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GEPHOTO MINERALS REPORT 1971/3

REPORT ON INVESTIGATION OF E.L.23/70

NORTH-WEST TASMANIAN ISLANDS

for

FRIO MINING & EXPLORATION PTY. LTD.

by

I.G. SANKER

GEPHOTC RESOURCES CONSULTANTS

BRISBANE, QUEENSLAND, AUSTRALIA

MARCH 1971

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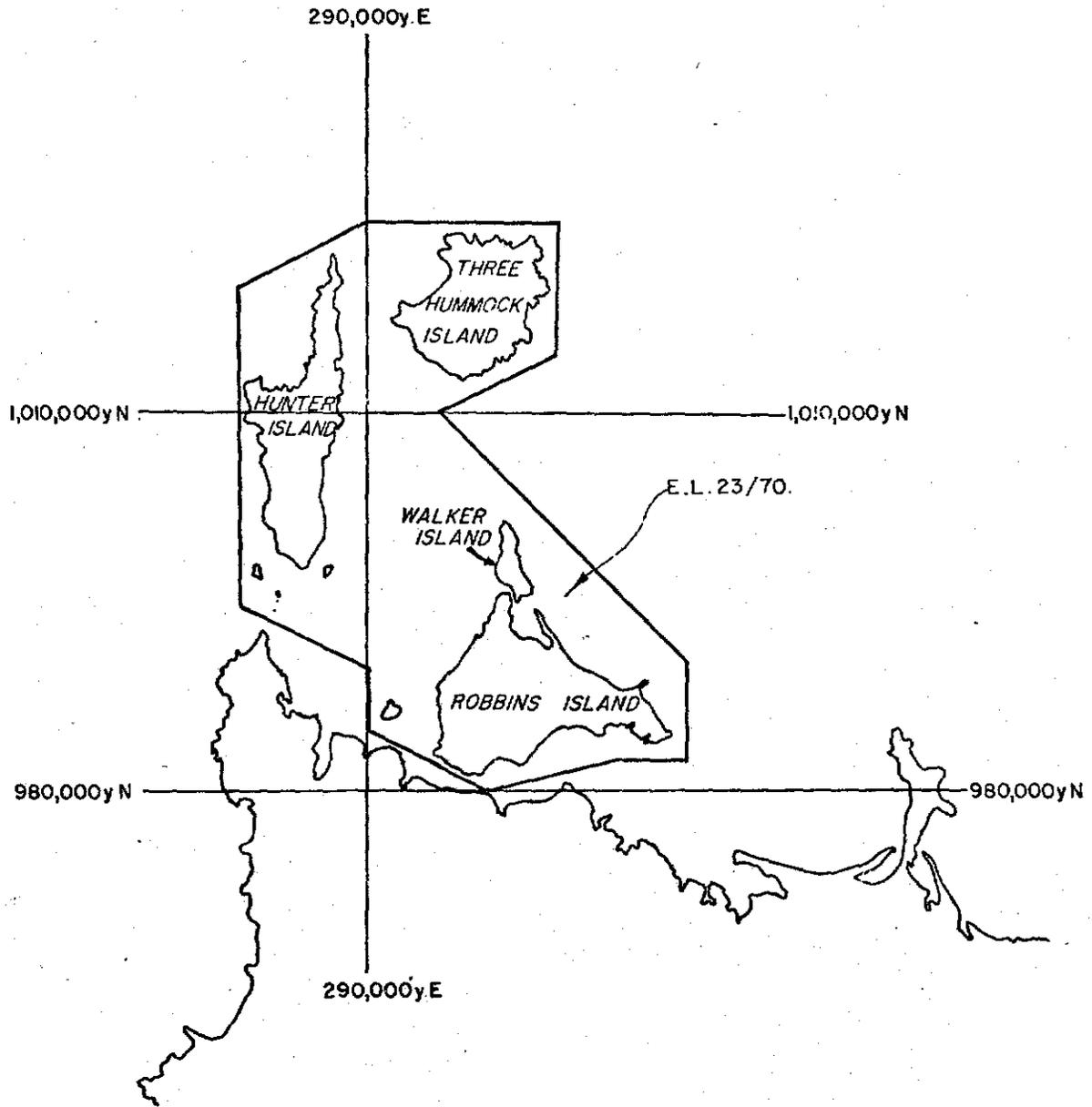
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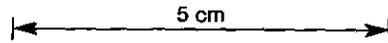
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SCALE: 1:500,000



LOCATION MAP E.L.23/70
N.W. TASMANIAN ISLANDS

INTRODUCTION

Exploration Licence 23/70 over 260 square miles and covering Robbins, Walker, Hunter and Three Hummocks Islands, as well as several smaller islands, off the north-west corner of Tasmania was issued to I.G. Hiley on behalf of Frio Mining & Exploration Pty. Ltd. on 14th April, 1970 for 6 months. The title was later extended to 14th April, 1971.

Geophoto Resources Consultants have acted as exploration consultants to the titleholder.

ACCESS

Field operations in the area were carried out by a field party moving from island to island. Access to Robbins and Walker Islands is possible from the mainland at low tide, using four-wheel-drive vehicles. Access to the other islands was by the use of barge, light aircraft and boat.

Few tracks exist on the islands and movement was frequently difficult due to swampy conditions and thick vegetation.

PREVIOUS WORK

The Electrolytic Zinc Company of Australasia Ltd. carried out an exploration program in 1968 for heavy mineral deposits. Their work did not result in the recognition of any economic mineral deposits.

Naracoopa Rutile Ltd. held part of the area during 1969 - 70 and an investigation program was carried out, again without economic results being obtained.

GEOLOGICAL INVESTIGATION

A preliminary photogeological interpretation was carried out and a map at scale 1:50,000 produced. A copy of this map is attached as an enclosure to this report.

The photogeological map essentially agreed with published geological information on the islands, although in greater detail. However, field investigation indicated some major differences.

Robbins Island

Precambrian sandstones (or quartzites) outcrop in the western part. Tertiary basalts occur in the east. Adjacent Walker Island consists of Precambrian rocks.

Hunter Island

Previous mapping indicated the island to consist of Precambrian rocks and granite. The field work, however, revealed no evidence of granite and the island to consist of Precambrian sandstone (or quartzite) with some slate.

Three Hummock Island

This island consists of granite.

There is considerable sand and soil cover on all islands.

GEOCHEMICAL INVESTIGATION

Rock, soil and stream sediment sampling was carried out for geochemical analysis. Dune and beach sands were sampled for heavy mineral determination.

Three Hummock Island

A total of 613 samples was collected, made up of 345 rock samples and 268 soil, sand and stream sediment samples.

Hunter Island

A total of 581 samples were collected, made up of 349 rock samples and 232 soil, sand and stream sediment samples. Several small islands off Hunter Island were sampled also and these are included in the total.

Robbins and Walker Islands

These islands were regionally scouted only and no

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detailed sampling was carried out except for sand sampling on Walker Island.

Sample point locations are indicated on the enclosed maps.

Rock samples were analytically tested for copper, nickel, cobalt, lead, zinc, silver and tungsten and were examined under ultra-violet radiation for the presence of scheelite. Soil and stream sediment samples were tested for the same elements.

Sand samples with apparent heavy mineral content were field concentrated by panning and laboratory tested for heavy mineral content by bromoform separation and microscopic examination.

Analyses results are attached as appendices to the report.

APPENDIX I

SAMPLE ANALYSES

THREE HUMMOCK ISLAND

ATS	Soil sample
ATE	Stream sediment sample
ATB	Beach sand sample
ATR	Rock sample

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GEOCHEMICAL LABORATORY REPORT 897010

FIELD SHEET No. 003061 PROJECT No. EL.23/70 - THREE HUMMOCKS ISLAND

LAB. SHEET No. 425/1 SAMPLE TYPE: SOIL PROFILE DATE: 6th October, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W ppm
ATS 103	70-J-1386	BLD	BLD	BLD	5	BLD	BLD	BLD
ATS 104	70-J-1387	BLD	BLD	BLD	5	2	BLD	BLD
ATS 105	70-J-1388	BLD	BLD	BLD	5	BLD	BLD	BLD
ATS 106	70-J-1389	BLD	BLD	BLD	30	5	BLD	BLD
ATS 107	70-J-1390	BLD	BLD	BLD	5	2	BLD	BLD
ATS 108	70-J-1391	BLD	BLD	BLD	5	2	BLD	BLD
ATS 109	70-J-1392	BLD	BLD	BLD	15	2	BLD	BLD
ATS 110	70-J-1393	BLD	BLD	BLD	10	2	BLD	BLD
ATS 111	70-J-1394	BLD	BLD	BLD	5	2	BLD	BLD
ATS 112	70-J-1395	BLD	BLD	BLD	5	2	BLD	BLD
ATS 113	70-J-1396	BLD	BLD	BLD	5	2	BLD	BLD
ATS 114	70-J-1397	BLD	BLD	BLD	5	2	BLD	BLD
ATS 115	70-J-1398	BLD	BLD	BLD	5	2	BLD	BLD
ATS 116	70-J-1399	BLD	BLD	BLD	10	BLD	BLD	BLD
ATS 117	70-J-1400	BLD	BLD	BLD	10	5	BLD	BLD
ATS 118	70-J-1401	BLD	BLD	BLD	30	5	BLD	BLD
ATS 119	70-J-1402	BLD	BLD	BLD	10	2	BLD	BLD
ATS 120	70-J-1403	BLD	BLD	BLD	10	BLD	BLD	BLD
ATS 121	70-J-1404	BLD	BLD	BLD	15	2	BLD	BLD
ATS 122	70-J-1405	BLD	BLD	BLD	5	2	BLD	BLD
ATS 123	70-J-1406	BLD	BLD	BLD	10	2	BLD	BLD
ATS 124	70-J-1407	BLD	BLD	BLD	15	2	BLD	BLD
ATS 125	70-J-1408	BLD	BLD	BLD	5	2	BLD	BLD
ATS 126	70-J-1409	BLD	BLD	BLD	10	2	BLD	BLD
ATS 127	70-J-1410	BLD	BLD	BLD	10	2	BLD	BLD
ATS 128	70-J-1411	BLD	BLD	BLD	5	2	BLD	BLD
ATS 129	70-J-1412	BLD	BLD	BLD	5	2	BLD	BLD
ATS 130	70-J-1413	BLD	BLD	BLD	5	2	BLD	BLD
ATS 131	70-J-1414	BLD	BLD	BLD	5	2	BLD	BLD
ATS 132	70-J-1415	BLD	BLD	BLD	5	5	BLD	BLD
ATS 133	70-J-1416	BLD	BLD	BLD	5	2	BLD	BLD
ATS 134	70-J-1417	BLD	BLD	BLD	10	BLD	BLD	BLD
ATS 135	70-J-1418	BLD	BLD	BLD	5	2	BLD	BLD
ATS 136	70-J-1419	BLD	BLD	BLD	5	2	BLD	BLD
ATS 137	70-J-1420	BLD	BLD	BLD	5	2	BLD	BLD
ATS 138	70-J-1421	BLD	BLD	BLD	5	BLD	BLD	BLD
ATS 139	70-J-1422	BLD	5	BLD	5	2	BLD	BLD
ATS 140	70-J-1423	5	25	35	70	10	1	BLD
ATS 141	70-J-1424	BLD	BLD	BLD	5	2	BLD	BLD
ATS 142	70-J-1425	BLD	BLD	BLD	5	5	BLD	BLD
ATS 143	70-J-1426	BLD	BLD	BLD	5	10	BLD	BLD
ATS 144	70-J-1427	BLD	BLD	BLD	5	2	BLD	BLD
ATS 145	70-J-1428	BLD	BLD	BLD	5	2	BLD	BLD
ATS 146	70-J-1429	BLD	BLD	BLD	5	2	BLD	BLD
ATS 147	70-J-1430	BLD	BLD	BLD	5	2	BLD	BLD
ATS 148	70-J-1431	BLD	BLD	BLD	5	5	BLD	BLD

METHODS:

This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Cu, Ni, Co, Pb, Zn, Ag by GRC No. 1
W by GRC No. 4A

B.L.D. = Below Limit of Detection

Chief Chemist

Ray W. Zeeb



GEOCHEMICAL LABORATORY REPORT 897011

010

FIELD SHEET No.: 003061 PROJECT No.: EL. 23/70 3 HUMMOCKS ISLAND

LAB. SHEET No.: 425/2 SAMPLE TYPE: SOIL PROFILE DATE: 6th October, 1970.

ROCK

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W ppm
ATS 149	70-J-1432	BLD	BLD	BLD	5	2	BLD	BLD
ATS 150	70-J-1433	BLD	BLD	BLD	5	2	BLD	BLD
ATS 151	70-J-1434	BLD	BLD	BLD	5	2	BLD	BLD
ATS 152	70-J-1435	BLD	BLD	BLD	5	2	BLD	BLD
ATR 174	70-J-1605	2	5	BLD	20	35	BLD	BLD
ATR 175	70-J-1606	2	10	BLD	25	60	BLD	BLD
ATR 176	70-J-1607	BLD	10	BLD	20	45	BLD	BLD
ATR 177	70-J-1608	BLD	5	BLD	20	35	BLD	BLD
ATR 178	70-J-1609	BLD	5	BLD	20	35	BLD	BLD
ATR 180	70-J-1610	BLD	10	BLD	25	60	BLD	BLD
ATR 182	70-J-1611	BLD	10	15	25	55	BLD	BLD
ATR 183	70-J-1612	BLD	10	10	25	50	BLD	BLD
ATR 184	70-J-1613	BLD	10	BLD	25	50	BLD	BLD
ATR 1150	70-J-1579	BLD	BLD	BLD	25	5	BLD	BLD
ATR 1151	70-J-1580	BLD	5	BLD	30	5	BLD	BLD
ATR 1152	70-J-1581	BLD	5	BLD	25	45	BLD	BLD
ATR 1153	70-J-1582	BLD	10	BLD	30	50	BLD	BLD
ATR 1154	70-J-1583	BLD	10	BLD	20	40	BLD	BLD
ATR 1155	70-J-1584	BLD	5	BLD	15	5	BLD	BLD
ATR 1156	70-J-1585	BLD	10	BLD	20	35	BLD	BLD
ATR 1157	70-J-1586	BLD	5	BLD	10	10	BLD	BLD
ATR 1157 f	70-J-1587	BLD	5	BLD	10	5	BLD	BLD
ATR 1158	70-J-1588	BLD	10	BLD	20	40	BLD	BLD
ATR 1159	70-J-1589	2	15	BLD	20	55	BLD	BLD
ATR 1162	70-J-1590	5	20	5	20	60	BLD	BLD
ATR 1163	70-J-1591	10	15	BLD	20	55	BLD	BLD
ATR 1164	70-J-1592	2	20	10	25	85	BLD	BLD
ATR 1165	70-J-1593	2	20	BLD	20	60	BLD	BLD
ATR 1166	70-J-1594	2	15	BLD	15	40	BLD	BLD
ATR 1167	70-J-1595	5	20	5	15	75	BLD	BLD
ATR 1168	70-J-1596	5	20	5	15	70	BLD	BLD
ATR 1169	70-J-1597	5	20	BLD	15	55	BLD	BLD
ATR 1170	70-J-1598	5	20	BLD	15	40	BLD	BLD
ATR 1171	70-J-1599	5	15	BLD	15	45	BLD	BLD
ATR 1172	70-J-1600	5	15	BLD	15	60	BLD	BLD
ATR 1173	70-J-1601	5	10	BLD	15	45	BLD	BLD

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

Ray W. Zerkow

GEOCHEMICAL LABORATORY REPORT 897012

011

FIELD SHEET No.: 003063 PROJECT No.: EL.23/70 - THREE HUMMOCKS ISLAND
 LAB. SHEET No.: 425/3 SAMPLE TYPE: SOIL PROF. DATE: 6th October, 1970.

Rock

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W ppm
ATR 1100	70-J-1486	BLD	BLD	BLD	5	5	BLD	BLD
ATR 1101	70-J-1487	BLD	BLD	BLD	15	25	BLD	BLD
ATR 1102	70-J-1488	BLD	BLD	BLD	10	25	BLD	BLD
ATR 1103	70-J-1489	BLD	BLD	BLD	10	5	BLD	BLD
ATR 1104	70-J-1490	BLD	BLD	BLD	15	20	BLD	BLD
ATR 1105	70-J-1491	BLD	5	BLD	10	35	BLD	BLD
ATR 1106	70-J-1492	BLD	BLD	BLD	15	2	BLD	BLD
ATR 1107	70-J-1493	BLD	BLD	BLD	10	20	BLD	BLD
ATR 1108	70-J-1494	BLD	BLD	BLD	5	5	BLD	BLD
ATR 1109	70-J-1495	BLD	BLD	BLD	10	20	BLD	BLD
ATR 1110	70-J-1496	BLD	5	BLD	10	30	BLD	BLD
ATR 1111	70-J-1497	BLD	BLD	BLD	15	35	BLD	BLD
ATR 1112	70-J-1498	2	5	BLD	20	30	BLD	BLD
ATR 1113	70-J-1499	2	BLD	BLD	10	5	BLD	BLD
ATR 1114	70-J-1500	2	10	BLD	20	35	BLD	BLD
ATR 1115	70-J-1501	2	BLD	BLD	25	35	BLD	BLD
ATR 1116	70-J-1502	5	5	BLD	20	50	BLD	BLD
ATR 1117	70-J-1503	5	BLD	BLD	30	25	BLD	BLD
ATR 1118	70-J-1504	BLD	BLD	BLD	10	2	BLD	BLD
ATR 1119	70-J-1505	2	5	BLD	20	40	BLD	BLD
ATR 1120	70-J-1506	BLD	BLD	BLD	15	20	BLD	BLD
ATR 1121	70-J-1507	2	BLD	BLD	15	35	BLD	BLD
ATR 1122	70-J-1508	2	BLD	BLD	15	40	BLD	BLD
ATR 1123	70-J-1509	BLD	5	BLD	20	45	BLD	BLD
ATR 1124	70-J-1510	2	5	BLD	20	30	BLD	BLD
ATR 1125	70-J-1511	10	5	BLD	20	40	BLD	BLD
ATR 1126	70-J-1512	BLD	BLD	BLD	10	5	BLD	BLD
ATR 1127	70-J-1513	BLD	5	BLD	20	45	BLD	BLD
ATR 1128	70-J-1514	BLD	BLD	BLD	20	45	BLD	BLD
ATR 1129	70-J-1515	BLD	BLD	BLD	15	45	BLD	BLD
ATR 1130	70-J-1516	BLD	BLD	BLD	20	45	BLD	BLD
ATR 1131	70-J-1517	BLD	BLD	BLD	20	45	BLD	BLD
ATR 1132	70-J-1518	5	BLD	BLD	15	25	BLD	BLD
ATR 1133	70-J-1519	10	30	35	85	85	2	BLD
ATR 1134	70-J-1520	2	5	BLD	15	40	BLD	BLD
ATR 1135	70-J-1521	BLD	5	BLD	20	55	BLD	BLD
ATR 1136	70-J-1522	2	BLD	BLD	5	15	BLD	BLD
ATR 1137	70-J-1523	BLD	BLD	BLD	15	45	BLD	BLD
ATR 1138	70-J-1524	BLD	BLD	BLD	20	40	BLD	BLD
ATR 1139	70-J-1525	2	5	BLD	15	40	BLD	BLD
ATR 1140	70-J-1526	BLD	BLD	BLD	20	20	BLD	BLD
ATR 1141	70-J-1527	BLD	5	BLD	20	55	BLD	BLD
ATR 1142	70-J-1528	BLD	5	BLD	25	50	BLD	BLD
ATR 1143	70-J-1529	BLD	5	BLD	25	55	BLD	BLD
ATR 1144	70-J-1530	BLD	BLD	BLD	25	40	BLD	BLD
ATR 1145	70-J-1531	BLD	BLD	BLD	20	2	BLD	BLD

METHODS:

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Chief Chemist

Ray W. [Signature]

012

GEOCHEMICAL LABORATORY REPORT 897013

FIELD SHEET No.: 003063 PROJECT No. EL 23/70 - THREE HUMMOCKS ISLAND

LAB. SHEET No.: 425/4 SAMPLE TYPE: SOIL PROFILE DATE: 6th October, 1970.

