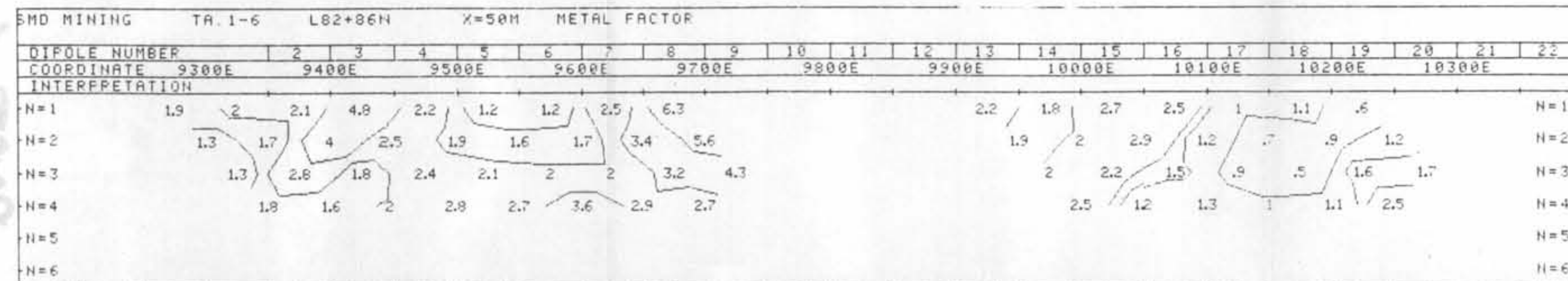
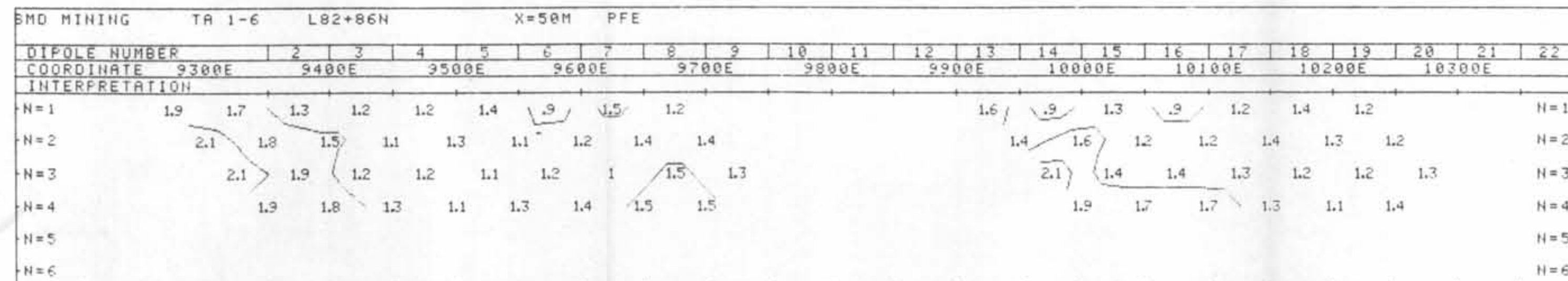
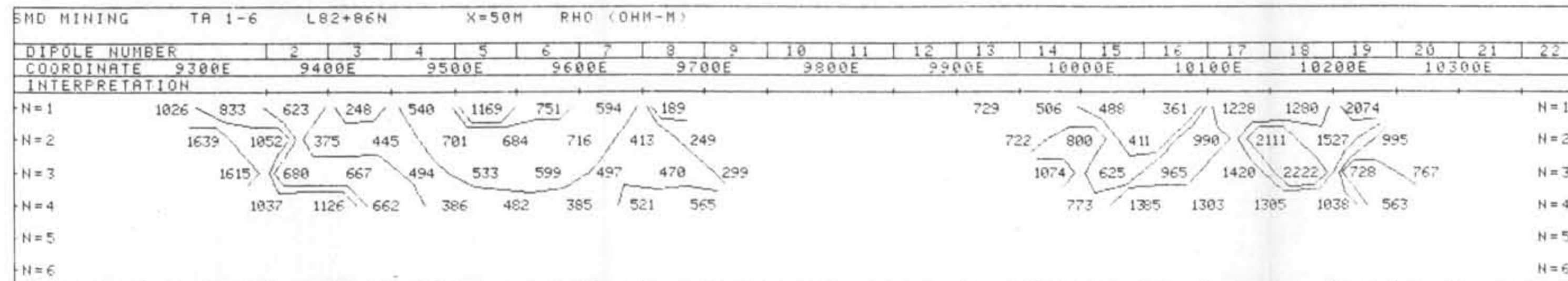
DATE SURVEYED JUN-AUG 1982
 APPROVED

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

Pac
 DATE Nov 22/82

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
 AND RESISTIVITY SURVEY



GEOLOGICAL BRANCH
 ASSESSMENT REPORT

10,880
 PART 6 & 6

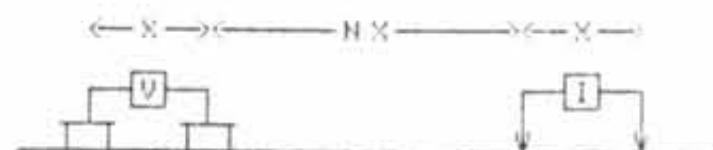
6447 10 28 80
 T889

SMD MINING CO. LTD.

TA HOOLA 1-6

KAMLOOP S M D

LINE NO -L81+56N



PLOTTING POINT X=50M

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
 PROBABLE
 POSSIBLE

FREQUENCY (HERTZ)
 4.0HZ, 0.25HZ

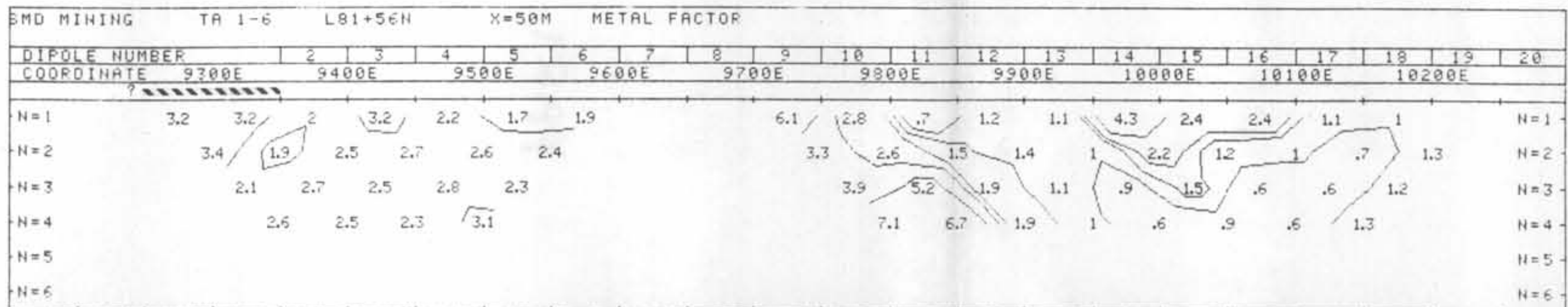
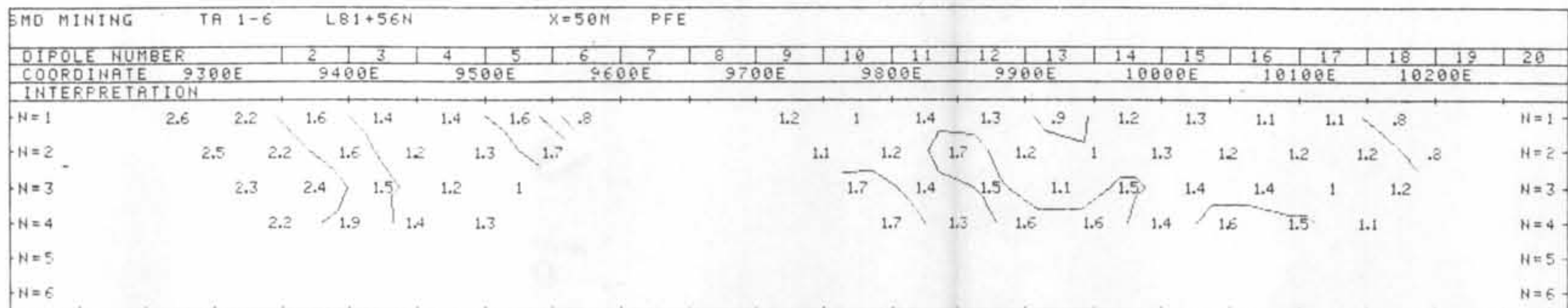
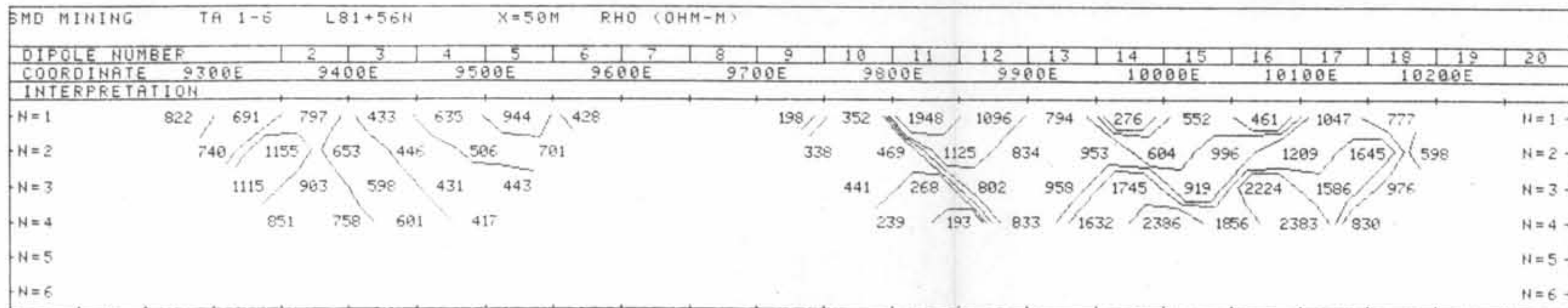
DATE SURVEYED JUN-AUG 1982
 APPROVED

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

PAC
 DATE Nov 22/82

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
 AND RESISTIVITY SURVEY



GEOLOGICAL BRANCH
 ASSESSMENT REPORT

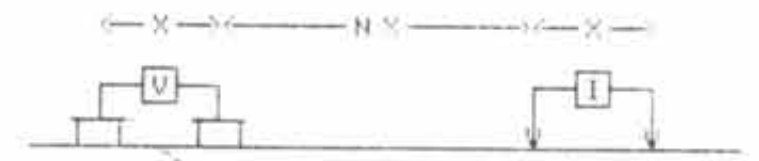
10,880
 PART 6 of 6

PART 6 of 6

SMD MINING CO. LTD.

