



Australian Laboratory Services Pty. Ltd.

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Accreditation No: 825, Corporate Site No: 818.

CERTIFICATE BR18063829

Project: Exploration

This report is for 218 Soil samples submitted to our lab in Burnie, TAS, Australia on 23-MAR-2018.

The following have access to data associated with this certificate:

SEAN WESTBROOK

KENT WIGHTON

To: KINGFISHER EXPLORATION PTY LTD
ATTN: SEAN WESTBROOK
15 RICHARDS AVE
DODGES FERRY TAS 7173

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

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Plus Appendix Pages

Finalized Date: 16-APR-2018

This copy reported on 30-APR-2018

Account: KINEXP

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LEV-01	Waste Disposal Levy
CRU-21	Crush entire sample >70% -6 mm
TRA-21	Transfer sample
PUL-32	Pulverize 1000g to 85% < 75 um
SPL-21	Split sample - riffle splitter

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS62s	Up to 54 elements by ICP-MS	ICP-MS

Signature:

Shaun Kenny, Brisbane Laboratory Manager



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CERTIFICATE OF ANALYSIS BR18063829

Sample Description	Method Analyte Units LOR	WEI-21	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s
		Recvd Wt.	As	Bi	Sb	Te
		kg	ppm	ppm	ppm	ppm
		0.02	0.2	0.01	0.05	0.05
GS1261		2.16	2.4	0.34	0.34	<0.05
GS1262		1.82	6.2	0.55	0.29	<0.05
GS1263		2.62	10.3	0.22	0.24	<0.05
GS1264		2.88	5.5	0.66	0.52	<0.05
GS1265		1.93	7.9	0.60	0.54	<0.05
GS1266		1.99	6.5	0.15	0.30	<0.05
GS1267		1.63	1.1	0.18	0.18	<0.05
GS1268		1.77	7.1	0.40	0.34	<0.05
GS1269		1.98	5.1	0.24	0.33	<0.05
GS1270		1.77	4.5	0.19	0.31	<0.05
GS1271		2.10	4.9	0.24	0.50	<0.05
GS1272		2.17	8.5	0.27	0.35	<0.05
GS1273		2.10	6.5	0.14	0.23	<0.05
GS1274		2.37	2.8	0.18	0.36	<0.05
GS1275		2.06	6.3	0.22	0.29	<0.05
GS1276		1.89	2.6	0.14	0.25	<0.05
GS1277		3.14	8.3	0.16	0.43	<0.05
GS1278		2.96	7.5	0.08	0.41	<0.05
GS1279		2.14	2.8	0.12	0.43	0.06
GS1280		2.41	5.5	0.33	0.65	<0.05
GS1281		2.18	7.8	0.11	0.25	<0.05
GS1282		2.06	13.2	0.25	0.49	<0.05
GS1283		2.30	5.6	0.16	0.46	<0.05
GS1284		2.53	18.6	0.65	0.39	<0.05
GS1285		2.30	2.3	0.17	0.33	<0.05
GS1286		3.07	35.9	0.31	0.87	<0.05
GS1287		2.14	8.4	0.17	0.24	<0.05
GS1288		2.60	65.0	0.08	0.15	<0.05
GS1289		2.22	38.6	0.18	0.40	<0.05
GS1290		1.64	6.7	0.14	0.33	<0.05
GS1291		2.49	3.7	0.05	0.17	<0.05
GS1292		2.06	1.0	0.07	0.16	<0.05
GS1293		1.84	7.1	0.08	0.15	<0.05
GS1294		2.70	14.7	0.19	0.32	<0.05
GS1295		1.41	6.2	0.21	0.18	<0.05
GS1296		2.74	25.2	0.20	0.23	<0.05
GS1297		2.35	12.4	0.09	0.13	<0.05
GS1298		2.51	14.6	0.50	0.26	<0.05
GS1299		2.38	4.2	0.44	0.24	<0.05
GS1300		2.31	7.5	0.38	0.40	<0.05



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CERTIFICATE OF ANALYSIS BR18063829