Rock, Stream sed.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W ppm
ATR 1146	70-J-1532	BLD	5	BLD	20	45	BLD	BLD
ATR 1147	70-J-1533	BLD	BLD	BLD	15	2	BLD	BLD
ATR 1148	70-J-1534	BLD	BLD	BLD	15	5	BLD	BLD
ATR 1149	70-J-1535	BLD	BLD	BLD	5	5	BLD	BLD
ATS 153	70-J-1436	BLD	BLD	BLD	5	5	BLD	BLD
ATS 154	70-J-1437	BLD	BLD	BLD	5	2	BLD	BLD
ATS 155	70-J-1438	BLD	BLD	BLD	5	2	BLD	BLD
ATS 156	70-J-1439	BLD	BLD	BLD	5	2	BLD	BLD
ATS 157	70-J-1440	BLD	BLD	BLD	10	2	BLD	BLD
ATS 158	70-J-1441	BLD	BLD	BLD	10	2	BLD	BLD
ATS 159	70-J-1442	BLD	BLD	BLD	5	2	BLD	BLD
ATS 160	70-J-1443	BLD	BLD	BLD	5	2	BLD	BLD
ATS 161	70-J-1444	BLD	BLD	BLD	35	5	BLD	BLD
ATS 162	70-J-1445	BLD	BLD	BLD	5	5	BLD	BLD
ATS 163	70-J-1446	BLD	BLD	BLD	5	2	BLD	BLD
ATS 164	70-J-1447	BLD	BLD	BLD	5	5	BLD	BLD
ATS 165	70-J-1448	BLD	BLD	BLD	BLD	5	BLD	BLD
ATS 166	70-J-1449	BLD	BLD	BLD	BLD	5	BLD	BLD
ATS 167	70-J-1450	BLD	BLD	BLD	5	10	BLD	BLD
ATS 168	70-J-1451	BLD	BLD	BLD	5	10	BLD	BLD
ATS 169	70-J-1452	BLD	BLD	BLD	BLD	5	BLD	BLD
ATS 170	70-J-1453	BLD	BLD	BLD	5	10	BLD	BLD
ATE 002	70-J-1454	BLD	BLD	BLD	20	2	BLD	BLD
ATE 003	70-J-1455	BLD	BLD	BLD	5	2	BLD	BLD
ATE 004	70-J-1456	BLD	BLD	BLD	5	5	BLD	BLD
ATE 005	70-J-1457	2	BLD	BLD	15	5	BLD	BLD
ATE 006	70-J-1458	BLD	BLD	BLD	5	5	BLD	BLD
ATE 007	70-J-1459	BLD	BLD	BLD	5	2	BLD	BLD
ATE 008	70-J-1460	2	BLD	BLD	5	2	BLD	BLD
ATE 009	70-J-1461	BLD	BLD	BLD	10	5	BLD	BLD
ATE 010	70-J-1462	2	BLD	15	60	10	1	BLD
ATE 011	70-J-1463	BLD	BLD	10	40	10	BLD	BLD
ATE 012	70-J-1464	BLD	BLD	BLD	5	2	BLD	BLD
ATE 013	70-J-1465	2	BLD	BLD	10	5	BLD	BLD
ATE 015	70-J-1466	BLD	BLD	BLD	5	2	BLD	BLD
ATS 1004	70-J-1467	2	5	BLD	15	10	BLD	BLD
ATS 1009	70-J-1468	2	15	5	20	10	BLD	BLD
ATS 1010	70-J-1469	BLD	5	BLD	10	5	BLD	BLD
ATS 1013	70-J-1470	BLD	BLD	BLD	15	15	BLD	BLD
ATS 1015	70-J-1471	BLD	BLD	BLD	5	2	BLD	BLD
ATS 1016	70-J-1472	BLD	BLD	BLD	5	2	BLD	BLD
ATS 1017	70-J-1473	BLD	5	BLD	BLD	5	BLD	BLD
ATS 1019	70-J-1474	BLD	10	BLD	5	5	BLD	BLD
ATS 1020	70-J-1475	BLD	5	BLD	BLD	2	BLD	BLD
ATS 1022	70-J-1476	BLD	5	BLD	BLD	2	BLD	BLD
ATS 1023	70-J-1477	BLD	BLD	BLD	5	2	BLD	BLD

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

Ray W. Zedler

GEOCHEMICAL LABORATORY REPORT 897014

013

FIELD SHEET No. 003062 PROJECT No. EL.23/70 - THREE HUMMOCKS ISLAND

LAB. SHEET No. 425/5 SAMPLE TYPE: SOIL PROFILE DATE: 6th October, 1970.

SAND

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W ppm
ATS 1024	70-J-1478	BLD	BLD	BLD	5	2	BLD	BLD
ATS 1025	70-J-1479	BLD	BLD	BLD	5	2	BLD	BLD
ATS 1027	70-J-1480	BLD	BLD	BLD	BLD	2	BLD	BLD
ATS 1028	70-J-1481	BLD	10	BLD	10	5	BLD	BLD
ATS 1030	70-J-1482	BLD	5	BLD	10	5	BLD	BLD
ATS 1031	70-J-1483	BLD	BLD	BLD	10	5	BLD	BLD
ATS 1032	70-J-1484	BLD	5	5	20	20	BLD	BLD
ATS 1033	70-J-1485	BLD	BLD	BLD	20	10	BLD	BLD
ATS 1034	70-J-1536	2	15	BLD	85	10	2	BLD
ATS 1035	70-J-1537	BLD	BLD	BLD	15	2	BLD	BLD
ATS 1038	70-J-1538	BLD	BLD	BLD	10	BLD	BLD	BLD
ATS 1039	70-J-1539	BLD	BLD	BLD	5	BLD	BLD	BLD
ATS 1040	70-J-1540	BLD	BLD	BLD	5	2	BLD	BLD
ATS 1041	70-J-1541	BLD	BLD	BLD	5	2	BLD	BLD
ATS 1043	70-J-1542	BLD	BLD	BLD	5	2	BLD	BLD
ATS 1044	70-J-1543	BLD	BLD	BLD	5	2	BLD	BLD
ATS 1045	70-J-1544	BLD	BLD	BLD	5	2	BLD	BLD
ATS 1046	70-J-1545	BLD	5	BLD	5	2	BLD	BLD
ATS 1047	70-J-1546	BLD	BLD	BLD	30	10	BLD	BLD
ATS 1048	70-J-1547	BLD	BLD	BLD	10	2	BLD	BLD
ATS 1055	70-J-1548	2	5	BLD	30	25	BLD	BLD
ATS 1056	70-J-1549	BLD	BLD	BLD	5	2	BLD	BLD
ATS 1057	70-J-1550	BLD	5	BLD	10	5	BLD	BLD
ATB 022	70-J-1551	BLD	10	BLD	25	5	BLD	BLD

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

Ray W. Gledhill

GEOCHEMICAL LABORATORY REPORT 897015

014

FIELD SHEET No. 003051 PROJECT No. EL. 23/70 - THREE HUMMOCKS ISLAND

LAB. SHEET No. 426/1 SAMPLE TYPE: ROCK DATE: 5th October, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W ppm
ATR 001	70-J-1031	BLD	15	15	30	105	1	BLD
ATR 002	70-J-1032	BLD	10	5	20	35	BLD	BLD
ATR 003	70-J-1033	BLD	10	5	15	35	BLD	BLD
ATR 004	70-J-1034	BLD	10	10	20	50	BLD	BLD
ATR 005	70-J-1035	BLD	10	10	20	55	BLD	BLD
ATR 006	70-J-1036	BLD	5	BLD	10	30	BLD	BLD
ATR 007	70-J-1037	BLD	10	5	15	45	BLD	BLD
ATR 008	70-J-1038	BLD	5	5	20	50	BLD	BLD
ATR 009	70-J-1039	BLD	10	5	25	50	BLD	BLD
ATR 010	70-J-1040	2	10	5	20	35	BLD	BLD
ATR 011	70-J-1041	BLD	5	5	20	40	BLD	BLD
ATR 012	70-J-1042	BLD	5	5	20	40	BLD	BLD
ATR 013	70-J-1043	BLD	10	5	20	40	BLD	BLD
ATR 014	70-J-1044	2	10	5	20	50	BLD	BLD
ATR 015	70-J-1045	BLD	10	5	20	40	BLD	BLD
ATR 016	70-J-1046	2	10	5	20	40	BLD	BLD
ATR 017	70-J-1047	BLD	10	5	20	40	BLD	BLD
ATR 018	70-J-1048	BLD	10	5	20	50	1	BLD
ATR 019	70-J-1049	BLD	10	5	20	55	BLD	BLD
ATR 020	70-J-1050	BLD	5	5	20	30	BLD	BLD
ATR 021	70-J-1051	BLD	10	10	20	55	BLD	BLD
ATR 022	70-J-1052	BLD	10	10	20	50	BLD	BLD
ATR 023	70-J-1053	2	10	5	20	55	BLD	BLD
ATR 024	70-J-1054	BLD	10	10	20	55	BLD	BLD
ATR 025	70-J-1055	2	10	5	20	35	BLD	BLD
ATR 026	70-J-1056	2	10	10	20	75	BLD	BLD
ATR 027	70-J-1057	2	10	10	20	45	BLD	BLD
ATR 028	70-J-1058	2	10	5	20	45	BLD	BLD
ATR 029	70-J-1059	BLD	10	5	20	40	BLD	BLD
ATR 030	70-J-1060	2	10	5	25	45	BLD	BLD
ATR 031	70-J-1061	2	15	15	30	140	1	BLD
ATR 032	70-J-1062	BLD	10	10	20	45	BLD	BLD
ATR 033	70-J-1063	BLD	10	5	10	45	BLD	BLD
ATR 034	70-J-1064	BLD	10	5	20	40	BLD	BLD
ATR 035	70-J-1065	BLD	5	5	20	40	BLD	BLD
ATR 036	70-J-1066	BLD	5	BLD	15	15	BLD	BLD
ATR 037	70-J-1067	2	5	5	20	35	BLD	BLD
ATR 038	70-J-1068	2	5	5	20	40	BLD	BLD
ATR 039	70-J-1069	BLD	10	5	20	45	BLD	BLD
ATR 040	70-J-1070	10	10	5	20	40	BLD	BLD
ATR 041	70-J-1071	2	5	5	20	50	BLD	BLD
ATR 042	70-J-1072	2	5	5	25	50	BLD	BLD
ATR 043	70-J-1073	2	5	BLD	20	10	BLD	BLD
ATR 044	70-J-1074	BLD	5	5	20	45	BLD	BLD
ATR 045	70-J-1075	BLD	5	5	20	50	BLD	BLD

METHODS:

This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Cu, Ni, Co, Pb, Zn, Ag by GRC No. 1
 W by GRC No. 4A
 B.L.D. = Below Limit of Detection
 pH by Method No. 2



Chief Chemist

Ray W. Zeeb

015

GEOCHEMICAL LABORATORY REPORT 897016

FIELD SHEET No. 003051/52 PROJECT No. FL. 23/70 - (3 HUMMOCKS ISLAND)

LAB. SHEET No. 426/2 SAMPLE TYPE: ROCK, Soil DATE: 5th October, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W ppm	pH
ATR 046	70-J-1076	2	10	10	20	55	BLD	BLD	
ATR 047	70-J-1077	BLD	10	5	20	45	BLD	BLD	
ATR 048	70-J-1078	BLD	10	10	20	55	BLD	BLD	
ATR 049	70-J-1079	BLD	5	5	20	50	1	BLD	
ATR 050	70-J-1080	BLD	5	BLD	15	5	1	BLD	
ATR 051	70-J-1081	2	5	5	20	40	1	BLD	
ATR 052	70-J-1082	BLD	10	10	20	50	BLD	BLD	
ATR 053	70-J-1083	BLD	10	10	25	45	BLD	BLD	
ATR 054	70-J-1084	2	10	5	20	45	BLD	BLD	
ATR 055	70-J-1085	BLD	10	10	25	45	BLD	BLD	
ATR 1003	70-J-1086	BLD	10	5	30	25	BLD	BLD	
ATR 1004	70-J-1087	BLD	10	BLD	25	25	BLD	BLD	
ATR 1005	70-J-1088	BLD	10	5	30	40	BLD	BLD	
ATR 1006	70-J-1089	BLD	5	BLD	20	10	BLD	BLD	
ATR 1007	70-J-1090	2	10	5	30	40	1	BLD	
ATR 1008	70-J-1091	2	5	5	25	40	BLD	BLD	
ATR 1009	70-J-1092	BLD	5	BLD	15	5	BLD	BLD	
ATR 1010	70-J-1093	10	10	5	30	25	BLD	BLD	
ATR 1011	70-J-1094	2	30	30	100	10	1	BLD	
ATR 1012	70-J-1095	5	10	BLD	25	30	BLD	BLD	
ATR 1013	70-J-1096	2	10	5	30	55	BLD	BLD	
ATR 1014	70-J-1097	2	10	BLD	25	40	BLD	BLD	
ATR 1015	70-J-1098	2	10	10	30	65	BLD	BLD	
ATR 1016	70-J-1099	10	10	5	25	40	BLD	BLD	
ATR 1017	70-J-1100	5	5	BLD	20	2	BLD	BLD	
ATR 1018	70-J-1101	2	5	BLD	15	2	BLD	BLD	
ATR 1019	70-J-1102	2	10	5	20	45	BLD	BLD	
ATR 1020	70-J-1103	2	5	5	20	30	BLD	BLD	
ATR 1001	70-J-1104	10	15	10	30	50	1	BLD	
ATR 1002	70-J-1105	35	100	25	40	50	2	BLD	
ATS 001	70-J-1106	5	5	BLD	10	2	BLD	BLD	4.1
ATS 002	70-J-1107	2	5	BLD	BLD	2	BLD	BLD	4.0
ATS 003	70-J-1108	2	5	BLD	BLD	2	BLD	BLD	4.3
ATS 004	70-J-1109	2	5	BLD	BLD	2	BLD	BLD	4.8
ATS 005	70-J-1110	2	5	BLD	BLD	2	BLD	BLD	4.9
ATS 006	70-J-1111	BLD	BLD	BLD	BLD	BLD	BLD	BLD	4.9
ATS 007	70-J-1112	BLD	5	BLD	BLD	BLD	BLD	BLD	5.2
ATS 008	70-J-1113	BLD	BLD	BLD	BLD	BLD	BLD	BLD	5.3
ATS 009	70-J-1114	BLD	5	BLD	BLD	2	BLD	BLD	5.2
ATS 010	70-J-1115	BLD	BLD	BLD	BLD	BLD	BLD	BLD	5.1
ATS 011	70-J-1116	2	5	BLD	BLD	2	BLD	BLD	5.3
ATS 012	70-J-1117	2	5	BLD	BLD	BLD	BLD	BLD	5.4
ATS 013	70-J-1118	BLD	5	BLD	BLD	BLD	BLD	BLD	5.2
ATS 014	70-J-1119	BLD	5	BLD	BLD	2	BLD	BLD	4.6
ATS 015	70-J-1120	BLD	5	BLD	15	2	BLD	BLD	5.1
ATS 016	70-J-1121	BLD	5	BLD	15	2	BLD	BLD	5.8

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

Ray W. M. [Signature]

GEOCHEMICAL LABORATORY REPORT 897017

FIELD SHEET No.: 003053/4 PROJECT No.: EL. 23/70 (3 HUMMOCKS ISLAND)

LAB. SHEET No.: 426/3 SAMPLE TYPE: SOIL PROFILE DATE: 5th October, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W ppm	pH
ATS 017	70-J-1122	2	5	BLD	10	2	BLD	BLD	5.7
ATS 018	70-J-1123	BLD	10	BLD	5	5	BLD	BLD	5.0
ATS 019	70-J-1124	BLD	15	BLD	15	5	BLD	BLD	5.6
ATS 020	70-J-1125	BLD	15	5	15	5	BLD	BLD	5.8
ATS 021	70-J-1126	BLD	15	BLD	15	5	BLD	BLD	5.8
ATS 022	70-J-1127	2	10	5	50	25	1	BLD	5.4
ATS 023	70-J-1128	5	10	BLD	30	10	BLD	BLD	5.7
ATS 024	70-J-1129	2	10	5	70	10	1	BLD	5.4
ATS 025	70-J-1130	5	25	10	265	20	2	BLD	5.1
ATS 026	70-J-1131	2	30	10	130	30	3	BLD	4.9
ATS 027	70-J-1132	2	25	10	75	25	2	BLD	5.0
ATS 028	70-J-1133	2	10	BLD	15	2	BLD	BLD	5.4
ATS 029	70-J-1134	BLD	5	BLD	10	5	BLD	BLD	6.0
ATS 030	70-J-1135	2	5	BLD	15	5	BLD	BLD	5.7
ATS 031	70-J-1136	BLD	BLD	BLD	10	2	BLD	BLD	5.1
ATS 032	70-J-1137	BLD	5	BLD	5	2	BLD	BLD	4.4
ATS 035	70-J-1138	2	10	BLD	15	10	BLD	BLD	
ATS 036	70-J-1139	BLD	5	BLD	10	BLD	BLD	BLD	
ATS 037	70-J-1140	2	10	BLD	20	10	1	BLD	
ATS 038	70-J-1141	2	10	10	30	15	1	BLD	
ATS 039	70-J-1142	5	35	20	50	30	2	BLD	
ATS 040	70-J-1143	BLD	10	10	30	10	BLD	BLD	
ATS 041	70-J-1144	BLD	10	BLD	15	10	BLD	BLD	
ATS 042	70-J-1145	5	15	10	20	15	1	BLD	
ATS 043	70-J-1146	BLD	10	BLD	20	5	1	BLD	
ATS 044	70-J-1147	BLD	5	BLD	10	2	BLD	BLD	
ATS 045	70-J-1148	BLD	5	BLD	5	BLD	BLD	BLD	
ATS 046	70-J-1149	BLD	5	BLD	5	BLD	BLD	BLD	
ATS 047	70-J-1150	BLD	10	BLD	10	BLD	BLD	BLD	
ATS 048	70-J-1151	2	5	BLD	5	BLD	BLD	BLD	
ATS 049	70-J-1152	2	15	5	25	10	2	BLD	
ATS 050	70-J-1153	BLD	10	BLD	10	BLD	BLD	BLD	
ATS 051	70-J-1154	BLD	5	BLD	10	BLD	BLD	BLD	
ATS 052	70-J-1155	BLD	5	BLD	10	BLD	BLD	BLD	
ATS 053	70-J-1156	BLD	5	BLD	BLD	2	BLD	BLD	
ATS 054	70-J-1157	BLD	10	BLD	BLD	BLD	BLD	BLD	
ATS 055	70-J-1158	BLD	5	BLD	BLD	BLD	BLD	BLD	
ATS 056	70-J-1159	BLD	5	BLD	5	BLD	BLD	BLD	
ATS 057	70-J-1160	BLD	5	BLD	5	BLD	BLD	BLD	
ATS 058	70-J-1161	5	35	15	60	30	2	BLD	
ATS 059	70-J-1162	5	30	20	55	50	2	BLD	
ATS 060	70-J-1163	5	20	10	40	30	1	BLD	
ATS 061	70-J-1164	2	15	10	30	30	1	BLD	
ATS 062	70-J-1165	5	20	10	30	40	1	BLD	
ATS 063	70-J-1166	5	15	10	30	45	1	BLD	
ATS 064	70-J-1167	10	20	10	30	50	1	BLD	

METHODS:

This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.