TA HOOLA 1-6
KAMLOOPS B.C.

LINE NO - L80+06N



PLOTTING POINT X=50M
SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
PROBABLE
POSSIBLE

FREQUENCY (HERTZ) 4 0HZ; 0.25HZ
DATE SURVEYED JUN-AUG 1982
APPROVED

NOTE - CONTOURS AT LOGARITHMIC INTERVALS: 1, -1.5, -2, -3, -5, -7.5, -10
DATE Nov 22/82

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
AND RESISTIVITY SURVEY

SMD MINING TA 1-6 L80+06N X=50M RHO (OHM-M)		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
DIPOLE NUMBER		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
COORDINATE		9300E	9400E	9500E	9600E	9700E	9800E	9900E	10000E	10100E	10200E										
INTERPRETATION																					
N=1		528	576	554	429	247	378	192	264	139	233	1027	3834	991	1080	410	3191	1325	1793	896	N=1
N=2		502	874	470	293	334	325	160	194	299	757	3134	542	1521	1363	497	2060	1746	1486	N=2	
N=3		683	702	396	391	295	250	207	369	728	1842	407	1056	1549	2362	411	1883	955	N=3		
N=4		487	542	556	415	245	296	334	802	1449	215	711	958	2394	3058	418	1163	N=4			
N=5																				N=5	
N=6																				N=6	

SMD MINING TA 1-6 L80+06N X=50M PFE		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
DIPOLE NUMBER		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
COORDINATE		9300E	9400E	9500E	9600E	9700E	9800E	9900E	10000E	10100E	10200E										
INTERPRETATION																					
N=1		3.2	6.1	6.1	3.3	1.7	1.7	1.1	1	1	.7	1.1	1.6	1.7	1.2	.9	1.8	1.4	1.7	1.6	N=1
N=2		5.6	5.6	3.2	3.5	2	1.8	1.1	1.1	1	.9	1.6	.9	1.4	1.3	1.1	1.3	.6	1.8	N=2	
N=3		5.8	3	2	3.9	2.5	2	1.2	1	1.8	1.7	1	.7	1.3	1.9	.9	.8	.9	N=3		
N=4		3.4	1.9	1.1	6.6	3.1	2.3	1.4	1.6	2.3	1.3	1	.8	2	1.8	1.5	.8	N=4			
N=5																				N=5	
N=6																				N=6	

SMD MINING TA 1-6 L80+06N X=50M METAL FACTOR		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
DIPOLE NUMBER		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
COORDINATE		9300E	9400E	9500E	9600E	9700E	9800E	9900E	10000E	10100E	10200E										
INTERPRETATION																					
N=1		6.1	11	11	7.7	6.9	4.5	5.7	3.8	7.2	3	1.1	.4	1.7	1.1	2.2	.6	1.1	.9	1.8	N=1
N=2		11	6.4	6.8	12	6	5.5	6.9	5.7	3.3	12	.5	1.7	.9	1	2.2	.6	.4	1.2	N=2	
N=3		8.5	4.3	5.1	10	8.5	8	5.8	2.7	2.5	.9	2.5	.7	.8	.8	2.2	.4	.9	N=3		
N=4		7	3.5	2	16	13	7.8	4.2	2	16	6	1.4	.8	.8	.6	3.6	.7	N=4			
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N=6																				N=6	

GEOLOGICAL BRANCH
ASSESSMENT REPORT

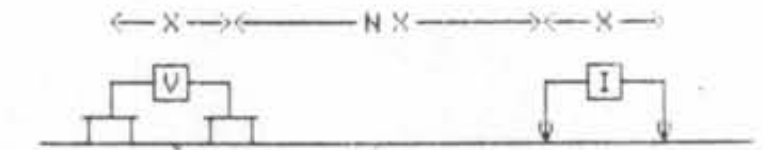
10,880
PART 6 of 6

SMD MINING CO. LTD.

TA HOOLA 1-6

KAMLOOPS M.D.

LINE NO. -L1+00E



PLOTTING POINT X X=50M

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE 
 PROBABLE 
 POSSIBLE 

FREQUENCY (HERTZ)
 4.0HZ/0.25HZ

DATE SURVEYED JUN-AUG 1982
 APPROVED

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

PAC
 DATE Nov 22/82

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
 AND RESISTIVITY SURVEY

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GEOLOGICAL BRANCH
 ASSESSMENT REPORT

SMD MINING GRID FL EAST L1+00E															X=50M	RHO (OHM-M)																	
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	14	15																			
COORDINATE	750S			850S			950S			1050S			1150S			1250S																	
INTERPRETATION																																	
N=1	207	519	368	463	287	330	304	330	275	202	171	256													N=1								
N=2	295	237	508	438	376	366	367	350	227	254	263	269	232													N=2							
N=3	306	309	282	542	371	414	355	370	231	222	291	380	252	224													N=3						
N=4	318	299	342	335	440	389	329	357	236	226	263	374	324	236	237													N=4					
N=5																															N=5		
N=6																															N=6		

SMD MINING GRID FL EAST L1+00E															X=50M	PFE																	
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	14	15																			
COORDINATE	750S			850S			950S			1050S			1150S			1250S																	
INTERPRETATION																																	
N=1	2.5	2.7	2	2.3	2.3	2.1	2.4	1.9	2.5	2	2	2.5													N=1								
N=2	3.3	2.2	2.9	2.6	2.9	1.6	2	2	2.2	2.6	2.8	2.8	2.9													N=2							
N=3	3	2.6	1.7	3.4	3	2.4	1.9	2.3	2.5	2.3	2.8	3.5	2.9	2.9													N=3						
N=4	3	2.2	2.3	2.2	3.5	2.8	2.9	2.1	2.3	2.4	2.2	3.4	3.7	3	2.8													N=4					
N=5																															N=5		
N=6																															N=6		

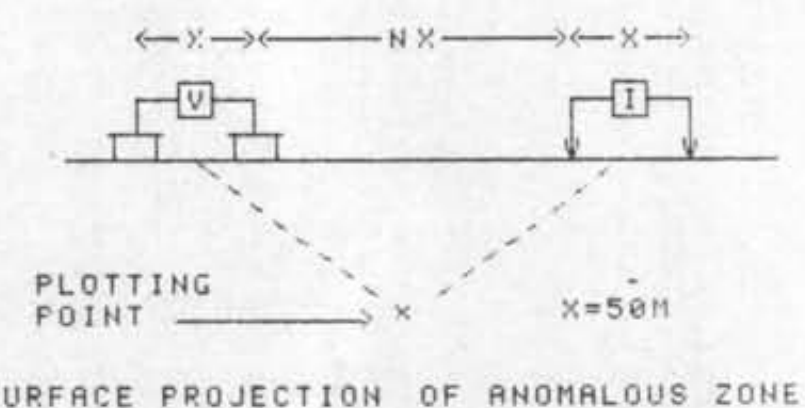
SMD MINING GRID FL EAST L1+00E															X=50M	METAL FACTOR																	
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	14	15																			
COORDINATE	750S			850S			950S			1050S			1150S			1250S																	
INTERPRETATION																																	
N=1	12	5.2	5.4	5	8	6.4	7.9	5.8	9.1	9.9	12	9.8													N=1								
N=2	11	9.3	5.7	5.9	7.7	4.4	5.4	5.7	9.7	10	11	10	13													N=2							
N=3	9.8	8.4	6	6.3	8.1	5.8	5.4	6.2	11	10	9.6	9.2	12	13													N=3						
N=4	9.4	7.4	6.7	6.6	8	7.2	8.5	5.9	9.7	11	8.4	9.1	11	13	12													N=4					
N=5																															N=5		
N=6																															N=6		

SMD MINING CO. LTD.