Sample Description	Method Analyte Units LOR	WEI-21	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s
		Recvd Wt.	As	Bi	Sb	Te
		kg	ppm	ppm	ppm	ppm
		0.02	0.2	0.01	0.05	0.05
GS1301		3.48	4.4	0.58	0.27	0.09
GS1302		2.60	16.0	0.76	0.51	0.05
GS1303		2.01	11.7	0.75	0.39	<0.05
GS1304		2.16	10.1	0.54	0.47	<0.05
GS1305		2.58	5.6	0.16	0.34	<0.05
GS1306		2.25	6.0	0.25	0.24	<0.05
GS1307		2.25	6.8	0.26	0.36	<0.05
GS1308		2.44	10.8	0.19	0.42	<0.05
GS1309		1.67	8.6	0.17	0.35	<0.05
GS1310		2.82	7.5	0.13	0.33	<0.05
GS1311		2.21	6.6	0.17	0.24	<0.05
GS1312		2.11	5.3	0.43	0.26	<0.05
GS1313		2.69	4.7	0.57	0.26	<0.05
GS1314		3.16	4.1	0.29	0.15	<0.05
GS1315		2.94	22.8	0.29	1.05	0.05
GS1316		2.20	3.6	0.13	0.35	<0.05
GS1317		1.80	4.1	0.17	0.43	<0.05
GS1318		2.50	4.8	0.27	0.37	<0.05
GS1319		1.88	11.7	0.46	0.61	<0.05
GS1320		1.86	0.4	0.04	0.12	<0.05
GS1321		2.02	1.0	0.03	0.10	<0.05
GS1322		1.56	0.7	0.06	0.09	<0.05
GS1323		1.65	1.0	0.07	0.09	<0.05
GS1324		1.76	0.7	0.02	0.12	<0.05
GS1325		2.01	1.7	0.06	0.30	<0.05
GS1326		1.78	7.0	0.03	0.14	<0.05
GS1327		1.81	11.3	0.14	0.25	<0.05
GS1328		3.20	0.7	0.04	0.33	<0.05
GS1329		1.54	0.8	0.03	0.18	<0.05
GS1330		1.49	2.8	0.06	0.13	<0.05
GS1331		2.42	11.0	0.12	0.12	<0.05
GS1332		2.51	6.9	0.26	0.44	<0.05
GS1333		2.81	5.3	0.36	0.38	<0.05
GS1334		1.87	40.9	0.48	1.07	<0.05
GS1335		2.05	6.7	0.39	0.64	<0.05
GS1336		1.97	6.0	0.38	0.64	<0.05
GS1337		1.87	14.2	0.39	0.65	<0.05
GS1338		1.74	8.7	0.35	0.66	<0.05
GS1339		1.76	5.0	0.34	0.59	<0.05
GS1340		1.80	7.7	0.30	0.55	<0.05



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		Recvd Wt.	As	Bi	Sb	Te
		kg	ppm	ppm	ppm	ppm
		0.02	0.2	0.01	0.05	0.05
GS1341		2.15	6.2	0.17	0.51	<0.05
GS1342		2.01	5.9	0.24	0.62	<0.05
GS1343		1.53	7.8	0.22	0.27	<0.05
GS1344		2.20	12.4	0.37	0.49	0.05
GS1345		2.05	10.1	0.44	0.73	0.05
GS1346		2.70	27.8	0.36	0.42	<0.05
GS1347		1.67	13.2	0.43	0.39	<0.05
GS1348		1.95	1.2	0.03	0.10	<0.05
GS1349		1.60	1.2	0.06	0.46	<0.05
GS1350		1.69	1.1	0.03	0.11	<0.05
GS1351		1.92	2.9	0.12	0.42	<0.05
GS1352		1.51	1.2	0.03	0.11	<0.05
GS1353		2.16	2.3	0.05	0.11	<0.05
GS1354		1.92	1.9	0.05	0.11	<0.05
GS1355		1.55	2.3	0.12	0.11	<0.05
GS1356		1.97	64.9	0.67	0.61	<0.05
GS1357		2.08	14.9	0.08	0.49	<0.05
GS1358		2.51	32.9	0.13	0.55	<0.05
GS1359		2.29	44.0	0.58	0.80	<0.05
GS1360		2.07	148.0	0.62	1.04	<0.05
GS1361		2.22	262	0.76	7.25	0.08
GS1362		2.51	213	0.97	2.77	<0.05
GS1363		2.55	132.0	0.49	2.51	0.07
GS1364		3.66	15.8	0.69	0.45	<0.05
GS1365		2.66	25.8	0.50	0.38	<0.05
GS1366		3.65	23.3	0.14	0.35	<0.05
GS1367		2.11	4.0	0.24	0.42	<0.05
GS1368		2.79	26.5	0.21	0.34	<0.05
GS1369		3.57	18.4	0.18	0.30	<0.05
GS1370		2.60	8.6	0.17	0.28	<0.05
GS1371		1.71	4.2	0.19	0.27	<0.05
GS1372		1.90	4.7	0.04	0.14	0.05
GS1373		1.90	5.0	0.04	0.13	<0.05
GS1374		2.06	5.3	0.41	3.84	0.07
GS1375		2.32	4.5	0.02	0.10	0.09
GS1376		2.33	6.5	0.15	0.35	0.06
GS1377		2.45	4.1	0.06	0.17	0.07
GS1378		1.76	3.4	0.05	0.11	0.07
GS1379		1.36	2.9	0.05	0.09	0.07
GS1380		1.88	1.9	0.02	0.06	0.09



