



Northern Gold NL

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SEL 9591 1996/97 ANNUAL REPORT

to 31st of October 1997

Pine Creek Sheet SD 52.08

**Margaret River (14/2-I) 1:50,000 scale, Burnside (14/2-II)
1:50,000 scale, Burrell Creek (14/2-III) 1:50,000 scale, Ban
Ban (14/3-III) 1:50,000 scale, Fenton (14/5-I) 1:50,000 scale
and Burrundie (14/6-IV) 1:50,000 scale map sheets**

Title Holder:- Northern Gold N.L.

**Volume 2 of 3
Appendices**

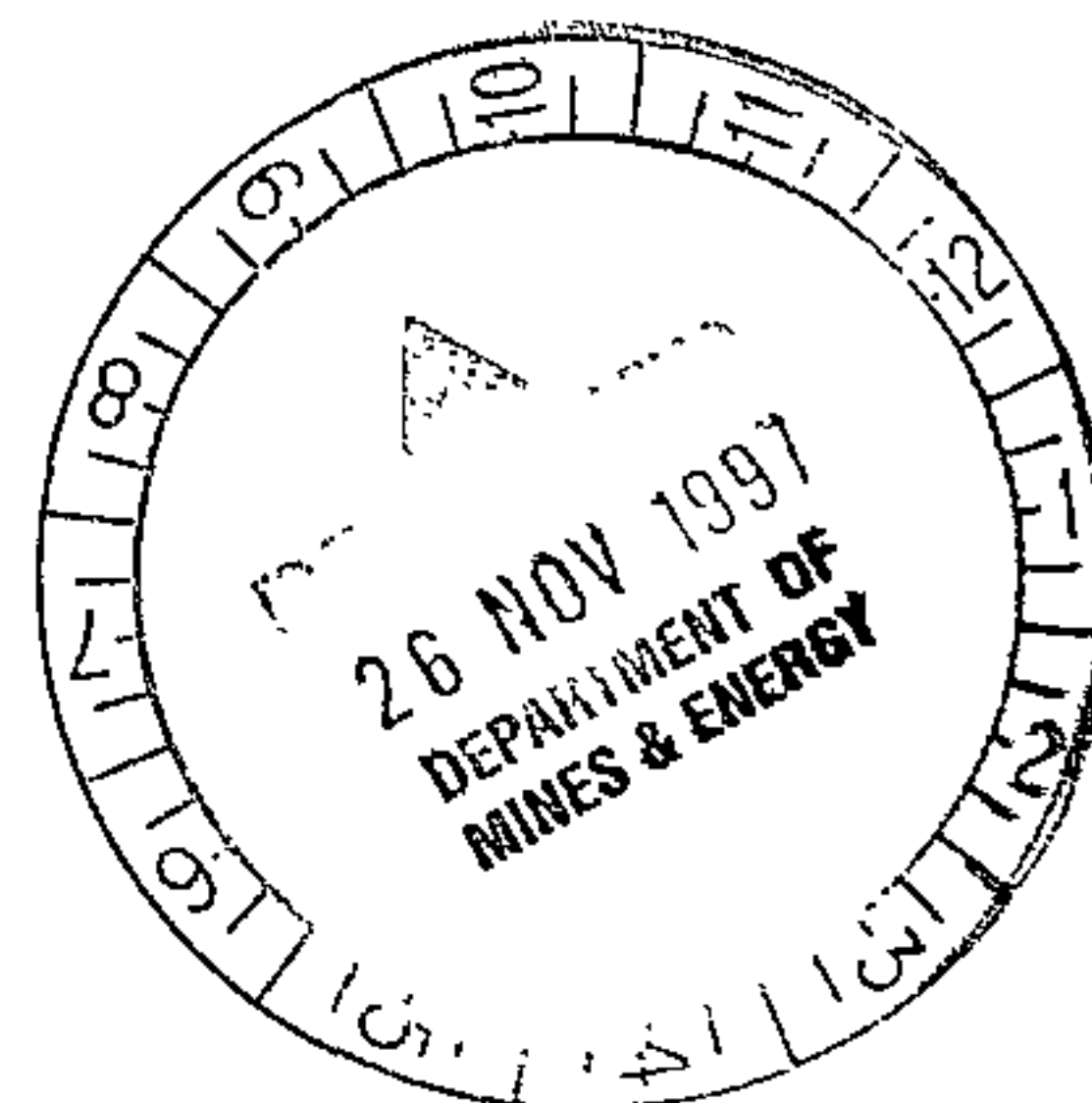
November, 1997

Author:- N. Socic

NTDME

Northern Gold N.L., Adelaide River

Northern Gold N.L., Perth Office



CR98/266

SUMMARY

Substitute Exploration Licence 9591 is located approximately 105 kilometres south - east of Darwin and 15 kilometres east south - east of Adelaide River, within the Cullen Mineral Field, on the Margaret River (14/2-I), Burnside (14/2-II), Burrell Creek (14/2-III), Ban Ban (14/3-III), Fenton (14/5-I) and the Burrundie (14/6-IV) 1:50,000 scale map sheets.

The area now covered by Substitute Exploration Licence 9591 has been extensively explored by Dominion Gold Operations Pty. Ltd and Northern Gold N.L. over previous tenure. Recent exploration within the area now held as SEL 9591 included stream sediment sampling, rock chip sampling, soil sampling, vacuum drilling, aircore drilling, RC drilling, diamond drilling, aeromagnetic surveys and GIS interpretations.

The Substitute Exploration Licence is comprised of an amalgamation of tenements held by Northern Gold N.L. (50%) and Camelot Northern Territory Limited (50%), Territory Goldfields N.L. and Star Money Lenders Pty. Ltd. The tenements held by Northern Gold N.L. (50%) and Camelot Northern Territory Limited (50%) were EL 7120, EL 7492, EL 7769, EL 7786, EL 8082, EL 8128, EL 8129, EL 8521, EL 8529, EL 8550, EL 8886, EL 8927, EL 9223, EL 9224, EL 9225, EL 9226, EL 9349, EL 9379, EL 9435, EL 9462, EL 9464, EL 9465, EL 9471, EL 9482, EL 9483, EL 9484, EL 9486 and EL 9487. The exploration licences held by Territory Goldfields were EL 7231, EL 7364, EL 7561, EL 7601, EL 7623, EL 7701, EL 7728, EL 7866, EL 7880, EL 7926, EL 8003, EL 8049, EL 8053, EL 8139, EL 8197, EL 8207, EL 8444, EL 8511, EL 8579, EL 8683, EL 8781, EL 8835 and EL 9037. Star Money Lenders Pty. Ltd. held EL 7738 and EL 8898.

Substitute Exploration Licence 9591 was granted to Northern Gold N.L. on the 31st of October 1996, for a period of four years. A waiver of reduction was granted over SEL 9591 on the 30th of September 1997, enabling 251 blocks to be retained until the 30th of September 1998.

During the 1996/97 year of tenure, Northern Gold N.L. completed MMI geochemical soil sampling, two phases of RC drilling, ore resource estimates and an environmental study.

MMI geochemical soil sampling was carried out over 5 lines, 1,500 metres in length, to test two anomalies over the McCallums Creek Prospect. A total of 315 samples (Sample Nos. 150601 - 150915), including duplicates, were submitted to Amdel for MMI Au, Ag, Pd, Co and Ni analysis.

Results from the McCallum's Creek program were encouraging and defined two sub-parallel, north - west trending zones, with high response ratios, over an area greater than 500 metres strike length, and up to 200 metres in width. A peak value of 48 ppb Au, with a response ratio of 384, was returned (Sample No. 150780, 8527913.596N : 769461.052E).

Northern Gold N.L. completed an MMI geochemical sampling program over the Kazi Prospect. A total of 142 samples (Sample Nos. 108238 - 108379) were collected from two traverses at 5 metre intervals. The samples were submitted to Analabs (Perth Laboratory) for analysis of Cu, Pb, Zn, Cd, Au, Ag, Ni, Co and Pd by the analytical methods MS800 and MS801.

MMI geochemistry at the Kazi Prospect identified an anomalous Au zone along the southern traverse, possibly structurally controlled within a specific geological unit.

Over the northern traverse, the geochemical patterns were more subdued, with individual elements more erratic. Three low order Au trends were identified at 752532E to 752577E, 752662E to 752702E and 752747E to 752802E.

The peak results returned from the MMI geochemical soil sampling program at the Kazi Prospect were 20.12 ppb Au (Sample No. 108333, 8523436.83N : 752648.45E) and 29.47 ppb Au (Sample No. 108340, 8523434.48N : 752683.39 E).

A first phase resource RC drilling program was completed over the Ios Prospect. A total of 5 holes (Hole Nos. IOS007 - IOS011) were completed for 640 metres. Best intersections, at 0.7 g/t cut off with minimum width of two metres and maximum internal dilution of two metres, were 7 metres @ 1.71 g/t Au from 27 metres (Hole No. IOS009, 8516989N : 750792.4E), 4 metres @ 2.06 g/t Au from 84 metres (Hole No. IOS011, 8516987N : 750832.2E), and 2 metres @ 1.09 g/t Au from 87 metres (Hole No. IOS007, 8516888N : 750828.1E).

A second phase resource RC drilling program was completed at the Ios Prospect, during the 1996/97 year of tenure. A total of 14 holes (Hole Nos. IOS004 - 006, IOS012, IOS014 - 023) were completed for 1,759 metres.

The best intersections, at 0.7 g/t cut off with minimum width of two metres and maximum internal dilution of two metres, were 15 metres @ 4 g/t Au from 59 metres (Hole No. IOS 014, 8517063N :750844.7E), 10 metres @ 4.84 g/t Au from 95 metres (Hole No. IOS018, 8517128N : 750798.2E), and 7 metres @ 3.11 g/t Au from 76 metres (Hole No. IOS022, 8517167N : 750819.8E). The drilling confirmed the high grade, but discontinuous, nature of the mineralisation at Ios.

Northern Gold N.L. also completed an MMI geochemical sampling program at the Western Arm Gold Prospect. A total of 24 samples (Sample Nos. 132571 - 132581, 132652 - 132662, 132743, 132824) were collected from within the substitute exploration licence, along the extensions of four traverses, at 5 metre intervals. The MMI geochemical soil sampling program returned a peak result of 6.29 ppb Au (Sample No. 132658, 8515808.77N : 749085.25E).

A Public Environmental Report (PER) was prepared by AGC Woodward - Clyde Pty. Ltd. for Northern Gold N.L. in March 1997. The report was written to cover mining operations at Kazi, Western Arm and Bridge Creek, in response to guidelines provided by the Northern Territory Department of Mines and Energy. The Public Environmental Report was structured to generally follow these guidelines.

Further work over SEL 9591 will concentrate on regional exploration over the whole tenement, continuing with local work programs over areas such as North Mount Paqualin and the Howley Anticline, as well as additional resource development work.

Exploration will include regional soil sampling within the Margaret Syncline and along the entire western margin of the tenement, costean excavation, follow - up RC drilling for the soil sampling and costeaning, RC drilling of advanced targets such as West Kazi and Bons Rush, and Resource drilling at West Chinese.

The covenant for the 1996/97 year of tenure was \$400,000 and the expenditure totaled \$496,949.

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APPENDIX 1

McCallums Creek MMI Geochemical Soil Sampling Program Sample Locations and Assay Results

McCALLUMS CREEK, MMI SAMPLING RESULTS

Sample	AMGeast	AMGnorth	Au	Backgroun	Respons	Ag	Pd	Ni	Co	Soil Type
150601	768323.763	8527514.173	0.13	0.125	1	0.45	-0.25	45	45	FeSol
150602	768344.443	8527527.952	0.13	0.125	1	2.05	-0.25	45	25	FeSol
150603	768365.122	8527541.73	0.13	0.125	1	-0.25	-0.25	95	80	FeSol
150604	768385.802	8527555.508	0.13	0.125	1	3.4	-0.25	285	190	FeSol
150605	768406.482	8527569.287	0.6	0.125	5	-0.25	-0.25	55	60	FeSol
150606	768427.162	8527583.065	0.35	0.125	3	-0.25	0.3	40	45	FeSol
150607	768447.841	8527596.843	0.45	0.125	4	-0.25	-0.25	160	80	FeSol
150608	768468.521	8527610.622	1.2	0.125	10	3.55	-0.25	190	15	FeSol
150609	768489.201	8527624.4	3.45	0.125	28	5.25	0.45	260	75	FeSol
150610	768509.881	8527638.178	5.05	0.125	40	1.9	0.4	225	40	FeSol
150611	768530.561	8527651.956	8.9	0.125	71	2.85	0.35	245	90	FeSol
150612	768551.24	8527665.735	2.85	0.125	23	1.05	-0.25	165	45	FeSol
150613	768571.92	8527679.513	1	0.125	8	0.5	0.45	235	60	FeSol
150614	768571.92	8527679.513	1.15	0.125	9	0.35	0.35	210	60	FeSol
150615	768592.6	8527693.291	1.45	0.125	12	1.65	0.5	165	50	FeSol
150616	768613.28	8527707.07	0.5	0.125	4	3.65	0.25	80	105	BSol
150617	768633.96	8527720.848	0.13	0.125	1	3.3	-0.25	40	75	FeSol
150618	768654.639	8527734.626	0.13	0.125	1	2	-0.25	35	70	FeSol
150619	768675.319	8527748.405	0.55	0.125	4	6.05	-0.25	70	160	FeSol
150620	768695.999	8527762.183	0.3	0.125	2	1.6	-0.25	40	185	FeSol
150621	768716.679	8527775.961	0.13	0.125	1	2.25	0.25	35	65	FeSol
150622	768737.358	8527789.739	0.13	0.125	1	1.5	-0.25	50	130	FeSol
150623	768758.038	8527803.518	0.13	0.125	1	1.8	-0.25	125	530	FeSol
150624	768778.718	8527817.296	0.6	0.125	5	1.1	0.35	70	415	FeSol
150625	768799.398	8527831.074	0.13	0.125	1	1.2	-0.25	85	100	FeSol
150626	768820.078	8527844.853	0.13	0.125	1	0.65	0.25	35	20	FeSol
150627	768840.757	8527858.631	0.13	0.125	1	0.95	-0.25	60	160	FeSol
150628	768861.437	8527872.409	0.13	0.125	1	1.3	0.25	65	175	FeSol
150629	768882.117	8527886.187	0.13	0.125	1	0.95	-0.25	55	110	FeSol
150630	768902.797	8527899.966	0.3	0.125	2	1.35	0.25	35	200	FeSol
150631	768923.476	8527913.744	0.13	0.125	1	1.35	-0.25	30	135	FeSol
150632	768944.156	8527927.522	0.13	0.125	1	0.4	-0.25	45	95	FeSol
150633	768964.836	8527941.301	0.3	0.125	2	0.3	0.3	45	230	FeSol
150634	768985.516	8527955.079	0.45	0.125	4	-0.25	0.25	60	375	FeSol
150635	769006.196	8527968.857	0.13	0.125	1	-0.25	0.25	60	140	FeSol
150636	769026.875	8527982.636	0.13	0.125	1	-0.25	-0.25	95	135	FeSol
150637	769047.555	8527996.414	0.13	0.125	1	-0.25	0.3	70	35	FeSol
150638	769068.235	8528010.192	0.13	0.125	1	0.75	0.3	70	35	FeSol
150639	769088.915	8528023.97	0.3	0.125	2	0.35	0.25	205	410	FeSol
150640	769109.595	8528037.749	0.25	0.125	2	0.55	-0.25	140	100	FeSol
150641	769130.274	8528051.527	0.13	0.125	1	0.45	-0.25	45	40	FeSol
150642	769150.954	8528065.305	0.13	0.125	1	0.75	0.25	65	25	FeSol
150643	769171.634	8528079.084	0.13	0.125	1	0.45	-0.25	65	60	FeSol
150644	769192.314	8528092.862	0.13	0.125	1	0.7	0.3	130	60	FeSol
150645	769212.993	8528106.64	0.13	0.125	1	1.45	0.25	205	30	FeSol
150646	769233.673	8528120.419	0.3	0.125	2	0.45	0.3	240	255	FeSol
150647	769233.673	8528120.419	0.35	0.125	3	0.35	-0.25	225	250	FeSol
150648	769254.353	8528134.197	0.35	0.125	3	2.45	0.35	245	80	FeSol
150649	769275.033	8528147.975	0.25	0.125	2	0.45	-0.25	285	25	FeSol
150650	769295.713	8528161.753	0.4	0.125	3	0.75	-0.25	110	85	FeSol
150651	769316.392	8528175.532	0.25	0.125	2	0.3	-0.25	135	95	FeSol
150652	769337.072	8528189.31	0.9	0.125	7	-0.25	-0.25	115	55	FeSol

NOTE: All results are in "ppb"

Sample	AMGeast	AMGnorth	Au	Backgroun	Respons	Ag	Pd	Ni	Co	Soil Type
150653	769357.752	8528203.088	1.2	0.125	10	0.3	-0.25	345	20	FeSol
150654	769378.432	8528216.867	2.35	0.125	19	2	0.85	260	35	FeSol
150655	769399.112	8528230.645	1.65	0.125	13	0.95	1	205	15	FeSol
150656	769419.791	8528244.423	1.1	0.125	9	1.2	0.55	320	30	BSol
150657	769440.471	8528258.202	1.25	0.125	10	7.15	0.25	505	75	FeSol
150658	769461.151	8528271.98	0.45	0.125	4	4.35	-0.25	350	45	FeSol
150659	769481.831	8528285.758	1.35	0.125	11	0.4	0.5	355	110	FeSol
150660	769502.51	8528299.536	0.35	0.125	3	1.95	-0.25	265	10	FeSol
150661	769523.19	8528313.315	0.35	0.125	3	3	-0.25	340	15	FeSol
150662	769543.87	8528327.093	0.13	0.125	1	1.4	-0.25	235	10	FeSol
150663	769564.55	8528340.871	1.05	0.125	8	0.55	0.3	130	45	FeSol
150664	768433.989	8527348.735	0.13	0.125	1	-0.25	-0.25	145	55	FeSol
150665	768454.669	8527362.513	0.13	0.125	1	0.45	-0.25	60	25	FeSol
150666	768475.349	8527376.292	0.13	0.125	1	-0.25	-0.25	75	25	FeSol
150667	768496.028	8527390.07	0.35	0.125	3	-0.25	-0.25	30	20	FeSol
150668	768516.708	8527403.848	2.75	0.125	22	-0.25	-0.25	40	20	FeSol
150669	768537.388	8527417.627	1.85	0.125	15	1.25	-0.25	90	20	FeSol
150670	768558.068	8527431.405	1.6	0.125	13	2.5	0.6	130	20	FeSol
150671	768578.748	8527445.183	1.1	0.125	9	2.05	1.35	230	15	BSol
150672	768599.427	8527458.962	0.8	0.125	6	1.6	1.5	260	15	BSol
150673	768620.107	8527472.74	2.5	0.125	20	1.85	1.3	290	40	BSol
150674	768640.787	8527486.518	5.4	0.125	43	4.95	1.55	375	35	FeSol
150675	768661.467	8527500.296	0.75	0.125	6	1.5	0.7	260	30	FeSol
150676	768682.147	8527514.075	3.5	0.125	28	0.7	0.55	425	90	FeSol
150677	768682.147	8527514.075	3.25	0.125	26	0.75	0.65	435	90	FeSol
150678	768702.826	8527527.853	5.5	0.125	44	2.7	0.45	115	225	FeSol
150679	768723.506	8527541.631	3.05	0.125	24	2.15	0.35	285	80	BSol
150680	768744.186	8527555.41	10	0.125	80	1.7	0.35	80	235	FeSol
150681	768764.866	8527569.188	7.25	0.125	58	0.7	-0.25	55	135	FeSol
150682	768785.545	8527582.966	2.2	0.125	18	-0.25	-0.25	60	225	FeSol
150683	768806.225	8527596.745	2.55	0.125	20	1.35	-0.25	110	515	FeSol
150684	768826.905	8527610.523	2.15	0.125	17	0.3	-0.25	55	475	FeSol
150685	768847.585	8527624.301	0.13	0.125	1	-0.25	-0.25	40	140	FeSol
150686	768868.265	8527638.079	0.13	0.125	1	0.45	0.3	55	325	FeSol
150687	768888.944	8527651.858	0.25	0.125	2	0.65	0.3	90	420	FeSol
150688	768909.624	8527665.636	0.13	0.125	1	-0.25	-0.25	585	745	FeSol
150689	768930.304	8527679.414	0.25	0.125	2	0.25	-0.25	10	50	FeSol
150690	768950.984	8527693.193	0.13	0.125	1	-0.25	0.25	25	35	FeSol
150691	768971.664	8527706.971	0.13	0.125	1	0.8	0.3	175	285	FeSol
150692	768992.343	8527720.749	0.3	0.125	2	0.35	-0.25	60	160	FeSol
150693	769013.023	8527734.528	0.3	0.125	2	-0.25	-0.25	170	470	FeSol
150694	769033.703	8527748.306	0.13	0.125	1	0.25	-0.25	80	110	FeSol
150695	769054.383	8527762.084	0.5	0.125	4	-0.25	-0.25	80	175	FeSol
150696	769075.062	8527775.862	0.13	0.125	1	-0.25	-0.25	55	50	FeSol
150697	769095.742	8527789.641	0.13	0.125	1	0.85	-0.25	90	80	FeSol
150698	769116.422	8527803.419	0.3	0.125	2	0.95	0.25	55	165	FeSol
150699	769137.102	8527817.197	0.13	0.125	1	0.25	0.3	40	65	FeSol
150700	769157.782	8527830.976	0.13	0.125	1	0.4	-0.25	35	15	FeSol
150701	769178.461	8527844.754	0.3	0.125	2	0.45	0.3	85	45	FeSol
150702	769199.141	8527858.532	0.13	0.125	1	-0.25	-0.25	70	85	FeSol
150703	769219.821	8527872.31	0.13	0.125	1	-0.25	-0.25	60	55	FeSol
150704	769240.501	8527886.089	0.13	0.125	1	-0.25	-0.25	50	75	FeSol
150705	769261.18	8527899.867	0.13	0.125	1	-0.25	-0.25	60	255	FeSol
150706	769281.86	8527913.645	2.9	0.125	23	-0.25	0.25	45	165	FeSol

NOTE: All results are in "ppb"

Sample	AMGeast	AMGnorth	Au	Backgroun	Respons	Ag	Pd	Ni	Co	Soil Type
150707	769302.54	8527927.424	3.7	0.125	30	-0.25	-0.25	30	30	FeSol
150708	769323.22	8527941.202	0.5	0.125	4	-0.25	-0.25	25	35	FeSol
150709	769343.9	8527954.98	1.05	0.125	8	-0.25	-0.25	30	20	FeSol
150710	769343.9	8527954.98	0.9	0.125	7	-0.25	-0.25	30	20	FeSol
150711	769364.579	8527968.759	1.55	0.125	12	2.85	-0.25	130	30	FeSol
150712	769385.259	8527982.537	8.8	0.125	70	-0.25	-0.25	55	90	FeSol
150713	769405.939	8527996.315	18	0.125	144	1.8	-0.25	85	110	FeSol
150714	769426.619	8528010.093	8.9	0.125	71	-0.25	-0.25	50	50	FeSol
150715	769447.299	8528023.872	2.85	0.125	23	2.45	-0.25	135	30	FeSol
150716	769467.978	8528037.65	3.05	0.125	24	-0.25	-0.25	75	40	FeSol
150717	769488.658	8528051.428	7.7	0.125	62	-0.25	0.3	90	95	FeSol
150718	769509.338	8528065.207	5.3	0.125	42	-0.25	-0.25	100	50	FeSol
150719	769530.018	8528078.985	2.55	0.125	20	-0.25	0.35	225	20	FeSol
150720	769550.697	8528092.763	1.6	0.125	13	-0.25	-0.25	160	10	FeSol
150721	769571.377	8528106.542	2.6	0.125	21	7.45	0.3	270	45	FeSol
150722	769592.057	8528120.32	0.75	0.125	6	-0.25	0.3	260	15	FeSol
150723	769612.737	8528134.098	0.75	0.125	6	12	-0.25	695	25	FeSol
150724	769633.417	8528147.876	0.65	0.125	5	4.2	-0.25	525	10	FeSol
150725	769654.096	8528161.655	0.45	0.125	4	3.45	0.35	610	15	FeSol
150726	769674.776	8528175.433	0.45	0.125	4	6.6	0.35	575	15	FeSol
150727	768406.383	8527210.903	0.3	0.125	2	0.5	-0.25	105	150	FeSol
150728	768427.063	8527224.681	0.13	0.125	1	0.65	-0.25	55	60	FeSol
150729	768447.743	8527238.459	0.13	0.125	1	0.45	-0.25	60	35	FeSol
150730	768468.423	8527252.238	0.13	0.125	1	0.5	-0.25	70	25	FeSol
150731	768489.102	8527266.016	0.13	0.125	1	-0.25	-0.25	85	20	FeSol
150732	768509.782	8527279.794	0.5	0.125	4	0.95	-0.25	255	35	FeSol
150733	768530.462	8527293.573	0.3	0.125	2	0.65	-0.25	65	40	FeSol
150734	768551.142	8527307.351	0.55	0.125	4	0.7	-0.25	60	35	FeSol
150735	768571.821	8527321.129	2.25	0.125	18	1.55	-0.25	200	15	FeSol
150736	768592.501	8527334.908	1.5	0.125	12	1.85	0.7	165	40	BSol
150737	768613.181	8527348.686	2.55	0.125	20	1.7	0.7	140	30	BSol
150738	768633.861	8527362.464	2.65	0.125	21	2.2	0.35	140	20	BSol
150739	768654.541	8527376.242	2.1	0.125	17	0.3	-0.25	150	90	BSol
150740	768675.22	8527390.021	4.05	0.125	32	1.15	0.35	100	35	FeSol
150741	768695.9	8527403.799	7	0.125	56	0.55	0.4	55	295	BSol
150742	768716.58	8527417.577	2.45	0.125	20	0.65	-0.25	105	40	BSol
150743	768737.26	8527431.356	4.3	0.125	34	1.7	0.7	180	115	FeSol
150744	768737.26	8527431.356	4.7	0.125	38	2.1	0.6	195	110	FeSol
150745	768757.94	8527445.134	6.3	0.125	50	2.85	0.25	295	55	FeSol
150746	768778.619	8527458.912	5	0.125	40	2	0.45	125	105	FeSol
150747	768799.299	8527472.691	4.25	0.125	34	4.35	-0.25	210	860	FeSol
150748	768819.979	8527486.469	3.4	0.125	27	2.5	-0.25	950	1000	FeSol
150749	768840.659	8527500.247	2.35	0.125	19	4.1	-0.25	1600	1900	FeSol
150750	768861.338	8527514.025	2.65	0.125	21	0.35	-0.25	225	1000	FeSol
150751	768882.018	8527527.804	0.3	0.125	2	0.7	-0.25	370	645	FeSol
150752	768902.698	8527541.582	0.25	0.125	2	-0.25	-0.25	560	2200	FeSol
150753	768923.378	8527555.36	0.13	0.125	1	0.8	-0.25	285	2200	FeSol
150754	768944.058	8527569.139	0.13	0.125	1	0.7	-0.25	25	490	FeSol
150755	768964.737	8527582.917	0.13	0.125	1	0.6	-0.25	40	490	FeSol
150756	768985.417	8527596.695	0.13	0.125	1	0.75	-0.25	55	210	FeSol
150757	769006.097	8527610.473	0.13	0.125	1	0.35	-0.25	40	150	FeSol
150758	769026.777	8527624.252	0.13	0.125	1	0.3	-0.25	50	365	FeSol
150759	769047.456	8527638.03	0.13	0.125	1	0.5	-0.25	100	425	FeSol
150760	769068.136	8527651.808	0.13	0.125	1	0.25	-0.25	60	240	FeSol

NOTE: All results are in "ppb"

Sample	AMGeast	AMGnorth	Au	Backgroun	Respons	Ag	Pd	Ni	Co	Soil Type
150761	769088.816	8527665.587	0.13	0.125	1	0.35	-0.25	40	75	FeSol
150762	769109.496	8527679.365	0.35	0.125	3	1.7	-0.25	75	80	FeSol
150763	769130.176	8527693.143	0.13	0.125	1	-0.25	-0.25	30	40	FeSol
150764	769150.855	8527706.922	0.13	0.125	1	-0.25	-0.25	30	30	FeSol
150765	769171.535	8527720.7	0.13	0.125	1	-0.25	-0.25	35	120	FeSol
150766	769192.215	8527734.478	0.13	0.125	1	-0.25	-0.25	105	115	FeSol
150767	769212.895	8527748.256	0.13	0.125	1	-0.25	-0.25	50	175	FeSol
150768	769233.575	8527762.035	0.3	0.125	2	-0.25	-0.25	50	215	FeSol
150769	769254.254	8527775.813	0.13	0.125	1	0.3	-0.25	50	75	FeSol
150770	769274.934	8527789.591	0.13	0.125	1	-0.25	-0.25	230	15	FeSol
150771	769295.614	8527803.37	0.13	0.125	1	0.35	-0.25	270	15	FeSol
150772	769316.294	8527817.148	1.25	0.125	10	0.3	-0.25	25	55	FeSol
150773	769336.973	8527830.926	2.6	0.125	21	0.5	-0.25	40	45	FeSol
150774	769357.653	8527844.705	2.75	0.125	22	-0.25	-0.25	70	125	FeSol
150775	769378.333	8527858.483	3.45	0.125	28	1.35	-0.25	115	35	FeSol
150776	769399.013	8527872.261	10	0.125	80	0.4	0.35	95	115	FeSol
150777	769399.013	8527872.261	7.2	0.125	58	0.35	-0.25	130	125	FeSol
150778	769419.693	8527886.039	6.95	0.125	56	0.55	-0.25	125	240	FeSol
150779	769440.372	8527899.818	4.8	0.125	38	0.5	0.5	135	625	FeSol
150780	769461.052	8527913.596	48	0.125	384	20	2.3	65	245	FeSol
150781	769481.732	8527927.374	3.55	0.125	28	2.2	0.25	120	40	FeSol
150782	769502.412	8527941.153	2.2	0.125	18	1.05	-0.25	100	40	FeSol
150783	769523.092	8527954.931	3.1	0.125	25	1.5	0.6	365	95	FeSol
150784	769543.771	8527968.709	4.4	0.125	35	4.7	0.65	255	65	FeSol
150785	769564.451	8527982.488	1.8	0.125	14	1.15	0.45	120	35	FeSol
150786	769585.131	8527996.266	0.6	0.125	5	0.55	-0.25	150	25	FeSol
150787	769605.811	8528010.044	0.95	0.125	8	0.85	-0.25	120	25	FeSol
150788	769626.49	8528023.822	0.6	0.125	5	1	0.3	215	20	FeSol
150789	769647.17	8528037.601	0.13	0.125	1	3.4	-0.25	385	5	FeSol
150790	768516.61	8527045.465	0.13	0.125	1	-0.25	-0.25	40	55	FeSol
150791	768537.289	8527059.243	0.25	0.125	2	-0.25	-0.25	145	140	FeSol
150792	768557.969	8527073.021	0.13	0.125	1	0.3	-0.25	20	10	FeSol
150793	768578.649	8527086.799	0.4	0.125	3	-0.25	-0.25	35	20	FeSol
150794	768599.329	8527100.578	0.13	0.125	1	0.5	-0.25	15	5	FeSol
150795	768620.008	8527114.356	0.13	0.125	1	1.25	-0.25	90	10	FeSol
150796	768640.688	8527128.134	0.35	0.125	3	0.45	-0.25	120	50	BSol
150797	768661.368	8527141.913	0.13	0.125	1	0.4	-0.25	140	75	FeSol
150798	768682.048	8527155.691	0.75	0.125	6	0.25	0.3	130	40	BSol
150799	768702.728	8527169.469	0.35	0.125	3	0.95	-0.25	115	65	FeSol
150800	768723.407	8527183.248	1.45	0.125	12	-0.25	-0.25	45	60	FeSol
150801	768744.087	8527197.026	3.65	0.125	29	-0.25	0.65	115	130	BSol
150802	768764.767	8527210.804	1.05	0.125	8	-0.25	0.95	100	390	BSol
150803	768785.447	8527224.582	1.9	0.125	15	-0.25	0.95	75	460	FeSol
150804	768806.127	8527238.361	4.55	0.125	36	-0.25	1	175	245	FeSol
150805	768826.806	8527252.139	2.7	0.125	22	0.4	1.05	255	95	FeSol
150806	768847.486	8527265.917	3.9	0.125	31	-0.25	1.5	315	95	FeSol
150807	768847.486	8527265.917	3.15	0.125	25	-0.25	1.35	280	85	FeSol
150808	768868.166	8527279.696	3.05	0.125	24	-0.25	1.65	240	190	FeSol
150809	768888.846	8527293.474	1.65	0.125	13	-0.25	1.05	500	100	FeSol
150810	768909.525	8527307.252	1.25	0.125	10	1.55	-0.25	515	250	BSol
150811	768930.205	8527321.031	1.5	0.125	12	3.95	-0.25	640	215	BSol
150812	768950.885	8527334.809	2.65	0.125	21	-0.25	-0.25	325	110	BSol
150813	768971.565	8527348.587	2.15	0.125	17	-0.25	-0.25	105	130	BSol
150814	768992.245	8527362.365	0.75	0.125	6	-0.25	-0.25	155	40	FeSol

NOTE: All results are in "ppb"

Sample	AMGeast	AMGnorth	Au	Backgroun	Respons	Ag	Pd	Ni	Co	Soil Type
150815	769012.924	8527376.144	2.2	0.125	18	-0.25	-0.25	135	80	FeSol
150816	769033.604	8527389.922	5.6	0.125	45	1.7	-0.25	85	65	FeSol
150817	769054.284	8527403.7	3	0.125	24	-0.25	-0.25	85	75	FeSol
150818	769074.964	8527417.479	2.65	0.125	21	0.5	-0.25	80	55	FeSol
150819	769095.644	8527431.257	1.15	0.125	9	1.35	-0.25	80	50	FeSol
150820	769116.323	8527445.035	0.85	0.125	7	-0.25	-0.25	140	45	FeSol
150821	769137.003	8527458.814	0.45	0.125	4	2.95	0.35	145	30	FeSol
150822	769157.683	8527472.592	0.13	0.125	1	1.45	-0.25	125	35	FeSol
150823	769178.363	8527486.37	0.13	0.125	1	-0.25	0.45	90	30	FeSol
150824	769199.042	8527500.148	0.6	0.125	5	0.35	0.5	45	25	FeSol
150825	769219.722	8527513.927	0.45	0.125	4	-0.25	0.5	25	45	FeSol
150826	769240.402	8527527.705	0.3	0.125	2	2.05	0.5	25	65	FeSol
150827	769261.082	8527541.483	0.45	0.125	4	1.7	0.6	35	90	FeSol
150828	769281.762	8527555.262	0.35	0.125	3	3.5	0.3	60	285	FeSol
150829	769302.441	8527569.04	0.13	0.125	1	0.9	0.3	55	85	FeSol
150830	769323.121	8527582.818	0.13	0.125	1	2.15	-0.25	40	80	FeSol
150831	769343.801	8527596.596	1.75	0.125	14	3.85	0.5	85	70	FeSol
150832	769364.481	8527610.375	0.4	0.125	3	2.65	0.5	45	35	FeSol
150833	769385.16	8527624.153	0.7	0.125	6	2.25	0.3	25	60	FeSol
150834	769405.84	8527637.931	0.13	0.125	1	0.6	-0.25	25	20	FeSol
150835	769426.52	8527651.71	0.5	0.125	4	2	0.25	85	30	FeSol
150836	769447.2	8527665.488	1.1	0.125	9	2.65	-0.25	120	45	FeSol
150837	769467.88	8527679.266	0.85	0.125	7	1.15	-0.25	110	55	FeSol
150838	769488.559	8527693.045	1	0.125	8	2.25	-0.25	100	70	FeSol
150839	769509.239	8527706.823	0.13	0.125	1	0.3	-0.25	160	5	FeSol
150840	769509.239	8527706.823	0.25	0.125	2	0.35	-0.25	215	15	FeSol
150841	769529.919	8527720.601	0.85	0.125	7	1.35	0.3	150	20	FeSol
150842	769550.599	8527734.379	1	0.125	8	0.35	0.3	215	75	FeSol
150843	769571.279	8527748.158	0.9	0.125	7	1.65	0.45	265	45	FeSol
150844	769591.958	8527761.936	0.5	0.125	4	5.15	-0.25	205	35	FeSol
150845	769612.638	8527775.714	1.35	0.125	11	7.05	0.6	195	35	FeSol
150846	769633.318	8527789.493	1.8	0.125	14	3.5	0.9	195	55	FeSol
150847	769653.998	8527803.271	1.45	0.125	12	4.1	0.55	220	45	FeSol
150848	769674.677	8527817.049	0.3	0.125	2	2.2	0.4	245	30	FeSol
150849	769695.357	8527830.828	0.13	0.125	1	0.45	-0.25	275	15	FeSol
150850	769716.037	8527844.606	0.25	0.125	2	5.05	-0.25	320	20	FeSol
150851	769736.717	8527858.384	0.3	0.125	2	4.2	-0.25	350	5	FeSol
150852	769757.397	8527872.162	0.65	0.125	5	10	0.25	195	10	FeSol
150853	768544.117	8526824.913	0.4	0.125	3	1	0.3	75	65	FeSol
150854	768564.797	8526838.691	0.13	0.125	1	0.35	-0.25	40	120	FeSol
150855	768585.476	8526852.47	0.4	0.125	3	0.3	0.3	85	95	FeSol
150856	768606.156	8526866.248	0.13	0.125	1	-0.25	-0.25	15	60	FeSol
150857	768626.836	8526880.026	0.13	0.125	1	0.6	-0.25	35	35	FeSol
150858	768647.516	8526893.805	0.13	0.125	1	-0.25	-0.25	25	40	FeSol
150859	768668.196	8526907.583	0.13	0.125	1	0.25	0.25	55	30	FeSol
150860	768688.875	8526921.361	0.13	0.125	1	0.45	-0.25	110	20	FeSol
150861	768709.555	8526935.14	1	0.125	8	1.2	-0.25	260	25	FeSol
150862	768730.235	8526948.918	1.45	0.125	12	3.3	-0.25	455	40	FeSol
150863	768750.915	8526962.696	0.45	0.125	4	1.7	-0.25	225	30	BSol
150864	768771.594	8526976.474	0.25	0.125	2	0.55	-0.25	275	20	FeSol
150865	768792.274	8526990.253	0.13	0.125	1	1.75	-0.25	80	15	FeSol
150866	768812.954	8527004.031	0.13	0.125	1	2.3	-0.25	110	25	FeSol
150867	768833.634	8527017.809	0.85	0.125	7	0.8	-0.25	150	75	FeSol
150868	768854.314	8527031.588	1.15	0.125	9	0.35	0.3	100	35	FeSol

NOTE: All results are in "ppb"

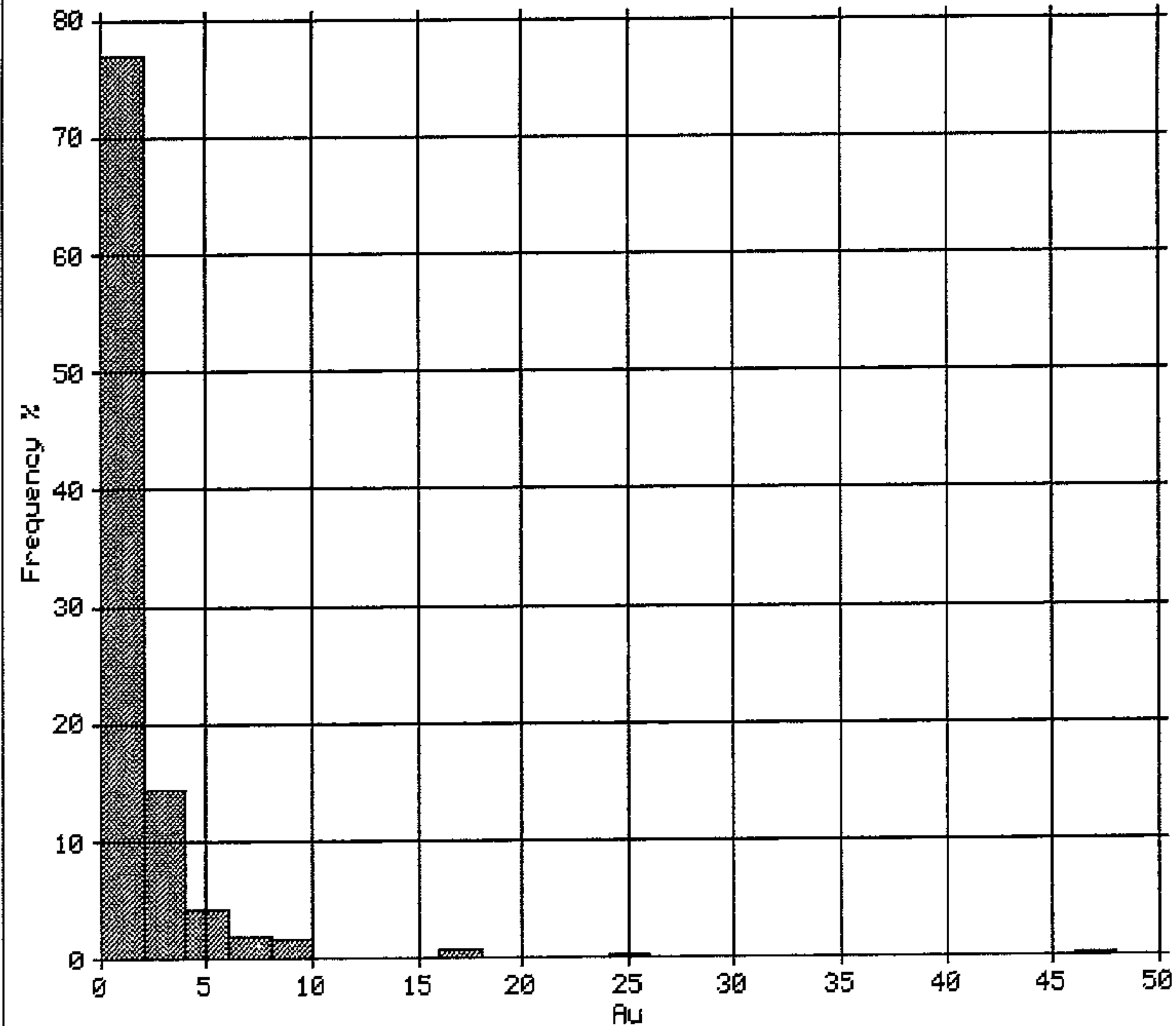
Sample	AMGeast	AMGnorth	Au	Backgroun	Respons	Ag	Pd	Ni	Co	Soil Type
150869	768874.993	8527045.366	1.45	0.125	12	2.25	0.45	295	160	FeSol
150870	768895.673	8527059.144	1	0.125	8	1.05	0.4	275	80	FeSol
150871	768916.353	8527072.922	1.15	0.125	9	1.95	-0.25	305	90	BSol
150872	768937.033	8527086.701	1.2	0.125	10	1.75	-0.25	355	80	BSol
150873	768957.712	8527100.479	1.45	0.125	12	0.75	-0.25	415	80	BSol
150874	768957.712	8527100.479	1.5	0.125	12	-0.25	-0.25	395	75	FeSol
150875	768978.392	8527114.257	2.15	0.125	17	3.3	-0.25	410	80	FeSol
150876	768999.072	8527128.036	1.4	0.125	11	-0.25	-0.25	150	40	BSol
150877	769019.752	8527141.814	0.75	0.125	6	0.7	-0.25	135	40	BSol
150878	769040.432	8527155.592	1.25	0.125	10	2.4	-0.25	140	30	FeSol
150879	769061.111	8527169.371	1.8	0.125	14	4.5	-0.25	150	65	FeSol
150880	769081.791	8527183.149	2.3	0.125	18	6.6	-0.25	150	100	FeSol
150881	769102.471	8527196.927	2.1	0.125	17	7.65	-0.25	130	90	BSol
150882	769123.151	8527210.705	1.35	0.125	11	2.25	0.25	140	80	BSol
150883	769143.831	8527224.484	0.13	0.125	1	1.1	0.25	225	40	BSol
150884	769164.51	8527238.262	0.5	0.125	4	1.75	0.9	195	30	BSol
150885	769185.19	8527252.04	2.45	0.125	20	-0.25	0.65	140	645	BSol
150886	769205.87	8527265.819	0.4	0.125	3	1.05	0.35	105	30	BSol
150887	769226.55	8527279.597	1.45	0.125	12	1.85	0.55	190	30	FeSol
150888	769247.229	8527293.375	0.13	0.125	1	0.3	-0.25	80	20	FeSol
150889	769267.909	8527307.154	0.13	0.125	1	0.35	0.25	65	30	BSol
150890	769288.589	8527320.932	0.45	0.125	4	-0.25	-0.25	55	20	BSol
150891	769309.269	8527334.71	0.5	0.125	4	9.8	0.4	175	65	BSol
150892	769329.949	8527348.488	0.35	0.125	3	-0.25	0.45	205	20	FeSol
150893	769350.628	8527362.267	26	0.125	208	1	-0.25	100	35	FeSol
150894	769371.308	8527376.045	18	0.125	144	5.7	-0.25	100	55	FeSol
150895	769391.988	8527389.823	0.9	0.125	7	0.7	-0.25	110	20	FeSol
150896	769412.668	8527403.602	0.75	0.125	6	0.95	-0.25	25	40	FeSol
150897	769433.348	8527417.38	0.35	0.125	3	2.35	0.25	45	15	FeSol
150898	769454.027	8527431.158	0.35	0.125	3	1.35	-0.25	15	10	FeSol
150899	769474.707	8527444.937	0.13	0.125	1	0.75	-0.25	10	15	FeSol
150900	769495.387	8527458.715	0.3	0.125	2	-0.25	-0.25	5	20	FeSol
150901	769516.067	8527472.493	0.75	0.125	6	1.7	-0.25	100	30	FeSol
150902	769536.746	8527486.271	1.15	0.125	9	1.85	0.7	95	50	FeSol
150903	769557.426	8527500.05	0.5	0.125	4	-0.25	1.05	135	30	FeSol
150904	769578.106	8527513.828	0.5	0.125	4	0.25	0.55	170	50	FeSol
150905	769598.786	8527527.606	0.13	0.125	1	-0.25	-0.25	70	10	BSol
150906	769619.466	8527541.385	0.45	0.125	4	-0.25	-0.25	40	25	FeSol
150907	769619.466	8527541.385	0.55	0.125	4	-0.25	-0.25	35	35	FeSol
150908	769640.145	8527555.163	0.25	0.125	2	-0.25	-0.25	30	35	FeSol
150909	769660.825	8527568.941	0.35	0.125	3	-0.25	-0.25	55	15	FeSol
150910	769681.505	8527582.719	0.5	0.125	4	1.95	-0.25	80	35	FeSol
150911	769702.185	8527596.498	0.13	0.125	1	-0.25	-0.25	90	30	FeSol
150912	769722.864	8527610.276	0.13	0.125	1	-0.25	-0.25	85	25	FeSol
150913	769743.544	8527624.054	0.6	0.125	5	1	-0.25	70	20	FeSol
150914	769764.224	8527637.833	0.8	0.125	6	-0.25	-0.25	90	25	FeSol
150915	769784.904	8527651.611	0.6	0.125	5	-0.25	0.25	110	25	FeSol

NOTE: All results are in "ppb"

APPENDIX 2

McCallums Creek Summary Statistics Histograms and Log Probability Plots for the MMI Geochemical Soil Sampling Program Results

Histogram



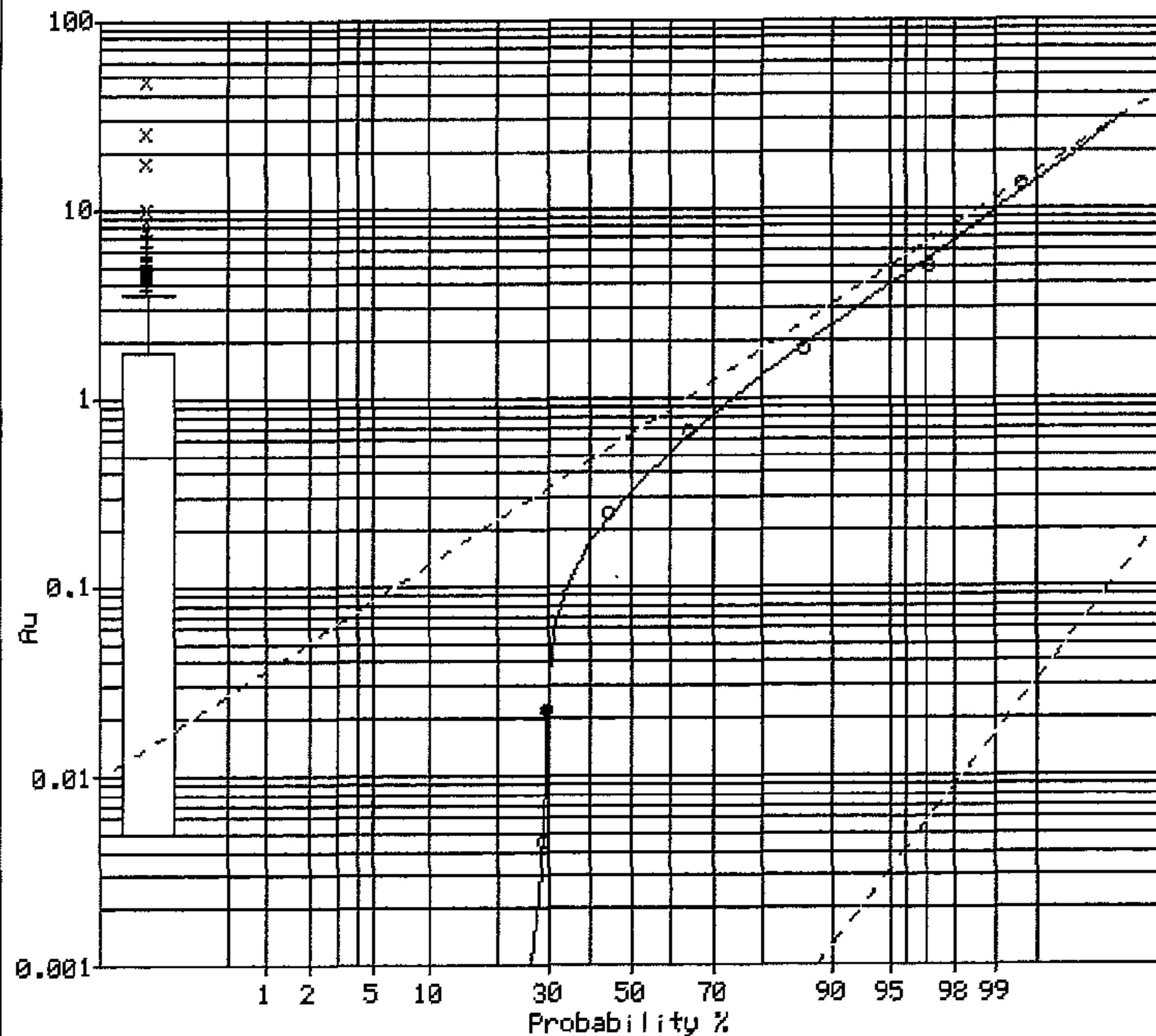
DATA
File 8053MM96
Variable Au

NORMAL STATISTICS
Samples 315
Minimum 0.005
Maximum 48.000
Class Int 2.000
Median 0.500
Mean 1.589
Variance 13.8510
Std Dev 3.7217

LOGARITHMIC STATISTICS
Samples 315
Class Int 0.100
Mean 0.236
Mean of logs -1.446
Log variance 6.9481
Log Std Dev 2.6359

SICHEL STATISTICS
Sichel's Mean 7.519
Sichel's U 6.926
Sichel's Gamma 31.913

Log Probability Plot



DATA
File 8053MM96
Variable Au

NORMAL STATISTICS

Samples 315
Minimum 0.005
Maximum 48.000
Class Int 2.000
Median 0.500
Mean 1.589
Variance 13.8510
Std Dev 3.7217

LOGARITHMIC STATISTICS

Samples 315
Class Int 1.000
Mean 0.236
Mean of logs -1.446
Log variance 6.9481
Log Std Dev 2.6359

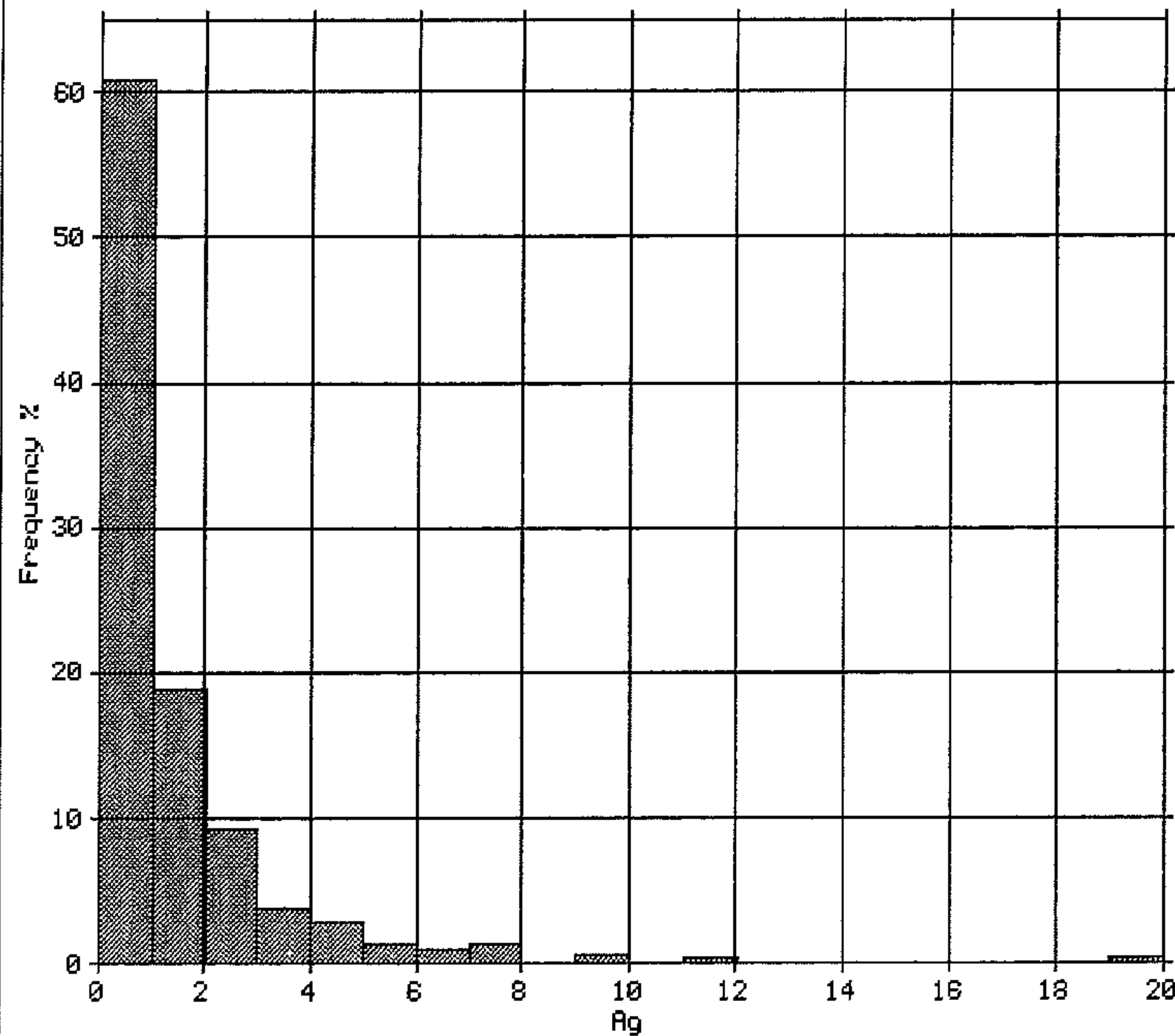
SICHEL STATISTICS

Sichel's Mean 7.519
Sichel's U 6.926
Sichel's Gamma 31.913

Upper Population 70.23%
Mean 0.642 (Ln -0.443)
S Dev 3.422 (Ln 1.230)

Lower Population 29.77%
Mean 0.000 (Ln -9.799)
S Dev 11.739 (Ln 2.463)

Histogram



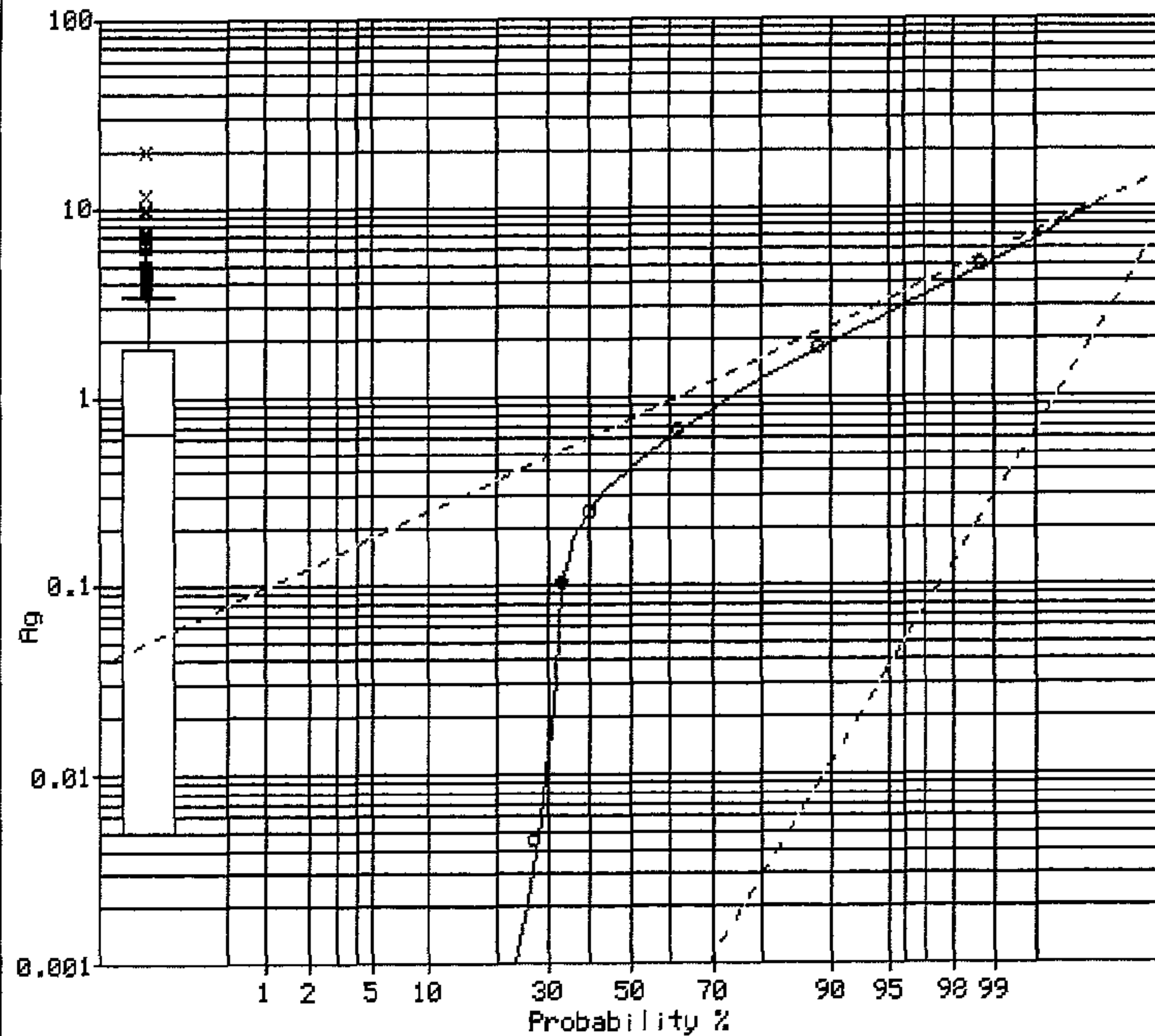
DATA
File 8053MM96
Variable Ag

NORMAL STATISTICS
Samples 315
Minimum 0.005
Maximum 20.000
Class Int 1.000
Median 0.650
Mean 1.338
Variance 4.1415
Std Dev 2.0351

LOGARITHMIC STATISTICS
Samples 315
Class Int 0.100
Mean 0.267
Mean of logs -1.322
Log variance 6.5023
Log Std Dev 2.5500

SICHEL STATISTICS
Sichel's Mean 6.815
Sichel's U 6.482
Sichel's Gamma 25.555

Log Probability Plot



DATA
File 8053MM96
Variable Ag

NORMAL STATISTICS

Samples 315
Minimum 0.005
Maximum 20.000
Class Int 1.000
Median 0.650
Mean 1.338
Variance 4.1415
Std Dev 2.0351

LOGARITHMIC STATISTICS

Samples 315
Class Int 1.000
Mean 0.267
Mean of logs -1.322
Log variance 6.5023
Log Std Dev 2.5500

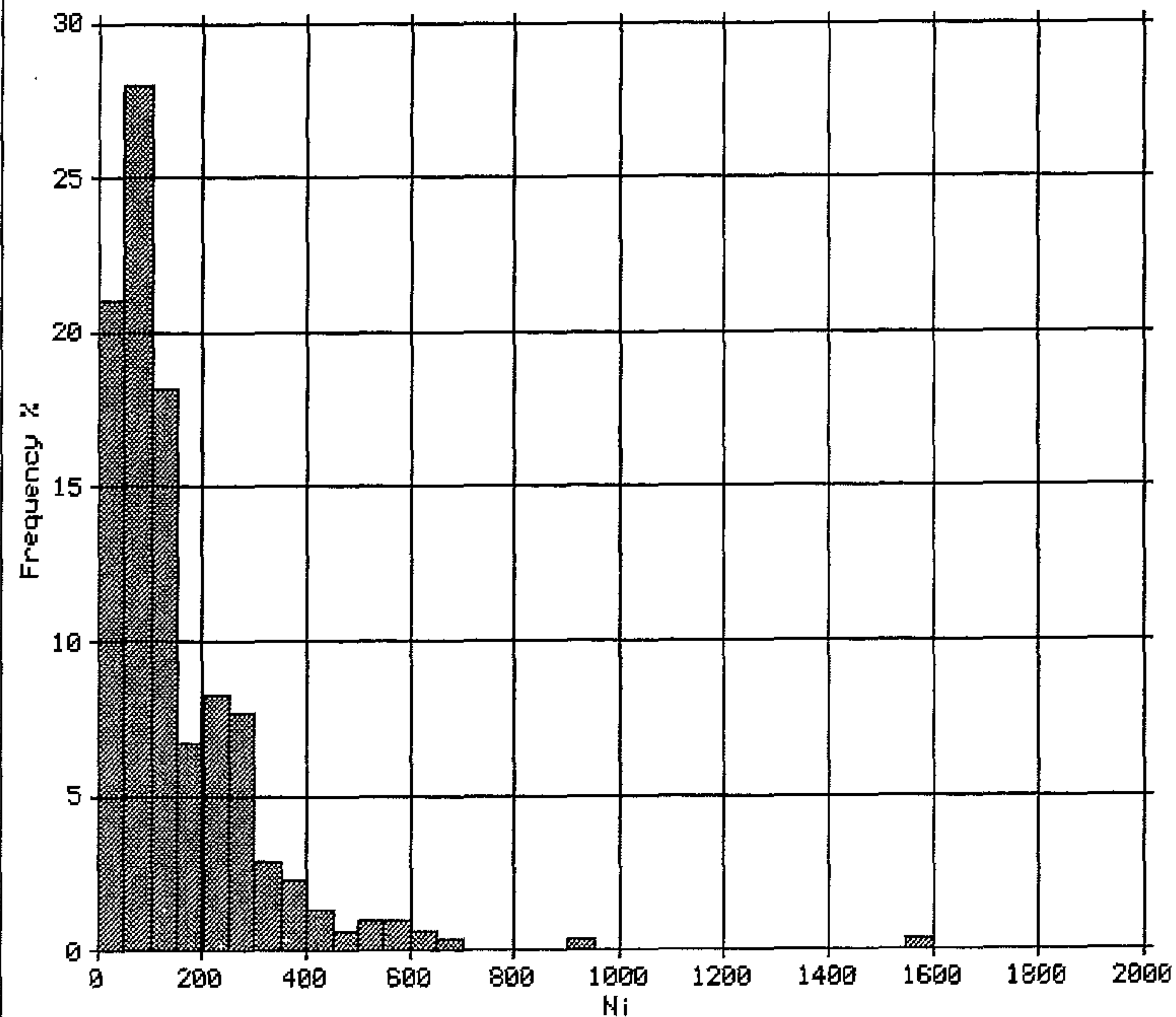
SICHEL STATISTICS

Sichel's Mean 6.815
Sichel's U 6.482
Sichel's Gamma 25.555

Upper Population 66.67%
Mean 0.757 (Ln -0.278)
S Dev 2.403 (Ln 0.877)

Lower Population 33.33%
Mean 0.000 (Ln -8.427)
S Dev 22.194 (Ln 3.100)

Histogram



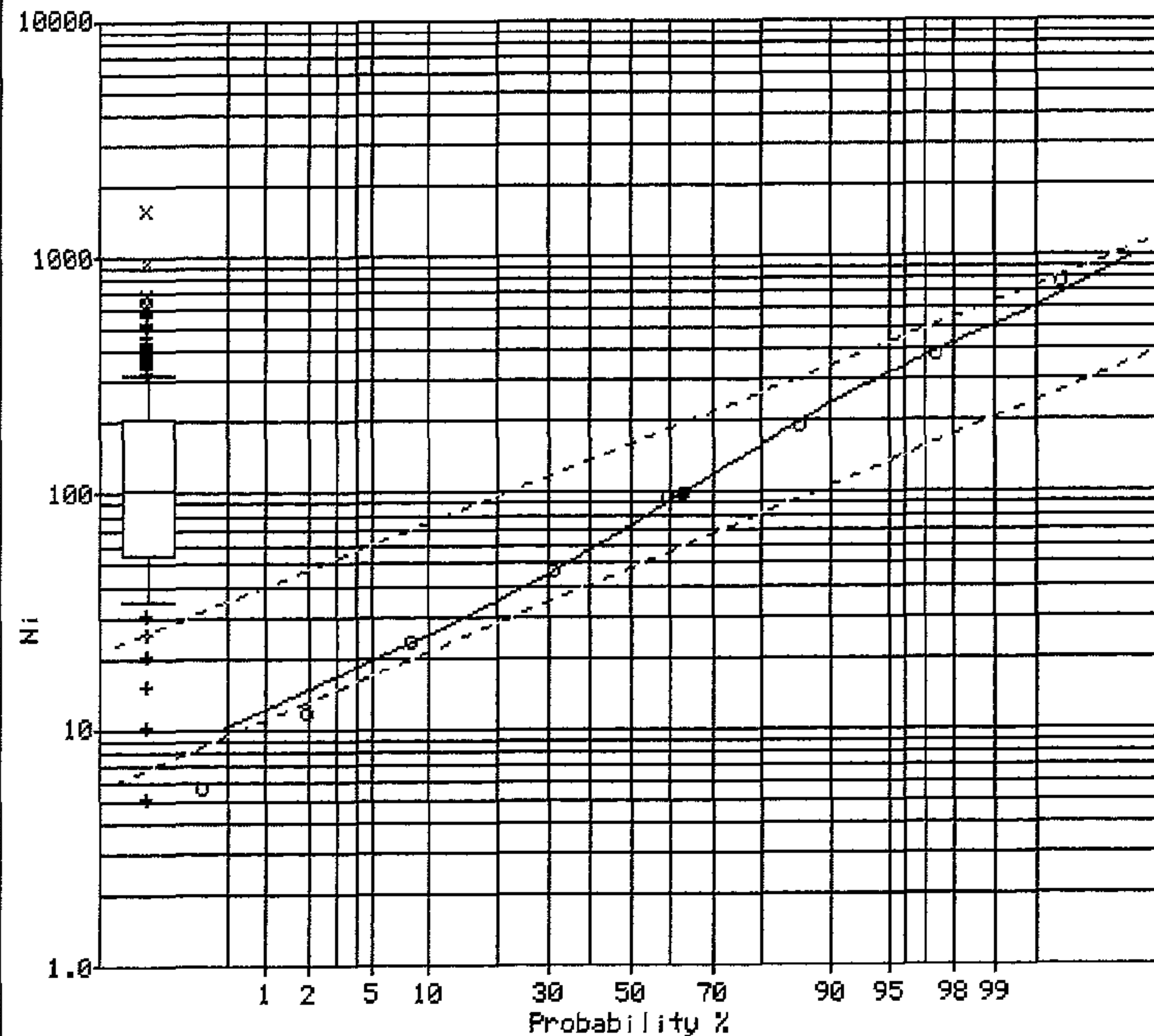
DATA
File 8053MM96
Variable Ni

NORMAL STATISTICS
Samples 315
Minimum 5.000
Maximum 1600.000
Class Int 50.000
Median 105.000
Mean 153.079
Variance 24003.0669
Std Dev 154.9292

LOGARITHMIC STATISTICS
Samples 315
Class Int 0.100
Mean 106.045
Mean of logs 4.664
Log variance 0.7562
Log Std Dev 0.8696

SICHEL STATISTICS
Sichel's Mean 151.144
Sichel's U 0.754
Sichel's Gamma 1.425

Log Probability Plot



DATA

File 8053MM96
Variable Ni

NORMAL STATISTICS

Samples 315
Minimum 5.000
Maximum 1600.000
Class Int 50.000
Median 105.000
Mean 153.079
Variance 24003.0869
Std Dev 154.9292

LOGARITHMIC STATISTICS

Samples 315
Class Int 0.700
Mean 106.045
Mean of logs 4.664
Log variance 0.7562
Log Std Dev 0.8696

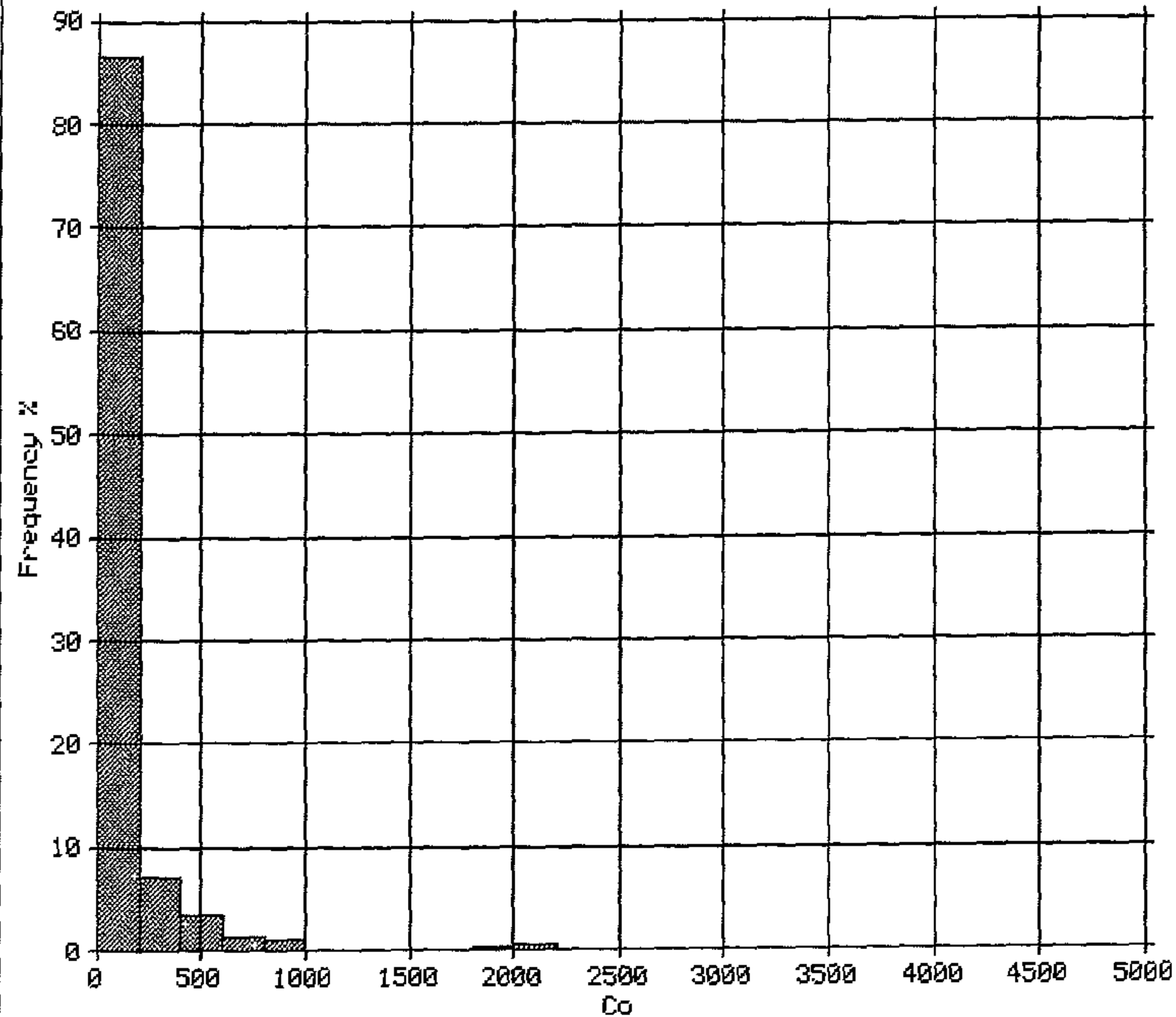
SICHEL STATISTICS

Sichel's Mean 151.144
Sichel's U 0.754
Sichel's Gamma 1.425

Upper Population 37.10%
Mean 160.244 (Ln 5.077)
S Dev 1.807 (Ln 0.591)

Lower Population 62.90%
Mean 46.934 (Ln 3.849)
S Dev 1.875 (Ln 0.629)