Chief Chemist

Ray W. Zerkow

017

GEOCHEMICAL LABORATORY REPORT 897018

FIELD SHEET No.: CC3054 PROJECT No.: EL 23/70 (3 HUMMOCKS ISLAND)

LAB. SHEET No.: 426/4 SAMPLE TYPE: SOIL PROFILE DATE: 5th October, 1970

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W ppm
ATS 065	70-J-1168	15	45	10	35	40	1	BLD
ATS 066	70-J-1169	10	20	10	30	25	1	BLD
ATS 067	70-J-1170	10	10	5	30	20	1	BLD
ATS 068	70-J-1171	10	15	10	35	15	1	BLD
ATS 069	70-J-1172	5	10	BLD	20	2	BLD	BLD
ATS 070	70-J-1173	5	10	BLD	15	2	BLD	BLD
ATS 071	70-J-1174	10	10	5	20	20	BLD	BLD
ATS 072	70-J-1175	10	15	10	30	40	1	BLD
ATS 073	70-J-1176	5	10	10	20	30	1	BLD

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist *Ray W. [Signature]*

018

GEOCHEMICAL LABORATORY REPORT 897019

FIELD SHEET No.: 003055 PROJECT No.: EL 23/70 (3 HUMMOCK ISLAND)

LAB. SHEET No.: 426/5 SAMPLE TYPE: ROCK DATE: 5th October, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W ppm	
ATR 060	70-J-1177	BLD	10	5	20	50	1	BLD	
ATR 061	70-J-1178	BLD	10	10	20	95	1	BLD	
ATR 062	70-J-1179	10	5	5	20	50	1	BLD	
ATR 063	70-J-1180	S A M P L E M I S S I N G							
ATR 064	70-J-1181	BLD	5	5	15	40	BLD	BLD	
ATR 065	70-J-1182	BLD	5	BLD	15	40	BLD	BLD	
ATR 066	70-J-1183	2	10	5	25	60	BLD	BLD	
ATR 067	70-J-1184	5	5	5	30	60	BLD	BLD	
ATR 068	70-J-1185	5	5	BLD	25	40	BLD	BLD	
ATR 069	70-J-1186	BLD	10	BLD	20	40	BLD	BLD	
ATR 070	70-J-1187	BLD	5	BLD	25	15	BLD	BLD	
ATR 071	70-J-1188	BLD	5	BLD	25	15	BLD	BLD	
ATR 072	70-J-1189	BLD	10	BLD	20	30	BLD	BLD	
ATR 073	70-J-1190	2	10	5	25	50	BLD	BLD	
ATR 074	70-J-1191	BLD	10	BLD	15	BLD	BLD	BLD	
ATR 075	70-J-1192	BLD	10	BLD	25	45	BLD	BLD	
ATR 076	70-J-1193	2	5	5	20	45	BLD	BLD	
ATR 077	70-J-1194	BLD	5	5	20	40	BLD	BLD	
ATR 078	70-J-1195	BLD	10	5	25	40	BLD	BLD	
ATR 079	70-J-1196	2	15	10	25	75	BLD	BLD	
ATR 080	70-J-1197	10	15	10	25	70	BLD	BLD	
ATR 081	70-J-1198	2	10	10	20	55	BLD	BLD	
ATR 082	70-J-1199	2	10	10	20	65	BLD	BLD	
ATR 083	70-J-1200	2	10	10	25	60	BLD	BLD	
ATR 084	70-J-1201	2	15	20	30	120	1	BLD	
ATR 085	70-J-1202	BLD	10	10	20	60	BLD	BLD	
ATR 086	70-J-1203	5	10	10	20	65	BLD	BLD	
ATR 087	70-J-1204	2	10	10	15	55	BLD	BLD	
ATR 088	70-J-1205	5	20	15	30	100	BLD	BLD	
ATR 089	70-J-1206	2	10	10	25	65	BLD	BLD	
ATR 090	70-J-1207	5	10	10	25	70	BLD	BLD	
ATR 091	70-J-1208	2	10	10	25	65	BLD	BLD	
ATR 092	70-J-1209	BLD	5	5	25	30	BLD	BLD	
ATR 093	70-J-1210	5	10	10	20	60	BLD	BLD	
ATR 094	70-J-1211	5	10	10	20	70	BLD	BLD	
ATR 095	70-J-1212	BLD	5	5	15	5	BLD	BLD	
ATR 096	70-J-1213	10	25	15	20	70	BLD	BLD	
ATR 097	70-J-1214	5	15	15	25	60	BLD	BLD	
ATR 098	70-J-1215	BLD	15	10	20	55	BLD	BLD	
ATR 099	70-J-1216	2	15	10	25	70	BLD	BLD	
ATR 100	70-J-1217	5	15	15	25	85	BLD	BLD	
ATR 102	70-J-1218	10	15	15	25	95	BLD	BLD	
ATR 103	70-J-1219	105	120	35	40	180	1	BLD	
ATR 104	70-J-1220	10	35	25	35	135	1	BLD	
ATR 105	70-J-1221	10	75	35	40	105	1	BLD	
ATR 106	70-J-1222	15	70	35	40	110	1	BLD	

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

Ray W. Zerk

GEOCHEMICAL LABORATORY REPORT 897020

FIELD SHEET No.: 003055 PROJECT No.: EL. 23/70 THREE HUMMOCKS ISLAND

LAB. SHEET No.: 426/6 SAMPLE TYPE: ROCK DATE: 5th October, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W ppm
ATR 107	70-J-1223	10	65	35	30	85	1	BLD
ATR 108	70-J-1224	10	90	35	30	90	BLD	BLD
ATR 109	70-J-1225	10	40	30	30	75	BLD	BLD
ATR 110	70-J-1226	5	10	10	20	50	BLD	BLD
ATR 1021	70-J-1227	BLD	BLD	BLD	10	5	BLD	BLD
ATR 1022	70-J-1228	BLD	5	BLD	10	40	BLD	BLD
ATR 1023	70-J-1229	2	5	BLD	10	30	BLD	BLD
ATR 1024	70-J-1230	BLD	5	5	20	30	BLD	BLD
ATR 1025	70-J-1231	BLD	5	BLD	20	35	BLD	BLD
ATR 1026	70-J-1232	BLD	5	BLD	15	40	BLD	BLD
ATR 1027	70-J-1233	BLD	5	BLD	15	40	BLD	BLD
ATR 1028	70-J-1234	BLD	5	BLD	15	30	BLD	BLD
ATR 1029	70-J-1235	2	5	BLD	15	40	BLD	BLD
ATR 1030	70-J-1236	BLD	5	BLD	15	40	BLD	BLD
ATR 1031	70-J-1237	BLD	5	BLD	10	30	BLD	BLD
ATR 1032	70-J-1238	2	5	BLD	15	15	BLD	BLD
ATR 1033	70-J-1239	BLD	5	BLD	15	10	BLD	BLD
ATR 1034	70-J-1240	BLD	5	BLD	20	35	BLD	BLD
ATR 1035	70-J-1241	BLD	5	BLD	15	30	BLD	BLD
ATR 1036	70-J-1242	BLD	5	BLD	15	30	BLD	BLD
ATR 1037	70-J-1243	BLD	5	5	15	35	BLD	BLD
ATR 1038	70-J-1244	BLD	5	BLD	15	BLD	BLD	BLD
ATR 1039	70-J-1245	BLD	5	BLD	20	30	BLD	BLD
ATR 1040	70-J-1246	10	5	BLD	20	20	BLD	BLD
ATR 1041	70-J-1247	BLD	5	5	15	35	BLD	BLD
ATR 1042	70-J-1248	5	5	5	20	45	BLD	BLD
ATR 1043	70-J-1249	BLD	5	5	15	45	BLD	BLD
ATR 1044	70-J-1250	2	BLD	BLD	15	BLD	BLD	BLD
ATR 1045	70-J-1251	2	5	5	20	40	BLD	BLD
ATR 1046	70-J-1252	BLD	BLD	BLD	10	10	BLD	BLD
ATR 1047	70-J-1253	BLD	BLD	BLD	20	10	BLD	BLD
ATR 1048	70-J-1254	5	BLD	BLD	40	5	BLD	BLD
ATR 1049	70-J-1255	BLD	5	10	20	45	BLD	BLD
ATR 1050	70-J-1256	BLD	5	5	25	55	BLD	BLD
ATR 1051	70-J-1257	BLD	BLD	BLD	15	BLD	BLD	BLD
ATR 1052	70-J-1258	BLD	5	5	15	45	BLD	BLD
ATR 1053	70-J-1259	BLD	5	BLD	15	25	BLD	BLD
ATR 1054	70-J-1260	2	20	25	35	205	1	BLD
ATR 1055	70-J-1261	BLD	5	BLD	15	20	BLD	BLD
ATR 1056	70-J-1262	BLD	10	10	25	65	BLD	BLD
ATR 1057	70-J-1263	2	5	BLD	15	10	BLD	BLD
ATR 1058	70-J-1264	BLD	10	10	30	65	BLD	BLD
ATR 1059	70-J-1265	BLD	5	BLD	15	BLD	BLD	BLD
ATR 1060	70-J-1266	BLD	10	5	35	35	BLD	BLD
ATR 1061	70-J-1267	BLD	5	10	20	45	BLD	BLD
ATR 1062	70-J-1268	10	5	5	20	35	BLD	BLD

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

Ray W. G. G. G.

GEOCHEMICAL LABORATORY REPORT 897021

FIELD SHEET No.: 003057 PROJECT No.: EL. 23/70 (THREE HUMMOCK ISLAND)

LAB. SHEET No.: 426/7 SAMPLE TYPE: SOIL PROFILE DATE: 5th October, 1970.

Rock

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W ppm	
ATS 074	70-J-1269	BLD	10	10	35	10	BLD	BLD	
ATS 075	70-J-1270	BLD	5	BLD	10	BLD	BLD	BLD	
ATS 076	70-J-1271	BLD	5	BLD	10	BLD	BLD	BLD	
ATS 077	70-J-1272	BLD	5	BLD	10	BLD	BLD	BLD	
ATS 078	70-J-1273	BLD	5	BLD	10	BLD	BLD	BLD	
ATS 079	70-J-1274	BLD	5	BLD	10	BLD	BLD	BLD	
ATS 080	70-J-1275	BLD	5	5	30	10	BLD	BLD	
ATS 081	70-J-1276	BLD	5	BLD	10	5	BLD	BLD	
ATS 082	70-J-1277	BLD	5	BLD	5	BLD	BLD	BLD	
ATS 083	70-J-1278	BLD	5	BLD	10	BLD	BLD	BLD	
ATS 084	70-J-1279	BLD	5	BLD	10	BLD	BLD	BLD	
ATS 085	70-J-1280	BLD	10	10	35	10	1	BLD	
ATS 086	70-J-1281	BLD	5	BLD	5	BLD	BLD	BLD	
ATS 087	70-J-1282	BLD	15	5	40	10	1	BLD	
ATS 088	70-J-1283	BLD	BLD	BLD	10	BLD	BLD	BLD	
ATS 089	70-J-1284	BLD	5	BLD	5	BLD	BLD	BLD	
ATS 090	70-J-1285	BLD	5	BLD	5	BLD	BLD	BLD	
ATS 091	70-J-1286	BLD	5	BLD	10	BLD	BLD	BLD	
ATS 092	70-J-1287	BLD	5	BLD	5	BLD	BLD	BLD	
ATS 093	70-J-1288	BLD	5	BLD	5	BLD	BLD	BLD	
ATS 094	70-J-1289	BLD	5	BLD	5	BLD	BLD	BLD	
ATS 095	70-J-1290	BLD	5	BLD	5	BLD	BLD	BLD	
ATS 096	70-J-1291	S A M P L E				M I S S I N G			
ATS 097	70-J-1292	5	10	5	40	15	BLD	BLD	
ATS 098	70-J-1293	5	5	BLD	25	5	BLD	BLD	
ATS 099	70-J-1294	2	5	BLD	15	20	BLD	BLD	
ATS 100	70-J-1295	BLD	5	5	30	5	BLD	BLD	
ATS 101	70-J-1296	BLD	5	BLD	10	BLD	BLD	BLD	
ATS 102	70-J-1297	BLD	BLD	BLD	5	BLD	BLD	BLD	
ATR 111	70-J-1298	5	40	25	30	90	1	BLD	
ATR 112	70-J-1299	40	195	50	30	75	1	BLD	
ATR 113	70-J-1300	45	225	60	35	85	1	BLD	
ATR 114	70-J-1301	BLD	10	BLD	20	45	BLD	BLD	
ATR 115	70-J-1302	BLD	5	BLD	15	40	BLD	BLD	
ATR 116	70-J-1303	BLD	10	5	20	40	BLD	BLD	
ATR 117	70-J-1304	BLD	10	5	20	25	BLD	BLD	
ATR 118	70-J-1305	2	10	5	25	25	BLD	BLD	
ATR 119	70-J-1306	5	5	5	20	30	BLD	BLD	
ATR 120	70-J-1307	2	5	BLD	25	30	BLD	BLD	
ATR 121	70-J-1308	BLD	5	5	25	45	BLD	BLD	
ATR 122	70-J-1309	2	10	BLD	20	25	BLD	BLD	
ATR 123	70-J-1310	BLD	5	BLD	20	40	BLD	BLD	
ATR 124	70-J-1311	2	10	BLD	25	40	BLD	BLD	
ATR 125	70-J-1312	BLD	5	BLD	20	35	BLD	BLD	
ATR 126	70-J-1313	BLD	5	5	25	45	BLD	BLD	
ATR 127	70-J-1314	BLD	10	5	20	40	BLD	BLD	

METHODS:

This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.



Chief Chemist

Ray W. Zerkow

021

GEOCHEMICAL LABORATORY REPORT 897022

FIELD SHEET No. 003058 PROJECT No. EL 23/70 - "THREE HUMMOCK ISLAND"

LAB. SHEET No. 426/8 SAMPLE TYPE: ROCK DATE: 5th October, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W ppm
ATR 128	70-J-1315	BLD	5	5	20	50	BLD	BLD
ATR 129	70-J-1316	10	5	BLD	25	30	BLD	BLD
ATR 130	70-J-1317	BLD	5	BLD	25	35	BLD	BLD
ATR 131	70-J-1318	BLD	5	BLD	20	35	BLD	BLD
ATR 132	70-J-1319	BLD	10	5	30	45	BLD	BLD
ATR 133	70-J-1320	BLD	5	5	25	20	BLD	BLD
ATR 134	70-J-1321	2	5	5	25	30	BLD	BLD
ATR 135	70-J-1322	2	10	10	20	45	BLD	BLD
ATR 136	70-J-1323	2	10	5	20	45	BLD	BLD
ATR 137	70-J-1324	5	10	10	25	60	BLD	BLD
ATR 138	70-J-1325	2	10	10	20	50	BLD	BLD
ATR 139	70-J-1326	2	10	10	25	55	1	BLD
ATR 140	70-J-1327	2	10	10	20	55	BLD	BLD
ATR 141	70-J-1328	2	15	10	25	70	BLD	BLD
ATR 142	70-J-1329	BLD	10	5	20	65	BLD	BLD
ATR 143	70-J-1330	10	15	15	35	115	1	BLD
ATR 144	70-J-1331	2	5	5	20	45	BLD	BLD
ATR 145	70-J-1332	2	5	5	25	55	BLD	BLD
ATR 146	70-J-1333	2	10	5	20	50	BLD	BLD
ATR 147	70-J-1334	5	10	5	25	60	BLD	BLD
ATR 148	70-J-1335	5	10	5	35	55	1	BLD
ATR 149	70-J-1336	2	10	10	20	60	BLD	BLD
ATR 150	70-J-1337	5	10	5	20	40	BLD	BLD
ATR 151	70-J-1338	5	15	10	35	50	1	BLD
ATR 152	70-J-1339	5	15	15	30	115	BLD	BLD
ATR 153	70-J-1340	25	110	30	45	90	1	BLD
ATR 154	70-J-1341	2	15	10	30	70	BLD	BLD
ATR 155	70-J-1342	5	15	15	20	75	BLD	BLD
ATR 156	70-J-1343	5	10	5	25	50	BLD	BLD
ATR 157	70-J-1344	BLD	5	5	25	25	BLD	BLD
ATR 158	70-J-1345	BLD	5	10	20	40	BLD	BLD
ATR 159	70-J-1346	BLD	10	10	25	55	BLD	BLD
ATR 160	70-J-1347	45	160	55	40	90	1	BLD
ATR 161	70-J-1348	45	175	55	35	95	1	BLD
ATR 1063	70-J-1349	BLD	10	5	20	40	BLD	BLD
ATR 1064	70-J-1350	BLD	10	5	20	45	BLD	BLD
ATR 1065	70-J-1351	2	5	5	15	30	BLD	BLD
ATR 1066	70-J-1352	2	5	5	20	45	BLD	BLD
ATR 1067	70-J-1353	2	5	BLD	20	40	BLD	BLD
ATR 1068	70-J-1354	BLD	5	BLD	20	35	BLD	BLD
ATR 1069	70-J-1355	2	5	5	20	45	BLD	BLD
ATR 1070	70-J-1356	BLD	5	5	20	35	BLD	BLD
ATR 1071	70-J-1357	BLD	10	BLD	20	40	BLD	BLD
ATR 1072	70-J-1358	BLD	5	5	15	40	BLD	BLD
ATR 1073	70-J-1359	BLD	5	5	15	40	BLD	BLD

METHODS:

This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.