TA HOOLA 1-6

KAMLOOPS M.D

LINE NO. -L2+00E



DEFINITE

PROBABLE

POSSIBLE

FREQUENCY (HERTZ)
4.0HZ; 0.25HZ

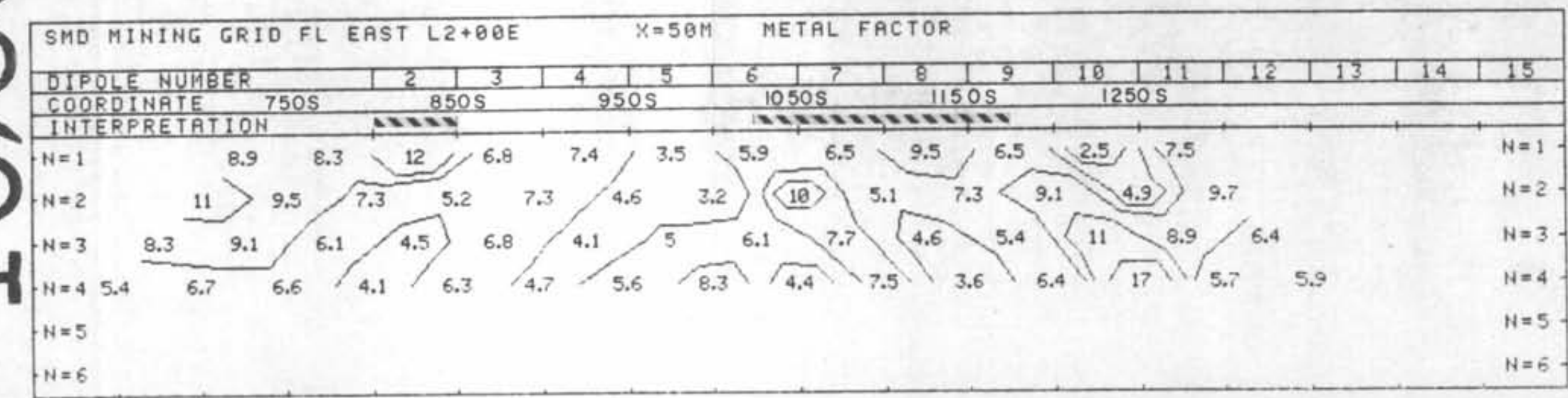
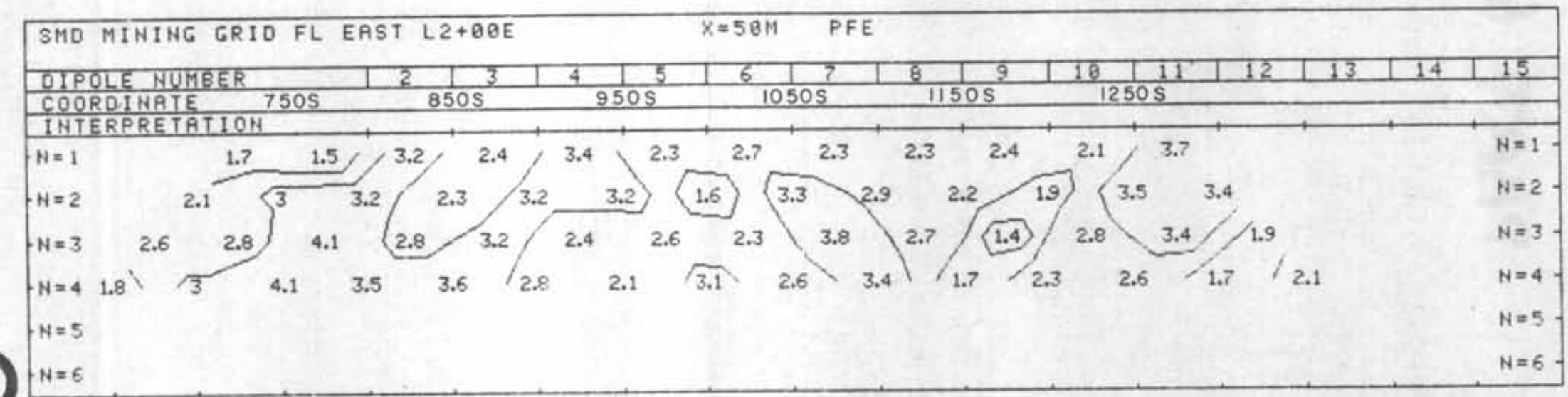
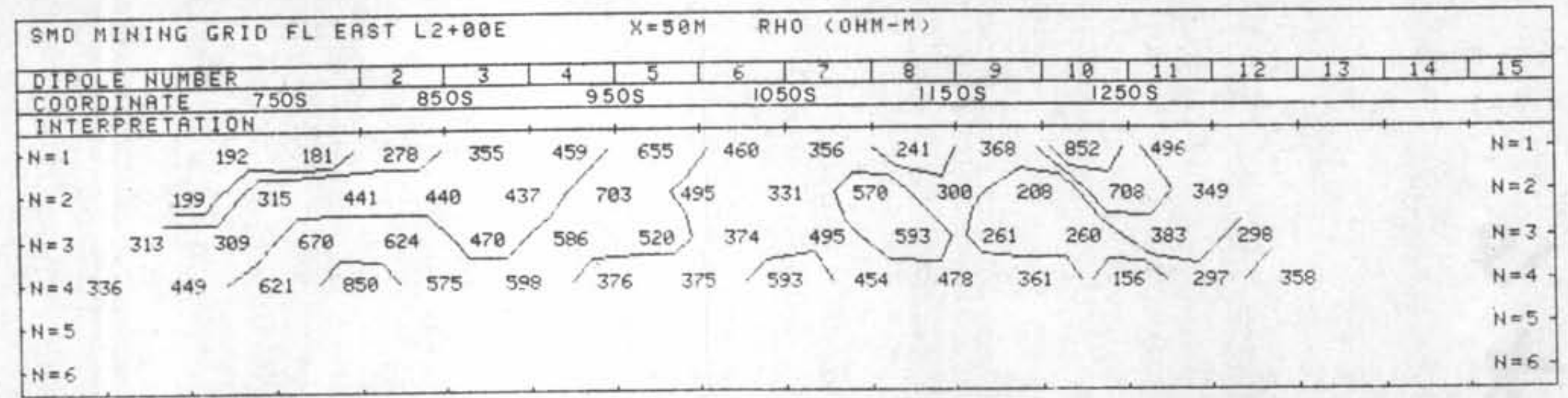
DATE SURVEYED: JUN-AUG 1982
APPROVED

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

PAC
DATE Nov 22/82

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
AND RESISTIVITY SURVEY



GEOLOGICAL BRANCH
ASSESSMENT REPORT

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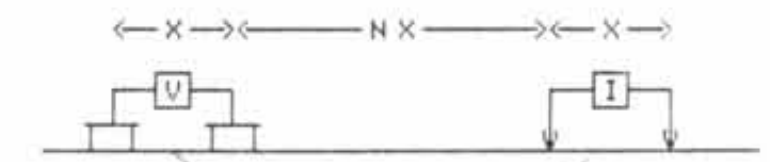
10,880

SMD MINING CO. LTD.

TA HOOLA 9-12

KAMLOOPS B.C.

LINE NO -8+00S



PLOTTING POINT X X=50M
SURFACE PROJECTION OF ANOMALOUS ZONE

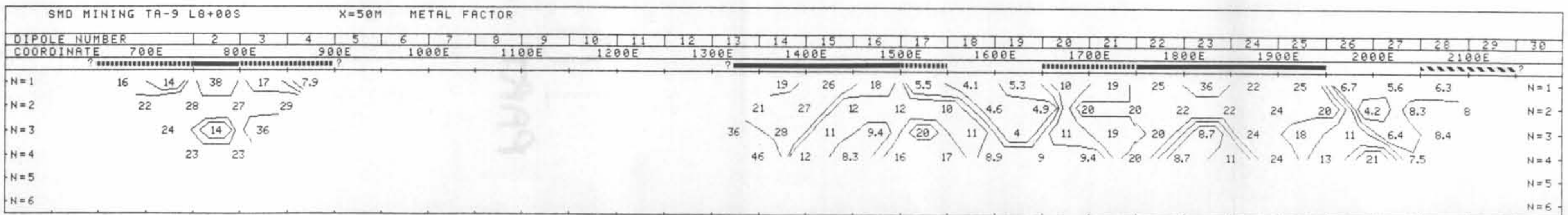
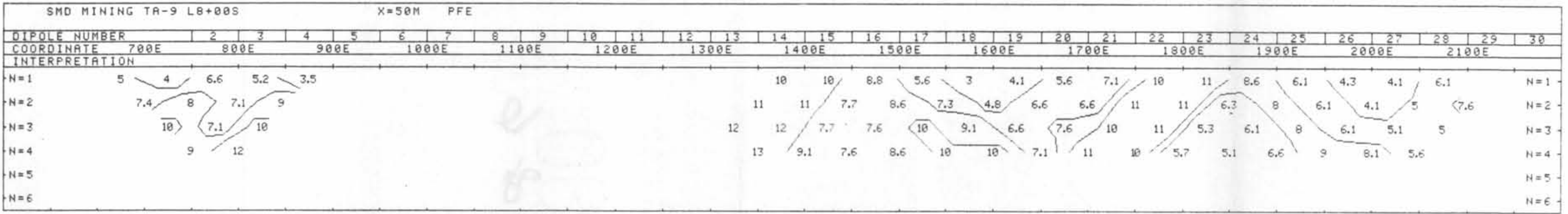
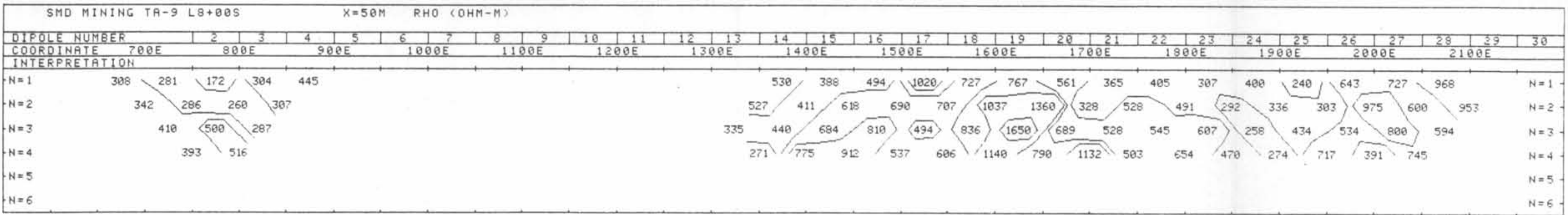
DEFINITE
PROBABLE
POSSIBLE

FREQUENCY (HERTZ) 4.0HZ; 0.25HZ
DATE SURVEYED: JUNE 1982
APPROVED

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1, -1.5, -2, -3, -5, -7.5, -10
DATE Nov 22/82

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
AND RESISTIVITY SURVEY



GEOLOGICAL BRANCH
ASSESSMENT REPORT

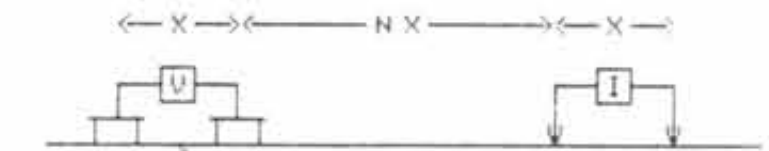
10,880
PART 6 of 6

SMD MINING CO. LTD.

TA HOOLA S-12

KAMLOOPS M.D.