Histogram



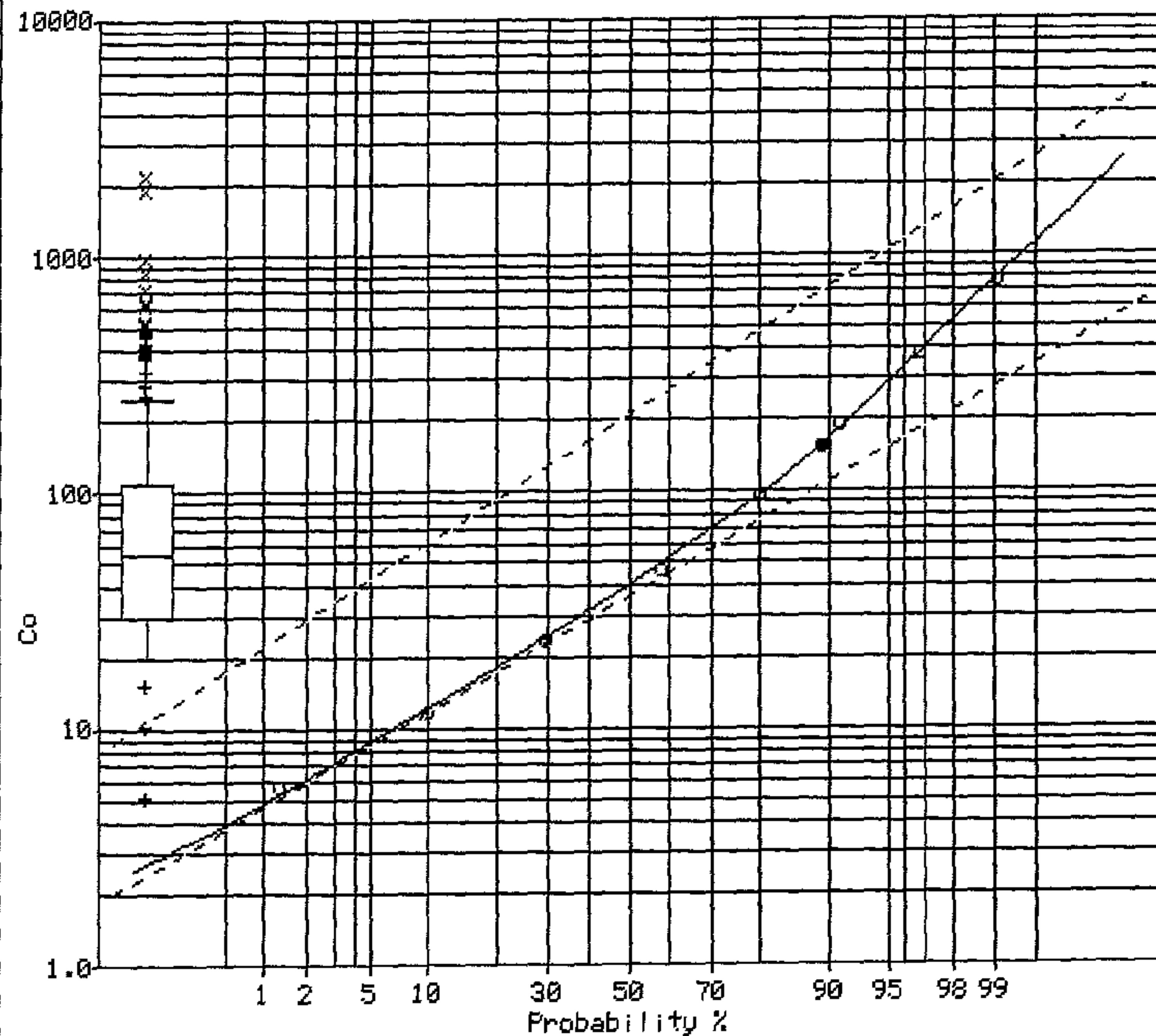
DATA
File 8053MM96
Variable Co

NORMAL STATISTICS
Samples 315
Minimum 5.000
Maximum 2200.000
Class Int 200.000
Median 55.000
Mean 122.460
Variance 58877.4467
Std Dev 242.6468

LOGARITHMIC STATISTICS
Samples 315
Class Int 0.100
Mean 60.214
Mean of logs 4.098
Log variance 1.1578
Log Std Dev 1.0760

SICHEL STATISTICS
Sichel's Mean 107.104
Sichel's U 1.154
Sichel's Gamma 1.779

Log Probability Plot



DATA
File 8053MM96
Variable Co

NORMAL STATISTICS
Samples 315
Minimum 5.000
Maximum 2200.000
Class Int 200.000
Median 55.000
Mean 122.460
Variance 58877.4467
Std Dev 242.6468

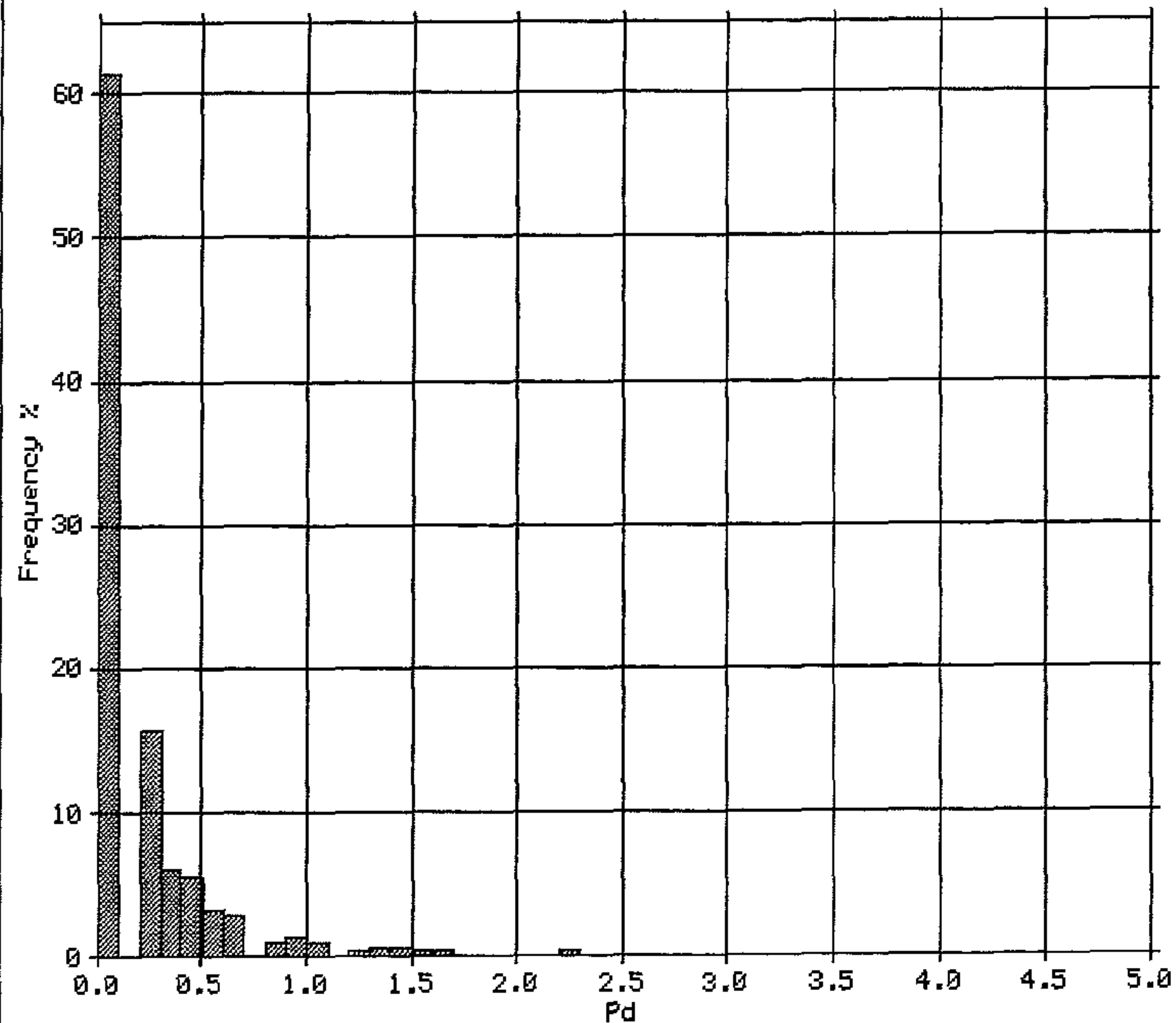
LOGARITHMIC STATISTICS
Samples 315
Class Int 0.700
Mean 60.214
Mean of logs 4.098
Log variance 1.1578
Log Std Dev 1.0760

SICHEL STATISTICS
Sichel's Mean 107.104
Sichel's U 1.154
Sichel's Gamma 1.779

Upper Population 10.97%
Mean 209.695 (Ln 5.346)
S Dev 2.631 (Ln 0.967)

Lower Population 89.03%
Mean 35.433 (Ln 3.568)
S Dev 2.400 (Ln 0.875)

Histogram



DATA
File 8053MM96
Variable Pd

NORMAL STATISTICS

Samples 315
Minimum 0.005
Maximum 2.300
Class Int 0.100
Median 0.005
Mean 0.201
Variance 0.1098
Std Dev 0.3313

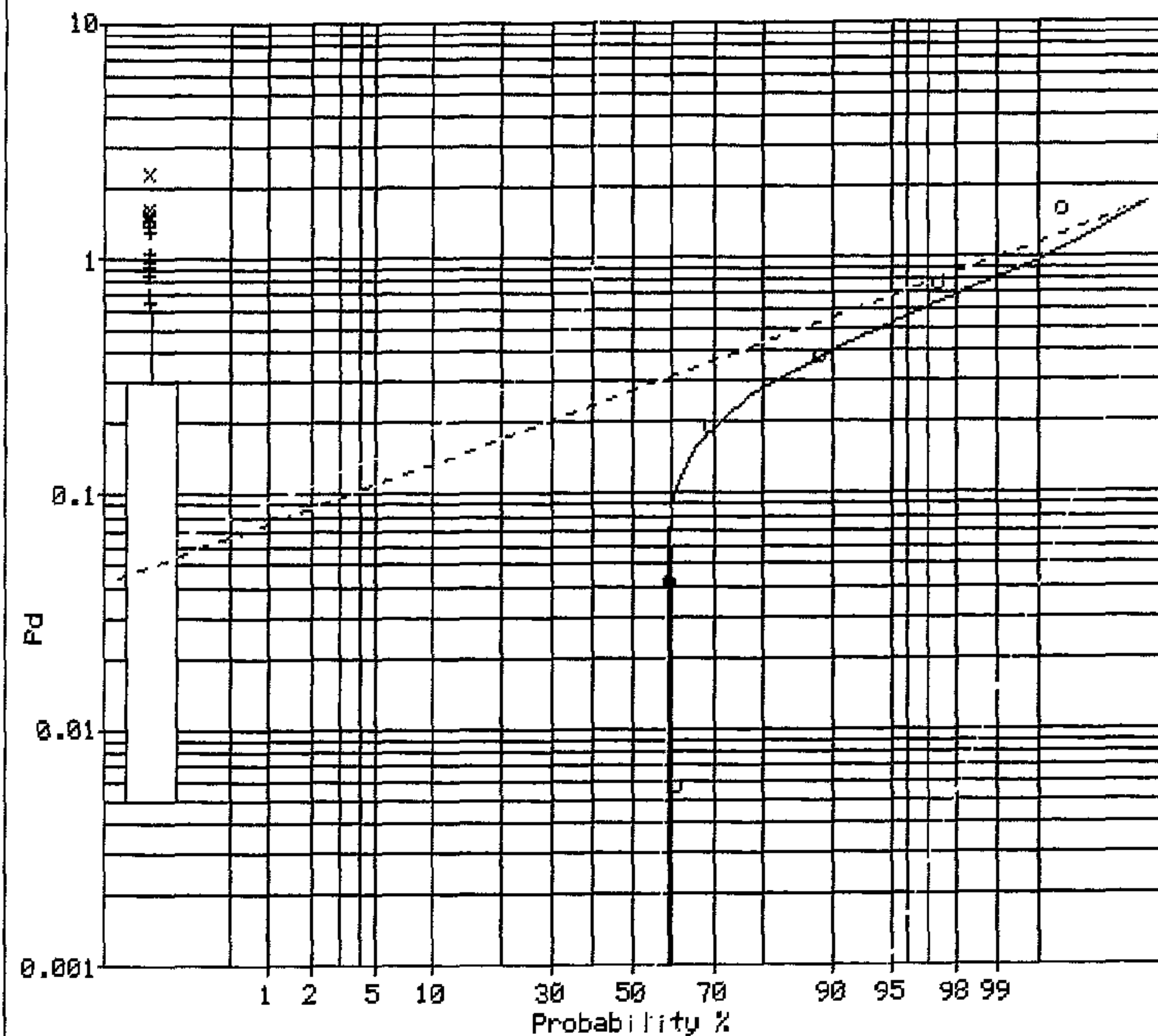
LOGARITHMIC STATISTICS

Samples 315
Class Int 0.100
Mean 0.028
Mean of logs -3.568
Log variance 4.8593
Log Std Dev 2.2044

SICHEL STATISTICS

Sichel's Mean 0.318
Sichel's U 4.844
Sichel's Gamma 11.268

Log Probability Plot



DATA
File 8053MM96
Variable Pd

NORMAL STATISTICS

Samples 315
Minimum 0.005
Maximum 2.300
Class Int 0.100
Median 0.005
Mean 0.201
Variance 0.1098
Std Dev 0.3313

LOGARITHMIC STATISTICS

Samples 315
Class Int 0.700
Mean 0.028
Mean of logs -3.568
Log variance 4.8593
Log Std Dev 2.2044

SICHEL STATISTICS

Sichel's Mean 0.318
Sichel's U 4.844
Sichel's Gamma 11.268

Upper Population 40.94%
Mean 0.273 (Ln -1.300)
S Dev 1.739 (Ln 0.553)

Lower Population 59.06%
Mean 0.000 (Ln -6674.8)
S Dev 62.809 (Ln 4.140)

100.000 (Ln:61.692)

APPENDIX 3

Kazi Prospect Area MMI Geochemical Soil Sampling Program Sample Locations and Assay Results

Sample	AMG_N	AMG_E	Cu ppb	Pb ppb	Zn ppb	Cd ppb	Au ppb	Ag ppb	Ni ppb	Co ppb	Pd ppb
108238	8523504.75	752532.69	100	1200	380	2	8.67	14.34	130	44	0
108239	8523504.42	752537.69	80	1120	200	4	1.52	11.24	145	48	0
108240	8523504.08	752542.68	60	900	280	6	1.28	8.14	150	50	0
108241	8523503.75	752547.67	60	840	240	2	1.23	8.39	125	59	0
108242	8523503.41	752552.66	60	840	180	2	13.66	11.71	110	58	0
108243	8523503.08	752557.65	60	900	280	2	2.86	9.68	120	97	0
108244	8523502.74	752562.64	40	760	160	4	1.56	7.28	125	73	0.29
108245	8523502.41	752567.63	60	840	220	2	4.33	9.33	120	80	0
108246	8523502.07	752572.62	100	1040	120	0	5.23	8.48	115	82	0.28
108247	8523501.74	752577.61	160	1500	80	0	6.86	8.37	105	104	0
108248	8523501.4	752582.6	140	1100	2900	18	3.48	10.57	235	128	0
108249	8523501.07	752587.59	60	720	1880	10	2.75	7.45	140	91	0
108250	8523500.73	752592.58	60	860	660	6	2.54	6.75	115	84	0
108251	8523500.4	752597.57	100	1000	1960	10	2.25	8.16	170	116	0
108252	8523500.06	752602.57	280	820	7620	42	5.24	15.4	510	210	0
108253	8523499.73	752607.56	100	1280	560	2	2.74	4.94	105	63	0
108254	8523499.39	752612.55	40	700	200	6	1.47	5.62	100	120	0
108255	8523499.06	752617.54	80	1040	460	4	2.13	5.8	110	85	0
108256	8523498.72	752622.53	80	1020	1780	10	3.34	8.61	245	272	0
108257	8523498.39	752627.52	40	520	280	6	1.14	3.81	125	171	0
108258	8523498.05	752632.51	20	840	180	4	1.51	4.57	100	115	0
108259	8523497.72	752637.5	280	900	2060	12	2.41	15.7	195	108	0
108260	8523497.39	752642.49	260	660	3180	20	3.23	14.88	280	123	0
108261	8523497.05	752647.48	80	920	3080	14	2.63	7.52	130	53	0
108262	8523496.72	752652.47	100	1300	2380	8	2.08	5.99	120	72	0
108263	8523496.38	752657.46	60	560	900	8	1.84	5.7	150	78	0
108264	8523496.05	752662.45	60	520	660	10	3.25	6.95	140	72	0
108265	8523495.71	752667.44	140	480	2440	22	6.28	8.46	170	119	0
108266	8523495.38	752672.44	220	680	2180	36	6.16	9.01	135	224	0
108267	8523495.04	752677.43	60	860	640	6	6.78	9.8	95	58	0
108268	8523494.71	752682.42	40	560	380	6	3.39	5.88	105	74	0
108269	8523494.37	752687.41	100	640	680	10	9.15	10.58	135	62	0
108270	8523494.04	752692.4	60	400	460	6	7.15	7.85	145	76	0
108271	8523493.7	752697.39	40	180	300	4	1.05	3.59	140	73	0
108272	8523493.37	752702.38	80	240	940	10	10.7	6.12	165	86	0
108273	8523493.03	752707.37	40	500	220	4	1.81	5.03	100	50	0
108274	8523492.7	752712.36	40	200	260	4	1.47	3.76	130	72	0
108275	8523492.36	752717.35	60	360	440	6	1.92	4.71	145	68	0
108276	8523492.03	752722.34	40	300	280	6	1.54	4.36	135	56	0
108277	8523491.69	752727.33	60	680	200	8	2.08	5.96	110	53	0
108278	8523491.36	752732.32	60	660	220	6	2.18	5.78	130	79	0
108279	8523491.02	752737.31	60	660	220	10	1.29	4.75	130	70	0
108280	8523490.69	752742.31	80	760	160	8	1.84	5.73	105	72	0
108281	8523490.35	752747.3	80	1200	200	8	3.53	6.93	85	49	0.54
108282	8523490.02	752752.29	80	840	140	10	3.28	6.22	115	89	0
108283	8523489.68	752757.28	80	820	180	10	2.7	6.43	95	91	0
108284	8523489.35	752762.27	80	1320	100	8	3.95	6.68	95	73	0
108285	8523489.01	752767.26	60	1040	200	8	2.75	6.58	90	73	0
108286	8523488.68	752772.25	40	640	200	6	3.05	6.45	105	80	0
108287	8523488.34	752777.24	80	1320	100	4	3.68	6.66	80	62	0
108288	8523488.01	752782.23	80	1460	180	8	5.22	5.65	85	119	0
108289	8523487.67	752787.22	60	1140	200	6	4.01	6.69	80	126	0

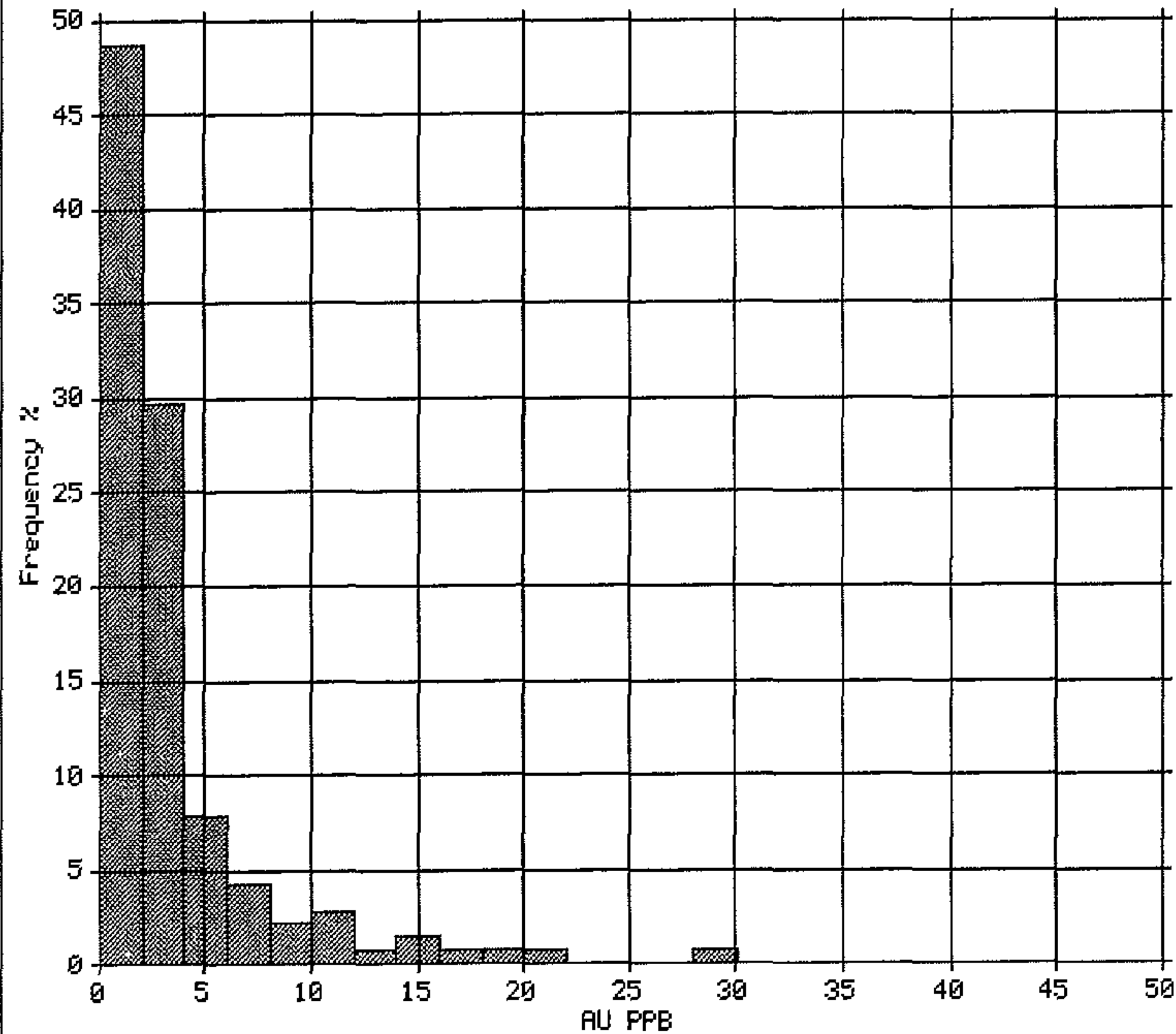
Sample	AMG_N	AMG_E	Cu ppb	Pb ppb	Zn ppb	Cd ppb	Au ppb	Ag ppb	Ni ppb	Co ppb	Pd ppb
108290	8523487.34	752792.21	80	1660	140	4	5.14	7.81	60	85	0
108291	8523487	752797.2	60	1280	100	4	3.55	5.69	60	71	0
108292	8523486.67	752802.19	60	740	60	4	3.03	5.43	65	60	0
108293	8523486.33	752807.18	60	320	120	8	1.77	4.39	90	90	0
108294	8523486	752812.18	60	520	60	4	2.75	6.43	75	56	0
108295	8523485.66	752817.17	60	660	120	6	1.67	4.9	75	106	0
108296	8523485.33	752822.16	60	1460	60	0	2.41	4.52	45	54	0
108297	8523484.99	752827.15	40	320	140	8	0.75	3.51	85	106	0
108298	8523484.66	752832.14	60	620	80	8	1.53	6.84	70	52	0
108299	8523484.32	752837.13	60	440	220	10	0.92	7.4	105	56	0
108300	8523483.99	752842.12	100	1280	100	12	1.14	14.39	115	57	0
108301	8523483.65	752847.11	100	1240	160	14	0.87	9.62	125	96	0
108302	8523483.32	752852.1	140	2200	80	8	0.75	17.66	80	43	0
108303	8523482.98	752857.09	140	2860	120	14	0.5	14.44	90	56	0
108304	8523482.65	752862.08	100	2720	140	24	0.95	14.18	140	112	0
108305	8523482.31	752867.07	80	2220	240	28	0.45	10.82	130	56	0
108306	8523481.98	752872.06	80	2320	160	30	0.46	10.97	140	60	0
108307	8523481.64	752877.05	40	720	200	22	0.01	9.02	160	41	0
108308	8523481.31	752882.05	100	2240	220	22	0.57	14.87	95	83	0
108309	8523444.86	752528.68	160	260	380	24	0.65	7.99	225	84	0
108310	8523444.53	752533.67	60	820	200	6	1.18	7.46	70	64	0
108311	8523444.2	752538.66	100	860	200	12	0.51	7.37	90	63	0
108312	8523443.86	752543.65	40	400	680	8	0.84	5.32	90	82	0
108313	8523443.53	752548.64	40	340	120	6	0.26	4.92	85	51	0
108314	8523443.19	752553.63	40	420	180	4	0.63	3.63	100	62	0
108315	8523442.86	752558.62	40	360	220	10	0.01	3.06	85	42	0
108316	8523442.52	752563.61	80	560	4420	38	1	8.55	225	83	0
108317	8523442.19	752568.6	60	580	1360	16	0.57	5.44	120	69	0
108318	8523441.85	752573.59	80	1340	700	8	0.87	4.99	65	52	0
108319	8523441.52	752578.58	40	580	720	8	0.01	5.46	80	104	0
108320	8523441.18	752583.57	60	1000	1000	8	1.09	6.11	95	57	0
108321	8523440.85	752588.56	40	1820	140	4	0.7	4.66	55	53	0
108322	8523440.51	752593.56	60	1680	140	2	0.6	6.24	30	41	0
108323	8523440.18	752598.55	120	1440	2460	18	1.34	10.55	55	40	0
108324	8523439.84	752603.54	100	980	400	4	0.84	7.47	65	69	0
108325	8523439.51	752608.53	120	840	3160	18	2.24	14	185	55	0
108326	8523439.17	752613.52	60	560	760	8	1.41	10.15	85	81	0
108327	8523438.84	752618.51	60	520	1900	20	2.6	9.88	155	106	0
108328	8523438.5	752623.5	40	700	1580	14	1.47	10.38	110	86	0
108329	8523438.17	752628.49	360	1620	8860	38	3.41	16.17	260	436	0
108330	8523437.83	752633.48	60	780	1100	10	1.5	9.68	100	161	0
108331	8523437.5	752638.47	80	1080	2020	22	2.16	10.04	115	214	0
108332	8523437.16	752643.46	100	1260	520	10	3.48	11.47	65	46	0
108333	8523436.83	752648.45	200	1800	12400	66	20.12	26.2	305	238	0
108334	8523436.49	752653.44	100	700	2800	18	5.23	19.06	135	105	0
108335	8523436.16	752658.43	140	840	1420	20	8.65	16.86	160	113	0
108336	8523435.82	752663.43	160	1020	1640	16	14.7	18.82	110	66	0
108337	8523435.49	752668.42	60	620	300	8	11.21	20.04	70	61	0
108338	8523435.15	752673.41	140	580	1980	28	14.26	18.03	170	85	0
108339	8523434.82	752678.4	80	300	1260	58	18.37	16.62	325	184	0
108340	8523434.48	752683.39	360	200	2900	70	29.47	31.54	345	158	0
108341	8523434.15	752688.38	120	400	840	16	17.23	33.26	130	100	0

Sample	AMG_N	AMG_E	Cu ppb	Pb ppb	Zn ppb	Cd ppb	Au ppb	Ag ppb	Ni ppb	Co ppb	Pd ppb
108342	8523433.81	752693.37	80	300	1380	28	11.89	16.03	245	147	0
108343	8523433.48	752698.36	300	620	1120	18	11.49	86.75	230	208	0
108344	8523433.14	752703.35	100	660	260	10	6.86	9.77	95	79	0
108345	8523432.81	752708.34	100	700	120	12	4.73	8.68	100	76	0
108346	8523432.47	752713.33	100	760	280	10	4.97	8.51	100	69	0
108347	8523432.14	752718.32	40	240	560	14	1.99	5.67	120	92	0
108348	8523431.8	752723.31	60	480	340	16	3.75	5.75	85	82	0
108349	8523431.47	752728.3	60	520	180	12	1.82	6.1	100	94	0
108350	8523431.13	752733.3	60	640	140	12	2.89	4.13	100	71	0
108351	8523430.8	752738.29	80	600	160	10	2.81	7.3	105	85	0
108352	8523430.46	752743.28	120	320	580	32	4.28	7.22	185	124	0
108353	8523430.13	752748.27	100	1480	6060	58	2.41	12.67	165	81	0
108354	8523429.79	752753.26	60	620	160	14	1.77	7.53	110	65	0
108355	8523429.46	752758.25	80	980	80	8	2.97	6.76	70	49	0
108356	8523429.12	752763.24	80	1160	100	8	2.57	8.32	65	48	0
108357	8523428.79	752768.23	60	1100	160	6	1.77	5.7	90	72	0
108358	8523428.45	752773.22	80	1460	140	4	2.65	7.23	50	56	0
108359	8523428.12	752778.21	60	660	100	6	2.41	10.74	65	45	0
108360	8523427.78	752783.2	60	920	100	6	2.37	6.07	60	68	0
108361	8523427.45	752788.19	60	1140	100	8	1.98	8.84	60	51	0
108362	8523427.11	752793.18	60	680	100	8	5.05	5.63	80	72	0
108363	8523426.78	752798.17	80	740	80	6	2.27	7.28	70	52	0
108364	8523426.44	752803.17	80	860	100	6	1.68	4.97	60	41	0
108365	8523426.11	752808.16	40	640	80	0	1.45	4.72	70	37	0
108366	8523425.77	752813.15	40	1020	100	0	1.78	6.51	55	63	0
108367	8523425.44	752818.14	40	840	80	0	1.12	6.09	65	40	0
108368	8523425.1	752823.13	80	1060	80	0	1.18	7.03	65	60	0
108369	8523424.77	752828.12	60	700	120	4	0.59	6.53	75	51	0
108370	8523424.43	752833.11	60	1620	120	2	0.76	10.77	80	55	0
108371	8523424.1	752838.1	100	2560	60	0	1.58	15.39	60	48	0
108372	8523423.76	752843.09	40	1180	180	6	0.31	7.05	50	30	0
108373	8523423.43	752848.08	60	1020	260	4	0.01	9.84	60	36	0
108374	8523423.09	752853.07	60	1980	100	4	0.44	8.49	50	28	0
108375	8523422.76	752858.06	40	760	300	6	0.01	7.27	70	23	0
108376	8523422.42	752863.05	40	1120	240	6	0.26	9.34	65	25	0
108377	8523422.09	752868.04	40	1180	100	4	0.01	6.34	70	15	0
108378	8523421.75	752873.04	60	1580	100	4	0.29	8.47	60	76	0
108379	8523421.42	752878.03	40	2320	60	2	0.01	7.18	45	70	0
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0

APPENDIX 4

Kazi Prospect Area Summary Statistics Histograms and Log Probability Plots for the MMI Geochemical Soil Sampling Program Results

Histogram



DATA
File KAZMMI96
Variable AU PPB

NORMAL STATISTICS

Samples 142
Minimum 0.010
Maximum 29.470
Class Int 2.000
Median 2.130
Mean 3.403
Variance 18.3843
Std Dev 4.2877

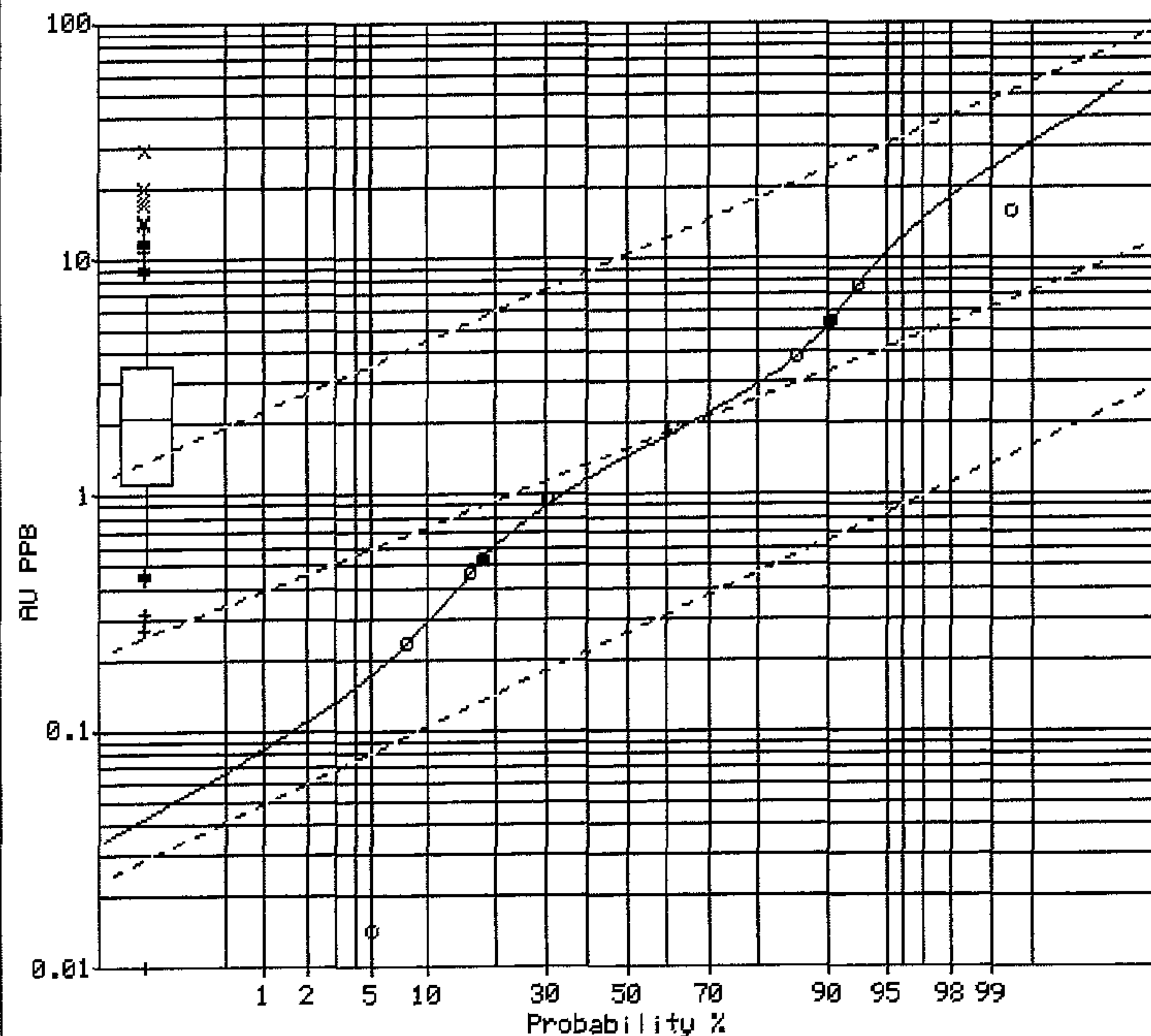
LOGARITHMIC STATISTICS

Samples 142
Class Int 0.700
Mean 1.714
Mean of logs 0.539
Log variance 2.2426
Log Std Dev 1.4975

SICHEL STATISTICS

Sichel's Mean 4.650
Sichel's U 2.227
Sichel's Gamma 2.714

Log Probability Plot



DATA
File KAZMMI96
Variable AU PPB

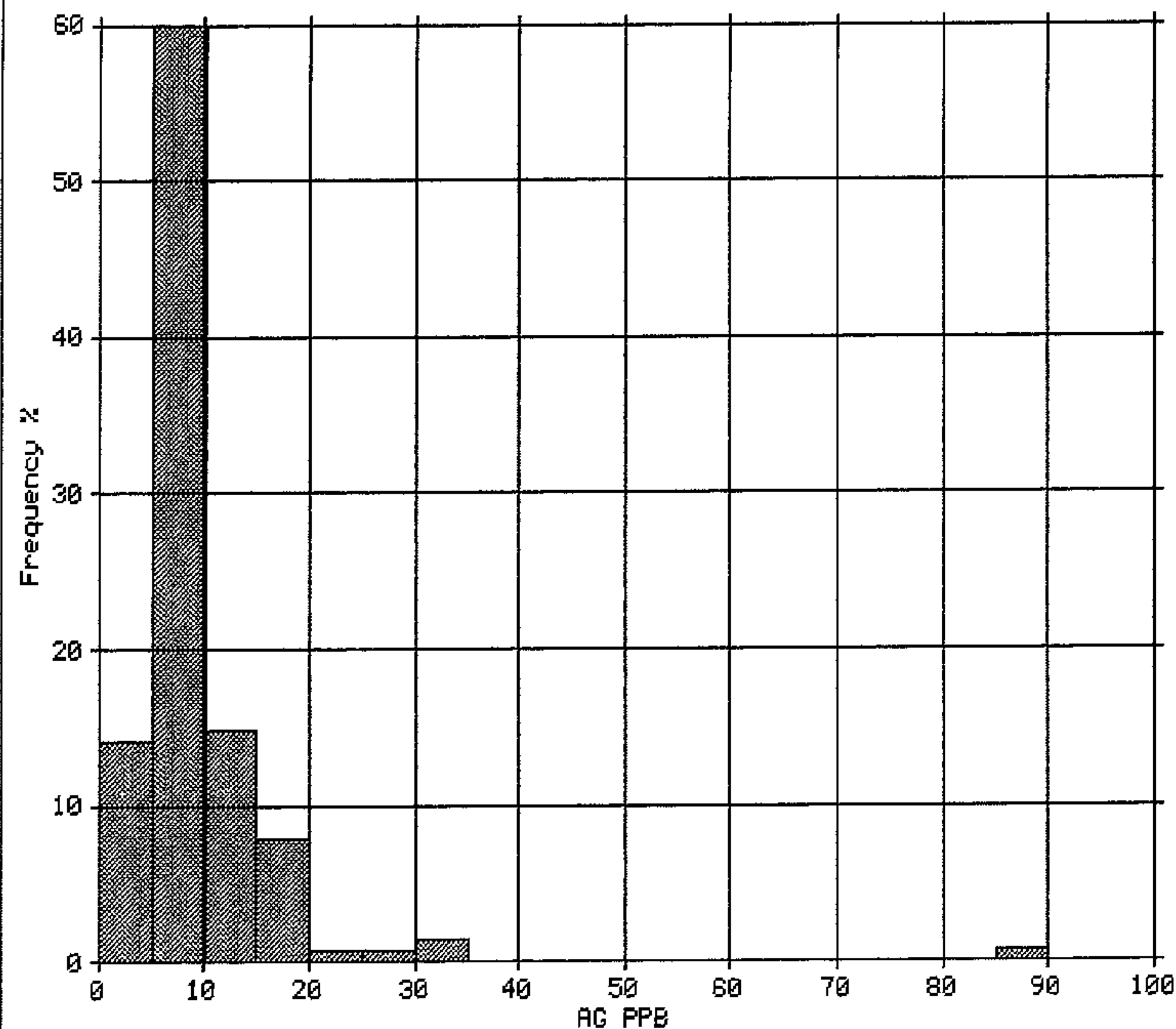
NORMAL STATISTICS
Samples 142
Minimum 0.010
Maximum 29.470
Class Int 2.000
Median 2.130
Mean 3.403
Variance 18.3843
Std Dev 4.2877

LOGARITHMIC STATISTICS
Samples 142
Class Int 0.700
Mean 1.714
Mean of logs 0.539
Log variance 2.2426
Log Std Dev 1.4975

SICHEL STATISTICS
Sichel's Mean 4.650
Sichel's U 2.227
Sichel's Gamma 2.714

Mean	StdDev	InfPt %
0.26	2.037	17.59
1.54	1.812	90.12
10.32	1.911	

Histogram



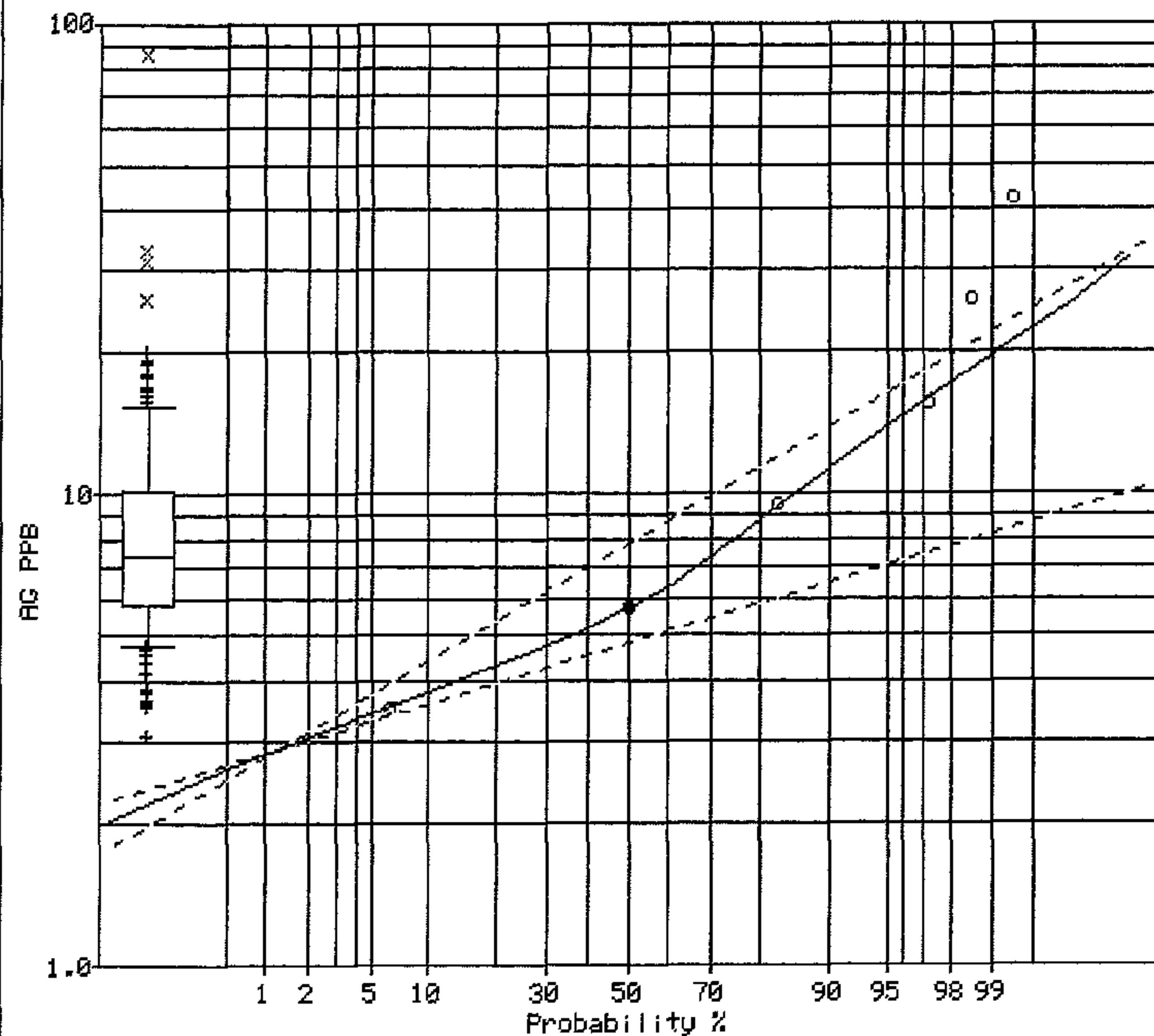
DATA
File KAZMMI96
Variable AG PPB

NORMAL STATISTICS
Samples 142
Minimum 3.060
Maximum 86.750
Class Int 5.000
Median 7.400
Mean 9.423
Variance 66.3519
Std Dev 8.1457

LOGARITHMIC STATISTICS
Samples 142
Class Int 0.100
Mean 8.082
Mean of logs 2.090
Log variance 0.2397
Log Std Dev 0.4896

SICHEL STATISTICS
Sichel's Mean 9.074
Sichel's U 0.238
Sichel's Gamma 1.123

Log Probability Plot



DATA
File KAZMMI96
Variable AG PPB

NORMAL STATISTICS

Samples 142
Minimum 3.060
Maximum 86.750
Class Int 5.000
Median 7.400
Mean 9.423
Variance 66.3519
Std Dev 8.1457

LOGARITHMIC STATISTICS

Samples 142
Class Int 0.500
Mean 8.082
Mean of logs 2.090
Log variance 0.2397
Log Std Dev 0.4896

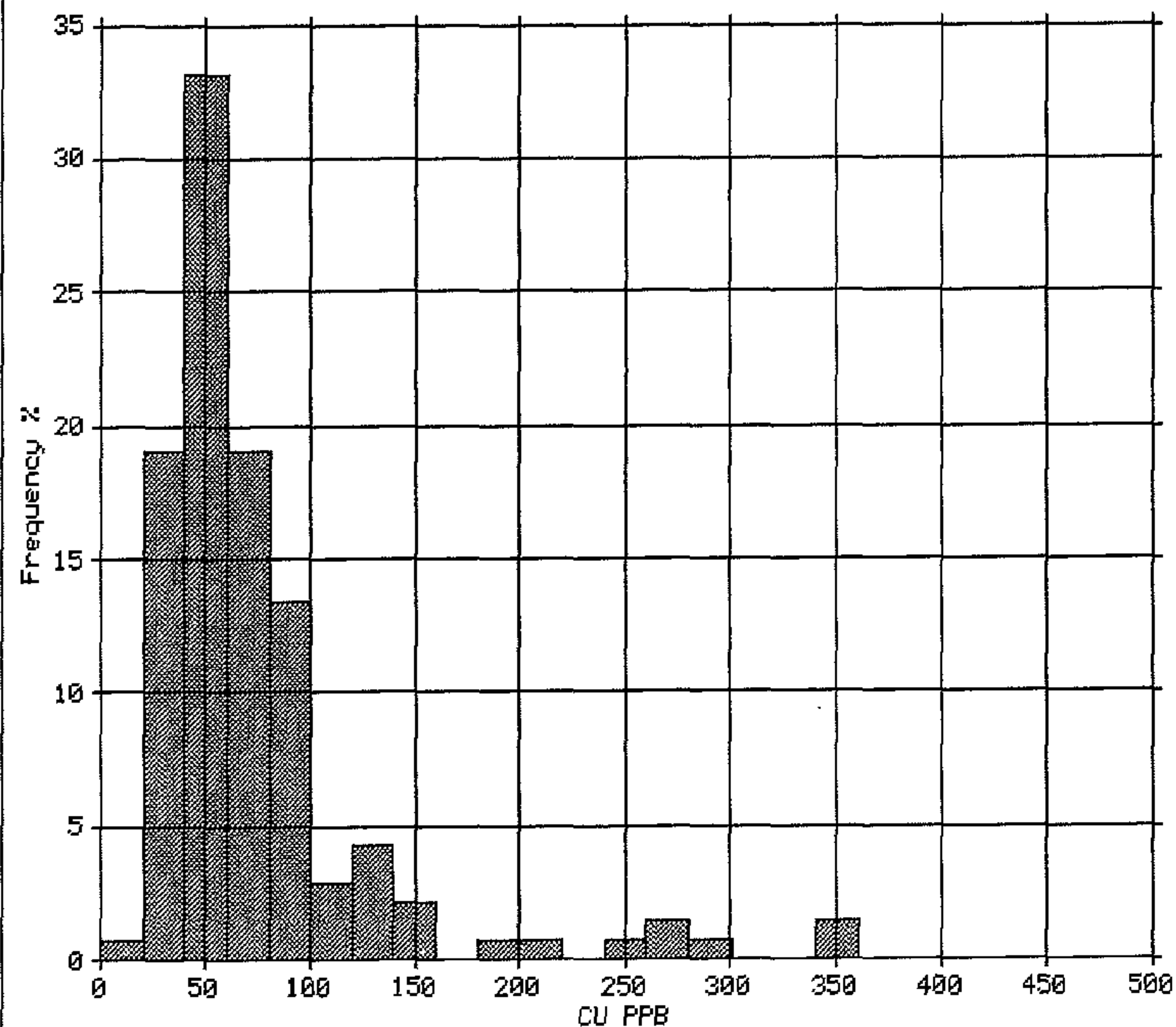
SICHEL STATISTICS

Sichel's Mean 9.074
Sichel's U 0.238
Sichel's Gamma 1.123

Upper Population 49.63%
Mean 7.818 (Ln 2.056)
S Dev 1.562 (Ln 0.446)

Lower Population 50.37%
Mean 4.823 (Ln 1.573)
S Dev 1.257 (Ln 0.229)

Histogram



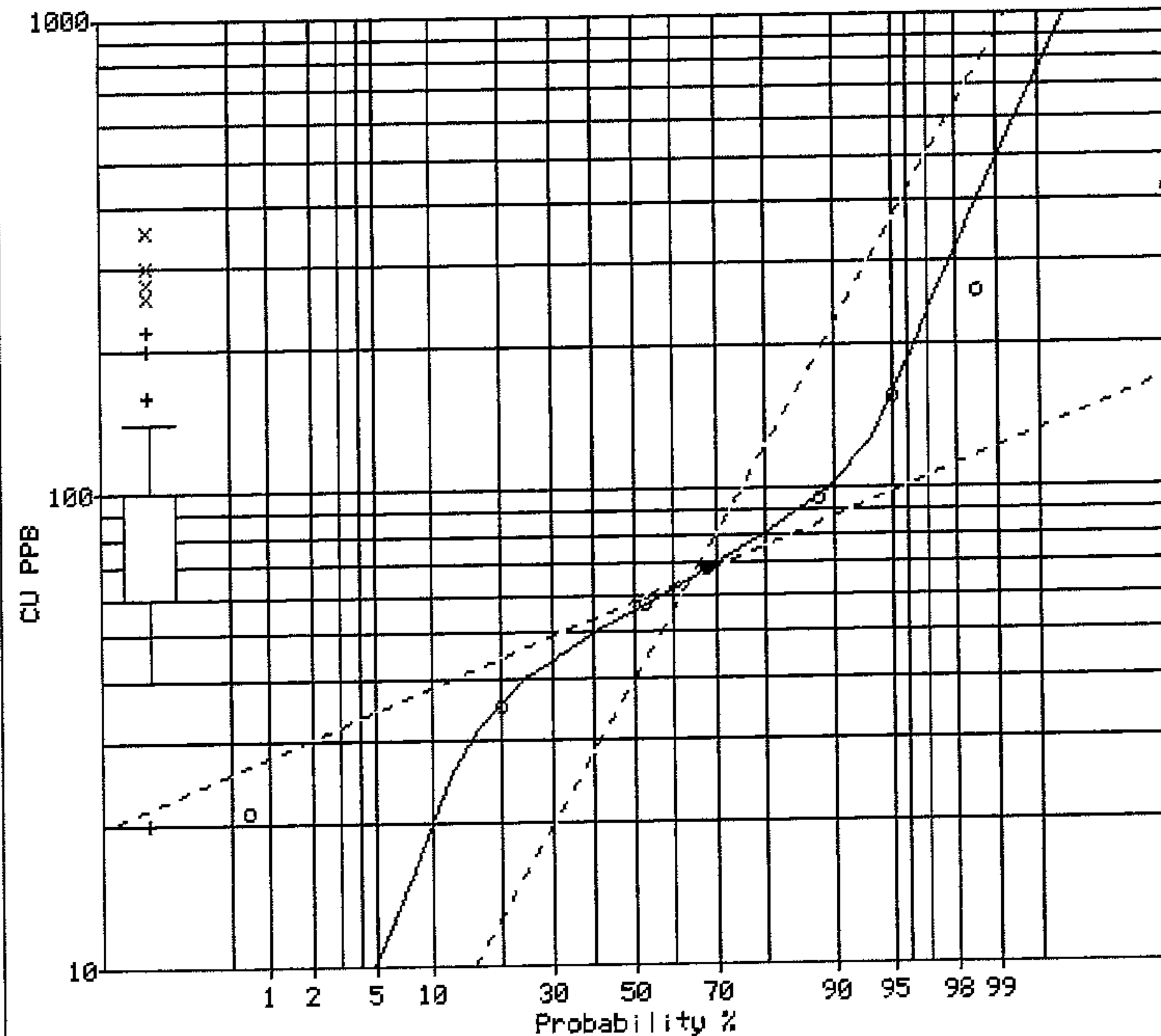
DATA
File KAZMMI96
Variable CU PPB

NORMAL STATISTICS
Samples 142
Minimum 20.000
Maximum 360.000
Class Int 20.000
Median 60.000
Mean 84.789
Variance 3324.4231
Std Dev 57.6578

LOGARITHMIC STATISTICS
Samples 142
Class Int 0.100
Mean 73.320
Mean of logs 4.295
Log variance 0.2503
Log Std Dev 0.5003

SICHEL STATISTICS
Sichel's Mean 82.787
Sichel's U 0.249
Sichel's Gamma 1.129

Log Probability Plot



DATA
File KAZMMI96
Variable CU PPB

NORMAL STATISTICS
Samples 142
Minimum 20.000
Maximum 360.000
Class Int 20.000
Median 60.000
Mean 84.789
Variance 3324.4231
Std Dev 57.6578

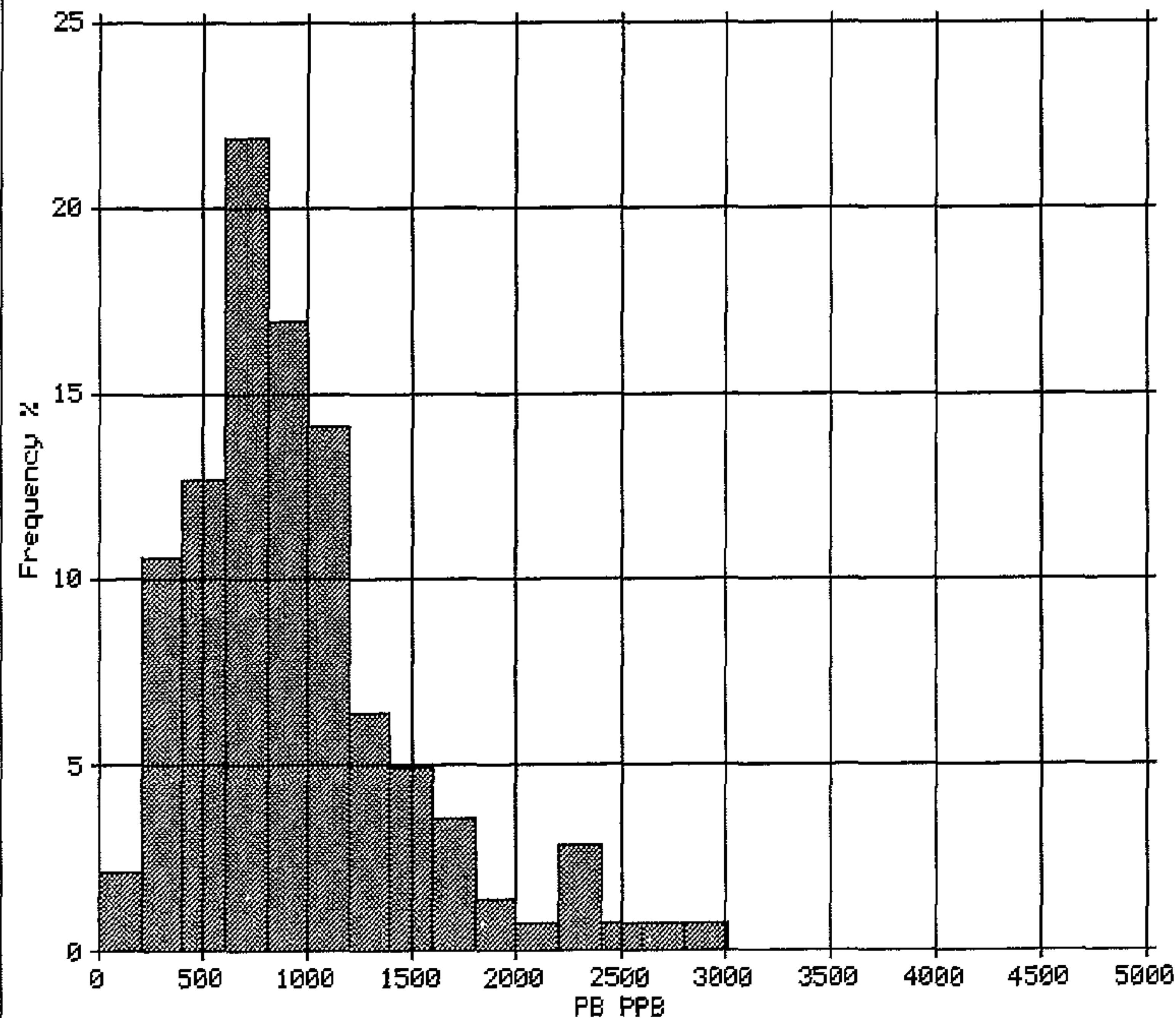
LOGARITHMIC STATISTICS
Samples 142
Class Int 0.500
Mean 73.320
Mean of logs 4.295
Log variance 0.2503
Log Std Dev 0.5003

SICHEL STATISTICS
Sichel's Mean 82.787
Sichel's U 0.249
Sichel's Gamma 1.129

Upper Population 31.95%
Mean 39.519 (Ln 3.677)
S Dev 3.830 (Ln 1.345)

Lower Population 68.05%
Mean 58.004 (Ln 4.061)
S Dev 1.376 (Ln 0.319)

Histogram



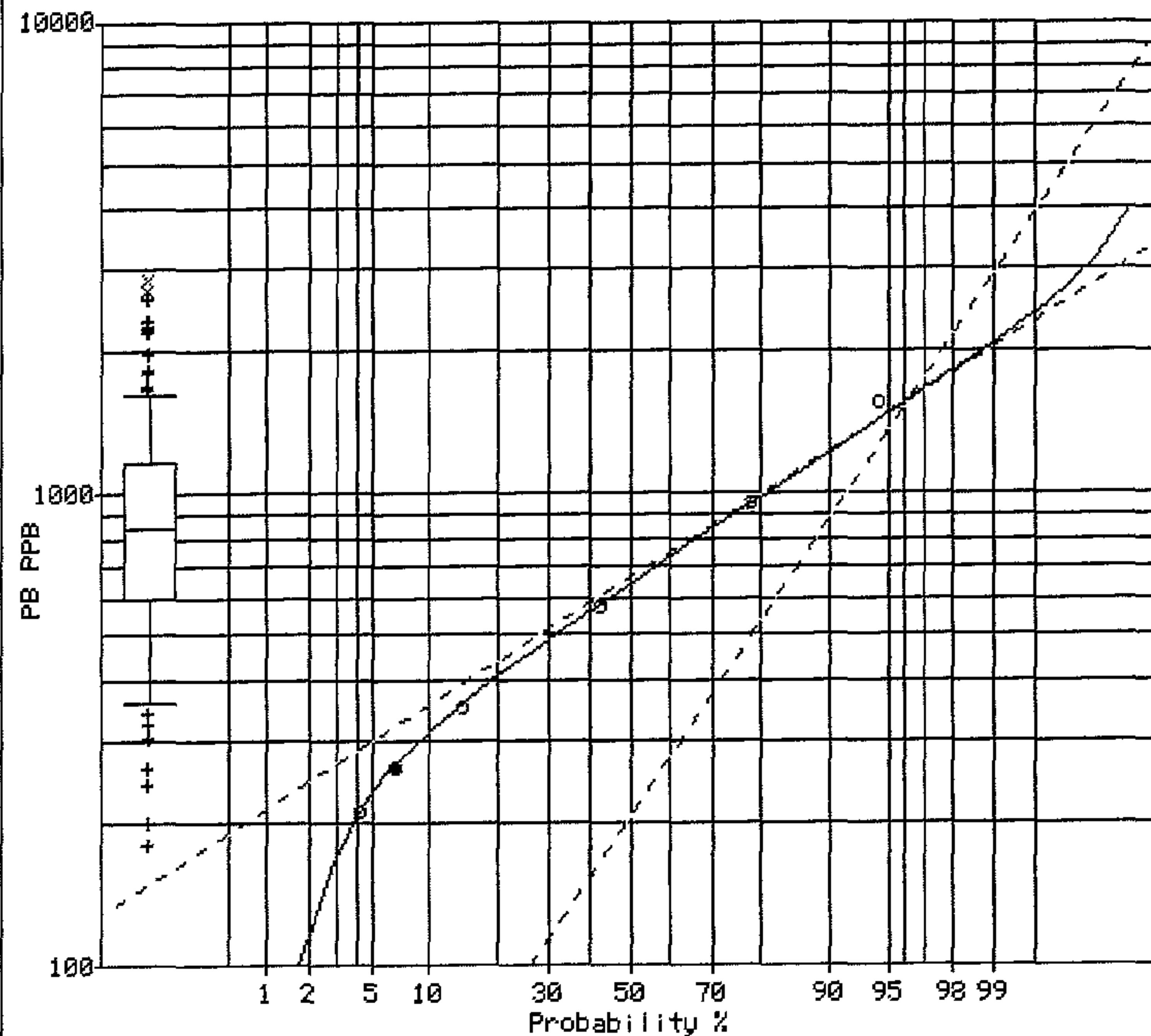
DATA
File KAZMMI98
Variable PB PPB

NORMAL STATISTICS
Samples 142
Minimum 180.000
Maximum 2880.000
Class Int 200.000
Median 840.000
Mean 936.197
Variance 278723.0247
Std Dev 527.9423

LOGARITHMIC STATISTICS
Samples 142
Class Int 0.100
Mean 805.929
Mean of logs 6.692
Log variance 0.3157
Log Std Dev 0.5619

SICHEL STATISTICS
Sichel's Mean 941.396
Sichel's U 0.313
Sichel's Gamma 1.168

Log Probability Plot



DATA
File KAZMMI96
Variable PB PPB

NORMAL STATISTICS
Samples 142
Minimum 180.000
Maximum 2860.000
Class Int 200.000
Median 840.000
Mean 936.197
Variance 278723.0247
Std Dev 527.9423

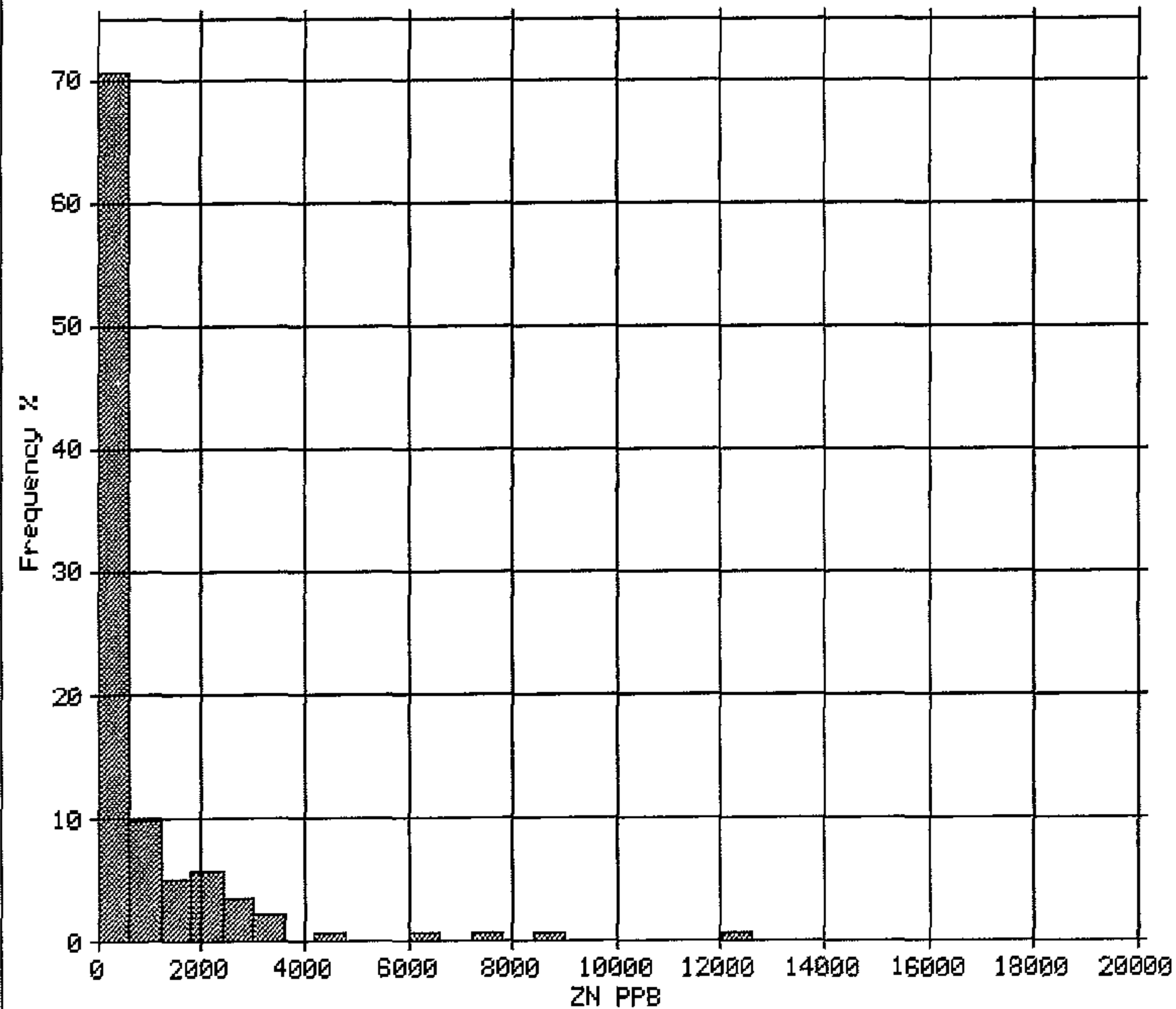
LOGARITHMIC STATISTICS
Samples 142
Class Int 0.500
Mean 805.929
Mean of logs 6.692
Log variance 0.3157
Log Std Dev 0.5619

SICHEL STATISTICS
Sichel's Mean 941.396
Sichel's U 0.313
Sichel's Gamma 1.168

Upper Population 93.48%
Mean 661.885 (Ln 6.495)
S Dev 1.620 (Ln 0.482)

Lower Population 6.52%
Mean 205.894 (Ln 5.327)
S Dev 3.125 (Ln 1.140)

Histogram



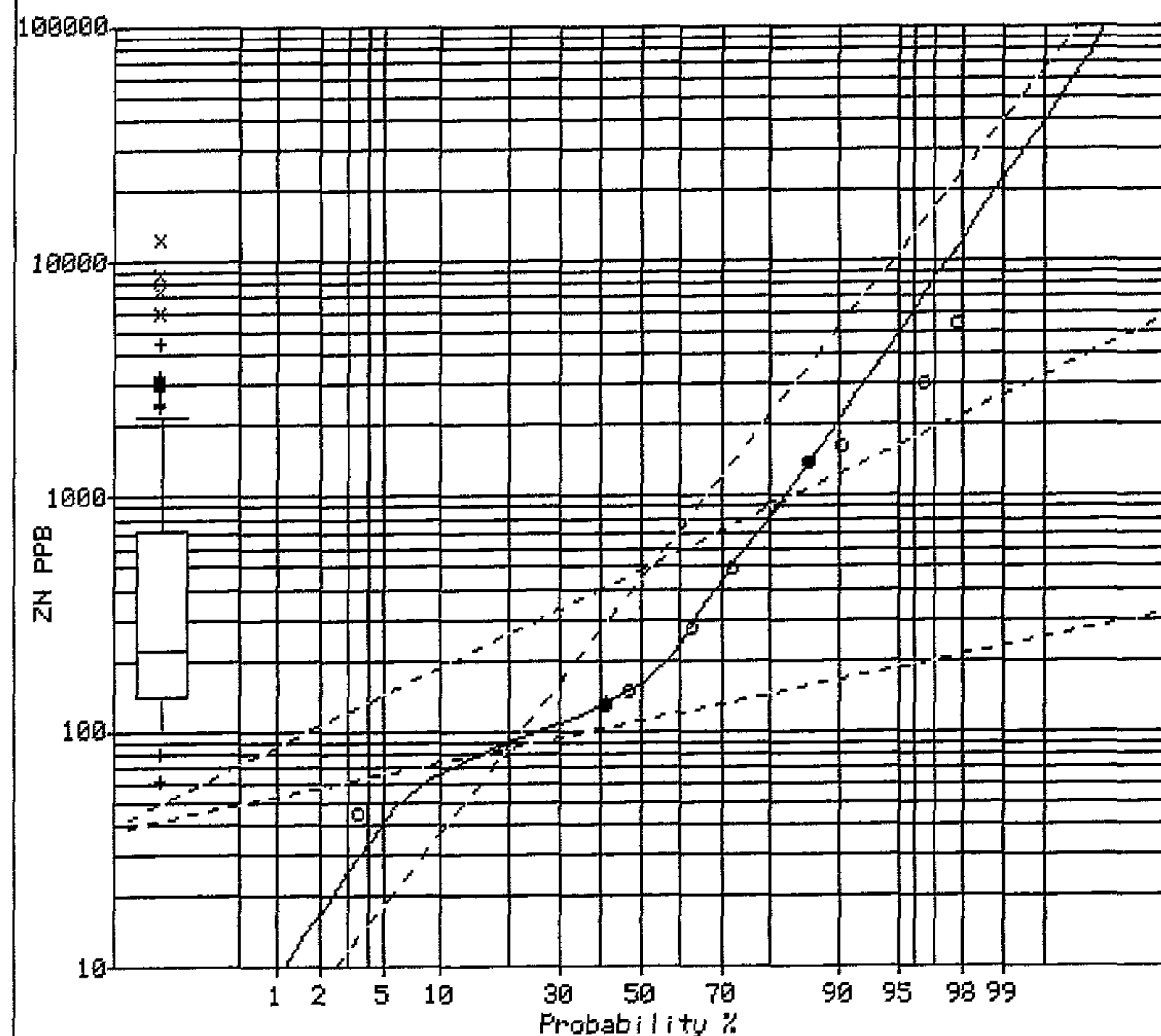
DATA
File KAZMMI96
Variable ZN PPB

NORMAL STATISTICS
Samples 142
Minimum 60.000
Maximum 12400.000
Class Int 600.000
Median 220.000
Mean 845.493
Variance 2663558.2659
Std Dev 1632.0411

LOGARITHMIC STATISTICS
Samples 142
Class Int 0.100
Mean 335.808
Mean of logs 5.817
Log variance 1.5376
Log Std Dev 1.2400

SICHEL STATISTICS
Sichel's Mean 717.739
Sichel's U 1.527
Sichel's Gamma 2.137

Log Probability Plot



DATA
File KAZMMI96
Variable ZN PPB

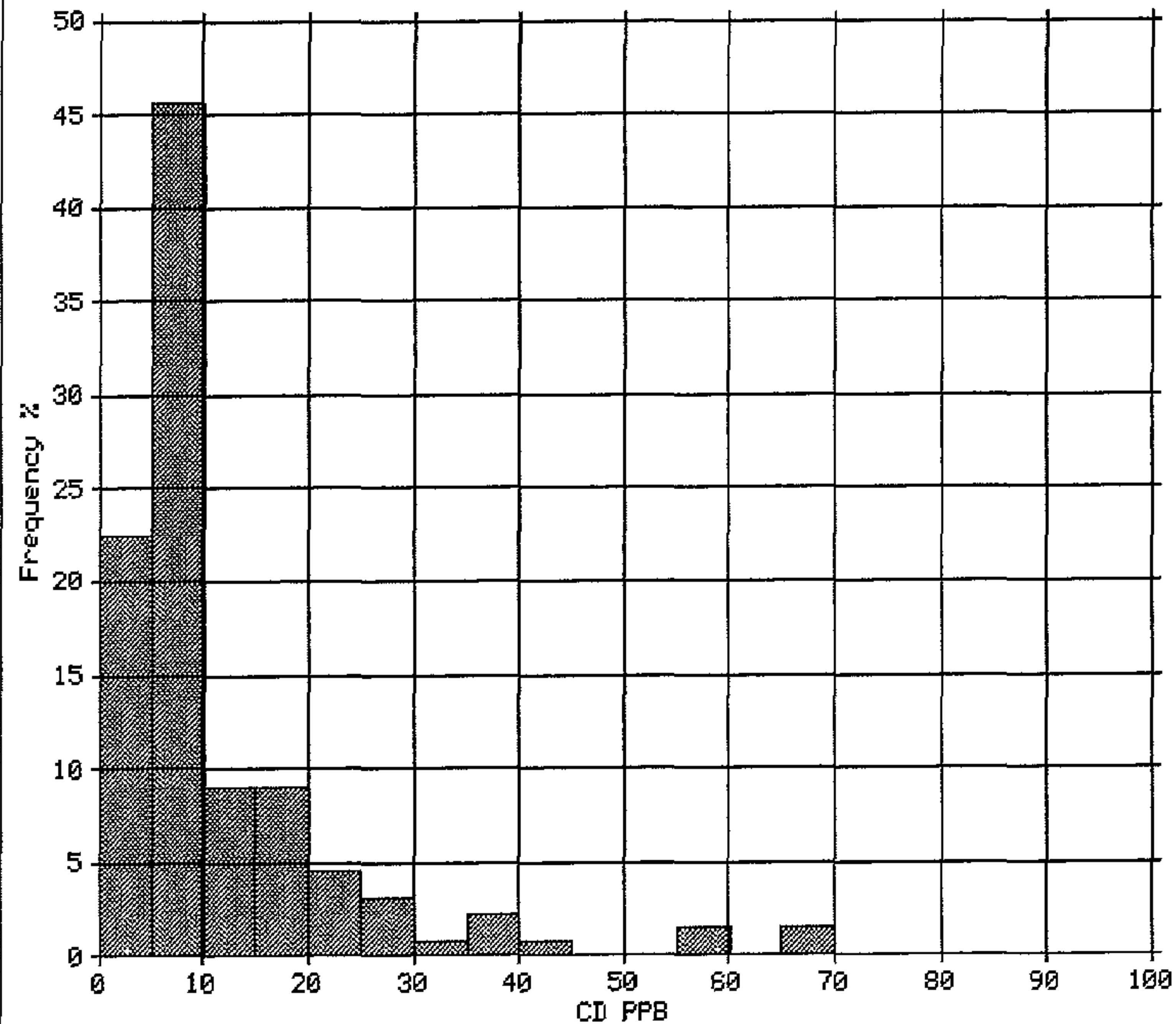
NORMAL STATISTICS
Samples 142
Minimum 60.000
Maximum 12400.000
Class Int 500.000
Median 220.000
Mean 845.493
Variance 2663558.2659
Std Dev 1632.0411

LOGARITHMIC STATISTICS
Samples 142
Class Int 0.600
Mean 335.808
Mean of logs 5.817
Log variance 1.5376
Log Std Dev 1.2400

SICHEL STATISTICS
Sichel's Mean 717.739
Sichel's U 1.527
Sichel's Gamma 2.137

Mean	StdDev	InfPt %
109.47	1.367	40.87
444.33	6.906	86.18
480.08	2.093	

Histogram



DATA
File KAZMMI96
Variable CD PPB

NORMAL STATISTICS

Samples 134
Minimum 2.000
Maximum 70.000
Class Int 5.000
Median 8.000
Mean 12.194
Variance 146.3380
Std Dev 12.0970