Chief Chemist

022

GEOCHEMICAL LABORATORY REPORT 897023

FIELD SHEET No. 003059 PROJECT No. EL. 23/70

LAB. SHEET No. 426/9 SAMPLE TYPE: SOIL PROF. DATE: 5th October, 1970.

Rock

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W ppm
ATR 1074	70-J-1360	BLD	5	5	15	40	BLD	BLD
ATR 1075	70-J-1361	BLD	5	BLD	15	40	BLD	BLD
ATR 1076	70-J-1362	BLD	5	5	15	40	BLD	BLD
ATR 1077	70-J-1363	BLD	5	BLD	20	40	BLD	BLD
ATR 1078	70-J-1364	BLD	10	BLD	20	45	BLD	BLD
ATR 1079	70-J-1365	BLD	5	BLD	20	45	BLD	BLD
ATR 1080	70-J-1366	BLD	5	5	20	50	BLD	BLD
ATR 1081	70-J-1367	20	10	10	20	50	BLD	BLD
ATR 1082	70-J-1368	BLD	BLD	BLD	20	5	BLD	BLD
ATR 1083	70-J-1369	BLD	10	5	20	50	BLD	BLD
ATR 1084	70-J-1370	2	10	10	25	60	BLD	BLD
ATR 1085	70-J-1371	2	5	BLD	20	30	BLD	BLD
ATR 1086	70-J-1372	5	10	10	15	65	BLD	BLD
ATR 1087	70-J-1373	2	10	10	30	60	BLD	BLD
ATR 1088	70-J-1374	5	10	15	25	75	BLD	BLD
ATR 1089	70-J-1375	5	10	10	30	75	BLD	BLD
ATR 1090	70-J-1376	BLD	10	5	25	45	BLD	BLD
ATR 1091	70-J-1377	10	20	30	35	90	1	BLD
ATR 1092	70-J-1378	5	5	BLD	25	5	BLD	BLD
ATR 1093	70-J-1379	2	10	15	30	70	BLD	BLD
ATR 1094	70-J-1380	90	110	30	40	30	1	BLD
ATR 1095	70-J-1381	BLD	5	5	20	40	BLD	BLD
ATR 1096	70-J-1382	BLD	10	5	20	55	BLD	BLD
ATR 1097	70-J-1383	10	15	10	20	70	BLD	BLD
ATR 1098	70-J-1384	2	15	10	25	70	BLD	BLD
ATR 1099	70-J-1385	5	10	10	30	75	BLD	BLD
ATR 101	70-J-1602	10	15	10	25	70	BLD	BLD
ATR 34	70-J-1603	BLD	15	10	50	10	BLD	BLD
ATR 35	70-J-1604	BLD	15	10	35	5	BLD	BLD

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

Ray W. Gledhill

GEOCHEMICAL LABORATORY REPORT

897024

FIELD SHEET No.: as below PROJECT No.: FL 23/70

LAB. SHEET No.: 432/1 SAMPLE TYPE: _____ DATE: 9th October, 1970.

SAMPLE No.	LAB. No.	W ppm				
<u>FIELD SHEET NO. 003051</u>						
ATR 004	70-J-1034	5				
ATR 009	70-J-1039	BLD				
ATR 014	70-J-1044	15				
ATR 018	70-J-1048	BLD				
ATR 021	70-J-1051	BLD				
ATR 027	70-J-1057	BLD				
ATR 031	70-J-1061	BLD				
ATR 035	70-J-1065	BLD				
ATR 039	70-J-1069	15				
ATR 043	70-J-1073	110				
ATR 048	70-J-1078	5				
ATR 050	70-J-1080	50				
<u>FIELD SHEET NO. 003052</u>						
ATR 1004	70-J-1087	BLD				
ATR 1012	70-J-1095	30				
ATR 1017	70-J-1100	60				
<u>FIELD SHEET NO. 003053</u>						
ATS 001	70-J-1106	BLD				
ATS 006	70-J-1111	BLD				
ATS 013	70-J-1118	BLD				
<u>FIELD SHEET NO. 003054</u>						
ATS 030	70-J-1135	5				
ATS 050	70-J-1153	BLD				

METHODS:

This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

W by GRC No. 4B (Check on Method 4A)

B.L.D. = Below Limit of Detection



Chief Chemist

Ray
W. J. [Signature]

025

GEOCHEMICAL LABORATORY REPORT 897025

026

FIELD SHEET No.: as below PROJECT No.: EL. 23/70

LAB. SHEET No.: 432/2 SAMPLE TYPE: _____ DATE: 9th October, 1970.

SAMPLE No.	LAB. No.	W D M	
<u>FIELD SHEET NO. 003054 (cont'd)</u>			
ATS 067	70-J-1170	BLD	
<u>FIELD SHEET NO. 003057</u>			
ATS 074	70-J-1269	BLD	
ATS 077	70-J-1272	BLD	
ATS 081	70-J-1276	BLD	
ATS 084	70-J-1279	BLD	
ATS 087	70-J-1282	5	
ATS 088	70-J-1285	BLD	
ATS 093	70-J-1288	BLD	
ATS 097	70-J-1292	30	
ATS 100	70-J-1295	10	
ATS 102	70-J-1297	BLD	
<u>FIELD SHEET NO. 003059</u>			
ATR 139	70-J-1326	BLD	
ATR 143	70-J-1330	5	
ATR 150	70-J-1337	BLD	
ATR 157	70-J-1344	BLD	
ATR 158	70-J-1345	5	
ATR 159	70-J-1346	5	
ATR 1064	70-J-1350	5	
ATR 1072	70-J-1358	BLD	
ATR 1080	70-J-1366	BLD	
ATR 1084	70-J-1370	BLD	

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

Ray W. Zepher

GEOCHEMICAL LABORATORY REPORT

897026

FIELD SHEET No.: 25 below PROJECT No.: EL. 23/70

LAB. SHEET No.: 432/3 SAMPLE TYPE: DATE: 9th October, 1970.

027

SAMPLE No.	LAB. No.	W ppm					
<u>FIELD SHEET NO. 003061</u>							
ATS 104	70-J-1387	BLD					
ATS 110	70-J-1393	BLD					
ATS 115	70-J-1398	BLD					
ATS 120	70-J-1403	BLD					
ATS 126	70-J-1409	BLD					
ATS 130	70-J-1413	BLD					
ATS 135	70-J-1418	5					
ATS 139	70-J-1422	5					
ATS 144	70-J-1427	BLD					
ATS 149	70-J-1432	BLD					
<u>FIELD SHEET NO. 003063</u>							
ATR 1104	70-J-1490	5					
ATR 1109	70-J-1495	10					
ATR 1113	70-J-1499	5					
ATR 1118	70-J-1504	15					
ATR 1123	70-J-1509	BLD					
ATR 1129	70-J-1515	5					
ATR 1135	70-J-1521	5					
ATR 1140	70-J-1526	BLD					
ATR 1144	70-J-1530	5					
ATR 1148	70-J-1534	5					

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

Ray W. Zerkow

023

GEOCHEMICAL LABORATORY REPORT

THREE

FIELD SHEET No.: 003067 PROJECT No.: EL. 23/70A-HUMMOCK ISLAND 897027

LAB. SHEET No.: 443/5 SAMPLE TYPE: STREAM SED. DATE: 20th October, 1970.

SOIL

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W %
ATE 016	70-K-1427	BLD	5	BLD	10	5	BLD	BLD
ATE 017	70-K-1428	BLD	5	BLD	10	5	BLD	BLD
ATE 018	70-K-1429	BLD	5	BLD	10	5	BLD	BLD
ATE 019	70-K-1430	BLD	5	BLD	10	5	BLD	BLD
ATE 020	70-K-1431	2	5	5	10	5	BLD	BLD
ATE 021	70-K-1432	BLD	5	BLD	10	5	BLD	BLD
ATS 1057	70-K-1433	BLD	10	BLD	20	10	BLD	BLD
ATS 1058	70-K-1434	BLD	5	BLD	10	5	BLD	BLD
ATS 1059	70-K-1435	BLD	5	BLD	10	10	BLD	BLD
ATS 1060	70-K-1436	BLD	5	5	15	5	BLD	BLD
ATS 1061	70-K-1437	BLD	5	BLD	10	5	BLD	BLD
ATS 1062	70-K-1438	BLD	5	BLD	10	5	BLD	BLD
ATS 1063	70-K-1439	BLD	5	BLD	10	5	BLD	BLD
ATS 1064	70-K-1440	BLD	5	BLD	10	5	BLD	BLD
ATS 1065	70-K-1441	BLD	5	BLD	10	5	BLD	BLD
ATS 1066	70-K-1442	2	10	5	20	20	1	BLD
ATS 1067	70-K-1443	5	10	5	20	35	1	BLD
ATS 1068	70-K-1444	10	5	5	20	20	BLD	BLD
ATS 1069	70-K-1445	4	5	5	20	20	BLD	BLD
ATS 1070	70-K-1446	BLD	5	BLD	10	5	BLD	BLD
ATS 1071	70-K-1447	BLD	5	BLD	10	5	BLD	BLD
ATS 1072	70-K-1448	BLD	5	BLD	10	5	BLD	BLD
ATS 1073	70-K-1449	BLD	5	BLD	10	5	BLD	BLD
ATS 1074	70-K-1450	BLD	5	BLD	10	5	BLD	BLD
ATS 1075	70-K-1451	BLD	BLD	BLD	10	BLD	BLD	BLD
ATS 1076	70-K-1452	BLD	5	BLD	10	5	BLD	BLD

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist *Ray W. Zerk*

GEOCHEMICAL LABORATORY REPORT 897028

02A

FIELD SHEET No.: 001632 PROJECT No.: EL.23/70 - THREE HUMMOCK ISLAND

LAB. SHEET No.: 495/1 SAMPLE TYPE: ROCK DATE: 7th December, 1970

SAMPLE No.	LAB. No.	Cu	Ni	Co	Pb	Zn	Ag	W	Ultra Violet Exam.
ATR 1160	70-L-1	20	5	5	25	45	BLD	BLD	NEG
ATR 1161	70-L-2	10	10	5	20	45	BLD	5	POS
ATR 1162	70-L-3	15	10	BLD	25	40	BLD	5	POS
ATR 1163	70-L-4	BLD	5	BLD	20	10	BLD	BLD	NEG
ATR 1164	70-L-5	2	5	BLD	65	5	BLD	10	NEG
ATR 1165	70-L-6	2	5	BLD	40	5	BLD	10	POS
ATR 1166	70-L-7	BLD	BLD	BLD	15	10	BLD	5	POS
ATR 1167	70-L-8	BLD	5	BLD	30	BLD	BLD	70	NEG
ATR 1168	70-L-9	5	5	BLD	35	10	BLD	5	NEG
ATR 1169	70-L-10	BLD	5	5	20	20	BLD	10	NEG
ATR 1170	70-L-11	BLD	5	BLD	25	25	BLD	5	NEG
ATR 1171	70-L-12	BLD	5	5	15	20	BLD	5	POS
ATR 1172	70-L-13	2	10	5	20	50	BLD	10	NEG
ATR 1173	70-L-14	BLD	10	10	25	50	BLD	10	NEG
ATR 1174	70-L-15	BLD	5	BLD	35	5	BLD	5	NEG
ATR 1175	70-L-16	BLD	10	5	30	55	BLD	10	NEG
ATR 1176	70-L-17	2	5	5	25	40	BLD	5	NEG
ATR 1177	70-L-18	5	5	5	25	30	BLD	15	NEG
ATR 1178	70-L-19	10	10	5	40	60	1	20	NEG
ATR 1179	70-L-20	10	5	5	30	50	BLD	10	NEG

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by GRC No. 1

W by GRC No. 4B

B.L.D. = Below Limit of Detection



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

Ray
W. J. [Signature]

APPENDIX 2

SAMPLE ANALYSES

HUNTER ISLAND

- HS Soil sample
- HE Stream sediment sample
- HB Beach sand sample
- HD Dune sand sample
- HR Rock sample
- HG Rock sample, grouped

GEOCHEMICAL LABORATORY REPORT

897030

FIELD SHEET No.: 003072 PROJECT No.: EL.23/70 - HUNTER ISLAND

LAB. SHEET No.: 443/1 SAMPLE TYPE: SOIL PROF. DATE: 20th October, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W %
HS 001	70-K-1270	BLD	BLD	BLD	10	10	BLD	BLD
HS 002	70-K-1271	BLD	BLD	BLD	10	5	BLD	BLD
HS 003	70-K-1272	BLD	BLD	BLD	10	5	BLD	BLD
HS 004	70-K-1273	BLD	BLD	BLD	10	5	BLD	BLD
HS 005	70-K-1274	BLD	BLD	BLD	10	5	BLD	BLD
HS 006	70-K-1275	BLD	BLD	BLD	10	5	BLD	BLD
HS 007	70-K-1276	BLD	BLD	BLD	10	5	BLD	BLD
HS 008	70-K-1277	BLD	BLD	BLD	10	5	BLD	BLD
HS 009	70-K-1278	2	5	BLD	10	5	BLD	BLD
HS 010	70-K-1279	BLD	5	BLD	10	5	BLD	BLD
HS 011	70-K-1280	BLD	5	BLD	10	5	BLD	BLD
HS 012	70-K-1281	BLD	5	BLD	10	5	BLD	BLD
HS 013	70-K-1282	BLD	5	BLD	10	5	BLD	BLD
HS 014	70-K-1283	2	BLD	BLD	10	5	BLD	BLD
HS 015	70-K-1284	BLD	BLD	BLD	45	5	BLD	BLD
HS 016	70-K-1285	BLD	5	BLD	10	5	BLD	BLD
HS 017	70-K-1286	BLD	BLD	BLD	10	5	BLD	BLD
HS 018	70-K-1287	2	BLD	BLD	10	5	BLD	BLD
HS 019	70-K-1288	2	BLD	BLD	10	5	BLD	BLD
HS 020	70-K-1289	BLD	BLD	BLD	10	5	BLD	BLD
HS 021	70-K-1290	BLD	BLD	BLD	10	5	BLD	BLD
HS 022	70-K-1291	BLD	BLD	BLD	10	5	BLD	BLD
HS 023	70-K-1292	BLD	BLD	BLD	10	5	BLD	BLD
HS 024	70-K-1293	BLD	5	BLD	10	5	BLD	BLD
HS 025	70-K-1294	-2	5	BLD	20	5	BLD	BLD
HS 026	70-K-1295	BLD	5	BLD	10	5	BLD	BLD
HS 027	70-K-1296	BLD	5	BLD	10	5	BLD	BLD
HS 028	70-K-1297	BLD	5	BLD	10	5	BLD	BLD
HS 029	70-K-1298	BLD	5	BLD	10	5	BLD	BLD
HS 030	70-K-1299	BLD	5	BLD	10	5	BLD	BLD
HS 031	70-K-1300	BLD	5	BLD	10	5	BLD	BLD
HS 032	70-K-1301	BLD	5	BLD	10	5	BLD	BLD
HS 033	70-K-1302	BLD	5	BLD	10	5	BLD	BLD
HS 034	70-K-1303	BLD	5	BLD	10	5	BLD	BLD
HS 035	70-K-1304	BLD	5	BLD	10	5	BLD	BLD
HS 036	70-K-1305	BLD	5	BLD	10	5	BLD	BLD
HS 037	70-K-1306	BLD	5	BLD	10	5	BLD	BLD
HS 038	70-K-1307	BLD	5	BLD	10	5	BLD	BLD
HS 039	70-K-1308	BLD	5	BLD	10	5	BLD	BLD
HS 040	70-K-1309	BLD	5	BLD	10	5	BLD	BLD
HS 041	70-K-1310	BLD	5	BLD	10	5	BLD	BLD
HS 042	70-K-1311	BLD	5	BLD	10	5	BLD	BLD
HS 043	70-K-1312	BLD	5	BLD	10	5	BLD	BLD
HS 044	70-K-1313	BLD	BLD	BLD	10	5	BLD	BLD
HS 045	70-K-1314	BLD	BLD	BLD	10	5	BLD	BLD
HS 046	70-K-1315	BLD	5	BLD	10	5	BLD	BLD

METHODS:

This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Cu, Ni, Co, Pb, Zn, Ag by GRC No. 1
W by GRC No. 4A

