

99-4329

ANNUAL REPORT-ST PATRICKS RIVER
EL 16/93 - R J HOLDEN

MICROFILMED
FICHE No. 015105-

Annual Report

583001

6 May 1998 - 6 May 1999

St Patricks River

E.L. 16/93

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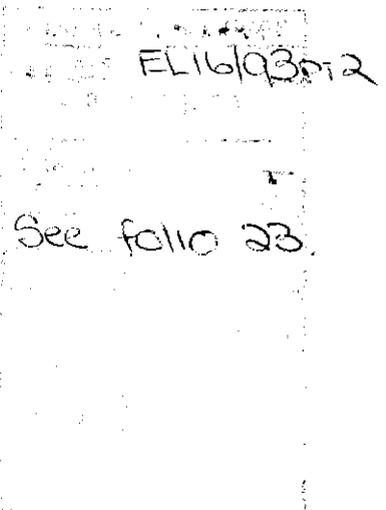
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Date:

20 April 1999



99-4329

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Tenement Information

EL 16/93 covers an area of 16 Km² within two parts (9 Km² at the Whittings Prospect and 7 Km² at the Targa Prospect).

These are located in the District of Dorset in the vicinity of the St. Patricks River.

The country rock is Mathinna Beds & Devonian Granodiorite at the Whittings Prospect & Mathinna Bedes at the Targa Prospect.

Mining History

Of the area now under tenure, only the Whittings Prospect has historical workings.

This working consists of an adit and trenches which were constructed early this century. This adit is commonly known as Whittings Prospect.

The adit drive enters the hill beside a small creek. It then continues on for 45 metres where a cross cut takes it basically east and west along a silicified, sulphidic shear zone.

Gold was the target of exploration and assays prove its existence. This shear zone was worked for 11 metres to the west & 24 metres to the east.

Best grades to date are:

Au - 9.3 PPM

Ag - 462 PPM

Pb - 1590 PPM

Zn - 2990 PPM

Cu - 263 PPM

As - 46000 PPM

Summary of Work Completed

Trench sampling at 2 metre intervals of the backs in the adit has been completed and an average grade of 184PPb Au has been realised.

Costeans that have been located area mostly to the north east of the adit. One of these realised a grade of 1 g/t Au.

Soil sampling above the adit has been completed.

The first line (Line 9) proved that the mineralisation is disseminated in the country rock and also that another vein of similar size had been located.

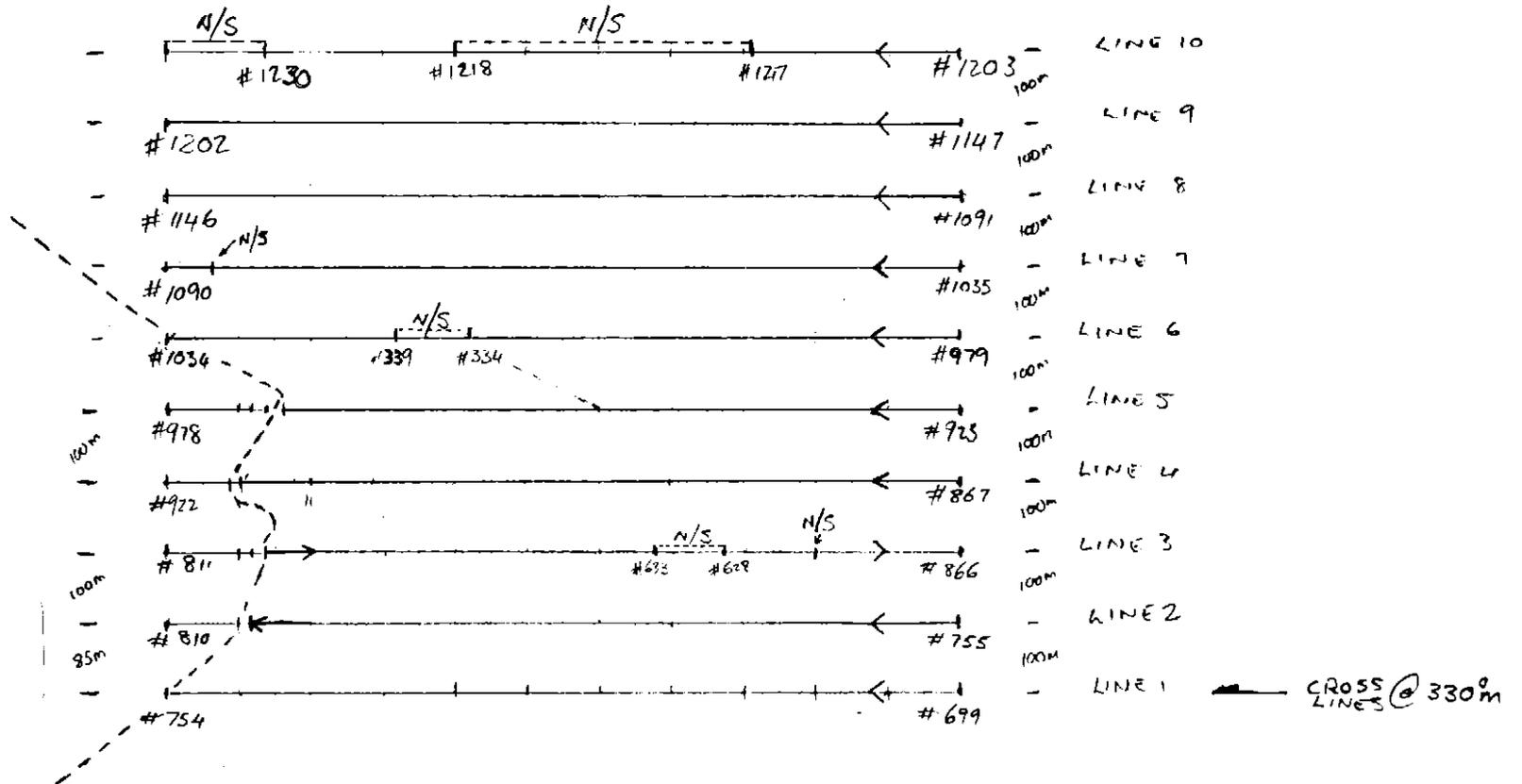
An extra four soil lines have been completed. These consist of three B~Horizon of 350m in length each and one C~Horizon soil sampling line of 480m in length.