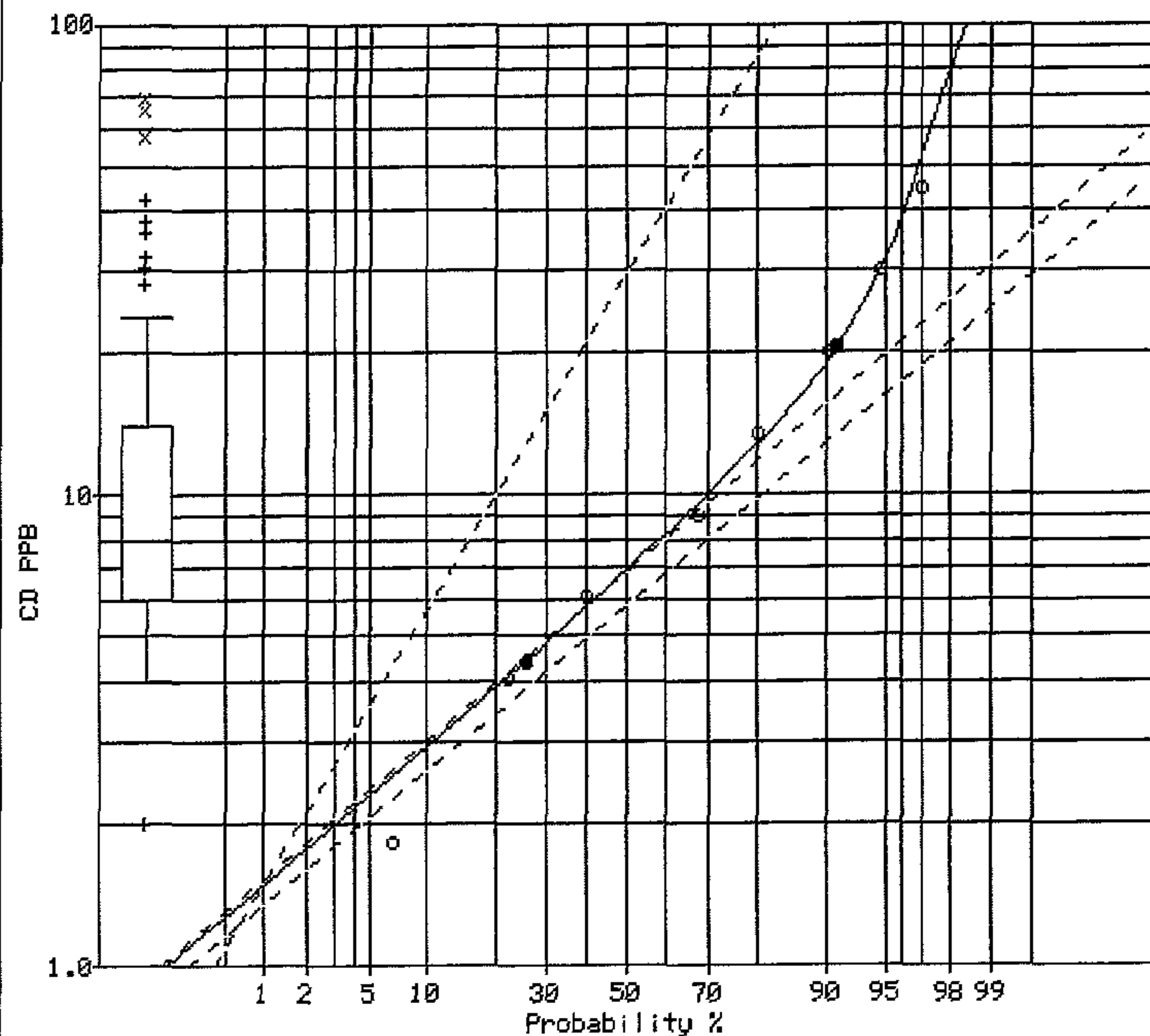
LOGARITHMIC STATISTICS

Samples 134
Class Int 0.100
Mean 8.783
Mean of logs 2.173
Log variance 0.6110
Log Std Dev 0.7817

SICHEL STATISTICS

Sichel's Mean 11.857
Sichel's U 0.606
Sichel's Gamma 1.350

Log Probability Plot



DATA
File KAZMMI96
Variable CD PPB

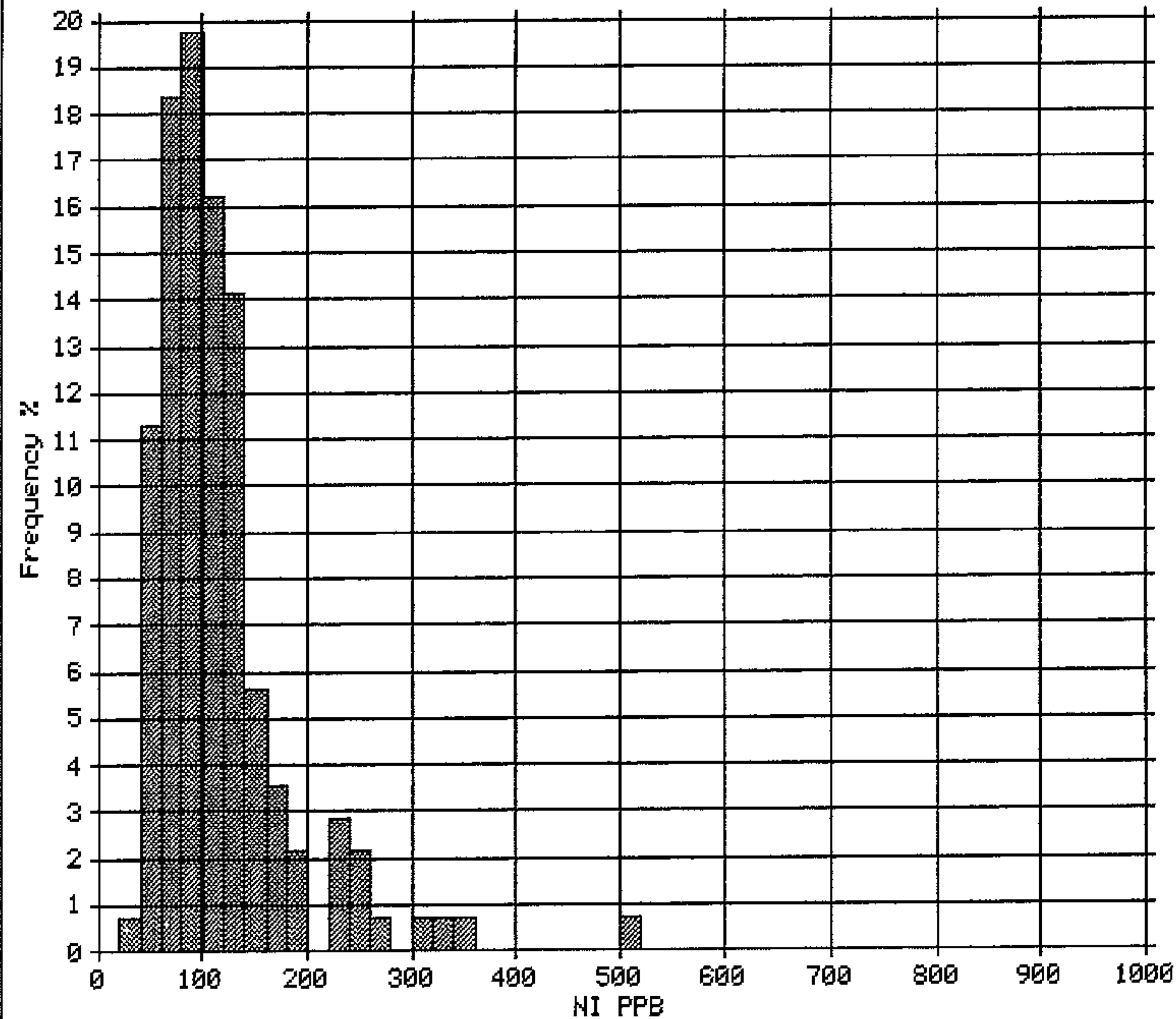
NORMAL STATISTICS
Samples 134
Minimum 2.000
Maximum 70.000
Class Int 5.000
Median 8.000
Mean 12.194
Variance 146.3380
Std Dev 12.0970

LOGARITHMIC STATISTICS
Samples 134
Class Int 0.400
Mean 8.783
Mean of logs 2.173
Log variance 0.6110
Log Std Dev 0.7817

SICHEL STATISTICS
Sichel's Mean 11.857
Sichel's U 0.806
Sichel's Gamma 1.350

Mean	StdDev	InfPt %
5.79	1.867	25.75
6.83	1.903	91.12
29.53	3.588	

Histogram



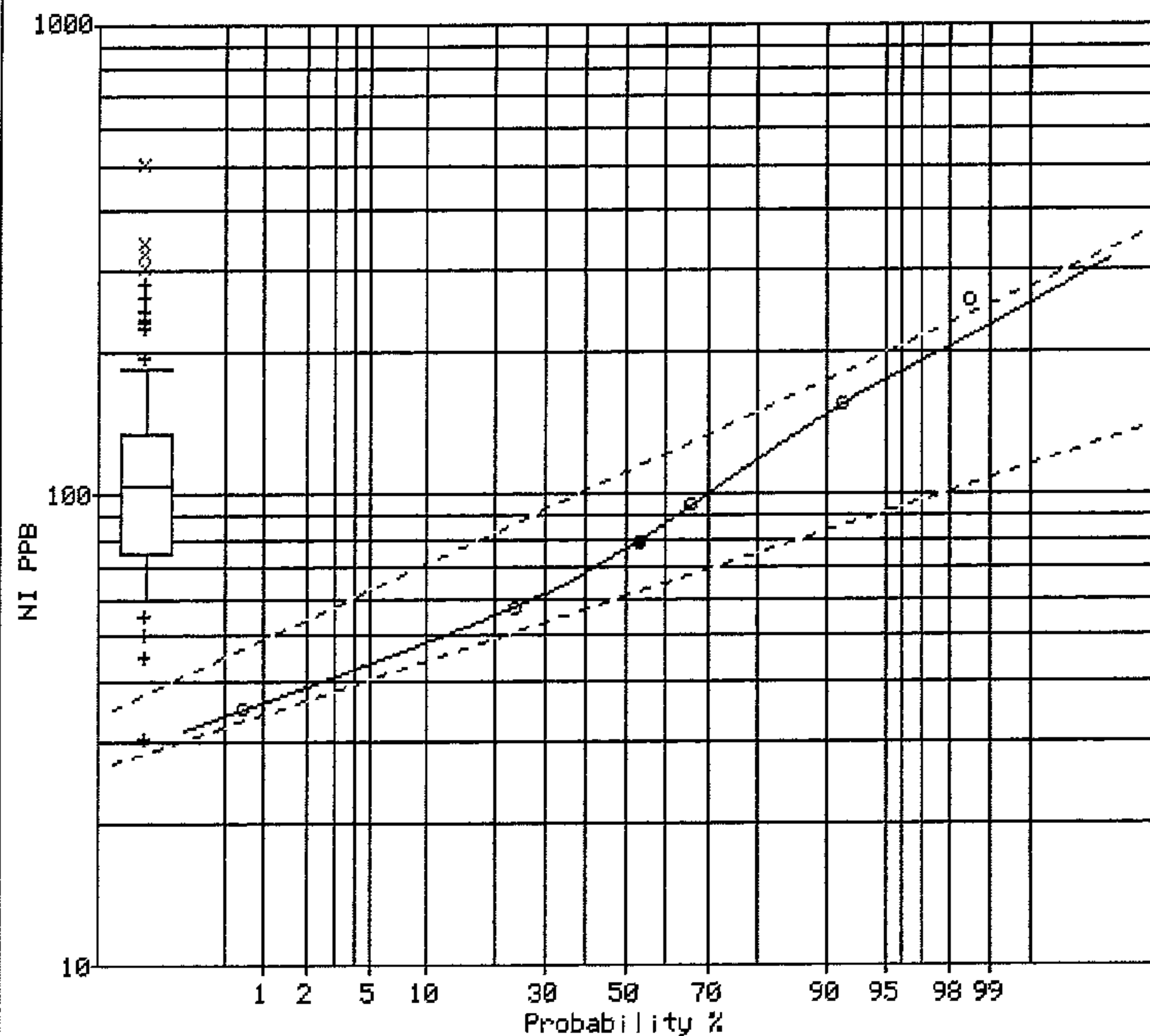
DATA
File KAZMMI96
Variable NI PPB

NORMAL STATISTICS
Samples 142
Minimum 30.000
Maximum 510.000
Class Int 20.000
Median 105.000
Mean 117.148
Variance 4263.2617
Std Dev 65.2937

LOGARITHMIC STATISTICS
Samples 142
Class Int 0.100
Mean 104.617
Mean of logs 4.650
Log variance 0.2095
Log Std Dev 0.4578

SICHEL STATISTICS
Sichel's Mean 115.585
Sichel's U 0.208
Sichel's Gamma 1.105

Log Probability Plot



DATA
File KAZMMI96
Variable NI PPB

NORMAL STATISTICS
Samples 142
Minimum 30.000
Maximum 510.000
Class Int 20.000
Median 105.000
Mean 117.148
Variance 4263.2617
Std Dev 65.2937

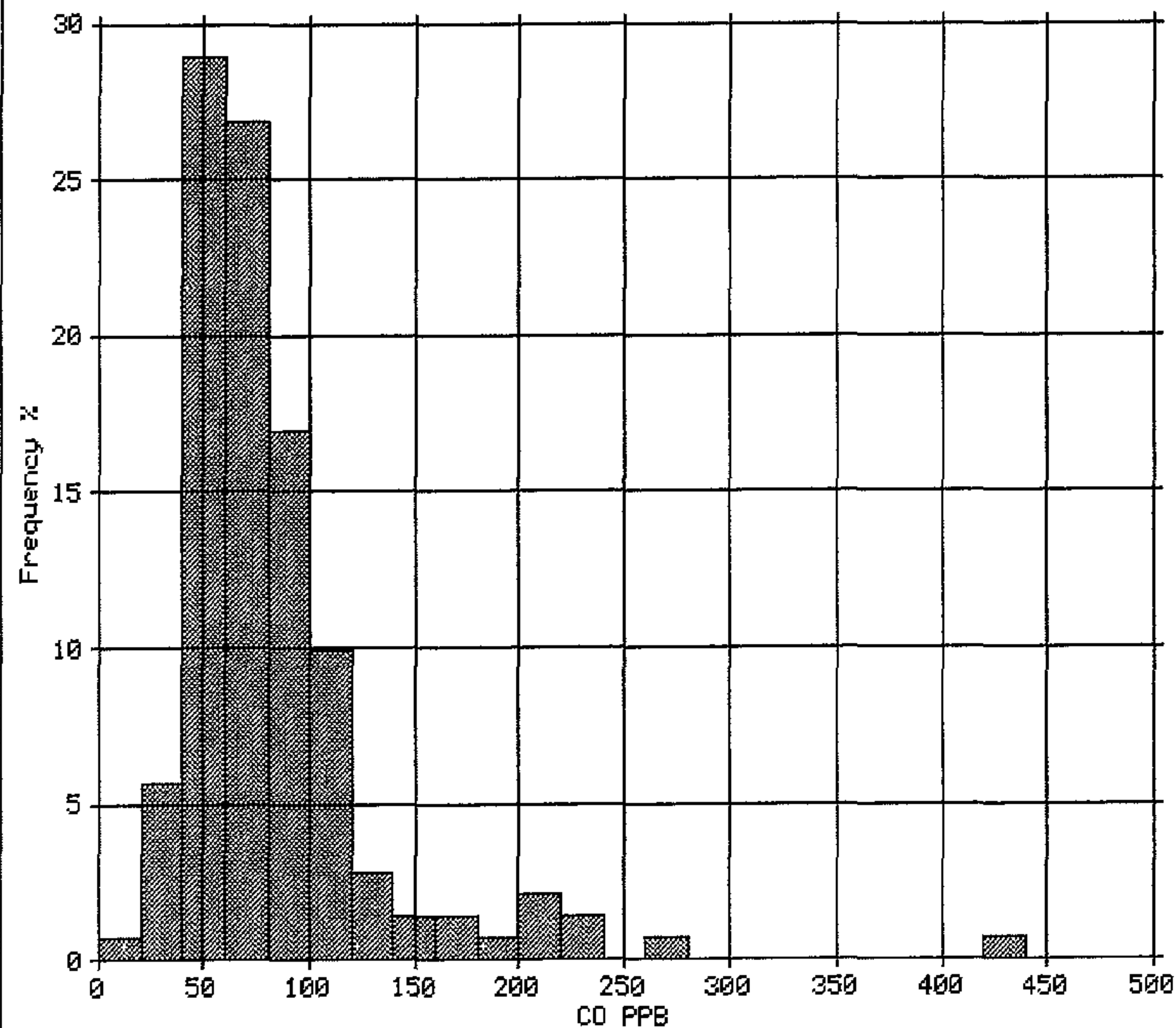
LOGARITHMIC STATISTICS
Samples 142
Class Int 0.500
Mean 104.617
Mean of logs 4.650
Log variance 0.2095
Log Std Dev 0.4578

SICHEL STATISTICS
Sichel's Mean 115.585
Sichel's U 0.208
Sichel's Gamma 1.105

Upper Population 46.45%
Mean 111.624 (Ln 4.715)
S Dev 1.420 (Ln 0.351)

Lower Population 53.55%
Mean 60.595 (Ln 4.104)
S Dev 1.282 (Ln 0.248)

Histogram



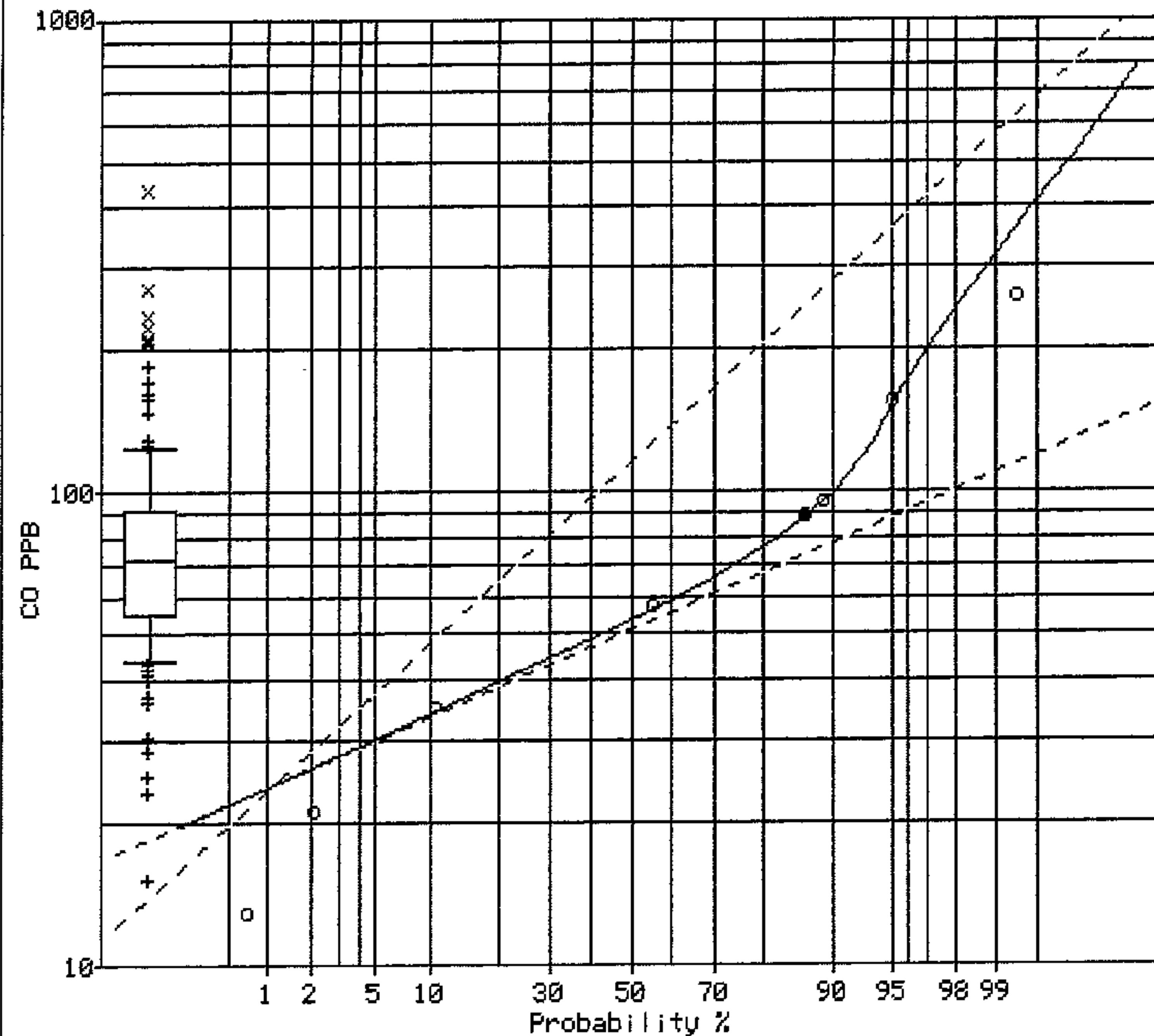
DATA
File KAZMMI96
Variable CO PPB

NORMAL STATISTICS
Samples 142
Minimum 15.000
Maximum 436.000
Class Int 20.000
Median 72.000
Mean 83.415
Variance 2697.4077
Std Dev 51.9366

LOGARITHMIC STATISTICS
Samples 142
Class Int 0.100
Mean 73.420
Mean of logs 4.296
Log variance 0.2333
Log Std Dev 0.4830

SICHEL STATISTICS
Sichel's Mean 82.155
Sichel's U 0.232
Sichel's Gamma 1.119

Log Probability Plot



DATA
File KAZMMI96
Variable CO PPB

NORMAL STATISTICS
Samples 142
Minimum 15.000
Maximum 436.000
Class Int 20.000
Median 72.000
Mean 83.415
Variance 2697.4077
Std Dev 51.9366

LOGARITHMIC STATISTICS
Samples 142
Class Int 0.500
Mean 73.420
Mean of logs 4.296
Log variance 0.2333
Log Std Dev 0.4830

SICHEL STATISTICS
Sichel's Mean 82.155
Sichel's U 0.232
Sichel's Gamma 1.119

Upper Population 13.82%
Mean 115.921 (Ln 4.753)
S Dev 1.988 (Ln 0.687)

Lower Population 86.18%
Mean 51.066 (Ln 3.933)
S Dev 1.391 (Ln 0.330)



Plate 11. Site 11 Artefact Scatter/quarry, Kazi Prospect.



Plate 12. Site 12 Artefact Scatter/quarry, Kazi Prospect.

APPENDIX 5

Kazi Prospect Area Ore Resource Estimate to March 1997

KAZI

Ore Resource Estimate

March 1997

Mark Glassock,

Ore Reserve Geologist

Northern Gold NL

Report KZMAR97.DOC

Contents

1.0	Introduction
1.1	Previous Work
2.0	Regional Setting
2.1	Prospect Geology and Drilling
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3.1	Database
3.2	Methodology
3.2.1	Search Ellipse Dimensions
4.0	Resource Schedule
5.0	Bibliography/ References

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Appendices

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Appendix 2	Kriging Profiles
Appendix 3	Pie Graph of assays used
Appendix 4	Resource Summary
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1.0 Introduction

The Kazi prospect is located approximately 25 kilometres south east of Adelaide River within the Cullen Mineral Field (Figure 1), within EL 7769. Access is via the Stuart Highway to Bridge Creek, thence by existing haul roads and station tracks. Access requires four wheel drive vehicles and is restricted to the dry season. During the wet season much of the ground in the area becomes inundated, and creek flow rates are high. There are no permanent creek crossings in this area. The Kazi prospect lies within the Mt. Ringwood pastoral lease, PL 718 (*Farrelly et al.*).

1.1 Previous Work

The Kazi Prospect was previously managed by Western Mining Corporation (WMC) and G. R. Grace Australia Ltd as part of the Mt. Ringwood Joint Venture, as the Quest 155 prospect identifying numerous areas of anomalous gold mineralisation. Results from this work are reported in Hancock and Muir 1987. Northern Gold NL has conducted a RC drilling programme during 1994 and 1995, and baseline surveys between 1992 and 1995. (*Farrelly et al.*).

Michelle Stokes of Northern Gold reported a polygonal resource of 251,194 tonnes @ 3.48 g/t Au in August 1994 to a 0.9 g/t cut off.

Classification	Tonnes	g/t Au Cut(15) g/t
Measured	552,680	2.59
Indicated	30,830	2.93
<u>Inferred</u>	<u>0</u>	<u>0</u>
Total	583,510	2.61

Widenbar & Associates Pty Ltd reported a block model resource of 856,892 tonnes
@ 2.48 g/t Au in July 1996 to a 0.9 g/t cut off

Classification	Tonnes	g/t Au Cut(15) g/t
Measured	723,452	2.45
Indicated	60,813	2.74
<u>Inferred</u>	<u>72,628</u>	<u>2.57</u>
Total	856,892	2.48

2.0 Regional Setting

EL 7769 covers the northern continuation of the Howley line and the interpreted strike continuation of the Western Arm structure from Bridge Creek in the south to Goodall and Fisher Road in the north. The geology of the area is similar to the Cosmo Howley area and is dominated by rocks of the South Alligator Group and Finnis River Group. Detailed geological descriptions of the tenement are given in reports by Pevely 1990, Quick 1991, Ward and Hancock 1987, Ward 1988 and Ward 1989. (*Farrelly et al.*).

2.1 Prospect Geology and Drilling

Mineralisation at the Kazi Prospect is hosted by rocks belonging to the Gerowie Tuff Formation, and is associated with an en-echelon quartz-arsenopyrite vein system trending sub-parallel to bedding. The quartz veining is located on the western flank of a domal structure. A semi continuous zone of gold mineralisation trends north-south and dips approximately 55° to the west. Several sub-parallel lenses of mineralisation also occur in the hanging wall of this main zone. Drill data from previous tenement holders has not been used for the interpretation of the mineralisation, nor for the estimation of the resource. Northern Gold has drilled 5 NQ diamond holes and 125 RC holes at Kazi, effectively defining the deposit, which is not exposed at surface. Metallurgical test work has been carried out on composite samples from the RC drilling, and grind tests and waste characterisation have been completed on samples of drill core and RC drill chips. Samples of ore and waste were also submitted for bulk density determinations. As a result a bulk density of 2.78 t/m³ has been used for all ore in the estimation. Waste material was indicated to have a average bulk density of 2.71. The bulk density does not change appreciably with depth. (*Farrelly et al.*).

3.0 Resource Calculations

3.1 Database

The Northern Gold drill hole database for the Kazi prospect, as at January 1997, was used for this resource estimation. All data files are archived on the computer server D: drive at Northern Gold NL's Adelaide River. (*Farrelly et al.*).

Data from previous lease holders in this area, was not included as there is a survey problem with the old holes for this evaluation.. All assay data falling within the interpreted lode zones was used. A top cut of 15 g/t Au was applied to all data. This cut grade was estimated by Widenbar & Associates in the July 1996. (*Farrelly et al.*).

3.2 Methodology

The solids used in the July 1996 resource were used with some editing to make the lodes more continuous, i.e. Including internal waste as to let the modelling take care of the grade. A Main lode and four hanging wall lodes have been modelled. Gemcom's PC mine codes for the lode's are as follows

	measured	indicated	inferred
main lode	30	20	10
hang wall lode 1	31	21	11
hang wall lode 2	32	22	12
hang wall lode 3	33	23	
hang wall lode 4	34		

A block model was created using Gemcom's PC mine software with block sizes of 2.5m X 2.5m X 2.5m. A full listing of the Block model parameters is shown in Appendix 1.

The strike and dip of these interpreted lode zones were measured, and the deposit was divided into domains of similar trend. This resulted in 74 different domains, each requiring different anisotropic parameters for grade modelling. These domains, and the input parameters for Gemcom's Gemkrige software are shown in Appendix 2.

A bulk density of 2.78 t/m³ was used for all ore and 2.71 was used for all waste.

3.2.1 Search Ellipse Dimensions

Search ellipse dimensions have been chosen on the basis of a combination of ranges determined by variography done by Widenbar & Associates in July 1996 and drill hole spacing. The measured model generation run was carried out using search dimensions as follows:

- Along strike 25m
- Down dip 20m
- Across dip 3m

Subsequently the indicated model generation run was carried out using search dimensions of 60m along strike, 40m down dip and 6m across dip, with the indicated model using search dimensions of 80m along strike, 60m down dip and 8m across strike process generated grades in areas

Only resource blocks with a minimum of 49 % falling within the interpreted geological solid were attributed grade.

4.0 Resource Schedule

The Kazi prospect estimated to contain the following mineral resource, at a 0.7 g/t cut off grade down to -85 mRl:

Classification	Tonnes	g/t Au Cut(15) g/t
Measured	993,520	2.12
Indicated	118,830	1.81
<u>Inferred</u>	<u>44,630</u>	<u>1.47</u>
Total	1,156,670	2.06

The Kazi prospect estimated to contain the following mineral resource, at a 0.9 g/t cut off grade down to -85 mRl:

Classification	Tonnes	g/t Au Cut(15) g/t
Measured	812,880	2.41
Indicated	100,560	1.99
<u>Inferred</u>	<u>38,340</u>	<u>1.58</u>
Total	951,760	2.33

This resource is estimated for a range of cut off grades as shown in Appendix 4 with a grade tonnage curve.

5.0 Bibliography/ References

Farrelly, C. Northern Gold NL Ore Reserves August 1996. Northern Gold internal report.

Hancock, S.L. and Muir, R.M. Mount Ringwood joint venture Second annual report: MLN414-418 "Quest 155", for period 17/2/68 - 16/2/87. Northern Territory Department of Mines and Energy Open file Report.

Widenbar & Associates Pty Ltd. Kazi Prospect Resource and Reserve Estimation, July 1996, Northern Gold internal report.

Appendix 1

Block Model Parameters

Kazi Block Model Parameters					
row	northing	column	easting	level	RL
1	69147.5	1	46150	1	68.75
2	69145	2	46152.5	2	66.25
3	69142.5	3	46155	3	63.75
4	69140	4	46157.5	4	61.25
5	69137.5	5	46160	5	58.75
6	69135	6	46162.5	6	56.25
7	69132.5	7	46165	7	53.75
8	69130	8	46167.5	8	51.25
9	69127.5	9	46170	9	48.75
10	69125	10	46172.5	10	46.25
11	69122.5	11	46175	11	43.75
12	69120	12	46177.5	12	41.25
13	69117.5	13	46180	13	38.75
14	69115	14	46182.5	14	36.25
15	69112.5	15	46185	15	33.75
16	69110	16	46187.5	16	31.25
17	69107.5	17	46190	17	28.75
18	69105	18	46192.5	18	26.25
19	69102.5	19	46195	19	23.75
20	69100	20	46197.5	20	21.25
21	69097.5	21	46200	21	18.75
22	69095	22	46202.5	22	16.25
23	69092.5	23	46205	23	13.75
24	69090	24	46207.5	24	11.25
25	69087.5	25	46210	25	8.75
26	69085	26	46212.5	26	6.25
27	69082.5	27	46215	27	3.75
28	69080	28	46217.5	28	1.25
29	69077.5	29	46220	29	-1.25
30	69075	30	46222.5	30	-3.75
31	69072.5	31	46225	31	-6.25
32	69070	32	46227.5	32	-8.75
33	69067.5	33	46230	33	-11.25
34	69065	34	46232.5	34	-13.75
35	69062.5	35	46235	35	-16.25
36	69060	36	46237.5	36	-18.75
37	69057.5	37	46240	37	-21.25
38	69055	38	46242.5	38	-23.75
39	69052.5	39	46245	39	-26.25

Block Model Parameters

APPENDIX 1

row	northing	column	easting	level	RL
40	69050	40	46247.5	40	-28.75
41	69047.5	41	46250	41	-31.25
42	69045	42	46252.5	42	-33.75
43	69042.5	43	46255	43	-36.25
44	69040	44	46257.5	44	-38.75
45	69037.5	45	46260	45	-41.25
46	69035	46	46262.5	46	-43.75
47	69032.5	47	46265	47	-46.25
48	69030	48	46267.5	48	-48.75
49	69027.5	49	46270	49	-51.25
50	69025	50	46272.5	50	-53.75
51	69022.5	51	46275	51	-56.25
52	69020	52	46277.5	52	-58.75
53	69017.5	53	46280	53	-61.25
54	69015	54	46282.5	54	-63.75
55	69012.5	55	46285	55	-66.25
56	69010	56	46287.5	56	-68.75
57	69007.5	57	46290	57	-71.25
58	69005	58	46292.5	58	-73.75
59	69002.5	59	46295	59	-76.25
60	69000	60	46297.5	60	-78.75
61	68997.5	61	46300	61	-81.25
62	68995	62	46302.5	62	-83.75
63	68992.5	63	46305	63	-86.25
64	68990	64	46307.5	64	-88.75
65	68987.5	65	46310	65	-91.25
66	68985	66	46312.5	66	-93.75
67	68982.5	67	46315	67	-96.25
68	68980	68	46317.5	68	-98.75
69	68977.5	69	46320	69	-101.25
70	68975	70	46322.5	70	-103.75
71	68972.5	71	46325	71	-106.25
72	68970	72	46327.5	72	-108.75
73	68967.5	73	46330	73	-111.25
74	68965	74	46332.5	74	-113.75
75	68962.5	75	46335	75	-116.25
76	68960	76	46337.5	76	-118.75
77	68957.5	77	46340	77	-121.25
78	68955	78	46342.5	78	-123.75
79	68952.5	79	46345	79	-126.25
80	68950	80	46347.5	80	-128.75

Block Model Parameters

APPENDIX 1

row	northing	column	easting	level	RL
81	68947.5	81	46350	81	-131.25
82	68945	82	46352.5	82	-133.75
83	68942.5	83	46355	83	-136.25
84	68940	84	46357.5	84	-138.75
85	68937.5	85	46360	85	-141.25
86	68935	86	46362.5	86	-143.75
87	68932.5	87	46365	87	-146.25
88	68930	88	46367.5	88	-148.75
89	68927.5	89	46370	89	-151.25
90	68925	90	46372.5	90	-153.75
91	68922.5			91	-156.25
92	68920			92	-158.75
93	68917.5			93	-161.25
94	68915			94	-163.75
95	68912.5			95	-166.25
96	68910			96	-168.75
97	68907.5			97	-171.25
98	68905			98	-173.75
99	68902.5			99	-176.25
100	68900			100	-178.75
101	68897.5			101	-181.25
102	68895			102	-183.75
103	68892.5			103	-186.25
104	68890			104	-188.75
105	68887.5			105	-191.25
106	68885			106	-193.75
107	68882.5			107	-196.25
108	68880			108	-198.75
109	68877.5			109	-201.25
110	68875			110	-203.75
111	68872.5			111	-206.25
112	68870			112	-208.75
113	68867.5			113	-211.25
114	68865			114	-213.75
115	68862.5			115	-216.25
116	68860			116	-218.75
117	68857.5			117	-221.25
118	68855			118	-223.75
119	68852.5			119	-226.25
120	68850			120	-228.75

Appendix 2

Krigging profiles

[illegible]

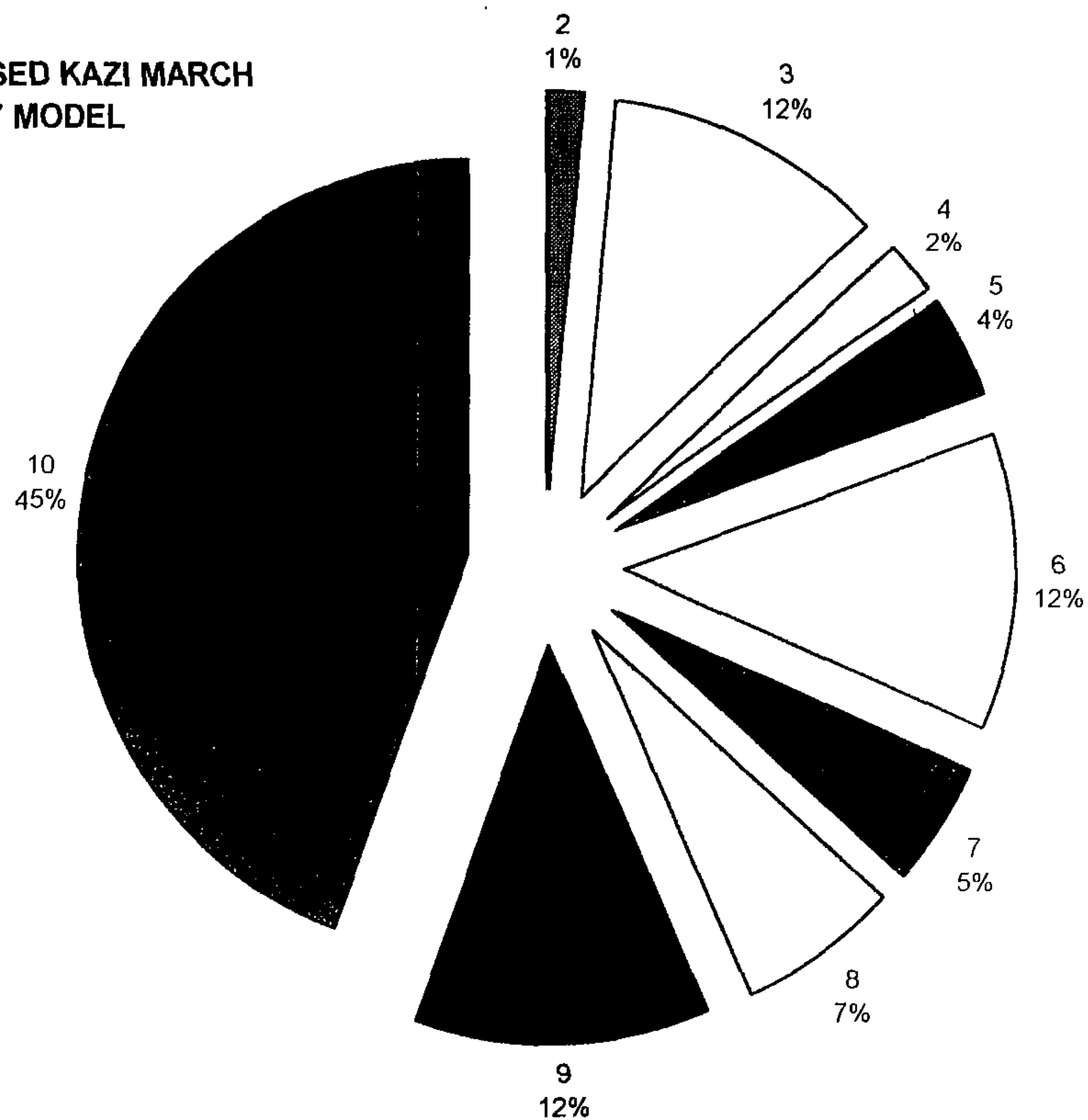
Profile	rock type	max rock	rock type	max rock	row to	row from	Col from	Col to	Level from	Level to	geo dip	Azimuth	gemcosz	Orientation	Plunge	dip	Description	newy	Search	Emp	newy	newz	Sample	Culval	Maxamp	ltrow	ltcol	Trace	Block	ltrow	ltcol	Model	Model
Indic1	20	30	30	30	120	104	1	90	90	28	-58	350	350	0	0	32	Lode zone	8	80	40	Only sam	15	3	108	74	18	2	108	74	18	2	2	2
Indic2	20	30	30	30	120	104	1	90	90	29	-47	350	350	0	0	43	Lode zone	8	80	40	Only sam	15	3	108	53	46	2	108	53	46	2	2	2
Indic3	20	30	30	30	120	96	1	90	90	37	-52	355	-355	0	0	38	Lode zone	8	80	40	Only sam	15	3	100	71	20	2	100	71	20	2	2	2
Indic4	20	30	30	30	103	96	1	90	90	38	-45	350	350	0	0	45	Lode zone	8	80	40	Only sam	15	3	100	53	46	2	100	53	46	2	2	2
Indic5	20	30	30	30	95	88	1	90	90	1	-45	7	-7	0	0	45	Lode zone	8	80	40	Only sam	15	3	82	76	15	2	82	76	15	2	2	2
Indic6	20	30	30	30	95	88	1	90	90	20	-55	355	-355	0	0	35	Lode zone	8	80	40	Only sam	15	3	82	84	33	2	82	84	33	2	2	2
Indic7	20	30	30	30	95	88	1	90	90	41	-55	355	-355	0	0	35	Lode zone	8	80	40	Only sam	15	3	82	51	48	2	82	51	48	2	2	2
Indic8	20	30	30	30	87	70	1	90	90	1	-47	350	350	0	0	43	Lode zone	8	80	40	Only sam	15	3	84	85	30	2	84	85	30	2	2	2
Indic9	20	30	30	30	87	70	1	90	90	64	-58	350	350	0	0	32	Lode zone	8	80	40	Only sam	15	3	84	65	30	2	84	65	30	2	2	2
Indic10	20	30	30	30	69	56	1	90	90	1	-50	5	-5	0	0	40	Lode zone	8	80	40	Only sam	15	3	84	78	15	2	84	78	15	2	2	2
Indic11	20	30	30	30	69	56	1	90	90	30	-35	7	-7	0	0	55	Lode zone	8	80	40	Only sam	15	3	84	84	31	2	84	84	31	2	2	2
Indic12	20	30	30	30	69	56	1	90	90	36	-55	10	-10	0	0	35	Lode zone	8	80	40	Only sam	15	3	84	51	48	2	84	51	48	2	2	2
Indic13	20	30	30	30	55	48	1	90	90	1	-52	7	-7	0	0	38	Lode zone	8	80	40	Only sam	15	3	52	59	39	2	52	59	39	2	2	2
Indic14	20	30	30	30	47	40	1	90	90	1	-70	10	-10	0	0	20	Lode zone	8	80	40	Only sam	15	3	44	59	42	2	44	59	42	2	2	2
Indic15	20	30	30	30	47	40	1	90	90	54	-80	10	-10	0	0	30	Lode zone	8	80	40	Only sam	15	3	44	59	42	2	44	59	42	2	2	2
Indic16	20	30	30	30	39	32	1	90	90	1	-35	5	-5	0	0	55	Lode zone	8	80	40	Only sam	15	3	36	69	24	2	36	69	24	2	2	2
Indic17	20	30	30	30	39	32	1	90	90	31	-72	350	350	0	0	18	Lode zone	8	80	40	Only sam	15	3	36	57	49	2	36	57	49	2	2	2
Indic18	20	30	30	30	31	1	1	90	90	1	-55	350	350	0	0	35	Lode zone	8	80	40	Only sam	15	3	28	63	44	2	28	63	44	2	2	2
Indic19	20	30	30	30	95	88	1	90	90	17	-25	350	350	0	0	45	Lode zone	8	80	40	Only sam	15	3	1	1	1	2	1	1	1	2	2	2
Indic20	20	30	30	30	31	1	1	90	90	40	-35	10	-10	0	0	35	Lode zone	8	80	40	Only sam	15	3	1	1	1	2	1	1	1	2	2	2
Indic21	20	30	30	30	31	1	1	90	90	53	-85	10	-10	0	0	25	Lode zone	8	80	40	Only sam	15	3	1	1	1	2	1	1	1	2	2	2
Indic22	20	30	30	30	44	1	56	90	90	40	-55	350	350	0	0	35	Lode zone	8	80	40	Only sam	15	3	1	1	1	2	1	1	1	2	2	2
Indic23	20	30	30	30	44	1	64	85	85	53	-55	350	350	0	0	35	Lode zone	8	80	40	Only sam	15	3	1	1	1	2	1	1	1	2	2	2
Indic24	20	30	30	30	44	1	82	63	63	59	-55	350	350	0	0	35	Lode zone	8	80	40	Only sam	15	3	1	1	1	2	1	1	1	2	2	2
Indic25	20	30	30	30	44	1	80	61	62	136	-80	350	350	0	0	30	Lode zone	8	80	40	Only sam	15	3	1	1	1	2	1	1	1	2	2	2
Indic26	21	31	31	31	120	104	1	90	90	1	-38	10	-10	0	0	52	Lode zone	8	80	40	Only sam	15	3	108	51	28	2	108	51	28	2	2	2
Indic27	21	31	31	31	103	96	1	90	90	1	-37	7	-7	0	0	53	Lode zone	8	80	40	Only sam	15	3	100	52	30	2	100	52	30	2	2	2
Indic28	21	31	31	31	103	96	1	90	90	33	-62	7	-7	0	0	28	Lode zone	8	80	40	Only sam	15	3	100	47	35	2	100	47	35	2	2	2
Indic29	21	31	31	31	103	96	1	90	90	36	-45	2	-2	0	0	45	Lode zone	8	80	40	Only sam	15	3	100	43	40	2	100	43	40	2	2	2
Indic30	21	31	31	31	95	88	1	90	90	1	-28	348	-348	0	0	55	Lode zone	8	80	40	Only sam	15	3	82	61	23	2	82	61	23	2	2	2
Indic31	21	31	31	31	95	88	1	90	90	29	-55	355	-355	0	0	35	Lode zone	8	80	40	Only sam	15	3	82	52	33	2	82	52	33	2	2	2
Indic32	21	31	31	31	95	88	1	90	90	39	-45	350	-350	0	0	45	Lode zone	8	80	40	Only sam	15	3	82	44	44	2	82	44	44	2	2	2
Indic33	21	31	31	31	87	80	1	90	90	1	-45	12	-12	0	0	45	Lode zone	8	80	40	Only sam	15	3	84	65	23	2	84	65	23	2	2	2
Indic34	21	31	31	31	87	80	1	90	90	38	-47	12	-12	0	0	43	Lode zone	8	80	40	Only sam	15	3	84	68	23	2	84	68	23	2	2	2
Indic35	21	31	31	31	79	70	1	90	90	1	-28	20	-20	0	0	50	Lode zone	8	80	40	Only sam	15	3	78	64	17	2	78	64	17	2	2	2
Indic36	21	31	31	31	79	70	1	90	90	29	-37	20	-20	0	0	32	Lode zone	8	80	40	Only sam	15	3	78	49	33	2	78	49	33	2	2	2
Indic37	21	31	31	31	79	70	1	90	90	38	-45	20	-20	0	0	45	Lode zone	8	80	40	Only sam	15	3	78	40	45	2	78	40	45	2	2	2
Indic38	21	31	31	31	69	1	1	90	90	1	-10	7	-7	0	0	45	Lode zone	8	80	40	Only sam	15	3	64	85	20	2	64	85	20	2	2	2
Indic39	21	31	31	31	69	64	1	90	90	11	-39	20	-20	0	0	45	Lode zone	8	80	40	Only sam	15	3	1	1	1	2	1	1	1	2	2	2
Indic40	21	31	31	31	63	1	1	90	90	11	-28	7	-7	0	0	45	Lode zone	8	80	40	Only sam	15	3	1	1	1	2	1	1	1	2	2	2
Indic41	21	31	31	31	63	1	1	90	90	27	-41	350	350	0	0	45	Lode zone	8	80	40	Only sam	15	3	1	1	1	2	1	1	1	2	2	2
Indic42	21	31	31	31	63	1	1	90	90	42	-45	350	-350	0	0	45	Lode zone	8	80	40	Only sam	15	3	1	1	1	2	1	1	1	2	2	2
Indic43	21	31	31	31	63	1	52	62	62	18	-27	350	-350	0	0	45	Lode zone	8	80	40	Only sam	15	3	1	1	1	2	1	1	1	2	2	2
Indic44	22	32	32	32	120	104	1	90	90	1	-45	350	350	0	0	45	Lode zone	8	80	40	Only sam	15	3	108	49	22	2	108	49	22	2	2	2
Indic45	22	32	32	32	103	96	1	90	90	1	-22	350	350	0	0	58	Lode zone	8	80	40	Only sam	15	3	100	52	19	2	100	52	19	2	2	2
Indic46	22	32	32	32	103	96	1	90	90	22	-50	350	350	0	0	40	Lode zone	8	80	40	Only sam	15	3	100	47	24	2	100	47	24	2	2	2
Indic47	22	32	32	32	103	96	1	90	90	29	-33	25	-25	0	0	57	Lode zone	8	80	40	Only sam	15	3	100	39	31	2	100	39	31	2	2	2
Indic48	22	32	32	32	95	88	1	90	90	1	-12	350	-350	0	0	40	Lode zone	8	80	40	Only sam	15	3	82	65	7	2	82	65	7	2	2	2
Indic49	22	32	32	32	95	88	1	90	90	13	-20	350	-350	0	0	55	Lode zone	8	80	40	Only sam	15	3	82	58	14	2	82	58	14	2	2	2
Indic50	22	32	32	32	95	88	1	90	90	21	-50	355	-355	0	0	40	Lode zone	8	80	40	Only sam	15	3	82	45	25	2	82	45	25	2	2	2
Indic51	22	32	32	32	87	80	1	90	90	1	-45	350	-350	0	0	45	Lode zone	8	80	40	Only sam	15	3	84	60	23	2	84	60	23	2	2	2</

inf3	21	31	11	31	95	80	1	80	29	38	-55	355	-355	0	35	Node zone	8	80	80	Only sam	15	3	92	52	33					3	c:\prdbkz\extrach\odeasa mex
inf4	21	31	11	31	95	88	1	80	39	139	-45	350	-350	0	45	Node zone	8	80	80	Only sam	15	3	92	44	44					3	c:\prdbkz\extrach\odeasa mex
inf5	21	31	11	31	87	80	1	80	1	37	-45	12	-12	0	45	Node zone	8	80	80	Only sam	15	3	84	66	23					3	c:\prdbkz\extrach\odeasa mex
inf6	21	31	11	31	87	80	1	80	38	139	-47	12	-12	0	45	Node zone	8	80	80	Only sam	15	3	84	66	23					3	c:\prdbkz\extrach\odeasa mex
inf7	21	31	11	31	79	70	1	80	38	139	-45	20	-20	0	45	Node zone	8	80	80	Only sam	15	3	76	40	45					3	c:\prdbkz\extrach\odeasa mex
inf8	22	32	12	32	87	80	1	80	1	139	-45	350	-350	0	45	Node zone	8	80	80	Only sam	15	3	84	60	23					3	c:\prdbkz\extrach\odeasa mex

Appendix 3

Pie Graph of assays used in interpolation

**SAMPLES USED KAZI MARCH
1997 MODEL**



Appendix 4

Resource Summary including Grade tonnage curve

Kazi Block Model

to -85 mRL (level 63)

Measured

grade from	grade to	tonnes * 1000	g/t Au	total tonnes * 1000	g/t Au
3	999	192.55	4.976	192.55	4.98
1.5	3	300.68	2.094	493.23	3.22
1.1	1.5	184.57	1.288	677.8	2.69
1	1.1	60.77	1.049	738.57	2.56
0.9	1	74.31	0.95	812.88	2.41
0.8	0.9	80.02	0.849	892.9	2.27
0.7	0.8	100.62	0.748	993.52	2.12
0.6	0.7	125.24	0.647	1118.76	1.95
0.5	0.6	159.57	0.548	1278.33	1.78
0.4	0.5	194.88	0.447	1473.21	1.60
0.3	0.4	229.52	0.348	1702.73	1.43

Indicated

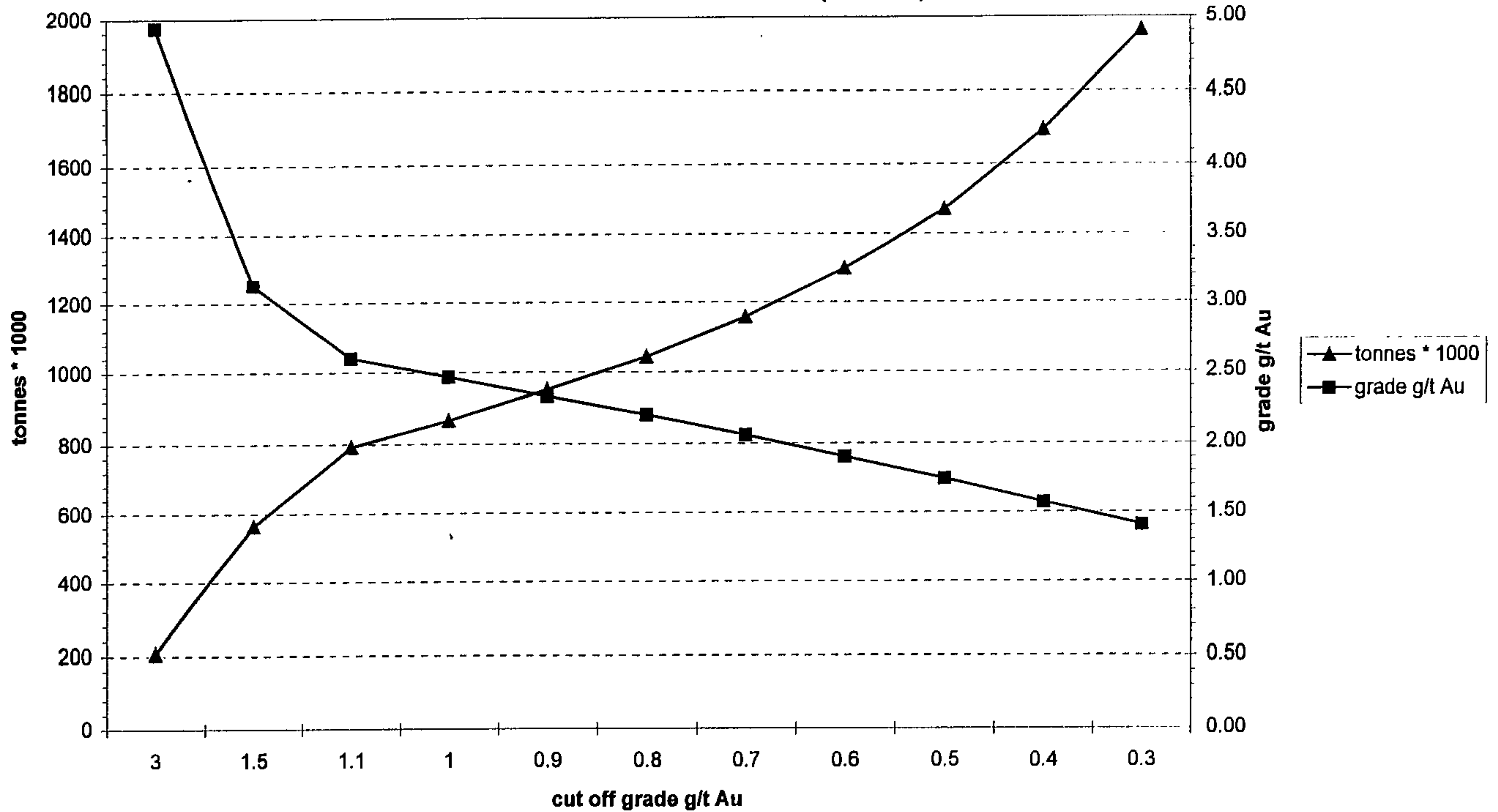
grade from	grade to	tonnes * 1000	g/t Au	total tonnes * 1000	g/t Au
3	999	12.89	4.382	12.89	4.38
1.5	3	40.93	2.093	53.82	2.64
1.1	1.5	32.65	1.319	86.47	2.14
1	1.1	7.5	1.097	93.97	2.06
0.9	1	6.59	1.01	100.56	1.99
0.8	0.9	7.94	0.903	108.5	1.91
0.7	0.8	10.03	0.754	118.53	1.81
0.6	0.7	11.2	0.659	129.73	1.71
0.5	0.6	9.24	0.556	138.97	1.64
0.4	0.5	19.53	0.455	158.5	1.49
0.3	0.4	21.78	0.355	180.28	1.35

Indicated

grade from	grade to	tonnes * 1000	g/t Au	total tonnes * 1000	g/t Au
3.000 9	99	1.08	3.725	1.08	3.73
1.5	3	16.4	1.996	17.48	2.10
1.1	1.5	11.38	1.257	28.86	1.77
1	1.1	5.45	1.047	34.31	1.65
0.9	1	4.03	0.948	38.34	1.58
0.8	0.9	3.14	0.843	41.48	1.52
0.7	0.8	3.15	0.747	44.63	1.47
0.6	0.7	5	0.645	49.63	1.39
0.5	0.6	3.21	0.548	52.84	1.34
0.4	0.5	12.66	0.443	65.5	1.16
0.3	0.4	14.36	0.352	79.86	1.02

Kazi Block Model Grade Tonnage Curve

all classes to 85 mRL (level 63)



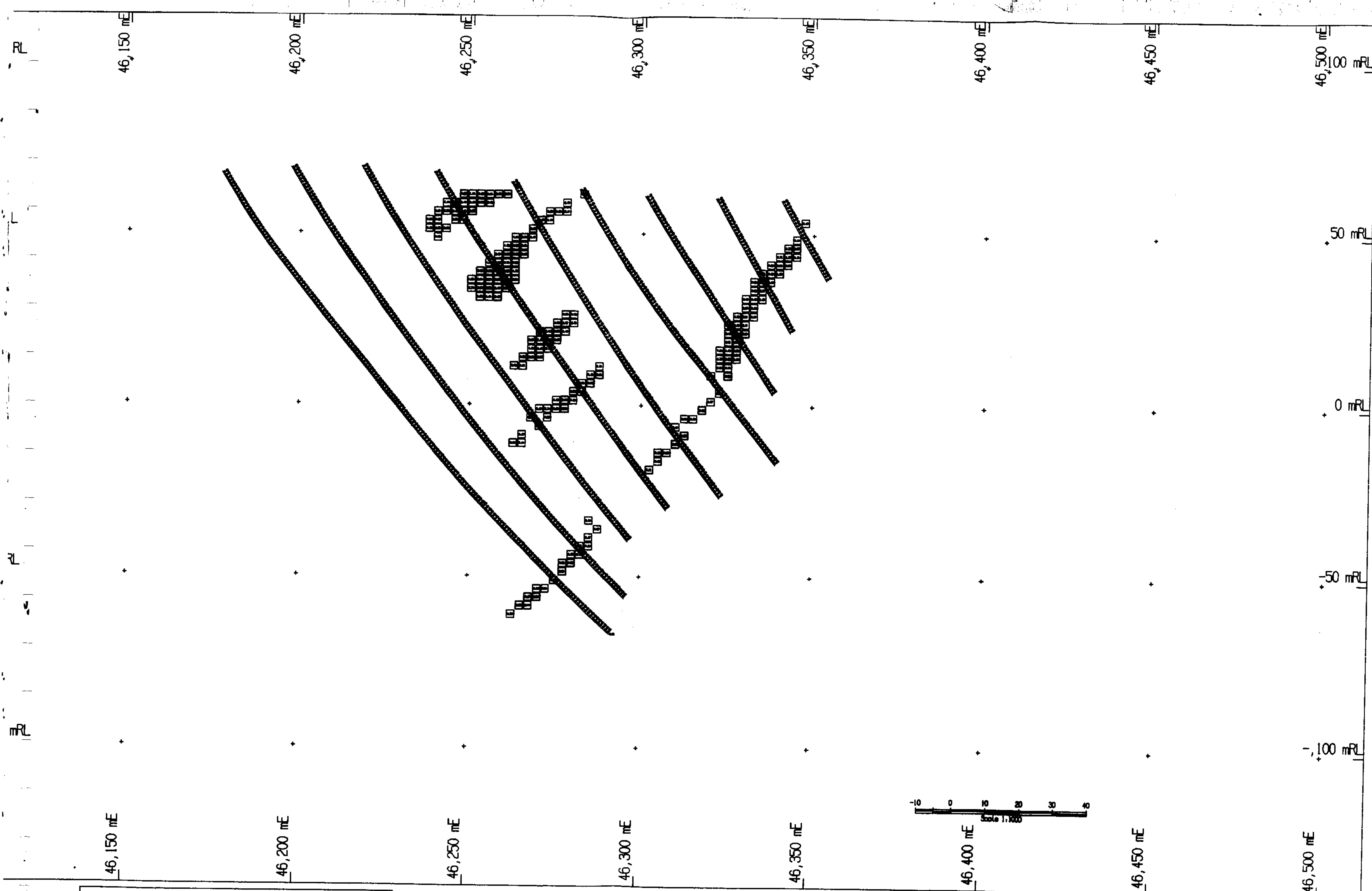
Kazi Block Model Resource Totals

all Classes to 85 mRL (level 63)

g/t Au from	g/t Au to	tonnes * 1000	g/t Au
3	999	206.52	4.94
1.5	3	564.53	3.13
1.1	1.5	793.13	2.60
1	1.1	866.84	2.47
0.9	1	951.76	2.33
0.8	0.9	1042.86	2.20
0.7	0.8	1156.67	2.06
0.6	0.7	1298.11	1.91
0.5	0.6	1470.14	1.75
0.4	0.5	1697.21	1.57
0.3	0.4	1962.87	1.41

Appendix 5

Drill Sections

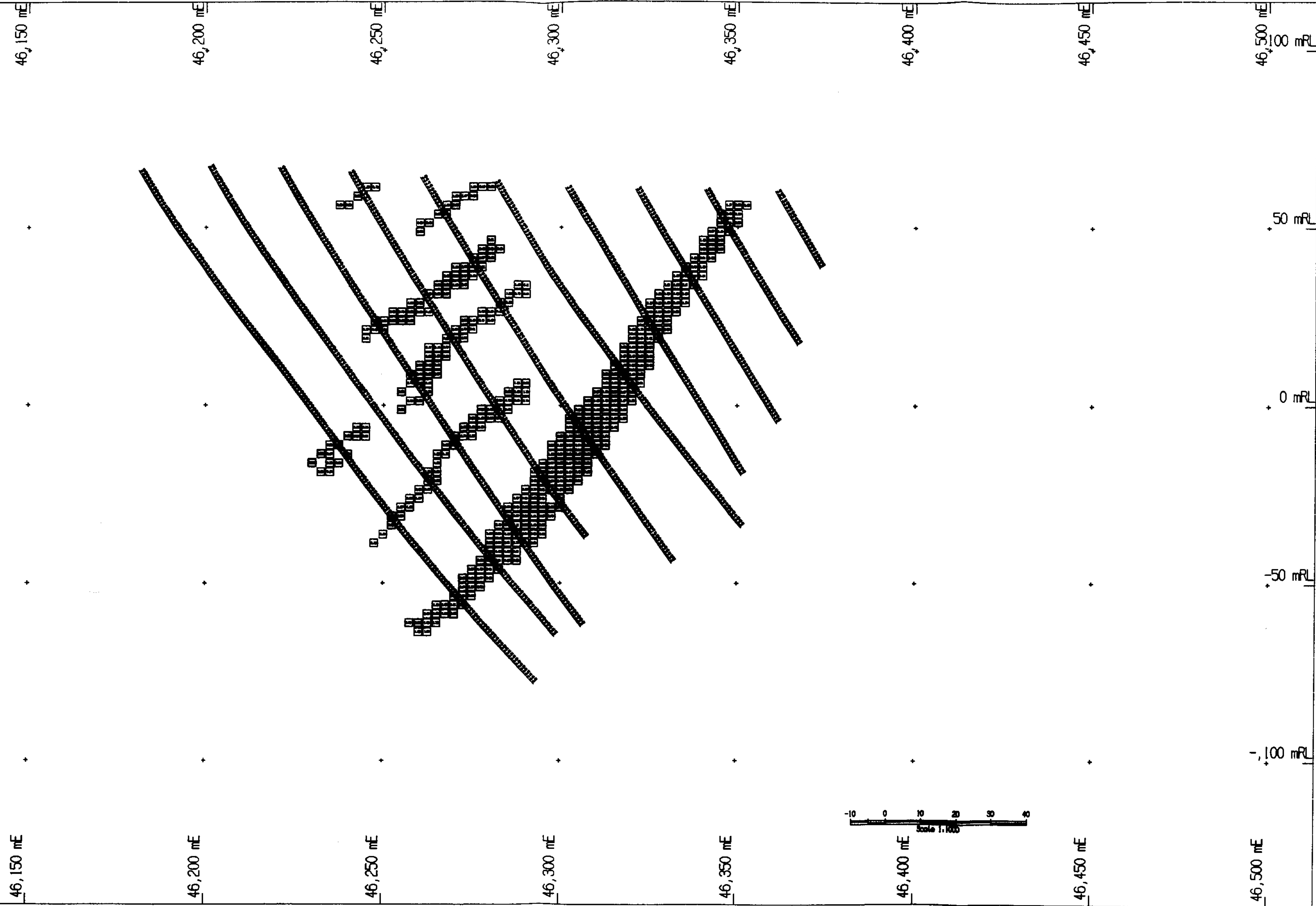


Northern Gold N.L.
 Adelaide River Office
 Adelaide River
 Northern Territory 0848
 Australia

Kazi March 1997 Block model
 Vertical Section 68880N

UNITS : METRES DATE: 97/05/14 TIME: 08:49:37

Software by GEM Services, Inc.

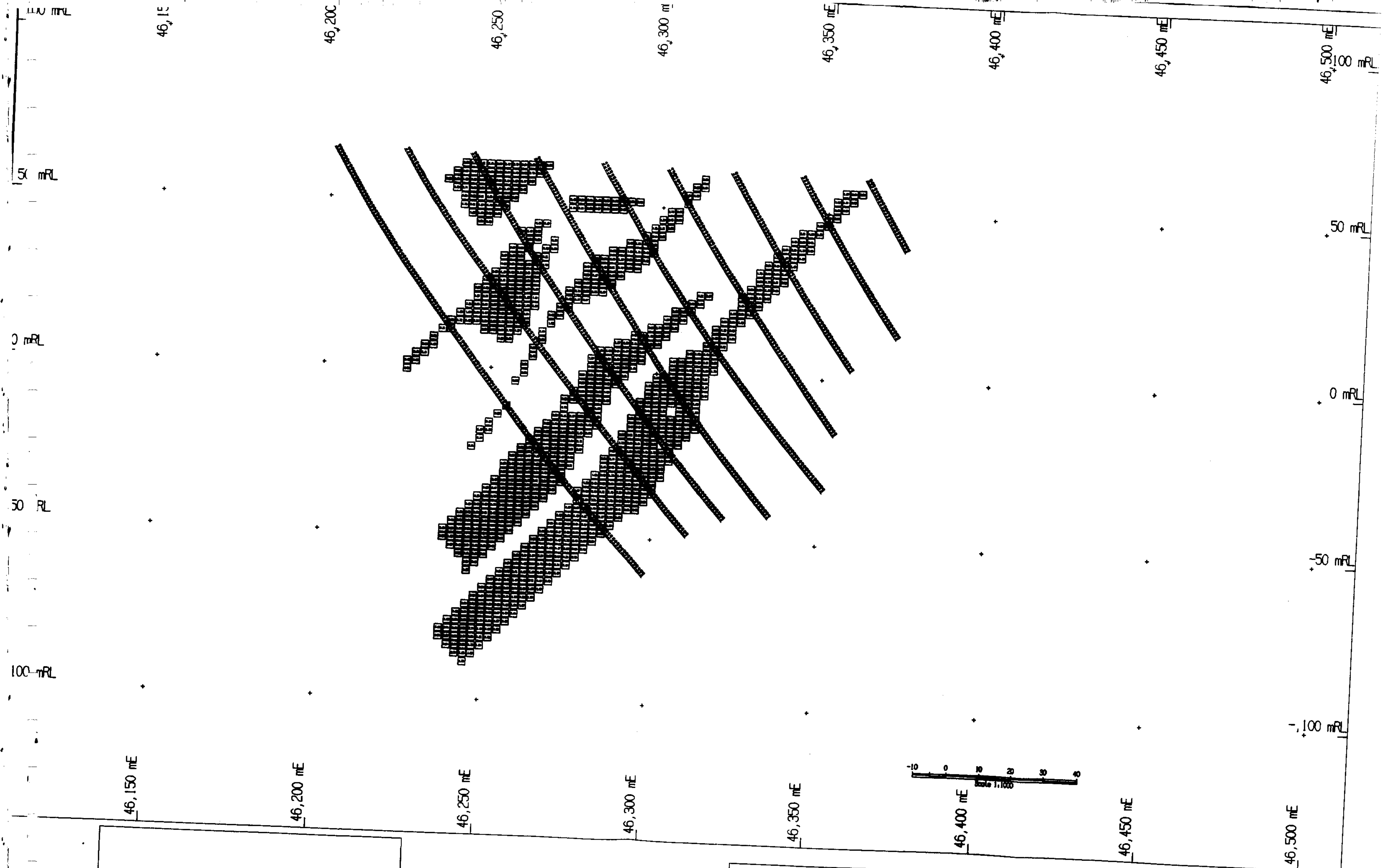


Northern Gold N.L.
Adelaide River Office
Adelaide River
Northern Territory 0848
Australia

UNITS : METRES DATE: 97/05/14 TIME: 08:49:50

Kazi March 1997 Block model
Vertical Section 68900N

Software by GEODATA Services Inc.

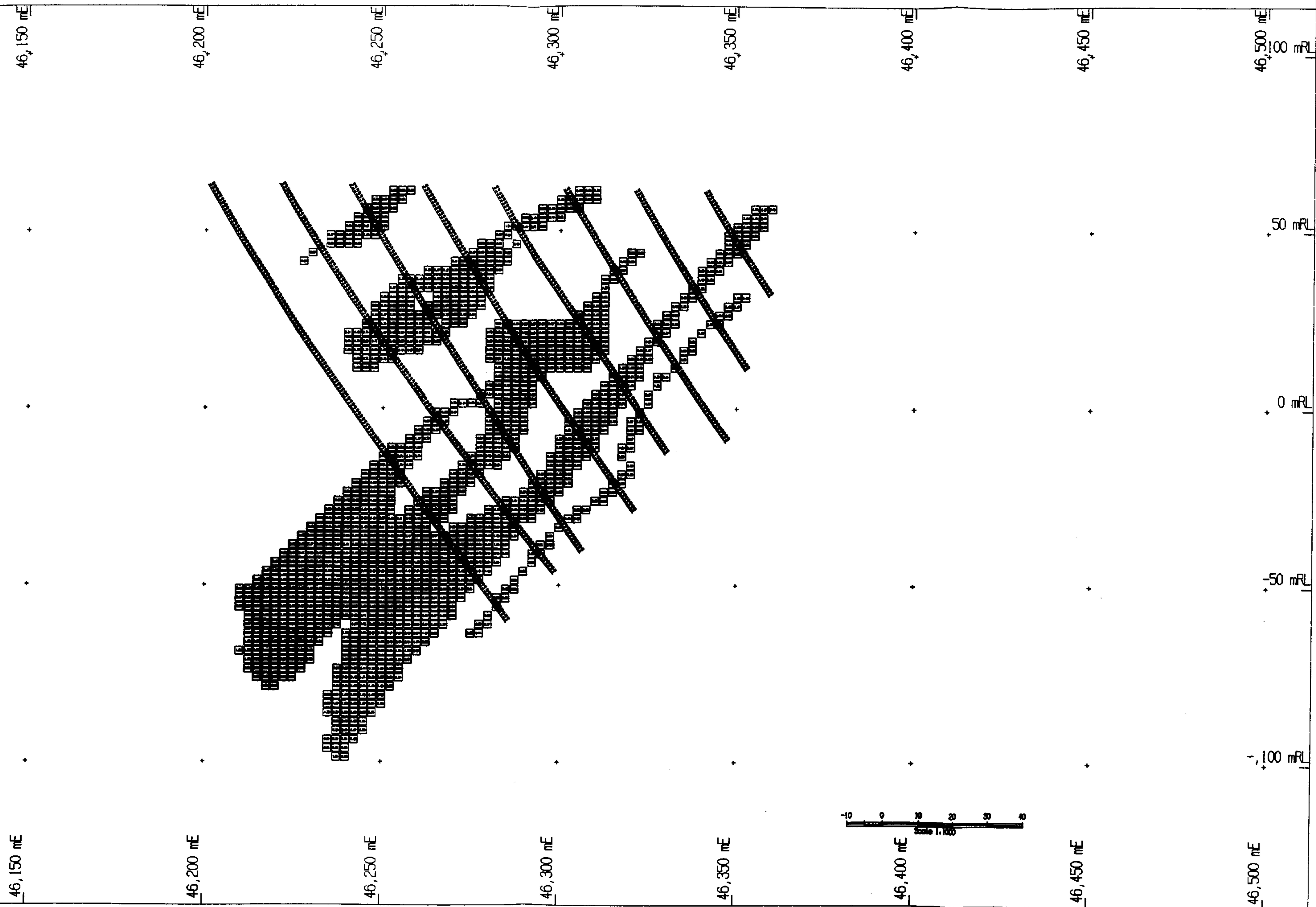


Northern Gold N.L.
 Adelaide River Office
 Adelaide River
 Northern Territory 0848
 Australia

UNITS : METRES DATE: 97/05/14 TIME: 08.50.04

Kazi March 1997 Block model
 Vertical Section 68920N

Software by GEOTM Services Inc.

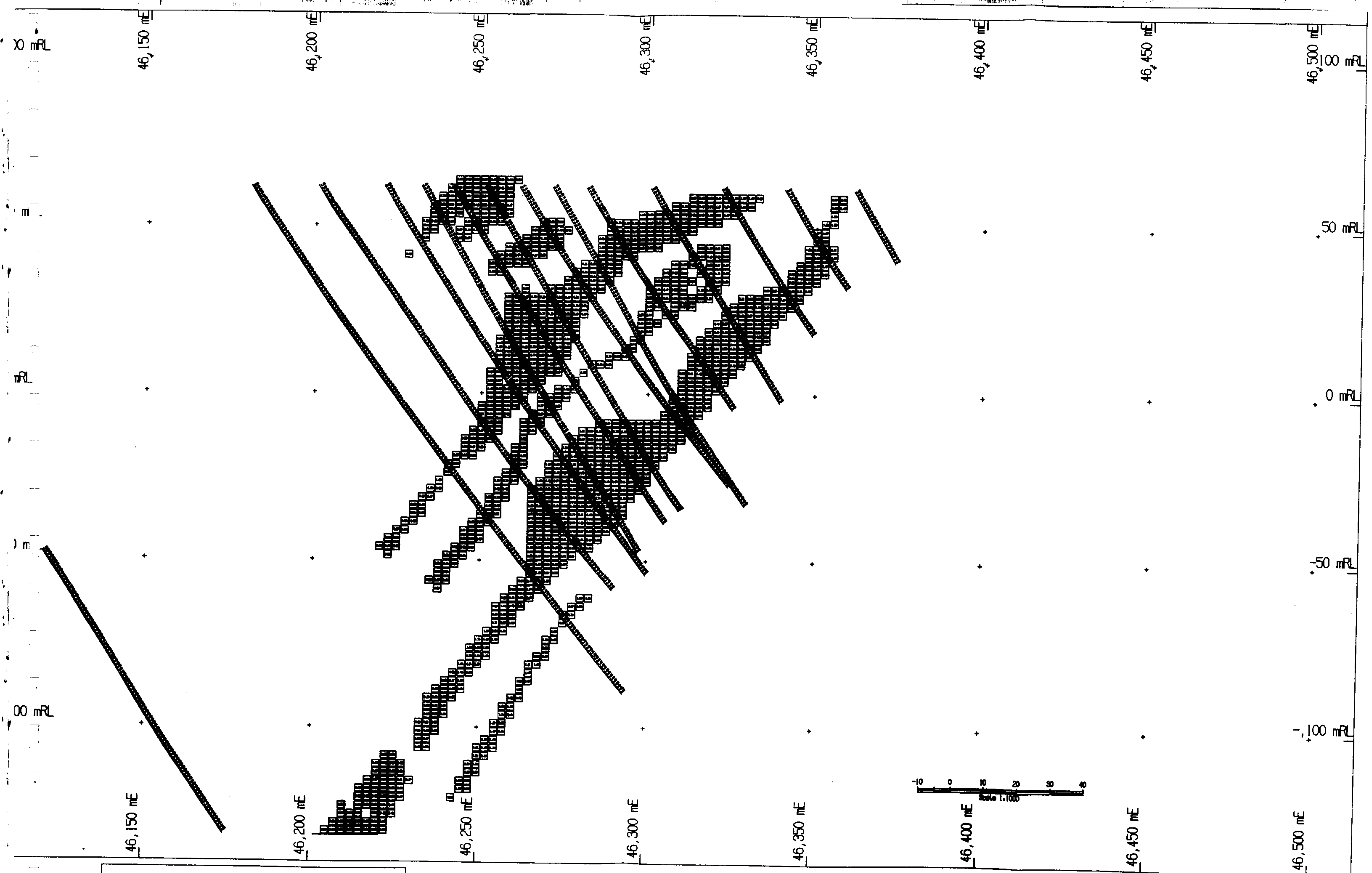


Northern Gold N.L.
Adelaide River Office
Adelaide River
Northern Territory 0846
Australia

Kazi March 1997 Block model
Vertical Section 68940N

UNITS : METRES DATE: 97/05/14 TIME: 08:50:20

Software by GEMSIM Services, Inc.