LINE NO -9+00S



PLOTTING POINT X=50M
SURFACE PROJECTION OF ANOMALOUS ZONE

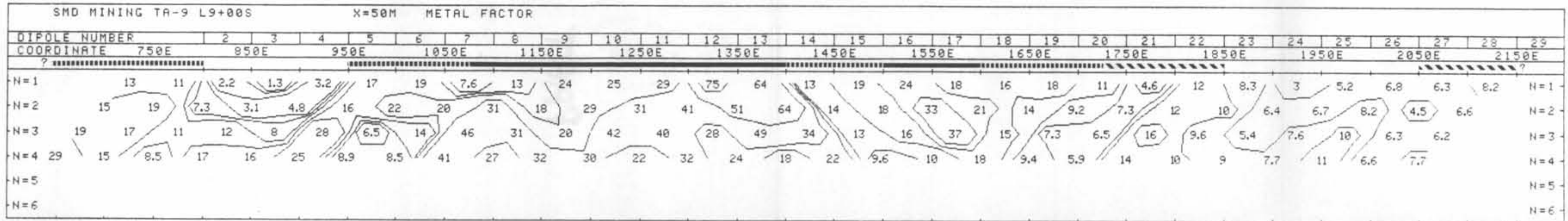
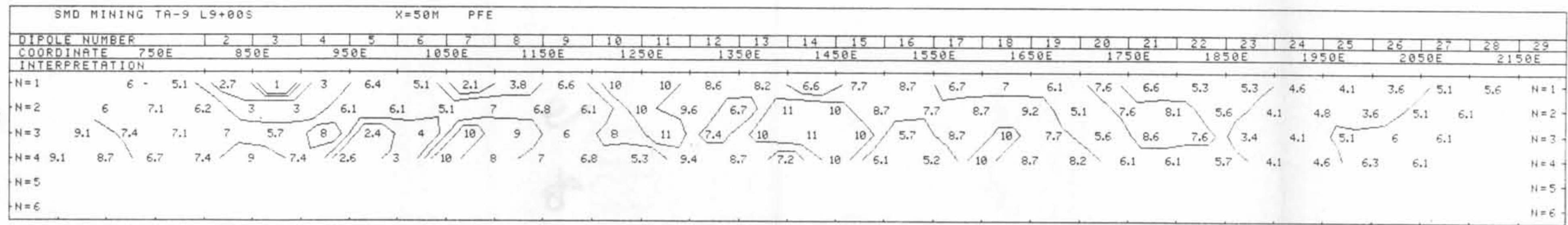
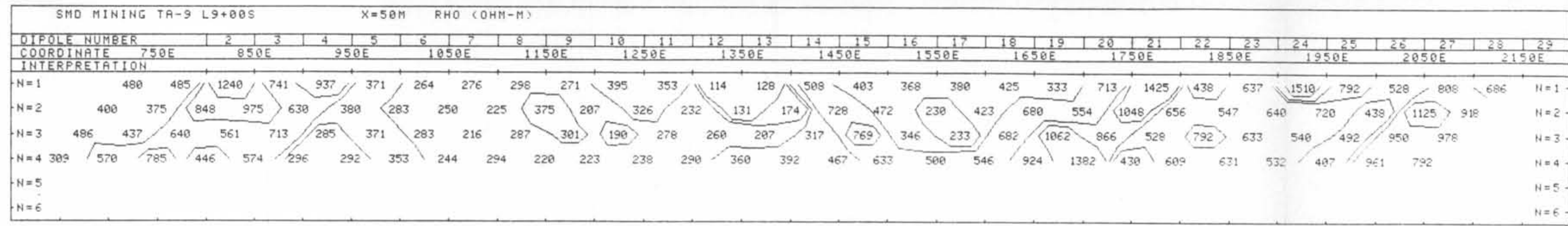
DEFINITE **—————**
PROBABLE **.....**
POSSIBLE **///////**

FREQUENCY (HERTZ) 4 0HZ:0.25HZ
DATE SURVEYED JUNE 1982
APPROVED

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1, -1.5, -2, -3, -5, -7.5, -10
Pac
DATE Nov 22/82

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION AND RESISTIVITY SURVEY



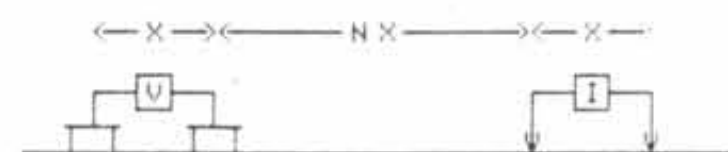
GEOLOGICAL BRANCH ASSESSMENT REPORT

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SMD MINING CO. LTD.

TA HOOLA 9-12
KAMLOOPS M.D.

LINE NO -10+00S



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
PROBABLE
POSSIBLE

FREQUENCY (HERTZ) 4.0HZ:0.25HZ
DATE SURVEYED: JUNE 1982

APPROVED

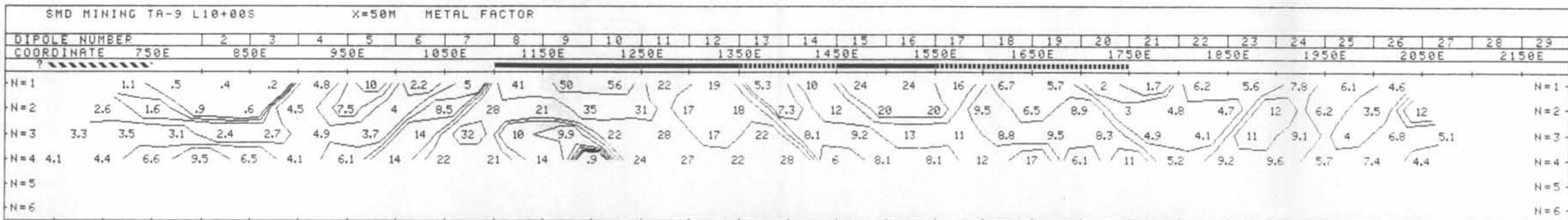
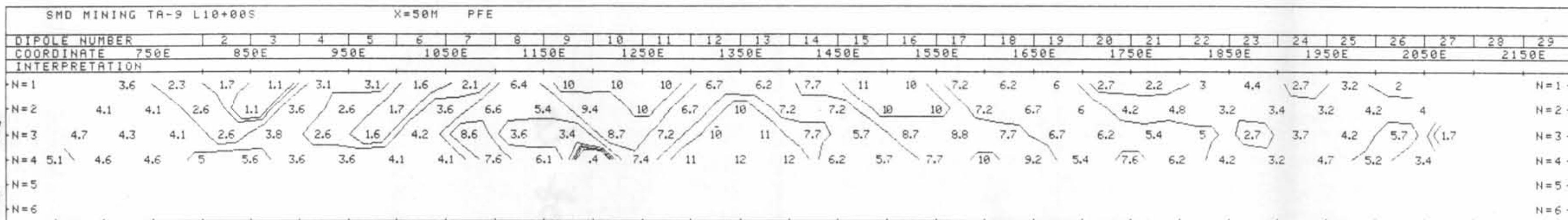
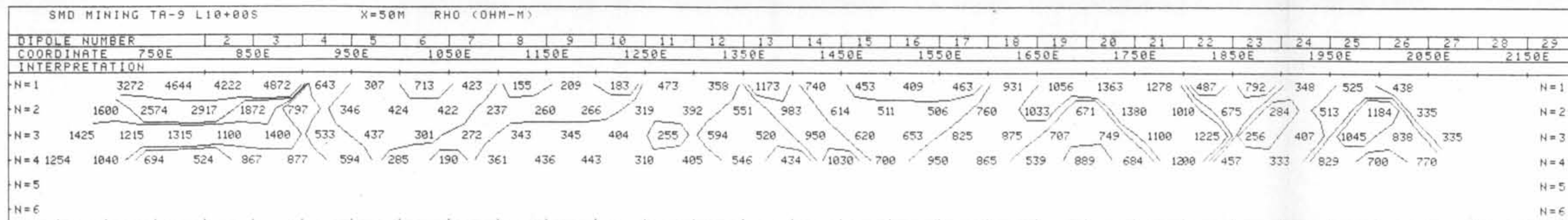
NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1, -1, 5, -2, -3, -5, -7, 5, -10

PAC

DATE *Nov 22/82*

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION AND RESISTIVITY SURVEY



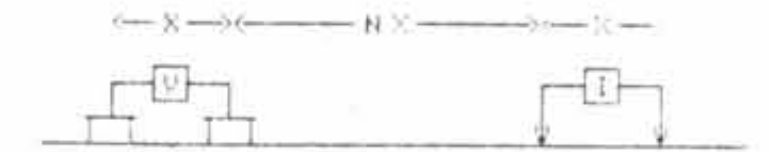
GEOLOGICAL BRANCH ASSESSMENT REPORT

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PART 6 of 6

SMD MINING CO. LTD.

TR HOOLA 2-12
KAMLOOPS B.C.

LINE NO - 11+00S



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
PROBABLE
POSSIBLE

FREQUENCY (HERTZ) 4 OHZ; 0.25HZ
DATE SURVEYED JUNE 1982
APPROVED FAC

NOTE- CONTOURS AT LOGARITHMIC INTERVALS - 1, -1.5, -2, -3, -5, -7.5, -10
DATE Nov 22/82

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
AND RESISTIVITY SURVEY

SMD MINING TR-9 L11+00S		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		
COORDINATE		750E	850E	950E	1050E	1150E	1250E	1350E	1450E	1550E	1650E	1750E	1850E	1950E	2050E	2150E															
INTERPRETATION																															
N=1		1844	1963	752	395	258	325	680	554	495	929	665	570	780	520	882	1732	2328	929	1009	1323	633	500	437	737	596	614	570	633	N=1	
N=2		1805	1813	750	740	678	238	267	692	580	462	745	750	837	662	1048	536	2100	1313	788	857	723	530	435	455	938	533	723	600	621	N=2
N=3		1692	1738	895	713	1023	526	190	314	677	482	414	855	1020	782	1164	564	1020	1100	1000	694	678	819	423	459	523	831	646	746	570	N=3
N=4		1042	1561	839	786	997	713	403	248	285	576	500	472	1056	882	1188	536	950	731	836	1030	658	1540	619	461	475	438	1038	665	723	N=4
N=5																														N=5	
N=6																														N=6	