^{c?}
B~Horizon soil samples were taken with a power auger at a depth of 45~100 cm, with the exception of five samples that were B~Horizon (#552, 553, 554, 536, 539) because of difficulties retrieving a C~Horizon sample. The assay method for the last four soil lines was a 30g fire assay with an AAS finish compared to an assay method of aqua-regia digest with an AAS finish which was used for Line 9.

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B-HORIZON GRID - TARGA (SAMPLE LOCATIONS)

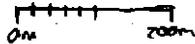
↑
BASE
LINE @ 60°m



PETER WATSON'S BOUNDARY

#1203 = 5429800N
532020 E

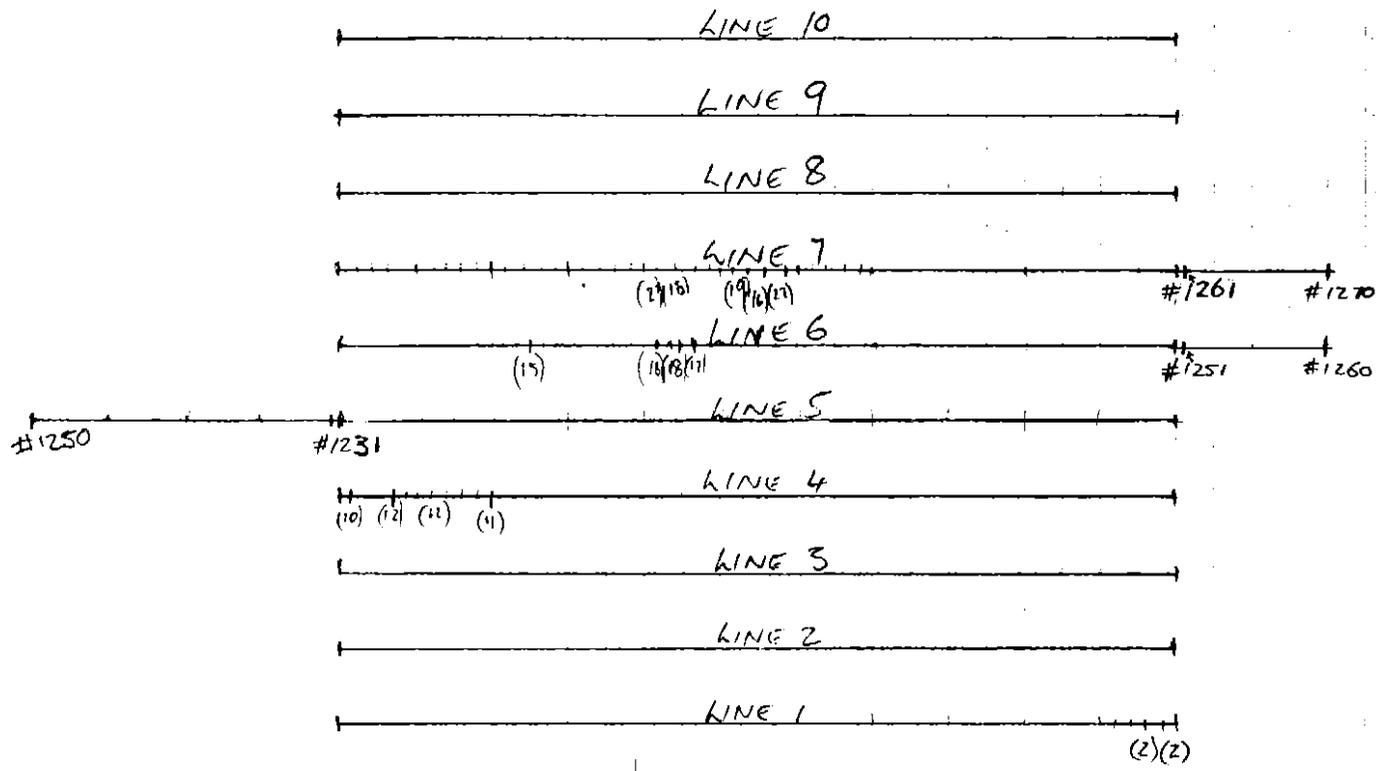
SCALE 1:100,000



583006

B-Horizon Line Extensions - TARGA

60°



5 cm

0m 100m

N/S

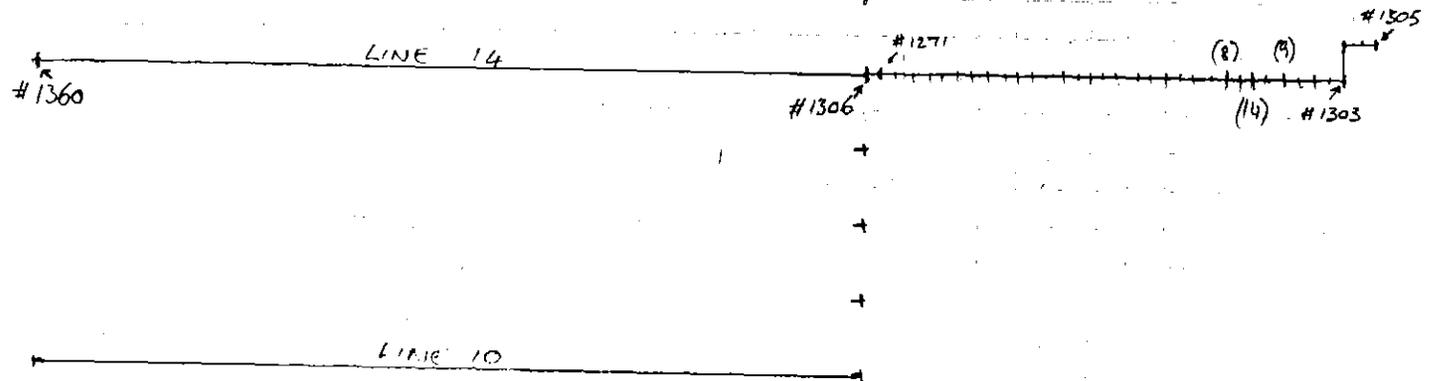
N/S



*

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TARGA, B-HORIZON (LINE 14 SAMPLE LOCATIONS)