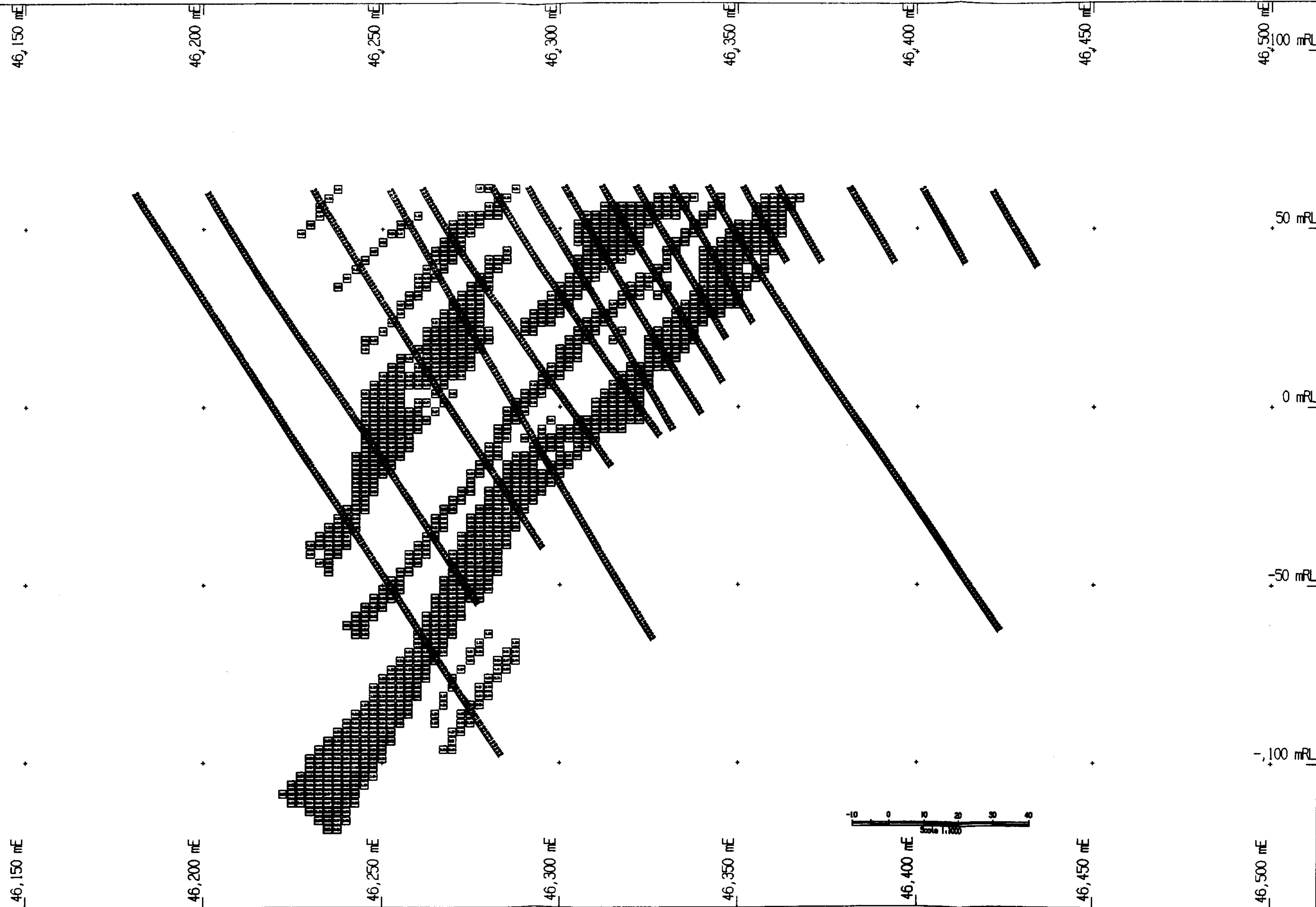


Northern Gold N.L.

Adelaide River Office
Adelaide River
Northern Territory 0840
Australia

UNITS : METRES DATE: 97/05/14 TIME: 08:50:40

Kazi March 1997 Block model
Vertical Section 68960N

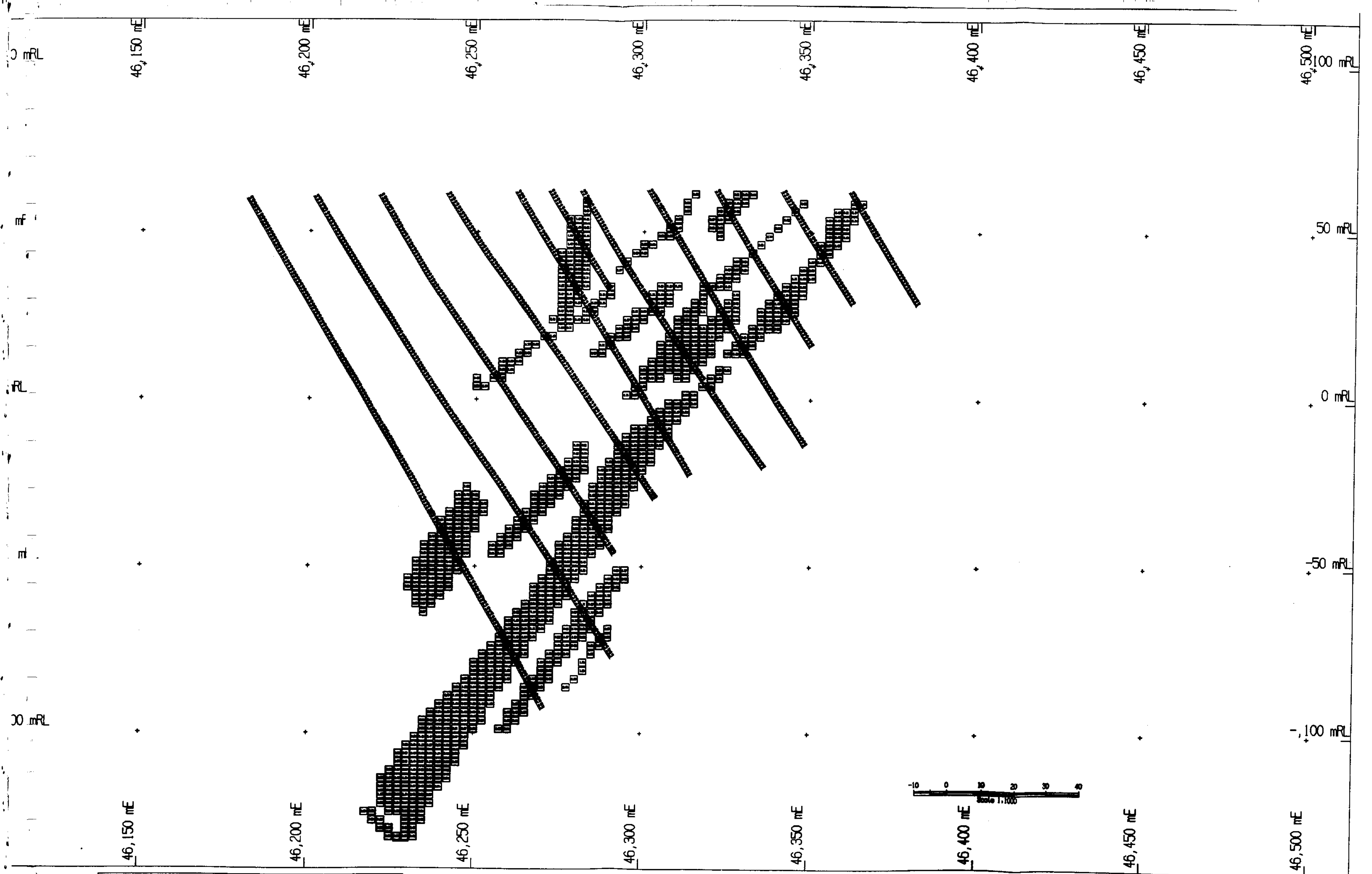


Northern Gold N.L.
 Adelaide River Office
 Adelaide River
 Northern Territory 0846
 Australia

Kazi March 1997 Block model
 Vertical Section 68990N

UNITS : METRES DATE: 97/05/14 TIME: 08:50:58

Software by GEMCOM Services Inc.

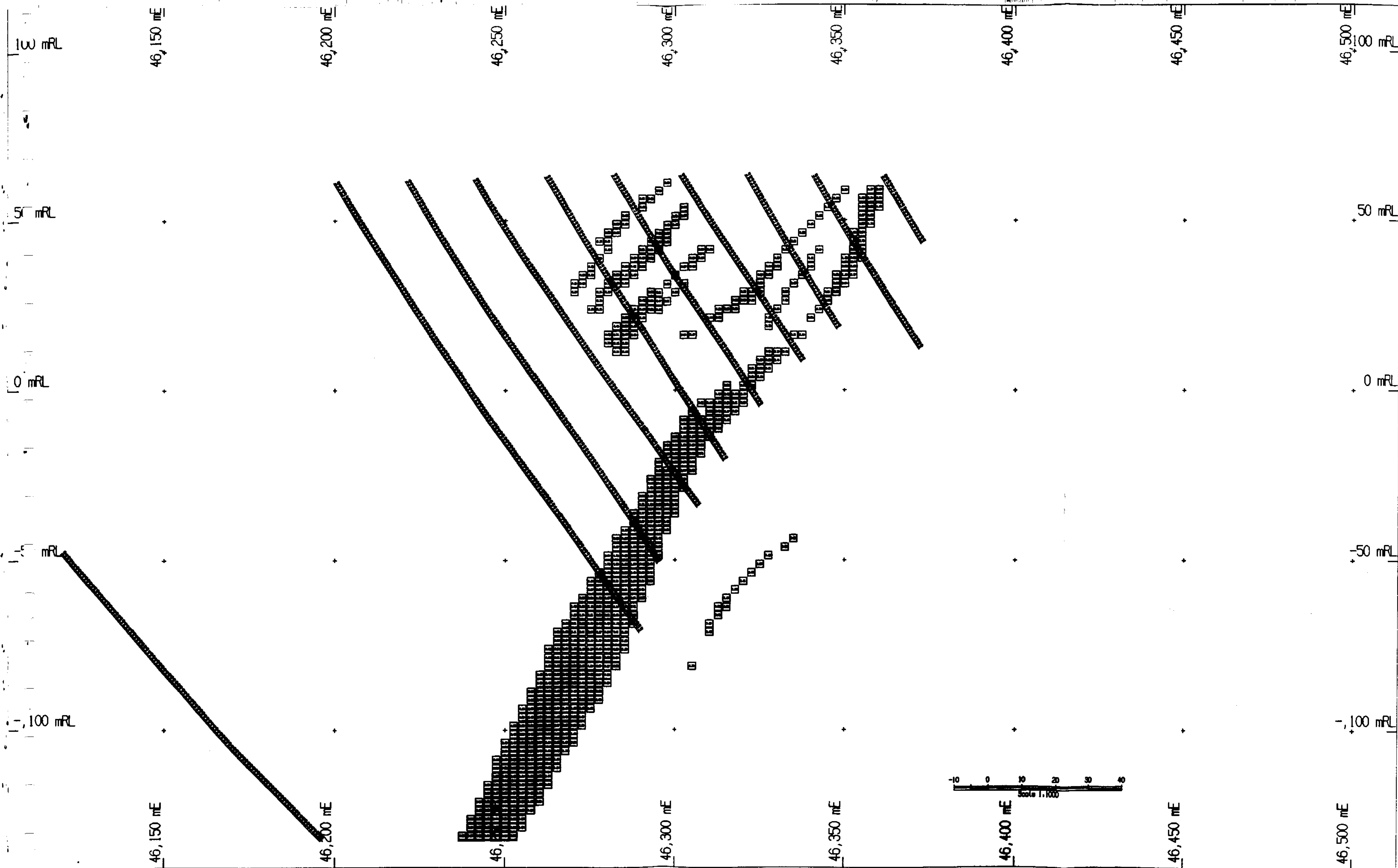


Northern Gold N.L.
 Adelaide River Office
 Adelaide River
 Northern Territory 0846
 Australia

Kazi March 1997 Block model
 Vertical Section 69020N

UNITS : METRES DATE: 97/05/14 TIME: 08:51:13

Software by GEDCOM Services Inc.

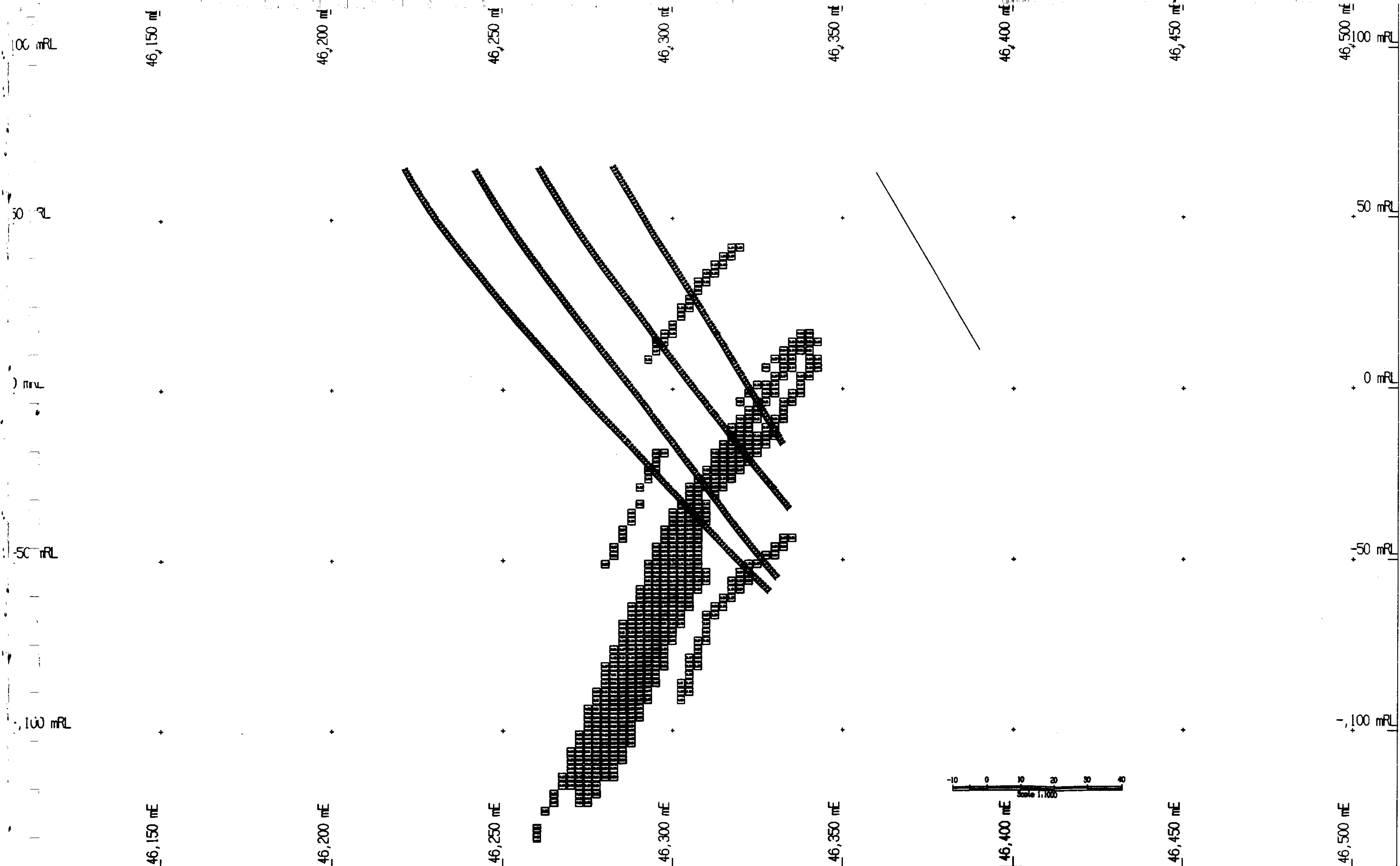


Northern Gold N.L.
 Adelaide River Office
 Adelaide River
 Northern Territory 0846
 Australia

Kazi March 1997 Block model
 Vertical Section 69040N

UNITS : METRES DATE: 97/05/14 TIME: 08:51:25

Software by BRDM Services, Inc.



Northern Gold N.L.
Adelaide River Office
Adelaide River
Northern Territory 0846
Australia

UNITS : METRES DATE: 97/05/14 TIME: 08:51:41

Kazi March 1997 Block model
Vertical Section 69080N

Software by GRCOM Services, Inc.

APPENDIX 6

los Prospect Area First Phase RC Drilling Program Drill Logs

Lithological Identification

SOIL

Soil

CLA

Clay

COL

Colluvium

LAT

Laterite

PVT

Tuff/Chert

PSL

Siltstone

PDZ

Zamu Dolerite/Gabbro

NORTHERN GOLD N.L.

Drill Hole Data Sheet 1995

Hole No. FOS 007

Prospect FOS 6200N

Tenement SEH 9591

Logged By Shuckster

Co ordinates 44680 E

Cross Section -

62340 N

Long Section -

RL

Drill Hole Type RC

Completed / Abandoned

Drill Rig RC D 150

Driller JEFF / 60 m

Date Started 29 Oct 96

Finished

Collar Inclination 60

Direction 90

Sample Series: From 007001 To 007120

Water Flow

Surveyed: Depth 40 Dip 49°

Depth 80 Dip 41°

Depth 117 Dip 39°

Depth Dip

Remarks

NORTHERN GOLD N.L.

HOLE No. **I 05 007**

DRILLING LOG SHEET

Q+3% S

DEPTH m TO	SAMPLE No.	TYPE	Au g/t	Rock TYPE	COLOR	DESCRIPTION OXID H ₂ O ALTERATION	FABRIC	COMMENTS
1	007 001			Lat	Rd/Brn	W D		
2				"	"	"		
3				"	"	"		
4				Pvt	Dbr/bre	"		
5				"	Dbr/oliv	"		
6				"	"	"		
7				"	"	"		
8				"	"	"		
9				"	"	"		
0	007 010			"	"	"		
1				"	"	"		
2		1P1		"	"	"		
3				PSI	oliv	"		
4				"	"	"		
5				"	"	"		
6				Pvt	Dbr/bn	"		
7		1PY		PSI	"	"		
8		2 1PY		"	"	"		
9				Pvt	"	"		
0	007 020			"	"	"		
1				"	Dbr/oliv	"		
2				"	"	"		
3				"	"	"		
4				"	Dbr	"		
5				"	"	"		
6				"	"	"		
7				"	"	"		
8				"	"	"		
9		1P1		"	"	"		
0	007 030			"	"	"		

TYPE N = NO SAMPLE
 S = SLUDGE
 C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. 105 007

DRILLING LOG SHEET

Q+3% S

DEPTH m TO	SAMPLE No.	TYPE	Au g/t	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O ALTERATION	FACIL	COMMENTS
1	007 031			Pst	D6ve	F D		
2				"	D6veoliv	" "		Spots
3				"	D6ve	" "		
4			1P%	"	"	" "		
5				"	"	" "		
6			1P%	"	"	" "		
7				"	"	" "		
8			1P%	"	"	" "		
9				"	"	" "		
0	007 040		1P%	"	"	" "		
1			1P%	Pst	Gd	" "		
2			5P%	"	"	" "		
3			2P%	"	"	" "		
4			2P%	"	"	" "		
5			1P%	"	D6ve	" "		
6			1P%	"	"	" "		
7				"	"	" "		
8				Pst	"	" "		
9				"	"	" "		
0	007 050			"	"	" "		
1				"	"	" "		
2				"	"	" "		
3		2		"	"	" "		
4		5	2P%	"	"	" "		
5		1		"	"	" "		
6			1P%	"	"	" "		
7		2	1P%	Pst	"	" "		
8				Pst	"	" "		
9				"	"	" "		
0	007 060		1P%	Pst	1P%	" "		

TYPE

N = NO SAMPLE

S = SLUDGE

C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. D05007

DRILLING LOG SHEET

24 3/4 S

DEPTH TO	SAMPLE No.	TYPE	Au/Kg	ROCK TYPE	COLOR	DESCRIPTION OXID H2O ALTERATION	FAIR	COMMENTS
1	007 061	2	1PY	Pvt	D Gr	F D		
2		1		"	"	"		
3		1		"	"	"		
4				"	"	"		
5				"	"	"		
6		1		"	"	"		
7		1		"	"	"		
8		2	1PY	"	"	"		
9				"	"	"		
0	007 070	1		"	"	"		
1				"	"	"		
2				"	"	"		
3				"	D Gr / Grn	"		Spots
4		1		"	"	"		"
5				"	"	"		"
6		1		"	D Gr	"		
7		20		"	D Gr / Grn	"		clast
8				Pd z	Grn	"		
9		10	2PY	"	"	"		
0	007 080			"	"	"		
1				"	"	"		
2				"	"	"		
3				"	"	"		
4				"	"	"		
5				"	"	"		
6				"	D Gr	"		
7		10	1PY	"	"	"		
8		2	1PY	"	"	"		
9		1	1PY	"	"	"		
0	007 090			"	"	"		

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. D-207

DRILLING LOG SHEET

Qtz % S

DEPTH 104 TO	SAMPLE No.	TYPE	Au % Fe %	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O ALTERATION	FACIL	COMMENTS
1	007 001			Pdz	D Gra	F D		
2		1		"	"	"		
3				"	"	"		
4		2		"	"	"		
5		1	1P1	"	"	"		
6				"	"	"		
7				"	"	"		
8				"	"	"		
9				"	"	"		
0	007 100	1		"	"	"		
1				"	"	"		
2				"	"	"		
3				"	"	"		
4		10		"	"	"		
5				"	"	"		
6				"	"	" M		
7				"	"	"		
8				"	"	"		
9				"	"	"		
0	007 110			"	"	" D		
1				"	"	"		
2				"	"	"		
3				"	"	"		
4				"	"	"		
5				"	"	"		
6				"	"	"		
7				"	"	"		
8		1		"	"	"		
9		2		"	"	"		
0	007 120	1		"	"	"		

E014

TYPE N = NO SAMPLE
 S = SLUDGE
 C = CONTAMINATED

NORTHERN GOLD N.L.

Drill Hole Data Sheet 1995

Hole No. 105 008

Tenement SEL 7591

Co ordinates 44700 E
62340 N

- RL

Drill Hole Type RC

Drill Rig RCD 150

Date Started 28 Oct 96

Collar Inclination -60

Sample Series: From 008001 To 008400

Water Flow.....

Prospect 6200N

Logged By Shucks

Cross Section -

Long Section.....

Completed / Abandoned

Driller Jeff Gower

Finished 28 Oct 96

Direction 90

Surveyed: Depth.....Dip.....

Depth 100 Dip 42°

Depth.....Dip.....

Depth.....Dip.....

Remarks.....

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NORTHERN GOLD N.L.

HOLE No. 105008

DRILLING LOG SHEET

REF DEPTH TO	SAMPLE No.	TYPE	Au _g	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O ALTERATION	FABRIC	COMMENTS
1	008 001	1		Soil	Rd/Bn	W D		
2				"	"	"		
3				"	"	"		
4		1		Cl	Bn	"		
5		2		Col	Tm	"		
6				Pvt	Dbn/Bn	"		
7				"	Dbn/Bn	"		
8				"	"	"		
9			1P7	"	"	"		
0	008 010			"	"	"		
1				"	"	"		
2				"	"	"		
3				"	"	"		
4				"	"	"		
5				"	"	"		
6				"	"	"		
7				"	"	"		
8				"	"	"		
9	008 019	1	1P1	"	"	"		
0	008 020			Psl	Dbn/Bn	"		
1		1	2P1	"	"	"		
2			2P7	"	Dbn/Bn	"		
3			5P1	"	"	"		
4				"	"	"		
5				"	"	"		
6				"	"	"		
7				"	"	"		
8				Pvt	"	"		
9			1P1	"	"	"		
0	008 030		1P1	"	"	"		

TYPE

N = NO SAMPLE

S = SLUDGE

C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. 105008

DRILLING LOG SHEET

Q43% S

Ref	DEPTH	SAMPLE	TYPE	Au	ROCK TYPE	COLOR	DESCRIPTION	ALTERATION	REMARKS	COMMENTS
	TO	No.					OXID H ₂ O			
1		008 031			Pvt	OGre	F D			
2					"	"	"			
3			2	2PY	"	"	"			
4			20	5PY	"	"	"			
5			2	1PY	"	"	"			
6			10	2PY	"	"	"			
7			1	1PY	"	"	"			
8			1	1PY	"	"	"			
9			2	1PY	"	"	"			
0		008 040	3	1PY	"	"	"			
1			1	1PY	"	"	"			
2					"	"	"			
3					"	"	"			
4					"	"	"			
5					"	"	"			
6					"	"	"			
7					"	"	"			
8					"	"	"			
9					"	"	"			
0		008 050			"	"	"			
1			2	1PY	"	"	"			
2					"	"	"			
3					"	"	"			
4					"	"	"			
5					"	"	"			
6			1	1PY	"	"	"			
7			2	1PY	"	"	"			
8					"	"	"			
9			2		Pdz	DBra/Bra	"			
0		008 060		1PY	"	"	"			

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. I05008

DRILLING LOG SHEET

Q+3/6 S

Ref	DEPTH	SAMPLE	TYPE	Au	Co	ROCK TYPE	COLOR	DESCRIPTION	OXID	H ₂ O	ALTERATION	FABRIC	COMMENTS
104	TO	No.											
	1	008-061				Pdz	D Grn	F D					
	2					"	"	" "					
	3		1			"	"	" "					
	4					"	"	" "					
	5				1P4	"	"	" "					
	6		1			"	"	" "					
	7					"	"	" "					
	8					"	"	" "					
	9					"	"	" "					
	0	008-070				"	"	" "					
	1		1			"	"	" "					
	2		1			"	"	" "					
	3		1			"	"	" "					
	4		1		1P7	"	"	" "					
	5					"	"	" "					
	6					"	"	" "					
	7					"	"	" "					
	8					"	"	" "					
	9		2			"	"	" "					
	0	008-080				"	"	" "					
	1		1			"	"	" "					
	2					"	"	" "					
	3					"	"	" "					
	4		2			"	"	" "					
	5		1			"	"	" "					
	6		2			"	"	" "					
	7		1			"	"	" "					
	8					"	"	" "					
	9					"	"	" "					
	0	008-090				"	"	" "					

TYPE

N = NO SAMPLE

S = SLUDGE

C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. I.O.S. 003

DRILLING LOG SHEET

243% S

DEPTH TO	SAMPLE No.	TYPE	Au	Fe	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O ALTERATION	FEED	COMMENTS
1	008 091	5			Pdz	06ra	F D		
2		2			"	"	" "		
3		2			"	"	" "		
4					"	"	" "		
5					"	"	" "		
6		1			"	"	" "		
7					"	"	" "		
8					"	"	" "		
9					"	"	" "		
0	008 100	1			"	"	" "		
1									
2									
3									
4									
5									
6									
7									
8									
9									
0									
1									
2									
3									
4									
5									
6									
7									
8									
9									
0									

E O A

TYPE N = NO SAMPLE
 S = SLUDGE
 C = CONTAMINATED

NORTHERN GOLD N.L.

Drill Hole Data Sheet 1995

Hole No. IOS 009

Tenement 6200N

Co ordinates.....E

.....N

.....RL

Drill Hole Type RC

Drill Rig RCD150

Date Started 25 Oct

Collar Inclination -60

Sample Series: From IOS09001 To IOS09160

Water Flow.....

Prospect 6200N

Logged By Shuckster

Cross Section.....

Long Section.....

Completed / Abandoned

Driller JFF

Finished.....

Direction 90

Surveyed: Depth 50m Dip -52.5°

Depth 100m Dip -44°

Depth 159m Dip -40°

Depth.....Dip.....

Remarks.....

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NORTHERN GOLD N.L.

HOLE No. I05.009

DRILLING LOG SHEET

Q43% \$

REF DEPTH 10+ TO	SAMPLE No.	TYPE	Au g/t	ROCK TYPE	COLOUR	DESCRIPTION OXID H ₂ O ALTERATION	FAIR	COMMENTS
1	009 001	2		Soil	Brown	W D		
2		1		"	"	" "		
3				"	"	" "		
4		1		Coll Tan/br		" "		
5		1		"	"	" "		
6		2		Pvt Dbrn/br		" "		
7				"	"	" "		
8				"	"	" "		
9				PSI	"	" "		
0	009 010			"	"	" "		
1				Pvt	"	" "		
2				"	"	" "		
3				"	"	" "		
4				"	"	" "		
5				PSI	"	" "		
6		20		Pvt	"	" "		
7				"	"	" "		
8				"	"	" "		
9				"	"	" "		
0	009 020			"	"	T "		
1				"	"	" "		
2				"	"	" "		
3				"	"	" "		
4				"	"	" "		
5				"	Dbrn	" "		
6				"	"	" "		
7				"	Dbrn/oliv	" "		
8				"	Dbrn	" "		
9				"	Dbrn/oliv	" "		
0	009 030			"	"	" "		

TYPE

N = NO SAMPLE

S = SLUDGE

C = CONTAMINATED

cont?

NORTHERN GOLD N.L.

HOLE No. 10-009

DRILLING LOG SHEET

Q+3% ±

DEPTH TO	SAMPLE No.	TYPE	Rock TYPE	COLOUR	DESCRIPTION OXID H ₂ O ALTERATION	FAIRLY	COMMENTS
1	009 031	2	Pvt	06-10h	F D		
2			"	"	"		
3			"	"	"		
4		1P-1	"	"	"		
5		1P-1	"	"	"		
6		2	"	"	"		
7		2P-1	"	"	"		
8		2P-1	"	"	"		
9		2P-1	"	"	"		
0	009 040		"	"	"		
1		1P-1	"	"	"		
2		1P-1	"	"	"		
3		2	"	"	"		
4		1P-1	"	"	"		
5		1P-1	"	"	"		
6			"	D.6u	"		
7			"	"	"		
8		1P-1	"	"	"		
9			"	"	"		
0	009 050	1P-1	"	"	"		
1			"	"	"		
2			"	"	"		
3		1P-1	"	"	"		
4		1P-1	"	"	"		
5			Ps1?	"	"	Biotite?	
6			"	"	"	"	
7			Pvt	06u	"		
8		1P-1	"	"	"		
9			"	"	"		
0	009 060		"	"	"		

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. I05009

DRILLING LOG SHEET

Q43% S

Au	Ref	DEPTH	SAMPLE	TYPE	Au	ROLL	TYPE	COLOUR	DESCRIPTION	ALTERATION	FAIR	COMMENTS
104	104	TO	No.		104				OXID H ₂ O			
		1	009 061			Pvt		degngr	fr			
		2				"		"	"			
		3				"		"	"			
		4		3		"		degn	"			
		5				"		degn	"			
		6				"		"	"			
		7				"		"	"			
		8				"		"	"			
		9		1		"		"	"			
		0	009 070	3		"		"	"			
		1				"		"	"			
		2				"		degn	"			
		3				"		degn	"			Psl/P
		4				"		"	"			"
		5				Psl		degn	"			Pvt/P
		6				"		"	"			"
		7		1		"		"	"			
		8				"		"	"			
		9				Pvt		degn	"			Psl/P
		0	009 080			"		"	"			"
		1				"		"	"			
		2				"		"	"			
		3				"		"	"			
		4				"		"	"			
		5				"		"	"			
		6				"		"	"			
		7				"		"	"			
		8				Psl		degn	"			
		9				"		"	"			
		0	009 090	1		"		"	"			

TYPE
N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. *I-509*

DRILLING LOG SHEET

Qtz 3/6 S

Au	Ref	DEPTH	SAMPLE	TYPE	Au	Fe	ROCK TYPE	COLOR	DESCRIPTION	OXID	H ₂ O	ALTERATION	FAIRIL	COMMENTS
		TO	No.											
		9	1	10	1		Pt	dkgn	F					
		2			1		"	gn	"					Pt, 1/8
		3			1		Pt	gn	"					Pt, 1/8
		4			1		"	gn	"					"
		5			1		Pt	dkgn	"					
		6			1		"	"	"					
		7		3	1		"	"	"					
		8			1		"	"	"					
		9		10	2		"	"	"					
		10	100	3	1		"	"	"					
		1			1		"	"	"					
		2			1		"	"	"					
		3			1		Pt	dkgn	"					Pt, 1/8
		4			1		"	"	"					"
		5			1		"	dkgn	"					
		6			1		"	"	"					
		7			1		"	"	"					
		8			1		"	"	"					
		9			1		"	gn	"					
		10			1		"	"	"					
		1			1		"	"	"					
		2			1		"	"	"					
		3			1		"	"	"					
		4			1		"	"	"					
		5			1		"	"	"					
		6			1		"	"	"					
		7		1	1		"	"	"					
		8		2	1		Pt	dkgn	"					Pt, 1/8
		9		1	1		Pt	gn	"					
		10		3	1		Pt	dkgn	"					

TYPE

N = NO SAMPLE

S = SLUDGE

C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. I 05001

DRILLING LOG SHEET

Q+3% S

DEPTH TO	SAMPLE No.	TYPE	Au g/t	ROCK TYPE	COLOUR	DESCRIPTION OXID H ₂ O ALTERATION	FABRIC	COMMENTS
121	009121			Pd ₂	align	fr		
2				Pvt	"	"		
3				Pd ₂	align	"		
4				Pd ₂	align	"		Pvt if
5				Pd ₂	align	"	dry	
6				"	align	"		
7		15		"	align	"		
8		1		"	"	"		
9				"	"	"	dry	
130		8		"	align	"		
1		3		"	"	"		
2		1		"	"	"		
3				"	"	"		
4				"	"	"	Wet	
5		3		"	"	"	Damp	
6		6		"	"	"	Wet	
7		15		"	"	"	Damp	
8		10		"	"	"	"	
9		5		"	"	"	"	
140		5		"	"	"	"	
1		3		"	"	"	"	
2		5		"	"	"	Wet	
3		8		"	"	"	Wet	
4		5		"	"	"	Damp	
5		2		"	"	"	"	
6		20		"	"	"	"	
7		10		"	"	"	"	
8		5		"	"	"	Wet	
9		3		"	"	"	"	
150		2		"	"	"	"	

TYPE

N = NO SAMPLE

S = SLUDGE

C = CONTAMINATED

NORTHERN GOLD N.L.

6/6

HOLE No. Tor 00

DRILLING LOG SHEET

Q+3/6 S

TH	DEPTH 104 TO	SAMPLE No.	TYPE	GRAVITY	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O	WATER	REMARKS
	151	009151	1		Pd z	dk grey	A	Wet	
	2				"	"	"	"	
	3				"	"	"	"	
	4		1		"	"	"	"	
	5		1		"	"	"	"	
	6		1		"	"	"	"	
	7		1		"	"	"	"	
	8		1		"	"	"	"	
	9		5		"	"	"	"	
	160	009160	1		"	"	"	"	
	1								
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	0								
	1								
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	0								

TYPE

N = NO SAMPLE

S = SLUDGE

C = CONTAMINATED

NORTHERN GOLD N.L.

Drill Hole Data Sheet 1995

Hole No. IOS 010

Prospect 6200 N

Tenement 6200 N

Logged By Shuck

Co ordinates.....E

Cross Section.....

.....N

Long Section.....

.....RL

Drill Hole Type RC

Completed / Abandoned

Drill Rig RCD 150

Driller Jeff

Date Started 24 Oct

Finished 25 Oct

Collar Inclination -60

Direction 90°

Sample Series: From IOS 010 001 To IOS 010 140

Water Flow.....

Surveyed: Depth 50 m Dip 56°

Depth 100 m Dip 41° 70

Depth 135 m Dip 41° 30

Depth.....Dip.....

Remarks.....

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NORTHERN GOLD N.L.

HOLE No. F05 010

DRILLING LOG SHEET

At 3% S

DEPTH m TO	SAMPLE No.	TYPE	At 3% S	ROCK TYPE	COLOR & Q	DESCRIPTION OXID H ₂ O ALTERATION	FABRIC	COMMENTS
1	010-001			Soil	Brown	W D		
2				"	"	" "		
3				"	"	" "		
4				Col	Rd/Gre	S "		Coffee Rock?
5				Pvt	Dgre/oliv	" "		
6				"	"	" "		
7				"	"	" "		
8				"	"	" "		
9				"	"	" "		
0	010-010	1		"	"	" "		
1				Ps1	Gre/Bra	" "		
2				Pvt	Dgre/oliv	" "		
3				"	"	" "		
4				"	"	" "		
5				"	"	" "		
6				"	Braun/oliv	" "		
7			1P-1	"	Dgre/Bra	" "		
8				"	Dgre/oliv	" "		
9				"	Dgre/Bra	T "		
0	010-020			"	Dgre/oliv	" "		
1				"	"	" "		
2				"	"	" "		
3			1P-1	"	Dgre	R "		
4				"	"	" "		
5				"	"	" "		
6			1P-1	"	"	" "		
7			1P-1	"	"	" "		
8				"	"	" "		
9			1P-1	"	"	" "		
0	010-030			Ps1	Gre	" "		

TYPE

N = NO SAMPLE

S = SLUDGE

C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. *Das 010*

DRILLING LOG SHEET

Q+3% S

Au	DEPTH to TO	SAMPLE No.	TYPE	Au Co ₂	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O ALTERATION	FABRIC	COMMENTS
	1	<i>010 031</i>	<i>2</i>	<i>1P-1</i>	<i>Pvt</i>	<i>5</i>	<i>F D</i>		
	2			<i>1P-1</i>	<i>"</i>	<i>"</i>	<i>"</i>		
	3			<i>1P-1</i>	<i>"</i>	<i>"</i>	<i>"</i>		
	4		<i>2</i>	<i>1P-1</i>	<i>"</i>	<i>"</i>	<i>"</i>		
	5				<i>"</i>	<i>"</i>	<i>"</i>		
	6				<i>"</i>	<i>"</i>	<i>"</i>		
	7				<i>"</i>	<i>"</i>	<i>"</i>		
	8				<i>"</i>	<i>"</i>	<i>"</i>		
	9				<i>"</i>	<i>"</i>	<i>"</i>		
	0	<i>010 040</i>			<i>"</i>	<i>Dbre/oliv</i>	<i>"</i>		
	1			<i>1P-1</i>	<i>"</i>	<i>"</i>	<i>"</i>		
	2		<i>1</i>	<i>1P-1</i>	<i>"</i>	<i>"</i>	<i>"</i>		
	3			<i>1P-1</i>	<i>"</i>	<i>Dbre/oliv/ha</i>	<i>"</i>		
	4			<i>2P-1</i>	<i>"</i>	<i>"</i>	<i>"</i>		
	5			<i>5P-1</i>	<i>"</i>	<i>"</i>	<i>"</i>		
	6				<i>"</i>	<i>Dbre/oliv</i>	<i>"</i>		
	7				<i>"</i>	<i>"</i>	<i>"</i>		
	8			<i>1P-1</i>	<i>"</i>	<i>"</i>	<i>"</i>		
	9				<i>"</i>	<i>"</i>	<i>"</i>		
	0	<i>010 050</i>			<i>"</i>	<i>"</i>	<i>"</i>		
	1			<i>1P-1</i>	<i>"</i>	<i>Dbre/oliv/ha</i>	<i>"</i>		
	2			<i>1P-1</i>	<i>"</i>	<i>"</i>	<i>"</i>		
	3			<i>1P-1</i>	<i>"</i>	<i>"</i>	<i>"</i>		
	4				<i>PS</i>	<i>Gre/oliv</i>	<i>"</i>		
	5				<i>"</i>	<i>"</i>	<i>"</i>		
	6			<i>1P-1</i>	<i>"</i>	<i>"</i>	<i>"</i>		
	7		<i>1</i>	<i>1P-1</i>	<i>"</i>	<i>"</i>	<i>"</i>		
	8			<i>1P-1</i>	<i>"</i>	<i>"</i>	<i>"</i>		
	9			<i>1P-1</i>	<i>"</i>	<i>Dbre</i>	<i>"</i>		
	0	<i>010 060</i>			<i>Pvt</i>	<i>Dbre/oliv</i>	<i>"</i>		

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. I05010

DRILLING LOG SHEET

Q+3% S

Ref	DEPTH	SAMPLE	TYPE	Au	Ca	ROCK TYPE	COLOUR	DESCRIPTION	OXID	H2O	ALTERATION	FABRIC	COMMENTS
100	TO	No.											
	1	010 061		111		Pvt	D Gre	F D					
	2					"	D Gre/ls	" "					
	3					"	"	" "					
	4					"	D Gre	" "					
	5					"	"	" "					
	6					"	"	" "					10% Ps1
	7					"	"	" "					
	8		1			Ps1	"	" "					
	9					"	"	" "					
	0	010 070				"	"	" "					
	1					Pvt	Pvt/ls	" "					
	2					Ps1	D Gre	" "					
	3			IPY		"	"	" "					
	4			IPY		"	"	" "					
	5			IPY		Pvt	"	" "					
	6					Ps1	"	" "					
	7					"	"	" "					
	8		1			"	"	" "					
	9		2	IPY		"	"	" "					
	0	010 080	1	IPY		"	"	" "					
	1		1			"	"	" "					
	2					Pvt	"	" "					
	3					"	"	" "					
	4					"	"	" "					
	5					"	"	" "					
	6					"	"	" "					
	7					"	"	" "					
	8					"	"	" "					
	9					"	"	" "					
	0	010 090				"	"	" "					

TYPE N = NO SAMPLE
 S = SLUDGE
 C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. J05010

DRILLING LOG SHEET

Qtz% \$

Ref To	DEPTH TO	SAMPLE No.	TYPE	Au g/t	Rock TYPE	COLOUR	DESCRIPTION OXID H ₂ O ALTERATION	FABRIC	COMMENTS
	1	010 091	2	1PY	PV + Obv Oliv	F D			
	2		1		"	"	"	"	
	3				"	"	"	"	
	4				"	"	"	"	
	5				"	Obv/Bn	"	"	
	6		1		"	"	"	"	
	7				"	"	"	"	
	8				"	Obv/Bn	"	"	
	9				"	"	"	"	
	0	010 100			"	"	"	"	
	1		10		"	"	"	"	
	2		1		"	"	"	"	
	3		1		rdz	Green	"	"	
	4		5		"	"	"	"	
	5		1		"	"	"	"	
	6				"	Obv	"	"	
	7		5		"	"	"	"	
	8		1		"	"	"	"	
	9				"	"	"	"	
	0	010-110			"	"	"	"	
	1		50 2AP		"	"	"	"	
	2		1		"	"	"	"	
	3		410		"	"	"	"	
	4		2		"	"	"	"	
	5		40 2P1		"	"	"	"	
	6		1		"	"	"	"	
	7		2 1PY		"	"	"	"	
	8		5 1P1		"	"	"	"	
	9		2 1P1		"	"	"	"	
	0	010-120			"	"	"	"	

TYPE

N = NO SAMPLE

S = SLUDGE

C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. J05010

DRILLING LOG SHEET

Q43/6 S

REF DEPTH TO	SAMPLE No.	TYPE	Au G/g	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O ALTERATION	FACIL	COMMENTS
1	010 021			Pdz Grn	F D			
2		1		"	"	"		
3		1		"	D Grn	"		
4				"	"	"		
5				"	"	"		
6		5		"	"	"	M	
7		5		"	"	"	D	
8				"	"	"	"	
9				"	"	"	"	
0	010 130	5	IPY	"	"	"	"	
1		1		"	"	"	"	
2		2		"	"	"	"	
3		10		"	"	"	"	
4		5		"	"	"	"	
5		10		"	"	"	"	
6		5		"	"	"	"	
7		2		"	"	"	"	
8		2		"	"	"	"	
9		1		"	"	"	"	
0	010 040			"	"	"	"	
1								
2								
3								
4								
5								
6								
7								
8								
9								
0								

E0 H

TYPE

N = NO SAMPLE

S = SLUDGE

C = CONTAMINATED

NORTHERN GOLD N.L.

Drill Hole Data Sheet 1995

Hole No. Fos 011

Prospect Ias

Tenement SEL 9591

Logged By AS

Co ordinates 44680 E

Cross Section

62440 N

Long Section

.....RL

Drill Hole Type RL

Completed / Abandoned

Drill Rig RCD150

Driller Jeff/Gonzo

Date Started 27/10/96

Finished 28 Oct

Collar Inclination -60

Direction 090

Sample Series: From 001 To 120

Water Flow

Surveyed: Depth 40m Dip 520

Depth 80m Dip 460

Depth 117m Dip 450

Depth Dip

Remarks

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PIPED BY: AS

DATE DRILLED: 27/10/96

NORTHERN GOLD N.L.

DEPTH : 120
NORTHING : 62440
EASTING : 44680

PROJECT: EL 7769

HOLE No. TOS.011.

DRILLING LOG SHEET

AV.	DEPTH TO	SAMPLE No.	TYPE	ANALYSIS	ROCK TYPE	COLOUR	DESCRIPTION	ALTERATION	REMARKS	COMMENTS
	001	001			soil	gn br	Dr			
	2				"	"	"			
	3				lat	rd br	"			
	4				"	"	"			
	5		S		Pvt	gy rd br	"			lat / p
	6				"	gy	"			
	7				P3)	gy	"			
	8				"	"	"			
	9				P5)	gy br	"			Pvt. / p
	010	010			P5)	gy	"			"
	1				P5)	"	"			"
	2				Pvt	gn br	"			
	3				"	gn br	"			
	4				"	"	"			
	5				"	longn	"			
	6				"	gn br	"			
	7				"	gn gy	1/2			
	8				"	"	1/2			Pvt. / p
	9				"	gn ph	P5)			cherty
	020	020			"	dk gn gy	"			P5) / p
	1				"	dk gn	"			
	2				"	gn	"			
	3				"	gn	"			
	4				"	gn ph	"			cherty
	5				"	dk gn gy	"			
	6				"	"	"			
	7				"	"	"			
	8				"	"	"			
	9				"	"	"			
	030	030			"	"	"			

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. *I-9-11*

DRILLING LOG SHEET

Qtz 3/5

Au	Ref DEPTH 10-ft TO	SAMPLE No.	TYPE	Au Au _{eq}	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O ALTERATION	FAIR	COMMENTS
	03 1	031			Pt	dk grey	Fr		
	2				"	"	"		
	3				"	"	"		
	4				"	"	"		Pt, /P
	5				Pt	dk grey	"		Pt, /P
	6				"	"	"		"
	7				"	"	"		"
	8				"	dk grey	"		
	9				"	"	"		
	04 0	040			"	"	"		Pt, /P
	1				"	dk grey	"		"
	2				"	"	"		"
	3				Pt	dk grey	"		Pt, /P
	4				"	"	"		
	5				"	"	"		Pt, /P
	6				"	dk grey	"		
	7				"	"	"		
	8				"	"	"		
	9				"	dk grey	"		Pt, /P
	05 0	050			"	"	"		Pt, /P
	1				Pt	dk grey	"		Pt, /P
	2				Pt	dk grey	"		
	3				"	"	"		
	4				"	"	"		
	5				"	"	"		
	6				"	"	"		
	7				"	"	"		
	8				"	dk grey	"		Pt, /P
	9				Pt	dk grey	"		
	06 0	060			"	dk grey	"		Pt, /P

TYPE N = NO SAMPLE
 S = SLUDGE
 C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. I.O.S.O.1

DRILLING LOG SHEET

Q436 5

A-1	Ref DEPTH No. TO	SAMPLE No.	TYPE	A ₁ A ₂ A ₃ A ₄ A ₅ A ₆ A ₇ A ₈ A ₉ A ₁₀	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O ALTERATION	FABRIC	COMMENT
	061	061			Pvt	Dgre	F D		
	2		2	IPY	"	"	" "		
	3				"	"	" "		
	4				"	Dgre/bn	" "		
	5			SPY	"	"	" "		
	6		1	IPY	"	"	" "	SPOTTY	
	7				"	"	" "	SPOTTY	
	8				"	"	" "	"	
	9				"	Dgre/bn/bn	" "	"	
	070	070			"	"	" "	"	
	1				"	Dgre/bn	" "	"	
	2				"	"	" "	"	
	3		1		"	Dgre	F "		
	4				"	"	" "		
	5				"	"	" "		
	6				"	Dgre/bn	" "	Pdz?	
	7		50	SPY 2AP	Pdz?	"	" "		
	8		10	IPY IPY	"	"	" "		
	9		1		"	Dgre	" "		
	080	080			"	"	" "		
	1		5		"	"	" "		
	2				"	"	" "		
	3				"	"	" "		
	4		5		"	Dgre/bn	" "		
	5		20	2PY	"	"	" "		
	6		5	SPY 2AP	"	"	" "		
	7		5	20PY	"	"	" "		
	8		10	SPY 2AP	"	"	" "		
	9		2	2PY	"	"	" "		
	090	090	1	IPY	"	Dgre	" "		

TYPE N = NO SAMPLE
 S = SLUDGE
 C = CONTAMINATED

NORTHERN GOLD N.L.

4/4

HOLE No. *Fos!!*

DRILLING LOG SHEET

Qtz 1/2 S

DEPTH 100 TO	SAMPLE No.	TYPE	Rock TYPE	COLOUR	DESCRIPTION OXID H ₂ O INTERMED	FEEL	COMMENTS
91	001	5	PA	PdZ	DGrn/Pk	F D	
2		2		"	"	"	
3				"	DGrn	"	
4		1		"	"	"	
5		2		"	"	"	
6			IPY	"	"	"	
7			IPY	"	"	"	
8		1		"	"	"	
9		5		"	"	"	
100		5		"	"	"	
1		20	IPY	"	"	"	
2		1		"	"	"	
3				"	"	"	
4				"	"	"	
5				"	"	"	
6		5		"	"	"	
7		2		"	"	"	
8		2		"	"	"	
9		1		"	"	"	
10		1		"	"	"	
1		1		"	"	"	
2		2		"	"	"	
3		5		"	"	"	
4		2		"	"	"	
5		10		"	"	"	
6		5		"	"	"	
7		2		"	"	"	
8		2		"	DGrn/Pnk	"	Pnk min?
9		1		"	"	"	"
120				"	DGrn	"	

TYPE
 N = NO SAMPLE
 S = SLUDGE
 C = CONTAMINATED

EOH

APPENDIX 7

los Prospect Area First Phase RC Drilling Program Assay Results

Lithological Identification

SOIL	Soil
CLA	Clay
COL	Colluvium
LAT	Laterite
PVT	Tuff/Chert
PSL	Siltstone
PDZ	Zamu Dolerite/Gabbro

NOTE:- 'L' indicates that the element analysed was below detection

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS007	0	1	7001	0.01		LAT
IOS007	1	2	7002	L		LAT
IOS007	2	3	7003	L		LAT
IOS007	3	4	7004	L		PVT
IOS007	4	5	7005	L		PVT
IOS007	5	6	7006	L		PVT
IOS007	6	7	7007	L	L	PVT
IOS007	7	8	7008	L		PVT
IOS007	8	9	7009	L		PVT
IOS007	9	10	7010	L		PVT
IOS007	10	11	7011	L		PVT
IOS007	11	12	7012	L		PVT
IOS007	12	13	7013	0.01		PSL
IOS007	13	14	7014	L		PSL
IOS007	14	15	7015	L		PSL
IOS007	15	16	7016	L		PVT
IOS007	16	17	7017	L	L	PSL
IOS007	17	18	7018	L		PSL
IOS007	18	19	7019	L		PVT
IOS007	19	20	7020	L		PVT
IOS007	20	21	7021	L		PVT
IOS007	21	22	7022	L		PVT
IOS007	22	23	7023	L		PVT
IOS007	23	24	7024	L		PVT
IOS007	24	25	7025	0.01		PVT
IOS007	25	26	7026	L		PVT
IOS007	26	27	7027	0.01		PVT
IOS007	27	28	7028	L		PVT
IOS007	28	29	7029	L		PVT
IOS007	29	30	7030	L	L	PVT
IOS007	30	31	7031	L		PVT
IOS007	31	32	7032	L		PVT
IOS007	32	33	7033	L		PVT
IOS007	33	34	7034	L		PVT
IOS007	34	35	7035	L		PVT
IOS007	35	36	7036	L		PVT
IOS007	36	37	7037	L		PVT
IOS007	37	38	7038	L		PVT
IOS007	38	39	7039	L		PVT
IOS007	39	40	7040	L		PVT
IOS007	40	41	7041	L	L	PVT
IOS007	41	42	7042	L		PSL
IOS007	42	43	7043	L		PSL
IOS007	43	44	7044	L		PSL
IOS007	44	45	7045	0.01		PSL
IOS007	45	46	7046	L		PSL
IOS007	46	47	7047	L		PSL
IOS007	47	48	7048	L		PVT
IOS007	48	49	7049	L		PVT
IOS007	49	50	7050	L		PVT
IOS007	50	51	7051	L	L	PVT
IOS007	51	52	7052	0.01		PVT

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS007	52	53	7053	L		PVT
IOS007	53	54	7054	0.06	0.09	PVT
IOS007	54	55	7055	0.01		PVT
IOS007	55	56	7056	L		PVT
IOS007	56	57	7057	L		PSL
IOS007	57	58	7058	L	L	PVT
IOS007	58	59	7059	0.02		PVT
IOS007	59	60	7060	L		PSL
IOS007	60	61	7061	0.01		PVT
IOS007	61	62	7062	0.01		PVT
IOS007	62	63	7063	0.02		PVT
IOS007	63	64	7064	L		PVT
IOS007	64	65	7065	0.02		PVT
IOS007	65	66	7066	0.03		PVT
IOS007	66	67	7067	0.01		PVT
IOS007	67	68	7068	L		PVT
IOS007	68	69	7069	0.04	0.02	PVT
IOS007	69	70	7070	L		PVT
IOS007	70	71	7071	0.07		PVT
IOS007	71	72	7072	L		PVT
IOS007	72	73	7073	L		PVT
IOS007	73	74	7074	0.04		PVT
IOS007	74	75	7075	L		PVT
IOS007	75	76	7076	0.01		PVT
IOS007	76	77	7077	0.05		PVT
IOS007	77	78	7078	0.44	0.47	PDZ
IOS007	78	79	7079	2.62	0.69	PDZ
IOS007	79	80	7080	0.06		PDZ
IOS007	80	81	7081	0.1	0.07	PDZ
IOS007	81	82	7082	0.05		PDZ
IOS007	82	83	7083	0.21		PDZ
IOS007	83	84	7084	0.04		PDZ
IOS007	84	85	7085	0.01		PDZ
IOS007	85	86	7086	L		PDZ
IOS007	86	87	7087	1.83	0.84	PDZ
IOS007	87	88	7088	1.02	0.01	PDZ
IOS007	88	89	7089	1.94	0.91	PDZ
IOS007	89	90	7090	0.17		PDZ
IOS007	90	91	7091	L		PDZ
IOS007	91	92	7092	0.06		PDZ
IOS007	92	93	7093	0.01		PDZ
IOS007	93	94	7094	0.02		PDZ
IOS007	94	95	7095	L		PDZ
IOS007	95	96	7096	L		PDZ
IOS007	96	97	7097	L		PDZ
IOS007	97	98	7098	L		PDZ
IOS007	98	99	7099	L		PDZ
IOS007	99	100	7100	L	L	PDZ
IOS007	100	101	7101	L		PDZ
IOS007	101	102	7102	0.01		PDZ
IOS007	102	103	7103	L		PDZ
IOS007	103	104	7104	L		PDZ

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS007	104	105	7105	L		PDZ
IOS007	105	106	7106	L	L	PDZ
IOS007	106	107	7107	L		PDZ
IOS007	107	108	7108	L		PDZ
IOS007	108	109	7109	0.07		PDZ
IOS007	109	110	7110	0.13	0.16	PDZ
IOS007	110	111	7111	0.05		PDZ
IOS007	111	112	7112	L		PDZ
IOS007	112	113	7113	L		PDZ
IOS007	113	114	7114	L		PDZ
IOS007	114	115	7115	L	L	PDZ
IOS007	115	116	7116	L		PDZ
IOS007	116	117	7117	L	L	PDZ
IOS007	117	118	7118	L		PDZ
IOS007	118	119	7119	L		PDZ
IOS007	119	120	7120	0.02		PDZ
IOS008	0	1	8001	0.02		CLA
IOS008	1	2	8002	0.01		CLA
IOS008	2	3	8003	0.03	0.02	CLA
IOS008	3	4	8004	L		CLA
IOS008	4	5	8005	0.03		COL
IOS008	5	6	8006	0.02		PVT
IOS008	6	7	8007	0.01		PVT
IOS008	7	8	8008	0.02		PVT
IOS008	8	9	8009	0.01		PVT
IOS008	9	10	8010	0.02		PVT
IOS008	10	11	8011	0.01		PVT
IOS008	11	12	8012	L		PVT
IOS008	12	13	8013	0.03		PVT
IOS008	13	14	8014	L		PVT
IOS008	14	15	8015	0.02		PVT
IOS008	15	16	8016	0.01		PVT
IOS008	16	17	8017	L		PVT
IOS008	17	18	8018	L	0.01	PVT
IOS008	18	19	8019	L		PVT
IOS008	19	20	8020	0.01		PSL
IOS008	20	21	8021	0.02		PSL
IOS008	21	22	8022	0.02		PSL
IOS008	22	23	8023	0.01		PSL
IOS008	23	24	8024	L		PSL
IOS008	24	25	8025	L		PSL
IOS008	25	26	8026	L		PSL
IOS008	26	27	8027	L		PVT
IOS008	27	28	8028	L		PVT
IOS008	28	29	8029	0.02		PVT
IOS008	29	30	8030	0.01		PVT
IOS008	30	31	8031	0.01	0.01	PVT
IOS008	31	32	8032	0.01		PVT
IOS008	32	33	8033	0.01		PVT
IOS008	33	34	8034	0.09	0.06	PVT
IOS008	34	35	8035	0.04		PVT
IOS008	35	36	8036	0.05		PVT

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS008	36	37	8037	0.03		PVT
IOS008	37	38	8038	0.04	0.04	PVT
IOS008	38	39	8039	0.05		PVT
IOS008	39	40	8040	0.04		PVT
IOS008	40	41	8041	0.02		PVT
IOS008	41	42	8042	0.03		PVT
IOS008	42	43	8043	0.03		PVT
IOS008	43	44	8044	0.02		PVT
IOS008	44	45	8045	0.01		PVT
IOS008	45	46	8046	0.01		PVT
IOS008	46	47	8047	0.01		PVT
IOS008	47	48	8048	0.04		PVT
IOS008	48	49	8049	0.13		PVT
IOS008	49	50	8050	0.04		PVT
IOS008	50	51	8051	0.02		PVT
IOS008	51	52	8052	0.05		PVT
IOS008	52	53	8053	0.03		PVT
IOS008	53	54	8054	0.03		PVT
IOS008	54	55	8055	0.05		PVT
IOS008	55	56	8056	0.03		PVT
IOS008	56	57	8057	0.19		PVT
IOS008	57	58	8058	0.41	0.44	PVT
IOS008	58	59	8059	0.14	0.12	PDZ
IOS008	59	60	8060	3.98	0.19	PDZ
IOS008	60	61	8061	0.14		PDZ
IOS008	61	62	8062	0.09	0.09	PDZ
IOS008	62	63	8063	0.03		PDZ
IOS008	63	64	8064	0.01		PDZ
IOS008	64	65	8065	0.02		PDZ
IOS008	65	66	8066	0.03		PDZ
IOS008	66	67	8067	L		PDZ
IOS008	67	68	8068	0.01		PDZ
IOS008	68	69	8069	0.04		PDZ
IOS008	69	70	8070	0.07		PDZ
IOS008	70	71	8071	5.67	0.93	PDZ
IOS008	71	72	8072	0.25		PDZ
IOS008	72	73	8073	0.35		PDZ
IOS008	73	74	8074	0.14	0.15	PDZ
IOS008	74	75	8075	0.04		PDZ
IOS008	75	76	8076	0.01	L	PDZ
IOS008	76	77	8077	0.06		PDZ
IOS008	77	78	8078	0.06		PDZ
IOS008	78	79	8079	0.05		PDZ
IOS008	79	80	8080	0.04		PDZ
IOS008	80	81	8081	0.1		PDZ
IOS008	81	82	8082	0.02		PDZ
IOS008	82	83	8083	0.04		PDZ
IOS008	83	84	8084	0.05	0.04	PDZ
IOS008	84	85	8085	L	0.01	PDZ
IOS008	85	86	8086	0.05		PDZ
IOS008	86	87	8087	0.05		PDZ
IOS008	87	88	8088	L	L	PDZ

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS008	88	89	8089	L		PDZ
IOS008	89	90	8090	0.03		PDZ
IOS008	90	91	8091	L		PDZ
IOS008	91	92	8092	0.01		PDZ
IOS008	92	93	8093	0.04		PDZ
IOS008	93	94	8094	L		PDZ
IOS008	94	95	8095	L		PDZ
IOS008	95	96	8096	L	L	PDZ
IOS008	96	97	8097	L	L	PDZ
IOS008	97	98	8098	0.01		PDZ
IOS008	98	99	8099	0.01		PDZ
IOS008	99	100	8100	L	L	PDZ
IOS009	0	1	9001	L		SOIL
IOS009	1	2	9001	0.02	0.03	SOIL
IOS009	2	3	9002	L		SOIL
IOS009	3	4	9003	L		COLL
IOS009	4	5	9004	L		COLL
IOS009	5	6	9005	L		PVT
IOS009	6	7	9006	L		PVT
IOS009	7	8	9007	L		PVT
IOS009	8	9	9008	L		PSL
IOS009	9	10	9009	L		PSL
IOS009	10	11	9010	L	L	PVT
IOS009	11	12	9011	L		PVT
IOS009	12	13	9012	L		PVT
IOS009	13	14	9013	L		PVT
IOS009	14	15	9014	L		PSL
IOS009	15	16	9015	L		PVT
IOS009	16	17	9016	0.02		PVT
IOS009	17	18	9017	L		PVT
IOS009	18	19	9018	L		PVT
IOS009	19	20	9019	L	L	PVT
IOS009	20	21	9020	L		PVT
IOS009	21	22	9021	L		PVT
IOS009	22	23	9022	L		PVT
IOS009	23	24	9023	L		PVT
IOS009	24	25	9024	L		PVT
IOS009	25	26	9025	L	L	PVT
IOS009	26	27	9026	L		PVT
IOS009	27	28	9027	L		PVT
IOS009	28	29	9028	L		PVT
IOS009	29	30	9029	L		PVT
IOS009	30	31	9030	L		PVT
IOS009	31	32	9031	L		PVT
IOS009	32	33	9032	L		PVT
IOS009	33	34	9033	L	L	PVT
IOS009	34	35	9034	L		PVT
IOS009	35	36	9035	L		PVT
IOS009	36	37	9036	L		PVT
IOS009	37	38	9037	L		PVT
IOS009	38	39	9038	L		PVT
IOS009	39	40	9039	L		PVT

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS009	40	41	9040	L		PVT
IOS009	41	42	9041	L		PVT
IOS009	42	43	9042	L		PVT
IOS009	43	44	9043	L		PVT
IOS009	44	45	9044	L		PVT
IOS009	45	46	9045	0.01		PVT
IOS009	46	47	9046	L		PVT
IOS009	47	48	9047	0.01		PVT
IOS009	48	49	9048	0.02		PVT
IOS009	49	50	9049	0.05		PVT
IOS009	50	51	9050	0.03		PVT
IOS009	51	52	9051	0.02		PVT
IOS009	52	53	9052	0.01		PVT
IOS009	53	54	9053	0.02		PVT
IOS009	54	55	9054	0.05		PSL
IOS009	55	56	9055	L		PSL
IOS009	56	57	9056	L		PVT
IOS009	57	58	9057	0.01		PVT
IOS009	58	59	9058	L		PVT
IOS009	59	60	9059	0.01		PVT
IOS009	60	61	9060	L		PVT
IOS009	61	62	9061	L		PVT
IOS009	62	63	9062	0.01		PVT
IOS009	63	64	9063	L		PVT
IOS009	64	65	9064	L	L	PVT
IOS009	65	66	9065	L		PVT
IOS009	66	67	9066	L		PVT
IOS009	67	68	9067	L		PVT
IOS009	68	69	9068	L		PVT
IOS009	69	70	9069	L		PVT
IOS009	70	71	9070	L		PVT
IOS009	71	72	9071	L		PVT
IOS009	72	73	9072	L		PVT
IOS009	73	74	9073	L		PVT
IOS009	74	75	9074	L	L	PSL
IOS009	75	76	9075	L		PSL
IOS009	76	77	9076	L		PSL
IOS009	77	78	9077	0.03		PSL
IOS009	78	79	9078	0.03	0.03	PVT
IOS009	79	80	9079	L		PVT
IOS009	80	81	9080	0.01		PVT
IOS009	81	82	9081	L		PVT
IOS009	82	83	9082	0.03	0.02	PVT
IOS009	83	84	9083	0.02		PVT
IOS009	84	85	9084	L	L	PVT
IOS009	85	86	9085	0.03		PVT
IOS009	86	87	9086	0.03		PVT
IOS009	87	88	9087	0.02		PSL
IOS009	88	89	9088	0.07		PSL
IOS009	89	90	9089	0.11		PSL
IOS009	90	91	9090	0.05		PSL
IOS009	91	92	9091	0.01		PSL

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS009	92	93	9092	L		PVT
IOS009	93	94	9093	L		PVT
IOS009	94	95	9094	0.01		PSL
IOS009	95	96	9095	L		PSL
IOS009	96	97	9096	L		PSL
IOS009	97	98	9097	L		PSL
IOS009	98	99	9098	0.04		PSL
IOS009	99	100	9099	0.11		PSL
IOS009	100	101	9100	0.07		PSL
IOS009	101	102	9101	0.3		PSL
IOS009	102	103	9102	0.13		PVT
IOS009	103	104	9103	0.04		PVT
IOS009	104	105	9104	0.03		PVT
IOS009	105	106	9105	0.55	0.57	PVT
IOS009	106	107	9106	0.11		PVT
IOS009	107	108	9107	0.09		PVT
IOS009	108	109	9108	0.21		PVT
IOS009	109	110	9109	0.19		PVT
IOS009	110	111	9110	0.74		PVT
IOS009	111	112	9111	0.05		PVT
IOS009	112	113	9112	0.02		PVT
IOS009	113	114	9113	0.05		PVT
IOS009	114	115	9114	0.05		PVT
IOS009	115	116	9115	0.07		PVT
IOS009	116	117	9116	0.2		PVT
IOS009	117	118	9117	0.7		PDZ
IOS009	118	119	9118	0.28		PVT
IOS009	119	120	9119	0.08		PDZ
IOS009	120	121	9120	0.04	0.02	PDZ
IOS009	121	122	9121	0.05		PVT
IOS009	122	123	9122	0.04		PDZ
IOS009	123	124	9123	0.1		PSL
IOS009	124	125	9124	0.02		PDZ
IOS009	125	126	9125	0.08		PDZ
IOS009	126	127	9126	1.49	0.82	PDZ
IOS009	127	128	9127	0.87		PDZ
IOS009	128	129	9128	0.51		PDZ
IOS009	129	130	9129	3.92	0.57	PDZ
IOS009	130	131	9130	7.6	0.72	PDZ
IOS009	131	132	9131	2.92	0.52	PDZ
IOS009	132	133	9132	4.53	0.01	PDZ
IOS009	133	134	9133	0.79	0.69	PDZ
IOS009	134	135	9134	0.56		PDZ
IOS009	135	136	9135	0.07		PDZ
IOS009	136	137	9136	0.08		PDZ
IOS009	137	138	9137	0.04	0.05	PDZ
IOS009	138	139	9138	0.1		PDZ
IOS009	139	140	9139	0.08		PDZ
IOS009	140	141	9140	0.51	0.58	PDZ
IOS009	141	142	9141	0.15		PDZ
IOS009	142	143	9142	0.39		PDZ
IOS009	143	144	9143	0.13		PDZ

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS009	144	145	9144	0.07		PDZ
IOS009	145	146	9145	0.08	0.11	PDZ
IOS009	146	147	9146	0.08		PDZ
IOS009	147	148	9147	0.06		PDZ
IOS009	148	149	9148	0.1		PDZ
IOS009	149	150	9149	0.03		PDZ
IOS009	150	151	9150	0.02		PDZ
IOS009	151	152	9151	0.02		PDZ
IOS009	152	153	9152	L		PDZ
IOS009	153	154	9153	0.02		PDZ
IOS009	154	155	9154	0.03		PDZ
IOS009	155	156	9155	0.07		PDZ
IOS009	156	157	9156	0.23		PDZ
IOS009	157	158	9157	0.02		PDZ
IOS009	158	159	9158	0.05		PDZ
IOS009	159	160	9159	0.08		PDZ
IOS010	0	1	10001	L		PVT
IOS010	1	2	10002	L		PVT
IOS010	2	3	10003	L		PVT
IOS010	3	4	10004	L		PVT
IOS010	4	5	10005	L		PVT
IOS010	5	6	10006	L		PVT
IOS010	6	7	10007	L		PVT
IOS010	7	8	10008	L		PVT
IOS010	8	9	10009	L	L	PVT
IOS010	9	10	10010	L		PVT
IOS010	10	11	10011	L		PVT
IOS010	11	12	10012	L		PVT
IOS010	12	13	10013	L		PVT
IOS010	13	14	10014	L		PVT
IOS010	14	15	10015	L		PVT
IOS010	15	16	10016	L		PVT
IOS010	16	17	10017	L		PVT
IOS010	17	18	10018	L		PVT
IOS010	18	19	10019	L		PVT
IOS010	19	20	10020	L		PVT
IOS010	20	21	10021	L		PVT
IOS010	21	22	10022	L	L	PVT
IOS010	22	23	10023	L		PVT
IOS010	23	24	10024	L		PVT
IOS010	24	25	10025	L		PVT
IOS010	25	26	10026	L		PVT
IOS010	26	27	10027	L		PVT
IOS010	27	28	10028	L		PVT
IOS010	28	29	10029	L	L	PVT
IOS010	29	30	10030	L		PVT
IOS010	30	31	10031	L		PVT
IOS010	31	32	10032	L		PVT
IOS010	32	33	10033	L		PVT
IOS010	33	34	10034	L		PVT
IOS010	34	35	10035	L	L	PVT
IOS010	35	36	10036	L		PVT

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS010	36	37	10037	L		PVT
IOS010	37	38	10038	L		PVT
IOS010	38	39	10039	L		PVT
IOS010	39	40	10040	L		PVT
IOS010	40	41	10041	L		PVT
IOS010	41	42	10042	L		PVT
IOS010	42	43	10043	L		PVT
IOS010	43	44	10044	L		PVT
IOS010	44	45	10045	0.04		PVT
IOS010	45	46	10046	L	L	PVT
IOS010	46	47	10047	0.05		PVT
IOS010	47	48	10048	0.04		PVT
IOS010	48	49	10049	L		PVT
IOS010	49	50	10050	L		PVT
IOS010	50	51	10051	L		PVT
IOS010	51	52	10052	0.18		PVT
IOS010	52	53	10053	0.09		PVT
IOS010	53	54	10054	0.05		PVT
IOS010	54	55	10055	L		PVT
IOS010	55	56	10056	L		PVT
IOS010	56	57	10057	L		PVT
IOS010	57	58	10058	0.02		PVT
IOS010	58	59	10059	0.04		PVT
IOS010	59	60	10060	L	L	PVT
IOS010	60	61	10061	L	L	PVT
IOS010	61	62	10062	0.02		PVT
IOS010	62	63	10063	0.02		PVT
IOS010	63	64	10064	L	L	PVT
IOS010	64	65	10065	L		PVT
IOS010	65	66	10066	L		PVT
IOS010	66	67	10067	0.02	0.02	PVT
IOS010	67	68	10068	0.3		PVT
IOS010	68	69	10069	0.02		PVT
IOS010	69	70	10070	0.02		PVT
IOS010	70	71	10071	0.05		PVT
IOS010	71	72	10072	0.1		PVT
IOS010	72	73	10073	0.07		PVT
IOS010	73	74	10074	L		PVT
IOS010	74	75	10075	L	L	PVT
IOS010	75	76	10076	L	L	PVT
IOS010	76	77	10077	0.02		PVT
IOS010	77	78	10078	L		PVT
IOS010	78	79	10079	0.09		PVT
IOS010	79	80	10080	L		PVT
IOS010	80	81	10081	L	L	PVT
IOS010	81	82	10082	L		PVT
IOS010	82	83	10083	L		PVT
IOS010	83	84	10084	L		PVT
IOS010	84	85	10085	L		PVT
IOS010	85	86	10086	L		PVT
IOS010	86	87	10087	L		PVT
IOS010	87	88	10088	L		PVT

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS010	88	89	10089	L		PVT
IOS010	89	90	10090	L		PVT
IOS010	90	91	10091	L		PVT
IOS010	91	92	10092	L		PVT
IOS010	92	93	10093	L	L	PVT
IOS010	93	94	10094	L		PVT
IOS010	94	95	10095	L		PVT
IOS010	95	96	10096	L		PVT
IOS010	96	97	10097	0.11	0.1	PVT
IOS010	97	98	10098	L		PVT
IOS010	98	99	10099	L		PVT
IOS010	99	100	10100	L		PVT
IOS010	100	101	10101	0.11	0.16	PVT
IOS010	101	102	10102	L		PVT
IOS010	102	103	10103	0.09		PVT
IOS010	103	104	10104	L		PVT
IOS010	104	105	10105	L		PVT
IOS010	105	106	10106	L		PVT
IOS010	106	107	10107	L		PVT
IOS010	107	108	10108	L		PVT
IOS010	108	109	10109	L		PVT
IOS010	109	110	10110	L		PVT
IOS010	110	111	10111	L		PVT
IOS010	111	112	10112	L		PVT
IOS010	112	113	10113	L		PDZ
IOS010	113	114	10114	L		PDZ
IOS010	114	115	10115	0.04	0.04	PDZ
IOS010	115	116	10116	L	L	PDZ
IOS010	116	117	10117	L		PDZ
IOS010	117	118	10118	L		PDZ
IOS010	118	119	10119	L		PDZ
IOS010	119	120	10120	L		PDZ
IOS010	120	121	10121	L		PDZ
IOS010	121	122	10122	0.19	0.16	PDZ
IOS010	122	123	10123	0.07	0.08	PDZ
IOS010	123	124	10124	L		PDZ
IOS010	124	125	10125	L	L	PDZ
IOS010	125	126	10126	0.13		PDZ
IOS010	126	127	10127	0.05		PDZ
IOS010	127	128	10128	0.04		PDZ
IOS010	128	129	10129	0.1		PDZ
IOS010	129	130	10130	0.13	0.2	PDZ
IOS010	130	131	10131	0.04		PDZ
IOS010	131	132	10132	0.06		PDZ
IOS010	132	133	10133	0.04		PDZ
IOS010	133	134	10134	0.06	0.09	PDZ
IOS010	134	135	10135	0.06		PDZ
IOS010	135	136	10136	L		PDZ
IOS010	136	137	10137	L		PDZ
IOS010	137	138	10138	L		PDZ
IOS010	138	139	10139	L		PDZ
IOS010	139	140	10140	L		PDZ

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS011	0	1	11001	0.02		SOIL
IOS011	1	2	11002	0.01		SOIL
IOS011	2	3	11003	L		LAT
IOS011	3	4	11004	0.02		LAT
IOS011	4	5	11005	0.02		PVT
IOS011	5	6	11006	0.06		PVT
IOS011	6	7	11007	L		PSL
IOS011	7	8	11008	L		PSL
IOS011	8	9	11009	0.02		PSL
IOS011	9	10	11010	L		PSL
IOS011	10	11	11011	L		PSL
IOS011	11	12	11012	0.02		PVT
IOS011	12	13	11013	0.02		PVT
IOS011	13	14	11014	0.03		PVT
IOS011	14	15	11015	L		PVT
IOS011	15	16	11016	0.04		PVT
IOS011	16	17	11017	L		PVT
IOS011	17	18	11018	L		PVT
IOS011	18	19	11019	L		PVT
IOS011	19	20	11020	0.02		PVT
IOS011	20	21	11021	L		PVT
IOS011	21	22	11022	0.05		PVT
IOS011	22	23	11023	0.02		PVT
IOS011	23	24	11024	L		PVT
IOS011	24	25	11025	L		PVT
IOS011	25	26	11026	L		PVT
IOS011	26	27	11027	0.03	0.02	PVT
IOS011	27	28	11028	0.03	0.05	PVT
IOS011	28	29	11029	L		PVT
IOS011	29	30	11030	0.02		PVT
IOS011	30	31	11031	L		PVT
IOS011	31	32	11032	L		PVT
IOS011	32	33	11033	0.02		PVT
IOS011	33	34	11034	L		PVT
IOS011	34	35	11035	L		PVT
IOS011	35	36	11036	0.02		PSL
IOS011	36	37	11037	0.03		PSL
IOS011	37	38	11038	L		PSL
IOS011	38	39	11039	0.02		PSL
IOS011	39	40	11040	0.06		PSL
IOS011	40	41	11041	0.01		PSL
IOS011	41	42	11042	0.66		PSL
IOS011	42	43	11043	0.02		PVT
IOS011	43	44	11044	0.02		PVT
IOS011	44	45	11045	L		PVT
IOS011	45	46	11046	L		PVT
IOS011	46	47	11047	0.02		PVT
IOS011	47	48	11048	0.06		PVT
IOS011	48	49	11049	0.11	0.08	PVT
IOS011	49	50	11050	L		PVT
IOS011	50	51	11051	L		PSL
IOS011	51	52	11052	0.06		PSL

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS011	52	53	11053	0.05		PSL
IOS011	53	54	11054	0.18	0.1	PSL
IOS011	54	55	11055	0.05		PSL
IOS011	55	56	11056	0.06		PSL
IOS011	56	57	11057	L		PSL
IOS011	57	58	11058	L		PSL
IOS011	58	59	11059	0.1		PVT
IOS011	59	60	11060	0.2		PVT
IOS011	60	61	11061	0.1		PVT
IOS011	61	62	11062	0.05		PVT
IOS011	62	63	11063	0.02		PVT
IOS011	63	64	11064	L		PVT
IOS011	64	65	11065	2.97	0.47	PVT
IOS011	65	66	11066	0.67	0.76	PVT
IOS011	66	67	11067	0.14		PVT
IOS011	67	68	11068	0.19		PVT
IOS011	68	69	11069	0.02		PVT
IOS011	69	70	11070	0.02		PVT
IOS011	70	71	11071	0.01		PVT
IOS011	71	72	11072	L		PVT
IOS011	72	73	11073	0.02		PVT
IOS011	73	74	11074	L		PVT
IOS011	74	75	11075	0.02	0.03	PVT
IOS011	75	76	11076	0.28	0.31	PVT
IOS011	76	77	11077	1.94	0.87	PDZ
IOS011	77	78	11078	0.13		PDZ
IOS011	78	79	11079	0.59		PDZ
IOS011	79	80	11080	0.12		PDZ
IOS011	80	81	11081	0.68		PDZ
IOS011	81	82	11082	0.44		PDZ
IOS011	82	83	11083	0.97	0.01	PDZ
IOS011	83	84	11084	0.53		PDZ
IOS011	84	85	11085	2.36	0.11	PDZ
IOS011	85	86	11086	1.53	0.52	PDZ
IOS011	86	87	11087	1.32	0.51	PDZ
IOS011	87	88	11088	9.3	0.78	PDZ
IOS011	88	89	11089	0.12		PDZ
IOS011	89	90	11090	0.05		PDZ
IOS011	90	91	11091	0.06		PDZ
IOS011	91	92	11092	0.27		PDZ
IOS011	92	93	11093	0.18		PDZ
IOS011	93	94	11094	0.02		PDZ
IOS011	94	95	11095	0.07	0.05	PDZ
IOS011	95	96	11096	0.03		PDZ
IOS011	96	97	11097	0.04		PDZ
IOS011	97	98	11098	L		PDZ
IOS011	98	99	11099	0.04		PDZ
IOS011	99	100	11100	0.09		PDZ
IOS011	100	101	11101	0.06		PDZ
IOS011	101	102	11102	0.18		PDZ
IOS011	102	103	11103	0.05		PDZ
IOS011	103	104	11104	0.03		PDZ

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS011	104	105	11105	0.02		PDZ
IOS011	105	106	11106	L		PDZ
IOS011	106	107	11107	L		PDZ
IOS011	107	108	11108	L		PDZ
IOS011	108	109	11109	0.03		PDZ
IOS011	109	110	11110	0.02		PDZ
IOS011	110	111	11111	0.01		PDZ
IOS011	111	112	11112	0.06		PDZ
IOS011	112	113	11113	L		PDZ
IOS011	113	114	11114	L		PDZ
IOS011	114	115	11115	0.03		PDZ
IOS011	115	116	11116	L		PDZ
IOS011	116	117	11117	L		PDZ
IOS011	117	118	11118	0.03		PDZ
IOS011	118	119	11119	L	L	PDZ
IOS011	119	120	11120	0.02		PDZ

APPENDIX 8

los Prospect Area Second Phase RC Drilling Program Drill Logs

Lithological Identification

SOIL

Soil

CLA

Clay

COL

Colluvium

LAT

Laterite

PVT

Tuff/Chert

PSL

Siltstone

PDZ

Zamu Dolerite/Gabbro

PGT

Greywacke

NORTHERN GOLD N.L.