B.L.D. = Below Limit of Detection



Chief Chemist

Ray W. Zedler

GEOCHEMICAL LABORATORY REPORT 897031

FIELD SHEET No. 003072/3 PROJECT No. EL.23/70 - HUNTER ISLAND

LAB. SHEET No. 443/2 SAMPLE TYPE: SOIL PROF. DATE: 20th October, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W ppm
HS 047	70-K-1316	BLD	BLD	BLD	10	5	BLD	BLD
HS 048	70-K-1317	BLD	5	BLD	15	5	BLD	BLD
HS 049	70-K-1318	BLD	5	BLD	10	5	BLD	BLD
HS 050	70-K-1319	BLD	BLD	BLD	10	5	BLD	BLD
HS 051	70-K-1320	BLD	BLD	BLD	10	5	BLD	BLD
HS 052	70-K-1321	BLD	BLD	BLD	10	5	BLD	BLD
HS 053	70-K-1322	BLD	BLD	BLD	10	5	BLD	BLD
HS 054	70-K-1323	BLD	5	BLD	10	5	BLD	BLD
HS 055	70-K-1324	BLD	5	BLD	10	5	BLD	BLD
HS 056	70-K-1325	BLD	BLD	BLD	10	5	BLD	BLD
HS 057	70-K-1326	BLD	BLD	BLD	10	5	BLD	BLD
HS 058	70-K-1327	BLD	BLD	BLD	10	5	BLD	BLD
HS 059	70-K-1328	BLD	BLD	BLD	10	5	BLD	BLD
HS 060	70-K-1329	BLD	5	BLD	10	5	BLD	BLD
HS 061	70-K-1330	BLD	5	BLD	10	5	BLD	BLD
HS 062	70-K-1331	BLD	5	BLD	10	5	BLD	BLD
HS 063	70-K-1332	BLD	5	BLD	10	5	BLD	BLD
HS 064	70-K-1333	BLD	5	BLD	5	5	BLD	BLD
HS 065	70-K-1334	BLD	5	BLD	5	5	BLD	BLD
HS 066	70-K-1335	BLD	5	BLD	10	5	BLD	BLD
HS 067	70-K-1336	BLD	5	BLD	10	5	BLD	BLD
HS 068	70-K-1337	BLD	5	BLD	10	5	BLD	BLD
HS 069	70-K-1338	BLD	5	BLD	10	5	BLD	BLD
HS 070	70-K-1339	BLD	5	BLD	10	5	BLD	BLD
HS 071	70-K-1340	BLD	5	BLD	10	5	BLD	BLD
HS 072	70-K-1341	BLD	5	BLD	10	5	BLD	BLD
HS 073	70-K-1342	BLD	BLD	BLD	10	5	BLD	BLD
HS 074	70-K-1343	BLD	5	BLD	5	BLD	BLD	BLD
HS 075	70-K-1344	BLD	5	BLD	10	5	BLD	BLD
HS 076	70-K-1345	BLD	BLD	BLD	10	5	BLD	BLD
HS 077	70-K-1346	BLD	5	BLD	5	5	BLD	BLD
HS 078	70-K-1347	BLD	BLD	BLD	10	5	BLD	BLD
HS 079	70-K-1348	BLD	5	BLD	10	5	BLD	BLD
HS 080	70-K-1349	BLD	5	BLD	10	5	BLD	BLD
HS 081	70-K-1350	BLD	5	BLD	10	5	BLD	BLD
HS 082	70-K-1351	BLD	BLD	BLD	10	5	BLD	BLD
HS 083	70-K-1352	BLD	BLD	BLD	10	5	BLD	BLD
HS 084	70-K-1353	BLD	BLD	BLD	10	5	BLD	BLD
HS 085	70-K-1354	BLD	BLD	BLD	10	5	BLD	BLD
HS 086	70-K-1355	BLD	5	BLD	10	5	BLD	BLD
HS 087	70-K-1356	BLD	BLD	BLD	10	5	BLD	BLD
HS 088	70-K-1357	BLD	BLD	BLD	10	5	BLD	BLD
HS 089	70-K-1358	BLD	BLD	BLD	10	5	BLD	BLD
HS 090	70-K-1359	BLD	BLD	BLD	10	5	BLD	BLD
HS 091	70-K-1360	BLD	BLD	BLD	10	5	BLD	BLD
HS 092	70-K-1361	BLD	BLD	BLD	10	5	BLD	BLD

METHODS:

This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.



Chief Chemist

Ray W. Gidman

031

GEOCHEMICAL LABORATORY REPORT 897032

FIELD SHEET No.: 003073/4 PROJECT No.: EL.23/70 - HUNTER ISLAND

LAB. SHEET No.: 443/3 SAMPLE TYPE: SOIL PROF. DATE: 20th October, 1970

STREAM SED.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W %
HS 093	70-K-1362	BLD	BLD	BLD	10	5	BLD	BLD
HS 094	70-K-1363	BLD	BLD	BLD	10	5	BLD	BLD
HS 095	70-K-1364	BLD	BLD	BLD	10	5	BLD	BLD
HS 096	70-K-1365	BLD	BLD	BLD	10	5	BLD	BLD
HS 097	70-K-1366	BLD	BLD	BLD	10	5	BLD	BLD
HS 098	70-K-1367	BLD	BLD	BLD	10	5	BLD	BLD
HS 099	70-K-1368	BLD	BLD	BLD	10	5	BLD	BLD
HS 100	70-K-1369	BLD	BLD	BLD	10	5	BLD	BLD
HS 101	70-K-1370	BLD	BLD	BLD	10	5	BLD	BLD
HS 102	70-K-1371	BLD	BLD	BLD	10	5	BLD	BLD
HS 103	70-K-1372	BLD	BLD	BLD	10	5	BLD	BLD
HS 104	70-K-1373	BLD	5	BLD	10	5	BLD	BLD
HS 105	70-K-1374	BLD	5	BLD	10	5	BLD	BLD
HE 001A	70-K-1375	BLD	10	5	30	10	1	BLD
HE 002A	70-K-1376	2	15	10	50	10	1	BLD
HE 003A	70-K-1377	BLD	20	15	55	10	1	BLD
HE 004A	70-K-1378	BLD	15	15	50	10	1	BLD
HE 001	70-K-1379	BLD	5	BLD	10	5	BLD	BLD
HE 002	70-K-1380	BLD	BLD	BLD	10	5	BLD	BLD
HE 003	70-K-1381	BLD	BLD	BLD	10	5	BLD	BLD
HE 004	70-K-1382	BLD	5	BLD	10	5	BLD	BLD
HE 005	70-K-1383	BLD	5	BLD	10	5	BLD	BLD
HE 006	70-K-1384	BLD	5	BLD	10	5	BLD	BLD
HE 007	70-K-1385	BLD	BLD	BLD	10	5	BLD	BLD
HE 008	70-K-1386	BLD	15	10	40	10	BLD	BLD
HE 009	70-K-1387	BLD	5	BLD	10	5	BLD	BLD
HE 010	70-K-1388	BLD	5	BLD	10	5	BLD	BLD
HE 011	70-K-1389	BLD	5	BLD	10	5	BLD	BLD
HE 012	70-K-1390	4	15	5	25	10	1	BLD
HS 106	70-K-1391	BLD	5	BLD	10	5	BLD	BLD
HS 107	70-K-1392	BLD	5	BLD	10	5	BLD	BLD
HS 108	70-K-1393	BLD	5	BLD	10	5	BLD	BLD
HS 109	70-K-1394	BLD	5	BLD	10	5	BLD	BLD
HS 110	70-K-1409	S A M P L E M I S S I N G						
HS 111	70-K-1410	BLD	BLD	BLD	10	5	BLD	BLD
HS 112	70-K-1411	BLD	5	BLD	10	5	BLD	BLD
HS 113	70-K-1412	BLD	5	BLD	10	5	BLD	BLD
HS 114	70-K-1413	BLD	5	BLD	10	5	BLD	BLD
HS 115	70-K-1414	BLD	5	BLD	10	5	BLD	BLD
HS 116	70-K-1415	BLD	5	BLD	10	5	BLD	BLD
HS 117	70-K-1416	BLD	5	BLD	10	5	BLD	BLD
HS 118	70-K-1417	BLD	5	BLD	10	5	BLD	BLD
HS 119	70-K-1418	BLD	5	BLD	10	5	BLD	BLD
HS 120	70-K-1419	BLD	5	BLD	10	5	BLD	BLD
HS 121	70-K-1420	BLD	BLD	BLD	10	5	BLD	BLD
HS 122	70-K-1421	BLD	5	BLD	10	5	BLD	BLD

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

Ray W. [Signature]

GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003075 PROJECT No.: EL.23/70 - HUNTER ISLAND 897033

LAB. SHEET No.: 443/4 SAMPLE TYPE: SOIL PROF. DATE: 20th October, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W %
HS 122A	70-K-1422	BLD	10	5	25	10	BLD	BLD
HS 123	70-K-1423	BLD	5	BLD	15	5	BLD	BLD

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

Ray W. G. [Signature]

032

GEOCHEMICAL LABORATORY REPORT *Red*

033

FIELD SHEET No. 003076 PROJECT No. EL.23/70 - HUNTER ISLAND 897034

LAB. SHEET No. 511/1 SAMPLE TYPE STREAM SED. DATE 16th December, 1970.
SOIL PROF./DUNE SAND

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W ppm
HD 047	70-L-221)	Heavy Minerals Only/see attached report sheets						
HD 048	70-L-222)							
HE 013	70-L-223	2	5	BLD	5	BLD	BLD	BLD
HE 014	70-L-224	2	5	BLD	BLD	BLD	BLD	BLD
HE 015	70-L-225	2	10	BLD	5	BLD	BLD	BLD
HE 016	70-L-226	BLD	5	BLD	BLD	5	BLD	BLD
HE 017	70-L-227	2	10	BLD	5	BLD	BLD	BLD
HE 018	70-L-228	2	10	BLD	10	BLD	BLD	BLD
HS 124	70-L-229	2	5	BLD	BLD	BLD	BLD	BLD
HS 125	70-L-230	BLD	5	BLD	BLD	BLD	BLD	BLD
HS 126	70-L-231	2	5	BLD	BLD	BLD	BLD	BLD
HS 127	70-L-232	BLD	5	BLD	BLD	BLD	BLD	BLD
HS 128	70-L-233	2	5	BLD	BLD	BLD	BLD	BLD
HS 129	70-L-234	2	5	BLD	BLD	BLD	BLD	BLD
HS 130	70-L-235	2	5	BLD	BLD	BLD	BLD	BLD
HS 131	70-L-236	2	5	BLD	BLD	BLD	BLD	BLD
HS 132	70-L-237	2	5	BLD	BLD	BLD	BLD	BLD
HS 133	70-L-238	2	5	BLD	BLD	BLD	BLD	BLD
HS 134	70-L-239	2	5	BLD	BLD	BLD	BLD	BLD
HS 135	70-L-240	BLD	5	BLD	BLD	BLD	BLD	BLD
HS 136	70-L-241	BLD	5	BLD	BLD	BLD	BLD	BLD
HS 137	70-L-242	2	5	BLD	BLD	BLD	BLD	BLD
HS 138	70-L-243	2	5	BLD	BLD	5	BLD	BLD
HS 139	70-L-244	2	5	BLD	BLD	BLD	BLD	BLD
HS 140	70-L-245	2	5	BLD	BLD	BLD	BLD	BLD
HS 141	70-L-246	2	5	BLD	BLD	BLD	BLD	BLD
HS 142	70-L-247	2	5	BLD	BLD	5	BLD	BLD
HS 143	70-L-248	2	5	BLD	BLD	BLD	BLD	BLD
HS 144	70-L-249	2	5	BLD	BLD	BLD	BLD	BLD
HS 145	70-L-250	2	BLD	BLD	BLD	5	BLD	BLD
HS 146	70-L-251	2	BLD	BLD	BLD	5	BLD	BLD
HS 147	70-L-252	BLD	BLD	BLD	BLD	5	BLD	BLD
HS 148	70-L-253	2	15	10	25	5	1	BLD
HS 149	70-L-254	2	BLD	BLD	BLD	5	BLD	BLD
HS 150	70-L-255	BLD	BLD	BLD	BLD	5	BLD	BLD
HS 151	70-L-256	2	BLD	BLD	BLD	BLD	BLD	BLD
HS 152	70-L-257	2	BLD	BLD	BLD	BLD	BLD	BLD
HS 152A	70-L-258	BLD	BLD	BLD	BLD	5	BLD	BLD
HS 153	70-L-259	2	BLD	BLD	BLD	BLD	BLD	BLD
HS 154	70-L-260	BLD	BLD	BLD	BLD	BLD	BLD	BLD
HS 155	70-L-261	BLD	BLD	BLD	BLD	BLD	BLD	BLD
HS 156	70-L-262	BLD	BLD	BLD	BLD	BLD	BLD	BLD
HS 157	70-L-263	BLD	BLD	BLD	BLD	BLD	BLD	BLD
HS 158	70-L-264	BLD	BLD	BLD	BLD	BLD	BLD	BLD
HS 159	70-L-265	BLD	BLD	BLD	BLD	BLD	BLD	BLD
HS 160	70-L-266	BLD	BLD	BLD	BLD	BLD	BLD	BLD

METHODS:

This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Cu, Ni, Co, Pb, Zn, Ag by GRC No. 1
W by GRC No. 4B
B.L.D. = Below Limit of Detection
NEG = Negative



Chief Chemist

Ray W. Yorkway

034

GEOCHEMICAL LABORATORY REPORT 897035

FIELD SHEET No. 003076 PROJECT No. EL. 23/70 - HUNTER ISLAND

LAB. SHEET No. 511/2 SAMPLE TYPE: STREAM SED. / DATE: 16th December, 1970.
SOIL PROF. / DUNE SAND

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W ppm	
HS 161	70-L-267	2	BLD	BLD	BLD	BLD	BLD	BLD	
HS 162	70-L-268	BLD	BLD	BLD	10	BLD	BLD	BLD	
HS 163	70-L-269	2	BLD	BLD	BLD	BLD	BLD	BLD	
HS 164	70-L-270	2	BLD	BLD	BLD	BLD	BLD	BLD	
HS 165	70-L-271	2	BLD	BLD	BLD	5	BLD	BLD	
HS 166	70-L-272	BLD	BLD	BLD	BLD	BLD	BLD	BLD	
HS 167	70-L-273	BLD	BLD	BLD	BLD	5	BLD	BLD	
HS 168	70-L-274	BLD	BLD	BLD	BLD	5	BLD	BLD	
HS 169	70-L-275	BLD	BLD	BLD	BLD	5	BLD	BLD	
HS 170	70-L-276	BLD	BLD	BLD	BLD	5	BLD	BLD	
HS 171	70-L-277	2	BLD	BLD	BLD	5	BLD	BLD	
HS 172	70-L-278	2	BLD	BLD	BLD	10	BLD	BLD	
HS 173	70-L-279	2	10	BLD	BLD	10	BLD	BLD	
HB004 to HB009	70-L-230 to 70-L-285	to (Heavy Minerals Only - see attached report sheets							

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

Ray W. Zedler

GEOCHEMICAL LABORATORY REPORT 897036

FIELD SHEET No. 003079 PROJECT No. EL. 23/70 - HUNTER ISLAND/PENGUIN ISLAND
STACK ISLAND

LAB. SHEET No. 511/4 SAMPLE TYPE: ROCK DATE: 16th December, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W ppm	U.V. test
HR 95	70-L-336	2	5	BLD	BLD	5	BLD	BLD	NEG
HR 96	70-L-337	2	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 97	70-L-338	2	10	5	10	20	BLD	BLD	NEG
HR 98	70-L-339	2	10	10	15	10	1	BLD	NEG
HR 99	70-L-340	2	10	10	10	10	BLD	BLD	NEG
HR 100	70-L-341	2	10	10	10	10	BLD	BLD	NEG
HR 101	70-L-342	2	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 102	70-L-343	BLD	10	5	10	15	1	BLD	NEG
HR 103	70-L-344	BLD	10	5	10	10	BLD	BLD	NEG
HR 104	70-L-345	BLD	5	5	5	10	1	BLD	NEG
HR 105	70-L-346	BLD	10	5	5	10	1	BLD	NEG
HR 106	70-L-347	2	10	BLD	BLD	BLD	BLD	BLD	NEG
HR 107	70-L-348	2	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 202	70-L-349	425	5	BLD	10	50	2	5	NEG
HR 203	70-L-350	15	5	BLD	20	20	1	10	NEG
HR 204	70-L-351	200	5	BLD	35	20	1	25	NEG
HR 205	70-L-352	40	10	BLD	10	20	1	5	NEG
HR 206	70-L-353	5	5	BLD	10	10	BLD	5	NEG
HR 207	70-L-354	30	10	BLD	10	10	1	5	NEG
HR 208	70-L-355	5	5	BLD	25	20	BLD	15	NEG
HR 209	70-L-356	20	5	5	15	40	BLD	BLD	NEG
HR 210	70-L-357	15	5	BLD	45	25	BLD	20	NEG
HR 211	70-L-358	15	5	BLD	15	10	1	430	NEG
HR 212	70-L-359	35	5	BLD	10	10	1	10	NEG
HR 213	70-L-360	195	5	BLD	10	15	2	10	NEG
HR 214	70-L-361	10	5	BLD	10	10	BLD	480	NEG
HR 215	70-L-362	275	10	BLD	10	50	3	0.43%	NEG
HR 216	70-L-363	20	5	BLD	15	15	BLD	155	NEG
HR 217	70-L-364	150	5	BLD	70	20	2	3.88%	NEG
HR 218	70-L-365	10	5	BLD	20	15	BLD	265	NEG
HR 219	70-L-366	2	10	BLD	15	10	1	0.14%	NEG
HR 220	70-L-367	10	10	BLD	10	15	BLD	40	NEG
HR 221	70-L-368	20	10	5	20	40	BLD	20	NEG
HR 222	70-L-369	225	10	5	10	20	2	5	NEG
HR 223	70-L-370	20	5	BLD	45	25	1	550	NEG
HR 224	70-L-371	10	10	BLD	10	20	4	15	NEG
HR 225	70-L-372	25	5	BLD	10	15	1	BLD	NEG
HR 226	70-L-373	10	5	BLD	10	20	BLD	10	NEG
HR 227	70-L-374	5	5	BLD	20	15	BLD	10	NEG
HR 228	70-L-375	75	5	BLD	20	20	1	925	NEG
HR 229	70-L-376	470	5	BLD	15	20	3	15	NEG
HR 230	70-L-377	10	10	5	20	30	BLD	10	NEG
HR 231	70-L-378	15	5	5	20	20	1	15	NEG
HR 232	70-L-379	5	5	BLD	5	10	BLD	260	NEG
HR 233	70-L-380	5	5	BLD	10	5	BLD	45	NEG
HR 234	70-L-381	5	5	BLD	20	10	1	10	NEG

PENGUIN ISLAND

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

Ray W. Zepher

GEOCHEMICAL LABORATORY REPORT 897037

036

FIELD SHEET No.: 003080 PROJECT No.: EL. 23/70 - HUNTER ISLAND/PENGUIN ISLAND (STACK ISLAND)