SMD MINING TR-9 L11+00S		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		
COORDINATE		750E	850E	950E	1050E	1150E	1250E	1350E	1450E	1550E	1650E	1750E	1850E	1950E	2050E	2150E															
INTERPRETATION																															
N=1		3.1	2.6	2.6	1.6	2.1	1.1	1.1	2.6	2.6	3.1	2.6	3.1	5.1	8.6	8.1	7.1	7.1	7.1	6.1	5.6	4.6	4.6	3.1	3.2	3.7	3.0	4.1	4.1	N=1	
N=2		3.6	4.1	3.1	3.1	2.6	1.6	2.1	2.6	1.6	3.6	5	3	5.1	9.1	6.6	8.6	9.1	6.6	8.1	11	7.6	6.1	6.1	3.1	5.2	3.7	3.2	5.6	4.6	N=2
N=3		6.1	4.6	4.6	4.1	3.3	2.6	2.3	4.1	2.1	3.1	4.6	5.1	5.1	8.1	5.6	8.1	9.1	9.1	8.6	10	7.1	6.1	7.6	6.3	4.6	4.2	3.7	5.2	5.6	N=3
N=4		5	7.1	5.6	5.6	4.1	5.1	3.6	5.6	3.6	4.1	4.2	4.6	7.1	8.1	7.1	7.6	7.1	8.8	9.6	9.1	8.1	5	6.3	8.1	8.6	3.6	4.2	6.7	5.2	N=4
N=5																														N=5	
N=6																														N=6	

SMD MINING TR-9 L11+00S		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		
COORDINATE		750E	850E	950E	1050E	1150E	1250E	1350E	1450E	1550E	1650E	1750E	1850E	1950E	2050E	2150E															
INTERPRETATION																															
N=1		1.7	1.3	3.5	4.1	8.1	3.4	1.6	4.7	5.3	3.3	3.9	5.4	6.5	17	9.2	4.1	3	7.6	6	4.2	7.3	9.2	7.1	4.3	6.2	5.2	7.2	6.5	N=1	
N=2		2	2.3	4.1	4.2	3.8	6.7	7.9	3.8	2.8	7.8	6.7	4	6.1	14	6.3	15	4.3	5	10	12	11	12	14	6.8	5.5	6.9	4.4	9.3	7.3	N=2
N=3		3.6	2.7	5.1	5.8	3.2	4.9	12	13	3.1	6.4	11	6	5	10	4.8	14	8.9	8.3	9.6	14	10	7.4	10	14	8.8	5.1	5.7	7	9.8	N=3
N=4		4.8	4.5	6.7	7.1	4.2	7.2	8.9	23	13	7.1	8.4	9.7	6.7	9.2	6	14	7.5	12	11	8.8	12	3.2	10	10	18	8.2	4	10	7.2	N=4
N=5																														N=5	
N=6																														N=6	

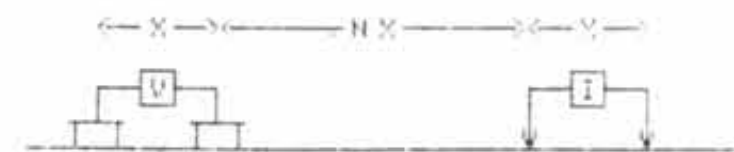
GEOLOGICAL BRANCH
 ASSESSMENT REPORT
10,880
 PART 6 of 6

SMD MINING CO. LTD.

TA HOOLA 9-12

KAMLOOP'S H.D.

LINE NO - 12+005



PLOTTING POINT X=50M
SURFACE PROJECTION OF ANOMALOUS ZONE

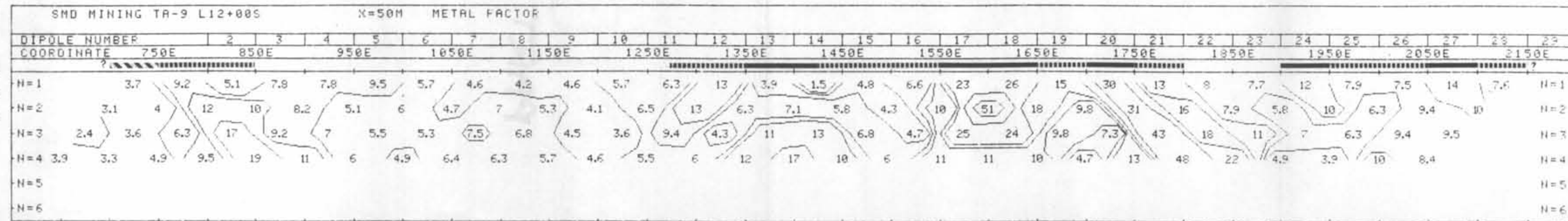
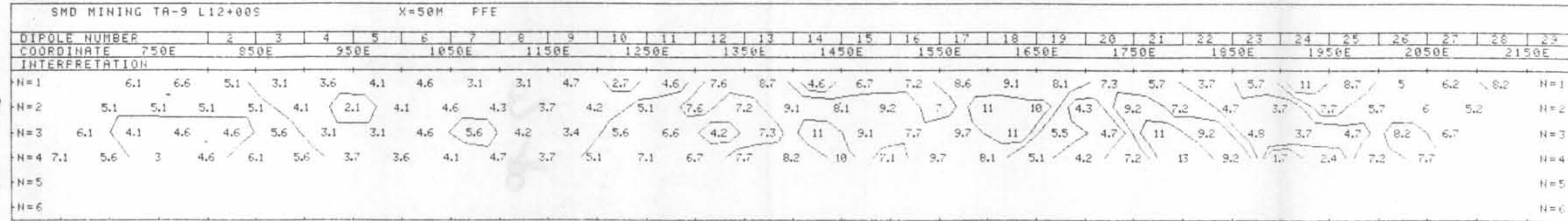
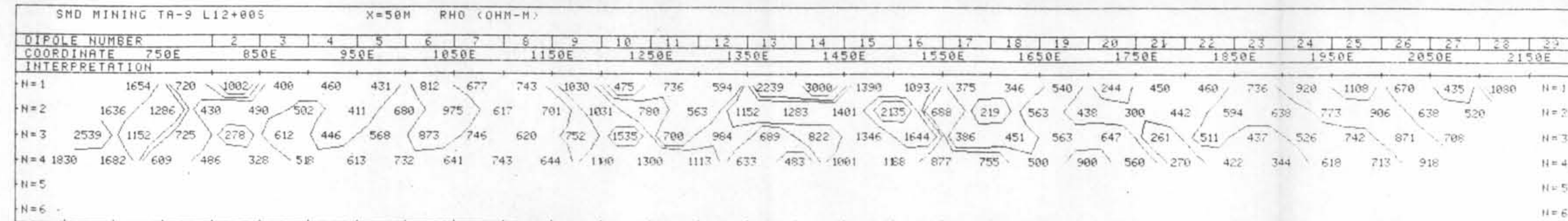
DEFINITE
PROBABLE
POSSIBLE

FREQUENCY (HERTZ) 4 0HZ. 0 25HZ
DATE SURVEYED JUNE 1982
APPROVED

NOTE - CONTOURS AT LOGARITHMIC INTERVALS 1 - 1.5 - 2 - 3 - 5 - 7 5 - 10
DATE Nov 27/82

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION AND RESISTIVITY SURVEY



GEOLOGICAL BRANCH ASSESSMENT REPORT

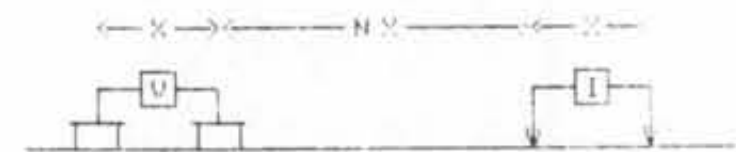
10,880 PART 6 of 6

SMD MINING CO. LTD.

TA HOOLA 9-12

KAMLOOPS B.D.

LINE NO. -13+005



PLOTTING POINT X=50M

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
 PROBABLE
 POSSIBLE

FREQUENCY (HERTZ) 4 0HZ. @ 25HZ

DATE SURVEYED JUNE 1982 APPROVED

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

PAC

DATE Nov 22/82

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION AND RESISTIVITY SURVEY

SMD MINING TA-9 L13+005		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		
COORDINATE		750E	850E	950E	1050E	1150E	1250E	1350E	1450E	1550E	1650E	1750E	1850E	1950E													
INTERPRETATION																											
N=1		1089	875	613	531	1103	887	539	1188	851	1565	1096	2130	1108	950	918	722	546	560	457	743	516	665	451	830	950	N=1
N=2		1250	875	810	699	429	1353	842	1161	683	950	1741	1030	1063	975	1160	911	488	470	434	665	434	458	1013	654	1208	N=2
N=3		1340	834	794	576	498	507	1207	2012	456	671	1170	1700	665	893	1188	1333	780	618	464	708	366	173	600	1377	1102	N=3
N=4	1417	806	766	804	570	624	411	1802	599	682	979	1232	1203	561	1027	1267	1206	930	570	884	403	401	550	713	1529	N=4	
N=5																										N=5	
N=6																										N=6	

SMD MINING TA-9 L13+005		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		
COORDINATE		750E	850E	950E	1050E	1150E	1250E	1350E	1450E	1550E	1650E	1750E	1850E	1950E													
INTERPRETATION																											
N=1		5.5	4	3.5	1.5	10	7.7	9.3	9.6	7.6	5.6	4.8	5.2	6.7	6.3	4	6.6	8.1	7.4	8.4	6.1	4.1	3.1	5.1	7.6	9.6	N=1
N=2		7.2	3.8	4.6	2.6	8.9	5.7	4.7	11	8.6	5.1	5.6	6.7	7.7	6.9	8.7	7.2	10	10	10	6.6	4.6	6.6	4.1	8.1	11	N=2
N=3		5.7	4.9	3.8	3.5	11	4.1	4	4.6	2.8	5.3	6.6	8.2	8.7	7	8.1	8.4	6	4.1	11	5.1	6.1	6.1	7.1	7.1	12	N=3
N=4	6.9	3.5	4.8	2.6	12	6.2	2.8	4.6	4	7.8	5.6	9.2	8.7	5.6	7.6	4.1	11	7.7	8.6	6.1	5	7.1	7.1	11	9.1	N=4	
N=5																										N=5	
N=6																										N=6	