Drill Hole Data Sheet 1995

Hole No. I 05 0041

Tenement SEL 9591

Co ordinates 414700 E

62260 N

- RL

Drill Hole Type RC

Drill Rig RC D 150

Date Started 1 Nov 96

Collar Inclination -60

Sample Series: From 004/001 To 004/100

Water Flow.....

Prospect I 05 C 6200 N

Logged By Shuckster

Cross Section -

Long Section -

Completed / Abandoned

Driller Jeff Bonney

Finished 1 Nov 96

Direction 90

Surveyed: Depth 30 m Dip 40° NE

Depth 60 m Dip 44°

Depth 99 m Dip 40°

Depth.....Dip.....

Remarks.....

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NORTHERN GOLD N.L.

HOLE No. J. 05004

DRILLING LOG SHEET

Q43% S

DEPTH 10m TO	SAMPLE No.	TYPE	Au g/t	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O ALTERATION	FABRIC	COMMENTS
1	0041-001	1		Cl	Gr/Bn	W D		
2				"	"	" "		
3				Lat	Rt/Bn	" "		
4				Pvt	Gr/Bn	" "		
5				Cl	Gr	" "		
6				Pvt	DGr/Bn	" "		
7				"	"	" "		
8				"	DGr/oliv	" "		
9				"	"	" "		
0	0041-010			"	"	" "		
1				"	"	" "		
2				"	DGr/Bn	T		
3				"	"	" "		
4				"	"	" "		
5				"	"	" "		
6				"	"	" "		
7				"	DGr	" "		
8				"	"	F		
9				"	"	" "		
0	0041-020			"	"	" "		
1				"	"	" "		
2				"	"	" "		
3			1P-1	"	"	" "		
4			1P-1	Psl	"	" "		
5			2P-1	"	"	" "		
6				"	"	" "		
7			1P-1	"	"	" "		
8				"	"	" "		
9				"	"	" "		
0	0041-030			"	"	" "		

TYPE

N = NO SAMPLE

S = SLUDGE

C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. I050041

DRILLING LOG SHEET

DEPTH		SAMPLE No.	TYPE	Au _g	ROCK TYPE	COLOR	DESCRIPTION		FUEL	COMMENTS
From	To						Oxide	H ₂ O		
	1	0041031			Pvt	Dbr	F	D		
	2				"	"	"	S		
	3				"	"	"	S		
	4				"	"	"	S		
	5				"	"	"	S		
	6				"	"	"	S		
	7		1 RP-1		"	"	"	S		
	8		1 IP-1		"	"	"	S		
	9				"	"	"	S		
	0	0041040			PSI	"	"	S		
	1				"	"	"	S		
	2				"	"	"	S		
	3				"	"	"	S		
	4				"	"	"	S		
	5		2 IP-1		"	"	"	S		
	6		IP-1		"	"	"	S		
	7				Pvt	Dbr	"	S		
	8		IP-1		PSI	"	"	S		
	9				"	"	"	S		
	0	0041050			"	"	"	S		
	1				"	"	"	S		
	2		1 IP-1		Pvt	"	"	S		
	3				"	"	"	S		
	4		1		"	"	"	S		
	5				"	Dbr/ls	"	S		
	6				"	"	"	S		Spot
	7				"	"	"	S		
	8				"	"	"	S		
	9				"	"	"	S		
	0	0041060			"	"	"	S		

TYPE N = NO SAMPLE
 S = SLUDGE
 C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. *105004*

DRILLING LOG SHEET

Qtz 3/5 S

Ref	DEPTH	SAMPLE	TYPE	Au	Fe	ROCK TYPE	COLOR	DESCRIPTION	ALTERATION	REMARKS
104	TO	No.						OXID H2O		COMMENTS
	1	0041061	2			Pdz	DGve	F D		
	2		1			"	DGru	" "		
	3		1			"	"	" "		
	4					"	"	" "		
	5		2			"	"	" "		
	6		2	2P1		"	"	" "		
	7		1			"	"	" "		
	8		10	1P1		"	"	" "		
	9		2			"	"	" "		
	0	0041070	1			"	"	" "		
	1		1			"	"	" "		
	2		1			"	"	" "		
	3		1			"	"	" "		
	4		1			"	"	" "		
	5					"	"	" "		
	6					"	"	" "		Pinkish
	7		1			"	"	" "		
	8					"	"	" "		
	9		1			"	"	" "		
	0	0041080	10			"	"	" "		
	1		1			"	"	" "		
	2		1			"	"	" "		
	3		1			"	"	" "		
	4		1			"	"	" "		
	5		1			"	"	" "		
	6		1			"	"	" "		
	7		1			"	"	" "		
	8		5			"	"	" "		
	9		2			"	"	" "		
	0	0041090	2			"	"	" "		

TYPE N = NO SAMPLE
 S = SLUDGE
 C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. I02004

DRILLING LOG SHEET

Qtz % S

DEPTH 10m TO	SAMPLE No.	TYPE	Au Fe ₂ S ₃	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O ALTERATION	REMARKS	COMMENTS
1	0021001	1		Pdz	D Gra	F D		
2		2		/	/	/ /		
3		1		/	/	/ /		
4		1		/	/	/ /		
5		1		/	/	/ /		
6		1		/	/	/ /		
7		1		/	/	/ /		
8		1		/	/	/ /		
9		1		/	/	/ /		
0	0021100							
1								
2								
3								
4								
5								
6								
7								
8								
9								
0								
1								
2								
3								
4								
5								
6								
7								
8								
9								
0								

TYPE N = NO SAMPLE
 S = SLUDGE
 C = CONTAMINATED

NORTHERN GOLD N.L.

Drill Hole Data Sheet 1995

Hole No. IOS 005

Tenement SE 9591

Co ordinates 414720 E

62260 N

RL

Drill Hole Type RC

Drill Rig RC D 150

Date Started 31 Oct

Collar Inclination -60

Sample Series: From 005001 To 005080

Water Flow.....

Prospect IOS 16200N

Logged By Shucks

Cross Section.....

Long Section.....

Completed / Abandoned

Driller Jeff Bone

Finished 1 Nov

Direction 90

Surveyed: Depth 40 m Dip 50°

Depth 75 m Dip 45°

Depth.....Dip.....

Depth.....Dip.....

Remarks.....

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NORTHERN GOLD N.L.

HOLE No. I 05005

DRILLING LOG SHEET

Q+3% S

DEPTH 10+ TO	SAMPLE No.	TYPE	Au _g P ₈	ROCK TYPE	COLOR & Q	DESCRIPTION OXID H ₂ O ALTERATION	FABRIC	COMMENTS
1	005 001	1		Cl	Brn/Rd	W D		
2		1		"	"	" "		
3				"	"	" "		
4		1		"	Gr	" "		
5				"	"	" "		
6				Lat	Rd/Yellow	" "		
7				Pvt	Dbu/oliv	" "		
8				"	"	" "		
9				"	"	" "		
0	005 010			"	"	" "		
1				"	"	" "		
2				"	"	" "		
3				"	"	" "		
4				"	Dbu/bu	" "		
5				"	"	" "		
6				PSI	Dbu/bu	" "		
7		1		"	"	" "		
8				"	"	" "		
9		2		"	"	" "		
0	005 020			"	"	" "		
1		5		"	"	" "		
2		2		"	"	T		
3				"	"	" "		
4				"	"	" "		
5				"	Dbu	FE		
6		5		"	"	" "		
7				Pvt	"	" "		
8				"	"	" "		
9		1		"	"	" "		
0	005 030			"	"	" "		

TYPE N = NO SAMPLE
 S = SLUDGE
 C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. I05 005

DRILLING LOG SHEET

Qtz % S

DEPTH 10m TO	SAMPLE No.	TYPE	Au % Ag %	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O ALTERATION	FABRIC	COMMENTS
1	005 031	1		Pvt	D64	F D		
2				"	D64/oliv	" "	Spath	
3				"	"	" "	"	
4				"	"	" "	"	
5				"	"	" "	"	
6				"	"	" "	"	
7				"	"	" "	"	
8				"	"	" "	"	
9				"	"	" "	"	
0	005 040			"	"	" "	"	
1		2		"	"	" "	"	
2				Pdz	D64	" "		
3				"	"	" "		
4				"	"	" "		
5				"	"	" "		
6		1		"	"	" "		
7				"	"	" "		
8		1		"	"	" "		
9				"	"	" "		
0	005 050			"	"	" "		
1				"	"	" "		
2		1		"	"	" "		
3		2		"	"	" "		
4				"	"	" "		
5				"	"	" "		
6				"	"	" "		
7				"	"	" "		
8		5	2P1	"	"	" "		
9		2	1P1	"	"	" "		
0	005 060			"	"	" "		

TYPE

N = NO SAMPLE

S = SLUDGE

C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. F.O. 205

DRILLING LOG SHEET

Q+3/6 S

AN	DEPTH 10' TO	SAMPLE No.	TYPE	Au/Kg	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O ALTERATION	FABRIC	COMMENTS
	1	005 061			Pdz	D brn	F D		
	2		2		"	"	" "		
	3				"	"	" "		
	4		1		"	"	" "		
	5		1		"	"	" "		
	6		1		"	"	" "		
	7				"	"	" "		
	8				"	"	" "		
	9		1		"	"	" "		
	0	005 070	1		"	"	" "		
	1		1		"	"	" "		
	2		1		"	"	" "		
	3		1		"	"	" "		
	4				"	"	" "		
	5		1		"	"	" "		
	6				"	"	" "		
	7		2		"	"	" "		
	8		1		"	"	" "		
	9		1		"	"	" "		
	0	005 080	1		"	"	" "		
	1								
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	0								

E O H

TYPE

N = NO SAMPLE

S = SLUDGE

C = CONTAMINATED

NORTHERN GOLD N.L.

Drill Hole Data Sheet 1995

Hole No. IOS 006

Tenement SEL 9591

Co ordinates 44640 E

62340 N

RL

Drill Hole Type RC

Drill Rig RC D 150

Date Started 29 Oct

Collar Inclination -60

Sample Series: From 006001 To 006180

Water Flow

Prospect IOS 6200 N

Logged By Shuckster

Cross Section

Long Section

Completed / Abandoned

Driller Jeff / 60 men

Finished 30 Oct

Direction 90°

Surveyed: Depth 50 : Dip 52

Depth 100 Dip 43°

Depth 177 Dip 33°

Depth Dip

Remarks

NORTHERN GOLD N.L.

HOLE No. I.05020

DRILLING LOG SHEET

Qtz 5% S

DEPTH 10- TO	SAMPLE No.	TYPE	Au _{Gr}	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O ALTERATION	FABRIC	COMMENTS
1	006-001			Lst	Rd/Brn	W D		
2				"	"	" "		
3				"	"	" "		
4				"	"	" "		
5				Pvt	Dbk/oliv	" "		
6				"	"	" "		
7				"	Grn/oliv	" "		
8				"	"	" "		
9				"	"	" "		
0	006-010			"	"	" "		
1				"	"	" "		
2				"	"	" "		
3				"	"	" "		
4				"	"	" "		
5				"	"	" "		
6				"	"	" "		
7				Pgt	D Oliv	" "		
8				"	"	" "		
9				Pst	"	" "		
0	006-020			"	"	" "		
1				Pvt	"	" "		
2				"	"	" "		
3				Pst	"	" "		
4		10 IPY		"	"	" "		
5				Pvt	Dbk/oliv	T "		
6				"	"	" "		
7				Pst	"	" "		
8				"	"	" "		
9			IPY	"	Dbk	" "		
0	006-030			"	"	" "		

TYPE N = NO SAMPLE
 S = SLUDGE
 C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. I05006

DRILLING LOG SHEET

Q+3% S

REF DEPTH 100 TO	SAMPLE No.	TYPE	Au Au _{Ag}	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O ALTERATION	FABRIC	COMMENTS
1	006 031			PSI	DBW	F D		
2				"	"	" "		
3				"	"	" "		
4				"	"	" "		
5				Pvt	DBW/bw	" "		
6				"	"	" "		
7				"	"	" "		
8				"	"	" "		
9			IPY	"	"	" "		
0	006 040		IPY	"	"	" "		
1		10	2PY	"	"	" "		
2			5PY	"	"	" "		
3			1PY	"	"	" "		
4		2	1PY	"	"	" "		
5		1	1PY	"	"	" "		
6				"	DBW/10/10	" "		
7			IPY	"	"	" "		
8			1PY	"	"	" "		
9		2	1PY	"	"	" "		
0	006 050		1PY	"	"	" "		
1				"	"	" "		
2			1PY	"	"	" "		
3			1PY	"	"	" "		
4				"	DBW	" "		
5				"	"	" "		
6			2PY	"	"	" "		5% Pgt
7			1PY	"	"	" "		
8			1PY	"	"	" "		
9			1PY	"	"	" "		
0	006 060	2	1PY	"	"	" "		

TYPE

N = NO SAMPLE

S = SLUDGE

C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. I05000

DRILLING LOG SHEET

Q+5% S

REF. DEPTH TO	SAMPLE No.	TYPE	Au ₆₀₋₈₀	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O AFTER MON	FUGIL	COMMENTS
1	006 061			Pvt	DG	F D		
2			IP-1	"	"	" "		
3				"	"	" "		
4				"	"	" "		
5				"	"	" "		
6			IP-1	"	"	" "		
7				"	"	" "		
8			IP-1	"	"	" "		
9				"	"	" "		
0	006 070	1		"	"	" "	100% Biotite	
1			IP-1	"	"	" "		
2				"	"	" "		
3				"	"	" "		
4				"	"	" "		
5			IP-1	"	"	" "		
6				"	"	" "		
7				"	"	" "		
8				"	"	" "		
9				"	"	" "		
0	006 080			"	"	" "		
1			IP-1	Pst	DG	" "		
2			IP-1	"	"	" "		
3		2	IP-1	"	"	" "		
4			IP-1	"	"	" "		
5		1	IP-1	"	"	" "		
6			IP-1	"	"	" "		
7				"	"	" "		
8				"	"	" "		
9			IP-1	Pvt	DG	" "		
0	006 090			"	"	" "		

TYPE N = NO SAMPLE
 S = SLUDGE
 C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. I05000

DRILLING LOG SHEET

243% S

DEPTH 104 TO	SAMPLE No.	TYPE	Au, Ag, Cu	ROCK TYPE	COLOR & Q	DESCRIPTION OXID H ₂ O ALTERATION	REMARKS	COMMENTS
1	006 091			Pvt	D Gr	F D		
2				"	"	"		
3		1		"	"	"		
4		1		"	"	"		
5		1 IPY		PSI	"	"		
6				"	"	"		
7				"	"	"		
8		1		"	"	"		
9		2 IPY		"	"	"		
0	006 100			"	"	"		
1				"	"	"		
2				"	"	"		
3				"	"	"		
4				Pvt	D Gr	"		
5				"	"	"		
6				PSI	"	"		
7		2		"	"	"		
8		2		Pvt	D Gr	"		
9				PSI	"	"		
0	006 110			Pvt	"	"		
1				"	D Gr/oliv	"		
2				"	"	"		
3				"	"	"		
4				"	"	"		
5		5		"	"	"	Chlor?	
6				"	"	"		
7				"	"	"		
8				"	"	"		
9				"	"	"		
0	006 120			"	"	"		

TYPE N = NO SAMPLE
 S = SLUDGE
 C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. I05006

DRILLING LOG SHEET

2+3% S

DEPTH m TO	SAMPLE No.	TYPE	Au/g	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O	ALTERATION	REMARKS	COMMENTS
1	006 121	2		Pvt	D6relbx	F D			
2				"	D6relbx	" "			
3		20		"	"	" "			
4				Pdz	D6relbx	" "			
5		1		"	D6rel	" "			
6		50		"	"	" "			
7		10 2P		"	"	" "			
8		2		"	"	" "			
9		2		"	"	" "			
10	006 130	1		"	"	" "			
11				"	"	" "			
12				"	"	" "			
13				"	"	" "			
14				"	"	" "			
15				"	"	" "			
16		2		"	"	" M			
17		1		"	"	" D			
18		1		"	"	" "			
19		1		"	"	" "			
20	006 140	1		"	"	" "			
21		1		"	"	" "			
22		2		"	"	" "			
23		1		"	"	" "			
24		1		"	"	" "			
25		10		"	"	" "			
26		1		"	"	" "			
27		2		"	"	" "			
28		2		"	"	" "			
29		1		"	"	" "			
30	006 150	1		"	"	" "			

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. **D05006**

DRILLING LOG SHEET

Q45% S

DEPTH 10m TO	SAMPLE No.	TYPE	Au/Ag ₃	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O ALTERATION	FUEL	COMMENTS
1	006 151			PdZ	DGvn	F D		
2		1		"	"	" "		
3				"	"	" "		
4				"	"	" "		
5				"	"	" "		
6				"	"	" "		
7				"	"	" "		
8				"	"	" "		
9		4/0		"	"	" "		
0	006 160	2		"	"	" "		
1		1		"	"	" "		
2		1		"	"	" "		
3		5		"	"	" "		
4		2	18%	"	"	" "		
5		5		"	"	" "		
6				"	"	" "		
7				"	"	" "		
8		1		"	"	" "		
9		1		"	"	" "		
0	006 170	1		"	"	" M		
1				"	"	" "		
2				"	"	" "		
3				"	"	" "		
4		2		"	"	" "		
5		1		"	"	" "		
6		1		"	"	" "		
7				"	"	" "		
8		1		"	"	" "		
9		2		"	"	" "		
0	006 180					" "		

TYPE

N = NO SAMPLE

S = SLUDGE

C = CONTAMINATED

EOA

NORTHERN GOLD N.L.

Drill Hole Data Sheet 1995

Hole No. I05012.....

Tenement SEL 9591.....

Co ordinates 44700E.....

62440N.....

.....RL

Drill Hole Type RC.....

Drill Rig RCO 150.....

Date Started 31 Oct 96.....

Collar Inclination -60.....

Sample Series: From 012001 To 012100.....

Water Flow.....

Prospect I05/6200M.....

Logged By Shuck.....

Cross Section.....

Long Section.....

Completed / Abandoned

Driller JEFF/60 m.....

Finished 31 Oct 96.....

Direction 90.....

Surveyed: Depth 50m Dip no read.....

Depth 100m Dip 41°.....

Depth.....Dip.....

Depth.....Dip.....

Remarks.....

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NORTHERN GOLD N.L.

HOLE No. I 05 012

DRILLING LOG SHEET

Q+5% S

DEPTH TO	SAMPLE No.	TYPE	Au _g	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O	ALTERATION	FABRIC	COMMENTS
1	012 001			Clc	Rd/Bu	W D			Fi //
2				Lat	"	" "			
3		Z		"	"	" "			
4		1		"	"	" "			
5				Pvt	Dbu/bu	" "			
6				"	"	" "			
7				"	"	" "			
8				"	"	" "			
9				"	Dbu/Bu/bu	" "			
0	012 010			Ps1	Rd/Bu/bu	" "			
1				"	Gr/Rd	" "			
2				Pvt	Dbu/bu	" "			
3				"	"	" "			
4				"	"	" "			
5				Ps1	"	T	" "		
6				"	"	" "			
7				"	"	" "			
8			IPY	Pvt	Dbu	F	" "		
9				"	"	" "			
0	012 020			"	"	" "			
1				"	"	" "			
2				"	"	" "			
3				"	Dbu/bu	" "			
4		2		"	Dbu/bu/bu	" "			
5				"	"	" "			
6				"	Dbu/bu	" "			
7			2P1	Ps1	Gr	" "			
8		1		Pvt	Dbu	" "			
9		1	2P1	Ps1	"	" "			
0	012 030	1	1P1	Pvt	"	" "			

TYPE

N = NO SAMPLE

S = SLUDGE

C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. IQ012

DRILLING LOG SHEET

Q+3% S

REF DEPTH m TO	SAMPLE No.	TYPE	Au _g	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O ALTERATION	FAIR	COMMENTS
1	012 031	1		Pvt	DGre	F D		
2		1		"	"	" "		
3				PSI	"	" "		
4		1P-1		Pvt	"	" "		
5		1 1P-1		"	"	" "		
6		5 1P-1		"	"	" "		
7		1 1P-1		"	"	" "		
8				"	"	" "		
9		2P-1		"	"	" "		
0	012 040			"	"	" "		
1				"	Dgre/oliv	" "		
2				"	"	" "		Spotty
3				"	"	" "		"
4				"	"	" "		"
5				"	"	" "		"
6		2		"	"	" "		"
7				"	"	" "		"
8				"	Dgre/oliv	" "		Chart
9		10		"	Dgre/oliv	" "		Spotty
0	012 050			Pchz	Dgre/bre	" "		
1		2 1P-1		"	"	" "		
2		5 2P-1		"	DGre	" "		
3		2		"	"	" "		
4		2		"	"	" "		
5		~~2~~ 2P-1		"	"	" "		
6				"	"	" "		
7		10 20P-1		"	DGre	" "		
8		5 20P-1		"	"	" "		
9		5P-1		"	DGre	" "		
0	012 060	2P-1		"	"	" "		

TYPE

N = NO SAMPLE

S = SLUDGE

C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. I. 250.12

DRILLING LOG SHEET

Q+3% S

Au	DEPTH 10+ TO	SAMPLE No.	TYPE	Au _{Fe3}	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O ALTERATION	FABRIL	COMMENTS
	1	012 061	2		Pdz	D6v	F D		
	2				"	"	" "		
	3		1		"	"	" "		
	4		2		"	"	" "		
	5				"	"	" "		
	6		1		"	"	" "		
	7				"	"	" "		
	8		1		"	"	" "		
	9				"	"	" "		
	0	012 070	1		"	"	" "		
	1		7		"	"	" "		
	2		1		"	"	" "		
	3		1		"	"	" "		
	4		1		"	"	" "		
	5				"	"	" "		
	6		10	1P7	"	"	" "		
	7		5	1P7	"	"	" "		
	8		1		"	"	" "		
	9				"	"	" "		
	0	012 080	1		"	"	" "		
	1				"	"	M "		
	2		1		"	"	" "		
	3		2		"	"	D "		
	4		1		"	"	" "		
	5		1		"	"	" "		
	6		1		"	"	" "		
	7		40		"	"	W "		
	8				"	"	" "		
	9		5		"	"	" "		
	0	012 090	2	1P1	"	"	" "		

TYPE

N = NO SAMPLE

S = SLUDGE

C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. EQ5012

DRILLING LOG SHEET

Q+3/6 S

Au	DEPTH 10-8 TO	SAMPLE No.	TYPE	Au K ₂ CO ₃	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O ALTERATION	FABRIC	COMMENTS
	1	012 091	1		Pdz	DGvn	F W		
	2		1		"	"	" "		
	3		1		"	"	" "		
	4		2	1PY	"	"	" "		
	5		1		"	"	" M		
	6		1		"	"	" W		
	7		1		"	"	" M		
	8				"	"	" "		
	9		1		"	"	" "		
	0	012 100			"	"	" "		
	1								
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	0								
	1								
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	0								

EQ5012

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

Drill Hole Data Sheet 1995

Hole No. FOS 0141

Tenement SEL 9591

Co ordinates 414760 E

62520 N

RL

Drill Hole Type RC

Drill Rig RC D 150

Date Started 1 Nov

Collar Inclination 60

Sample Series: From 0141001 To 0141100

Water Flow

Prospect FOS 6200N

Logged By Shuckster

Cross Section

Long Section

Completed / Abandoned

Driller Jeff Bone

Finished 2 Nov

Direction 280

Surveyed: Depth 30 m Dip 57°

Depth 60 m Dip 54°

Depth 98 m Dip 51°

Depth Dip

Remarks

NORTHERN GOLD N.L.

HOLE No. I 05 0141

DRILLING LOG SHEET

Qtz% S

Au	Ref DEPTH 10-6 TO	SAMPLE No.	TYPE	Au 10-6	Rock TYPE	COLOUR	DESCRIPTION OXID H ₂ O ALTERATION	FABRIC	COMMENTS
	1	014-001	1		Clc	Rd/br	W D		
	2		1		"	"	"		
	3				"	"	"		
	4		1		Lat	Rd/Br	"		
	5				"	"	"		
	6		1		Col	Grn/br	"		
	7		1		"	"	"		
	8				Clc	Rd/Br	"		
	9				"	"	"		
	0	014-010			"	"	"		
	1				Pdz	Grn/Br	"	Clc	
	2				"	"	"	"	
	3				"	Grn	"		
	4				"	"	"		
	5		1		"	D Oliv	"		
	6				"	"	T		
	7				"	D brn	"		
	8		2		"	"	"		
	9		1		"	"	F		
	0	014-020			"	"	"		
	1		1		"	"	"		
	2				"	"	"		
	3		1		"	"	"		
	4		1		"	"	"		
	5		5		"	"	"		
	6		2		"	"	"		
	7		1		"	"	"		
	8		1		"	"	"		
	9		1		"	"	"		
	0	014-030			"	"	"		

TYPE N = NO SAMPLE
 S = SLUDGE
 C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. I 050141

DRILLING LOG SHEET

At 3% S

DEPTH TO	SAMPLE No.	TYPE	Au g/t	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O ALTERATION	FABRIC	COMMENTS
1	0141 031	1		Pdz	DGrn	F D		
2		1		"	"	" "		
3		1		"	"	" "		
4		1		"	"	" "		
5				"	"	" "		
6				"	"	" "		
7		1		"	"	" "		
8				"	"	" "		
9		1		"	"	" "		
0	0141 040			"	"	" "		
1		5		"	"	" "		
2		2		"	"	" "		
3		1		"	"	" "		
4				"	"	" "		
5		1		"	"	" "		
6				"	"	" "		
7				"	"	" "		
8				"	"	" "		
9		1		"	"	" "		
0	0141 050			"	"	" "		
1		5		"	"	" "		
2		1		"	"	" "		
3		1	1P4	"	"	" "		
4			1P4	"	"	" "		
5		1	5P4	"	"	" "		
6		1	5P4 1A1	"	"	" "		
7		2	2P4	"	"	" "		
8		1	1P4	"	"	" "		
9		2	2P4	"	"	" "		
0	0141 060	1	1P4	"	"	" "		

TYPE

N = NO SAMPLE

S = SLUDGE

C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. 105 0141

DRILLING LOG SHEET

24 3/4 S

DEPTH TO	SAMPLE No.	TYPE	Au g/t	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O	ALTERATION	FABRIC	COMMENTS
1	014 061	1	1P-1	PdZ	Dbrn/bn	F D			
2			2P-1	"	"	"			
3		1	5P-1	"	"	"			
4		1	2P-1	"	"	"			
5		2	1P-1	"	"	"			
6		1	5P-1	"	"	"			
7		1	2P-1	"	"	"			
8		2		"	"	"			
9		60		"	"	"			
0	014 070	40	2AP	"	"	"			
1		1	1P-1	"	"	"			
2		1	2P-1	"	"	"			
3		10	2P-1	"	"	"			
4		1	1P-1	"	"	"			
5		2		Pvt	Dbrn/bn	"	chrt		
6		1		"	"	"	"		
7		2		"	"	"	"		
8		5		"	"	"	"		
9		20		"	"	"	"		
0	014 080			"	"	"	"		
1		5		"	Dbrn/bn	"	"		
2				"	Dbrn	"	"		
3		5	1P-1	"	"	"	"		
4		2	1P-1	"	"	"	"	sp. H ₂	
5				"	Dbrn/bn	"	"		
6		5		"	"	"	M		
7				"	"	"	D		
8				"	Dbrn	"	"		
9				"	"	"	"		
0	014 090			"	"	"	"		

TYPE

N = NO SAMPLE

S = SLUDGE

C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. F05014

DRILLING LOG SHEET

Q43% S

DEPTH m TO	SAMPLE No.	TYPE	AU g/t	ROCK TYPE	COLOR	DESCRIPTION OXID + H ₂ O	ALTERATION	FURIL	COMMENTS
1	014/091			Pvt	D6w/oliv	F 10			
2				"	"	"			
3				"	"	"			
4				"	"	"			
5		1		"	"	"			
6		2		"	"	"			
7		2	1P	"	"	"			
8		1		"	"	"			
9				"	"	"			
0	014/100			"	"	"			
1				EOA					
2									
3									
4									
5									
6									
7									
8									
9									
0									
1									
2									
3									
4									
5									
6									
7									
8									
9									
0									

TYPE N = NO SAMPLE
 S = SLUDGE
 C = CONTAMINATED

NORTHERN GOLD N.L.

Drill Hole Data Sheet 1995

Hole No. I 05 015

Prospect. Fos (6200N)

Tenement ~~SE~~ L 9591.....

Logged By.....Shucks.....

Co ordinates.....4141780 E

Cross Section.....

62520 N

Long Section.....

.....RL

Drill Hole Type.....RC.....

Completed / Abandoned

Drill Rig..... RCD 150.....

Driller.....Jeff/Gomez.....

Date Started.....2 Nov 96

Finished.....4 Nov 96.....

Collar Inclination.....60

Direction.....90.

Sample Series: From 015001 To 015140.

Water Flow.....

Surveyed: Depth.....30 km.....Dip.....56°.....

Depth.....60 m.....Dip.....65.....

Depth 700 m Dip 49°

Depth 135 m Dip 41° 70

Remarks.....

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NORTHERN GOLD N.L.

HOLE No. F05 015

DRILLING LOG SHEET

Q+3% S

Au	DEPTH 104 TO	SAMPLE No.	TYPE	Au 104	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O	ALTERATION	FABRIC	COMMENTS
	1	015 001	2		Cl	Brn	W D			
	2		1		"	"	" "			
	3		1		Lat	Red/bc	" "			
	4		2		"	"	" "			
	5		5		Col	Tan/Br	" "			
	6		2		"	"	" "			
	7		1		"	"	" "			
	8				Cl	oliv	" "	Pdz		
	9				"	"	" "	"		
	0	015 010			"	"	" "	"		
	1		1		"	"	" "	"		
	2				"	Brn	" "	"		
	3				"	"	" "	"		
	4				"	Brn/oliv	" "	"		
	5				Pdz	"	" "	cl		
	6				"	"	" "			
	7				"	"	" "			
	8				"	"	" "			
	9				"	Dbrn/oliv	" "			
	0	015 020			"	Dbrn	" "			
	1		5		"	Dbrn/oliv	" "			
	2				"	Dbrn	" "			
	3				"	"	" "			
	4		2		"	"	" "			
	5		5		"	"	" "			
	6		1	IP-1	"	"	" "			
	7				"	"	" "			
	8		1		"	"	" "			
	9		20		"	"	" "	chlor		
	0	015 030	5		"	"	" "	"		

TYPE

N = NO SAMPLE

S = SLUDGE

C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. J05015

DRILLING LOG SHEET

Q+3% S

Au	DEPTH 104 TO	SAMPLE No.	TYPE	Au 104	ROCK TYPE	COLOR	DESCRIPTION OXID H2O ALTERATION	FABRIC	COMMENTS
	1	015 030	2		Pdz	DGrn	F D		
	2		1		"	"	"		
	3		1		"	"	"		
	4				"	"	"		
	5		1		"	"	"		
	6		1		"	"	"		phlog.
	7				"	"	"		
	8		5		"	"	"		
	9				"	"	"		
	0	015 040			"	"	"		
	1				"	"	"		
	2		1		"	"	"		
	3		1		"	"	"		
	4		1		"	"	"		sarnet
	5		3		"	"	"		chlor
	6		2		"	"	"		
	7		2		"	"	"		chlor
	8		1		"	"	"		
	9		1		"	"	"		
	0	015 050	2		"	"	"		
	1		10		"	"	"		white
	2		20		"	"	"		
	3				"	"	"		
	4				"	"	"		
	5		1		"	"	"		
	6		2	1P1	"	"	"		
	7				"	"	"		
	8		1		"	"	"		
	9		2	1P1	"	"	"		
	0	015 060			"	"	"		

TYPE

N = NO SAMPLE

S = SLUDGE

C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. 105015

DRILLING LOG SHEET

243% S

DEPTH TO	SAMPLE No.	TYPE	Au _g	ROCK TYPE	COLOR	DESCRIPTION	ALTERATION	REMARKS	COMMENTS
1	015 061	2		Dd2	D6m	F D			
2		2		"	"	" "			
3				"	"	" "			
4		1		"	"	" "			
5				"	"	" "			
6		2		"	"	" "			
7		2		"	"	" "		ch/ov	
8		2		"	"	" "			
9				"	"	" "			
0	015 070			"	"	" "			
1		2		"	"	" "			
2				"	"	" "			
3				"	"	" "			
4				"	"	" "			
5		2	1P-1	"	D6m/Bm	" "		Bismar	
6		1	1P-1	"	D6m	" "			
7				"	"	" "			
8			1P-1	"	"	" "			
9			1P-1	"	"	" "			
0	015 080		1P-1	"	"	" "			
1		1	1P-1	"	"	" "			
2		1	1P-1	"	"	" "			
3		1	1P-1	"	"	" "			
4			1P-1	"	"	" "			
5		1	1P-1	"	"	" "			
6			1P-1	"	"	" "			
7		1	1P-1	"	"	" "			
8		1	1P-1	"	"	" "			
9		1	1P-1	"	"	" "			
0	015 090	20	2AP	"	"	" "			

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. IOS 015

DRILLING LOG SHEET

Q+3% S

DEPTH 10+ TO	SAMPLE No.	TYPE	Au _{FeS}	ROCK TYPE	COLOR Q	DESCRIPTION OXID H ₂ O ALTERATION	FABRIC	COMMENTS
1	015-091	1	1AP	Pdz	DBrc/bn	F M		
2		5	2PY	"	"	"		
3		1	1PY	"	"	"		
4		1		"	"	"		pllog
5				"	"	"		
6			1PY	"	"	"		
7		1		"	DBrc	"		
8				"	"	"		
9		2		"	"	"		
0	015-100	1	1PY	"	"	"		
1		1	1PY	"	"	"		
2			2PY	"	"	"		
3		1	1PY	"	"	"		
4		1	1PY	"	"	"		
5		5	1PY	"	"	"		
6			1PY	"	"	"		
7		1		"	"	"		
8				"	"	"		
9		1	1PY	"	"	"		
0	015-110	5	2PY	"	"	"		
1		10	2PY	"	"	"		
2		70		"	"	"		
3		1	1PY	"	"	"		
4				"	"	"		
5		2	1PY	"	"	"		
6				"	"	"		
7			1PY	"	"	"		
8				"	"	"		
9		20	1PY	"	"	"		
0	015-120	5				"		

TYPE

N = NO SAMPLE

S = SLUDGE

C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. I 00015

DRILLING LOG SHEET

Q+3% S

REF DEPTH	SAMPLE No.	TYPE	Au	Ag	ROCK TYPE	COLOR	DESCRIPTION	ALTERATION	REMARKS	COMMENTS
1	015 121	50 SPY			PdZ	D6vL	F W			
2		10 PY			"	"	"			
3		20			"	"	"			
4		10 2PY			"	D6vL/BvL	"			
5		2			PvL?	D6vL/BvL	"		5% PdZ	
6		2			"	"	"			
7		5 1PY			"	"	"			
8		1			"	"	"			
9		1			"	"	"			
0	015 030	1			"	"	"			
1					"	D6vL/oliv	"			
2		2			"	"	"			
3					"	"	"			
4		2			"	"	"			
5					"	"	"			
6		1 2PY			"	"	"			
7		1 1PY			"	"	"			
8		1 1PY			"	"	"			
9		1			"	"	"			
0	015 140	1			"	"	"			
1										
2										
3										
4										
5										
6										
7										
8										
9										
0										

E O H

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

Drill Hole Data Sheet 1995

Hole No. IOS 016

Prospect IOS 6200 N

Tenement SEL 9591

Logged By Shucks

Co ordinates 414800 E

Cross Section ~

62520 N

Long Section

.....RL

Drill Hole Type RC

Completed Abandoned

Drill Rig RC A150

Driller Jeff Bone

Date Started 4 Nov 96

Finished 5 Nov 96

Collar Inclination -60

Direction 270

Sample Series: From 016001 To 016159

Water Flow

Surveyed: Depth 80 m Dip 417°

Depth 120 m Dip 412°

Depth 159 m Dip 71°

Depth Dip

Remarks

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NORTHERN GOLD N.L.

HOLE No. I05016

DRILLING LOG SHEET

Q+3/6 S

REF DEPTH TO	SAMPLE No.	TYPE	Au g/g	ROCK TYPE	COLOR	DESCRIPTION OXID H2O ALTERATION	FUEL	COMMENTS
1	016-001			cln	Brn	U D		
2				"	"	"		
3		1		Col	Pd/Brn	"		
4		1		"	"	"		
5		1		"	"	"		
6		2		"	"	"		
7				Cln	Oliv/Brn	"		Pd2
8				"	"	"		"
9				"	"	"		"
0	016-010			"	"	"		"
1				"	"	"		"
2				"	"	"		"
3				"	"	"		"
4				"	"	"		"
5				Pd2	Brn/oliv	"		cln
6				"	"	"		"
7				"	DBrn/oliv	"		"
8				"	"	"		"
9				"	"	"		"
0	016-020			"	"	"		"
1		20		"	Brn	"		cln
2		40		"	DBrn/oliv	"		"
3		10		"	"	"		"
4				"	"	"		"
5		10		"	"	"		"
6		2		"	"	"		"
7				"	"	"		"
8				"	"	"		"
9				"	"	"		"
0	016-030			"	"	"		"

TYPE N = NO SAMPLE
 S = SLUDGE
 C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. 105 016

DRILLING LOG SHEET

24 3/4 S

DEPTH TO	SAMPLE No.	TYPE	Au Fe ₂ S ₃	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O ALTERATION	REMARKS	COMMENTS
1	016 031	10		PdZ	DGrn/oliv	F D		
2		2		"	"	"		
3				"	"	"		
4				"	"	"		
5		40		"	"	"		
6		20		"	"	"		
7		20		"	"	"		
8		2		"	"	F		
9		5		"	"	"	ch/ov	
0	016 040	5		"	"	"		
1		2		"	"	"		
2		2		"	"	"		
3		60		"	DGrn/oliv	"		
4		10	IPY	"	"	"		
5		5		"	"	"		
6		2		"	DBrc	"		
7		1		"	"	"		
8		2		"	"	"		
9		1		"	"	"		
0	016-050	1		"	"	"		
1		5		"	"	"		
2		1		"	"	"		
3		1		"	"	"		
4				"	"	"		
5		5		"	"	"		
6				"	"	"		
7		2	IPY	"	"	"		
8				"	"	"		
9				"	"	"		
0	016-060	10		"	"	"		

TYPE N = NO SAMPLE
 S = SLUDGE
 C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. *D05016*

DRILLING LOG SHEET

Q+3% S

Ref DEPTH Au 10% TO	SAMPLE No.	TYPE	Au % ₈	ROCK TYPE	COLOR	DESCRIPTION OXID. + H ₂ O ALTERATION	REMARKS	COMMENTS
1	<i>016 000</i>	1		<i>pdz</i>	<i>D6v</i>	<i>F D</i>		
2		<i>5</i>	<i>1P1</i>	<i>"</i>	<i>"</i>	<i>"</i>		
3		<i>10</i>		<i>"</i>	<i>"</i>	<i>"</i>		
4			<i>SPH</i>	<i>"</i>	<i>"</i>	<i>"</i>		
5		<i>5</i>	<i>1P1</i>	<i>"</i>	<i>"</i>	<i>"</i>		
6		<i>7</i>		<i>"</i>	<i>"</i>	<i>"</i>		
7				<i>"</i>	<i>"</i>	<i>"</i>		
8				<i>"</i>	<i>"</i>	<i>"</i>	<i>ch/</i>	
9		<i>5</i>	<i>1P1</i>	<i>"</i>	<i>"</i>	<i>"</i>		
0	<i>016 080</i>	<i>2</i>		<i>"</i>	<i>"</i>	<i>"</i>		
1		<i>1</i>		<i>"</i>	<i>"</i>	<i>"</i>		
2				<i>"</i>	<i>"</i>	<i>"</i>		
3		<i>7</i>		<i>"</i>	<i>"</i>	<i>"</i>		
4				<i>"</i>	<i>"</i>	<i>"</i>		
5		<i>1</i>		<i>"</i>	<i>"</i>	<i>"</i>		
6				<i>"</i>	<i>"</i>	<i>"</i>		
7				<i>"</i>	<i>"</i>	<i>"</i>		
8		<i>2</i>		<i>"</i>	<i>"</i>	<i>"</i>		
9				<i>"</i>	<i>"</i>	<i>"</i>		
0	<i>016 080</i>			<i>"</i>	<i>"</i>	<i>"</i>		
1		<i>1</i>	<i>1P1</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>Basalt</i>	
2				<i>"</i>	<i>"</i>	<i>"</i>		
3			<i>2P1</i>	<i>"</i>	<i>"</i>	<i>"</i>		
4		<i>2</i>		<i>"</i>	<i>"</i>	<i>"</i>		
5		<i>2</i>		<i>"</i>	<i>"</i>	<i>"</i>		
6				<i>"</i>	<i>"</i>	<i>"</i>	<i>ch/</i>	
7				<i>"</i>	<i>"</i>	<i>"</i>		
8		<i>1</i>		<i>"</i>	<i>"</i>	<i>"</i>		
9		<i>1</i>		<i>"</i>	<i>"</i>	<i>"</i>		
0	<i>016 090</i>	<i>20</i>	<i>1P1</i>	<i>"</i>	<i>"</i>	<i>"</i>		

TYPE

N = NO SAMPLE

S = SLUDGE

C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. I05016

DRILLING LOG SHEET

Q+3% S

DEPTH TO	SAMPLE No.	TYPE	Au/Ca ₂	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O ALTERATION	REMARKS	COMMENTS
1	016 091	5		"	"	F D		
2		10		"	"	" S		
3		2		"	"	" S		
4				"	"	" S		
5		2		"	"	" S		
6		2		"	"	" S	Gant	
7		2		"	"	" S		
8				"	"	" S		
9				"	"	M S		
0	016 100			"	"	" S		
1		10 2P1		"	"	" S		
2				"	"	" S		
3		50		"	"	" S		
4				"	"	" S		
5		1		"	"	" S		
6		50		"	"	" S		
7				"	"	" S		
8				"	"	" S		
9				"	"	" S		
0	016 110	20		"	"	" S	Gant	
1		10 1P1		"	"	" S		
2				"	"	" S	chir	
3				"	"	" S	S	
4		5		"	"	" S		
5		2		"	"	" S		
6		1		"	"	" S		
7				"	"	" S		
8				"	"	" S		
9		10		"	"	" S		
0	016 120			"	"	" S		

TYPE N = NO SAMPLE
 S = SLUDGE
 C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. *105 016*

DRILLING LOG SHEET

REF DEPTH m TO		SAMPLE No.	TYPE	Au $\frac{g}{kg}$	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O ALTERATION	FABRIC	COMMENTS
	1	016 121	2		Pdz	Gr/bn	F M		
	2		1		"	"	" ?		
	3				"	"	"	Garnet	
	4				"	"	" P	"	
	5		20		"	DBrn	"		
	6				"	"	"		
	7			1PT	"	"	"		
	8				"	"	"		
	9		1		"	"	"		
	0	016 130	1		"	"	"	Garnet	
	1				"	"	"		
	2		10		"	"	"		
	3		5		"	"	" M		
	4		1		"	"	"		
	5		1		"	"	"		
	6		5		"	"	" D		
	7		2 1PT		"	"	"		
	8		10 2PT		"	"	"		
	9		1		"	"	"		
	0	016 140			"	"	"		
	1				"	"	"	Phlog	
	2				"	"	"		
	3				"	"	"		
	4		1		"	"	"		
	5		5 1PT		"	"	"		
	6		50 1PT		"	"	"		
	7		2		"	"	"		
	8				"	"	"		
	9		20 1PT		"	"	"		
	0	016 150	10		"	"	"		

TYPE N = NO SAMPLE
 S = SLUDGE
 C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. I05016

DRILLING LOG SHEET

Q+3% S

DEPTH TO	SAMPLE No.	TYPE	Au _g	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O ALTERATION	FAIR	COMMENTS
1	616 151	50		Pdz	DG _{vn}	F M		
2		50	1P-1	"	S	" "		
3		10		Pvt	DGre	" "		
4		2		"	"	" "		
5		5		"	"	" "		
6		1	1P-1	"	"	" "		
7			1P-1	"	"	" "		
8				"	DGr/oliv	" "		
9	159	1		"	"	" "		
0	~~616 160~~			E O H				
1								
2								
3								
4								
5								
6								
7								
8								
9								
0								
1								
2								
3								
4								
5								
6								
7								
8								
9								
0								

TYPE

N = NO SAMPLE

S = SLUDGE

C = CONTAMINATED

NORTHERN GOLD N.L.

Drill Hole Data Sheet 1995

Hole No. I 05017

Tenement EL 9591

Co ordinates L14820 E

62520 N

.....RL

Drill Hole Type RC

Drill Rig RCD 150

Date Started 6 Nov

Collar Inclination -60

Sample Series: From 017001 To 017120

Water Flow.....

Prospect I 05 6200 N

Logged By Shuckster

Cross Section.....

Long Section.....

Completed / Abandoned

Driller Jeff / Gomer

Finished 7 Nov

Direction 220

Surveyed: Depth 30 Dip 57°

Depth 80 Dip 55°

Depth 130 Dip 65°

Depth 177 Dip 47°

Remarks.....

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NORTHERN GOLD N.L.

HOLE No. D5017

DRILLING LOG SHEET

DEPTH m	DEPTH m TO	SAMPLE No.	Qtz%	Sulf%	Fe ₃	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O	ALTERATION	REMARKS	COMMENTS
1	017 001	1				cl	Brn/pd	w D			
2		1				lat	pd/br	s			
3		1					"	"			
4						cl	oliv/bre	"			
5						col Pst	"	"	col		
6						"	"	"			
7						"	"	"			
8						"	"	"			
9		5				"	"	"			
0	017.010	10				"	"	"			
1						"	"	"			
2		30				"	"	"			
3		5				col	Orange/yell	"			
4		2				"	"	"			
5						Pst	"	"			
6		2				"	Brn/ta	"			
7						"	"	"			
8						"	"	"			
9						"	"	"			
0	017.020					"	"	"			
1						"	Dbn/oliv	"			
2						"	"	"			
3						"	Grn/ta	"			
4		5				"	"	"			
5		2				"	"	"			
6		50				"	"	"			
7		2				"	Dbn/ol	"			
8						Pst	"	"			
9		2				"	"	"			
0	017.030	10				"	"	"			

NORTHERN GOLD N.L.

HOLE No. *105017*

DRILLING LOG SHEET

H m	DEPTH m TO	SAMPLE No.	Qtz%	Sulf%	Fe ₃	ROCK TYPE	COLOR	DESCRIPTION		FACIL	COMMENTS
								OXID	H ₂ O		
	1	017.031	50			Pdz	DGr	F	D		
	2					"	"	"	"		
	3		10			"	"	"	"		
	4		2			"	"	"	"		Grnd
	5		1			"	"	"	"		
	6		2			"	"	"	"		
	7					"	"	"	"		
	8		1			"	"	"	"		
	9		2			"	"	"	"		
	0	017.040	2			"	"	"	"		
	1		50			"	"	"	"		
	2		20			"	"	"	"		
	3		20	IP-L		"	"	"	"		
	4		2			"	"	"	"		
	5		10	IP-1		"	"	"	"		
	6		20	IP-1		"	"	"	"		Phlog
	7		1			"	"	"	"		
	8		15			"	"	"	"		
	9					"	"	"	"		
	0	017.050	2			"	"	"	"		
	1					"	"	"	"		
	2					"	"	"	"		Chlor
	3		2			"	"	"	"		
	4					"	"	"	"		
	5		10			"	"	"	"		
	6		2			"	"	"	"		
	7					"	"	"	"		
	8		5			"	"	"	"		
	9		5			"	"	"	"		
	0	017.060				"	"	"	"		

NORTHERN GOLD N.L.

HOLE No. D05017

DRILLING LOG SHEET

Au	DEPTH 10m TO	SAMPLE No.	Qtz%	Sulf%	Fe ₂	ROCK TYPE	COLOR	DESCRIPTION		FUEL	COMMENTS
								OXID	H ₂ O		
	1	017 061	1			Pdz	DGrn	F	D		
	2		1			"	"	"	"		Pinkish
	3					"	"	"	"		
	4					"	"	"	"		
	5					"	"	"	"		
	6		1			"	"	"	"		
	7		1			"	"	"	"		
	8		5			"	"	"	"		
	9		2			"	"	"	"		
	0	017 070	2	2AP		"	"	"	"		
	1		1	1PY		"	"	"	"		
	2		5			"	"	"	"		
	3		20	1PY		"	"	"	"		
	4		1			"	"	"	"		
	5		1			"	"	"	"		
	6					"	"	"	"		
	7		2			"	"	"	"		
	8		2			"	"	"	"		
	9		5			"	"	"	"		
	0	017 080	5			"	"	"	"		
	1					"	"	"	"		
	2		1			"	"	"	"		
	3		1			"	"	"	"		
	4		2			"	"	"	"		
	5		2			"	"	"	"		
	6		20	1AP		"	"	"	"		
	7		100	1PY		Qtz	White	"	"		
	8		75	1PY		Pdz	DGrn	"	"		
	9		75	1PY		"	"	"	"		
	0	017 090	20	1PY		"	"	"	"		

NORTHERN GOLD N.L.

HOLE No. *DA 017*

DRILLING LOG SHEET

FLW	DEPTH 10-6 TO	SAMPLE No.	Qtz%	Sulf%	Fe ₂ O ₃	ROCK TYPE	COLOR	DESCRIPTION		FUEL	COMMENTS
								OXID	H ₂ O		
	1	017-001	2			PdZ	DGrz	F	0		
	2		1			"	S				
	3		1			"	S				
	4		2			"	S				
	5					"	S				
	6		1			"	S				
	7					"	S				
	8					"	S				
	9					"	S				
	0	017-100				"	S				
	1			1AP		"	F				
	2		1			"	S				
	3					"	S				
	4					"	S				
	5		1			"	S				
	6					"	S				
	7					"	S				
	8		10	1AP		"	S				
	9		2			"	S				
	0	017-110	1			"	S				
	1					"	S				
	2					"	S				
	3					"	S				
	4					"	S				
	5					"	S				
	6					"	S				
	7					"	S				
	8					"	S				
	9					"	S				
	0	017-120	10			"	S				

NORTHERN GOLD N.L.

HOLE No. IO-017

DRILLING LOG SHEET

FL	DEPTH 100 TO	SAMPLE No.	Qtz%	Sulf%	Fe ₂ O ₃	ROCK TYPE	COLOR	DESCRIPTION		FABRIC	COMMENTS
								OXID	H ₂ O		
	1	017-121	1			PAZ	DGrn	F	W		
	2		10			/	/	//	/		
	3		1			/	/	/	/		
	4		1			/	/	/	/		
	5		5			/	/	/	/		
	6		1			/	/	//	/		
	7					/	/	/	/		
	8					/	/	/	/		
	9					/	/	/	/		
	0	017-130	1			/	/	/	/		
	1					/	/	/	/		
	2		2			/	/	/	/		
	3		7	IPY		/	/	/	/		
	4			IPY		/	/	/	/		
	5					/	/	/	/		
	6					/	/	/	/		
	7					/	/	/	/		
	8		1			/	/	/	/		
	9					/	/	/	/		
	0	017-140				/	/	/	/		
	1		5			/	/	/	/		
	2		5			/	DGrn/Bra	/	/		
	3		5	IPY		/	/	/	/		
	4		2	IPY		/	/	/	/		
	5		1			/	DGrn	/	/		
	6					/	/	/	/		
	7					/	/	/	/		
	8		1			/	/	/	/		
	9					/	/	/	/		
	0	017-150				/	/	/	/		

NORTHERN GOLD N.L.

HOLE No. D5017

DRILLING LOG SHEET

DEPTH 10m TO	SAMPLE No.	Qtz%	Sulf%	Fe ₂ O ₃	ROCK TYPE	COLOR	DESCRIPTION OXIDATION ALTERATION	FUEL	COMMENTS
1	017 151	1			PdZ	DGr	F W		
2		10			1	1	1		
3		1			1	1	1		
4		1			1	1	1		
5					1	1	1		
6		5			1	1	1		
7		70			1	1	1		
8		2	1P1		1	1	1		
9		10			1	1	1		
0	017 160	1			1	1	1		
1		1			1	1	1		
2					1	1	1		
3		1	1P1		1	1	1		
4		1			1	1	1		
5		1			1	1	1		
6		1			1	1	1		
7					1	1	1		
8		10			1	1	1		
9					1	1	1		
0	017 170				1	1	1		
1					1	1	1		
2					1	1	1		
3		2			1	1	1		
4		1			1	1	1		
5					1	1	1		
6					1	1	1		
7		1			1	1	1		
8					1	1	1		
9					1	1	1		
0	017 180	1			1	1	1		

EOH

FG8 32-33m

NORTHERN GOLD N.L.

Drill Hole Data Sheet 1995

Hole No. F05 018

Tenement SEL 9541

Co ordinates 414640 E
62580 N

- RL

Drill Hole Type RC

Drill Rig RLD 150

Date Started 10 Nov

Collar Inclination - 60

Sample Series: From 018001 To 018160

Water Flow.....

Prospect Ios (6200N)

Logged By Shuckles

Cross Section.....

Long Section.....

Completed / Abandoned

Driller JEFF / Gower

Finished.....

Direction 90

Surveyed: Depth 40m Dip 4170

Depth 80m Dip 400

Depth 120m Dip 350

Depth 159m Dip 320

Remarks.....

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NORTHERN GOLD N.L.

HOLE No. *IO-018*

DRILLING LOG SHEET

FL	DEPTH m TO	SAMPLE No.	Qtz%	Sulf%	Fe ₂ O ₃	ROCK TYPE	COLOR	DESCRIPTION		FABRIC	COMMENTS
								OXIDE	H ₂ O		
	1	018-001				Cl	Pr	W	D		
	2		1			col	Gr	"	"		
	3		2			"	"	"	"		
	4					Pst	Tan/br	"	"		
	5					"	Tan/oliv	"	"		
	6					"	"	"	"		
	7					"	"	"	"		
	8					"	"	"	"		
	9		20			"	"	"	"		
	0	018-010	1			"	"	"	"		
	1					"	"	"	"		
	2					"	DBr/oliv	"	"		
	3		2			"	"	"	"	clark	
	4					"	"	"	"	"	
	5					"	"	"	"	"	
	6					"	DBr	"	"		
	7			IPY		"	"	"	"		
	8					"	"	"	"		
	9					"	"	"	"		
	0	018-020		IPY		"	"	"	"		
	1		1			"	"	"	"		
	2					"	"	"	"		
	3					"	"	"	"		
	4					"	"	"	"		
	5		2	IPY		"	"	"	"		
	6			IPY		"	"	"	"		
	7			IPY		"	"	"	"		
	8					"	"	"	"		
	9			IPY		"	"	"	"		
	0	018-030				"	"	"	"		

NORTHERN GOLD N.L.

HOLE No. 50-018

DRILLING LOG SHEET

Au	DEPTH m TO	SAMPLE No.	Qtz%	Sulf%	Fe ₂ S ₃	Rock Type	Color	DESCRIPTION		Fossil	Comments
								Oxide	H ₂ O		
	1	018 031		1P-1		Pvt	D6ne	F	D		
	2		1	1P-1		"	"	"	"		
	3			1P-1		"	"	"	"		
	4		1	1P-1		"	"	"	"		
	5			1P-1		"	"	"	"		
	6			1P-1		"	"	"	"		
	7			1P-1		"	"	"	"		
	8					"	"	"	"		
	9		1	1P-1		"	"	"	"		
	0	018 040	2	1P-1		"	"	"	"		
	1			1P-1		"	"	"	"		
	2		1	1P-1		"	"	"	"		
	3		1			"	"	"	"		
	4					"	"	"	"		
	5			1P-1		"	"	"	"		
	6			1P-1		"	"	"	"		
	7		5	1P-1		"	"	"	"		
	8					"	"	"	"		
	9		2	1P-1		"	"	"	"		
	0	018 050	1	1P-1		"	"	"	"		
	1			1P-1		P51	"	"	"		
	2		1	2P-1		"	"	"	"		
	3			2P-1		"	"	"	"		
	4		1	1P-1		"	"	"	"		
	5			1P-1		"	"	"	"		
	6					Pvt	"	"	"		
	7					"	"	"	"		
	8					"	"	"	"		
	9					"	"	"	"		
	0	018 060				"	"	"	"		

NORTHERN GOLD N.L.

HOLE No. *IO 2013*

DRILLING LOG SHEET

Au	DEPTH 100 TO	SAMPLE No.	Qtz%	Sulf%	Fe ₂ S ₃	ROCK TYPE	COLOR & Q	DESCRIPTION		FABRIC	COMMENTS
								OXID	H ₂ O		
	1	013 061		1P-1		Pvt	06ne	F	0		
	2		10	2P-1	1	Ps1	"	"	"		
	3			2P-1	1	"	"	"	"		
	4		2	2P-1		"	"	"	"		
	5		2	1P-1		"	"	"	"		
	6		10	2P-1		"	"	"	"		
	7		1			Pvt	0liv/6ne	"	"		
	8		5	1P-1		"	"	"	"		
	9		10			"	"	"	"		
	0	018 070	2	1P-1	1	Ps1	06ne	"	"		
	1		20	5P-1	1	"	"	"	"		
	2		20	2P-1	1	"	"	"	"		
	3		10	2P-1	1	"	"	"	"		
	4		2			Pvt	06ne/1	"	"		
	5		2	1P-1		"	"	"	"		
	6		2	1P-1		"	"	"	"		
	7		1			"	06ne	"	"		
	8		2	1P-1		"	"	"	"		
	9					"	06ne/1liv	"	"		
	0	018 080				"	"	"	"		
	1		2	1P-1		"	"	"	"		
	2					"	"	"	"		
	3			1P-1		"	"	"	"		
	4					"	"	"	"	Chert	
	5		1			"	"	"	"	"	
	6		1			"	"	"	"	"	
	7					"	"	"	"	Spotty	
	8		5			"	"	"	"	"	
	9		15			"	"	"	"	"	
	0	018 090	5			"	06ne	"	"		

540Pd2

NORTHERN GOLD N.L.

HOLE No. 10-215

DRILLING LOG SHEET

DEPTH m TO	SAMPLE No.	Q ₁₂ %	Sulf ₂ %	CO ₂ %	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O ALTERATION	FACIL	COMMENTS
1	018 091				Pdz	Gre br	F D		
2		10	2AP		"	"	" "		Copper min?
3		1			"	DG br	" "		
4		1			"	"	" "		
5					"	"	" "		
6		5			"	"	" "		
7					"	"	" "		
8		1			"	"	" "		
9		2	2PY		"	"	" "		
10	018 100	50	1PY		"	"	" "		
11		10	SPY		"	"	" "		
12		10	SPY		"	Grn br	" "		
13		2	2PY		"	DG br	" "		
14					"	"	" "		
15		10	2PY		"	"	" "		
16		50			"	DG in Brn	" "		
17		2			"	"	" "		
18		1			"	DG br	" "		
19					"	"	" "		
20	018 110				"	"	" "		
21					"	"	" "		
22					"	"	" "		
23		1			"	"	" "		
24					"	"	" "		
25		1	1PY		"	"	" "		
26					"	"	" "		
27					"	"	" "		
28					"	"	" "		
29		20			"	"	" "		white Qtz
30	018 120	2			"	"	" "		

NORTHERN GOLD N.L.

HOLE No. D05018

DRILLING LOG SHEET

DEPTH 100 TO	SAMPLE No.	Qtz%	Sulf%	Fe%	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O	ALTERATION	FABRIC	COMMENTS
1	018 121	2			Pdz	Grn Gr	F D			
2		1			"	"	" "			
3		1			"	D Grn	" "			
4					"	"	" "			
5					"	"	" "			
6					"	"	" "			
7		2			"	"	" "			
8			1Py		"	"	" "			
9					"	"	" "			
0	018 130	1	1Py		"	"	" "			
1					"	"	" "			
2		10	1Py		"	"	" "			
3		5	1Py		"	"	" "			
4		1			"	"	" "			
5		2	1Py		"	Gr Grn	" "			
6		1			"	"	" "			
7		1			"	D Grn	W "			
8					"	"	" "			
9					"	"	" "			
0	018 140				"	"	" "			
1		1	1Py		"	"	" "			
2		5	1Py		"	"	" "			
3		5	1Py		"	D Grn / Brn	" "			Canet?
4		5	2Py		"	"	" "			"
5		20			"	"	" "			"
6		5			"	"	" "			"
7		2			"	D Grn	" "			
8					"	"	" "			
9		5			"	"	" "			
0	018 150	1			"	"	" "			

NORTHERN GOLD N.L.

Drill Hole Data Sheet 1995

Hole No. Ios 19

Prospect Ios

Tenement SL 9591

Logged By SM

Co ordinates 44680 E

Cross Section

62580 N

Long Section

.....RL

Drill Hole Type RC

Completed / ~~Abandoned~~

Drill Rig RCD 150

Driller J. / Gomez

Date Started 9/11/96

Finished 10/11/96

Collar Inclination -60

Direction 090

Sample Series: From 001 To 120

Water Flow

Surveyed: Depth 40 m Dip 50°

Depth 80 m Dip 42°

Depth 117 m Dip 40°

Depth Dip

Remarks

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DATE DRILLED: 10/11/96
DEPTH : 120
NORTHING : 62580
EASTING : 44680

NORTHERN GOLD N.L.

1/4

PROJECT: I05

HOLE No. I05010

DRILLING LOG SHEET

AY.	REF depth	DEPTH TO	SAMPLE No.	TYPE	Am F ₃	ROCK TYPE	COLOR	OXID	W.O	DESCRIPTION ALTERATION	PERC	COMMENTS
		001	001			Soil	brn	08				
		2				Cl	brn	"				
		3				"	"	"				
		4				"	"	"				
		5				"	"	"				
		6				"	"	"				
		7				Prt	brn	"				Pst./P
		8				"	"	"				"
		9				Pst	gy br	"				
		010	010			"	"	"				
		1				"	"	"				
		2				"	"	"				
		3				"	dk gy	"				
		4				"	"	"				
		5				"	"	"				
		6				Prt	gy br	"				Pst./P
		7				"	"	"				"
		8				"	"	"				"
		9				"	"	"				"
		020	020			"	"	"				"
		1				Pst	dk gy	"				
		2				"	"	"				
		3				"	"	"				
		4				"	"	"				
		5				"	"	"				
		6				"	"	"				
		7				Prt	gy br	"				
		8				"	"	"				
		9				Pst	dk gy on	"				Pst./P
		030	030			Prt	gy br	"				Pst./P

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

2/4

HOLE No. 20-01

DRILLING LOG SHEET

43% S

DEPTH 102 TO	SAMPLE No.	TYPE	Rock TYPE	COLOUR	DESCRIPTION	REMARKS	COMMENTS
31	031	1	Prt	slightly	Pn		Psl, P
2			Psl	slightly	"		
3		3	"	"	"		
4		3	Prt	slightly	"		Psl, P
5		2	"	"	"		"
6			"	"	"		"
7			"	"	"		"
8			"	"	"		"
9			"	"	"		"
40	040		"	gn	"		
1			"	"	"		
2		2	"	"	"		
3		2	"	"	"		
4			"	"	"		
5			"	"	"		
6			"	gn	"		
7			"	"	"		
8			"	"	"		
9			"	"	"		
50	050		"	"	"		
1			"	"	"		
2			"	"	"		
3		4	Prt	gn	"		
4			"	"	"		
5			"	"	"		
6		5	"	"	"		
7		1	"	"	"		
8		3	"	"	"		
9		1	"	"	"		
60	060		"	"	"		

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

PAGE

3/4

HOLE No. Ios 014

DRILLING LOG SHEET

Q4-6 5

AM	DEPTH # TO	SAMPLE No.	TYPE	AL ₂ O ₃ RB	ROCK TYPE	COLOR	DESCRIPTION OXID #20 ALTERATION	FROM	COMMENTS
	061	061	1	1	Pd ₂	gray	Fr		
	2		2	1	"	"	"		
	3		1	1	"	"	"		
	4		1	1	"	"	"		
	5		1	1	"	gr	"		
	6		2	1	"	"	"		
	7		1	1	"	"	"		
	8		1	1	"	"	"		
	9		1	1	"	"	"		
	070	070			Pd ₂	"	"		
	1				"	"	"		
	2				"	"	"		
	3		5	1	Pd ₂	"	"		
	4				"	"	"		
	5		10	1	"	"	"		
	6		1	1	"	"	"		
	7		2	1	"	"	"		
	8		1	1	"	"	"		
	9		1	1	"	"	"		
	080	080			"	dkgr	"		
	1		5	1	"	"	"		
	2		5	1	"	"	"		
	3		1	1	"	"	"		
	4		2	1	"	"	"		
	5		2	1	Pd ₂	gr	"		
	6		1	1	"	"	"		
	7		4	1	"	"	"		
	8		1	1	Pd ₂	"	"		
	9		1	1	Pd ₂	"	"		
	090	090	8	1	"	"	"		

TYPE

N = NO SAMPLE

S = SLUDGE

C = CONTAMINATED

NORTHERN GOLD N.L.

4/4

HOLE No. I 05.019

DRILLING LOG SHEET

Q43% S

DEPTH 100 TO	SAMPLE No.	TYPE	ROCK TYPE	COLOUR	DESCRIPTION OXID H ₂ O	REMARKS	COMMENTS
1	091	1	Polz	gr	F ₀ D		
2		15	"	"	"		
3		5	"	lign	"		
4		25	"	"	"		
5		2	"	"	"		
6		5	"	"	"		
7			"	"	"		
8			"	"	"		
9			"	"	"		
100	100		"	"	"		
1		2	"	"	"		
2		20	"	"	"		
3		2	"	"	"		
4			"	"	"		
5			"	"	"		
6		1	"	Dbre/bn	"		
7		2	"	"	"		
8		2	"	"	"		
9		1	"	"	"		
110	110	5	"	"	"		
1			"	"	"		
2		1	"	"	"		
3		1	"	"	"		
4		1	"	"	"		
5		1	"	"	"		
6			"	"	"		
7		20	"	"	"		
8		5	"	"	"		
9		2	"	"	"		
120	120	1	"	"	"		

EOH

TYPE
N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

Drill Hole Data Sheet 1995

Hole No. IO5020.....

Tenement SE 9591.....

Co ordinates 44700 E
62580 N

.....RL

Drill Hole Type Rc.....

Drill Rig RCD 150.....

Date Started 8 Nov 96.....

Collar Inclination -60.....

Sample Series: From 020001 To 020100

Water Flow.....

Prospect IOS (6200N).....

Logged By Shuckles.....

Cross Section.....

Long Section.....

Completed / Abandoned

Driller JEFF / Kame.....

Finished.....

Direction 90.....

Surveyed: Depth 30 : Dip 40 veid

Depth 60 Dip 50°

Depth 99 Dip 48°

Depth.....Dip.....

Remarks.....

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NORTHERN GOLD N.L.

HOLE No. F05020

DRILLING LOG SHEET

Au	DEPTH 100 TO	SAMPLE No.	Qtz%	Sulf%	Fe ₃	ROCK TYPE	COLOR & Q	DESCRIPTION		FUEL	COMMENTS
								OXID	H ₂ O		
	1	020 001	1			Col	Gre/Bra	W	D		
	2		1			Late	Bra/Pd	1	1		
	3		2			Col	Gre/Bra	1	1		
	4		1			"	"	1	1		
	5					"	"	1	1		
	6					"	"	1	1		
	7					"	"	1	1		
	8					"	"	1	1		
	9					Pst	Dbre/oliv	1	1		
	0	020 010				"	"	1	1		
	1					"	"	1	1		
	2		1			"	"	1	1		
	3					"	"	1	1		
	4					"	"	1	1		
	5					"	"	1	1		
	6		1			"	"	1	1		
	7					"	"	1	1		Sp6 Pst
	8					Pst	"	1	1		
	9					"	"	1	1		
	0	020-030				"	"	1	1		
	1					"	"	1	1		Spot 17
	2					"	"	1	1		"
	3					"	Dbre/Bra/oliv	1	1		"
	4					"	"	1	1		"
	5					"	Dbre/oliv	1	1		"
	6		10			"	"	1	1		"
	7		2			"	"	1	1		"
	8		1			"	"	1	1		"
	9		2			"	"	1	1		"
	0	020-040				"	Dbre/oliv/Bra	1	1		"

NORTHERN GOLD N.L.