*

SAMPLE LOCATIONS - WHITINGS SOILS GRID - E.L. 16/93

NOV 10 '99 11:46 P.02

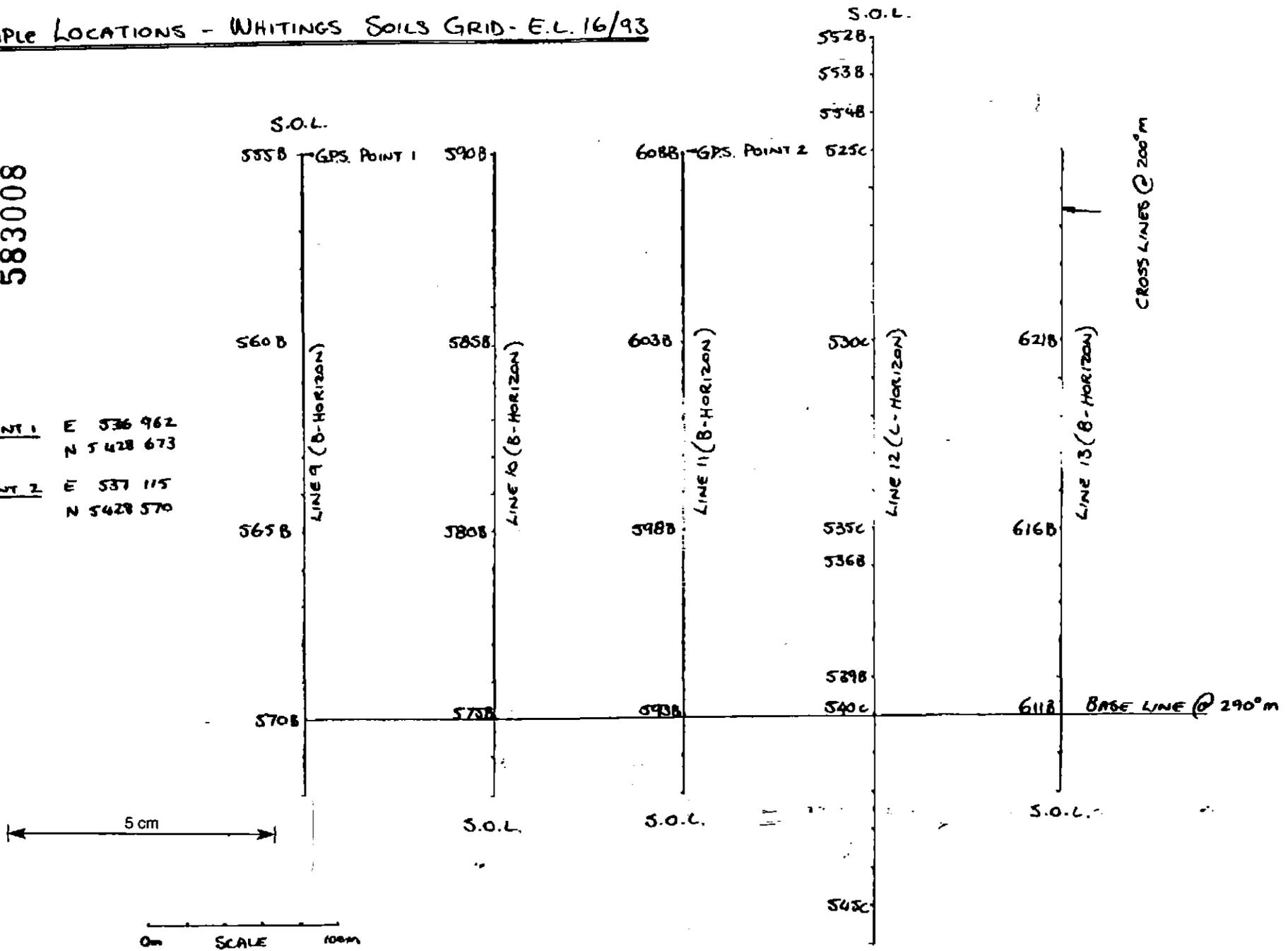
583008

GPS POINT 1 E 536 962
N 5428 673