SMD MINING TA-9 L13+005		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		
COORDINATE		750E	850E	950E	1050E	1150E	1250E	1350E	1450E	1550E	1650E	1750E	1850E	1950E													
INTERPRETATION																											
N=1		5.1	4.6	5.7	2.8	9.3	8.7	17	8.1	8.9	3.6	4.4	2.4	6	6.6	4.4	9.1	15	13	18	8.2	7.9	4.7	11	9.2	10	N=1
N=2		5.8	4.3	5.7	3.7	21	4.2	5.6	9.3	13	5.4	3.2	6.5	7.2	7.1	7.5	7.9	20	22	23	9.9	11	14	4	12	8.8	N=2
N=3		4.3	5.9	4.8	6.1	21	8.1	3.3	2.3	6	7.9	5.6	4.8	13	7.8	6.8	6.3	7.7	6.6	24	7.2	17	35	12	5.2	11	N=3
N=4	4.9	4.3	6.3	3.2	21	9.2	6.8	2.6	6.7	11	5.7	7.5	7.2	10	7.4	3.2	8.9	8.3	15	6.9	12	18	13	5	6	N=4	
N=5																										N=5	
N=6																										N=6	

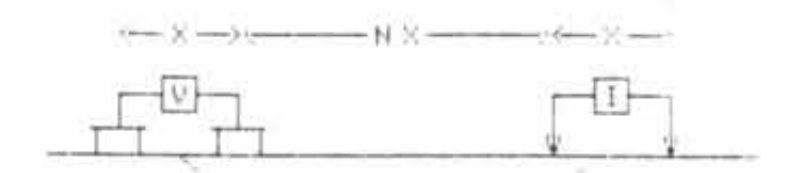
GEOLOGICAL BRANCH ASSESSMENT REPORT

10,880 PART 6 of 6

SMD MINING CO. LTD.

TA Hoola 9-12
KARLOOFS H D

LINE NO -14+000



PLOTTING POINT

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE

PROBABLE

POSSIBLE

FREQUENCY (HERTZ) 4.0HZ:0.25HZ

DATE SURVEYED JUNE 1982 APPROVED

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

DATE Nov 22/82

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION AND RESISTIVITY SURVEY

SMD MINING TA-9 L14+000		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		
COORDINATE		750E	850E	950E	1050E	1150E	1250E	1350E	1450E	1550E	1650E	1750E	1850E	1950E													
INTERPRETATION																											
N=1		548	479	692	1691	924	585	2314	1164	1369	1158	1084	1720	1001	859	987	1773	1313	1149	1048	958	416	544	N=1			
N=2		442	735	659	625	1350	797	974	1346	1158	1585	920	1250	1587	849	1163	1084	923	726	1195	1224	450	538	748	N=2		
N=3		513	607	867	587	640	1206	1226	669	1386	1385	1252	1182	1249	1496	1057	1297	778	559	830	1314	703	518	641	788	N=3	
N=4		555	747	653	708	662	581	1346	898	722	1637	1064	1629	658	1293	1647	1133	1055	583	710	916	804	751	536	584	587	N=4
N=5																										N=5	
N=6																										N=6	

SMD MINING TA-9 L14+000		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		
COORDINATE		750E	850E	950E	1050E	1150E	1250E	1350E	1450E	1550E	1650E	1750E	1850E	1950E													
INTERPRETATION																											
N=1		2.8	2.3	2.2	2.4	8.5	11	9.2	5.4	4	3.5	2.9	3.2	9.9	11	7.9	5	3	5.3	5.6	6.5	2.8	3.1	N=1			
N=2		6.2	3.6	2.9	3.7	6.6	9.1	7.8	7.1	7.3	4.4	3.7	5.1	8.1	8.9	8.2	9.5	5.6	6.2	6.2	3.4	6.2	4.4	2.9	N=2		
N=3		7.3	5.9	4.8	3.5	7	8.7	8.6	4.9	8.4	7.6	5.5	5.2	8	8.2	7.4	9	8.1	7.5	5.2	4.1	3.6	7	4.5	5.9	N=3	
N=4		3	6.8	7.3	4.5	7	4.8	6	4.6	7.3	7.8	7.6	6.5	12	7.4	6.5	7.9	6.7	7.8	6.5	3.5	3.7	5	6.8	7.1	5.4	N=4
N=5																										N=5	
N=6																										N=6	

SMD MINING TA-9 L14+000		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		
COORDINATE		750E	850E	950E	1050E	1150E	1250E	1350E	1450E	1550E	1650E	1750E	1850E	1950E													
INTERPRETATION																											
N=1		5.1	4.8	3.2	1.4	9.2	19	4	4.6	2.9	3	2.7	1.9	9.9	12	8	2.8	2.3	4.6	5.3	6.8	6.7	5.7	N=1			
N=2		14	4.9	4.4	5.9	4.9	11	8	5.3	6.3	2.8	4	4.1	5.1	10	7.1	8.8	6.1	8.5	5.2	2.8	14	8.2	3.9	N=2		
N=3		14	9.7	5.5	6	11	7.2	7	7.3	6.1	5.5	4.4	4.4	6.4	5.5	7	6.9	10	13	6.3	3.1	5.1	14	7	7.5	N=3	
N=4		5.4	9.1	11	6.4	11	8.3	4.5	5.2	10	4.8	7.1	4	17	5.8	3.9	7	6.4	13	9.2	3.8	4.6	6.7	13	12	9.2	N=4
N=5																										N=5	
N=6																										N=6	

GEOLOGICAL BRANCH ASSESSMENT REPORT

10,880 PART 6 & 6

SMD MINING CO. LTD.

TA HOOLA 9-12

KARLOOPS M D

LINE NO -15+00S



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
 PROBABLE
 POSSIBLE

FREQUENCY (HERTZ)
 4.0HZ:0.25HZ

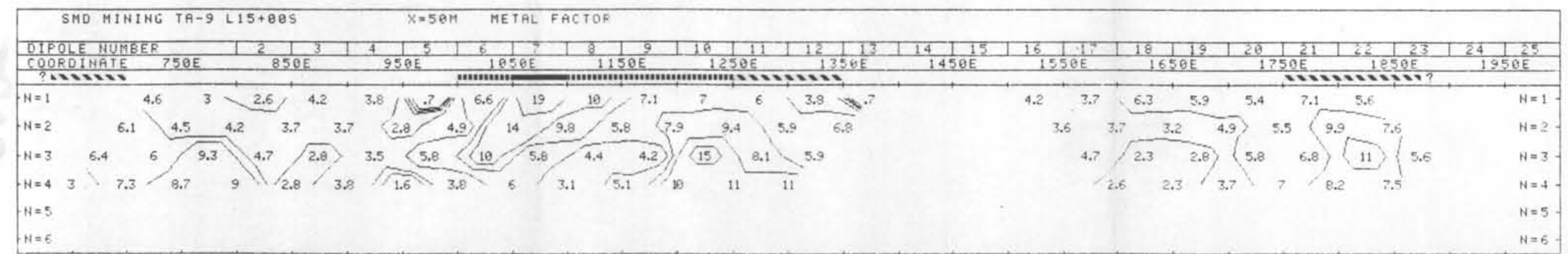
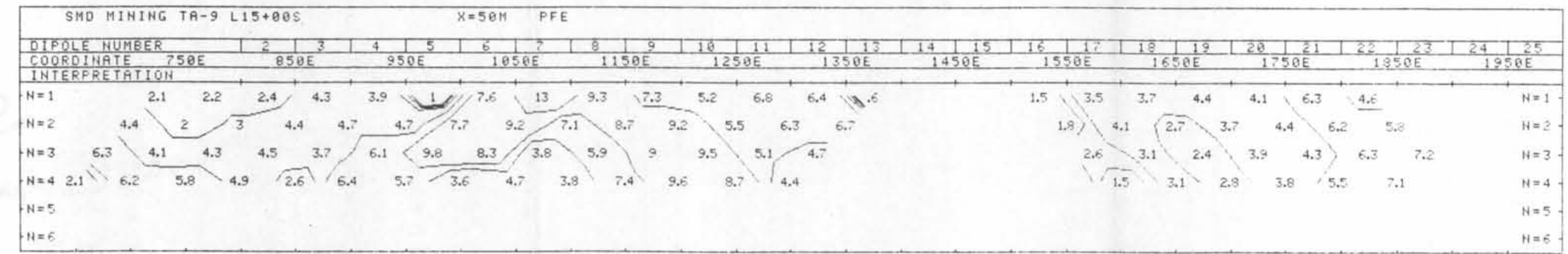
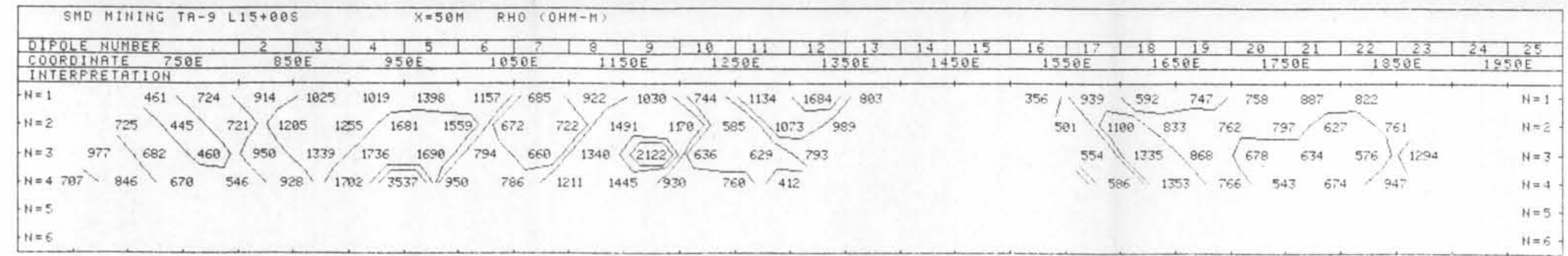
DATE SURVEYED JUNE 1982
 APPROVED

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

PAC
 DATE Nov 22/82

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
 AND RESISTIVITY SURVEY



GEOLOGICAL BRANCH
 ASSESSMENT REPORT

10,880
 PART 6 of 6

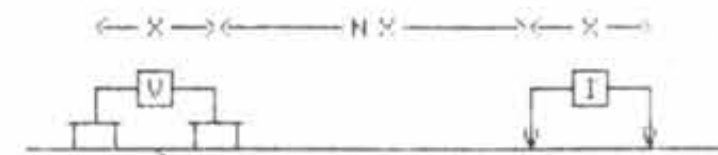
6947
 TA-9

SMD MINING CO. LTD.