HOLE No. J02020

DRILLING LOG SHEET

DEPTH m TO	SAMPLE No.	Qtz%	Sulf%	Fe ₂ S ₃	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O	ALTERATION	FACIES	COMMENTS
1	020 031	1			Pdz	Gr brn	F D			
2					"	"	"			
3		1			"	"	"			
4		1			"	"	"			
5		5	1AP		"	D brn	"			
6		2	1AP		"	"	"			
7		1			"	"	"			
8		1	1P-1		"	"	"			
9		1			"	"	"			
0	020 040	5	1P-1		"	"	"			
1		1			"	"	"			
2					"	"	"			
3			2P-1		"	"	"			
4		10	2P-1		"	"	"			
5		1	SP-1		"	"	"			
6		1			"	"	"			
7		50	2P-1		"	"	"			
8		50	1P-1 1AP		"	"	"			
9		2	1P-1		"	"	"			
0	020 - 050	2	1P-1		"	"	"			
1		1			"	"	"			
2		1			"	"	"			
3		1			"	"	"			
4		1			"	"	"			
5		1			"	"	"			
6		5	2P-1		"	"	"			
7		1			"	"	"			
8		1			"	"	"			
9					"	"	"			
0	020 - 060				"	"	"			

NORTHERN GOLD N.L.

HOLE No. *ED020*

DRILLING LOG SHEET

FL	DEPTH 10' TO	SAMPLE No.	Qtz%	Sulf%	Fe ₃	ROCK TYPE	COLOR	DESCRIPTION		FUSIL	COMMENTS
								OXID	H ₂ O		
	1	020 061				Pdz	06v	F	D		
	2					"	"	"	"		
	3		1			"	"	"	"		
	4		1			"	"	"	"		
	5		5			"	"	"	"		
	6		10			"	"	"	"		
	7		5			"	"	"	"		
	8					"	"	"	"		
	9		2			"	"	"	"		
	0	020 070	2	1P		"	"	"	"		
	1					"	"	"	"		
	2					"	"	"	"		
	3		1			"	6v/bv	"	"		
	4		2			"	"	"	"		
	5		1			"	"	"	"		
	6					"	"	"	"		
	7					"	"	"	"		
	8					"	"	"	"		
	9					"	"	"	"		
	0	020 080				"	"	"	"		
	1			1P		"	"	"	"		
	2		1			"	"	"	"		
	3		1			"	"	"	"		
	4					"	"	"	M		
	5		1			"	"	"	"		
	6					"	"	"	"		
	7		1			"	"	"	"		
	8					"	"	"	"		
	9		1	1P		"	"	"	"		
	0	020 090		1P		"	"	"	"		

NORTHERN GOLD N.L.

Drill Hole Data Sheet 1995

Hole No. Ios021

Prospect Ios

Tenement SEL 9591

Logged By SM

Co ordinates 44720 E

Cross Section

62580 N

Long Section

RL

Drill Hole Type RC

Completed / ~~Abandoned~~

Drill Rig RCN150

Driller J. J. Ganes

Date Started 8/19/96

Finished 9/11/96

Collar Inclination -60

Direction 90

Sample Series: From 000 To 080

Water Flow

Surveyed: Depth 40m Dip 52°

Depth 75m Dip 50°

Depth Dip

Depth Dip

Remarks

9/11/18
180
162500
44720

NORTHERN GOLD N.L.

PROJECT: Los

13
HOLE No. 021

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	ROCK TYPE	SLUG	DESCRIPTION	COMMENT
001	001		Col	bn	os	grl / f
2			"	"	"	"
3			"	"	"	"
4		8	"	"	"	"
5			Pvt	"	"	day / f
6			"	"	"	"
7			"	"	"	"
8			Pdz	gn bn	"	
9			"	"	"	
010	010		"	"	"	
1			"	"	"	
2			"	"	"	
3			"	"	"	
4			"	"	"	
5			"	gn	Tn	
6			"	"	"	
7			"	slt	"	
8		3	"	"	Fr	
9		5	"	"	"	
020	020	1	"	"	"	
1			"	"	"	
2			"	"	"	
3		1	"	"	"	
4		1	"	"	"	
5		1	"	"	"	
6		2	"	"	"	
7		10	"	"	"	
8		2	"	"	"	
9		1	"	"	"	
030	030	1	"	"	"	

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

DEPTH Feet	SAMPLE No	TYPE	DESCRIPTION	REMARKS
1	10	10	Pdk	degr
2		1	"	"
3		2	"	"
4		2	"	"
5		1	"	"
6			"	"
7		1	"	"
8		1	"	"
9	1	1	"	"
10	242		"	"
11		10	"	"
12		1	"	"
13		1	"	"
14			"	"
15		1	"	"
16		1	"	"
17			"	"
18		1	"	"
19	1	1	"	"
20	013		"	"
21			"	"
22			"	"
23		2	Pvt	"
24		5	Pdk	"
25		1	"	"
26			Pvt	"
27			Pdk	"
28		2	"	"
29		2	"	"
30	1		"	"

TYPE

N = NO SAMPLE

S = SLUDGE

C = CONTAMINATE

NORTHERN GOLD N.L.

HOLE No. *Las 021*

DRILLING LOG SHEET

Q136 5

A4	DEPTH M TO	SAMPLE No.	TYPE	A4 R.B.	ROCK TYPE	COLOR	DESCRIPTION OXID. TIZO	ALTERATION	FIDELITY	COMMENTS
	061	061	3		Pd2	dk gr	C			
	2		1		"	"	"			
	3		2		Prt	"	"			
	4		1		Pd2	"	"			
	5		1		"	"	"			
	6		1		"	"	"			
	7		2		"	"	"			
	8		2		"	"	"			
	9		1		"	"	"			
	070	070	5		"	"	"			
	1		1		"	"	"			
	2		2		"	"	"			
	3		10		"	"	"			
	4		25		"	"	"			
	5		5		"	71	"			
	6				Prt	"	"			
	7				Prt	"	"			Pd2/c
	8				"	"	"			"
	9				"	"	"			"
	080	080			"	"	"			"
	1									
	2									
	3									
	4									
	5									
	6									
	7									
	8									
	9									
	090	090								

TYPE N = NO SAMPLE
 S = SLUDGE
 C = CONTAMINATED

NORTHERN GOLD N.L.

Drill Hole Data Sheet 1995

Hole No. IOS 022

Tenement SEL 9591

Co ordinates 44660 E

62620 N

- RL

Drill Hole Type RC

Drill Rig RC D 150

Date Started 12 Nov 96

Collar Inclination +60

Sample Series: From 022001 To 022140

Water Flow

Prospect 6200N (IOS)

Logged By Shuckster

Cross Section -

Long Section

Completed / Abandoned

Driller Jeff Bone

Finished

Direction 90

Surveyed: Depth 40m Dip 51°

Depth 70m Dip 38°

Depth 135m Dip 28°

Depth Dip

Remarks

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NORTHERN GOLD N.L.

HOLE No. I 05022

DRILLING LOG SHEET

A	DEPTH m TO	SAMPLE No.	Qtz%	Sulf%	Fe ₃	ROCK TYPE	COLOUR	DESCRIPTION		FABRIC	COMMENTS
								OXID	H ₂ O		
	1	022 001	1			cla	Rd/brn	W	D		
	2		2			col	Rd	"	"		
	3					Pvt	Gre/oliv	"	"		
	4					"	"	"	"		
	5					PSI	oliv/be	"	"	Pst?	
	6					"	"	"	"		
	7					"	"	"	"		
	8					"	"	"	"		
	9					"	"	"	"		
	0	022 010				"	"	"	"		
	1					"	"	"	"		
	2					Pvt	Gre/oliv	"	"		
	3					"	"	"	"		
	4					"	DGre/oliv	"	"		
	5		1			"	"	"	"		
	6		1			"	"	"	"		
	7			IP-1		"	"	F	"		
	8					"	"	"	"		
	9					"	"	"	"		
	0	022 020	2			"	DGr	F	"		
	1		1			"	"	"	"		
	2					"	"	"	"		
	3					"	"	"	"		
	4					"	"	"	"		
	5		1	IP-1		"	"	"	"		
	6		20	IP-1		"	"	"	"		
	7					"	"	"	"		
	8			IP-1		"	"	"	"		
	9					PSI	DGr/be	"	"		
	0	022 030	1	IP-1		"	"	"	"		

NORTHERN GOLD N.L.

HOLE No. *F0532?*
 DRILLING LOG SHEET

Au	DEPTH m TO	SAMPLE No.	Qtz%	Sulf%	Fe%	ROCK TYPE	COLOR	DESCRIPTION		FABRIC	COMMENTS
								OXID	H ₂ O		
	1	022 031		1P1		PS1	D6ac	F	D		
	2			1P1		"	"	"	"		
	3			1P1		Pvt	D6ac	"	"		
	4					"	"	"	"		
	5			1P1		"	"	"	"		
	6					"	"	"	"		
	7					"	"	"	"		
	8					"	"	"	"		
	9		5	1P1		PS1	"	"	"	Pgt?	
	0	022 040	2	1P1	1	"	"	"	"		
	1		1	1P1	1	"	"	"	"		
	2		2	2P1	1	"	"	"	"		
	3		10	1P1	1	"	D6relativ	"	"		
	4		10	1P1		Pvt	"	"	"		
	5		1	1P1		PS1	"	"	"		
	6			SP1		"	"	"	"		
	7		10	1P1		Pvt	"	"	"		
	8		1			PS1	D6rel/bu	"	"		
	9		1			"	"	"	"		
	0	022 050	1	1P1		"	"	"	"		
	1					Pvt	D6ac	"	"		
	2		1	1P1		"	"	"	"		
	3					"	"	"	"		
	4					"	"	"	"		
	5					"	"	"	"		
	6		1	2P1		"	"	"	"		
	7			1P1		"	D6rel/bu	"	"		
	8		2			"	"	"	"		
	9					"	"	"	"		
	0	022 060		SP1		"	"	"	"		

NORTHERN GOLD N.L.

HOLE No. 10022

DRILLING LOG SHEET

DEPTH m TO	SAMPLE No.	Qtz%	Sulf%	Fe%	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O ALTERATION	REMARKS	COMMENTS
1	022 061				Pvt	Oliv/Bru	F D	Spotty	
2					"	"	"	"	
3					"	"	"	"	
4					"	"	"	"	
5					"	Olv	"	"	
6					"	Dbu/Oliv	"	"	
7		2			"	"	"	"	
8		1			"	Dbu	"	"	chert
9					"	"	"	"	
0	022 070				"	"	"	"	
1		1			Pdz	Dbu/Bru	"	"	
2		20	18%		"	Dbu	"	"	
3		1			"	"	"	"	
4		1			"	"	"	"	
5		1			"	"	"	"	
6		2			"	Dbu/Dbu	"	"	
7		1			"	"	"	"	
8		10			"	"	"	"	
9		2			"	Dbu	"	"	
0	022 080				"	"	"	"	
1		1			"	"	"	"	
2		1	3pt	18%	"	Dbu/Bru	"	"	
3		1	2pt	18%	"	"	"	"	
4		2	2pt		"	"	"	"	
5		1			"	"	"	"	
6		5	18%		"	"	"	"	Shen 2
7		1	18%		"	"	"	"	
8					"	"	"	"	
9		1			"	"	"	M	Chlor
0	022 090								

NORTHERN GOLD N.L.

HOLE No. *D-222*

DRILLING LOG SHEET

DEPTH m TO	SAMPLE No.	Qtz%	Sulf%	Fe ₂	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O ALTERATION	FABRIC	COMMENTS
1	022 001				Pd2	D6ru	F D		
2		1			"	"	" "		
3					"	"	" "		
4					"	"	" "		
5		2			"	"	" "		
6		2	1P1		"	"	" "		
7		5	1P1		"	"	" "		
8		30	1P1		"	"	" "		
9		10			"	"	" "		
0	022 100				"	"	" "		
1					"	"	" "		
2		1			"	"	" "		
3					"	"	" "		
4		2			"	"	" "		
5		2			"	"	" "		Pink min?
6					"	"	" "		
7					"	"	" "		
8					"	"	" "		
9					"	"	" "		
0	022 110	1			"	"	" "		
1					"	"	" "		
2		5			"	"	" "		
3		2	1P1		"	"	" "		
4					"	"	" "		
5					"	"	" "		
6		1			"	"	" "		
7			1P1		"	"	" "		
8					"	"	" "		
9		1			"	"	" "		
0	022 120				"	"	" "		

NORTHERN GOLD N.L.

HOLE No. *10022*

DRILLING LOG SHEET

DEPTH 10' TO	SAMPLE No.	Qtz%	Sulf%	Fe ₂	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O ALTERATION	REMARKS	COMMENTS
1	022121				Pdz	D6ru	F D		
2		1			"	"	" "		
3		5			"	"	" "	6aret?	
4		2			"	"	" "		
5		1			"	"	" "		
6		2			"	"	" "		
7					"	"	" "		
8					"	"	" "		
9		5			"	"	" "		
0	022130	1			"	"	" "		
1		2			"	"	" "		
2		5			"	"	" "		
3		5	1P-1		"	"	" "		
4					"	"	" "		
5		5			"	"	" "		
6					"	"	" "		
7					"	"	" "		
8					"	"	" "		
9					"	"	" "		
0	022140	1			"	"	" "		
1					EOH				
2									
3									
4									
5									
6									
7									
8									
9									
0									

NORTHERN GOLD N.L.

Drill Hole Data Sheet 1995

Hole No. F05023

Tenement SEL 9591

Co ordinates 414680 E
62620 N

.....RL

Drill Hole Type RC

Drill Rig RC D 150

Date Started 13 Nov

Collar Inclination -60

Sample Series: From 023001 To 023120

Water Flow.....

Prospect F05(6200N)

Logged By Shuckster

Cross Section.....

Long Section.....

Completed / ~~Abandoned~~

Driller JEFF/60mex

Finished.....

Direction 90

Surveyed: Depth 80 m Dip 4120

Depth 115 m Dip 4110

Depth.....Dip.....

Depth.....Dip.....

Remarks.....

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NORTHERN GOLD N.L.

HOLE No. I05023

DRILLING LOG SHEET

DEPTH m TO	SAMPLE No.	Qz%	Sulf%	Fe ₃	ROCK TYPE	COLOR	DESCRIPTION OXID + H ₂ O	ALTERATION	FABRIC	COMMENTS
1	023001	1			Clay	Brown	W D			
2		1			Pvt	Gre/Brown	" "			
3		1			"	"	" "			
4					"	"	" "			
5					"	D Gre/oliv	" "			
6					"	"	" "			
7					"	"	" "			
8					"	"	" "			
9					PSI	oliv/bre	" "			
0	023010				"	"	" "			
1					"	D Gre/oliv	" "			
2					"	"	" "			
3					"	"	" "			
4					"	"	" "			
5					"	"	" "			
6					"	"	" "			
7					"	"	" "			
8					"	"	" "			
9					"	oliv	T "	oli		
0	023020				"	"	" "			
1		2			Pvt	oliv/D Gre	" "			
2		30	IPY		"	D Gre/oliv	" "			
3					PSI	D Gre	" "			
4		1			"	"	" "			
5		2			Pvt	Gre/oliv/bre	" "			
6					"	"	" "			
7					"	"	" "			
8				IPY	"	D Gre/oliv	" "			
9		1		IPY	"	"	" "			
0	023030	1		IPY	"	D Gre	" "			

NORTHERN GOLD N.L.

HOLE No. D03023

DRILLING LOG SHEET

DEPTH m TO	SAMPLE No.	Qtz%	Sulf%	Fe ₂ S ₃	ROCK TYPE	COLOR	DESCRIPTION OXID H ₂ O ALTERATION	FACIL	COMMENTS
1	023 031	1		2	Psl	Dbue	F D		
2		2	2P1	1	"	"	"		
3		1	1P1	1	"	"	"		
4		1		1	"	"	" W		
5					Pd +	"	" D		
6			1P1		"	"	"		
7		1			"	"	"		
8			1P1		"	"	"		
9		1	1P1		"	"	"		
0	023 040				"	"	"		
1					"	"	"		
2		1			"	Dbue/Drn	"	ch	
3					"	Dbue/oliv	"	"	
4					"	"	"	Spots	
5					"	"	"	"	
6					"	"	"	"	
7		2	1P1		"	"	"	"	
8		1			"	"	"	"	
9		2			"	oliv	"	"	
0	023 050	1	1P1		"	Dbue/oliv	"	"	
1		5			"	Dbue/Drn	"	ch	
2		1	1P1		"	"	"	"	
3					Pdz	Gre brn	"		
4		1			"	"	"		
5		1	1P1		"	"	"		
6		2	1P1		"	"	"		
7		10	2AP		"	"	"		
8		2	1APL		"	"	"		
9		1	1P1		"	"	"		
0	023 060	1	1P1		"	Dbue	"		

NORTHERN GOLD N.L.

HOLE No. F05023

DRILLING LOG SHEET

DEPTH m TO	SAMPLE No.	Qtz	Sulf	Co ₂	ROCK TYPE	COLOR	DESCRIPTION		Fracture	Comments
							Grain Size	Alteration		
1	023 061	5	2 PY 1 PZ		Pdz	D Grn	F	D		
2		1	1 PZ		"	"	"	"		
3					"	"	"	"		
4					"	"	"	"		
5					"	"	"	"		
6		1	2 PY 1 PZ		"	"	"	"		
7		1	5 PY 1 PZ		"	D Grn	"	"		
8			1 PZ		"	D Grn	"	"		
9					"	"	"	"		
0	023 070	1	1 PZ		"	"	"	"		
1		1			"	"	"	"		
2		1			"	"	"	"		
3		2	1 PZ		"	"	"	"		
4		1			"	"	"	"		
5		1			"	"	"	"		
6		1	1 PZ		"	"	"	"		
7			1 PZ		"	"	"	"		
8		1	1 PZ		"	"	"	"		
9		5			"	"	"	"		
0	023 080	1			"	"	"	"		
1					"	"	"	"		
2					"	"	"	"		
3		1			"	"	"	"		
4					"	"	"	"		
5					"	"	"	"		
6			1 PZ		"	Grn / Gr	"	"		
7					"	"	"	"		
8		2	1 PZ		"	"	"	"		
9					"	"	"	"		
0	023 090				"	D Grn	"	"		

NORTHERN GOLD N.L.

HOLE No. IOS 025

DRILLING LOG SHEET

DEPTH m TO	SAMPLE No.	Qtz %	Sulf %	Cor ₃	ROCK TYPE	COLOR	DESCRIPTION		FABRIC	COMMENTS
							Oxide	H ₂ O		
1	023 091				Pdz	D Grn	F	D	chlor	
2		5			"	"	"	"		
3		1			"	"	"	"		
4					"	"	"	"		
5					"	"	"	"		
6		1			"	"	"	"		
7					"	"	"	"		
8		1			"	"	"	"		
9					"	"	"	"		
0	023 100	1			"	"	"	"		
1					"	"	"	"		
2					"	"	"	"		
3					"	"	"	"		
4					"	"	"	"		
5					"	"	"	"		
6		1			"	"	"	"		
7		1			"	"	"	"		
8					"	"	"	"		
9					"	"	"	"		
0	023 110				"	"	"	"		
1			1P-1		"	"	"	"		
2					"	"	"	"		
3					"	"	"	"		
4					"	"	"	"		
5					"	"	"	"		
6		5	1P-1		"	"	"	"		
7		2	1P-1		"	"	"	"		
8		2	1P-1		"	"	"	"		
9		5	2P-1		"	"	"	"		
0	023 120	1	1P-1		"	"	"	"		

E O H

APPENDIX 9

los Prospect Area Second Phase RC Drilling Program Assay Results

Lithological Identification

SOIL

Soil

CLA

Clay

COL

Colluvium

LAT

Laterite

PVT

Tuff/Chert

PSL

Siltstone

PDZ

Zamu Dolerite/Gabbro

PGT

Greywacke

NOTE:- 'L' indicates that the element analysed was below detection

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS004	0	1	4001	L	L	CLA
IOS004	1	2	4002	L		CLA
IOS004	2	3	4003	L		LAT
IOS004	3	4	4004	L		PVT
IOS004	4	5	4005	L		CLA
IOS004	5	6	4006	L		PVT
IOS004	6	7	4007	L		PVT
IOS004	7	8	4008	L		PVT
IOS004	8	9	4009	L		PVT
IOS004	9	10	4010	L		PVT
IOS004	10	11	4011	L		PVT
IOS004	11	12	4012	L		PVT
IOS004	12	13	4013	L		PVT
IOS004	13	14	4014	L		PVT
IOS004	14	15	4015	L		PVT
IOS004	15	16	4016	L		PVT
IOS004	16	17	4017	L	L	PVT
IOS004	17	18	4018	L		PVT
IOS004	18	19	4019	L		PVT
IOS004	19	20	4020	L		PVT
IOS004	20	21	4021	L		PVT
IOS004	21	22	4022	L		PVT
IOS004	22	23	4023	L		PVT
IOS004	23	24	4024	L		PSL
IOS004	24	25	4025	L		PSL
IOS004	25	26	4026	L		PSL
IOS004	26	27	4027	L		PSL
IOS004	27	28	4028	L		PSL
IOS004	28	29	4029	L		PSL
IOS004	29	30	4030	L		PSL
IOS004	30	31	4031	L	L	PVT
IOS004	31	32	4032	L		PVT
IOS004	32	33	4033	L		PVT
IOS004	33	34	4034	L		PVT
IOS004	34	35	4035	L		PVT
IOS004	35	36	4036	L		PVT
IOS004	36	37	4037	L		PVT
IOS004	37	38	4038	L		PVT
IOS004	38	39	4039	L		PVT
IOS004	39	40	4040	L		PSL
IOS004	40	41	4041	L		PSL
IOS004	41	42	4042	L		PSL
IOS004	42	43	4043	L	L	PSL
IOS004	43	44	4044	0.09	0.05	PSL
IOS004	44	45	4045	0.01		PSL
IOS004	45	46	4046	0.01	L	PSL
IOS004	46	47	4047	0.02		PVT
IOS004	47	48	4048	L		PSL
IOS004	48	49	4049	L		PSL
IOS004	49	50	4050	L		PSL
IOS004	50	51	4051	L		PSL
IOS004	51	52	4052	L		PVT

los Prospect Area

RC Drilling Program

Second Phase

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS004	52	53	4053	L		PVT
IOS004	53	54	4054	L		PVT
IOS004	54	55	4055	L		PVT
IOS004	55	56	4056	L		PVT
IOS004	56	57	4057	L		PVT
IOS004	57	58	4058	0.01		PVT
IOS004	58	59	4059	L		PVT
IOS004	59	60	4060	L		PVT
IOS004	60	61	4061	0.02		PDZ
IOS004	61	62	4062	0.02		PDZ
IOS004	62	63	4063	L		PDZ
IOS004	63	64	4064	L	L	PDZ
IOS004	64	65	4065	0.12		PDZ
IOS004	65	66	4066	0.25	0.25	PDZ
IOS004	66	67	4067	0.01		PDZ
IOS004	67	68	4068	0.02		PDZ
IOS004	68	69	4069	0.05	0.07	PDZ
IOS004	69	70	4070	L		PDZ
IOS004	70	71	4071	L		PDZ
IOS004	71	72	4072	L		PDZ
IOS004	72	73	4073	L		PDZ
IOS004	73	74	4074	L		PDZ
IOS004	74	75	4075	L		PDZ
IOS004	75	76	4076	L		PDZ
IOS004	76	77	4077	0.01		PDZ
IOS004	77	78	4078	0.02		PDZ
IOS004	78	79	4079	0.01		PDZ
IOS004	79	80	4080	L		PDZ
IOS004	80	81	4081	L		PDZ
IOS004	81	82	4082	L	L	PDZ
IOS004	82	83	4083	L		PDZ
IOS004	83	84	4084	L		PDZ
IOS004	84	85	4085	L		PDZ
IOS004	85	86	4086	L		PDZ
IOS004	86	87	4087	L		PDZ
IOS004	87	88	4088	0.01		PDZ
IOS004	88	89	4089	L		PDZ
IOS004	89	90	4090	L		PDZ
IOS004	90	91	4091	L		PDZ
IOS004	91	92	4092	L		PDZ
IOS004	92	93	4093	L		PDZ
IOS004	93	94	4094	L		PDZ
IOS004	94	95	4095	L		PDZ
IOS004	95	96	4096	L	L	PDZ
IOS004	96	97	4097	L		PDZ
IOS004	97	98	4098	L		PDZ
IOS004	98	99	4099	L		PDZ
IOS004	99	100	4100	0.01		PDZ
IOS005	0	1	5001	L		CLA
IOS005	1	2	5002	L	L	CLA
IOS005	2	3	5003	0.03		CLA
IOS005	3	4	5004	0.01		CLA

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS005	4	5	5005	L		CLA
IOS005	5	6	5006	0.01		LAT
IOS005	6	7	5007	L		PVT
IOS005	7	8	5008	0.01		PVT
IOS005	8	9	5009	L		PVT
IOS005	9	10	5010	0.01		PVT
IOS005	10	11	5011	L		PVT
IOS005	11	12	5012	L		PVT
IOS005	12	13	5013	L		PVT
IOS005	13	14	5014	L	L	PVT
IOS005	14	15	5015	L	L	PVT
IOS005	15	16	5016	0.02		PSL
IOS005	16	17	5017	L		PSL
IOS005	17	18	5018	L		PSL
IOS005	18	19	5019	0.04		PSL
IOS005	19	20	5020	0.01		PSL
IOS005	20	21	5021	0.04	0.03	PSL
IOS005	21	22	5022	L		PSL
IOS005	22	23	5023	L		PSL
IOS005	23	24	5024	0.11	0.08	PSL
IOS005	24	25	5025	0.02		PSL
IOS005	25	26	5026	0.02		PSL
IOS005	26	27	5027	L	L	PVT
IOS005	27	28	5028	0.01		PVT
IOS005	28	29	5029	0.01		PVT
IOS005	29	30	5030	L		PVT
IOS005	30	31	5031	0.02		PVT
IOS005	31	32	5032	L		PVT
IOS005	32	33	5033	0.18	0.25	PVT
IOS005	33	34	5034	L		PVT
IOS005	34	35	5035	L		PVT
IOS005	35	36	5036	L		PVT
IOS005	36	37	5037	L		PVT
IOS005	37	38	5038	L		PVT
IOS005	38	39	5039	L		PVT
IOS005	39	40	5040	L		PVT
IOS005	40	41	5041	L		PVT
IOS005	41	42	5042	L		PDZ
IOS005	42	43	5043	0.01		PDZ
IOS005	43	44	5044	L		PDZ
IOS005	44	45	5045	L		PDZ
IOS005	45	46	5046	0.48	0.5	PDZ
IOS005	46	47	5047	0.06	0.03	PDZ
IOS005	47	48	5048	0.02		PDZ
IOS005	48	49	5049	L	L	PDZ
IOS005	49	50	5050	0.02		PDZ
IOS005	50	51	5051	0.02		PDZ
IOS005	51	52	5052	L		PDZ
IOS005	52	53	5053	L		PDZ
IOS005	53	54	5054	L		PDZ
IOS005	54	55	5055	L		PDZ
IOS005	55	56	5056	L	L	PDZ

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS005	56	57	5057	0.04		PDZ
IOS005	57	58	5058	0.28	0.29	PDZ
IOS005	58	59	5059	0.03	0.04	PDZ
IOS005	59	60	5060	0.01		PDZ
IOS005	60	61	5061	L		PDZ
IOS005	61	62	5062	L		PDZ
IOS005	62	63	5063	L		PDZ
IOS005	63	64	5064	L		PDZ
IOS005	64	65	5065	L		PDZ
IOS005	65	66	5066	L		PDZ
IOS005	66	67	5067	L	L	PDZ
IOS005	67	68	5068	L		PDZ
IOS005	68	69	5069	L		PDZ
IOS005	69	70	5070	0.02		PDZ
IOS005	70	71	5071	0.03		PDZ
IOS005	71	72	5072	L		PDZ
IOS005	72	73	5073	L		PDZ
IOS005	73	74	5074	L		PDZ
IOS005	74	75	5075	L		PDZ
IOS005	75	76	5076	0.01		PDZ
IOS005	76	77	5077	L		PDZ
IOS005	77	78	5078	L	L	PDZ
IOS005	78	79	5079	L		PDZ
IOS005	79	80	5080	L		PDZ
IOS006	0	1	6001	0.01		LAT
IOS006	1	2	6002	L		LAT
IOS006	2	3	6003	0.01		LAT
IOS006	3	4	6004	L		LAT
IOS006	4	5	6005	L	L	PVT
IOS006	5	6	6006	L		PVT
IOS006	6	7	6007	L		PVT
IOS006	7	8	6008	L		PVT
IOS006	8	9	6009	0.03	0.02	PVT
IOS006	9	10	6010	L		PVT
IOS006	10	11	6011	L		PVT
IOS006	11	12	6012	L		PVT
IOS006	12	13	6013	L		PVT
IOS006	13	14	6014	L		PVT
IOS006	14	15	6015	L		PVT
IOS006	15	16	6016	L		PVT
IOS006	16	17	6017	L		PGT
IOS006	17	18	6018	L		PGT
IOS006	18	19	6019	L		PSL
IOS006	19	20	6020	L	L	PSL
IOS006	20	21	6021	L		PVT
IOS006	21	22	6022	L		PVT
IOS006	22	23	6023	L		PSL
IOS006	23	24	6024	L		PSL
IOS006	24	25	6025	L		PVT
IOS006	25	26	6026	L		PVT
IOS006	26	27	6027	L		PSL
IOS006	27	28	6028	L	L	PSL

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS006	28	29	6029	L		PSL
IOS006	29	30	6030	L		PSL
IOS006	30	31	6031	L		PSL
IOS006	31	32	6032	L		PSL
IOS006	32	33	6033	L		PSL
IOS006	33	34	6034	L		PSL
IOS006	34	35	6035	L		PVT
IOS006	35	36	6036	L		PVT
IOS006	36	37	6037	L		PVT
IOS006	37	38	6038	L		PVT
IOS006	38	39	6039	L		PVT
IOS006	39	40	6040	L		PVT
IOS006	40	41	6041	L		PVT
IOS006	41	42	6042	L		PVT
IOS006	42	43	6043	L		PVT
IOS006	43	44	6044	L		PVT
IOS006	44	45	6045	L		PVT
IOS006	45	46	6046	L	L	PVT
IOS006	46	47	6047	L		PVT
IOS006	47	48	6048	L		PVT
IOS006	48	49	6049	L		PVT
IOS006	49	50	6050	L		PVT
IOS006	50	51	6051	L		PVT
IOS006	51	52	6052	L		PVT
IOS006	52	53	6053	L		PVT
IOS006	53	54	6054	L		PVT
IOS006	54	55	6055	L	L	PVT
IOS006	55	56	6056	L		PVT
IOS006	56	57	6057	L		PVT
IOS006	57	58	6058	L		PVT
IOS006	58	59	6059	L		PVT
IOS006	59	60	6060	L		PVT
IOS006	60	61	6061	L		PVT
IOS006	61	62	6062	L		PVT
IOS006	62	63	6063	L		PVT
IOS006	63	64	6064	L		PVT
IOS006	64	65	6065	L		PVT
IOS006	65	66	6066	L	L	PVT
IOS006	66	67	6067	L	L	PVT
IOS006	67	68	6068	L		PVT
IOS006	68	69	6069	L		PVT
IOS006	69	70	6070	L		PVT
IOS006	70	71	6071	L		PVT
IOS006	71	72	6072	L		PVT
IOS006	72	73	6073	L		PVT
IOS006	73	74	6074	L		PVT
IOS006	74	75	6075	L		PVT
IOS006	75	76	6076	L		PVT
IOS006	76	77	6077	L		PVT
IOS006	77	78	6078	L		PVT
IOS006	78	79	6079	L		PVT
IOS006	79	80	6080	L	L	PVT

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS006	80	81	6081	L		PSL
IOS006	81	82	6082	L		PSL
IOS006	82	83	6083	L		PSL
IOS006	83	84	6084	L		PSL
IOS006	84	85	6085	L		PSL
IOS006	85	86	6086	L		PSL
IOS006	86	87	6087	L		PSL
IOS006	87	88	6088	L		PSL
IOS006	88	89	6089	0.01		PVT
IOS006	89	90	6090	L	L	PVT
IOS006	90	91	6091	L		PVT
IOS006	91	92	6092	L		PVT
IOS006	92	93	6093	L		PVT
IOS006	93	94	6094	L		PVT
IOS006	94	95	6095	0.02		PSL
IOS006	95	96	6096	L		PSL
IOS006	96	97	6097	0.02		PSL
IOS006	97	98	6098	L		PSL
IOS006	98	99	6099	L	L	PSL
IOS006	99	100	6100	L		PSL
IOS006	100	101	6101	L		PSL
IOS006	101	102	6102	L		PSL
IOS006	102	103	6103	L	L	PSL
IOS006	103	104	6104	L		PVT
IOS006	104	105	6105	L		PVT
IOS006	105	106	6106	L		PSL
IOS006	106	107	6107	0.04		PSL
IOS006	107	108	6108	L	L	PVT
IOS006	108	109	6109	0.02		PSL
IOS006	109	110	6110	L		PVT
IOS006	110	111	6111	L		PVT
IOS006	111	112	6112	0.02		PVT
IOS006	112	113	6113	L	0.02	PVT
IOS006	113	114	6114	L		PVT
IOS006	114	115	6115	0.13		PVT
IOS006	115	116	6116	0.09		PVT
IOS006	116	117	6117	L		PVT
IOS006	117	118	6118	0.04	L	PVT
IOS006	118	119	6119	L		PVT
IOS006	119	120	6120	L		PVT
IOS006	120	121	6121	L		PVT
IOS006	121	122	6122	L		PVT
IOS006	122	123	6123	0.1		PVT
IOS006	123	124	6124	0.16	0.16	PDZ
IOS006	124	125	6125	0.16		PDZ
IOS006	125	126	6126	2.3	2.55	PDZ
IOS006	126	127	6127	0.84	0.79	PDZ
IOS006	127	128	6128	0.73	0.78	PDZ
IOS006	128	129	6129	0.38	0.41	PDZ
IOS006	129	130	6130	0.02		PDZ
IOS006	130	131	6131	0.18	0.14	PDZ
IOS006	131	132	6132	0.03		PDZ

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS006	132	133	6133	0.02		PDZ
IOS006	133	134	6134	0.02		PDZ
IOS006	134	135	6135	0.01		PDZ
IOS006	135	136	6136	0.01		PDZ
IOS006	136	137	6137	0.01		PDZ
IOS006	137	138	6138	0.01	0.02	PDZ
IOS006	138	139	6139	0.01		PDZ
IOS006	139	140	6140	0.02		PDZ
IOS006	140	141	6141	0.16	0.12	PDZ
IOS006	141	142	6142	0.01		PDZ
IOS006	142	143	6143	0.01		PDZ
IOS006	143	144	6144	0.05	0.01	PDZ
IOS006	144	145	6145	0.27	0.28	PDZ
IOS006	145	146	6146	0.01		PDZ
IOS006	146	147	6147	0.01	0.01	PDZ
IOS006	147	148	6148	L		PDZ
IOS006	148	149	6149	0.02		PDZ
IOS006	149	150	6150	L		PDZ
IOS006	150	151	6151	L		PDZ
IOS006	151	152	6152	0.02		PDZ
IOS006	152	153	6153	L		PDZ
IOS006	153	154	6154	L		PDZ
IOS006	154	155	6155	L		PDZ
IOS006	155	156	6156	L		PDZ
IOS006	156	157	6157	L		PDZ
IOS006	157	158	6158	L		PDZ
IOS006	158	159	6159	L		PDZ
IOS006	159	160	6160	0.13		PDZ
IOS006	160	161	6161	0.07		PDZ
IOS006	161	162	6162	0.09		PDZ
IOS006	162	163	6163	0.06		PDZ
IOS006	163	164	6164	0.21	0.19	PDZ
IOS006	164	165	6165	0.02		PDZ
IOS006	165	166	6166	0.02		PDZ
IOS006	166	167	6167	0.01		PDZ
IOS006	167	168	6168	0.01		PDZ
IOS006	168	169	6169	0.01		PDZ
IOS006	169	170	6170	0.01	0.02	PDZ
IOS006	170	171	6171	0.02		PDZ
IOS006	171	172	6172	0.1	0.06	PDZ
IOS006	172	173	6173	0.01		PDZ
IOS006	173	174	6174	0.01		PDZ
IOS006	174	175	6175	0.01		PDZ
IOS006	175	176	6176	0.02		PDZ
IOS006	176	177	6177	L		PDZ
IOS006	177	178	6178	0.15		PDZ
IOS006	178	179	6179	L		PDZ
IOS006	179	180	6180	L		PDZ
IOS012	0	1	12001	0.07	0.07	CLA
IOS012	1	2	12002	0.01		LAT
IOS012	2	3	12003	0.01		LAT
IOS012	3	4	12004	0.04		LAT

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS012	4	5	12005	L		PVT
IOS012	5	6	12006	L		PVT
IOS012	6	7	12007	0.01		PVT
IOS012	7	8	12008	L		PVT
IOS012	8	9	12009	0.01		PVT
IOS012	9	10	12010	0.01		PSL
IOS012	10	11	12011	L		PSL
IOS012	11	12	12012	L		PVT
IOS012	12	13	12013	0.03		PVT
IOS012	13	14	12014	L		PVT
IOS012	14	15	12015	0.03	L	PSL
IOS012	15	16	12016	0.03		PSL
IOS012	16	17	12017	0.02		PSL
IOS012	17	18	12018	0.03		PVT
IOS012	18	19	12019	0.03		PVT
IOS012	19	20	12020	L		PVT
IOS012	20	21	12021	L		PVT
IOS012	21	22	12022	L		PVT
IOS012	22	23	12023	L		PVT
IOS012	23	24	12024	0.03		PVT
IOS012	24	25	12025	0.02		PVT
IOS012	25	26	12026	0.04		PVT
IOS012	26	27	12027	0.02		PSL
IOS012	27	28	12028	0.09	0.09	PVT
IOS012	28	29	12029	0.03		PSL
IOS012	29	30	12030	0.06		PVT
IOS012	30	31	12031	0.05		PVT
IOS012	31	32	12032	0.07		PVT
IOS012	32	33	12033	0.36	0.27	PSL
IOS012	33	34	12034	0.04		PVT
IOS012	34	35	12035	0.02		PVT
IOS012	35	36	12036	L	L	PVT
IOS012	36	37	12037	L		PVT
IOS012	37	38	12038	0.02		PVT
IOS012	38	39	12039	0.02		PVT
IOS012	39	40	12040	0.03	0.02	PVT
IOS012	40	41	12041	0.02		PVT
IOS012	41	42	12042	L		PVT
IOS012	42	43	12043	L	0.02	PVT
IOS012	43	44	12044	0.02		PVT
IOS012	44	45	12045	L		PVT
IOS012	45	46	12046	L		PVT
IOS012	46	47	12047	L		PVT
IOS012	47	48	12048	L		PVT
IOS012	48	49	12049	L		PVT
IOS012	49	50	12050	L		PDZ
IOS012	50	51	12051	0.05		PDZ
IOS012	51	52	12052	0.14		PDZ
IOS012	52	53	12053	0.03		PDZ
IOS012	53	54	12054	0.02		PDZ
IOS012	54	55	12055	0.03	0.03	PDZ
IOS012	55	56	12056	0.25	0.24	PDZ

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS012	56	57	12057	0.24	0.29	PDZ
IOS012	57	58	12058	0.57	0.57	PDZ
IOS012	58	59	12059	0.13		PDZ
IOS012	59	60	12060	0.04		PDZ
IOS012	60	61	12061	0.43	0.42	PDZ
IOS012	61	62	12062	0.06		PDZ
IOS012	62	63	12063	0.21	0.18	PDZ
IOS012	63	64	12064	0.05		PDZ
IOS012	64	65	12065	0.15		PDZ
IOS012	65	66	12066	0.1	0.13	PDZ
IOS012	66	67	12067	L		PDZ
IOS012	67	68	12068	L		PDZ
IOS012	68	69	12069	L		PDZ
IOS012	69	70	12070	L		PDZ
IOS012	70	71	12071	0.03		PDZ
IOS012	71	72	12072	0.04		PDZ
IOS012	72	73	12073	0.08		PDZ
IOS012	73	74	12074	0.09		PDZ
IOS012	74	75	12075	0.09		PDZ
IOS012	75	76	12076	0.47	0.38	PDZ
IOS012	76	77	12077	0.11	0.18	PDZ
IOS012	77	78	12078	0.03	0.02	PDZ
IOS012	78	79	12079	0.05		PDZ
IOS012	79	80	12080	0.33	0.27	PDZ
IOS012	80	81	12081	0.1	0.06	PDZ
IOS012	81	82	12082	0.11		PDZ
IOS012	82	83	12083	0.05		PDZ
IOS012	83	84	12084	0.1		PDZ
IOS012	84	85	12085	0.02		PDZ
IOS012	85	86	12086	0.03	0.05	PDZ
IOS012	86	87	12087	L		PDZ
IOS012	87	88	12088	L		PDZ
IOS012	88	89	12089	L		PDZ
IOS012	89	90	12090	0.02		PDZ
IOS012	90	91	12091	L	L	PDZ
IOS012	91	92	12092	L		PDZ
IOS012	92	93	12093	L		PDZ
IOS012	93	94	12094	0.02		PDZ
IOS012	94	95	12095	0.04	0.06	PDZ
IOS012	95	96	12096	0.03	0.02	PDZ
IOS012	96	97	12097	0.03		PDZ
IOS012	97	98	12098	0.03		PDZ
IOS012	98	99	12099	L		PDZ
IOS012	99	100	12100	L		PDZ
IOS014	0	1	14001	0.05	0.07	CLA
IOS014	1	2	14002	0.02		CLA
IOS014	2	3	14003	0.02		CLA
IOS014	3	4	14004	0.02		LAT
IOS014	4	5	14005	0.04		LAT
IOS014	5	6	14006	L		COL
IOS014	6	7	14007	0.04		COL
IOS014	7	8	14008	0.03		CLA

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS014	8	9	14009	0.05		CLA
IOS014	9	10	14010	L		CLA
IOS014	10	11	14011	0.02		PDZ
IOS014	11	12	14012	0.02		PDZ
IOS014	12	13	14013	0.61	0.55	PDZ
IOS014	13	14	14014	0.04	0.05	PDZ
IOS014	14	15	14015	L		PDZ
IOS014	15	16	14016	0.1		PDZ
IOS014	16	17	14017	0.35		PDZ
IOS014	17	18	14018	L		PDZ
IOS014	18	19	14019	0.02		PDZ
IOS014	19	20	14020	L		PDZ
IOS014	20	21	14021	L		PDZ
IOS014	21	22	14022	L		PDZ
IOS014	22	23	14023	L		PDZ
IOS014	23	24	14024	L		PDZ
IOS014	24	25	14025	0.02		PDZ
IOS014	25	26	14026	0.17		PDZ
IOS014	26	27	14027	0.1		PDZ
IOS014	27	28	14028	0.3	0.34	PDZ
IOS014	28	29	14029	0.29		PDZ
IOS014	29	30	14030	0.03		PDZ
IOS014	30	31	14031	0.02		PDZ
IOS014	31	32	14032	0.03		PDZ
IOS014	32	33	14033	0.02		PDZ
IOS014	33	34	14034	0.03		PDZ
IOS014	34	35	14035	0.02		PDZ
IOS014	35	36	14036	L		PDZ
IOS014	36	37	14037	L		PDZ
IOS014	37	38	14038	0.01		PDZ
IOS014	38	39	14039	0.02		PDZ
IOS014	39	40	14040	0.04		PDZ
IOS014	40	41	14041	0.02		PDZ
IOS014	41	42	14042	0.1		PDZ
IOS014	42	43	14043	0.03		PDZ
IOS014	43	44	14044	0.34	0.38	PDZ
IOS014	44	45	14045	L		PDZ
IOS014	45	46	14046	L	L	PDZ
IOS014	46	47	14047	0.02		PDZ
IOS014	47	48	14048	L		PDZ
IOS014	48	49	14049	0.07		PDZ
IOS014	49	50	14050	0.03		PDZ
IOS014	50	51	14051	0.02		PDZ
IOS014	51	52	14052	0.04		PDZ
IOS014	52	53	14053	0.28		PDZ
IOS014	53	54	14054	0.25		PDZ
IOS014	54	55	14055	0.17		PDZ
IOS014	55	56	14056	1.26	1.27	PDZ
IOS014	56	57	14057	0.66		PDZ
IOS014	57	58	14058	0.41		PDZ
IOS014	58	59	14059	0.19		PDZ
IOS014	59	60	14060	0.94	1.07	PDZ

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS014	60	61	14061	0.06	0.04	PDZ
IOS014	61	62	14062	0.64		PDZ
IOS014	62	63	14063	3.04	3.07	PDZ
IOS014	63	64	14064	0.39	0.33	PDZ
IOS014	64	65	14065	1.18		PDZ
IOS014	65	66	14066	2.37	1.93	PDZ
IOS014	66	67	14067	1.35	1.35	PDZ
IOS014	67	68	14068	0.99		PDZ
IOS014	68	69	14069	0.66		PDZ
IOS014	69	70	14070	0.73		PDZ
IOS014	70	71	14071	0.16		PDZ
IOS014	71	72	14072	0.72		PDZ
IOS014	72	73	14073	1.47	1.32	PDZ
IOS014	73	74	14074	28.3	26.5	PDZ
IOS014	74	75	14075	0.07		PVT
IOS014	75	76	14076	0.04		PVT
IOS014	76	77	14077	0.05	0.05	PVT
IOS014	77	78	14078	0.07		PVT
IOS014	78	79	14079	0.15		PVT
IOS014	79	80	14080	0.07	0.05	PVT
IOS014	80	81	14081	0.02		PVT
IOS014	81	82	14082	0.02		PVT
IOS014	82	83	14083	0.12		PVT
IOS014	83	84	14084	0.81	0.8	PVT
IOS014	84	85	14085	1.14		PVT
IOS014	85	86	14086	0.47		PVT
IOS014	86	87	14087	0.06		PVT
IOS014	87	88	14088	0.06		PVT
IOS014	88	89	14089	0.44		PVT
IOS014	89	90	14090	0.68	0.55	PVT
IOS014	90	91	14091	0.48		PVT
IOS014	91	92	14092	0.3	0.34	PVT
IOS014	92	93	14093	0.19		PVT
IOS014	93	94	14094	0.09		PVT
IOS014	94	95	14095	0.1		PVT
IOS014	95	96	14096	0.16		PVT
IOS014	96	97	14097	0.72	0.76	PVT
IOS014	97	98	14098	0.13		PVT
IOS014	98	99	14099	0.24		PVT
IOS014	99	100	14100	0.15	0.15	PVT
IOS015	0	1	15001	0.02		CLA
IOS015	1	2	15002	0.06	0.04	CLA
IOS015	2	3	15003	L		LAT
IOS015	3	4	15004	L		LAT
IOS015	4	5	15005	L		COL
IOS015	5	6	15006	0.02	0.02	COL
IOS015	6	7	15007	L		COL
IOS015	7	8	15008	L		CLA
IOS015	8	9	15009	L		CLA
IOS015	9	10	15010	0.21	0.17	CLA
IOS015	10	11	15011	0.12		CLA
IOS015	11	12	15012	0.06	0.06	CLA

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS015	12	13	15013	0.04		CLA
IOS015	13	14	15014	0.15		CLA
IOS015	14	15	15015	0.04		PDZ
IOS015	15	16	15016	L		PDZ
IOS015	16	17	15017	L		PDZ
IOS015	17	18	15018	L		PDZ
IOS015	18	19	15019	L		PDZ
IOS015	19	20	15020	L		PDZ
IOS015	20	21	15021	L		PDZ
IOS015	21	22	15022	L		PDZ
IOS015	22	23	15023	L		PDZ
IOS015	23	24	15024	L		PDZ
IOS015	24	25	15025	L		PDZ
IOS015	25	26	15026	L		PDZ
IOS015	26	27	15027	0.09	0.1	PDZ
IOS015	27	28	15028	L		PDZ
IOS015	28	29	15029	L		PDZ
IOS015	29	30	15030	L		PDZ
IOS015	30	31	15031	L		PDZ
IOS015	31	32	15032	L		PDZ
IOS015	32	33	15033	L		PDZ
IOS015	33	34	15034	L		PDZ
IOS015	34	35	15035	L		PDZ
IOS015	35	36	15036	L		PDZ
IOS015	36	37	15037	L		PDZ
IOS015	37	38	15038	L		PDZ
IOS015	38	39	15039	L		PDZ
IOS015	39	40	15040	L		PDZ
IOS015	40	41	15041	L		PDZ
IOS015	41	42	15042	L		PDZ
IOS015	42	43	15043	L	L	PDZ
IOS015	43	44	15044	0.22	0.22	PDZ
IOS015	44	45	15045	L		PDZ
IOS015	45	46	15046	0.05		PDZ
IOS015	46	47	15047	0.05	0.05	PDZ
IOS015	47	48	15048	0.03		PDZ
IOS015	48	49	15049	L		PDZ
IOS015	49	50	15050	L		PDZ
IOS015	50	51	15051	0.06		PDZ
IOS015	51	52	15052	L		PDZ
IOS015	52	53	15053	L	L	PDZ
IOS015	53	54	15054	L		PDZ
IOS015	54	55	15055	L		PDZ
IOS015	55	56	15056	0.02	L	PDZ
IOS015	56	57	15057	0.03	0.02	PDZ
IOS015	57	58	15058	L		PDZ
IOS015	58	59	15059	L		PDZ
IOS015	59	60	15060	L		PDZ
IOS015	60	61	15061	0.02		PDZ
IOS015	61	62	15062	L		PDZ
IOS015	62	63	15063	L	L	PDZ
IOS015	63	64	15064	L		PDZ

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS015	64	65	15065	L		PDZ
IOS015	65	66	15066	L	L	PDZ
IOS015	66	67	15067	L		PDZ
IOS015	67	68	15068	L		PDZ
IOS015	68	69	15069	0.04		PDZ
IOS015	69	70	15070	L		PDZ
IOS015	70	71	15071	L		PDZ
IOS015	71	72	15072	L		PDZ
IOS015	72	73	15073	0.02		PDZ
IOS015	73	74	15074	L	L	PDZ
IOS015	74	75	15075	0.41		PDZ
IOS015	75	76	15076	L	L	PDZ
IOS015	76	77	15077	0.02		PDZ
IOS015	77	78	15078	0.1		PDZ
IOS015	78	79	15079	L		PDZ
IOS015	79	80	15080	0.03		PDZ
IOS015	80	81	15081	0.04	0.04	PDZ
IOS015	81	82	15082	L		PDZ
IOS015	82	83	15083	0.13		PDZ
IOS015	83	84	15084	0.02		PDZ
IOS015	84	85	15085	L	L	PDZ
IOS015	85	86	15086	L		PDZ
IOS015	86	87	15087	0.07		PDZ
IOS015	87	88	15088	2.54	2.39	PDZ
IOS015	88	89	15089	1.25	1.1	PDZ
IOS015	89	90	15090	0.41	0.4	PDZ
IOS015	90	91	15091	0.91	0.78	PDZ
IOS015	91	92	15092	0.84		PDZ
IOS015	92	93	15093	0.36		PDZ
IOS015	93	94	15094	0.18		PDZ
IOS015	94	95	15095	0.15		PDZ
IOS015	95	96	15096	0.11		PDZ
IOS015	96	97	15097	0.04		PDZ
IOS015	97	98	15098	0.03		PDZ
IOS015	98	99	15099	0.26	0.39	PDZ
IOS015	99	100	15100	0.38	0.27	PDZ
IOS015	100	101	15101	0.15		PDZ
IOS015	101	102	15102	0.22		PDZ
IOS015	102	103	15103	0.19		PDZ
IOS015	103	104	15104	0.6		PDZ
IOS015	104	105	15105	1.13	1.22	PDZ
IOS015	105	106	15106	0.44		PDZ
IOS015	106	107	15107	0.36		PDZ
IOS015	107	108	15108	0.03		PDZ
IOS015	108	109	15109	0.39	0.35	PDZ
IOS015	109	110	15110	0.13		PDZ
IOS015	110	111	15111	0.59	0.67	PDZ
IOS015	111	112	15112	2.58	2.3	PDZ
IOS015	112	113	15113	2.13	1.85	PDZ
IOS015	113	114	15114	1.49	1.47	PDZ
IOS015	114	115	15115	0.1		PDZ
IOS015	115	116	15116	0.06		PDZ

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS015	116	117	15117	0.02		PDZ
IOS015	117	118	15118	0.08		PDZ
IOS015	118	119	15119	0.21		PDZ
IOS015	119	120	15120	0.13		PDZ
IOS015	120	121	15121	1.52	1.63	PDZ
IOS015	121	122	15122	2.39	2.22	PDZ
IOS015	122	123	15123	1.32	1.42	PDZ
IOS015	123	124	15124	0.35		PDZ
IOS015	124	125	15125	L		PVT
IOS015	125	126	15126	0.03	0.03	PVT
IOS015	126	127	15127	0.03		PVT
IOS015	127	128	15128	1.12	1.18	PVT
IOS015	128	129	15129	0.14		PVT
IOS015	129	130	15130	0.12		PVT
IOS015	130	131	15131	0.2		PVT
IOS015	131	132	15132	0.39		PVT
IOS015	132	133	15133	0.1	0.06	PVT
IOS015	133	134	15134	0.04		PVT
IOS015	134	135	15135	0.03		PVT
IOS015	135	136	15136	0.19		PVT
IOS015	136	137	15137	L		PVT
IOS015	137	138	15138	L		PVT
IOS015	138	139	15139	0.04		PVT
IOS015	139	140	15140	0.06		PVT
IOS016	0	1	16001	0.02		CLA
IOS016	1	2	16002	0.02		CLA
IOS016	2	3	16003	L		COL
IOS016	3	4	16004	0.02		COL
IOS016	4	5	16005	0.04		COL
IOS016	5	6	16006	0.17		COL
IOS016	6	7	16007	0.19		CLA
IOS016	7	8	16008	0.3	0.32	CLA
IOS016	8	9	16009	0.05	0.08	CLA
IOS016	9	10	16010	L		CLA
IOS016	10	11	16011	L		CLA
IOS016	11	12	16012	L		CLA
IOS016	12	13	16013	0.03		CLA
IOS016	13	14	16014	0.27	0.23	CLA
IOS016	14	15	16015	0.03		PDZ
IOS016	15	16	16016	0.06		PDZ
IOS016	16	17	16017	0.1	0.08	PDZ
IOS016	17	18	16018	L		PDZ
IOS016	18	19	16019	0.02		PDZ
IOS016	19	20	16020	0.02		PDZ
IOS016	20	21	16021	0.42	0.56	PDZ
IOS016	21	22	16022	0.9	1.11	PDZ
IOS016	22	23	16023	0.11		PDZ
IOS016	23	24	16024	0.24		PDZ
IOS016	24	25	16025	0.27	0.32	PDZ
IOS016	25	26	16026	0.09		PDZ
IOS016	26	27	16027	0.06		PDZ
IOS016	27	28	16028	0.04		PDZ

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS016	28	29	16029	0.05		PDZ
IOS016	29	30	16030	0.02		PDZ
IOS016	30	31	16031	0.23		PDZ
IOS016	31	32	16032	0.04		PDZ
IOS016	32	33	16033	0.16	0.2	PDZ
IOS016	33	34	16034	0.11		PDZ
IOS016	34	35	16035	0.21		PDZ
IOS016	35	36	16036	0.02		PDZ
IOS016	36	37	16037	0.31	0.2	PDZ
IOS016	37	38	16038	0.07		PDZ
IOS016	38	39	16039	0.02		PDZ
IOS016	39	40	16040	0.05		PDZ
IOS016	40	41	16041	0.02	0.02	PDZ
IOS016	41	42	16042	L		PDZ
IOS016	42	43	16043	L		PDZ
IOS016	43	44	16044	0.02		PDZ
IOS016	44	45	16045	0.03		PDZ
IOS016	45	46	16046	0.11	0.12	PDZ
IOS016	46	47	16047	0.04		PDZ
IOS016	47	48	16048	0.04		PDZ
IOS016	48	49	16049	L	L	PDZ
IOS016	49	50	16050	L		PDZ
IOS016	50	51	16051	0.15	0.12	PDZ
IOS016	51	52	16052	L		PDZ
IOS016	52	53	16053	L		PDZ
IOS016	53	54	16054	0.09	0.13	PDZ
IOS016	54	55	16055	0.02		PDZ
IOS016	55	56	16056	0.11		PDZ
IOS016	56	57	16057	L	L	PDZ
IOS016	57	58	16058	L		PDZ
IOS016	58	59	16059	0.05		PDZ
IOS016	59	60	16060	0.02		PDZ
IOS016	60	61	16061	0.52	0.73	PDZ
IOS016	61	62	16062	0.74	0.89	PDZ
IOS016	62	63	16063	L		PDZ
IOS016	63	64	16064	L		PDZ
IOS016	64	65	16065	L		PDZ
IOS016	65	66	16066	L	L	PDZ
IOS016	66	67	16067	L		PDZ
IOS016	67	68	16068	L		PDZ
IOS016	68	69	16069	L		PDZ
IOS016	69	70	16070	L		PDZ
IOS016	70	71	16071	0.11	0.11	PDZ
IOS016	71	72	16072	L		PDZ
IOS016	72	73	16073	L		PDZ
IOS016	73	74	16074	L	L	PDZ
IOS016	74	75	16075	L		PDZ
IOS016	75	76	16076	L		PDZ
IOS016	76	77	16077	L		PDZ
IOS016	77	78	16078	L		PDZ
IOS016	78	79	16079	L		PDZ
IOS016	79	80	16080	L		PDZ

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS016	80	81	16081	L		PDZ
IOS016	81	82	16082	L	L	PDZ
IOS016	82	83	16083	L		PDZ
IOS016	83	84	16084	L		PDZ
IOS016	84	85	16085	L		PDZ
IOS016	85	86	16086	L		PDZ
IOS016	86	87	16087	L		PDZ
IOS016	87	88	16088	L		PDZ
IOS016	88	89	16089	L		PDZ
IOS016	89	90	16090	3.21	2.65	PDZ
IOS016	90	91	16091	1.2	1.01	PDZ
IOS016	91	92	16092	0.53		PDZ
IOS016	92	93	16093	0.28		PDZ
IOS016	93	94	16094	0.12		PDZ
IOS016	94	95	16095	0.09		PDZ
IOS016	95	96	16096	0.07		PDZ
IOS016	96	97	16097	L		PDZ
IOS016	97	98	16098	L	L	PDZ
IOS016	98	99	16099	0.06		PDZ
IOS016	99	100	16100	L		PDZ
IOS016	100	101	16101	0.02		PDZ
IOS016	101	102	16102	L		PDZ
IOS016	102	103	16103	L		PDZ
IOS016	103	104	16104	L		PDZ
IOS016	104	105	16105	L		PDZ
IOS016	105	106	16106	0.34	0.4	PDZ
IOS016	106	107	16107	0.22		PDZ
IOS016	107	108	16108	L		PDZ
IOS016	108	109	16109	0.18		PDZ
IOS016	109	110	16110	0.91		PDZ
IOS016	110	111	16111	0.25		PDZ
IOS016	111	112	16112	0.14		PDZ
IOS016	112	113	16113	0.03		PDZ
IOS016	113	114	16114	L	L	PDZ
IOS016	114	115	16115	L		PDZ
IOS016	115	116	16116	L		PDZ
IOS016	116	117	16117	0.15		PDZ
IOS016	117	118	16118	0.07		PDZ
IOS016	118	119	16119	3.32	2.27	PDZ
IOS016	119	120	16120	0.23	0.27	PDZ
IOS016	120	121	16121	L	L	PDZ
IOS016	121	122	16122	0.38		PDZ
IOS016	122	123	16123	L		PDZ
IOS016	123	124	16124	0.08		PDZ
IOS016	124	125	16125	0.2		PDZ
IOS016	125	126	16126	0.13		PDZ
IOS016	126	127	16127	1.64	1.65	PDZ
IOS016	127	128	16128	L		PDZ
IOS016	128	129	16129	0.09	0.05	PDZ
IOS016	129	130	16130	0.02		PDZ
IOS016	130	131	16131	0.18		PDZ
IOS016	131	132	16132	0.36		PDZ

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS016	132	133	16133	2.43	2.38	PDZ
IOS016	133	134	16134	1.38		PDZ
IOS016	134	135	16135	0.59		PDZ
IOS016	135	136	16136	1.03	1.06	PDZ
IOS016	136	137	16137	1.64	1.85	PDZ
IOS016	137	138	16138	0.44		PDZ
IOS016	138	139	16139	0.11		PDZ
IOS016	139	140	16140	0.05	0.05	PDZ
IOS016	140	141	16141	L		PDZ
IOS016	141	142	16142	0.01		PDZ
IOS016	142	143	16143	0.01		PDZ
IOS016	143	144	16144	0.36	0.4	PDZ
IOS016	144	145	16145	2.29		PDZ
IOS016	145	146	16146	0.36	0.33	PDZ
IOS016	146	147	16147	1.3	1.13	PDZ
IOS016	147	148	16148	0.28		PDZ
IOS016	148	149	16149	0.48		PDZ
IOS016	149	150	16150	0.65		PDZ
IOS016	150	151	16151	0.64		PDZ
IOS016	151	152	16152	0.91	0.77	PDZ
IOS016	152	153	16153	0.17	0.14	PVT
IOS016	153	154	16154	0.23		PVT
IOS016	154	155	16155	0.41		PVT
IOS016	155	156	16156	0.27		PVT
IOS016	156	157	16157	1.12	0.99	PVT
IOS016	157	158	16158	0.8		PVT
IOS016	158	159	16159	0.37		PVT
IOS017	0	1	17001	L		CLA
IOS017	1	2	17002	L		LAT
IOS017	2	3	17003	0.02		LAT
IOS017	3	4	17004	0.03	0.02	CLA
IOS017	4	5	17005	L		COL
IOS017	5	6	17006	L		COL
IOS017	6	7	17007	L		COL
IOS017	7	8	17008	L		COL
IOS017	8	9	17009	L	L	COL
IOS017	9	10	17010	L		COL
IOS017	10	11	17011	L		COL
IOS017	11	12	17012	L		COL
IOS017	12	13	17013	L		COL
IOS017	13	14	17014	L	L	COL
IOS017	14	15	17015	0.02		PVT
IOS017	15	16	17016	L		PVT
IOS017	16	17	17017	0.02		PVT
IOS017	17	18	17018	L		PVT
IOS017	18	19	17019	L		PVT
IOS017	19	20	17020	L		PVT
IOS017	20	21	17021	L		PVT
IOS017	21	22	17022	0.84	0.76	PVT
IOS017	22	23	17023	L		PVT
IOS017	23	24	17024	0.07	0.07	PVT
IOS017	24	25	17025	0.04		PVT

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS017	25	26	17026	L		PVT
IOS017	26	27	17027	0.1		PVT
IOS017	27	28	17028	0.06		PDZ
IOS017	28	29	17029	0.04		PDZ
IOS017	29	30	17030	L		PDZ
IOS017	30	31	17031	0.18	0.23	PDZ
IOS017	31	32	17032	0.05	0.09	PDZ
IOS017	32	33	17033	0.08		PDZ
IOS017	33	34	17034	0.08		PDZ
IOS017	34	35	17035	0.05		PDZ
IOS017	35	36	17036	1.07	0.95	PDZ
IOS017	36	37	17037	0.03		PDZ
IOS017	37	38	17038	0.06	0.06	PDZ
IOS017	38	39	17039	0.04		PDZ
IOS017	39	40	17040	0.06	0.04	PDZ
IOS017	40	41	17041	0.04		PDZ
IOS017	41	42	17042	L		PDZ
IOS017	42	43	17043	0.07		PDZ
IOS017	43	44	17044	0.53	0.42	PDZ
IOS017	44	45	17045	0.17		PDZ
IOS017	45	46	17046	0.02	0.03	PDZ
IOS017	46	47	17047	0.02		PDZ
IOS017	47	48	17048	0.06		PDZ
IOS017	48	49	17049	L		PDZ
IOS017	49	50	17050	0.03		PDZ
IOS017	50	51	17051	0.03		PDZ
IOS017	51	52	17052	0.15		PDZ
IOS017	52	53	17053	0.05		PDZ
IOS017	53	54	17054	0.07		PDZ
IOS017	54	55	17055	0.03		PDZ
IOS017	55	56	17056	0.12		PDZ
IOS017	56	57	17057	0.05		PDZ
IOS017	57	58	17058	0.01		PDZ
IOS017	58	59	17059	L		PDZ
IOS017	59	60	17060	L		PDZ
IOS017	60	61	17061	L	0.02	PDZ
IOS017	61	62	17062	1.61	1.56	PDZ
IOS017	62	63	17063	0.08		PDZ
IOS017	63	64	17064	0.03		PDZ
IOS017	64	65	17065	L		PDZ
IOS017	65	66	17066	0.01		PDZ
IOS017	66	67	17067	0.03	0.02	PDZ
IOS017	67	68	17068	0.05		PDZ
IOS017	68	69	17069	0.02		PDZ
IOS017	69	70	17070	0.17		PDZ
IOS017	70	71	17071	0.18	0.14	PDZ
IOS017	71	72	17072	0.16		PDZ
IOS017	72	73	17073	0.14		PDZ
IOS017	73	74	17074	0.09		PDZ
IOS017	74	75	17075	0.09		PDZ
IOS017	75	76	17076	0.02		PDZ
IOS017	76	77	17077	0.01		PDZ

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS017	77	78	17078	0.06		PDZ
IOS017	78	79	17079	0.04		PDZ
IOS017	79	80	17080	0.01		PDZ
IOS017	80	81	17081	0.14		PDZ
IOS017	81	82	17082	0.04		PDZ
IOS017	82	83	17083	0.03		PDZ
IOS017	83	84	17084	0.04	0.03	PDZ
IOS017	84	85	17085	0.05		PDZ
IOS017	85	86	17086	0.04		PDZ
IOS017	86	87	17087	0.05		QTZ
IOS017	87	88	17088	0.28	0.25	PDZ
IOS017	88	89	17089	0.05		PDZ
IOS017	89	90	17090	0.35	0.41	PDZ
IOS017	90	91	17091	0.03		PDZ
IOS017	91	92	17092	0.08		PDZ
IOS017	92	93	17093	0.07		PDZ
IOS017	93	94	17094	0.02		PDZ
IOS017	94	95	17095	0.01		PDZ
IOS017	95	96	17096	0.1		PDZ
IOS017	96	97	17097	0.12	0.11	PDZ
IOS017	97	98	17098	0.02		PDZ
IOS017	98	99	17099	0.09		PDZ
IOS017	99	100	17100	L	0.01	PDZ
IOS017	100	101	17101	0.07		PDZ
IOS017	101	102	17102	0.02		PDZ
IOS017	102	103	17103	L		PDZ
IOS017	103	104	17104	L		PDZ
IOS017	104	105	17105	L		PDZ
IOS017	105	106	17106	0.01		PDZ
IOS017	106	107	17107	0.01		PDZ
IOS017	107	108	17108	0.37	0.37	PDZ
IOS017	108	109	17109	1.71	1.85	PDZ
IOS017	109	110	17110	0.03		PDZ
IOS017	110	111	17111	0.01	0.01	PDZ
IOS017	111	112	17112	0.03		PDZ
IOS017	112	113	17113	0.03		PDZ
IOS017	113	114	17114	0.01		PDZ
IOS017	114	115	17115	L		PDZ
IOS017	115	116	17116	0.03		PDZ
IOS017	116	117	17117	0.02		PDZ
IOS017	117	118	17118	L		PDZ
IOS017	118	119	17119	L		PDZ
IOS017	119	120	17120	L		PDZ
IOS017	120	121	17121	L		PDZ
IOS017	121	122	17122	0.41	0.43	PDZ
IOS017	122	123	17123	0.01		PDZ
IOS017	123	124	17124	0.01		PDZ
IOS017	124	125	17125	0.05		PDZ
IOS017	125	126	17126	0.06		PDZ
IOS017	126	127	17127	L		PDZ
IOS017	127	128	17128	0.02		PDZ
IOS017	128	129	17129	0.01	0.02	PDZ

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS017	129	130	17130	0.01		PDZ
IOS017	130	131	17131	0.01		PDZ
IOS017	131	132	17132	0.37	0.43	PDZ
IOS017	132	133	17133	0.02		PDZ
IOS017	133	134	17134	0.01		PDZ
IOS017	134	135	17135	0.03		PDZ
IOS017	135	136	17136	0.14		PDZ
IOS017	136	137	17137	0.02		PDZ
IOS017	137	138	17138	0.07		PDZ
IOS017	138	139	17139	0.02		PDZ
IOS017	139	140	17140	0.05	0.09	PDZ
IOS017	140	141	17141	0.02		PDZ
IOS017	141	142	17142	0.33		PDZ
IOS017	142	143	17143	0.29		PDZ
IOS017	143	144	17144	0.26	0.35	PDZ
IOS017	144	145	17145	0.28		PDZ
IOS017	145	146	17146	0.12		PDZ
IOS017	146	147	17147	0.31		PDZ
IOS017	147	148	17148	0.49	0.4	PDZ
IOS017	148	149	17149	0.02		PDZ
IOS017	149	150	17150	L	L	PDZ
IOS017	150	151	17151	0.45	0.36	PDZ
IOS017	151	152	17152	0.08		PDZ
IOS017	152	153	17153	0.03		PDZ
IOS017	153	154	17154	0.02		PDZ
IOS017	154	155	17155	0.02		PDZ
IOS017	155	156	17156	0.23	0.23	PDZ
IOS017	156	157	17157	0.07		PDZ
IOS017	157	158	17158	0.09		PDZ
IOS017	158	159	17159	0.02		PDZ
IOS017	159	160	17160	0.01	0.03	PDZ
IOS017	160	161	17161	0.01		PDZ
IOS017	161	162	17162	0.02		PDZ
IOS017	162	163	17163	0.02		PDZ
IOS017	163	164	17164	0.01		PDZ
IOS017	164	165	17165	0.02		PDZ
IOS017	165	166	17166	0.58	0.69	PDZ
IOS017	166	167	17167	0.09		PDZ
IOS017	167	168	17168	0.09		PDZ
IOS017	168	169	17169	0.08		PDZ
IOS017	169	170	17170	0.11		PDZ
IOS017	170	171	17171	0.06		PDZ
IOS017	171	172	17172	0.02		PDZ
IOS017	172	173	17173	0.01		PDZ
IOS017	173	174	17174	0.02	0.03	PDZ
IOS017	174	175	17175	0.02		PDZ
IOS017	175	176	17176	0.12	0.13	PDZ
IOS017	176	177	17177	0.01		PDZ
IOS017	177	178	17178	L	L	PDZ
IOS017	178	179	17179	0.03		PDZ
IOS017	179	180	17180	0.82	0.79	PDZ
IOS018	0	1	18001	L		CLA

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS018	1	2	18002	L		COL
IOS018	2	3	18003	L		COL
IOS018	3	4	18004	L		PVT
IOS018	4	5	18005	L		PVT
IOS018	5	6	18006	0.05	0.09	PVT
IOS018	6	7	18007	L		PVT
IOS018	7	8	18008	L	L	PVT
IOS018	8	9	18009	L		PVT
IOS018	9	10	18010	L		PVT
IOS018	10	11	18011	L		PVT
IOS018	11	12	18012	L		PVT
IOS018	12	13	18013	L		PVT
IOS018	13	14	18014	L		PVT
IOS018	14	15	18015	L		PVT
IOS018	15	16	18016	L		PVT
IOS018	16	17	18017	0.01		PVT
IOS018	17	18	18018	L	L	PVT
IOS018	18	19	18019	L		PVT
IOS018	19	20	18020	L		PVT
IOS018	20	21	18021	L		PVT
IOS018	21	22	18022	L		PVT
IOS018	22	23	18023	L		PVT
IOS018	23	24	18024	L		PVT
IOS018	24	25	18025	L		PVT
IOS018	25	26	18026	L		PVT
IOS018	26	27	18027	L		PVT
IOS018	27	28	18028	L		PVT
IOS018	28	29	18029	L		PVT
IOS018	29	30	18030	L		PVT
IOS018	30	31	18031	0.01	L	PVT
IOS018	31	32	18032	L		PVT
IOS018	32	33	18033	0.01		PVT
IOS018	33	34	18034	L		PVT
IOS018	34	35	18035	L		PVT
IOS018	35	36	18036	L		PVT
IOS018	36	37	18037	L		PVT
IOS018	37	38	18038	L		PVT
IOS018	38	39	18039	L		PVT
IOS018	39	40	18040	L		PVT
IOS018	40	41	18041	L		PVT
IOS018	41	42	18042	L		PVT
IOS018	42	43	18043	L	L	PVT
IOS018	43	44	18044	L		PVT
IOS018	44	45	18045	L	L	PVT
IOS018	45	46	18046	L		PVT
IOS018	46	47	18047	0.02		PVT
IOS018	47	48	18048	L		PVT
IOS018	48	49	18049	L		PVT
IOS018	49	50	18050	0.02		PVT
IOS018	50	51	18051	L		PSL
IOS018	51	52	18052	0.03		PSL
IOS018	52	53	18053	L		PSL

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS018	53	54	18054	L		PSL
IOS018	54	55	18055	L		PSL
IOS018	55	56	18056	L		PVT
IOS018	56	57	18057	L	L	PVT
IOS018	57	58	18058	0.04		PVT
IOS018	58	59	18059	0.02		PVT
IOS018	59	60	18060	L		PVT
IOS018	60	61	18061	0.03		PVT
IOS018	61	62	18062	L		PSL
IOS018	62	63	18063	0.02		PSL
IOS018	63	64	18064	0.02		PSL
IOS018	64	65	18065	0.02		PSL
IOS018	65	66	18066	0.03		PSL
IOS018	66	67	18067	0.09		PVT
IOS018	67	68	18068	0.35	0.27	PVT
IOS018	68	69	18069	0.33	0.39	PVT
IOS018	69	70	18070	0.09		PSL
IOS018	70	71	18071	0.04		PSL
IOS018	71	72	18072	0.05	0.03	PSL
IOS018	72	73	18073	0.07		PSL
IOS018	73	74	18074	0.61	0.59	PSL
IOS018	74	75	18075	0.1		PVT
IOS018	75	76	18076	0.09		PVT
IOS018	76	77	18077	0.06		PVT
IOS018	77	78	18078	0.17		PVT
IOS018	78	79	18079	0.07		PVT
IOS018	79	80	18080	0.13		PVT
IOS018	80	81	18081	0.13		PVT
IOS018	81	82	18082	0.12		PVT
IOS018	82	83	18083	0.03		PVT
IOS018	83	84	18084	0.3	0.32	PVT
IOS018	84	85	18085	0.03		PVT
IOS018	85	86	18086	0.03		PVT
IOS018	86	87	18087	0.04		PVT
IOS018	87	88	18088	L		PVT
IOS018	88	89	18089	0.09		PVT
IOS018	89	90	18090	0.1		PVT
IOS018	90	91	18091	0.07	0.05	PDZ
IOS018	91	92	18092	1.1	0.92	PDZ
IOS018	92	93	18093	0.38		PDZ
IOS018	93	94	18094	L		PDZ
IOS018	94	95	18095	0.07		PDZ
IOS018	95	96	18096	2.43	2.1	PDZ
IOS018	96	97	18097	0.66	0.66	PDZ
IOS018	97	98	18098	1.66	1.4	PDZ
IOS018	98	99	18099	0.39		PDZ
IOS018	99	100	18100	0.14		PDZ
IOS018	100	101	18101	16.4	17.4	PDZ
IOS018	101	102	18102	4.44	4.37	PDZ
IOS018	102	103	18103	3.16	3	PDZ
IOS018	103	104	18104	0.07		PDZ
IOS018	104	105	18105	0.83		PDZ