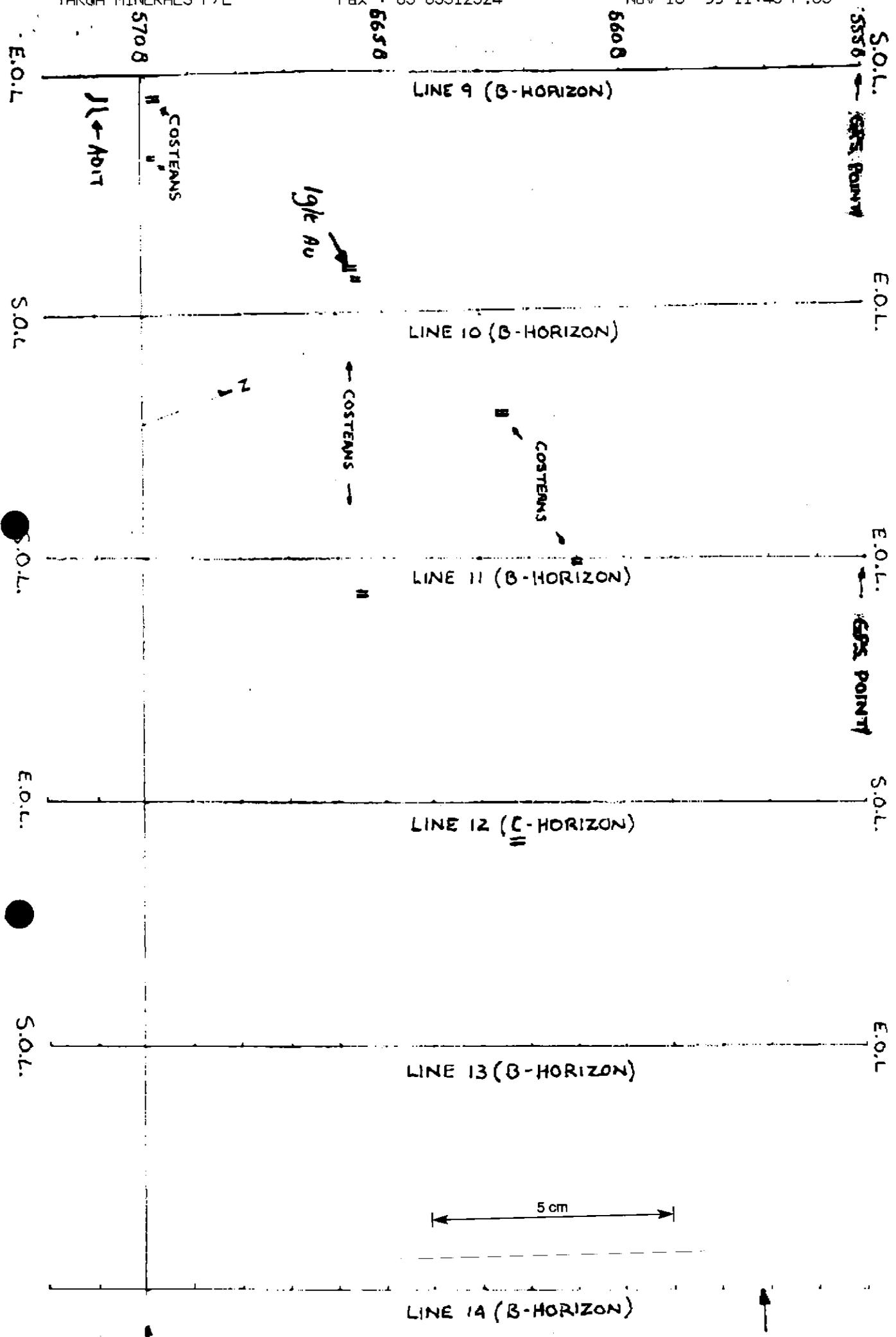
GPS POINT 2 E 537 115
N 5428 570

FAX : 05-63512524

TRIGH MINERALS P/L



583009



5 cm

LINE 14 (B-HORIZON)