LAB. SHEET No.: 511/5 SAMPLE TYPE: ROCK DATE: 16th December, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W ppm	U.V. test
HR 235	70-L-382	100	5	5	10	15	1	295	NEG
HR 235A	70-L-383	2	10	BLD	10	10	1	10	NEG
HR 236	70-L-384	2	5	BLD	BLD	5	1	BLD	NEG
HR 237	70-L-385	2	5	BLD	BLD	5	BLD	BLD	NEG
HR 238	70-L-386	2	5	BLD	BLD	BLD	1	BLD	NEG
HR 239	70-L-387	BLD	5	BLD	10	5	BLD	BLD	NEG
HR 240	70-L-388	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 241	70-L-389	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 242	70-L-390	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 243	70-L-391	BLD	5	BLD	BLD	BLD	BLD	10	NEG
HR 244	70-L-392	BLD	5	BLD	BLD	5	BLD	BLD	NEG
HR 245	70-L-393	2	5	BLD	BLD	5	BLD	10	NEG
HR 246	70-L-394	5	10	BLD	5	5	BLD	BLD	NEG
HR 247	70-L-395	2	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 248	70-L-396	2	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 249	70-L-397	2	10	BLD	BLD	BLD	BLD	BLD	NEG
HR 250	70-L-398	2	10	BLD	BLD	BLD	BLD	BLD	NEG
HR 251	70-L-399	10	10	10	10	10	BLD	10	NEG
HR 252	70-L-400	2	5	BLD	5	BLD	BLD	BLD	NEG
HR 253	70-L-401	2	5	BLD	BLD	5	BLD	BLD	NEG
HR 254	70-L-402	2	10	BLD	BLD	5	BLD	BLD	NEG
HR 255	70-L-403	2	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 256	70-L-404	5	5	BLD	15	BLD	BLD	BLD	NEG
HR 257	70-L-405	5	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 258	70-L-406	2	5	BLD	15	BLD	BLD	BLD	NEG
HR 259	70-L-407	2	5	BLD	5	5	BLD	BLD	NEG
HR 260	70-L-408	2	20	10	20	10	1	BLD	NEG
HR 261	70-L-409	2	5	BLD	BLD	BLD	BLD	10	NEG
HR 262	70-L-410	2	15	5	15	10	1	BLD	NEG
HR 263	70-L-411	5	30	15	15	4c	1	10	NEG
HR 264	70-L-412	2	5	BLD	BLD	BLD	BLD	10	NEG
HR 270	70-L-413	2	10	BLD	5	BLD	BLD	BLD	NEG
HR 271	70-L-414	5	10	BLD	BLD	BLD	BLD	BLD	NEG
HR 272	70-L-415	5	30	30	60	20	2	BLD	NEG
HR 273	70-L-416	2	10	BLD	5	BLD	BLD	BLD	NEG
HR 274	70-L-417	5	10	BLD	BLD	BLD	BLD	BLD	NEG
HR 275	70-L-418	2	10	BLD	10	BLD	BLD	BLD	NEG
HR 276	70-L-419	2	10	BLD	5	BLD	BLD	BLD	NEG
HR 277	70-L-420	5	5	BLD	5	5	BLD	BLD	NEG
HR 278	70-L-421	5	30	25	60	25	2	BLD	NEG
HR 284	70-L-422	5	15	10	10	10	1	BLD	NEG
HR 285	70-L-423	5	10	BLD	5	BLD	BLD	BLD	NEG
HR 286	70-L-424	2	10	BLD	5	BLD	BLD	BLD	NEG
HR 287	70-L-425	5	10	BLD	5	5	BLD	BLD	NEG
HR 288	70-L-426	2	10	BLD	5	BLD	BLD	BLD	NEG
HR 289	70-L-427	2	10	BLD	BLD	5	BLD	BLD	NEG

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

Ray W. G. [Signature]

037

GEOCHEMICAL LABORATORY REPORT

897038

FIELD SHEET No.: 003080 PROJECT No.: EL. 23/70 (HUNTER ISLAND/STACK ISLAND)

LAB. SHEET No.: 511/6 SAMPLE TYPE: ROCK DATE: 16th December, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W ppm	U. V. test
HR 290	70-L-428	2	10	5	5	10	1	BLD	NEG
HR 291	70-L-429	5	10	BLD	BLD	BLD	BLD	BLD	NEG
HR 292	70-L-430	5	10	BLD	BLD	BLD	BLD	BLD	NEG
HR 293	70-L-431	5	10	BLD	BLD	BLD	BLD	BLD	NEG
HR 294	70-L-432	5	10	BLD	5	BLD	BLD	BLD	NEG
HR 295	70-L-433	2	10	BLD	5	BLD	BLD	BLD	NEG
HR 296	70-L-434	2	10	BLD	BLD	BLD	BLD	BLD	NEG
HR 013	70-L-435	2	5	BLD	BLD	BLD	BLD	BLD	NEG

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

Ray W. [Signature]

038

GEOCHEMICAL LABORATORY REPORT 897039

FIELD SHEET No. 003068 PROJECT No. EL.23/70 - HUNTER ISLAND

LAB. SHEET No. 534/1 SAMPLE TYPE: ROCK DATE: 28th January, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W ppm	Ultraviolet Examination
HR 1006	70-L-21	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1007	70-L-22	BLD	BLD	BLD	5	BLD	BLD	BLD	NEG
HR 1008	70-L-23	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 1009	70-L-24	BLD	BLD	BLD	5	BLD	BLD	BLD	NEG
HR 1010	70-L-25	BLD	5	BLD	5	10	BLD	BLD	NEG
HR 1011	70-L-26	BLD	5	BLD	BLD	5	BLD	BLD	NEG
HR 1012	70-L-27	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 1013	70-L-28	BLD	BLD	BLD	5	5	BLD	BLD	NEG
HR 1014	70-L-29	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 1015	70-L-30	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 1016	70-L-31	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1017	70-L-32	BLD	BLD	BLD	5	BLD	BLD	BLD	NEG
HR 1018	70-L-33	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1019	70-L-34	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1020	70-L-35	BLD	5	BLD	5	BLD	BLD	BLD	NEG
HR 1021	70-L-36	BLD	BLD	BLD	5	BLD	BLD	BLD	NEG
HR 1022	70-L-37	BLD	5	BLD	5	BLD	BLD	BLD	NEG
HR 1023	70-L-38	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1024	70-L-39	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 1025	70-L-40	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 1026	70-L-41	BLD	10	BLD	BLD	BLD	BLD	BLD	NEG
HR 1027	70-L-42	BLD	5	BLD	5	BLD	BLD	BLD	NEG
HR 1028	70-L-43	2	5	BLD	5	BLD	BLD	BLD	NEG
HR 1029	70-L-44	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1030	70-L-45	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 1031	70-L-46	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1032	70-L-47	BLD	5	BLD	5	BLD	BLD	BLD	NEG
HR 1033	70-L-48	BLD	5	BLD	5	5	BLD	BLD	NEG
HR 1034	70-L-49	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1035	70-L-50	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1036	70-L-51	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 1037	70-L-52	BLD	10	BLD	5	5	BLD	BLD	NEG
HR 1038	70-L-53	BLD	10	BLD	5	5	BLD	BLD	NEG
HR 1039	70-L-54	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 1040	70-L-55	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 1041	70-L-56	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1042	70-L-57	10	5	BLD	5	BLD	BLD	BLD	NEG
HR 1043	70-L-58	2	5	BLD	5	BLD	BLD	BLD	NEG
HR 1044	70-L-59	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 1045	70-L-60	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1046	70-L-61	5	5	BLD	5	5	BLD	BLD	NEG
HR 1047	70-L-62	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1048	70-L-63	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 1049	70-L-64	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1050	70-L-65	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1051	70-L-66	BLD	BLD	BLD	10	BLD	BLD	BLD	NEG

METHODS:

This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Cu, Ni, Co, Pb, Zn, Ag by GRC No. 1
 W by GRC No. 4A
 B.L.D. = Below Limit of Detection



D Longley

Chief Chemist

GEOCHEMICAL LABORATORY REPORT 897040

FIELD SHEET No.: 003068/9 PROJECT No.: EL.23/70 - HUNTER ISLAND

LAB. SHEET No.: 534/2 SAMPLE TYPE: ROCK DATE: 28th January, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W ppm	Ultra Vic Examination
HR 1052	70-L-67	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1053	70-L-68	BLD	BLD	BLD	BLD	5	BLD	BLD	NEG
HR 1054	70-L-69	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1055	70-L-70	BLD	10	5	5	15	BLD	BLD	NEG
HR 1056	70-L-71	BLD	10	BLD	BLD	BLD	BLD	BLD	NEG
HR 1057	70-L-72	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1058	70-L-73	BLD	5	BLD	BLD	5	BLD	BLD	NEG
HR 1059	70-L-74	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1060	70-L-75	5	15	5	5	5	BLD	BLD	NEG
HR 1061	70-L-76	BLD	5	BLD	5	BLD	BLD	BLD	NEG
HR 1062	70-L-77	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1063	70-L-78	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1064	70-L-79	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1065	70-L-80	BLD	5	BLD	5	5	BLD	BLD	NEG
HR 1066	70-L-81	BLD	5	BLD	BLD	5	BLD	BLD	NEG
HR 1067	70-L-82	BLD	BLD	BLD	5	BLD	BLD	BLD	NEG
HR 1068	70-L-83	BLD	BLD	BLD	5	5	BLD	BLD	NEG
HR 1069	70-L-84	5	10	10	10	10	BLD	BLD	NEG
HR 1070	70-L-85	5	10	BLD	5	10	BLD	BLD	NEG
HR 1071	70-L-86	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1072	70-L-87	2	5	BLD	5	BLD	BLD	BLD	NEG
HR 1073	70-L-88	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 1074	70-L-89	2	BLD	BLD	BLD	5	BLD	BLD	NEG
HR 1075	70-L-90	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1076	70-L-91	2	BLD	BLD	5	BLD	BLD	BLD	NEG
HR 1077	70-L-92	180	95	95	70	30	2	BLD	NEG
HR 1078	70-L-93	2	BLD	BLD	5	5	BLD	BLD	NEG
HR 1079	70-L-94	2	BLD	BLD	5	BLD	BLD	BLD	NEG
HR 1080	70-L-95	2	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1081	70-L-96	BLD	BLD	BLD	5	BLD	BLD	BLD	NEG
HR 1082	70-L-97	5	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1083	70-L-98	10	5	BLD	5	BLD	BLD	BLD	NEG
HR 1084	70-L-99	5	BLD	BLD	20	BLD	BLD	BLD	NEG
HR 1085	70-L-100	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1086	70-L-101	BLD	BLD	BLD	5	BLD	BLD	BLD	NEG
HR 1087	70-L-102	2	BLD	BLD	5	BLD	BLD	BLD	NEG
HR 1088	70-L-103	BLD	5	BLD	5	BLD	BLD	BLD	NEG
HR 1089	70-L-104	BLD	BLD	BLD	5	BLD	BLD	BLD	NEG
HR 1090	70-L-105	BLD	BLD	BLD	15	BLD	BLD	BLD	NEG
HR 1091	70-L-106	2	BLD	BLD	5	BLD	BLD	BLD	NEG
HR 1092	70-L-107	2	BLD	BLD	5	BLD	BLD	BLD	NEG
HR 1093	70-L-108	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1094	70-L-109	2	BLD	BLD	5	BLD	BLD	BLD	NEG
HR 1095	70-L-110	BLD	BLD	BLD	5	BLD	BLD	BLD	NEG
HR 1096	70-L-111	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1097	70-L-112	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

J. D. Laughrey
Chief Chemist

040

GEOCHEMICAL LABORATORY REPORT

897041

FIELD SHEET No. 003069/70 PROJECT No. EL.23/70 - HUNTER ISLAND

LAB. SHEET No. 534/3 SAMPLE TYPE: ROCK DATE: 28th January, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W ppm	Ultra Vio. Examination
HR 1098	70-L-113	BLD	BLD	BLD	5	BLD	BLD	BLD	NEG
HR 1099	70-L-114	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1100	70-L-115	BLD	5	BLD	5	BLD	BLD	BLD	NEG
HR 1101	70-L-116	BLD	BLD	BLD	5	BLD	BLD	BLD	NEG
HR 1102	70-L-117	BLD	BLD	BLD	5	BLD	BLD	BLD	NEG
HR 1103	70-L-118	BLD	BLD	BLD	5	BLD	BLD	BLD	NEG
HR 1104	70-L-119	BLD	10	BLD	5	BLD	BLD	BLD	NEG
HR 1105	70-L-120	BLD	5	BLD	5	BLD	BLD	BLD	NEG
HR 1106	70-L-121	BLD	10	BLD	5	BLD	BLD	BLD	NEG
HR 1107	70-L-122	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 1108	70-L-123	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 1109	70-L-124	2	5	BLD	5	BLD	BLD	BLD	NEG
HR 1110	70-L-125	BLD	BLD	BLD	5	BLD	BLD	BLD	NEG
HR 1111	70-L-126	BLD	BLD	BLD	5	BLD	BLD	BLD	NEG
HR 1112	70-L-127	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 2001	70-L-128	BLD	BLD	BLD	5	BLD	BLD	BLD	NEG
HR 2002	70-L-129	2	5	BLD	15	BLD	BLD	BLD	NEG
HR 2003	70-L-130	BLD	5	BLD	5	BLD	BLD	BLD	NEG
HR 2004	70-L-131	2	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 2005	70-L-132	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 2006	70-L-133	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 2007	70-L-134	2	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 2008	70-L-135	BLD	5	BLD	5	BLD	BLD	BLD	NEG
HR 2009	70-L-136	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 2010	70-L-137	BLD	10	BLD	5	BLD	BLD	BLD	NEG
HR 2011	70-L-138	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 2012	70-L-139	BLD	5	BLD	BLD	5	BLD	BLD	NEG
HR 2013	70-L-140	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 2014	70-L-141	BLD	5	BLD	5	BLD	BLD	BLD	NEG
HR 2015	70-L-142	2	5	BLD	BLD	BLD	BLD	BLD	NEG
HR 2016	70-L-143	BLD	5	BLD	5	5	BLD	BLD	NEG
HR 2017	70-L-144	BLD	10	BLD	5	5	BLD	BLD	NEG
HR 2018	70-L-145	BLD	5	BLD	5	5	BLD	BLD	NEG
HR 2019	70-L-146	BLD	5	BLD	5	5	BLD	BLD	NEG
HR 2020	70-L-147	BLD	5	BLD	5	5	BLD	BLD	NEG
HR 2021	70-L-148	BLD	10	BLD	5	15	BLD	BLD	NEG
HR 2022	70-L-149	BLD	5	BLD	5	5	BLD	BLD	NEG
HR 2023	70-L-150	BLD	BLD	BLD	5	BLD	BLD	BLD	NEG
HR 2024	70-L-151	BLD	BLD	BLD	5	5	BLD	BLD	NEG
HR 2025	70-L-152	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 2026	70-L-153	BLD	5	BLD	5	BLD	BLD	BLD	NEG
HR 2027	70-L-154	10	20	15	15	10	BLD	BLD	NEG
HR 2028	70-L-155	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 2029	70-L-156	BLD	10	BLD	5	10	BLD	BLD	NEG
HR 2030	70-L-157	BLD	20	10	5	20	BLD	BLD	NEG
HR 2031	70-L-158	BLD	10	5	5	10	BLD	BLD	NEG

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

G. Laughrey
Chief Chemist

GEOCHEMICAL LABORATORY REPORT

897042

FIELD SHEET No.: 003070 PROJECT No.: EL 23/70 - HUNTER ISLAND

LAB. SHEET No.: 534/4 SAMPLE TYPE: ROCK DATE: 28th January, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W ppm	Ultra Examination	Visual Examination
HR 2032	70-L-159	BLD	BLD	BLD	BLD	5	BLD	BLD	NEG	
HR 2033	70-L-160	BLD	20	15	10	10	BLD	BLD	NEG	
HR 2034	70-L-161	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG	
HR 2035	70-L-162	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG	
HR 2036	70-L-163	BLD	BLD	BLD	5	BLD	BLD	BLD	NEG	
HR 2037	70-L-164	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG	
HR 2038	70-L-165	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG	
HR 2039	70-L-166	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG	
HR 2040	70-L-167	BLD	BLD	BLD	BLD	5	BLD	BLD	NEG	
HR 2041	70-L-168	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG	
HR 2042	70-L-169	BLD	BLD	BLD	5	BLD	BLD	BLD	NEG	
HR 2043	70-L-170	BLD	BLD	BLD	10	BLD	BLD	BLD	NEG	
HR 2044	70-L-171	BLD	BLD	BLD	5	BLD	BLD	BLD	NEG	
HR 2045	70-L-172	BLD	5	BLD	5	BLD	BLD	BLD	NEG	
HR 2046	70-L-173	BLD	5	BLD	5	BLD	BLD	BLD	NEG	
HR 2047	70-L-174	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG	
HR 2048	70-L-175	BLD	5	BLD	5	BLD	BLD	BLD	NEG	
HR 2049	70-L-176	BLD	10	BLD	5	5	BLD	BLD	NEG	
HR 2050	70-L-177	BLD	10	BLD	10	5	BLD	BLD	NEG	
HR 2051	70-L-178	2	10	5	5	5	BLD	BLD	NEG	
HR 2052	70-L-179	2	15	10	5	10	BLD	BLD	NEG	
HR 2053	70-L-180	2	5	BLD	5	BLD	BLD	BLD	NEG	
HR 2054	70-L-181	BLD	35	BLD	5	BLD	BLD	BLD	NEG	
HR 2055	70-L-182	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG	
HR 2056	70-L-183	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG	
HR 001	70-L-184	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG	
HR 002	70-L-185	2	BLD	BLD	5	BLD	BLD	BLD	NEG	
HR 003	70-L-186	BLD	20	5	10	10	BLD	BLD	NEG	
HR 004	70-L-187	BLD	BLD	BLD	5	BLD	BLD	BLD	NEG	
HR 018	70-L-188	BLD	BLD	BLD	10	BLD	BLD	BLD	NEG	
HR 82	70-L-189	5	30	15	20	20	BLD	BLD	NEG	
HR 83	70-L-190	BLD	25	BLD	5	BLD	BLD	BLD	NEG	
HR 84	70-L-191	BLD	5	BLD	5	BLD	BLD	BLD	NEG	
HR 74	70-L-192	BLD	10	BLD	5	BLD	BLD	BLD	NEG	
HR 25	70-L-193	BLD	BLD	BLD	5	BLD	BLD	BLD	NEG	
HR 26	70-L-194	BLD	5	BLD	5	BLD	BLD	BLD	NEG	
HR 27	70-L-195	BLD	10	BLD	5	BLD	BLD	BLD	NEG	
HR 28	70-L-196	BLD	15	5	5	10	BLD	BLD	NEG	
HR 29	70-L-197	BLD	BLD	BLD	5	BLD	BLD	BLD	NEG	
HR 30	70-L-198	BLD	5	BLD	5	BLD	BLD	BLD	NEG	
HR 31	70-L-199	BLD	5	BLD	5	BLD	BLD	BLD	NEG	
HR 32	70-L-200	5	10	5	5	5	BLD	BLD	NEG	
HR 33	70-L-201	BLD	20	5	5	5	BLD	BLD	NEG	
HR 34	70-L-202	10	BLD	BLD	5	BLD	BLD	BLD	NEG	
HR 35	70-L-203	BLD	10	5	5	5	BLD	BLD	NEG	
HR 001A	70-L-204	BLD	5	BLD	5	BLD	BLD	BLD	NEG	

METHODS:



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E. Loughrey
Chief Chemist

GEOCHEMICAL LABORATORY REPORT

897043

FIELD SHEET No. 003071/78 PROJECT No. EL.23/70 HUNTER ISLAND

LAB. SHEET No. 534/5 SAMPLE TYPE ROCK DATE 28th January, 1971.