TA HOOLA 9-12

KAMLOOPS B.C.

LINE NO - 16+00S



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
 PROBABLE
 POSSIBLE

FREQUENCY (HERTZ)
 4 0HZ, 0.25HZ

DATE SURVEYED JUNE 1982
 APPROVED

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

PAC
 DATE Nov 22/82

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
 AND RESISTIVITY SURVEY

SMD MINING TA-9 L16+00S		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	
COORDINATE		750E	850E	950E	1050E	1150E	1250E	1350E	1450E	1550E	1650E										
INTERPRETATION																					
N=1		360	678	1041	877	1531	1155	850	881	1069	641	765	612	625	697	841	1440	881	934	1062	306
N=2		404	841	1133	825	1006	1528	922	956	1236	990	831	811	840	784	705	1263	1070	878	1540	481
N=3		396	742	1243	913	990	1111	1415	925	1246	1213	1067	711	1033	1002	920	1150	861	990	1539	744
N=4	452	683	959	862	1021	958	1031	1172	1186	1224	1272	885	774	1174	1100	1478	837	854	1694	642	
N=5																					
N=6																					

SMD MINING TA-9 L16+00S		X=50M PFE																			
DIPOLE NUMBER		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
COORDINATE		750E	850E	950E	1050E	1150E	1250E	1350E	1450E	1550E	1650E										
INTERPRETATION																					
N=1		4.4	2.3	3.6	3.6	2.4	4.6	8.7	5.9	3.5	1.2	5.1	4	4.5	3	4	4.7	3.1	2.1	1.8	4.4
N=2		6.8	5	3.7	2.1	3.8	4.4	7.8	8.2	7.9	6.7	T.N.	3.8	5.3	4.4	3.1	3.3	2.4	3.4	1.9	3.5
N=3		6.5	7.6	6.3	2.9	3.3	6.2	7.2	6.5	7.5	7.2	6.2	4.4	4.3	4.7	4.6	3.8	2.1	2.3	2.3	4.1
N=4	4.8	6.4	8.1	4.9	4	6.2	8.4	5.8	5.5	1.4	6.8	5.7	6.3	5.1	5	4.2	2.1	2.3	1.7	4.6	
N=5																					
N=6																					

SMD MINING TA-9 L16+00S		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	
COORDINATE		750E	850E	950E	1050E	1150E	1250E	1350E	1450E	1550E	1650E										
INTERPRETATION																					
N=1		12	3.4	3.5	4.1	1.6	4	10	6.7	3.3	1.9	6.7	6.5	7.2	4.3	4.8	3.3	3.5	2.2	1.7	14
N=2		17	5.9	3.3	2.5	3.8	2.9	8.5	6.6	6.4	6.8	T.N.	4.7	6.3	5.6	4.4	2.6	2.2	3.9	1.2	7.3
N=3		16	10	5.1	3.2	3.3	5.6	5.1	7	6	5.9	5.8	6.2	4.2	4.7	5	3.3	2.4	2.3	1.5	5.5
N=4	11	9.4	8.5	5.7	3.9	6.5	8.1	4.9	4.6	1.1	5.3	6.4	8.1	4.3	4.5	2.8	2.5	2.7	1	7.2	
N=5																					
N=6																					

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

10,880
 PART 6 of 6

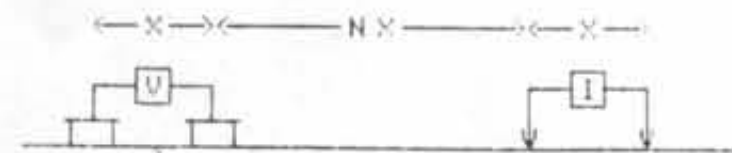
PART 6 of 6

SMD MINING CO. LTD.

TA HOOLA 9-10

KANLOOPS M.D.

LINE NO. -17+00S



PLOTTING POINT X=50M

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE 
 PROBABLE 
 POSSIBLE 

FREQUENCY (HERTZ)
 4.0HZ, 0.25HZ

DATE SURVEYED JUNE 1982
 APPROVED

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

PAC
 DATE Nov 22/82

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
 AND RESISTIVITY SURVEY

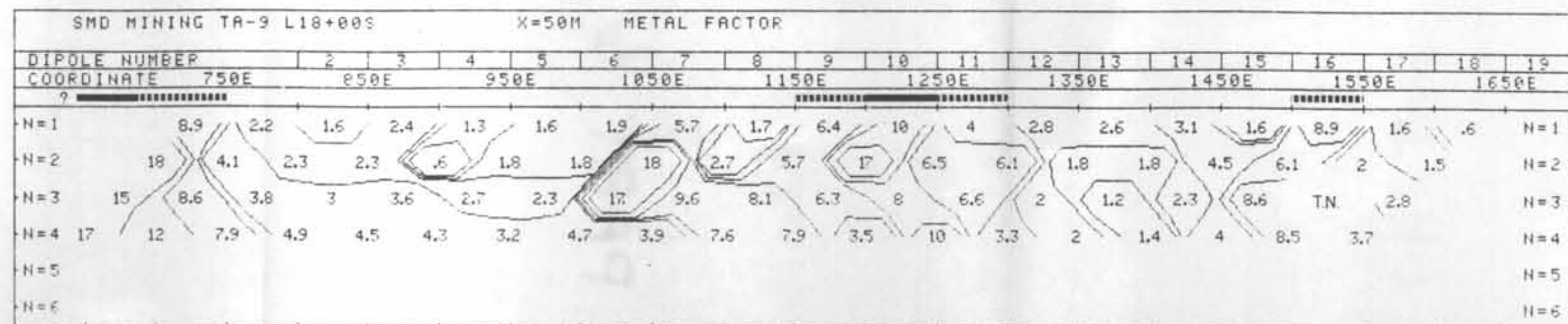
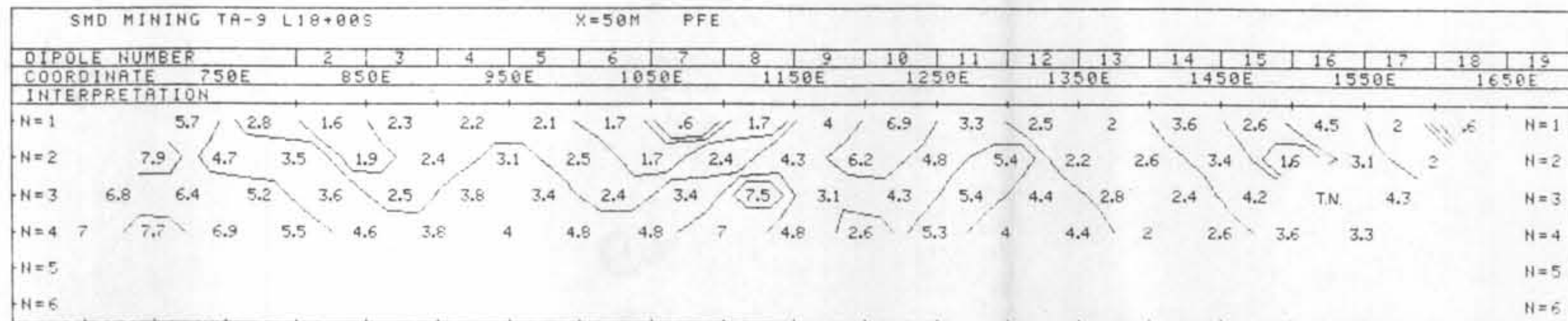
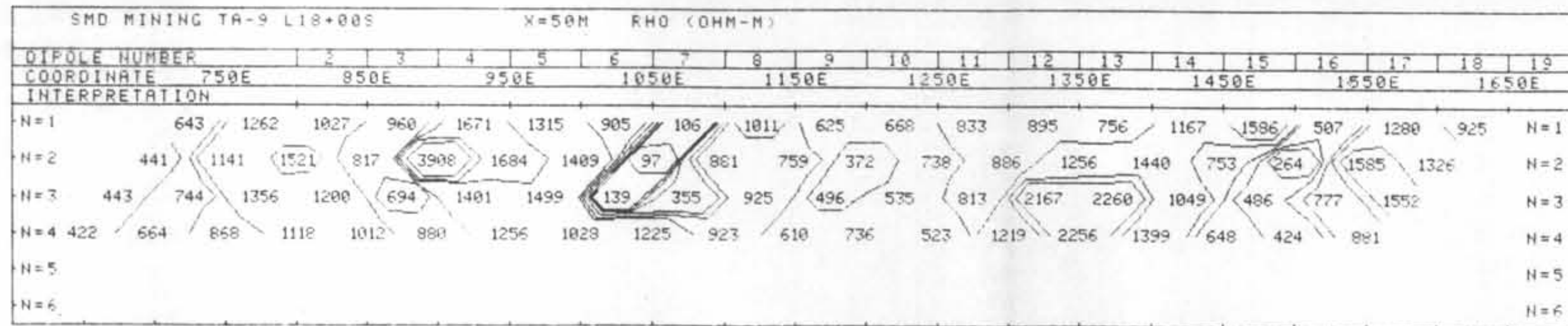
SMD MINING TA-9 L17+00S		X=50M RHO (OHM-M)																			
DIPOLE NUMBER		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
COORDINATE		750E	850E	950E	1050E	1150E	1250E	1350E	1450E	1550E	1650E										
INTERPRETATION																					
N=1		678	868	748	923	950	1368	1425	2748	1239	561	544	934	1022	987	717	1112	1273	1401	1036	376
N=2		877	678	856	1200	1523	1125	1083	1601	1443	783	745	731	927	745	1247	1399	965	1206	1479	523
N=3		478	832	643	1189	1642	1705	820	1274	877	1090	958	992	786	687	1120	2000	1268	936	1169	705
N=4		412	471	783	874	1447	1787	1203	913	785	849	1380	157	945	562	1056	1800	1758	1010	901	503
N=5																					
N=6																					