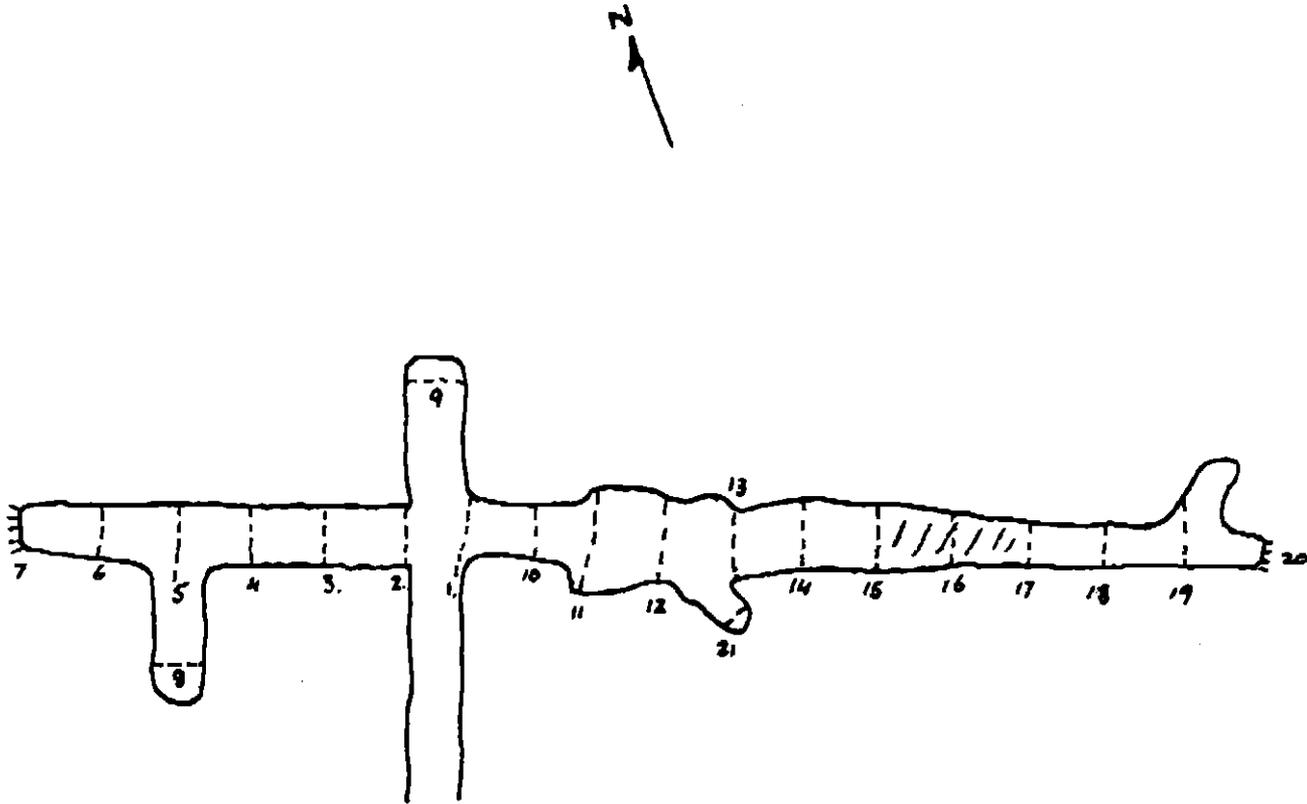
BASE LINE @ 290°m

0m SCALE 100m

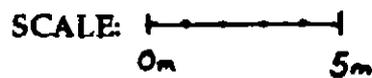
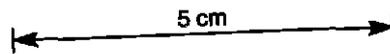
CROSS LINES @ 200°m

Details of Adit Samples

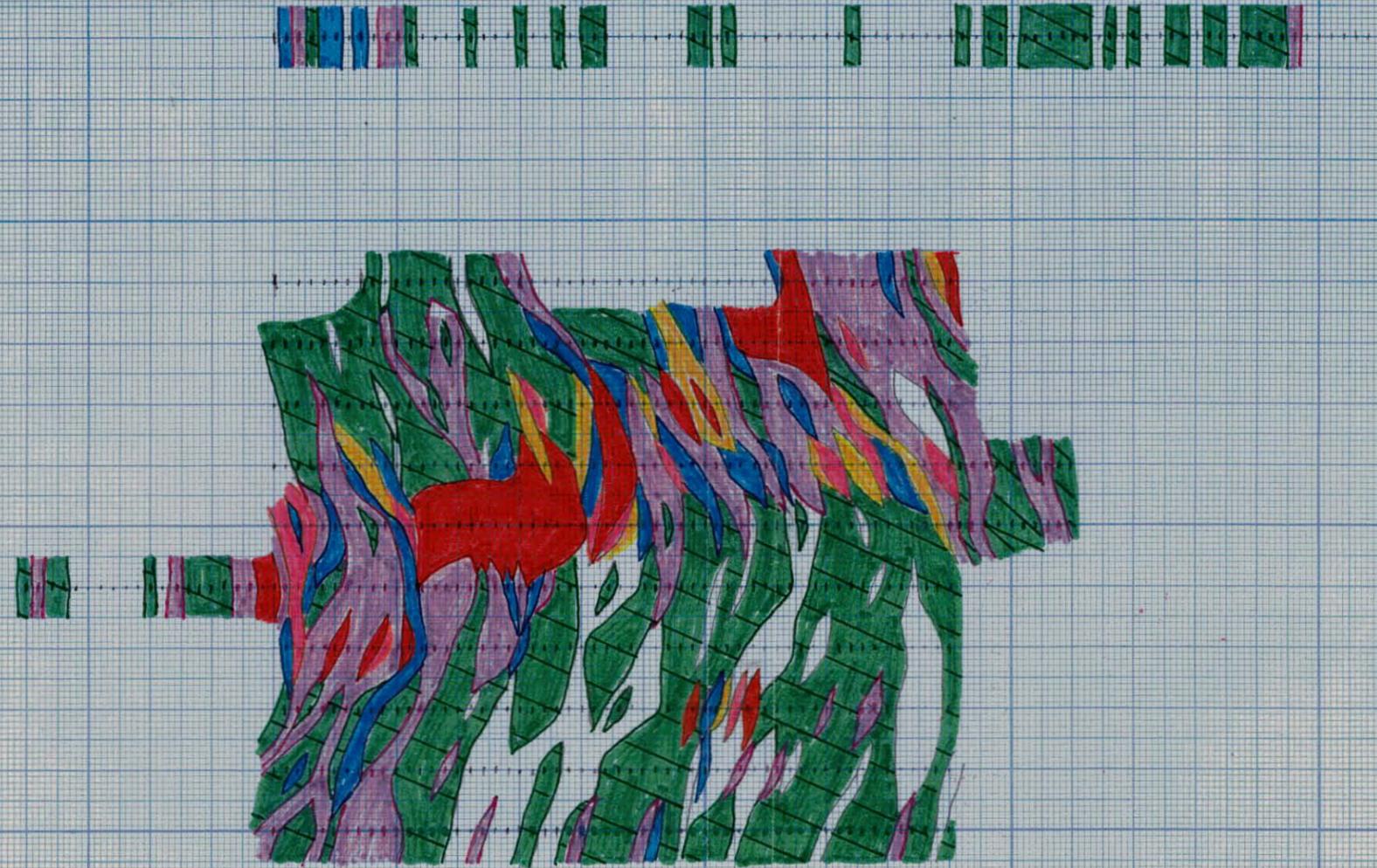
583010



SAMPLE N^o 301 - 321



583011



White	< 1
Green	1-2 Ppm
Purple	3-4 "
Blue	5-6 "
Yellow	7-8 "
Pink	9-10 "
Red	10+ "