042

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W ppm	Ultra Exam	Violenti
HR 009	70-L-205	BLD	BLD	BLD	5	BLD	BLD	BLD	NEG	
HR 070	70-L-206	BLD	BLD	BLD	5	BLD	BLD	BLD	NEG	
HR 75	70-L-207	15	20	10	5	10	BLD	BLD	NEG	
HR 75A	70-L-208	2	15	5	5	10	BLD	BLD	NEG	
HR 75B	70-L-209	65	20	10	10	10	BLD	BLD	NEG	
HR 75C	70-L-210	5	5	BLD	5	5	BLD	BLD	NEG	
HR 76	70-L-211	20	15	5	15	10	BLD	BLD	NEG	
HR 77A	70-L-212	10	20	10	10	10	BLD	BLD	NEG	
HR 78A	70-L-213	5	5	BLD	15	BLD	BLD	BLD	NEG	
HR 78B	70-L-214	5	10	BLD	10	10	BLD	BLD	NEG	
HR 79A	70-L-215	15	15	5	15	10	BLD	BLD	NEG	
HR 80A	70-L-216	15	15	5	10	10	BLD	BLD	NEG	
HR 81A	70-L-217	5	15	5	10	10	BLD	BLD	NEG	
HR 85A	70-L-218	10	10	5	15	5	BLD	BLD	NEG	
HR 86A	70-L-219	5	BLD	BLD	10	BLD	BLD	BLD	NEG	
HR 86B	70-L-220	2	5	BLD	5	BLD	BLD	BLD	NEG	
HG 001	70-L-286	2	10	BLD	BLD	BLD	BLD	BLD	NEG	
HG 001A	70-L-287	BLD	5	BLD	5	BLD	BLD	BLD	NEG	
HG 001B	70-L-288	2	5	BLD	BLD	BLD	BLD	BLD	NEG	
HG 002	70-L-289	BLD	BLD	BLD	5	BLD	BLD	BLD	NEG	
HG 002A	70-L-290	BLD	BLD	BLD	5	BLD	BLD	BLD	NEG	
HG 003	70-L-291	2	5	BLD	BLD	BLD	BLD	BLD	NEG	
HG 003A	70-L-292	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG	
HG 003B	70-L-293	2	5	BLD	5	BLD	BLD	BLD	NEG	
HG 003C	70-L-294	2	10	BLD	BLD	BLD	BLD	BLD	NEG	
HG 004	70-L-295	2	5	BLD	BLD	BLD	BLD	BLD	NEG	
HG 004A	70-L-296	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG	
HG 005	70-L-297	5	10	BLD	5	BLD	BLD	BLD	NEG	
HG 005A	70-L-298	2	5	BLD	BLD	BLD	BLD	BLD	NEG	
HG 006	70-L-299	2	5	BLD	BLD	BLD	BLD	BLD	NEG	
HG 006A	70-L-300	5	5	BLD	5	BLD	BLD	BLD	NEG	
HG 006B	70-L-301	BLD	10	BLD	BLD	BLD	BLD	BLD	NEG	
HG 006C	70-L-302	2	10	BLD	5	BLD	BLD	BLD	NEG	
HG 007	70-L-303	2	5	BLD	BLD	5	BLD	BLD	NEG	
HG 007A	70-L-304	5	10	BLD	BLD	5	BLD	BLD	NEG	
HG 007B	70-L-305	2	10	BLD	BLD	BLD	BLD	BLD	NEG	
HG 008	70-L-306	2	5	BLD	BLD	BLD	BLD	BLD	NEG	
HG 008A	70-L-307	2	5	BLD	BLD	BLD	BLD	BLD	NEG	
HG 008B	70-L-308	2	10	BLD	5	BLD	BLD	BLD	NEG	
HG 008C	70-L-309	2	5	BLD	5	10	BLD	BLD	NEG	
HG 009	70-L-310	BLD	5	BLD	25	BLD	BLD	BLD	NEG	
HG 010	70-L-311	BLD	5	BLD	BLD	BLD	BLD	BLD	NEG	
HG 010A	70-L-312	BLD	5	BLD	5	BLD	BLD	BLD	NEG	
HG 011	70-L-313	2	10	BLD	BLD	5	BLD	BLD	NEG	
HG 011A	70-L-314	BLD	5	BLD	5	BLD	BLD	BLD	NEG	
HG 012	70-L-315	BLD	5	BLD	5	5	BLD	BLD	NEG	

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Louise King
for Chief Chemist

GEOCHEMICAL LABORATORY REPORT 897044

FIELD SHEET No.: 003078 PROJECT No.: EL.23/70 - HUNTER ISLAND

LAB. SHEET No.: 534/6 SAMPLE TYPE: ROCK DATE: 28th January, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	W ppm	Ultra ppm	Violet Examination
HG 012A	70-L-316	BLD	5	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HG 012B	70-L-317	BLD	5	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HG 013	70-L-318	BLD	5	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HG 014	70-L-319	2	5	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HG 015	70-L-320	BLD	5	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HG 016	70-L-321	2	5	BLD	5	BLD	BLD	BLD	BLD	NEG
HG 016A	70-L-322	BLD	5	BLD	15	BLD	BLD	BLD	BLD	NEG
HG 017	70-L-323	BLD	5	BLD	35	BLD	BLD	BLD	BLD	NEG
HG 018	70-L-324	BLD	BLD	BLD	BLD	5	BLD	BLD	BLD	NEG
HG 019	70-L-325	2	10	BLD	5	BLD	BLD	BLD	BLD	NEG
HG 020	70-L-326	BLD	5	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HG 021	70-L-327	BLD	10	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 87A	70-L-328	2	5	BLD	BLD	5	BLD	BLD	BLD	NEG
HR 88	70-L-329	BLD	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 89	70-L-330	2	5	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 90	70-L-331	BLD	5	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 91	70-L-332	BLD	BLD	BLD	BLD	BLD	BLD	BLD	BLD	NEG
HR 92	70-L-333	BLD	BLD	BLD	5	BLD	BLD	BLD	BLD	NEG
HR 93	70-L-334	2	5	BLD	10	BLD	BLD	BLD	BLD	NEG
HR 94	70-L-335	BLD	BLD	BLD	15	BLD	BLD	BLD	BLD	NEG

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

D. Longhney
for Chief Chemist

APPENDIX 3

SAND SAMPLING DETAILS

- A. Three Hummock Island
- B. Hunter Island
- C. Walker Island

A. THREE HUMMOCK ISLAND

Sample No.	Depth	Estimated HM %	Location
ATS 100 1	0 - 3'	< $\frac{1}{2}$ %	S.W.Dunes
ATS 100 2	3 - 6'	"	"
ATS 100 3	6 - 8'	"	"
ATS 100 5	0 - 1'	"	"
ATS 100 6	1 - 6'	"	"
ATS 100 7	6 - 9'	"	"
ATS 100 8	9 - 12'	"	"
ATS 101 1	0 - 6'	"	"
ATS 101 2	0 - 4'8	"	"
ATS 101 4	0 - 4'	"	"
ATS 101 8	0 - 11'6	"	"
ATS 102 1	0 - 4'6	"	"
ATS 102 6	0 - 2'6	"	"
ATS 102 9	0 - 7'	"	"
ATS 104 2	0 - 1'6	"	"
ATS 104 9	0 - 6'8	"	"
ATS 105 0	0 - 3'4	"	"
ATS 105 1	0 - 6'	"	"
ATS 105 2	6 - 12'	"	"
ATS 105 3	12 - 18'	"	"
ATS 105 4	0 - 3'	"	"

046

897047

B. HUNTER ISLAND

Sample No.	Auger Hole No.	Depth	Estimated HM %	Location
HB 001		0 - 6"	0.6%	Shepherds Beach
HB 002		0 - 6"	3.7%	Shepherds Beach
HB 003		Surface	0.17%	Black Slate Beach
HB 004A		Surface	< 1/2%	Big East Beach
HB 004		Surface	< 1/2%	Shepherds Beach
HB 005		Surface	"	"
HB 006		0 - 3'	"	"
HB 007		Surface	"	"
HB 008		Surface	"	"
HB 009		Surface	"	"
HB 010		Surface	"	Kerandrin Beach
HD 001	AH 1	0 - 3'	< 1/2%	Shepherds Bay
HD 002		3 - 7'	"	"
HD 003		7 - 10'	"	"
HD 004	AH 3	3 - 6'	"	3000' E on T7
HD 005	AH 7	7" - 3'	"	3750' W on T8
HD 006	AH 8	6" - 6'	"	"
HD 007		6 - 12'	"	"
HD 008	AH 9	0 - 3'	"	(Northern dunes,
HD 009		3 - 6'	"	(West of Shepherds Bay
HD 010			"	"
HD 011			"	"
HD 012	AH 10		"	"
HD 013			"	"
HD 014	AH 11	0 - 3'	"	"
HD 015		3 - 6'	"	"
HD 016		0 - 9'	"	"
HD 017		9 - 12'	"	"

047

897048

B. HUNTER ISLAND (Cont'd)

Sample No.	Auger Hole No.	Depth	Estimated HM%	Location
HD 018		12 - 15'	< 1/2%	Northern dunes,
HD 019		15 - 18'	"	West of Shepherds Bay
HD 020	AH 12	0 - 3'	"	"
HD 021		3 - 6'	"	"
HD 022		6 - 9'	"	"
HD 023		9 - 12'	"	"
HD 024		12 - 15'	"	"
HD 025		15 - 18'	"	"
HD 026	AH 13	0 - 3'	"	"
HD 027		3 - 6'	"	"
HD 028		6 - 9'	"	"
HD 029		9 - 12'	"	"
HD 030		12 - 15'	"	"
HD 031		15 - 18'	"	"
HD 032	AH 14	0 - 3'	"	"
HD 033		3 - 6'	"	"
HD 034		6 - 9'	"	"
HD 035		0 - 3'	"	0.2m N of North dunes
HD 036		0 - 1'	"	0.5m " " " "
HD 037	AH 15	0 - 3'	"	N. end of rookery
HD 038		3 - 6'	"	"
HD 039		6 - 9'	"	"
HD 040	AH 16	0 - 3'	"	E. of homestead
HD 041		3 - 6'	"	"
HD 042		6 - 8'	"	"
HD 043	AH 17	0 - 3'	"	(N.W. corner of homestead
HD 044		3 - 6'	"	(paddock
HD 045	AH 18	0 - 3'	"	0.15m S of AH 17
HD 046		3 - 5'	"	"

B. HUNTER ISLAND (Cont'd)

Sample No.	Auger Hole No.	Depth	Estimated HM%	Location
HD 047	AH 19	0 - 3'	< $\frac{1}{2}\%$	0.1 m S. of AH 18
HD 048		3 - 6'	"	"
HD 049	AH 20	0 - 3'	"	End of S. track
HD 050		3 - 7'	"	"
HD 051	AH 24	0 - 6'	"	At big S. gate
HD 052	AH 25	0 - 6'	"	0.3ml. S
HD 053		6 - 9'	"	"
HD 054	AH 27	0 - 6'	"	"
HD 055	AH 28	0 - 3'	"	"
HD 056		3 - 9'	"	"
HD 057	AH 29	0 - 3'	"	0.3 m S.S.W.
HD 058	AH 30	0 - 4'	"	0.3 m S.W.
HD 059		4 - 5'	"	0.3 m S.W.
HD 060	AH 31	0 - 4'	"	0.2 m S.W.
HD 061		4 - 9'	"	"
HD 062	AH 32	0 - 4'	"	Big blow area
HD 063	AH 33	0 - 6'	"	"
HD 064	AH 34	0 - 8'	"	"
HD 065		8 - 12'	"	"
HD 066	AH 35	0 - 6'	"	"
HD 067		6 - 9'	"	"
HD 068	AH 36	0 - 5'	"	"
HD 069	AH 37	0 - 6'	"	"
HD 070	AH 38	0 - 6'	"	"
HD 071	AH 39	0 - 9'	ca $\frac{3}{4}\%$	S. of Big blow
HD 072	AH 40	0 - 6'	< $\frac{1}{2}\%$	N.E. part of Big blow
HD 073		6 - 12'	"	"
HD 074		12 - 15'	"	"
HD 075	AH 41	0 - 9'	"	Central east of Big blow
HD 076	AH 42	0 - 6'	"	N.E. Big blow
HD 077		6 - 9'	"	"

049

B. HUNTER ISLAND (Cont'd)

Sample No.	Auger Hole No.	Depth	Estimated HM%	Location
HD 078	AH 43	0 - 5'	< $\frac{1}{2}$ %	N.E. Big blow
HD 079	AH 44	0 - 5'	"	"
HD 080	AH 45	0 - 5'	"	"
HD 081	AH 46	0 - 6'	"	"
HD 082		0 - 3'	"	Plateau behind Cave Bay
HD 083A		0 - 2'6"	"	"
HD 083B		0 - 3'	"	"
HD 084		0 - 1'	"	"
HD 085	AH 47	0 - 6'	"	Big E Beach
HD 086		6 - 12'	"	"
HD 087		12 - 18'	"	"
HD 088		0 - 6'	"	"
HD 089		6 - 12'	"	"
HD 090		12 - 18'	"	"
HD 091	AH 49	0 - 4'	"	S. of Big blow
HD 092	AH 50	0 - 3'	"	"
HD 093	AH 51	0 - 6'	"	"
HD 094		6 - 9'	"	"
HD 095	AH 52	0 - 6'	"	S. end of Big blow
HD 096	AH 53	0 - 6'	"	600' N. of Shepherds Bay
HD 097		6 - 12'	"	"
HD 098	AH 54	0 - 6'	"	300' W. of Shepherds Bay
HD 099	AH 55	0 - 5'6"	"	30' W. of Shepherds Bay

C. WALKER ISLAND

Sample No.	Depth	Estimated HM %	Location
WD 001	Surface	< $\frac{1}{2}$ %	E. beach dunes
WD 002	"	"	"
WB 001	"	ca $\frac{1}{2}$ %	Mosquito Channel
WB 002	"	"	"
WB 003	"	< $\frac{1}{2}$ %	"
WH 001	0 - 4'	"	
WH 002	0 - 5'	"	
WH 003	0 - 4'	"	
WH 004	0 - 4'	"	
WH 005	0 - 3'	"	
WH 006	0 - 6'	"	
WH 007	0 - 6'	"	
WH 008	0 - 6'	"	
WH 009	0 - 4'	"	
WH 010	0 - 3'	"	

APPENDIX 4

SAND ANALYSIS RESULTS

- A. THREE HUMMOCK ISLAND
- B. HUNTER ISLAND

052

Selected samples only were tested for heavy mineral content. The results listed refer to examinations of heavy mineral concentrates from panning and bromoform separation of natural samples.

The major part (80 - 90%) of the concentrates consisted of hornblende and quartz with minor tourmaline and ilmenite and generally trace to minor amounts of zircon. Rutile and monazite are present in some samples, generally in trace to minor amounts.

These values were determined by rapid microscopic examination and are an indication only of the economic minerals contained in samples. Values overall are poor.

A. THREE HUMMOCK ISLAND

053

ATB 001	Minor ilmenite Minor rutile and zircon.
ATB 016	12 - 15% ilmenite 7% zircon 2% rutile
ATB 016.5	15% ilmenite 5% zircon 8% monazite
ATB 016.8	15% ilmenite minor rutile
ATB 020	8% ilmenite 5% monazite minor zircon
ATB 021	minor ilmenite
ATB 023	minor zircon
ATS 1001	minor ilmenite
ATS 1002	10 - 15% ilmenite
ATS 1003	5% ilmenite
ATS 1005	minor ilmenite
ATS 1007	8% ilmenite 1% zircon
ATS 1008	5 - 10% ilmenite
ATS 1011	minor ilmenite
ATS 1012	minor ilmenite

ATS 1014	5% ilmenite minor zircon
ATS 1018	3% ilmenite minor zircon
ATS 1021	4% ilmenite minor zircon
ATS 1026	8% ilmenite minor zircon
ATS 1029	minor ilmenite
ATS 1049	3% ilmenite minor zircon
ATS 1050	6% ilmenite
ATS 1051	3 - 5% ilmenite
ATS 1052	5% ilmenite minor zircon and rutile
ATS 1053	5% ilmenite 2% zircon minor rutile and monazite
ATS 1054	insufficient sample
ATS 1055	insufficient sample

B. HUNTER ISLAND

HB 001	8 - 10% ilmenite minor zircon and rutile
HB 003	10 - 15% ilmenite <5% zircon
HB 004	insufficient sample
HB 005	insufficient sample
HB 006	50% ilmenite <5% zircon
HB 007	<20% ilmenite
HB 008	<10% ilmenite ≈5% zircon
HB 009	10% ilmenite 5% zircon
HD 007	≈40% ilmenite ≈4% zircon minor rutile
HD 016	<10% ilmenite <10% zircon
HD 017	5% ilmenite 5% zircon
HD 019	5% ilmenite <5% zircon minor rutile

B. HUNTER ISLAND (Cont'd)

HD 020	10% ilmenite minor zircon
HD 021	20% ilmenite 10% zircon minor garnet and rutile
HD 022	5 - 10% ilmenite 5 - 10% zircon minor monazite
HD 024	8% ilmenite 4% zircon
HD 031	8 - 10% ilmenite 8% zircon
HD 032	55% ilmenite 6 - 8% zircon minor rutile
HD 033	15% ilmenite 5% zircon
HD 036	<5% ilmenite minor zircon and rutile
HD 038	15% ilmenite minor zircon and rutile
HD 039	8 - 10% ilmenite minor zircon and rutile
HD 047	<5% ilmenite ≈ 10% zircon <1% rutile

058

897058

B. HUNTER ISLAND (Cont'd)

HD 048

≈ 5% ilmenite

≈ 20% zircon

minor rutile and monazite

GEOCHEMICAL LABORATORY REPORT 897059

061

FIELD SHEET No.: 003074 PROJECT No.: EL. 23/70 - HUNTER ISLAND

LAB. SHEET No.: 413/1 A SAMPLE TYPE: DUNE SAND DATE: 28th October, 1970

SAMPLE No.	LAB. No.	H.M. %	D.W. gms.	Depth	Estimated Hm %	Locn.	
H.D.007	70-K-1395	2.2	4.83	6'-12'	<0.5%	AH8	Shepherds Bay
H.D.016	70-K-1396	3.5	5.80	6'-9'	"	AH11	W. of Shepherds Bay
H.D.017	70-K-1397	2.3	2.87	9'-12'	"	"	"
H.D.019	70-K-1398	3.8	3.57	15'-18'	"	"	"
H.D.027	70-K-1399	9.6	3.42	3'-6'	"	AH13	"
H.D.031	70-K-1400	5.8	2.54	15'-18'	"	"	"
H.D.032	70-K-1401	4.1	5.74	0-3'	"	AH14	"
H.D.033	70-K-1402	4.8	2.61	3'-6'	"	"	"
H.D.036	70-K-1403	13.4	5.37	0-1'	"	1/2 mi. N. of Nth dunes.	
H.D.039	70-K-1404	5.1	4.66	6'-9'	"	AH15	
H.D.020	70-K-1405	3.5	2.91	0-3'	"	AH12	W. of Shepherds Bay
H.D.022	70-K-1406	5.6	2.59	6'-9'	"	"	"
H.D.024	70-K-1407	6.9	2.45	12'-15'	"	"	"
H.D.038	70-K-1408	5.4	4.89	3'-6'	"	AH15	

Samples recovered by augering.
Samples field - concentrated by panning.