SMD MINING TA-9 L17+00S		X=50M PFE																			
DIPOLE NUMBER		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
COORDINATE		750E	850E	950E	1050E	1150E	1250E	1350E	1450E	1550E	1650E										
INTERPRETATION																					
N=1		5.4	4.8	3.6	1.2	1.8	2.1	2.4	1.8	1.4	2.6	3.9	5.6	5.2	3.9	3.7	2.5	1.8	1.3	1	2.5
N=2		12	5.7	4	3	2.2	3.9	2.7	3.5	1.9	2.5	3.9	5.4	5.3	4.4	3.8	3.4	2.4	2.1	1.7	2.8
N=3		7.3	12	5.4	3.5	4.1	3.9	4	4.3	3.5	4.5	4.4	4.8	4.2	4.7	4.5	2.8	2.3	1.8	2.1	4.3
N=4		6.2	5.4	12	4.6	4.2	5.8	4	4.2	3.8	5.8	6.4	5.2	4	3.3	4.9	4.6	1.7	2	1.9	4.4
N=5																					
N=6																					

SMD MINING TA-9 L17+00S		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	
COORDINATE		750E	850E	950E	1050E	1150E	1250E	1350E	1450E	1550E	1650E										
INTERPRETATION																					
N=1		8	5.5	4.8	1.3	1.9	1.5	1.7	.7	1.1	4.6	7.2	6	5.1	4	5.2	2.2	1.4	.9	1	6.6
N=2		14	8.4	4.7	2.5	1.4	3.5	2.5	2.2	1.3	3.2	5.2	7.4	5.7	5.9	3	2.4	2.5	1.7	1.1	5.4
N=3		15	14	8.4	2.9	2.5	2.3	4.9	3.4	4	4.1	4.6	4.8	5.3	6.8	4	1.3	1.8	1.9	1.8	6.1
N=4		15	11	15	5.3	2.9	3.2	3.3	4.6	4.8	6.8	4.9	4.5	4.2	5.9	4.6	2.6	.4	2	2.1	8.7
N=5																					
N=6																					

GEOLOGICAL BRANCH ASSESSMENT REPORT

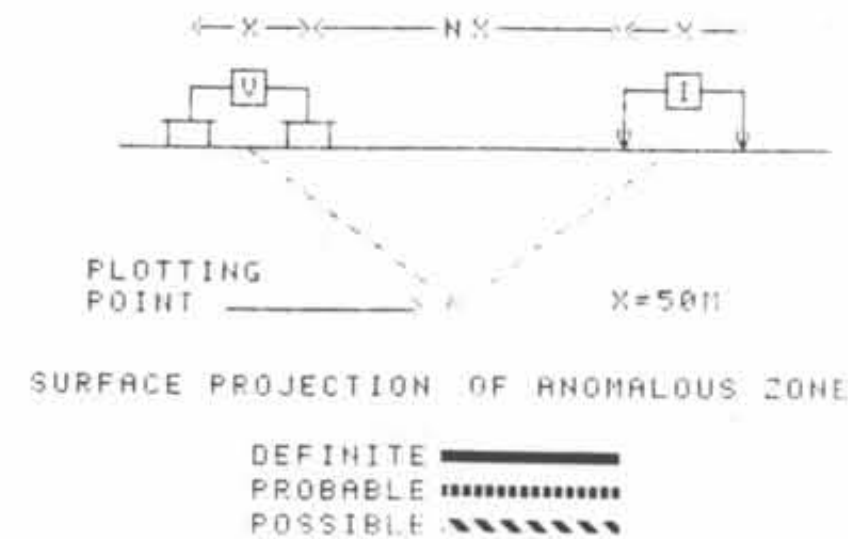
10,880 PART 6 of 6



SMD MINING CO. LTD.

TA HOOLA 9-12
KAMLOOPS B.C.

LINE NO -18+00S



FREQUENCY (HERTZ)
4 0HZ: 0 25HZ

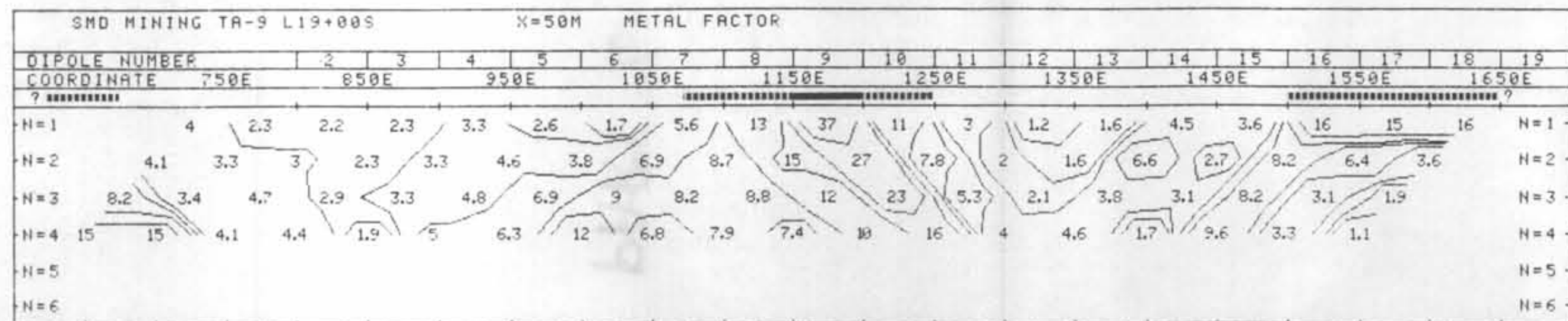
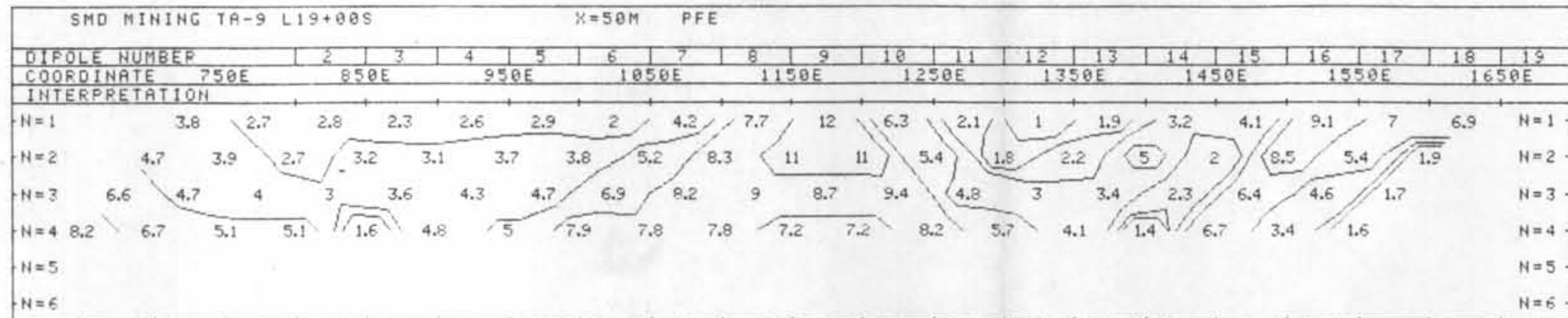
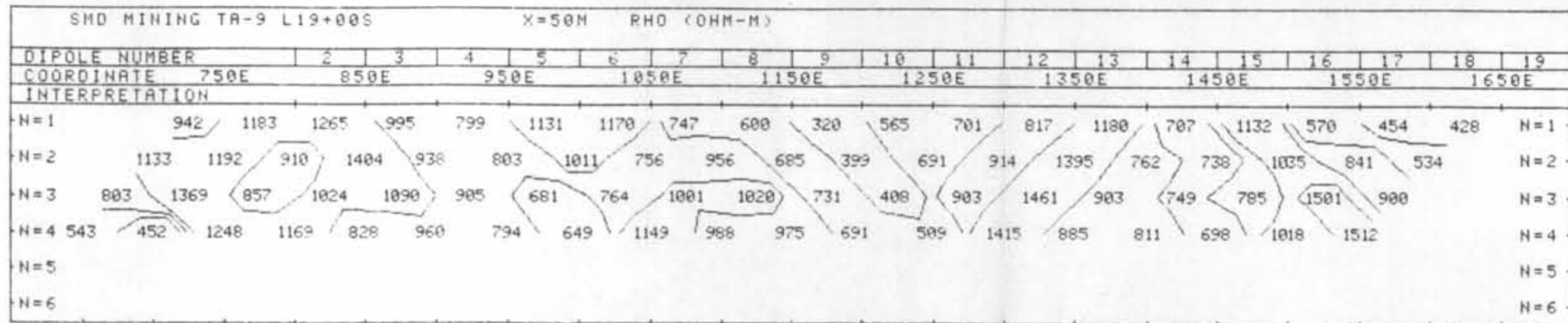
DATE SURVEYED: JUNE 1982
APPROVED:

NOTE- CONTOURS
AT LOGARITHMIC
INTERVALS 1.-1.5
-2.-3.-5.-7 5.-10

PAC
DATE: Nov 22/82

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
AND RESISTIVITY SURVEY

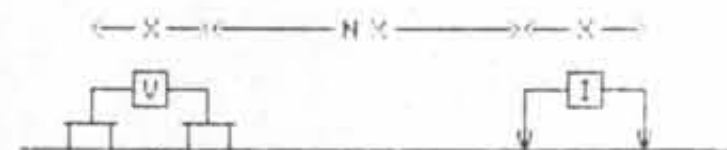


SMD MINING CO. LTD.

TR HOOLA 2-12

KAMLOOPS B.C.

LINE NO -19+00S



PLOTTING POINT X X=50M

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
PROBABLE
POSSIBLE

FREQUENCY (HERTZ)
4.0HZ ± 0.25HZ

DATE SURVEYED JUNE 1982
APPROVED

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

PAC
DATE NOV 22/82

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION
AND RESISTIVITY SURVEY