ARSENIC CONTOURS



Rod Holden - Targa Minerals

UNITS DETECTION METHOD	Au ppm 0.01 P649	As ppm 1 H649	UNITS DETECTION METHOD	Au ppm 0.01 P649	As ppm 1 H649
	646	X		6	1060
647	X	X	1061	X	27
648	X	X	1062	X	16
649	X	X	1063	X	19
650	X	X	1064	X	5
651	X	X	1065	X	8
652	X	X	1066	X	18
653	X	X	1067	X	27
654	X	X	1068	X	7
655	X	X	1069	X	20
656	X	X	1070	X	18
657	X	X	1071	X	6
658	X	X	1072	X	5
659	X	2	1073	X	X
660	X	X	1074	X	3
661	X	X	1075	X	2
662	X	X	1076	X	2
663	X	X	1077	X	2
664	X	X	1078	X	1
665	X	X	1079	X	2
666	X	X	1080	X	X
667	X	X	1081	X	6
668	X	X	1082	X	8
669	X	X	1083	X	7
670	X	X	1084	X	5
671	X	X	1085	X	4
672	X	X	1086	X	3
673	X	X	1088	X	X
675	X	X	1089	X	2
676	X	X	1090	X	X
677	X	X	1091	X	3
678	X	X	1092	X	1
679	X	X	1093	X	X
680	X	X	1094	X	X
681	X	X	1095	X	X
682	X	X	1096	X	4
683	X	X	1097	X	2
684	X	X	1098	X	2
685	X	X	1099	X	8
686	X	X	1100	X	8
687	X	X	1101	X	9
688	X	X	1102	X	3
689	X	X	1103	X	3
690	X	X	1104	X	6
691	X	X	1105	X	5
692	X	X	1106	X	4



UNITS DETECTION METHOD	Au ppm 0.01 P649	As ppm 1 H649	UNITS DETECTION METHOD	Au ppm 0.01 P649	As ppm 1 H649
	693	X		X	1107
694	X	X	1108	X	2
695	X	X	1109	X	2
696	X	X	1110	X	3
697	X	X	1111	X	8
698	X	X	1112	X	13
699	X	2	1113	X	7
700	X	X	1114	X	13
701	X	2	1115	X	12
702	X	2	1116	X	4
703	X	4	1117	X	8
704	X	1	1118	X	3
705	X	2	1119	X	6
706	X	2	1120	X	16
707	X	2	1121	X	11
708	X	1	1122	X	8
709	X	X	1123	X	2
710	X	1	1124	X	2
711	X	2	1125	X	5
712	X	1	1126	X	9
713	X	2	1127	X	7
714	X	2	1128	X	2
715	X	2	1129	X	2
716	X	X	1130	X	2
717	X	1	1131	X	2
718	X	2	1132	X	3
719	X	1	1133	X	3
720	X	1	1134	X	1
721	X	X	1135	X	3
722	X	2	1136	X	1
723	X	5	1137	X	1
724	0.01	3	1138	X	X
725	X	2	1139	X	2
726	X	2	1140	X	2
727	X	2	1141	X	2
728	X	2	1142	X	2
729	X	3	1143	X	3
730	X	2	1144	X	X
731	0.01	X	1145	X	2
732	X	X	1146	X	1
733	X	2	1147	X	2
734	X	X	1148	X	2
735	X	X	1149	X	3
736	X	X	1150	X	3
737	X	3	1151	X	4
738	X	X	1152	X	3
739	X	X	1153	X	3
740	X	2	1154	X	4

A N A L A B S



UNITS DETECTION METHOD	Au ppm 0.01 P649	As ppm 1 H649	UNITS DETECTION METHOD	Au ppm 0.01 P649	As ppm 1 H649
	741	X		2	1155
742	X	1	1156	X	3
743	X	1	1157	X	2
744	X	3	1158	X	14
745	X	4	1159	X	12
746	X	4	1160	X	11
747	X	3	1161	X	13
748	X	2	1162	X	19
749	X	3	1163	X	22
750	X	2	1164	X	11
751	X	2	1165	X	6
752	X	1	1166	X	3
753	X	2	1167	X	4
754	X	3	1168	X	6
755	X	X	1169	X	8
756	X	2	1170	X	8
757	X	X	1171	X	5
758	X	X	1172	X	1
759	X	X	1173	X	2
760	X	2	1174	X	2
761	X	1	1175	X	2
762	X	X	1176	X	2
763	X	2	1177	X	2
764	X	2	1178	X	4
765	X	2	1179	X	5
766	X	2	1180	X	5
767	X	2	1181	X	2
768	X	X	1182	X	2
769	X	3	1183	X	2
770	X	X	1184	X	2
771	X	X	1185	X	X
772	X	3	1186	X	2
773	X	X	1187	X	3
774	X	X	1188	X	2
775	X	1	1189	X	3
776	X	X	1190	X	1
777	X	1	1191	X	2
778	X	2	1192	X	2
779	X	2	1193	X	3
780	X	1	1194	X	1
781	X	1	1195	X	1
782	X	1	1196	X	2
783	X	1	1197	X	X
784	X	X	1198	X	2
785	X	X	1199	X	2
786	X	X	1200	X	2
787	X	1	1201	X	2
788	X	2	1202	X	2