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS018	105	106	18106	0.52		PDZ
IOS018	106	107	18107	0.22	0.25	PDZ
IOS018	107	108	18108	0.03		PDZ
IOS018	108	109	18109	0.02		PDZ
IOS018	109	110	18110	L		PDZ
IOS018	110	111	18111	0.02		PDZ
IOS018	111	112	18112	0.02		PDZ
IOS018	112	113	18113	L		PDZ
IOS018	113	114	18114	0.03		PDZ
IOS018	114	115	18115	L		PDZ
IOS018	115	116	18116	0.01		PDZ
IOS018	116	117	18117	0.02		PDZ
IOS018	117	118	18118	L		PDZ
IOS018	118	119	18119	0.03		PDZ
IOS018	119	120	18120	L		PDZ
IOS018	120	121	18121	L		PDZ
IOS018	121	122	18122	L		PDZ
IOS018	122	123	18123	L	L	PDZ
IOS018	123	124	18124	L		PDZ
IOS018	124	125	18125	L		PDZ
IOS018	125	126	18126	L		PDZ
IOS018	126	127	18127	0.04	0.05	PDZ
IOS018	127	128	18128	L		PDZ
IOS018	128	129	18129	L		PDZ
IOS018	129	130	18130	L		PDZ
IOS018	130	131	18131	0.16		PDZ
IOS018	131	132	18132	L		PDZ
IOS018	132	133	18133	0.02		PDZ
IOS018	133	134	18134	0.03		PDZ
IOS018	134	135	18135	0.02		PDZ
IOS018	135	136	18136	0.04		PDZ
IOS018	136	137	18137	0.02		PDZ
IOS018	137	138	18138	0.05	0.03	PDZ
IOS018	138	139	18139	0.02		PDZ
IOS018	139	140	18140	0.04		PDZ
IOS018	140	141	18141	0.04		PDZ
IOS018	141	142	18142	1.38	1.39	PDZ
IOS018	142	143	18143	0.54	0.57	PDZ
IOS018	143	144	18144	0.11		PDZ
IOS018	144	145	18145	0.61	0.55	PDZ
IOS018	145	146	18146	0.48	0.4	PDZ
IOS018	146	147	18147	0.02		PDZ
IOS018	147	148	18148	0.1		PDZ
IOS018	148	149	18149	0.17		PDZ
IOS018	149	150	18150	0.06		PDZ
IOS018	150	151	18151	0.03		PDZ
IOS018	151	152	18152	0.03		PDZ
IOS018	152	153	18153	0.03		PDZ
IOS018	153	154	18154	0.05		PDZ
IOS018	154	155	18155	0.03	0.05	PDZ
IOS018	155	156	18156	0.07		PDZ
IOS018	156	157	18157	0.03		PDZ

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS018	157	158	18158	0.03		PDZ
IOS018	158	159	18159	0.04		PDZ
IOS018	159	160	18160	0.26	0.24	PDZ
IOS019	0	1	19001	0.02		CLA
IOS019	1	2	19002	L		COL
IOS019	2	3	19003	0.03		COL
IOS019	3	4	19004	L		COL
IOS019	4	5	19005	0.02		COL
IOS019	5	6	19006	0.1		COL
IOS019	6	7	19007	L	L	PVT
IOS019	7	8	19008	L		PVT
IOS019	8	9	19009	L		PSL
IOS019	9	10	19010	L		PSL
IOS019	10	11	19011	L		PSL
IOS019	11	12	19012	L		PSL
IOS019	12	13	19013	L		PSL
IOS019	13	14	19014	L		PSL
IOS019	14	15	19015	L		PSL
IOS019	15	16	19016	L		PVT
IOS019	16	17	19017	L	L	PVT
IOS019	17	18	19018	L		PVT
IOS019	18	19	19019	L		PVT
IOS019	19	20	19020	0.02	0.02	PVT
IOS019	20	21	19021	L		PSL
IOS019	21	22	19022	L		PSL
IOS019	22	23	19023	L		PSL
IOS019	23	24	19024	0.32	0.43	PSL
IOS019	24	25	19025	0.5	0.43	PSL
IOS019	25	26	19026	0.06		PSL
IOS019	26	27	19027	0.02		PVT
IOS019	27	28	19028	0.04		PVT
IOS019	28	29	19029	0.21	0.27	PSL
IOS019	29	30	19030	0.1	0.06	PVT
IOS019	30	31	19031	L		PVT
IOS019	31	32	19032	L		PSL
IOS019	32	33	19033	L		PSL
IOS019	33	34	19034	L		PVT
IOS019	34	35	19035	0.13		PVT
IOS019	35	36	19036	L		PVT
IOS019	36	37	19037	0.02	0.03	PVT
IOS019	37	38	19038	0.17		PVT
IOS019	38	39	19039	0.05		PVT
IOS019	39	40	19040	0.03		PVT
IOS019	40	41	19041	0.04	0.03	PVT
IOS019	41	42	19042	0.09		PVT
IOS019	42	43	19043	0.34	0.38	PVT
IOS019	43	44	19044	0.21		PVT
IOS019	44	45	19045	0.04		PVT
IOS019	45	46	19046	0.23		PVT
IOS019	46	47	19047	0.19		PVT
IOS019	47	48	19048	0.02		PVT
IOS019	48	49	19049	L		PVT

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS019	49	50	19050	L		PVT
IOS019	50	51	19051	0.02		PVT
IOS019	51	52	19052	0.05		PVT
IOS019	52	53	19053	0.15		PDZ
IOS019	53	54	19054	0.02		PDZ
IOS019	54	55	19055	0.04		PDZ
IOS019	55	56	19056	0.22		PDZ
IOS019	56	57	19057	0.35		PDZ
IOS019	57	58	19058	0.68	0.58	PDZ
IOS019	58	59	19059	0.65		PDZ
IOS019	59	60	19060	0.06		PDZ
IOS019	60	61	19061	0.1		PDZ
IOS019	61	62	19062	1.33		PDZ
IOS019	62	63	19063	0.3	0.25	PDZ
IOS019	63	64	19064	0.97	0.94	PDZ
IOS019	64	65	19065	1.37	1.42	PDZ
IOS019	65	66	19066	1.5	1.4	PDZ
IOS019	66	67	19067	0.15		PDZ
IOS019	67	68	19068	0.02		PDZ
IOS019	68	69	19069	L	L	PDZ
IOS019	69	70	19070	0.02		PDZ
IOS019	70	71	19071	L		PDZ
IOS019	71	72	19072	0.03		PDZ
IOS019	72	73	19073	L		PDZ
IOS019	73	74	19074	0.26		PDZ
IOS019	74	75	19075	3.45	3.39	PDZ
IOS019	75	76	19076	0.65		PDZ
IOS019	76	77	19077	0.05		PDZ
IOS019	77	78	19078	0.03		PDZ
IOS019	78	79	19079	0.03		PDZ
IOS019	79	80	19080	L		PDZ
IOS019	80	81	19081	L	L	PDZ
IOS019	81	82	19082	L		PDZ
IOS019	82	83	19083	L		PDZ
IOS019	83	84	19084	L		PDZ
IOS019	84	85	19085	L		PDZ
IOS019	85	86	19086	L		PDZ
IOS019	86	87	19087	L		PDZ
IOS019	87	88	19088	L		PDZ
IOS019	88	89	19089	L		PDZ
IOS019	89	90	19090	0.03		PDZ
IOS019	90	91	19091	L		PDZ
IOS019	91	92	19092	0.18	0.26	PDZ
IOS019	92	93	19093	0.03	0.05	PDZ
IOS019	93	94	19094	L		PDZ
IOS019	94	95	19095	0.05		PDZ
IOS019	95	96	19096	0.01		PDZ
IOS019	96	97	19097	0.01		PDZ
IOS019	97	98	19098	0.01		PDZ
IOS019	98	99	19099	0.01		PDZ
IOS019	99	100	19100	L		PDZ
IOS019	100	101	19101	L		PDZ

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS019	101	102	19102	L		PDZ
IOS019	102	103	19103	0.01		PDZ
IOS019	103	104	19104	0.06		PDZ
IOS019	104	105	19105	L		PDZ
IOS019	105	106	19106	L	0.01	PDZ
IOS019	106	107	19107	0.02		PDZ
IOS019	107	108	19108	0.01		PDZ
IOS019	108	109	19109	0.01		PDZ
IOS019	109	110	19110	L		PDZ
IOS019	110	111	19111	0.01		PDZ
IOS019	111	112	19112	L		PDZ
IOS019	112	113	19113	L		PDZ
IOS019	113	114	19114	L		PDZ
IOS019	114	115	19115	0.02		PDZ
IOS019	115	116	19116	0.01		PDZ
IOS019	116	117	19117	0.01		PDZ
IOS019	117	118	19118	L		PDZ
IOS019	118	119	19119	0.02		PDZ
IOS019	119	120	19120	0.05		PDZ
IOS020	0	1	20001	0.98	1.06	COL
IOS020	1	2	20002	0.01	0.03	LAT
IOS020	2	3	20003	0.06		COL
IOS020	3	4	20004	0.05		COL
IOS020	4	5	20005	0.04		COL
IOS020	5	6	20006	L		COL
IOS020	6	7	20007	L		COL
IOS020	7	8	20008	L		COL
IOS020	8	9	20009	0.39	0.31	PSL
IOS020	9	10	20010	0.02		PSL
IOS020	10	11	20011	L		PSL
IOS020	11	12	20012	0.02		PSL
IOS020	12	13	20013	0.02		PSL
IOS020	13	14	20014	0.16		PSL
IOS020	14	15	20015	0.01		PSL
IOS020	15	16	20016	L		PSL
IOS020	16	17	20017	L		PSL
IOS020	17	18	20018	0.03		PVT
IOS020	18	19	20019	0.03		PVT
IOS020	19	20	20020	1.05	1.15	PVT
IOS020	20	21	20021	0.57		PVT
IOS020	21	22	20022	0.07		PVT
IOS020	22	23	20023	0.09		PVT
IOS020	23	24	20024	0.16		PVT
IOS020	24	25	20025	0.07		PVT
IOS020	25	26	20026	0.05	0.05	PVT
IOS020	26	27	20027	0.17		PVT
IOS020	27	28	20028	0.08		PVT
IOS020	28	29	20029	0.09		PVT
IOS020	29	30	20030	0.07		PVT
IOS020	30	31	20031	1.56	1.27	PDZ
IOS020	31	32	20032	3.2	3.28	PDZ

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Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS020	32	33	20033	0.38		PDZ
IOS020	33	34	20034	0.38		PDZ
IOS020	34	35	20035	0.33		PDZ
IOS020	35	36	20036	0.7	0.58	PDZ
IOS020	36	37	20037	0.49		PDZ
IOS020	37	38	20038	0.49		PDZ
IOS020	38	39	20039	2.86	2.73	PDZ
IOS020	39	40	20040	1.05	0.9	PDZ
IOS020	40	41	20041	0.71	0.82	PDZ
IOS020	41	42	20042	1.54	1.34	PDZ
IOS020	42	43	20043	0.14		PDZ
IOS020	43	44	20044	0.18		PDZ
IOS020	44	45	20045	0.72		PDZ
IOS020	45	46	20046	2.15	2.03	PDZ
IOS020	46	47	20047	0.35	0.4	PDZ
IOS020	47	48	20048	1.27	1.05	PDZ
IOS020	48	49	20049	0.08		PDZ
IOS020	49	50	20050	0.04		PDZ
IOS020	50	51	20051	0.04		PDZ
IOS020	51	52	20052	L		PDZ
IOS020	52	53	20053	0.13		PDZ
IOS020	53	54	20054	L		PDZ
IOS020	54	55	20055	L		PDZ
IOS020	55	56	20056	0.08		PDZ
IOS020	56	57	20057	L		PDZ
IOS020	57	58	20058	L	L	PDZ
IOS020	58	59	20059	0.03		PDZ
IOS020	59	60	20060	0.05		PDZ
IOS020	60	61	20061	L		PDZ
IOS020	61	62	20062	L		PDZ
IOS020	62	63	20063	0.25		PDZ
IOS020	63	64	20064	L		PDZ
IOS020	64	65	20065	0.07		PDZ
IOS020	65	66	20066	0.03		PDZ
IOS020	66	67	20067	0.02		PDZ
IOS020	67	68	20068	0.02		PDZ
IOS020	68	69	20069	0.02		PDZ
IOS020	69	70	20070	L		PDZ
IOS020	70	71	20071	L		PDZ
IOS020	71	72	20072	L		PDZ
IOS020	72	73	20073	L	L	PDZ
IOS020	73	74	20074	L		PDZ
IOS020	74	75	20075	L		PDZ
IOS020	75	76	20076	L		PDZ
IOS020	76	77	20077	L		PDZ
IOS020	77	78	20078	L		PDZ
IOS020	78	79	20079	0.01		PDZ
IOS020	79	80	20080	L		PDZ
IOS020	80	81	20081	L		PDZ
IOS020	81	82	20082	0.02		PDZ
IOS020	82	83	20083	0.02		PDZ
IOS020	83	84	20084	L		PDZ

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS020	84	85	20085	0.02		PDZ
IOS020	85	86	20086	0.01	0.01	PDZ
IOS020	86	87	20087	0.02		PDZ
IOS020	87	88	20088	0.01		PDZ
IOS020	88	89	20089	L		PDZ
IOS020	89	90	20090	0.01		PDZ
IOS020	90	91	20091	0.01		PDZ
IOS020	91	92	20092	0.02		PDZ
IOS020	92	93	20093	L		PDZ
IOS020	93	94	20094	L		PDZ
IOS020	94	95	20095	0.01		PDZ
IOS020	95	96	20096	L		PDZ
IOS020	96	97	20097	0.01	0.02	PDZ
IOS020	97	98	20098	0.76	0.83	PDZ
IOS020	98	99	20099	0.12		PDZ
IOS020	99	100	20100	0.28		PDZ
IOS021	0	1	21001	L		COL
IOS021	1	2	21002	0.01		COL
IOS021	2	3	21003	L		COL
IOS021	3	4	21004	0.09	0.11	COL
IOS021	4	5	21005	0.05		PVT
IOS021	5	6	21006	0.02		PVT
IOS021	6	7	21007	0.03		PVT
IOS021	7	8	21008	2.41	2.35	PDZ
IOS021	8	9	21009	0.18	0.16	PDZ
IOS021	9	10	21010	0.03		PDZ
IOS021	10	11	21011	0.03		PDZ
IOS021	11	12	21012	0.03		PDZ
IOS021	12	13	21013	0.01		PDZ
IOS021	13	14	21014	0.01		PDZ
IOS021	14	15	21015	0.01		PDZ
IOS021	15	16	21016	L		PDZ
IOS021	16	17	21017	0.01		PDZ
IOS021	17	18	21018	0.29		PDZ
IOS021	18	19	21019	0.1	0.09	PDZ
IOS021	19	20	21020	0.03		PDZ
IOS021	20	21	21021	0.02		PDZ
IOS021	21	22	21022	0.01	L	PDZ
IOS021	22	23	21023	0.01		PDZ
IOS021	23	24	21024	L		PDZ
IOS021	24	25	21025	L		PDZ
IOS021	25	26	21026	0.45	0.41	PDZ
IOS021	26	27	21027	0.4		PDZ
IOS021	27	28	21028	0.28		PDZ
IOS021	28	29	21029	0.02		PDZ
IOS021	29	30	21030	0.23		PDZ
IOS021	30	31	21031	7.57	4.11	PDZ
IOS021	31	32	21032	1.9	1.99	PDZ
IOS021	32	33	21033	0.81	0.8	PDZ
IOS021	33	34	21034	0.12		PDZ
IOS021	34	35	21035	0.02		PDZ
IOS021	35	36	21036	0.01		PDZ

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Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS021	36	37	21037	0.01		PDZ
IOS021	37	38	21038	0.01		PDZ
IOS021	38	39	21039	0.05		PDZ
IOS021	39	40	21040	0.05		PDZ
IOS021	40	41	21041	0.03		PDZ
IOS021	41	42	21042	0.01		PDZ
IOS021	42	43	21043	0.04		PDZ
IOS021	43	44	21044	L		PDZ
IOS021	44	45	21045	L	0.01	PDZ
IOS021	45	46	21046	L		PDZ
IOS021	46	47	21047	L	L	PDZ
IOS021	47	48	21048	L		PDZ
IOS021	48	49	21049	L		PDZ
IOS021	49	50	21050	0.01		PDZ
IOS021	50	51	21051	0.39		PDZ
IOS021	51	52	21052	0.07	0.08	PVT
IOS021	52	53	21053	0.07	0.04	PDZ
IOS021	53	54	21054	0.07		PDZ
IOS021	54	55	21055	0.16		PVT
IOS021	55	56	21056	L		PDZ
IOS021	56	57	21057	0.01		PDZ
IOS021	57	58	21058	0.01	L	PDZ
IOS021	58	59	21059	0.01		PDZ
IOS021	59	60	21060	L	0.01	PDZ
IOS021	60	61	21061	L		PDZ
IOS021	61	62	21062	0.07		PDZ
IOS021	62	63	21063	L		PVT
IOS021	63	64	21064	0.16		PDZ
IOS021	64	65	21065	0.16		PDZ
IOS021	65	66	21066	0.16		PDZ
IOS021	66	67	21067	0.04		PDZ
IOS021	67	68	21068	0.48		PDZ
IOS021	68	69	21069	0.28		PDZ
IOS021	69	70	21070	0.66		PDZ
IOS021	70	71	21071	0.01		PDZ
IOS021	71	72	21072	1.43	1.28	PDZ
IOS021	72	73	21073	1.83	2.17	PDZ
IOS021	73	74	21074	0.3		PDZ
IOS021	74	75	21075	0.03		PDZ
IOS021	75	76	21076	0.01		PVT
IOS021	76	77	21077	L		PVT
IOS021	77	78	21078	0.01		PVT
IOS021	78	79	21079	L	0.01	PVT
IOS021	79	80	21080	0.01		PVT
IOS022	0	1	22001	L		CLA
IOS022	1	2	22002	L		COL
IOS022	2	3	22003	L		PVT
IOS022	3	4	22004	L		PVT
IOS022	4	5	22005	L		PSL
IOS022	5	6	22006	L		PSL
IOS022	6	7	22007	L		PSL
IOS022	7	8	22008	L		PSL

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS022	8	9	22009	L		PSL
IOS022	9	10	22010	L	L	PSL
IOS022	10	11	22011	L		PSL
IOS022	11	12	22012	L		PVT
IOS022	12	13	22013	L		PVT
IOS022	13	14	22014	L		PVT
IOS022	14	15	22015	L		PVT
IOS022	15	16	22016	L		PVT
IOS022	16	17	22017	L	L	PVT
IOS022	17	18	22018	L		PVT
IOS022	18	19	22019	L		PVT
IOS022	19	20	22020	L		PVT
IOS022	20	21	22021	L		PVT
IOS022	21	22	22022	L		PVT
IOS022	22	23	22023	L		PVT
IOS022	23	24	22024	L		PVT
IOS022	24	25	22025	L	L	PVT
IOS022	25	26	22026	L		PVT
IOS022	26	27	22027	L		PVT
IOS022	27	28	22028	L		PVT
IOS022	28	29	22029	L		PSL
IOS022	29	30	22030	L		PSL
IOS022	30	31	22031	L		PSL
IOS022	31	32	22032	L		PSL
IOS022	32	33	22033	L		PVT
IOS022	33	34	22034	L		PVT
IOS022	34	35	22035	L		PVT
IOS022	35	36	22036	L	L	PVT
IOS022	36	37	22037	L		PVT
IOS022	37	38	22038	L		PVT
IOS022	38	39	22039	L		PSL
IOS022	39	40	22040	L		PSL
IOS022	40	41	22041	0.01		PSL
IOS022	41	42	22042	0.13		PSL
IOS022	42	43	22043	0.12		PSL
IOS022	43	44	22044	0.55	0.64	PVT
IOS022	44	45	22045	0.17		PSL
IOS022	45	46	22046	0.91	0.77	PSL
IOS022	46	47	22047	0.21		PVT
IOS022	47	48	22048	0.23		PSL
IOS022	48	49	22049	0.07	0.06	PSL
IOS022	49	50	22050	0.04		PSL
IOS022	50	51	22051	0.2		PVT
IOS022	51	52	22052	0.01		PVT
IOS022	52	53	22053	0.02		PVT
IOS022	53	54	22054	0.01		PVT
IOS022	54	55	22055	0.04		PVT
IOS022	55	56	22056	0.02		PVT
IOS022	56	57	22057	0.18		PVT
IOS022	57	58	22058	0.03		PVT
IOS022	58	59	22059	0.05		PVT
IOS022	59	60	22060	0.02		PVT

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS022	60	61	22061	L	L	PVT
IOS022	61	62	22062	0.04		PVT
IOS022	62	63	22063	0.08		PVT
IOS022	63	64	22064	0.04		PVT
IOS022	64	65	22065	0.11	0.15	PVT
IOS022	65	66	22066	0.04		PVT
IOS022	66	67	22067	0.03		PVT
IOS022	67	68	22068	0.03		PVT
IOS022	68	69	22069	0.02		PVT
IOS022	69	70	22070	0.07		PVT
IOS022	70	71	22071	0.57	0.61	PDZ
IOS022	71	72	22072	0.13		PDZ
IOS022	72	73	22073	0.21		PDZ
IOS022	73	74	22074	0.47	0.44	PDZ
IOS022	74	75	22075	0.24		PDZ
IOS022	75	76	22076	0.46		PDZ
IOS022	76	77	22077	0.82	0.98	PDZ
IOS022	77	78	22078	3.58	4.07	PDZ
IOS022	78	79	22079	0.32	0.23	PDZ
IOS022	79	80	22080	0.05	0.06	PDZ
IOS022	80	81	22081	1.08	1.16	PDZ
IOS022	81	82	22082	6.25	6.96	PDZ
IOS022	82	83	22083	3.01	3.14	PDZ
IOS022	83	84	22084	0.38	0.37	PDZ
IOS022	84	85	22085	0.02		PDZ
IOS022	85	86	22086	0.03		PDZ
IOS022	86	87	22087	0.03	0.02	PDZ
IOS022	87	88	22088	0.09		PDZ
IOS022	88	89	22089	0.07		PDZ
IOS022	89	90	22090	0.02		PDZ
IOS022	90	91	22091	0.03		PDZ
IOS022	91	92	22092	0.02		PDZ
IOS022	92	93	22093	0.01		PDZ
IOS022	93	94	22094	0.01	L	PDZ
IOS022	94	95	22095	0.03		PDZ
IOS022	95	96	22096	0.03		PDZ
IOS022	96	97	22097	0.18	0.13	PDZ
IOS022	97	98	22098	0.31	0.2	PDZ
IOS022	98	99	22099	0.02		PDZ
IOS022	99	100	22100	L		PDZ
IOS022	100	101	22101	L		PDZ
IOS022	101	102	22102	L		PDZ
IOS022	102	103	22103	L		PDZ
IOS022	103	104	22104	0.02		PDZ
IOS022	104	105	22105	0.04		PDZ
IOS022	105	106	22106	L		PDZ
IOS022	106	107	22107	L		PDZ
IOS022	107	108	22108	0.04		PDZ
IOS022	108	109	22109	0.01		PDZ
IOS022	109	110	22110	0.01		PDZ
IOS022	110	111	22111	0.01		PDZ
IOS022	111	112	22112	L		PDZ

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS022	112	113	22113	0.03		PDZ
IOS022	113	114	22114	0.04		PDZ
IOS022	114	115	22115	0.03		PDZ
IOS022	115	116	22116	0.03		PDZ
IOS022	116	117	22117	0.08		PDZ
IOS022	117	118	22118	0.04		PDZ
IOS022	118	119	22119	0.03		PDZ
IOS022	119	120	22120	0.02		PDZ
IOS022	120	121	22121	0.05	0.04	PDZ
IOS022	121	122	22122	0.07		PDZ
IOS022	122	123	22123	0.11	0.1	PDZ
IOS022	123	124	22124	0.06		PDZ
IOS022	124	125	22125	0.07		PDZ
IOS022	125	126	22126	0.02		PDZ
IOS022	126	127	22127	0.01		PDZ
IOS022	127	128	22128	0.02		PDZ
IOS022	128	129	22129	0.02		PDZ
IOS022	129	130	22130	0.05		PDZ
IOS022	130	131	22131	0.01		PDZ
IOS022	131	132	22132	0.17	0.13	PDZ
IOS022	132	133	22133	0.23		PDZ
IOS022	133	134	22134	0.1		PDZ
IOS022	134	135	22135	0.41	0.34	PDZ
IOS022	135	136	22136	L	L	PDZ
IOS022	136	137	22137	L		PDZ
IOS022	137	138	22138	L		PDZ
IOS022	138	139	22139	L		PDZ
IOS022	139	140	22140	1.6	1.68	PDZ
IOS023	0	1	23001	L		CLA
IOS023	1	2	23002	L		PVT
IOS023	2	3	23003	L		PVT
IOS023	3	4	23004	L		PVT
IOS023	4	5	23005	L		PVT
IOS023	5	6	23006	L		PVT
IOS023	6	7	23007	L		PVT
IOS023	7	8	23008	L		PVT
IOS023	8	9	23009	L		PSL
IOS023	9	10	23010	L		PSL
IOS023	10	11	23011	L	L	PSL
IOS023	11	12	23012	L		PSL
IOS023	12	13	23013	L		PSL
IOS023	13	14	23014	L		PSL
IOS023	14	15	23015	L		PSL
IOS023	15	16	23016	L		PSL
IOS023	16	17	23017	L		PSL
IOS023	17	18	23018	L		PSL
IOS023	18	19	23019	L		PSL
IOS023	19	20	23020	L	L	PSL
IOS023	20	21	23021	L		PVT
IOS023	21	22	23022	L		PVT
IOS023	22	23	23023	1.22	1.24	PSL
IOS023	23	24	23024	L		PSL

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS023	24	25	23025	0.3	0.28	PVT
IOS023	25	26	23026	0.1	0.12	PVT
IOS023	26	27	23027	0.24		PVT
IOS023	27	28	23028	0.33		PVT
IOS023	28	29	23029	0.52	0.58	PVT
IOS023	29	30	23030	0.12		PVT
IOS023	30	31	23031	0.07		PSL
IOS023	31	32	23032	0.03		PSL
IOS023	32	33	23033	0.1		PSL
IOS023	33	34	23034	0.1	0.1	PSL
IOS023	34	35	23035	0.07		PVT
IOS023	35	36	23036	L		PVT
IOS023	36	37	23037	L		PVT
IOS023	37	38	23038	L		PVT
IOS023	38	39	23039	L		PVT
IOS023	39	40	23040	L		PVT
IOS023	40	41	23041	0.27	0.21	PVT
IOS023	41	42	23042	0.11		PVT
IOS023	42	43	23043	0.04		PVT
IOS023	43	44	23044	0.03	0.03	PVT
IOS023	44	45	23045	0.19		PVT
IOS023	45	46	23046	0.08	0.09	PVT
IOS023	46	47	23047	0.69	0.52	PVT
IOS023	47	48	23048	0.03		PVT
IOS023	48	49	23049	L		PVT
IOS023	49	50	23050	0.09		PVT
IOS023	50	51	23051	0.44		PVT
IOS023	51	52	23052	0.21		PVT
IOS023	52	53	23053	0.04	0.04	PDZ
IOS023	53	54	23054	0.03	0.04	PDZ
IOS023	54	55	23055	L		PDZ
IOS023	55	56	23056	0.71	0.72	PDZ
IOS023	56	57	23057	1.15	1.08	PDZ
IOS023	57	58	23058	0.71	0.84	PDZ
IOS023	58	59	23059	1.16	1.24	PDZ
IOS023	59	60	23060	0.69		PDZ
IOS023	60	61	23061	0.18		PDZ
IOS023	61	62	23062	0.73	0.75	PDZ
IOS023	62	63	23063	0.18	0.13	PDZ
IOS023	63	64	23064	0.08		PDZ
IOS023	64	65	23065	0.01		PDZ
IOS023	65	66	23066	0.97	0.82	PDZ
IOS023	66	67	23067	4.57	4.14	PDZ
IOS023	67	68	23068	0.88	0.93	PDZ
IOS023	68	69	23069	0.16		PDZ
IOS023	69	70	23070	0.02		PDZ
IOS023	70	71	23071	0.03		PDZ
IOS023	71	72	23072	0.03		PDZ
IOS023	72	73	23073	0.01		PDZ
IOS023	73	74	23074	0.03		PDZ
IOS023	74	75	23075	0.01		PDZ
IOS023	75	76	23076	0.01		PDZ

Hole No.	From	To	Sample No.	Au1 ppm	Au2 ppm	Lithology
IOS023	76	77	23077	0.17		PDZ
IOS023	77	78	23078	0.13		PDZ
IOS023	78	79	23079	0.04		PDZ
IOS023	79	80	23080	0.06		PDZ
IOS023	80	81	23081	0.44	0.43	PDZ
IOS023	81	82	23082	0.06		PDZ
IOS023	82	83	23083	0.03		PDZ
IOS023	83	84	23084	0.09		PDZ
IOS023	84	85	23085	0.14		PDZ
IOS023	85	86	23086	0.04		PDZ
IOS023	86	87	23087	0.04		PDZ
IOS023	87	88	23088	0.02		PDZ
IOS023	88	89	23089	L	L	PDZ
IOS023	89	90	23090	L		PDZ
IOS023	90	91	23091	L		PDZ
IOS023	91	92	23092	L		PDZ
IOS023	92	93	23093	0.03		PDZ
IOS023	93	94	23094	L		PDZ
IOS023	94	95	23095	L		PDZ
IOS023	95	96	23096	L		PDZ
IOS023	96	97	23097	L		PDZ
IOS023	97	98	23098	L		PDZ
IOS023	98	99	23099	L		PDZ
IOS023	99	100	23100	L	0.01	PDZ
IOS023	100	101	23101	0.01		PDZ
IOS023	101	102	23102	L		PDZ
IOS023	102	103	23103	L		PDZ
IOS023	103	104	23104	L		PDZ
IOS023	104	105	23105	L		PDZ
IOS023	105	106	23106	L		PDZ
IOS023	106	107	23107	0.15		PDZ
IOS023	107	108	23108	0.36	0.35	PDZ
IOS023	108	109	23109	0.22		PDZ
IOS023	109	110	23110	0.22		PDZ
IOS023	110	111	23111	0.01		PDZ
IOS023	111	112	23112	L		PDZ
IOS023	112	113	23113	0.01		PDZ
IOS023	113	114	23114	L		PDZ
IOS023	114	115	23115	L		PDZ
IOS023	115	116	23116	0.01		PDZ
IOS023	116	117	23117	L		PDZ
IOS023	117	118	23118	0.07	0.06	PDZ
IOS023	118	119	23119	0.02		PDZ
IOS023	119	120	23120	0.02	0.01	PDZ

APPENDIX 10

los Prospect Area Ore Resource Estimate to May 1997

Ios Prospect

Ore Resource Estimate

May 1997

Mark Glassock,

Ore Reserve Geologist

Northern Gold NL

Report IOMAY97.DOC

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1.0 Introduction

The los prospect lies on EL 7769 approximately 25 kilometres south east of Adelaide River, as shown in the location plan figure 1. Access is via the Stuart Highway to Bridge Creek, thence by existing haul roads and station tracks The los prospect lies within the Mt. Ringwood pastoral lease , PL 718.

1.1 Previous Work

The area has been drill tested by previous lease holders, notably Western Mining Corporation (the prospect was then called 6200N Prospect). Northern Gold completed a RAB and then an RC drilling program during 1994. In all 127 holes, other than region RAB holes, have been drilled for a total of 8112 metres.

Chris Farrelly of Northern Gold NL reported a block model resource in August 1995 of 371,876 tonnes @ 1.78 g/t Au with a 1 g/t Au cut off.

Another 2400 metres of RC infill and extensional drilling was drilled by Northern Gold NL in 1996.

2.0 Regional Setting

EL 7769 covers the northern continuation of the Howley line and the interpreted strike continuation of the Howley Anticline from Bridge Creek in the south to Goodall and Fisher Road in the north. The geology of the area is similar to the Cosmo Howley area and is dominated by rocks of the South Alligator Group and Finniss River Group.

2.1 Prospect Geology and Drilling

Drilling by the previous lease holder leaves some questions unanswered. Most of the significant drill holes are vertical, and provide limited structural data. Drill data is not available for most of the diamond drilling, and the core is no longer available for review. Caution must be exercised when interpreting the results of the resource estimation on the basis of these holes. (*Farrelly et al.*).

The mineralisation at Ios is contained within Zamu Dolerite within two zones of quartz filled sulphide rich shears or faults running parallel to the contact of the Zamu Dolerite and Gerowie Tuff. The nature of the mineralisation within the Zamu dolerite tends to be pod-like, boudinaged, and discontinuous. Thus, interpretation of the ore lenses into continuous zones of mineralisation was difficult so broad mineralised outlines were used.

High grades within some intersections and visible gold recorded during logging attest to the concentration of gold within these shears. A question remains regarding the occurrence of high grade intersections within the diamond core, which, in general, are significantly higher than those seen in RC holes. It is possible that assay sample lengths selected from the diamond core may have preferentially high graded some of the mineralised zones.

3.0 Resource Calculations

3.1 Methodology

A three Dimensional solid model was created, using Gemcom's GS32 software, of the Zamu Dolerite and then of the Ore lodes. Two zones of mineralisation were identified and modelled (L1 and L2). All assays from the exploration drilling falling within these mineralised zones were then extracted into a Gemcom PC-Explore extract file (allass.mex).

A block model was created using Gemcom's PC mine software with block sizes of 2.5m X 2.5m X 2.5m. A full listing of the Block model parameters is shown in Appendix 1.

The strike and dip of these interpreted lode zones were measured, and the deposit was divided into domains of similar trend. This resulted in 6 different domains, each requiring different anisotropic parameters for grade modelling. These domains, and the input parameters for Gemcom's Gemkrige software are shown in Appendix 2.

A 15 g/t Au top cut was applied to all assays.

A bulk density of 2.65 t/m³ was used for all ore. Previously a bulk density of 2.5 t/m³ but with recent bulk density work at other projects we know the Zamu dolerite to have a bulk density of 2.65 to 3.10 t/m³. If any extra work is to be carried out at los some bulk density test work along with metallurgical work should be carried out.

3.2 Search Ellipse Dimensions

Search ellipse dimensions have been chosen on the basis of a drill hole spacing. The measured model generation run was carried out using search dimensions as follows:

- Along strike 25m
- Down dip 25m
- Across dip 3m

Subsequently the indicated model generation run was carried out using search dimensions of 50m along strike, 50m down dip and 3m across dip, with the indicated model using search dimensions of 70m along strike, 70m down dip and 6m across strike process generated grades in areas.

Only resource blocks with a minimum of 49 % falling within the interpreted geological solid were attributed grade.

4.0 Resource Schedule

The los prospect estimated to contain the following mineral resource, at a 0.7 g/t cut off grade.

Classification	Tonnes	g/t Au Cut(15) g/t
Measured	396,520	1.55
Indicated	223,340	1.62
Inferred	192,450	1.63
Total	812,310	1.59

The los prospect estimated to contain the following mineral resource, at a 1.0 g/t cut off grade.

Classification	Tonnes	g/t Au Cut(15) g/t
Measured	259,190	1.94
Indicated	150,960	2.00
Inferred	136,310	1.96
Total	546,470	1.96

This resource is estimated for a range of cut off grades as shown in Appendix 4 with a grade tonnage curve.

5.0 Recommendations

Due to the lack of consistence of the mineralised structures and the fact that the mineralisation does not come to surface, starting at around 10 metres below surface, optimisation should be done to warrant any further drilling or work on the project.

Bulk density work along with metallurgical test work would be warranted if the optimisation shows the deposit to be economic.

Infill drilling on the widely spaced sections and further drilling to the north where drilling intersected high grade mineralisation.

With similar mineralisation being identified 2 kilometres north of los at Sikonos and the structure continuing similar mineralisation could be found along this 2 kilometre zone.

6.0 Bibliography/ References

Farrelly, C. Northern Gold NL Ios Ore Reserves Estimate August 1995.
Northern Gold internal report.

Hancock, S.L. and Muir, R.M. Mount Ringwood joint venture Second annual
report: MLN414-418 "Quest 155", for period 17/2/68 - 16/2/87. Northern
Territory Department of Mines and Energy Open file Report.

Appendix 1

Block Model Parameters

los block model parameters

row	northing	column	easting	level	RL
1	62698.75	1	44651.25	1	73.75
2	62696.25	2	44653.75	2	71.25
3	62693.75	3	44656.25	3	68.75
4	62691.25	4	44658.75	4	66.25
5	62688.75	5	44661.25	5	63.75
6	62686.25	6	44663.75	6	61.25
7	62683.75	7	44666.25	7	58.75
8	62681.25	8	44668.75	8	56.25
9	62678.75	9	44671.25	9	53.75
10	62676.25	10	44673.75	10	51.25
11	62673.75	11	44676.25	11	48.75
12	62671.25	12	44678.75	12	46.25
13	62668.75	13	44681.25	13	43.75
14	62666.25	14	44683.75	14	41.25
15	62663.75	15	44686.25	15	38.75
16	62661.25	16	44688.75	16	36.25
17	62658.75	17	44691.25	17	33.75
18	62656.25	18	44693.75	18	31.25
19	62653.75	19	44696.25	19	28.75
20	62651.25	20	44698.75	20	26.25
21	62648.75	21	44701.25	21	23.75
22	62646.25	22	44703.75	22	21.25
23	62643.75	23	44706.25	23	18.75
24	62641.25	24	44708.75	24	16.25
25	62638.75	25	44711.25	25	13.75
26	62636.25	26	44713.75	26	11.25
27	62633.75	27	44716.25	27	8.75
28	62631.25	28	44718.75	28	6.25
29	62628.75	29	44721.25	29	3.75
30	62626.25	30	44723.75	30	1.25
31	62623.75	31	44726.25	31	-1.25
32	62621.25	32	44728.75	32	-3.75
33	62618.75	33	44731.25	33	-6.25
34	62616.25	34	44733.75	34	-8.75
35	62613.75	35	44736.25	35	-11.25
36	62611.25	36	44738.75	36	-13.75
37	62608.75	37	44741.25	37	-16.25
38	62606.25	38	44743.75	38	-18.75
39	62603.75	39	44746.25	39	-21.25
40	62601.25	40	44748.75	40	-23.75
41	62598.75	41	44751.25	41	-26.25
42	62596.25	42	44753.75	42	-28.75
43	62593.75	43	44756.25	43	-31.25
44	62591.25	44	44758.75	44	-33.75
45	62588.75	45	44761.25	45	-36.25
46	62586.25	46	44763.75	46	-38.75
47	62583.75	47	44766.25	47	-41.25
48	62581.25	48	44768.75	48	-43.75
49	62578.75	49	44771.25	49	-46.25

row	northing	column	easting	level	RL
50	62576.25	50	44773.75	50	-48.75
51	62573.75	51	44776.25	51	-51.25
52	62571.25	52	44778.75	52	-53.75
53	62568.75	53	44781.25	53	-56.25
54	62566.25	54	44783.75	54	-58.75
55	62563.75	55	44786.25	55	-61.25
56	62561.25	56	44788.75	56	-63.75
57	62558.75	57	44791.25	57	-66.25
58	62556.25	58	44793.75	58	-68.75
59	62553.75	59	44796.25	59	-71.25
60	62551.25	60	44798.75	60	-73.75
61	62548.75	61	44801.25	61	-76.25
62	62546.25			62	-78.75
63	62543.75			63	-81.25
64	62541.25			64	-83.75
65	62538.75			65	-86.25
66	62536.25			66	-88.75
67	62533.75			67	-91.25
68	62531.25			68	-93.75
69	62528.75			69	-96.25
70	62526.25			70	-98.75
71	62523.75			71	-101.25
72	62521.25			72	-103.75
73	62518.75			73	-106.25
74	62516.25			74	-108.75
75	62513.75			75	-111.25
76	62511.25			76	-113.75
77	62508.75			77	-116.25
78	62506.25			78	-118.75
79	62503.75			79	-121.25
80	62501.25			80	-123.75
81	62498.75			81	-126.25
82	62496.25				
83	62493.75				
84	62491.25				
85	62488.75				
86	62486.25				
87	62483.75				
88	62481.25				
89	62478.75				
90	62476.25				
91	62473.75				
92	62471.25				
93	62468.75				
94	62466.25				
95	62463.75				
96	62461.25				
97	62458.75				
98	62456.25				
99	62453.75				
100	62451.25				
101	62448.75				

APPENDIX 1

row	northing	column	easting	level	RL
102	62446.25				
103	62443.75				
104	62441.25				
105	62438.75				
106	62436.25				
107	62433.75				
108	62431.25				
109	62428.75				
110	62426.25				
111	62423.75				
112	62421.25				
113	62418.75				
114	62416.25				
115	62413.75				
116	62411.25				
117	62408.75				
118	62406.25				
119	62403.75				
120	62401.25				
121	62398.75				
122	62396.25				
123	62393.75				
124	62391.25				
125	62388.75				
126	62386.25				
127	62383.75				
128	62381.25				
129	62378.75				
130	62376.25				
131	62373.75				
132	62371.25				
133	62368.75				
134	62366.25				
135	62363.75				
136	62361.25				
137	62358.75				
138	62356.25				
139	62353.75				
140	62351.25				
141	62348.75				
142	62346.25				
143	62343.75				
144	62341.25				
145	62338.75				
146	62336.25				
147	62333.75				
148	62331.25				
149	62328.75				
150	62326.25				
151	62323.75				
152	62321.25				
153	62318.75				

APPENDIX 1

row	northing	column	easting	level	RL
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155	62313.75				
156	62311.25				
157	62308.75				
158	62306.25				
159	62303.75				
160	62301.25				
161	62298.75				
162	62296.25				
163	62293.75				
164	62291.25				
165	62288.75				
166	62286.25				
167	62283.75				
168	62281.25				
169	62278.75				
170	62276.25				
171	62273.75				
172	62271.25				
173	62268.75				
174	62266.25				
175	62263.75				
176	62261.25				
177	62258.75				
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179	62253.75				
180	62251.25				
181	62248.75				
182	62246.25				
183	62243.75				
184	62241.25				
185	62238.75				
186	62236.25				
187	62233.75				
188	62231.25				
189	62228.75				
190	62226.25				
191	62223.75				
192	62221.25				
193	62218.75				
194	62216.25				
195	62213.75				
196	62211.25				
197	62208.75				
198	62206.25				
199	62203.75				
200	62201.25				

5/21/97

Appendix 2

Krigging profiles

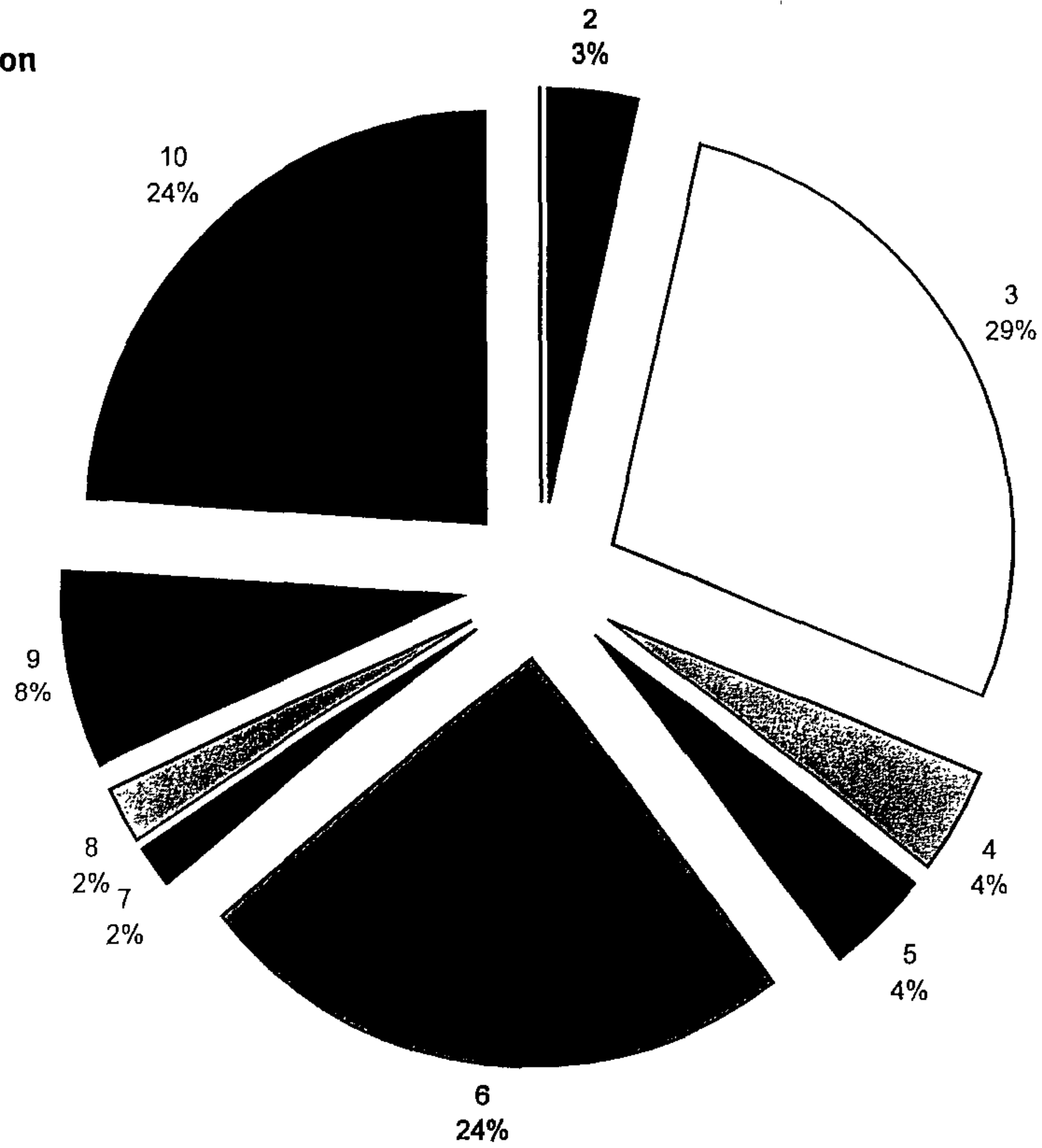
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Meas2	10	10	187	200	1	80	1	70	-65	360	360	0	25	Lode zon	3	25	25	Only sam	15	3	1	1	1			1	c:\pxdb\extract\lodeass mex	
Meas3	10	10	81	166	1	80	1	70	-70	360	360	0	20	Lode zon	3	25	25	Only sam	15	3	1	1	1			1	c:\pxdb\extract\lodeass mex	
Meas4	10	10	72	80	1	80	1	70	-75	360	360	0	15	Lode zon	3	25	25	Only sam	15	3	1	1	1			1	c:\pxdb\extract\lodeass mex	
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Indic2	10	10	187	200	1	80	1	70	-65	360	360	0	25	Lode zon	3	50	50	Only sam	15	3	1	1	1			2	c:\pxdb\extract\lodeass mex	
Indic3	10	10	81	166	1	80	1	70	-70	360	360	0	20	Lode zon	3	50	50	Only sam	15	3	1	1	1			2	c:\pxdb\extract\lodeass mex	
Indic4	10	10	72	80	1	80	1	70	-75	360	360	0	15	Lode zon	3	50	50	Only sam	15	3	1	1	1			2	c:\pxdb\extract\lodeass mex	
Indic5	10	10	40	71	1	80	1	70	-75	340	-340	0	15	Lode zon	3	50	50	Only sam	15	3	1	1	1			2	c:\pxdb\extract\lodeass mex	
Indic6	10	10	1	39	1	80	1	70	-75	360	360	0	15	Lode zon	3	50	50	Only sam	15	3	1	1	1			2	c:\pxdb\extract\lodeass mex	
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Inf2	10	10	187	200	1	80	1	70	-65	360	360	0	25	Lode zon	6	70	70	Only sam	15	3	1	1	1			3	c:\pxdb\extract\lodeass mex	
Inf3	10	10	81	166	1	80	1	70	-70	360	360	0	20	Lode zon	6	70	70	Only sam	15	3	1	1	1			3	c:\pxdb\extract\lodeass mex	
Inf4	10	10	72	80	1	80	1	70	-75	360	360	0	15	Lode zon	6	70	70	Only sam	15	3	1	1	1			3	c:\pxdb\extract\lodeass mex	
Inf5	10	10	40	71	1	80	1	70	-75	340	-340	0	15	Lode zon	6	70	70	Only sam	15	3	1	1	1			3	c:\pxdb\extract\lodeass mex	
Inf6	10	10	1	39	1	80	1	70	-75	360	360	0	15	Lode zon	6	70	70	Only sam	15	3	1	1	1			3	c:\pxdb\extract\lodeass mex	

Appendix 3

Pie Graph of assays used in interpolation

los

Samples used in interpolation
los Measured blocks



5/15/97

Appendix 4

Resource Summary including Grade tonnage curve

los

los block model

CUT-OFF GRADES		class	TONNES X 1000	GRADE g/t Au
from g/t AU	to g/t AU			
3	999	measured	29.3	4.75
3	999	indicated	18.97	4.53
3	999	inferred	14.5	4.19
1.5	3	measured	99.12	2.05
1.5	3	indicated	66.84	2.04
1.5	3	inferred	72.68	2.00
1.1	1.5	measured	96.78	1.28
1.1	1.5	indicated	49.1	1.28
1.1	1.5	inferred	38.7	1.29
1	1.1	measured	33.99	1.05
1	1.1	indicated	16.05	1.05
1	1.1	inferred	10.43	1.06
0.9	1	measured	35.76	0.95
0.9	1	indicated	16.38	0.95
0.9	1	inferred	10.59	0.95
0.8	0.9	measured	50.71	0.85
0.8	0.9	indicated	26.44	0.85
0.8	0.9	inferred	23.98	0.84
0.7	0.8	measured	50.86	0.75
0.7	0.8	indicated	29.56	0.75
0.7	0.8	inferred	21.57	0.75
0.6	0.7	measured	70.8	0.65
0.6	0.7	indicated	39.06	0.65
0.6	0.7	inferred	34.52	0.65
0.5	0.6	measured	87.07	0.55
0.5	0.6	indicated	46.83	0.55
0.5	0.6	inferred	35.47	0.55
0.4	0.5	measured	100.1	0.45
0.4	0.5	indicated	42.4	0.45
0.4	0.5	inferred	38.61	0.46
0.3	0.4	measured	124.38	0.35
0.3	0.4	indicated	48.45	0.35
0.3	0.4	inferred	28.98	0.35

totals		TONNES X 1000	GRADE g/t Au
CUT-OFF	GRADES		
from g/t AU	to g/t AU		
3	999	62.77	4.55
1.5	3	301.41	2.56
1.1	1.5	485.99	2.07
1	1.1	546.47	1.96
0.9	1	609.2	1.86
0.8	0.9	710.33	1.71
0.7	0.8	812.31	1.59
0.6	0.7	956.7	1.45
0.5	0.6	1126.06	1.31
0.4	0.5	1307.17	1.19
0.3	0.4	1508.97	1.08

los block model

measured

CUT-OFF GRADES		totals			
from	to	TONNES	GRADE	TONNES	GRADE
g/t AU	g/t AU	X 1000	g/t Au	X 1000	g/t Au
3	999	29.3	4.75	29.3	4.75
1.5	3	99.12	2.05	128.42	2.67
1.1	1.5	96.78	1.28	225.2	2.07
1	1.1	33.99	1.05	259.19	1.94
0.9	1	35.76	0.95	294.95	1.82
0.8	0.9	50.71	0.85	345.66	1.67
0.7	0.8	50.86	0.75	396.52	1.55
0.6	0.7	70.8	0.65	467.32	1.42
0.5	0.6	87.07	0.55	554.39	1.28
0.4	0.5	100.1	0.45	654.49	1.15
0.3	0.4	124.38	0.35	778.87	1.02

indicated

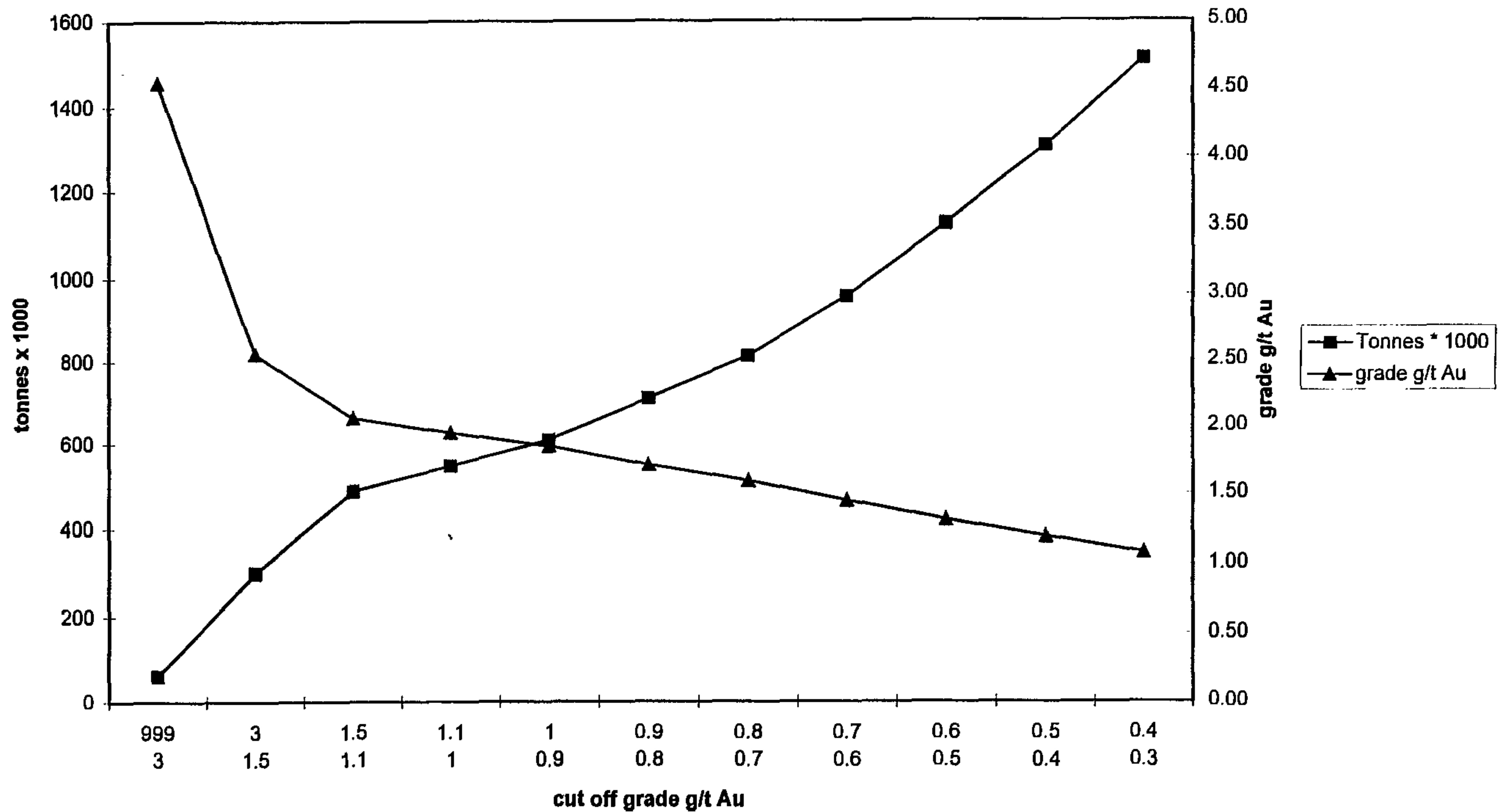
CUT-OFF GRADES		totals			
from	to	TONNES	GRADE	TONNES	GRADE
g/t AU	g/t AU	X 1000	g/t Au	X 1000	g/t Au
3	999	18.97	4.53	18.97	4.53
1.5	3	66.84	2.04	85.81	2.59
1.1	1.5	49.1	1.28	134.91	2.12
1	1.1	16.05	1.05	150.96	2.00
0.9	1	16.38	0.95	167.34	1.90
0.8	0.9	26.44	0.85	193.78	1.76
0.7	0.8	29.56	0.75	223.34	1.62
0.6	0.7	39.06	0.65	262.4	1.48
0.5	0.6	46.83	0.55	309.23	1.34
0.4	0.5	42.4	0.45	351.63	1.23
0.3	0.4	48.45	0.35	400.08	1.12

inferred

CUT-OFF GRADES		totals			
from	to	TONNES	GRADE	TONNES	GRADE
g/t AU	g/t AU	X 1000	g/t Au	X 1000	g/t Au
3	999	14.5	4.19	14.5	4.19
1.5	3	72.68	2.00	87.18	2.36
1.1	1.5	38.7	1.29	125.88	2.03
1	1.1	10.43	1.06	136.31	1.96
0.9	1	10.59	0.95	146.9	1.89
0.8	0.9	23.98	0.84	170.88	1.74
0.7	0.8	21.57	0.75	192.45	1.63
0.6	0.7	34.52	0.65	226.97	1.48
0.5	0.6	35.47	0.55	262.44	1.35
0.4	0.5	38.61	0.46	301.05	1.24
0.3	0.4	28.98	0.35	330.03	1.16

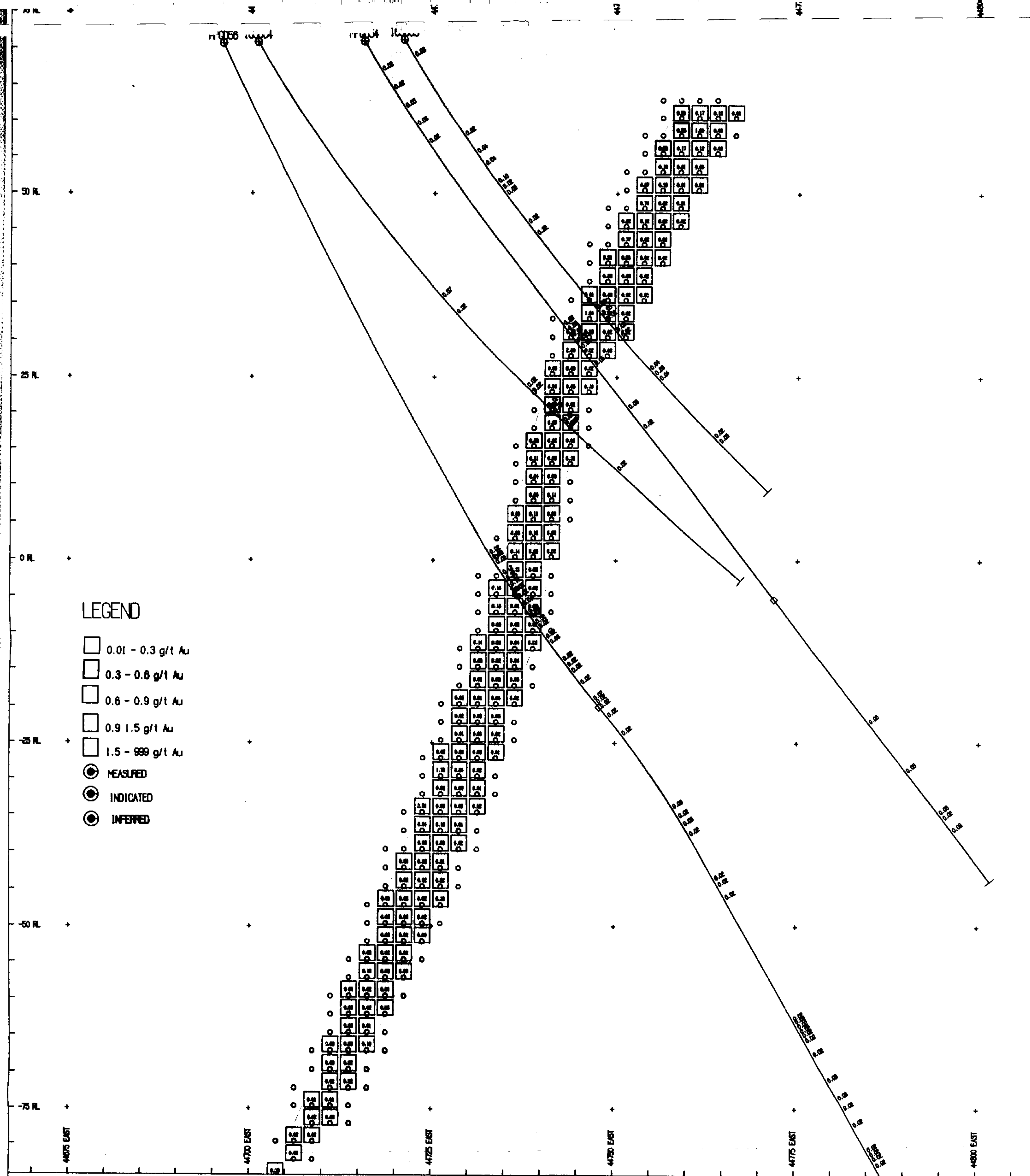
Chart1

los grade tonnage curve
all classes



Appendix 5

Drill Sections



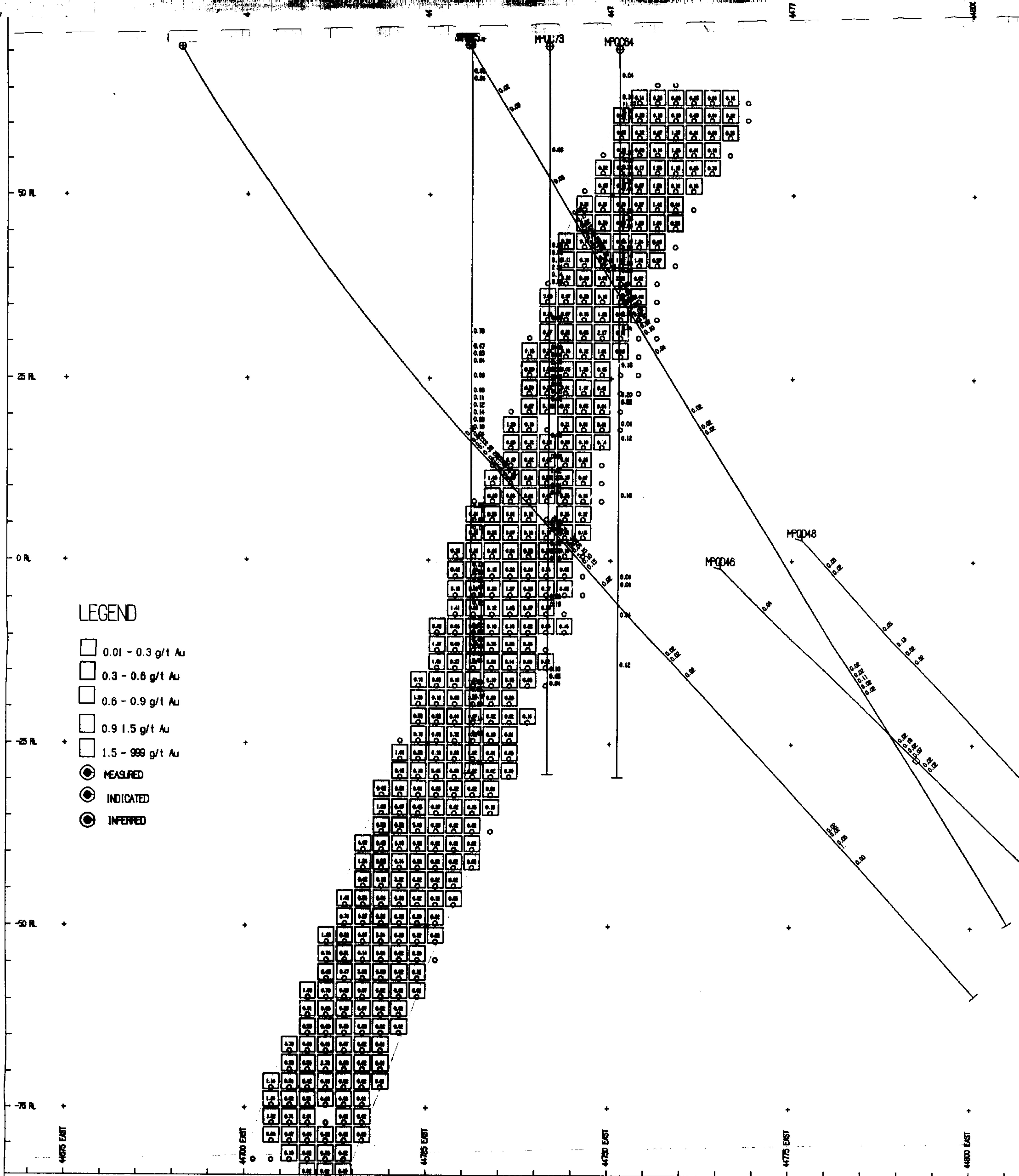
Adelaide River Office Adelaide River Northern Territory 0846 Australia		
UNITS : METRES DATE: 97/05/21 TIME: 08:30:02		
Drawn By : MG		

Northern Gold N.L.

IOS Vertical Section

62265 mN

FIGURE 2



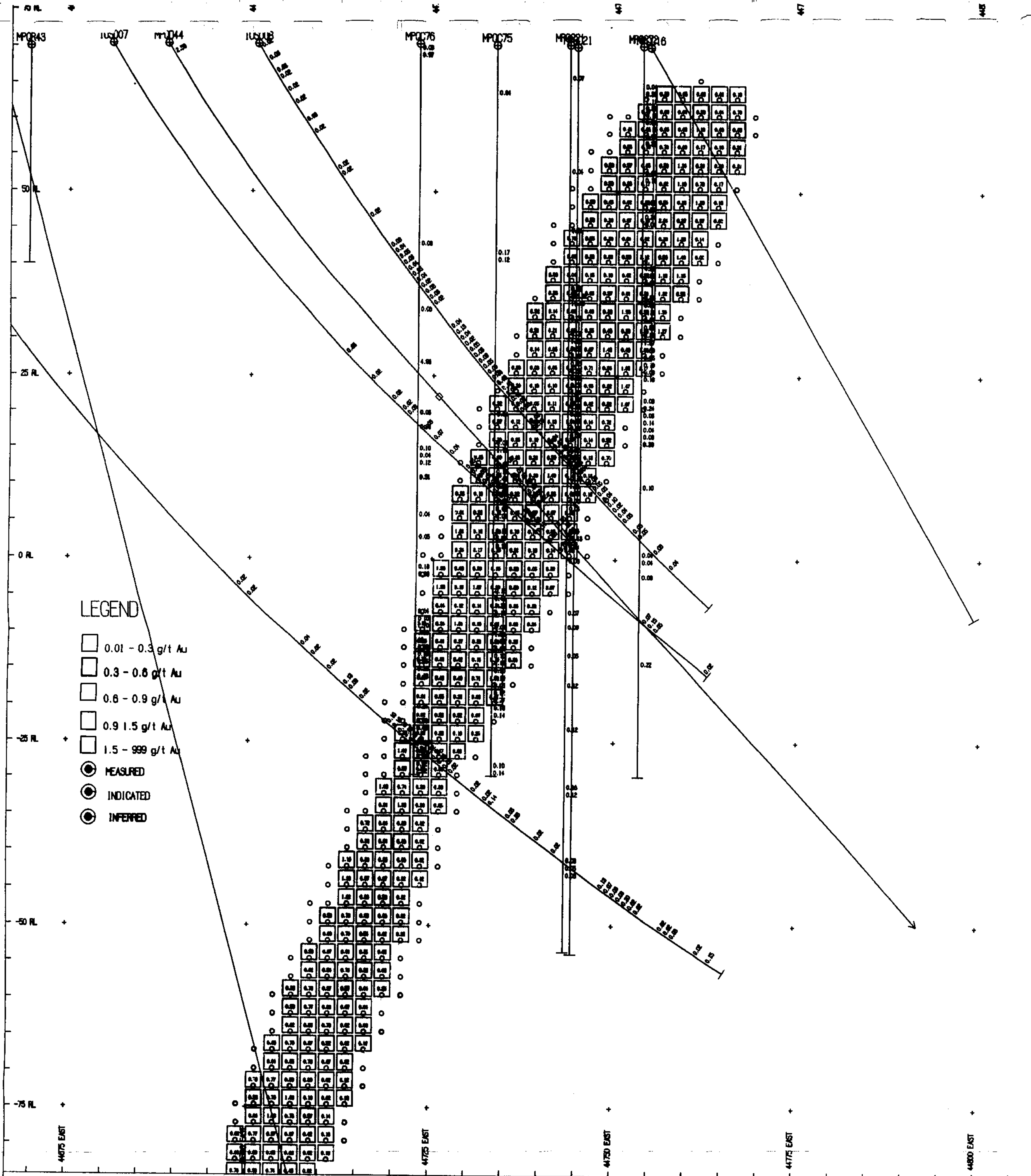
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Drawn By : MG		

Northern Gold N.L.

IOS Vertical Section

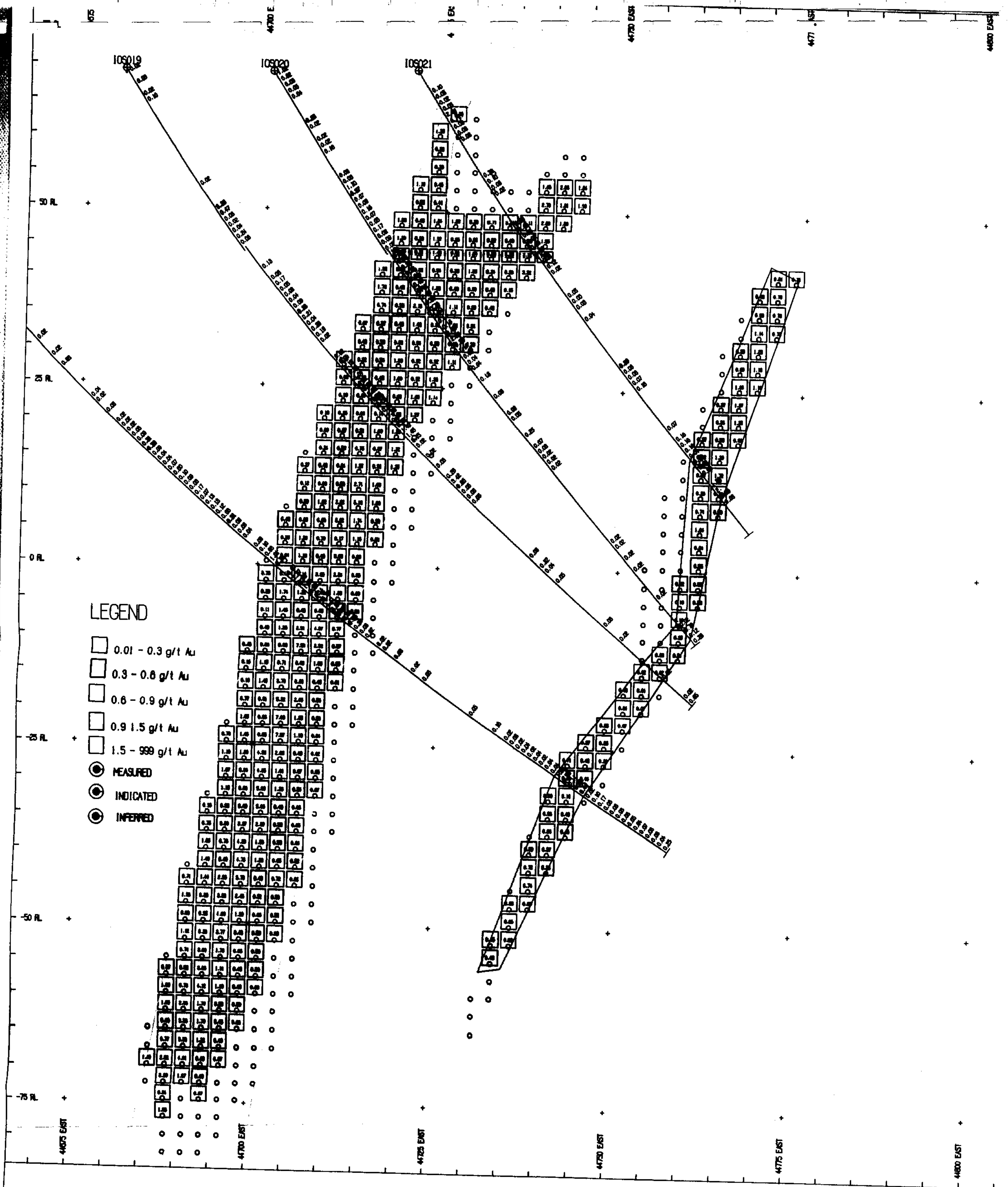
262300 mN

FIGURE 3



Adelaide River Office Adelaide River Northern Territory 0846 Australia		
UNITS : METRES DATE: 97/05/21 TIME: 08:30:32		
Drawn By : MG		

Northern Gold N.L.	
IOG Vertical Section	
62340 mN	
FIGURE 5	



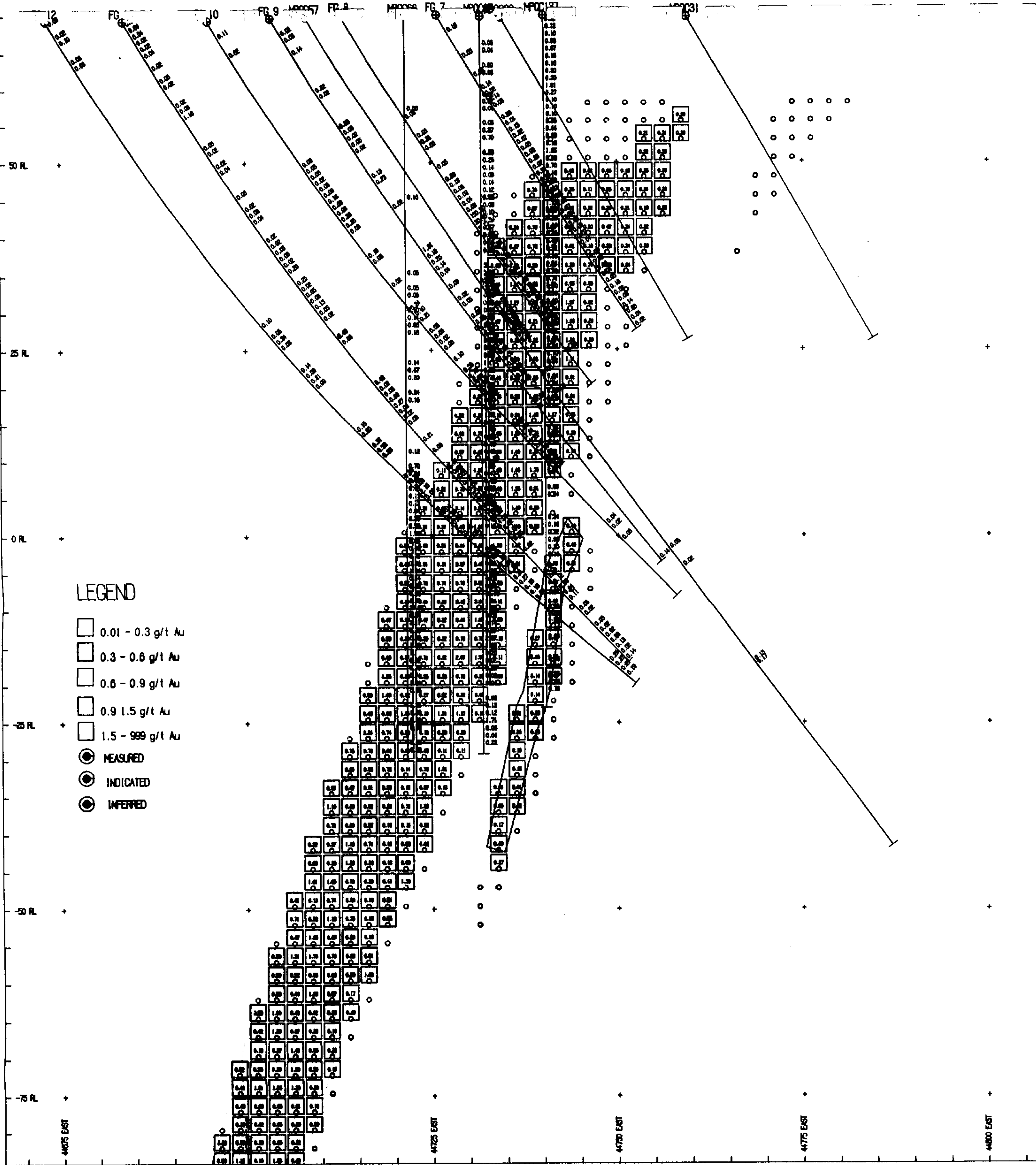
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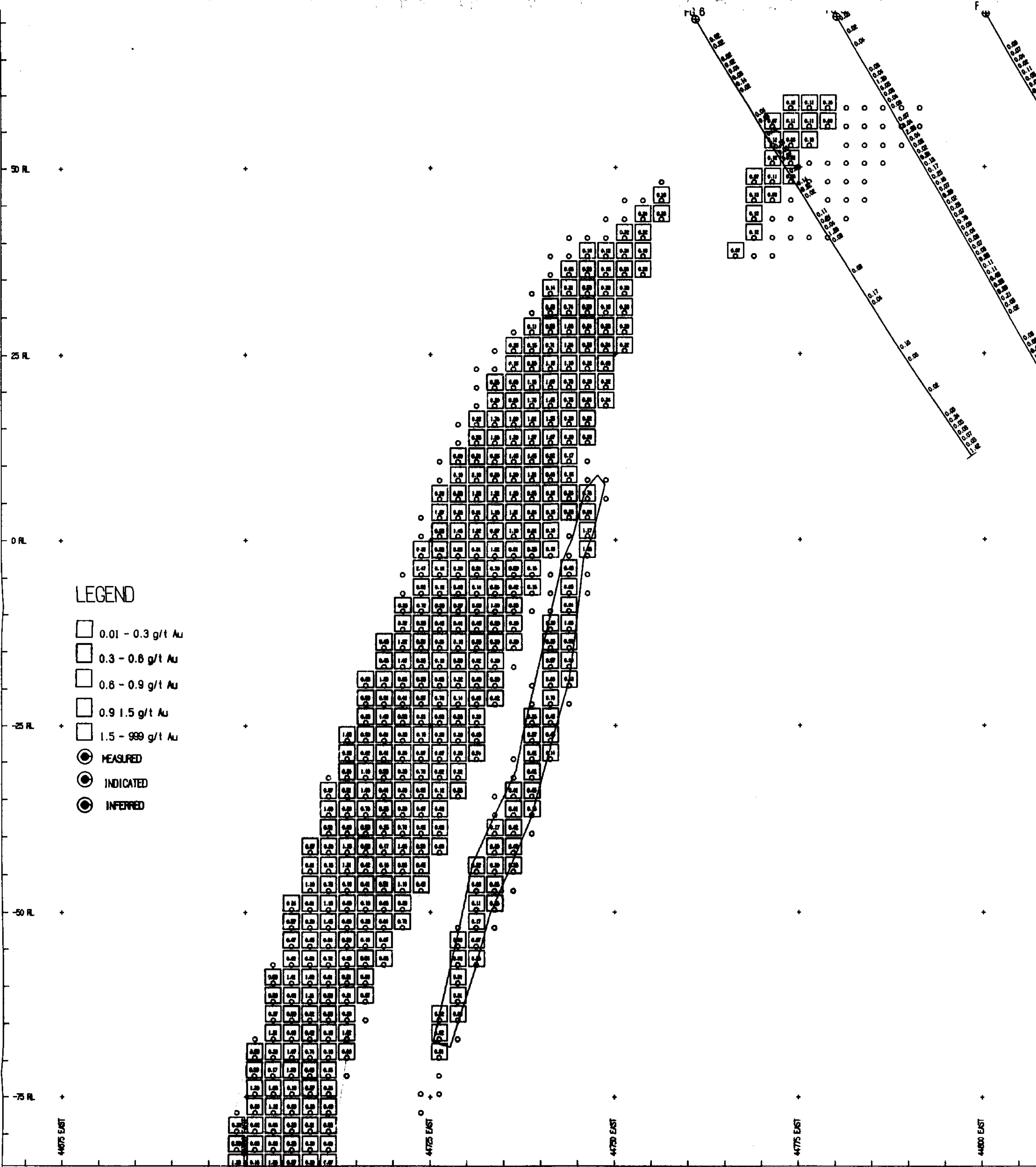
Northern Gold N.L.