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

HM = Heavy Mineral Determination by Bromoform Separation

DW = Dry Weight of Sample

Chief Chemist

Ray W. Zerkow

GEOCHEMICAL LABORATORY REPORT 897060

THREE HUMMOCK

FIELD SHEET No.: 003065 PROJECT No.: EL. 23/70 - ~~HUMMOCK~~ ISLAND

LAB. SHEET No.: 443/2 A SAMPLE TYPE: DUNE SAND (ATS) DATE: 28th October, 1970

BEACH SAND (ATB)

SAMPLE No.	LAB. No.	HM %	Depth Range	Limit			
ATB 001	70-J-1552	0.25					
ATB 016	70-J-1553	1.07					
ATB 016.5	70-J-1554	0.13					
ATB 016.8	70-J-1555	26.61					
ATB 020	70-J-1556	0.25					
ATB 021	70-J-1557	1.41					
ATB 023	70-J-1558	0.33					
ATS 1001	70-J-1559	0.37	0-3'				
ATS 1002	70-J-1560	0.82	3'-6'				
ATS 1003	70-J-1561	0.31	6'-8'	WT			
ATS 1005	70-J-1562	0.21	0-1'				
ATS 1007	70-J-1563	0.29	6'-9'				
ATS 1008	70-J-1564	0.18	9-12'	WT			
ATS 1011	70-J-1565	0.31	0-6'	B/R			
ATS 1012	70-J-1566	0.25	0-4 1/2"				
ATS 1014	70-J-1567	0.14	0-4"	WT			
ATS 1018	70-J-1568	0.12	0-11 1/2"	WT			
ATS 1021	70-J-1569	0.12	0-4 1/2"	WT			
ATS 1026	70-J-1570	0.38	0-2 1/2"	WT			
ATS 1029	70-J-1571	0.08	0-7'	WT			
ATS 1042	70-J-1572	0.10	0-1 1/2"	WT			
ATS 1049	70-J-1573	0.97	0-6 1/2"	WT			
ATS 1050	70-J-1574	0.12	0-3 1/4"	WT			
ATS 1051	70-J-1575	0.47	0-6'				
ATS 1052	70-J-1576	0.37	6-12'				
ATS 1053	70-J-1577	0.26	12-19'	Rods			
ATS 1054	70-J-1578	0.16	0-3'	WT			
Samples recovered by augering							

AUGERED

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Ray W. Zeeb

Chief Chemist

GEOCHEMICAL LABORATORY REPORT

059

FIELD SHEET No.: 003075 PROJECT No.: EL.23/70 HUNTER ISLAND

897061

LAB. SHEET No.: 443/3 A SAMPLE TYPE: BEACH SAND DATE: 28th October, 1970

SAMPLE No.	LAB. No.	H.M. %	D.W. gms	Depth	Posn.	Estimated Hm %	Locn.
H.B.001	70-K-1424	42.9	39.82	0-6"	HWM	0.6%	Shepherds Beach
H.B.002	70-K-1425	97.9	106.85	0-6"	HWM	3.7%	" "
H.B.003	70-K-1426	87.9	6.55	surf.	HWM	0.17%	Black Lake Beach

METHODS:



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Chief Chemist

Ray W. M. [Signature]

GEOCHEMICAL LABORATORY REPORT

897062

FIELD SHEET No.: 003076/7 PROJECT No.: EL.23/70 - HUNTER ISLAND

LAB. SHEET No.: 511/3 SAMPLE TYPE: STREAM SED. DATE: 16th December, 1970.
SOIL PROF./DUNE SAND, BEACH SAND

SAMPLE No.	LAB. No.	D.W. gms.	H.M. %	Depth	Posn.	Estimated Hm %	Locn.	
H.D. 047	70-L-221	2.26	34.6	0-3'		<0.5%	AH 19	
H.D. 048	70-L-222	1.76	45.6	3'-6'		"	"	
Samples recovered by augering Samples field - concentrated by				panning				
H.B. 004	70-L-280	1149.72	50.2	Surf.	HWM	<0.5%	Shepherds Beach	00'
H.B. 005	70-L-281	361.92	68.1	Surf.	HWM	"	"	150'
H.B. 006	70-L-282	40.73	68.1	0-3'	HWM	"	"	300'
H.B. 007	70-L-283	38.21	65.0	Surf.	HWM	"	"	450'
H.B. 008	70-L-284	44.0	52.3	Surf.	HWM	"	"	600'
H.B. 009	70-L-285	52.46	52.1	Surf.	HWM	"	"	750'
Samples				field - concentrated by				
				panning.				

METHODS:

This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

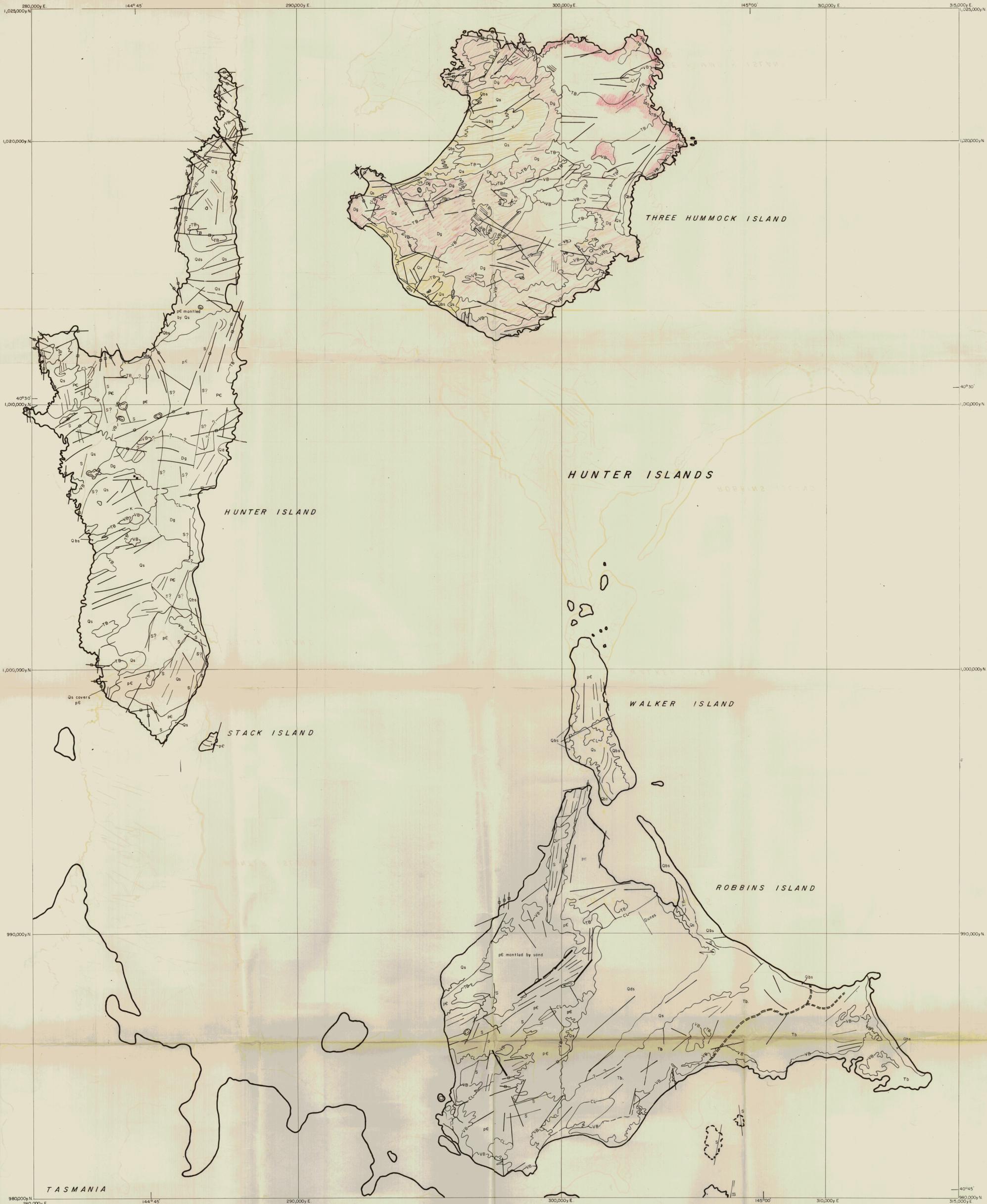
D.W. = Oven Dry Weight in Grams.

Heavy Mineral Determination by Bromoform Separation



Chief Chemist

Ray W. Zerkow



LEGEND

- | | | | | |
|--------------|-----|------------------|------|--|
| QUATERNARY | Qs | Sand | -VB- | Vegetation break |
| | Qbs | Beach Sand | -TB- | Topographic break |
| | Qds | Dune Sand | -CL- | Change of Lithology |
| TERTIARY | Tb | Basalt | -K- | Key Horizon |
| DEVONIAN | Dg | Granite | -F- | Fracture or Joint |
| PRE-CAMBRIAN | pe | Undifferentiated | -DL- | Distinctive Lineation |
| | | | -S- | Strike direction |
| | | | -T- | Trend lines |
| | | | -I- | Identifies isolated segment with labelled area |
| | | | -TR- | Track |
- - - Fault, dashed where indefinite
 - - - Contact, dashed where indefinite, questioned where inferred

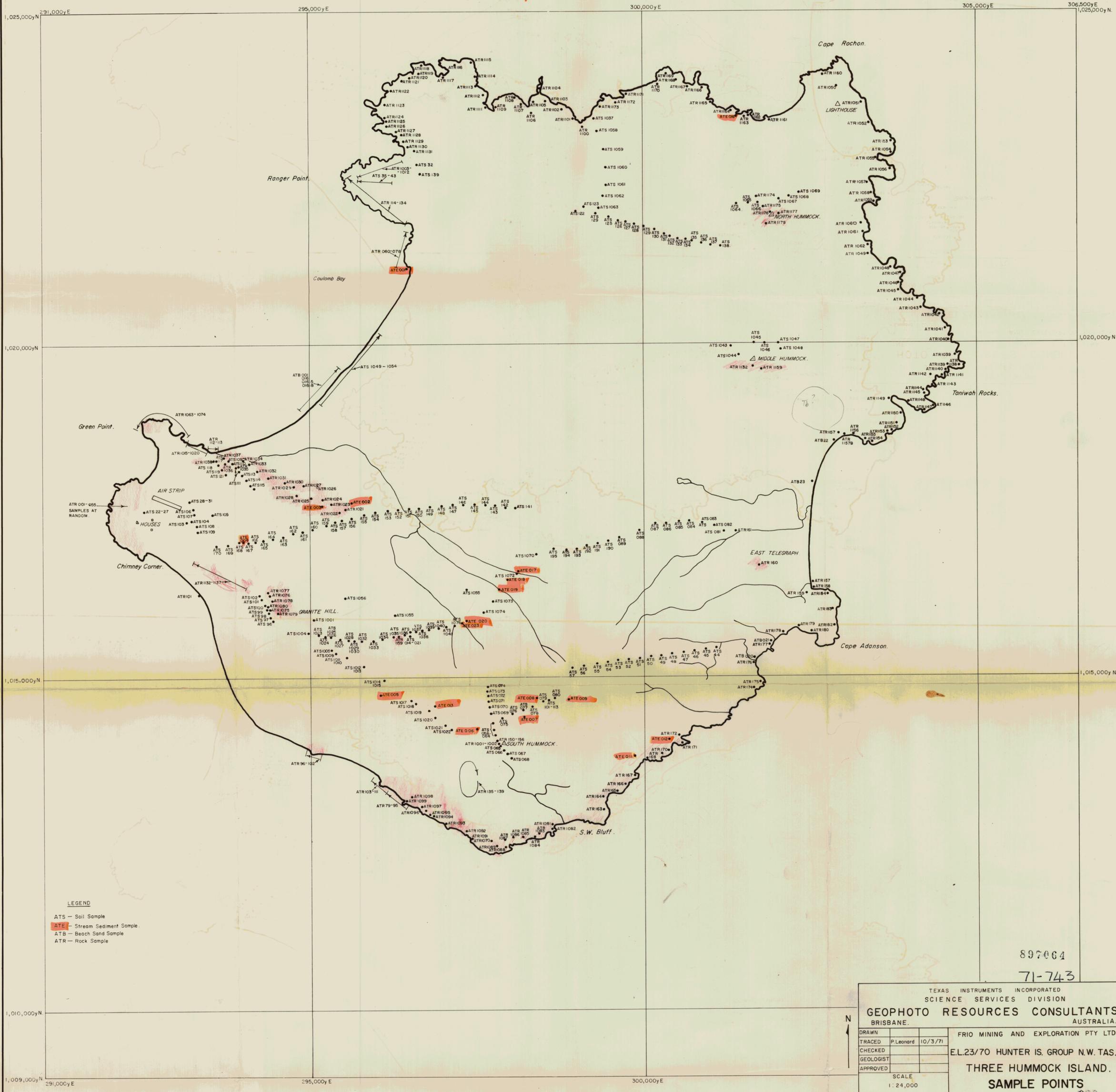
897063

Encl 1



71-743

TEXAS INSTRUMENTS INCORPORATED SCIENCE SERVICES DIVISION	
GEOPHOTO RESOURCES CONSULTANTS BRISBANE, AUSTRALIA	
DRAWN	FRIC MINING AND EXPLORATION PTY LTD.
CHECKED	E.L. 23/70 HUNTER IS. GROUP N. W. TAS.
GEOLOGIST	
APPROVED	
SCALE 1 : 50,000	
REVISIONS	
PROJECT	23/70
DRAWING NO.	2/600



897064
71-743

TEXAS INSTRUMENTS INCORPORATED SCIENCE SERVICES DIVISION	
GEOPHOTO RESOURCES CONSULTANTS BRISBANE, AUSTRALIA	
DRAWN	FRIO MINING AND EXPLORATION PTY LTD.
CHECKED P. Leonard 10/3/71	E.L.23/70 HUNTER IS. GROUP N.W. TAS.
GEOLOGIST	THREE HUMMOCK ISLAND.
APPROVED	SAMPLE POINTS
SCALE 1:24,000	
REVISIONS	Encl 2 063
PROJECT 23/70	DRAWING NO. 2/601

1,024,000y N 279,000y E 280,000y E 285,000y E 290,000y E 291,000y E

1,020,000y N 1,024,000y N

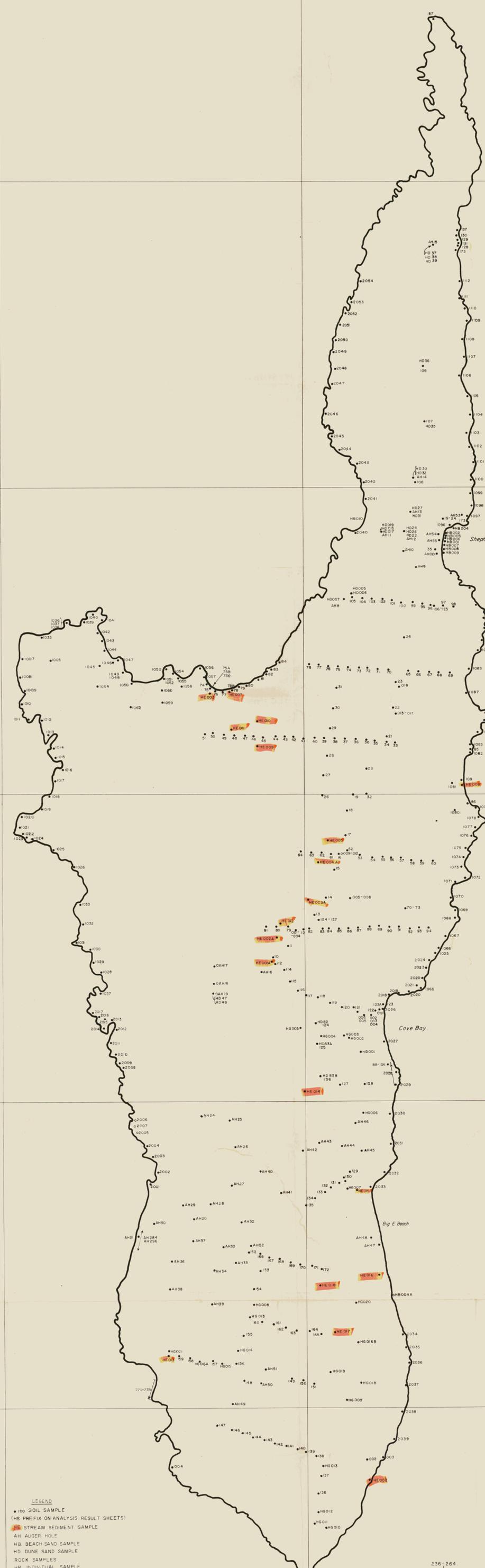
1,015,000y N

1,010,000y N

1,005,000y N

1,000,000y N

996,500y N 279,000y E 280,000y E 285,000y E



LEGEND

- 100 SOIL SAMPLE (HS PREFIX ON ANALYSIS RESULT SHEETS)
- HE STREAM SEDIMENT SAMPLE
- AH AUGER HOLE
- HB BEACH SAND SAMPLE
- HD DUNE SAND SAMPLE
- ROCK SAMPLES
- HR INDIVIDUAL SAMPLE
- HG GROUP SAMPLES

397005 71-743

PENGUIN ISLAND 202-235 →

236-264

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HUNTER ISLAND.		SAMPLE POINTS	
SCALE 1:24,000		End 3	
PROJECT 23/70		DRAWING NO 2/602.	

2/602.