UNITS DETECTION METHOD	Au ppm 0.01 P649	As ppm 1 H649	UNITS DETECTION METHOD	Au ppm 0.01 P649	As ppm 1 H649
	789	X		X	1203
790	X	X	1204	X	8
791	X	X	1205	X	4
792	X	X	1206	X	2
793	X	X	1207	X	4
794	X	X	1208	X	5
795	X	1	1209	X	3
796	X	3	1210	X	4
797	X	2	1211	X	3
798	X	1	1212	X	4
799	X	2	1213	X	3
800	X	2	1214	X	3
801	X	4	1215	X	11
802	X	4	1216	X	12
803	X	5	1217	X	5
804	X	5	1218	X	4
805	X	2	1219	X	3
806	X	4	1220	X	1
807	X	2	1221	X	2
808	X	6	1222	X	2
809	X	1	1223	X	X
810	X	2	1224	X	1
811	X	X	1225	X	1
812	X	2	1226	X	2
813	X	3	1227	X	1
814	X	2	1228	X	1
815	X	3	1229	X	X
816	X	1	1230	X	2
817	X	4	1231	X	14
818	X	2	1231A	X	4
819	X	6	1232	X	4
820	X	2	1233	X	2
821	X	1	1234	X	2
822	X	2	1235	X	2
823	X	3	1236	X	1
824	X	2	1237	X	3
825	X	2	1238	X	X
826	X	2	1239	X	1
827	X	X	1240	X	X
828	X	1	1241	X	X
829	X	X	1242	X	X
830	X	X	1243	X	X
831	X	1	1244	X	X
832	X	2	1245	X	X
833	X	2	1246	X	2
834	X	2	1247	X	2
835	X	X	1248	X	X
836	X	X	1249	X	3



UNITS DETECTION METHOD	Au ppm 0.01 P649	As ppm 1 H649	UNITS DETECTION METHOD	Au ppm 0.01 P649	As ppm 1 H649
	837	X		X	1250
838	X	1	1251	X	1
839	X	X	1252	X	3
840	X	1	1253	X	2
841	X	X	1254	X	1
842	X	X	1255	X	2
843	X	X	1256	X	1
844	X	1	1257	X	2
851	X	1	1258	X	3
852	X	2	1259	X	3
853	X	1	1260	X	X
854	X	1	1261	X	2
855	X	2	1262	X	3
857	X	4	1263	X	3
858	X	2	1264	X	2
859	X	2	1265	X	2
860	X	3	1266	X	3
861	X	X	1267	X	2
862	X	1	1268	X	4
863	X	X	1269	X	2
864	X	X	1270	X	2
865	X	X	1271	X	1
866	X	1	1272	X	X
867	X	1	1273	X	2
868	X	X	1274	X	2
869	X	X	1275	X	X
870	X	X	1276	X	2
871	X	1	1277	X	2
872	X	1	1278	X	1
873	X	1	1279	X	2
874	X	2	1280	X	2
875	X	2	1281	X	2
876	X	1	1282	X	X
877	X	X	1283	X	2
878	X	X	1284	X	X
879	X	1	1285	X	2
880	X	X	1286	I/S	-
881	X	X	1287	X	X
882	X	X	1288	X	1
883	X	X	1289	X	2
884	X	1	1290	X	X
885	X	2	1291	X	5
886	X	2	1292	X	6
887	X	X	1294	X	3
888	X	1	1295	X	8
889	X	1	1296	X	14
890	X	X	1297	X	5
891	X	1	1298	X	9

583017

A N A L A B S



UNITS DETECTION METHOD	Au	As	UNITS DETECTION METHOD	Au	As
	ppm 0.01 P649	ppm 1 H649		ppm 0.01 P649	ppm 1 H649
892	X	X	1299	X	4
893	X	X	1300	X	3
894	X	1	1301	X	2
895	X	1	1302	X	2
896	X	1	1303	X	2
897	X	1	1304	X	1
898	X	X	1305	X	3
899	X	1	1306	X	X
900	X	2	1307	X	X
901	X	2	1308	X	X
902	X	1	1309	X	X
903	X	5	1310	X	X
904	X	3	1311	X	X
905	X	4	1312	X	X
906	X	3	1313	X	X
907	X	2	1314	X	2
908	X	2	1315	X	X
909	X	4	1316	X	X
910	X	4	1317	X	X
911	X	5	1318	X	X
912	X	11	1319	X	X
913	X	3	1320	X	X
914	X	9	1321	X	X
915	X	12	1322	X	X
916	X	4	1323	X	X
917	X	4	1324	X	2
918	X	12	1325	X	X
919	X	4	1326	X	2
920	X	3	1327	X	1
921	X	10	1328	X	X
922	X	5	1329	X	X
923	X	2	1330	X	X
924	X	1	1331	X	X
925	X	1	1332	X	X
926	X	X	1333	X	X
927	X	2	1334	X	1
928	X	1	1335	X	2
929	X	X	1336	X	2
930	X	2	1337	X	X
931	X	1	1338	X	2
932	X	1	1339	X	X
933	X	2	1340	X	X
934	X	1	1341	X	2
935	X	X	1342	X	X
936	X	1	1343	X	X
937	X	2	1344	X	X
938	X	1	1345	X	1
939	X	1	1346	X	X