IOS Vertical Section

62580 mN

FIGURE 14





LEGEND

- 0.01 - 0.3 g/t Au
- 0.3 - 0.6 g/t Au
- 0.6 - 0.9 g/t Au
- 0.9 - 1.5 g/t Au
- 1.5 - 999 g/t Au
- MEASURED
- INDICATED
- INFERRED

Adelaide River Office		
Adelaide River		
Northern Territory 0846		
Australia		
UNITS : METRES DATE: 97/05/21 TIME: 08.31.30		
Drawn By : MG		

Northern Gold N.L.	
IOS Vertical Section	
62510 mN	
FIGURE 11	

50 RL

25 RL

0 RL

-25 RL

-50 RL

-75 RL

44075 EAST

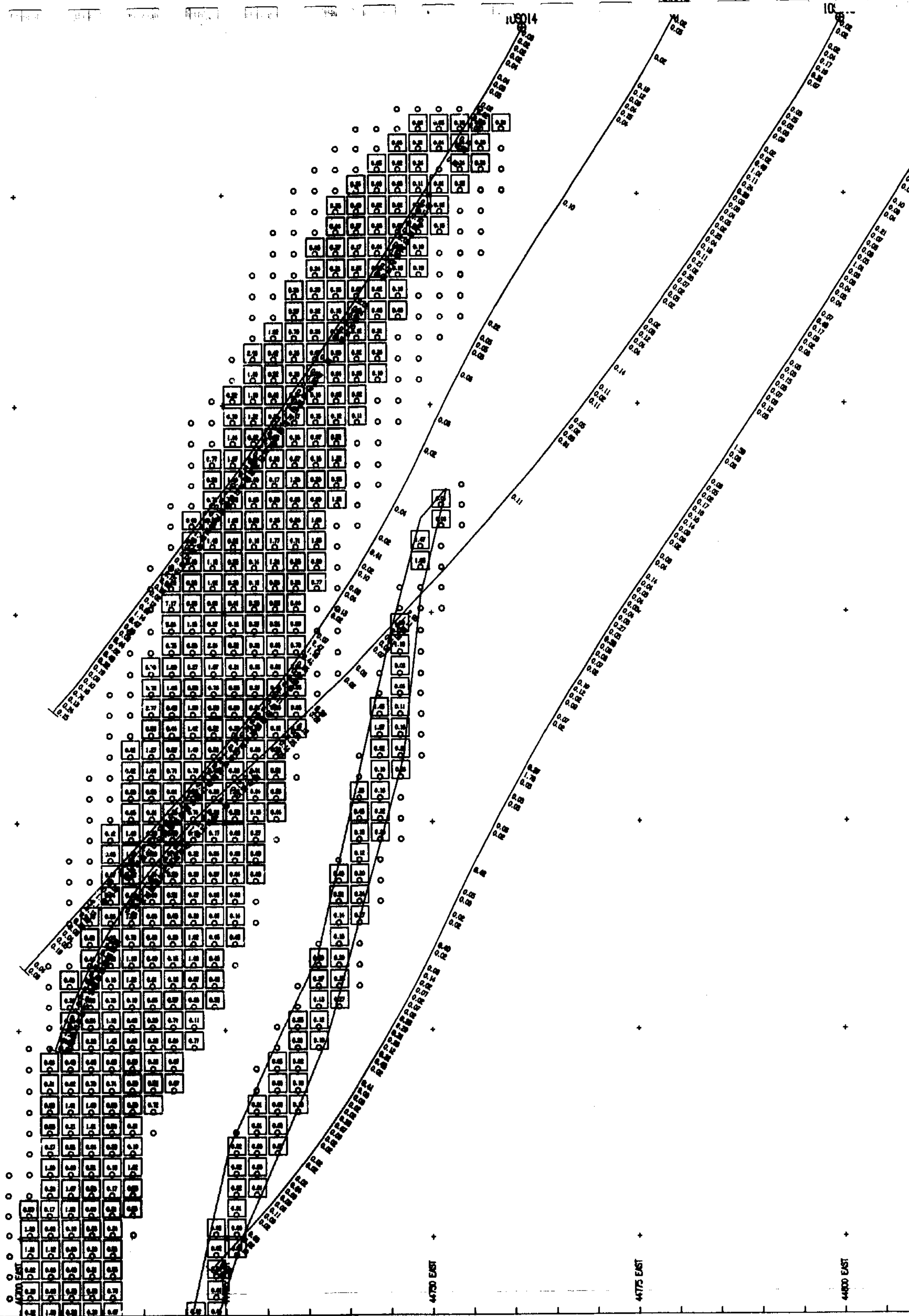
44750 EAST

44775 EAST

44800 EAST

LEGEND

- 0.01 - 0.3 g/t Au
 0.3 - 0.6 g/t Au
 0.6 - 0.9 g/t Au
 0.9 - 1.5 g/t Au
 1.5 - 999 g/t Au
 MEASURED
 INDICATED
 INFERRED



Adelaide River Office
Adelaide River
Northern Territory 0846
Australia

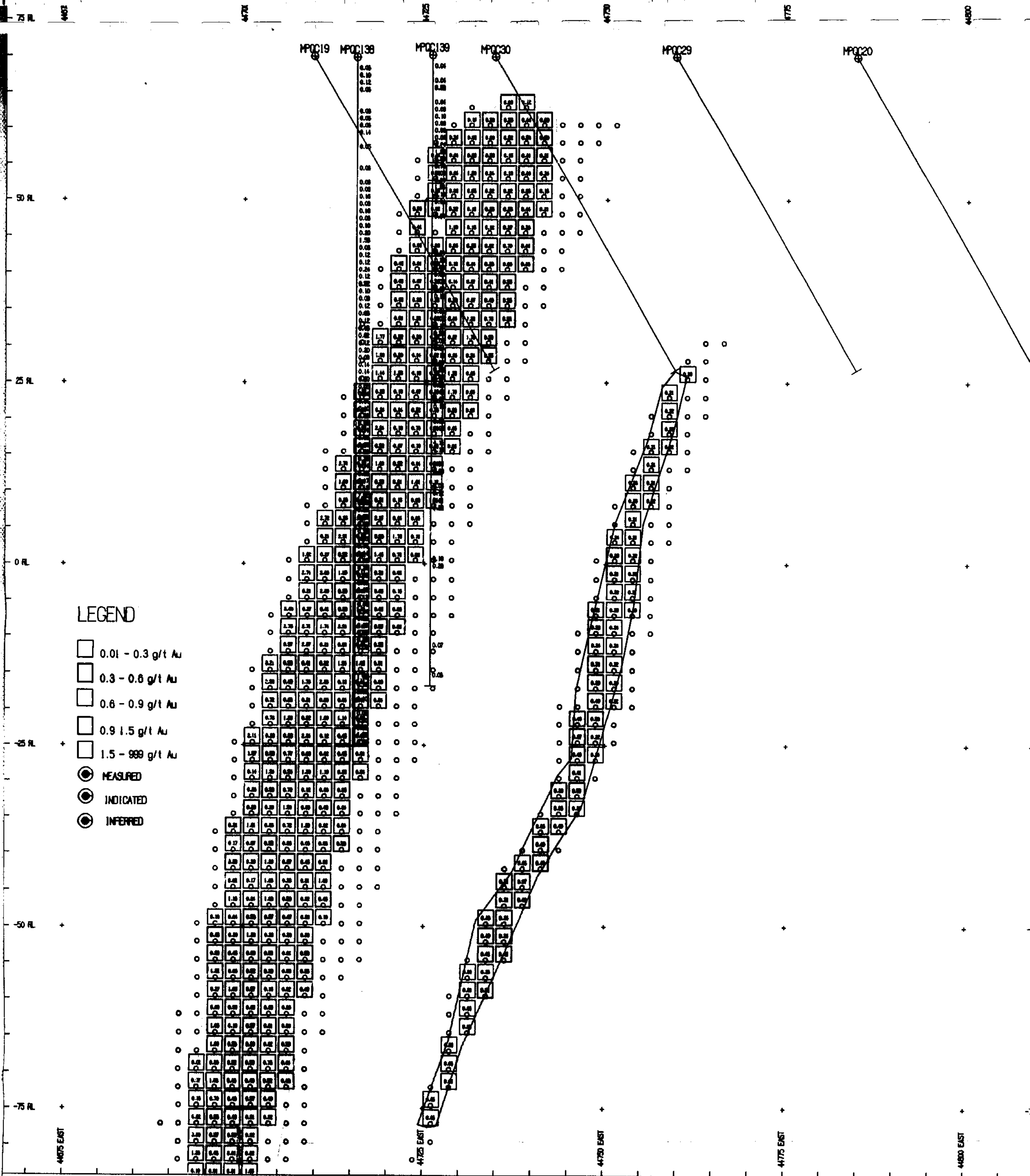
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Northern Gold N.L.

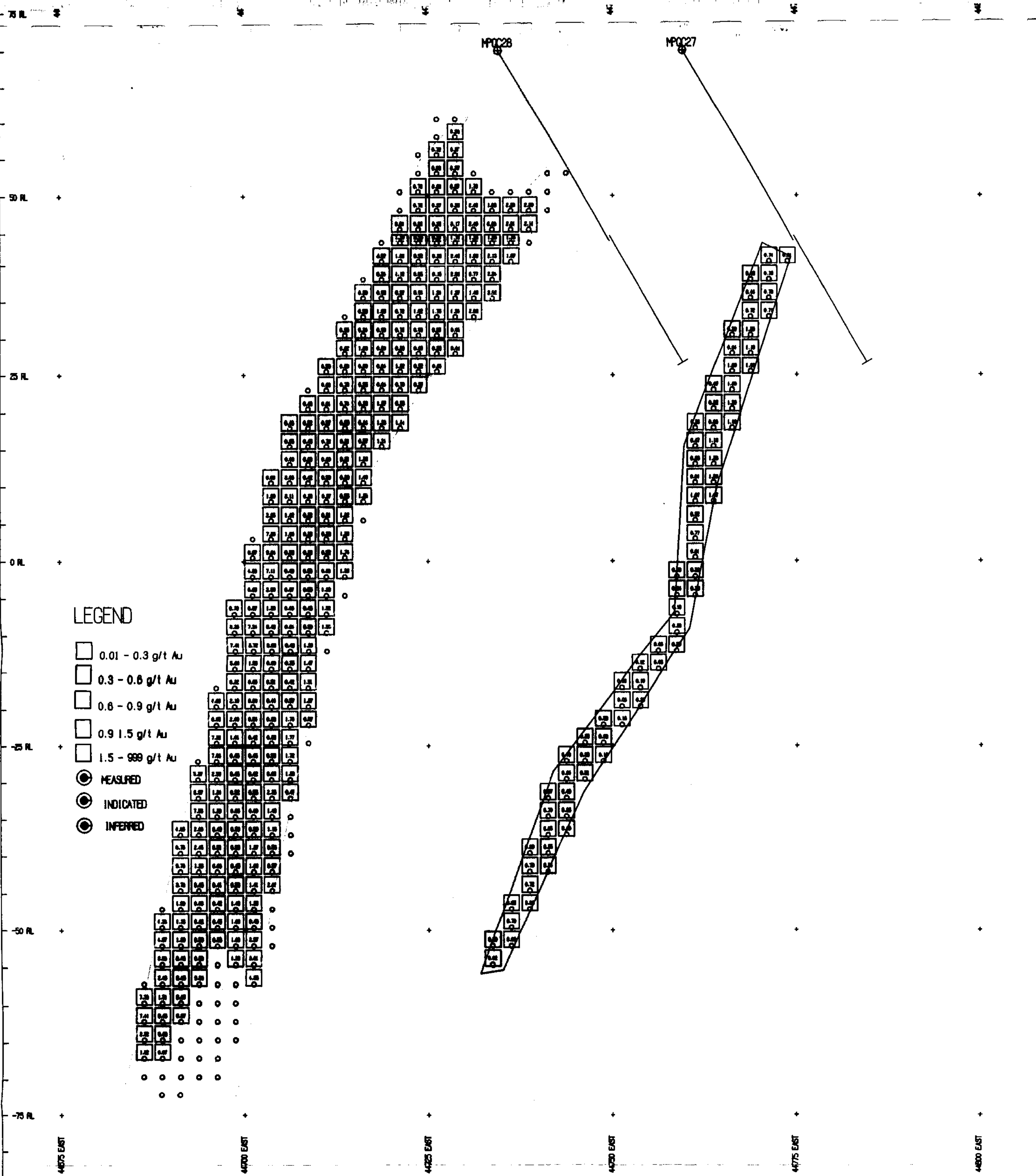
IOS Vertical Section
62520 mN

FIGURE 12



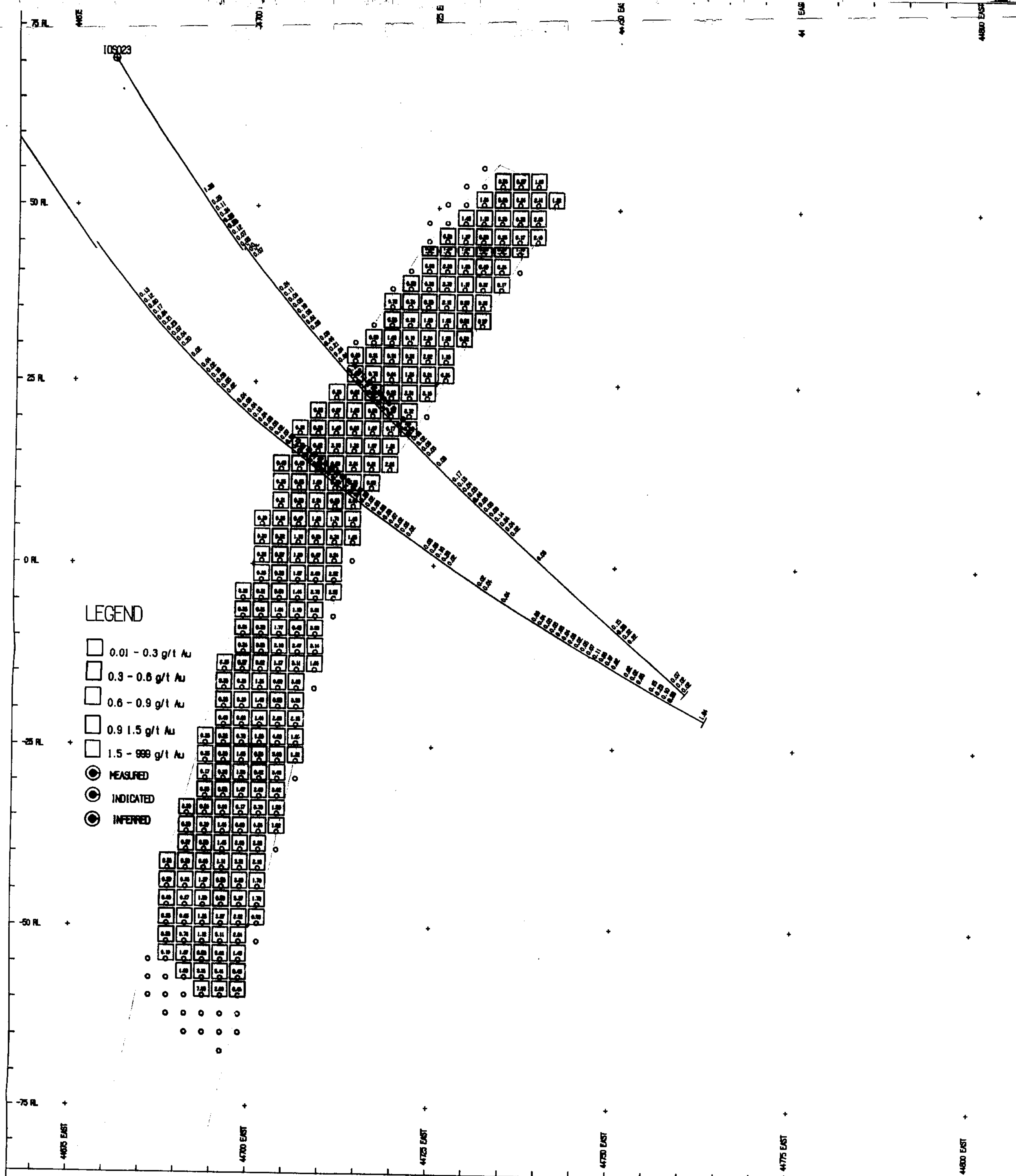
Adelaide River Office Adelaide River Northern Territory 0846 Australia		
UNITS : METRES DATE: 97/05/21 TIME: 08:31:54		
Drawn By : MG		

Northern Gold N.L.	
IOS Vertical Section	
62545 mN	
FIGURE 13	



Adelaide River Office Adelaide River Northern Territory 0846 Australia		
UNITS : METRES DATE: 97/05/21 TIME: 08:32:13		
Drawn By : MG		

Northern Gold N.L.
IOS Vertical Section
62600 mN
FIGURE 15



Adelaide River Office Adelaide River Northern Territory 0846 Australia		
UNITS : METRES DATE: 97/05/21 TIME: 08:32:20		
Drawn By : MG		

Northern Gold N.L.
IOS Vertical Section
62620 mN
FIGURE 16

APPENDIX 11

Sikonos Prospect Area Ore Resource Estimate to May 1997

Sikonos Prospect

Ore Resource Estimate

May 1997

Mark Glassock,

Ore Reserve Geologist

Northern Gold NL

Report SIMAY97.DOC

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1.0	Introduction
1.1	Previous Work
2.0	Regional Setting
2.1	Prospect Geology and Drilling
3.0	Resource Calculation
3.1	Methodology
3.2	Search Ellipse Dimensions
4.0	Resource Schedule
5.0	Recommendations
6.0	Bibliography/ References

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Figure 4	Vertical Section 64345 mN
Figure 5	Vertical Section 64365 mN
Figure 6	Vertical Section 64390 mN
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Appendices

Appendix 1	Block Model Parameters
Appendix 2	Kriging Profiles
Appendix 3	Pie Graph of assays used
Appendix 4	Resource Summary
Appendix 5	Drill Sections

1.0 Introduction

The Sikonos prospect lies on EL 7769 approximately 25 kilometres south east of Adelaide River, as shown in the location plan figure 1. Access is via the Stuart Highway to Bridge Creek, thence by existing haul roads and station tracks. The Sikonos prospect lies within the Mt. Ringwood pastoral lease, PL 718.

1.1 Previous Work

The area has been drill tested by previous lease holders, notably Western Mining Corporation (the prospect was then called 8300N Prospect). Northern Gold completed a RAB and then an RC drilling program during 1994. In all 99 holes, other than region RAB holes, have been drilled for a total of 5420 metres.

Chris Farrelly of Northern Gold NL reported a block model resource in August 1995 of 254,680 tonnes @ 2.27 g/t Au with a 1 g/t Au cut off.

2.0 Regional Setting

EL 7769 covers the northern continuation of the Howley line and the interpreted strike continuation of the Howley Anticline from Bridge Creek in the south to Goodall and Fisher Road in the north. The geology of the area is similar to the Cosmo Howley area and is dominated by rocks of the South Alligator Group and Finniss River Group.

2.1 Prospect Geology and Drilling

Drilling by the previous lease holder leaves some questions unanswered. Most of the significant drill holes are vertical, and provide limited structural data. Drill data is not available for most of the diamond drilling, and the core is no longer available for review. Caution must be exercised when interpreting the results of the resource estimation on the basis of these holes. (*Farrelly et al.*).

The mineralisation at Sikonos is contained within Zamu Dolerite within two zones of quartz filled sulphide rich shears or faults running parallel to the contact of the Zamu Dolerite and Gerowie Tuff. The nature of the mineralisation within the Zamu dolerite tends to be pod-like, boudinaged, and discontinuous. Thus, interpretation of the ore lenses into continuous zones of mineralisation was difficult so broad mineralised outlines were used.

High grades within some intersections and visible gold recorded during logging attest to the concentration of gold within these shears. A question remains regarding the occurrence of high grade intersections within the diamond core, which in general are significantly higher than those seen in RC holes. It is possible that assay sample lengths selected from the diamond core may have preferentially high graded some of the mineralised zones.

3.0 Resource Calculations

3.1 Methodology

A three Dimensional solid model was created, using Gemcom's GS32 software, of the Zamu Dolerite and then of the Ore lodes. Two zones of mineralisation were identified and modelled (L1 and L2). All assays from the exploration drilling falling within these mineralised zones were then extracted into a PC-Explore extract file (allass.mex).

A block model was created using Gemcom's PC mine software with block sizes of 2.5m X 2.5m X 2.5m. A full listing of the Block model parameters is shown in Appendix 1.

The strike and dip of these interpreted lode zones were measured, and the deposit was divided into domains of similar trend. This resulted in 6 different domains, each requiring different anisotropic parameters for grade modelling. These domains, and the input parameters for Gemcom's Gemkrige software are shown in Appendix 2.

A 15 g/t Au top cut was applied to all assays.

A bulk density of 2.65 t/m³ was used for all ore. Previously a bulk density of 2.5 t/m³ but with recent bulk density work at other projects we know the Zamu dolerite to have a bulk density of 2.65 to 3.10 t/m³. If any extra work is to be carried out at Sikonos some bulk density test work along with metallurgical work should be carried out.

3.2 Search Ellipse Dimensions

Search ellipse dimensions have been chosen on the basis of drill hole spacing. The measured model generation run was carried out using search dimensions as follows:

- Along strike 25m
- Down dip 25m
- Across dip 3m

Subsequently the indicated model generation run was carried out using search dimensions of 50m along strike, 50m down dip and 3m across dip, with the indicated model using search dimensions of 70m along strike, 70m down dip and 6m across strike process generated grades in areas.

Only resource blocks with a minimum of 49 % falling within the interpreted geological solid were attributed grade.

4.0 Resource Schedule

The Sikonos prospect estimated to contain the following mineral resource, at a 0.7 g/t cut off grade.

Classification	Tonnes	g/t Au Cut(15) g/t
Measured	282,890	1.93
Indicated	85,270	2.07
Inferred	33,520	2.28
Total	401,680	1.97

The Sikonos prospect estimated to contain the following mineral resource, at a 1.0 g/t cut off grade.

Classification	Tonnes	g/t Au Cut(15) g/t
Measured	197,150	2.40
Indicated	69,640	2.34
Inferred	26,350	2.67
Total	293,150	2.41

This resource is estimated for a range of cut off grades as shown in Appendix 4 with a grade tonnage curve.

5.0 Recommendations

Due to the lack of consistence of the mineralised structures and the fact that the ore does not come to surface, starting at around 10 metres below surface, optimisation should be done to warrant any further drilling.

Bulk density work along with metallurgical test work would be warranted if the optimisation shows the deposit to be economic.

Infill drilling on the widely spaced sections along with drilling to validate drilling by previous lease holders.

With similar mineralisation being identified 4 kilometres south of Sikonos at los and the structure continuing similar mineralisation could be found along this 4 kilometre zone.

6.0 Bibliography/ References

Farrelly, C. Northern Gold NL Sikonos Ore Reserves Estimate August 1995.
Northern Gold internal report.

Hancock, S.L. and Muir, R.M. Mount Ringwood joint venture Second annual
report: MLN414-418 "Quest 155", for period 17/2/68 - 16/2/87. Northern
Territory Department of Mines and Energy Open file Report.

Appendix 1

Block Model Parameters

Sikinos block model parameters

row	northing	column	easting	level	RL
1	64598.75	1	44651.25	1	68.75
2	64596.25	2	44653.75	2	66.25
3	64593.75	3	44656.25	3	63.75
4	64591.25	4	44658.75	4	61.25
5	64588.75	5	44661.25	5	58.75
6	64586.25	6	44663.75	6	56.25
7	64583.75	7	44666.25	7	53.75
8	64581.25	8	44668.75	8	51.25
9	64578.75	9	44671.25	9	48.75
10	64576.25	10	44673.75	10	46.25
11	64573.75	11	44676.25	11	43.75
12	64571.25	12	44678.75	12	41.25
13	64568.75	13	44681.25	13	38.75
14	64566.25	14	44683.75	14	36.25
15	64563.75	15	44686.25	15	33.75
16	64561.25	16	44688.75	16	31.25
17	64558.75	17	44691.25	17	28.75
18	64556.25	18	44693.75	18	26.25
19	64553.75	19	44696.25	19	23.75
20	64551.25	20	44698.75	20	21.25
21	64548.75	21	44701.25	21	18.75
22	64546.25	22	44703.75	22	16.25
23	64543.75	23	44706.25	23	13.75
24	64541.25	24	44708.75	24	11.25
25	64538.75	25	44711.25	25	8.75
26	64536.25	26	44713.75	26	6.25
27	64533.75	27	44716.25	27	3.75
28	64531.25	28	44718.75	28	1.25
29	64528.75	29	44721.25	29	-1.25
30	64526.25	30	44723.75	30	-3.75
31	64523.75	31	44726.25	31	-6.25
32	64521.25	32	44728.75	32	-8.75
33	64518.75	33	44731.25	33	-11.25
34	64516.25	34	44733.75	34	-13.75
35	64513.75	35	44736.25	35	-16.25
36	64511.25	36	44738.75	36	-18.75
37	64508.75	37	44741.25	37	-21.25
38	64506.25	38	44743.75	38	-23.75
39	64503.75	39	44746.25	39	-26.25
40	64501.25	40	44748.75	40	-28.75
41	64498.75	41	44751.25	41	-31.25
42	64496.25	42	44753.75	42	-33.75
43	64493.75	43	44756.25	43	-36.25
44	64491.25	44	44758.75	44	-38.75
45	64488.75	45	44761.25	45	-41.25
46	64486.25	46	44763.75	46	-43.75
47	64483.75	47	44766.25	47	-46.25
48	64481.25	48	44768.75	48	-48.75
49	64478.75	49	44771.25	49	-51.25

row	northing	column	easting	level	RL
50	64476.25	50	44773.75	50	-53.75
51	64473.75	51	44776.25	51	-56.25
52	64471.25	52	44778.75	52	-58.75
53	64468.75	53	44781.25	53	-61.25
54	64466.25	54	44783.75	54	-63.75
55	64463.75	55	44786.25	55	-66.25
56	64461.25	56	44788.75	56	-68.75
57	64458.75	57	44791.25	57	-71.25
58	64456.25	58	44793.75	58	-73.75
59	64453.75	59	44796.25	59	-76.25
60	64451.25	60	44798.75	60	-78.75
61	64448.75	61	44801.25	61	-81.25
62	64446.25	62	44803.75	62	-83.75
63	64443.75	63	44806.25	63	-86.25
64	64441.25	64	44808.75	64	-88.75
65	64438.75	65	44811.25	65	-91.25
66	64436.25	66	44813.75	66	-93.75
67	64433.75	67	44816.25	67	-96.25
68	64431.25	68	44818.75	68	-98.75
69	64428.75	69	44821.25		
70	64426.25	70	44823.75		
71	64423.75	71	44826.25		
72	64421.25	72	44828.75		
73	64418.75	73	44831.25		
74	64416.25	74	44833.75		
75	64413.75	75	44836.25		
76	64411.25	76	44838.75		
77	64408.75	77	44841.25		
78	64406.25	78	44843.75		
79	64403.75	79	44846.25		
80	64401.25	80	44848.75		
81	64398.75				
82	64396.25				
83	64393.75				
84	64391.25				
85	64388.75				
86	64386.25				
87	64383.75				
88	64381.25				
89	64378.75				
90	64376.25				
91	64373.75				
92	64371.25				
93	64368.75				
94	64366.25				
95	64363.75				
96	64361.25				
97	64358.75				
98	64356.25				
99	64353.75				
100	64351.25				
101	64348.75				

row	northing	column	easting	level	RL
102	64346.25				
103	64343.75				
104	64341.25				
105	64338.75				
106	64336.25				
107	64333.75				
108	64331.25				
109	64328.75				
110	64326.25				
111	64323.75				
112	64321.25				
113	64318.75				
114	64316.25				
115	64313.75				
116	64311.25				
117	64308.75				
118	64306.25				
119	64303.75				
120	64301.25				
121	64298.75				
122	64296.25				
123	64293.75				
124	64291.25				
125	64288.75				
126	64286.25				
127	64283.75				
128	64281.25				
129	64278.75				
130	64276.25				
131	64273.75				
132	64271.25				
133	64268.75				
134	64266.25				
135	64263.75				
136	64261.25				
137	64258.75				
138	64256.25				
139	64253.75				
140	64251.25				
141	64248.75				
142	64246.25				
143	64243.75				
144	64241.25				
145	64238.75				
146	64236.25				
147	64233.75				
148	64231.25				
149	64228.75				
150	64226.25				
151	64223.75				
152	64221.25				
153	64218.75				

Appendix 2

Krigging profiles

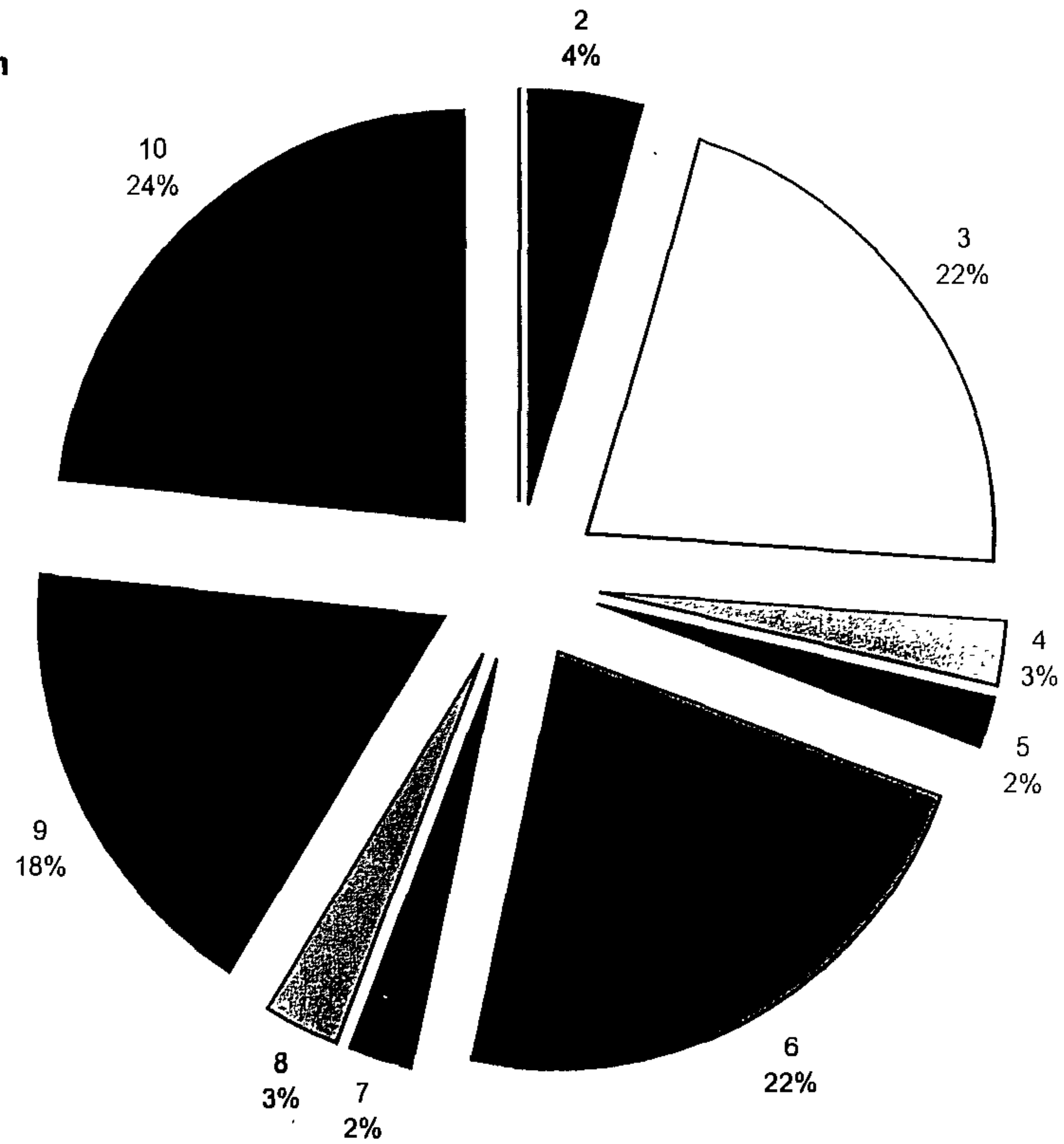
6/15/87

Appendix 3

Pie Graph of assays used in interpolation

Sikonos

Samples used in interpolation Sikonos Measured Blocks



Appendix 4

Resource Summary including Grade tonnage curve

SIKONOS block model

CUT-OFF GRADES

from g/t AU	to g/t AU	class O	TONNES X 1000	GRADE g/t Au
3	999	measured	51.75	4.445
3	999	indicated	16	4.687
3	999	inferred	7.53	5.14
1.5	3	measured	75.56	2.074
1.5	3	indicated	28.41	1.958
1.5	3	inferred	10.92	1.957
1.1	1.5	measured	54.03	1.297
1.1	1.5	indicated	22.61	1.321
1.1	1.5	inferred	6.46	1.343
1	1.1	measured	15.81	1.044
1	1.1	indicated	2.62	1.047
1	1.1	inferred	1.44	1.05
0.9	1	measured	24.61	0.949
0.9	1	indicated	4.12	0.953
0.9	1	inferred	2.15	0.948
0.8	0.9	measured	25.97	0.85
0.8	0.9	indicated	5.19	0.849
0.8	0.9	inferred	2.16	0.856
0.7	0.8	measured	35.16	0.747
0.7	0.8	indicated	6.32	0.75
0.7	0.8	inferred	2.86	0.75
0.6	0.7	measured	40.06	0.648
0.6	0.7	indicated	7.28	0.642
0.6	0.7	inferred	3.27	0.632
0.5	0.6	measured	58.81	0.546
0.5	0.6	indicated	18.02	0.558
0.5	0.6	inferred	10.56	0.561
0.4	0.5	measured	66.43	0.449
0.4	0.5	indicated	18.22	0.446
0.4	0.5	inferred	7.23	0.449
0.3	0.4	measured	94.08	0.347
0.3	0.4	indicated	26.4	0.344
0.3	0.4	inferred	11.91	0.348

totals

CUT-OFF GRADES

from g/t AU	to g/t AU	class O	TONNES X 1000	GRADE g/t Au
3	999	1000	75.28	4.566
1.5	3	1000	190.18	3.037
1.1	1.5	1000	273.27	2.511
1	1.1	1000	293.15	2.411
0.9	1	1000	324.02	2.272
0.8	0.9	1000	357.34	2.139
0.7	0.8	1000	401.68	1.986
0.6	0.7	1000	452.28	1.836
0.5	0.6	1000	539.67	1.628
0.4	0.5	1000	631.55	1.456
0.3	0.4	1000	763.94	1.264

SIKONOS block model

measured

CUT-OFF GRADES

from	to	class	TONNES	GRADE	totals	TONNES	GRADE
g/t AU	g/t AU	O	X 1000	g/t Au	X 1000	g/t Au	
3	999	measured	51.75	4.445	51.75	4.45	
1.5	3	measured	75.56	2.074	127.31	3.04	
1.1	1.5	measured	54.03	1.297	181.34	2.52	
1	1.1	measured	15.81	1.044	197.15	2.40	
0.9	1	measured	24.61	0.949	221.76	2.24	
0.8	0.9	measured	25.97	0.85	247.73	2.09	
0.7	0.8	measured	35.16	0.747	282.89	1.93	
0.6	0.7	measured	40.06	0.648	322.95	1.77	
0.5	0.6	measured	58.81	0.546	381.76	1.58	
0.4	0.5	measured	66.43	0.449	448.19	1.41	
0.3	0.4	measured	94.08	0.347	542.27	1.23	

indicated

CUT-OFF GRADES

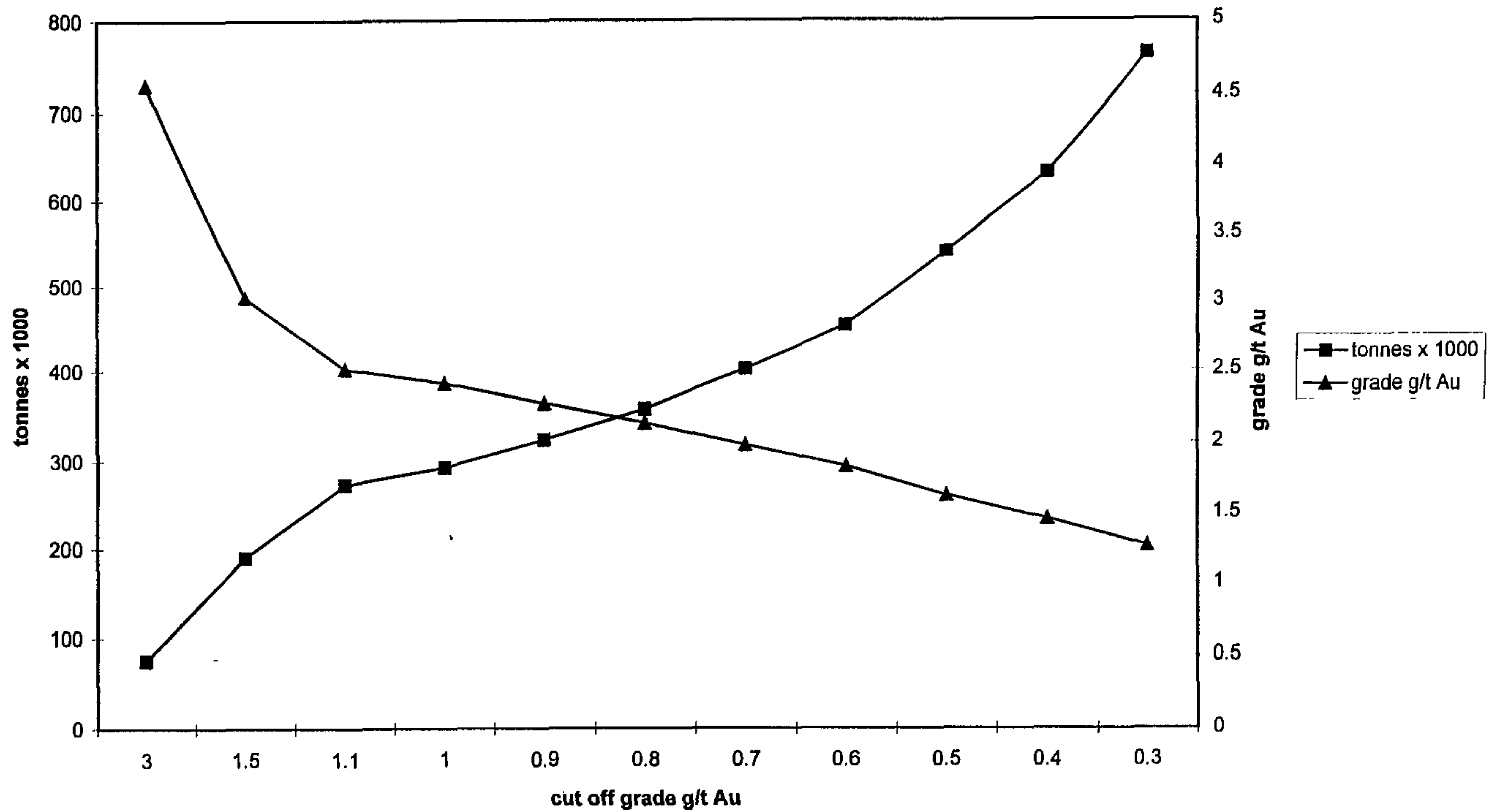
from	to	class	TONNES	GRADE	totals	TONNES	GRADE
g/t AU	g/t AU	O	X 1000	g/t Au	X 1000	g/t Au	
3	999	indicated	16	4.687	16	4.69	
1.5	3	indicated	28.41	1.958	44.41	2.94	
1.1	1.5	indicated	22.61	1.321	67.02	2.39	
1	1.1	indicated	2.62	1.047	69.64	2.34	
0.9	1	indicated	4.12	0.953	73.76	2.27	
0.8	0.9	indicated	5.19	0.849	78.95	2.17	
0.7	0.8	indicated	6.32	0.75	85.27	2.07	
0.6	0.7	indicated	7.28	0.642	92.55	1.96	
0.5	0.6	indicated	18.02	0.558	110.57	1.73	
0.4	0.5	indicated	18.22	0.446	128.79	1.55	
0.3	0.4	indicated	26.4	0.344	155.19	1.34	

inferred

CUT-OFF GRADES

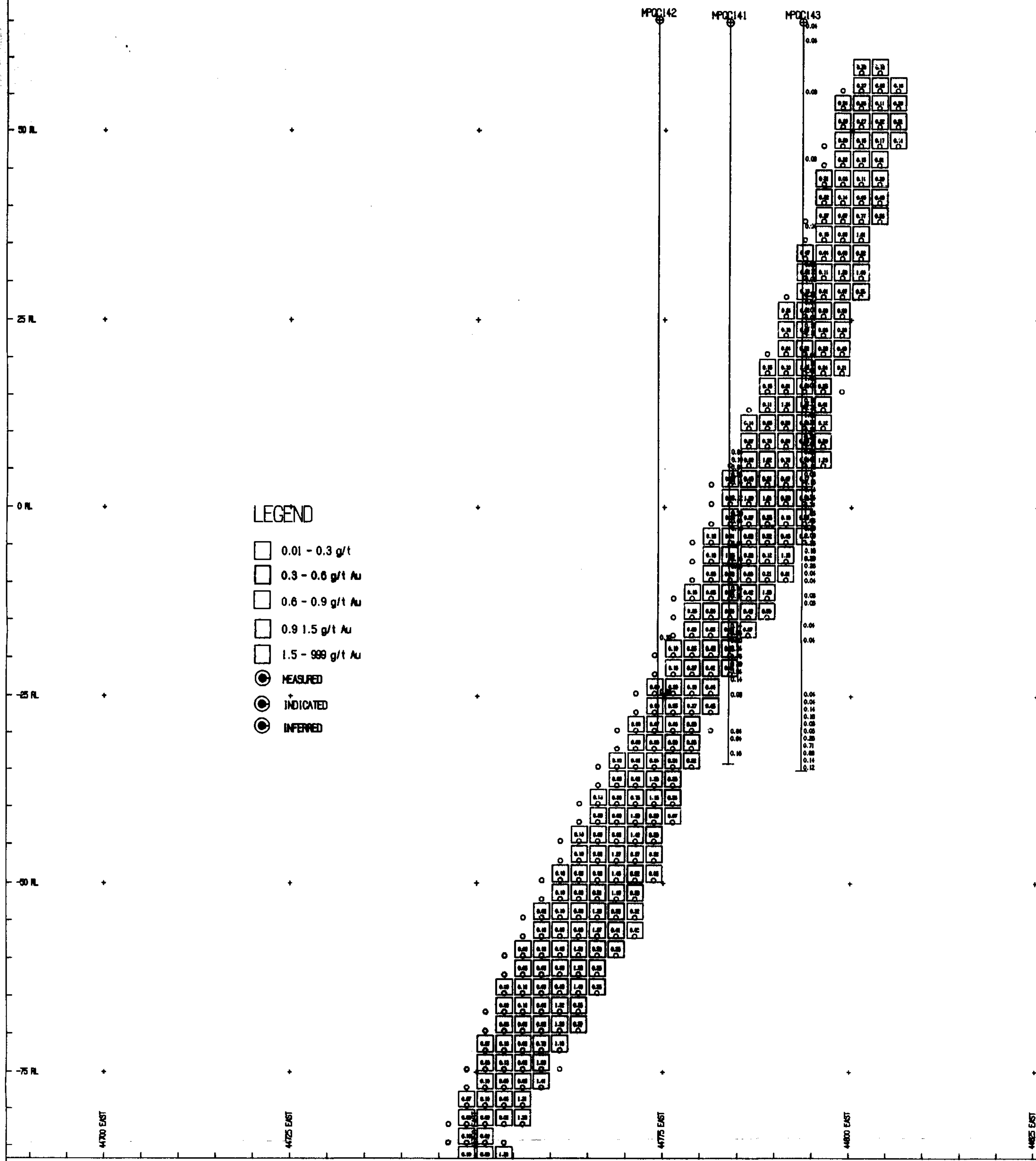
from	to	class	TONNES	GRADE	totals	TONNES	GRADE
g/t AU	g/t AU	O	X 1000	g/t Au	X 1000	g/t Au	
3	999	inferred	7.53	5.14	7.53	5.14	
1.5	3	inferred	10.92	1.957	18.45	3.26	
1.1	1.5	inferred	6.46	1.343	24.91	2.76	
1	1.1	inferred	1.44	1.05	26.35	2.67	
0.9	1	inferred	2.15	0.948	28.5	2.54	
0.8	0.9	inferred	2.16	0.856	30.66	2.42	
0.7	0.8	inferred	2.86	0.75	33.52	2.28	
0.6	0.7	inferred	3.27	0.632	36.79	2.13	
0.5	0.6	inferred	10.56	0.561	47.35	1.78	
0.4	0.5	inferred	7.23	0.449	54.58	1.60	
0.3	0.4	inferred	11.91	0.348	66.49	1.38	

Sikonos Block model
grade tonnage curve all classes



Appendix 5

Drill Sections

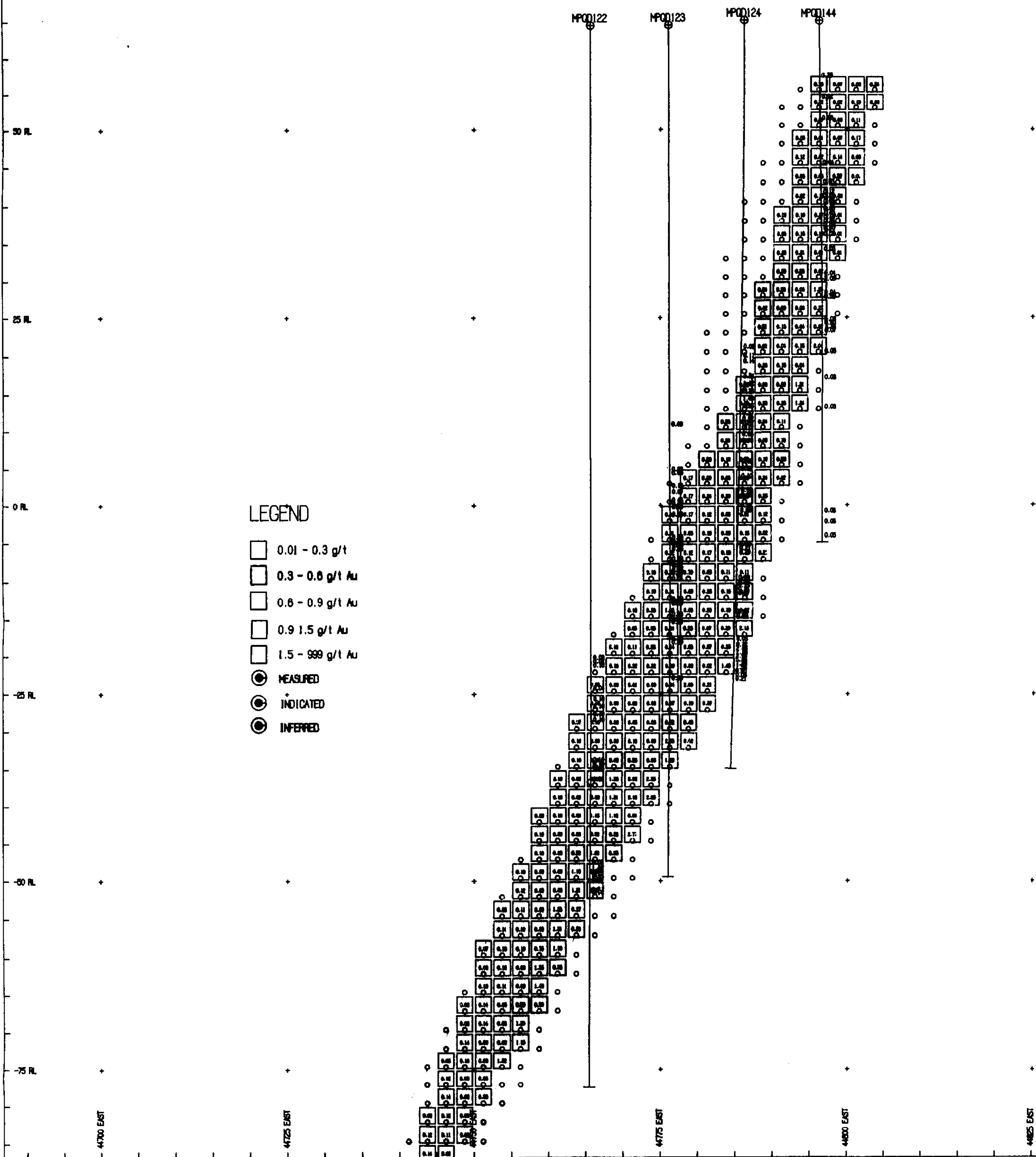


LEGEND

- 0.01 - 0.3 g/t
- 0.3 - 0.6 g/t Au
- 0.6 - 0.9 g/t Au
- 0.9 - 1.5 g/t Au
- 1.5 - 999 g/t Au
- MEASURED
- ⊕ INDICATED
- ⊕ INFERED

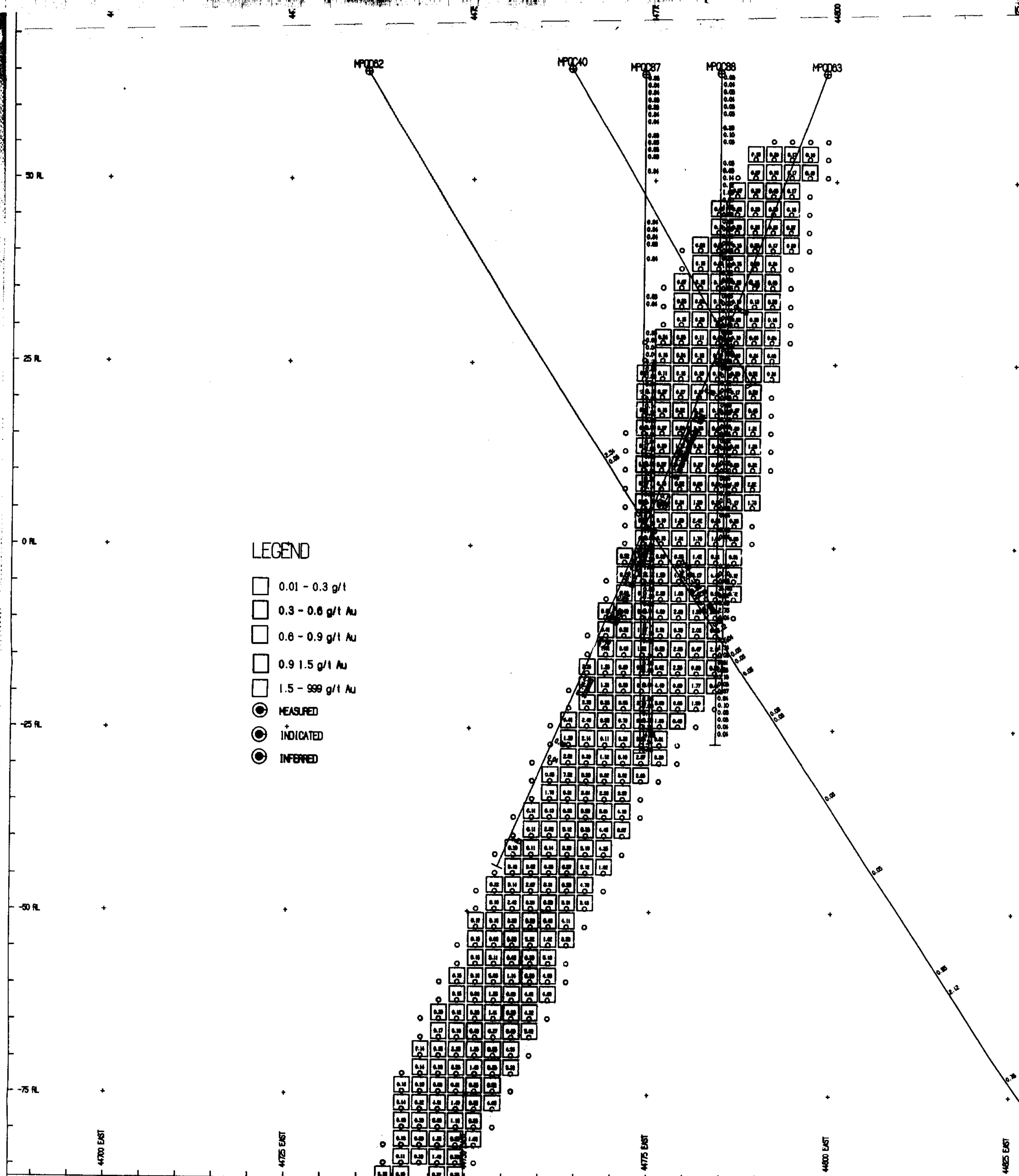
Adelaide River Office Adelaide River Northern Territory 0846 Australia		
UNITS : METRES DATE: 97/05/21 TIME: 08:49:08		
Drawn By : MG		

Northern Gold N.L.
SIKONOS Vertical Section
64290 mN
FIGURE 2



Adelaide River Office Adelaide River Northern Territory 0846 Australia		
UNITS : METRES DATE: 97/05/21 TIME: 08:49:19		
Drawn By : MG		

Northern Gold N.L.	
SIKONOS Vertical Section 64315 mN	
FIGURE 3	



LEGEND

- 0.01 - 0.3 g/t
- 0.3 - 0.6 g/t Au
- 0.6 - 0.9 g/t Au
- 0.9 - 1.5 g/t Au
- 1.5 - 9.99 g/t Au
- MEASURED
- INDICATED
- INFERRED

Adelaide River Office
Adelaide River
Northern Territory 0846
Australia

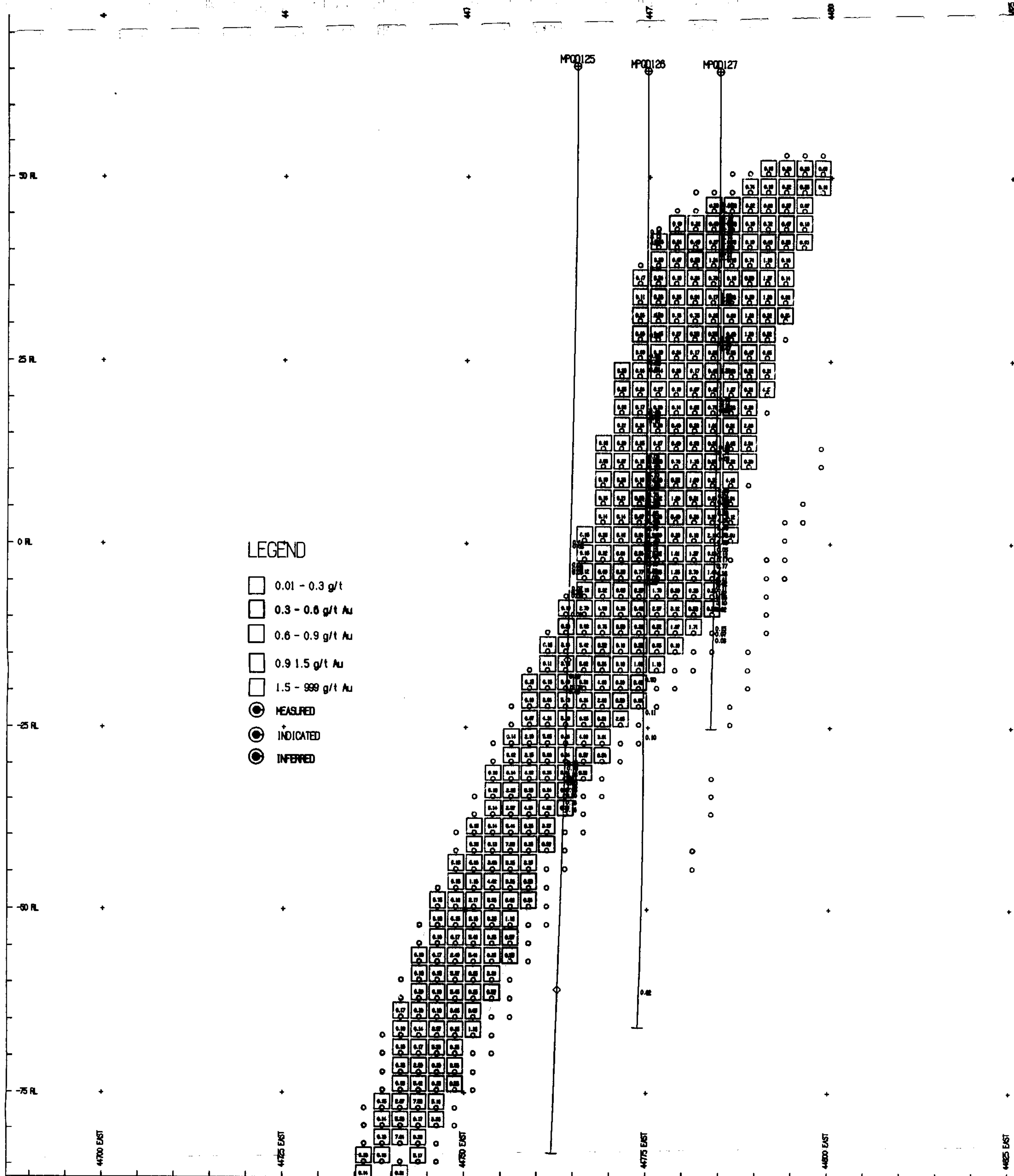
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Drawn By : MG

Northern Gold N.L.

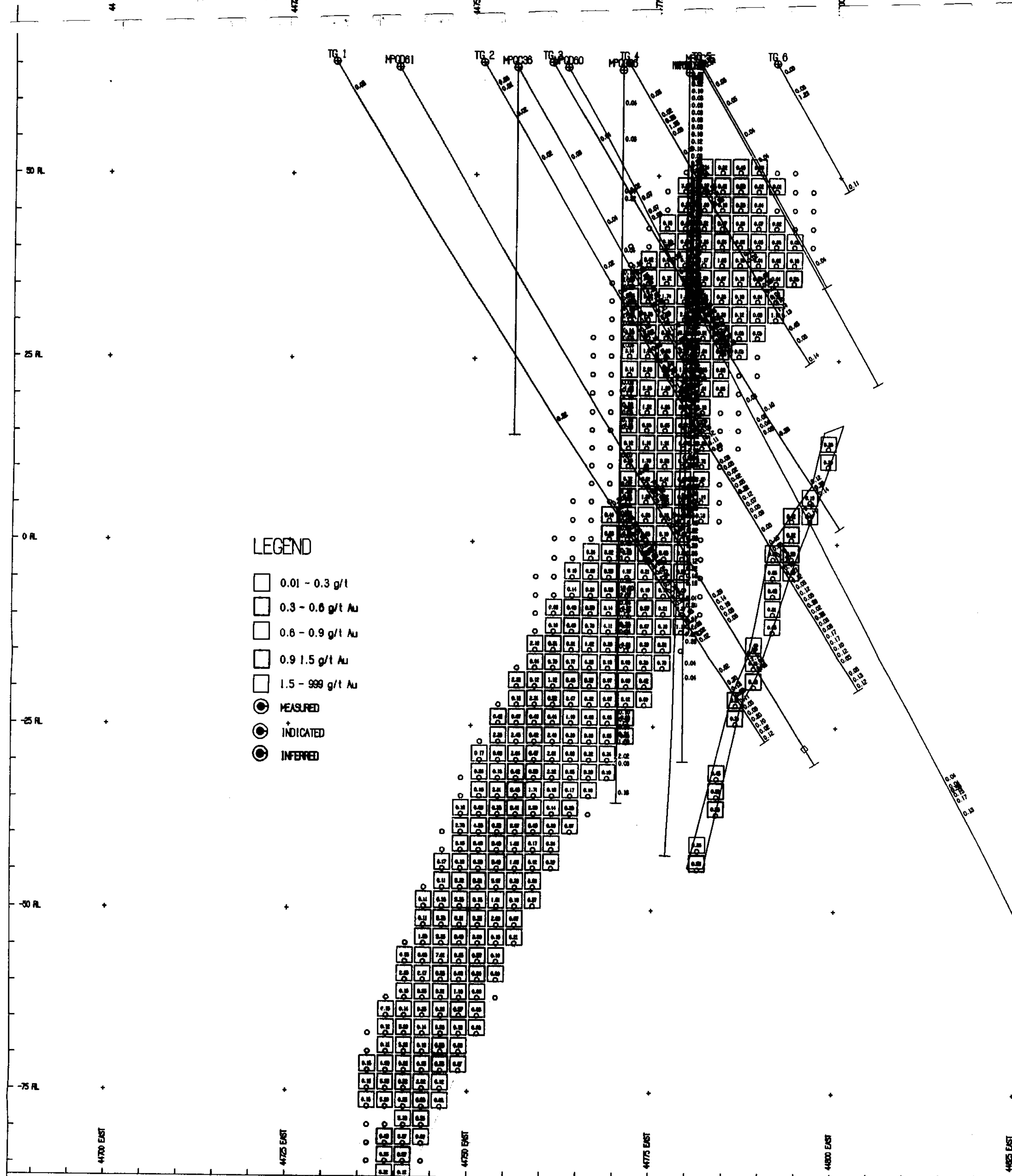
SIKONOS Vertical Section
64345 mN

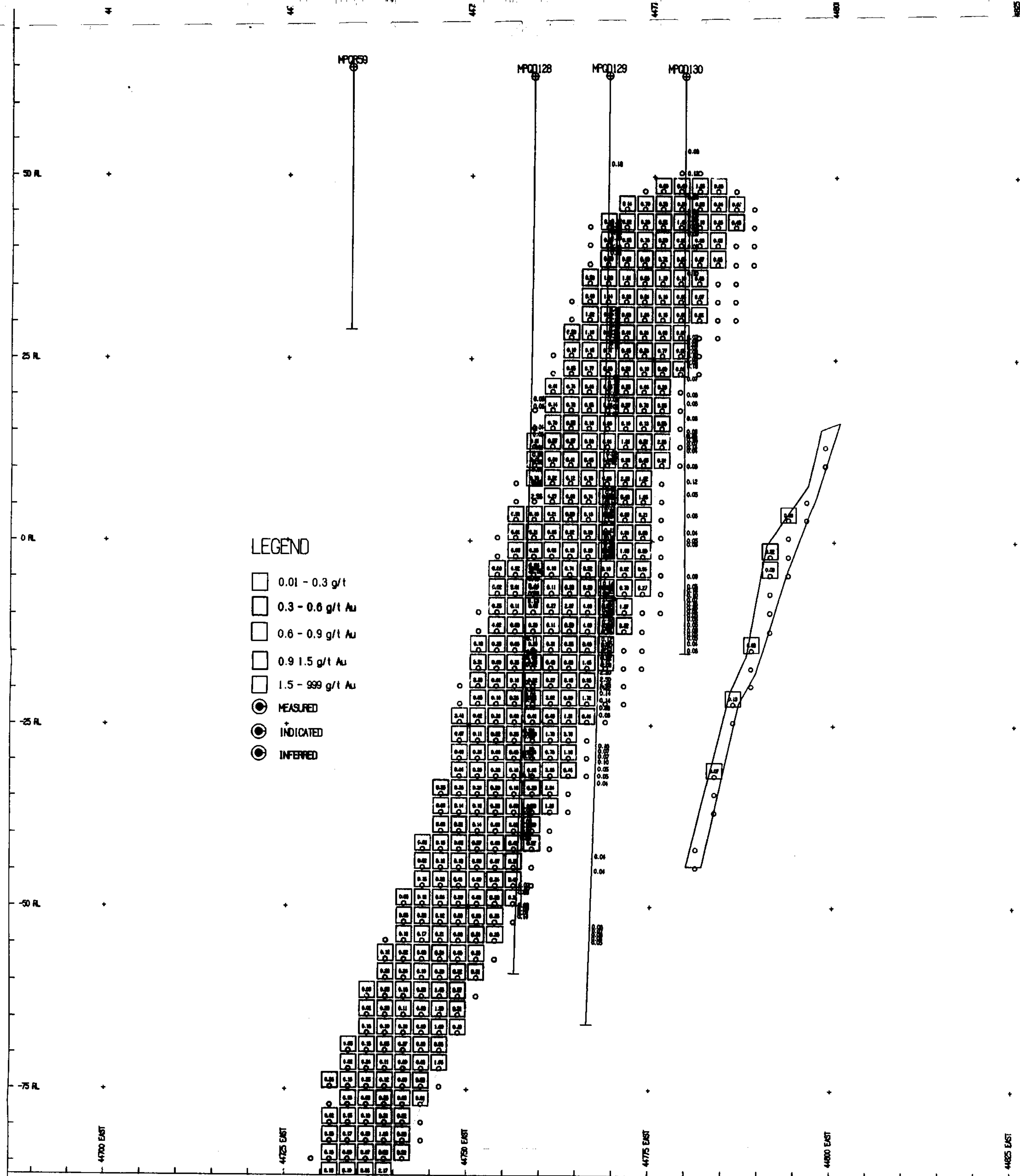
FIGURE 4



Adelaide River Office Adelaide River Northern Territory 0846 Australia		
UNITS : METRES DATE: 97/05/21 TIME: 08:49:41		
Drawn By : MG		

Northern Gold N.L.
SIKONOS Vertical Section
64365 mN
FIGURE 5





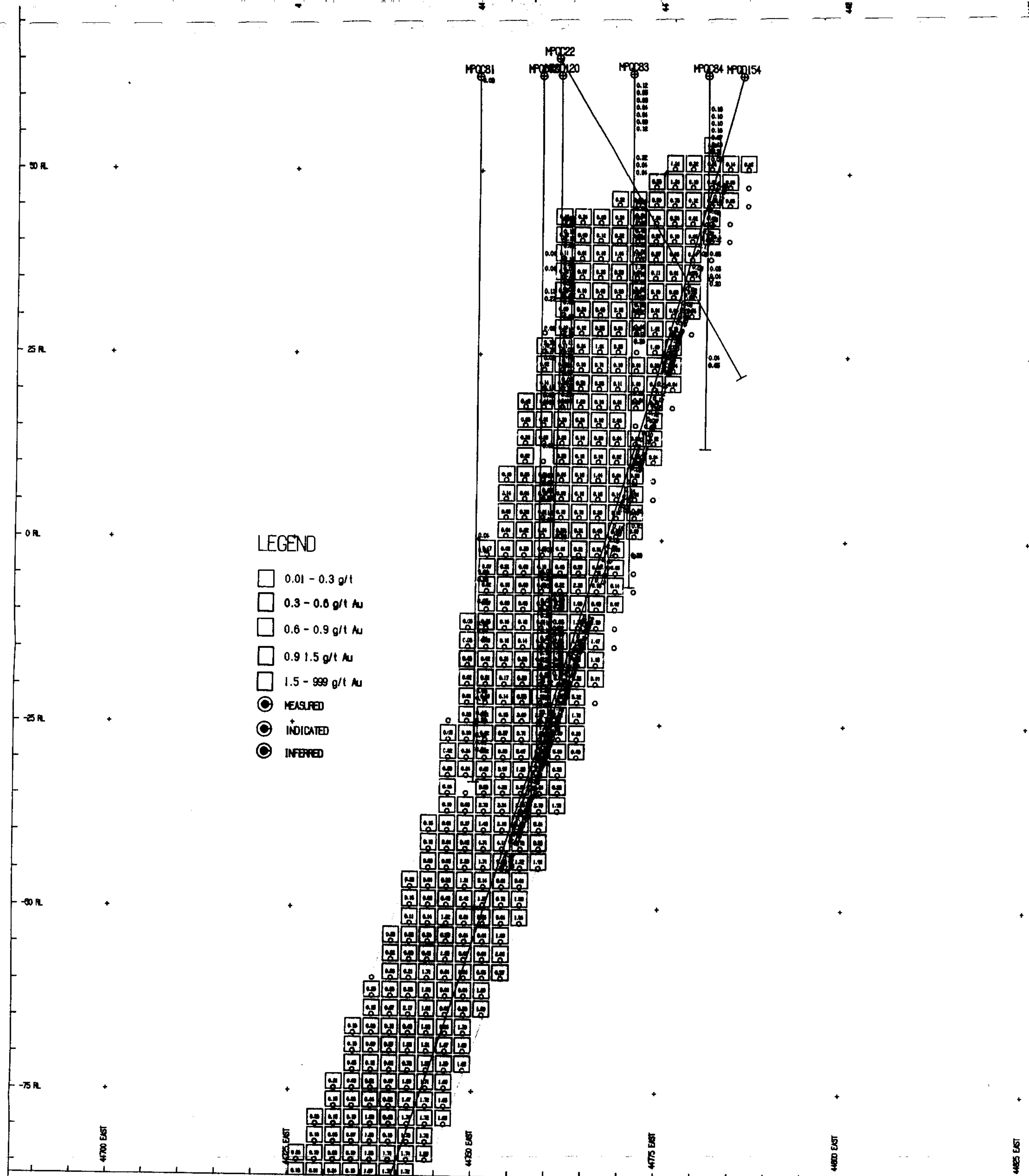
Adelaide River Office		
Adelaide River		
Northern Territory 0846		
Australia		
UNITS : METRES DATE: 97/05/21 TIME: 08:50:07		
Drawn By : MG		

Northern Gold N.L.

SIKONOS Vertical Section

64420 mN

FIGURE 7



Adelaide River Office Adelaide River Northern Territory 0846 Australia		
UNITS : METRES DATE: 97/05/21 TIME: 08:50:19		
Drawn By : MG		

Northern Gold N.L.

SIKONOS Vertical Section

64440 mN

FIGURE 8