UNITS DETECTION METHOD	Au ppm 0.01 P649	As ppm 1 H649	UNITS DETECTION METHOD	Au ppm 0.01 P649	As ppm 1 H649
	940	X		X	1347
941	X	1	1348	X	X
942	X	X	1349	X	X
943	X	1	1350	X	1
944	X	1	1351	X	3
945	X	2	1352	X	4
946	X	4	1353	X	X
947	X	2	1354	X	5
948	X	1	1355	X	X
949	X	X	1356	X	5
950	X	X	1357	X	5
951	X	1	1358	X	2
952	X	X	1359	X	3
953	X	X	1360	X	5
954	X	1	1361	X	X
955	X	2	1365	X	X
956	X	3	1366	X	X
957	X	5	1368	X	X
958	X	4	1369	X	X
959	X	5	1371	X	X
960	X	4	1372	X	X
961	X	2	1373	X	X
962	X	3	1374	X	X
963	X	4	1375	X	X
964	X	3	1376	X	X
965	X	4	1377	X	X
966	X	4	1378	X	X
967	X	5	1379	X	X
968	X	3	1380	X	X
969	X	4	1381	X	X
970	X	4	1382	X	X
971	X	3	1383	X	X
972	X	4	1384	X	X
973	X	2	1385	X	X
974	X	1	1386	X	X
975	X	6	1387	X	X
976	X	9	1388	X	X
977	X	3	1389	X	X
978	X	6	1390	X	X
979	X	3	1391	X	X
980	X	7	1392	X	X
981	X	4	1393	X	X
982	X	2	1394	X	X
983	X	2	1395	X	X
984	X	2	1396	X	X
985	X	2	1397	X	X
986	X	X	1398	X	X
987	X	1	1399	X	X



UNITS DETECTION METHOD	Au	As	UNITS DETECTION METHOD	Au	As
	ppm 0.01 P649	ppm 1 H649		ppm 0.01 P649	ppm 1 H649
988	X	2	1400	X	X
989	X	2	1401	X	X
990	X	X	1402	X	X
991	X	1	1403	X	X
992	X	X	1404	X	X
993	X	2	1405	X	X
994	X	2	1406	X	X
995	X	X	1407	X	X
996	X	3	1408	X	X
997	X	2	1409	X	X
998	X	5	1410	X	X
999	X	2	1411	X	X
1000	X	2	1412	X	X
1001	X	4	1413	X	X
1002	X	2	1414	X	X
1003	X	3	1415	X	X
1004	X	6	1416	X	X
1005	X	8	1417	X	X
1006	X	9	1418	X	X
1007	X	14	1419	X	X
1008	X	9	1420	X	X
1009	X	13	1421	X	X
1010	X	17	1422	X	X
1011	X	17	1423	X	X
1012	X	18	1424	X	X
1013	X	18	1425	X	X
1020	X	15	1426	X	X
1021	X	16	1427	X	X
1022	X	14	1428	X	X
1023	X	13	1429	X	X
1024	X	10	1430	X	X
1025	X	6	1431	X	X
1026	X	4	1432	X	X
1027	X	2	1433	X	X
1028	X	3	1434	X	X
1029	X	3	1435	X	X
1030	X	5	1436	X	X
1031	X	4	1437	X	X
1032	X	9	1438	X	X
1033	X	6	1439	X	X
1034	X	9	1440	X	X
1035	X	10	1441	X	X
1036	X	10	1442	X	X
1037	X	3	1443	X	X
1038	X	8	1444	X	X
1039	X	5	1445	X	X
1040	X	6	1446	X	5
1041	X	9	1447	X	12

583020

A N A L A B S



UNITS DETECTION METHOD	Au	As	UNITS DETECTION METHOD	Au	As
	ppm	ppm		ppm	ppm
	0.01	1		0.01	1
	P649	H649		P649	H649
1042	X	7	1448	X	6
1043	X	8	1449	X	9
1044	X	9	1450	X	7
1045	X	9	1451	X	4
1046	X	7	RC30	X	X
1047	X	3	RC31	X	X
1048	X	3	RC32	X	1
1049	X	6	RC35	X	2
1050	X	4	RC37	X	4
1051	X	5	RC38	X	5
1052	X	6	RC39	X	6
1053	X	6	RC40	X	X
1054	X	4	RC41	X	6
1055	X	3			
1056	X	5			
1057	X	5			
1058	X	9			
1059	X	3			

Conclusion

In conclusion, several discoveries have been made. They are as follows:

1. The soil sampling program over the Targa Prospect proves anomalous zones that are related to the brecciated quartz veins and are open ended to the East and West.
2. The low arsenic values and nil gold results can be attributed to the use of Aqua-Regia Digest assay method, as the initial soil lines were assayed using the fire assay method, which returned much higher values.

In future, all soil samples will be assayed using the fire assay method so as to better define anomalous zones.

Proposed Future Exploration

R.J Holden is currently raising funds through the company Targa Minerals Pty Ltd.

This company will undertake further geo-chemical work, namely soil and stream sediment sampling. Also we will undertake some geo-physical and magnetics to properly define drill targets.

These drill targets will be tested using a combination of RC and diamond drilling techniques. Some several hundred metres of drilling will be undertaken in the first year of this proposed program.

Exploration Philosophy

“To build a discovery to a mineable asset.”

Exploration Objective

To explore the area within E.L. 16/93 for hydrothermal gold deposits.