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Sample Description	Method Analyte Units LOR	WEI-21	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s
		Recvd Wt.	As	Bi	Sb	Te
		kg	ppm	ppm	ppm	ppm
		0.02	0.2	0.01	0.05	0.05
GS1381		2.23	2.7	0.04	0.09	0.06
GS1382		1.87	2.4	0.02	0.06	0.08
GS1383		1.68	3.3	0.04	0.08	0.06
GS1384		2.19	2.4	0.03	0.07	0.06
GS1385		2.28	9.6	0.18	1.03	0.10
GS1386		2.12	6.2	0.27	1.75	0.05
GS1387		2.23	17.2	0.53	4.94	<0.05
GS1388		2.12	6.7	0.27	2.12	<0.05
GS1389		2.48	0.9	0.06	1.80	<0.05
GS1390		2.60	6.0	0.04	0.28	<0.05
GS1391		2.21	9.9	0.21	3.60	<0.05
GS1392		2.28	19.3	0.03	0.23	<0.05
GS1393		2.14	2.5	0.04	0.15	<0.05
GS1394		1.98	2.1	0.02	0.06	<0.05
GS1395		2.14	2.9	0.18	3.30	<0.05
GS1396		1.74	18.7	0.07	0.38	<0.05
GS1397		2.43	5.1	0.11	0.30	<0.05
GS1398		2.48	15.2	0.23	0.93	<0.05
GS1399		2.05	6.5	0.20	1.10	<0.05
GS1400		2.37	9.4	0.16	0.90	0.05
GS1401		2.18	9.3	0.22	1.34	<0.05
GS1402		2.40	23.4	0.37	1.61	<0.05
GS1403		1.88	12.9	0.46	1.17	<0.05
GS1404		2.04	11.2	0.28	2.38	<0.05
GS1405		2.36	3.8	0.40	1.96	<0.05
GS1406		2.73	8.9	0.44	2.44	<0.05
GS1407		1.83	3.7	0.25	2.44	<0.05
GS1408		2.09	2.8	0.15	3.24	<0.05
GS1409		1.64	1.4	0.01	0.06	<0.05
GS1410		1.82	1.9	0.01	0.06	<0.05
GS1411		1.74	2.4	0.01	<0.05	<0.05
GS1412		1.29	5.3	0.05	0.12	<0.05
GS1413		1.81	1.5	0.01	<0.05	<0.05
GS1414		1.45	1.6	0.03	0.06	<0.05
GS1415		2.13	1.8	0.01	<0.05	<0.05
GS1416		1.45	1.7	0.02	0.08	<0.05
GS1417		2.00	10.8	0.02	0.05	<0.05
GS1418		1.64	2.8	0.02	0.07	<0.05
GS1419		1.86	8.9	0.03	0.10	<0.05
GS1420		1.68	10.8	0.06	0.18	<0.05



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Sample Description	Method Analyte Units LOR	WEI-21	ME-MS62s	ME-MS62s	ME-MS62s	ME-MS62s
		Recvd Wt.	As	Bi	Sb	Te
		kg	ppm	ppm	ppm	ppm
		0.02	0.2	0.01	0.05	0.05
GS1421		1.57	14.0	0.09	0.28	<0.05
GS1422		1.76	3.1	0.04	0.08	0.08
GS1423		2.04	1.2	0.01	<0.05	0.06
GS1424		1.76	4.3	0.05	0.10	0.07
GS1425		1.83	16.6	0.55	0.59	0.13
GS1426		1.96	24.2	0.73	0.44	0.12
GS1427		2.25	15.4	0.70	0.55	0.17
GS1428		2.28	20.9	0.74	0.67	0.14
GS1429		3.16	68.8	1.36	0.86	0.36
GS1430		1.65	19.0	0.83	0.75	0.08
GS1431		2.32	11.9	0.71	0.65	0.15
GS1432		1.77	9.9	0.77	0.28	0.06
GS1433		2.77	19.0	6.81	0.58	0.27
GS1434		2.36	12.8	0.76	0.46	0.17
GS1435		3.25	19.2	0.93	0.68	0.15
GS1436		1.97	8.6	0.58	0.42	0.06
GS1437		1.86	4.8	0.43	0.35	<0.05
GS1438		2.01	2.1	0.30	0.29	<0.05
GS1439		2.06	7.9	0.31	0.37	<0.05
GS1440		2.24	13.0	0.39	0.39	0.06
GS1441		2.24	6.3	0.21	0.31	<0.05
GS1442		1.83	8.0	0.33	0.38	<0.05
GS1443		1.96	14.2	0.34	0.32	0.05
GS1444		1.89	2.0	0.57	0.30	0.08
GS1445		1.84	9.8	0.31	0.43	<0.05
GS1446		2.02	9.4	0.35	0.55	<0.05
GS1447		2.04	6.2	0.23	0.52	<0.05
GS1448		1.65	11.7	0.35	0.70	<0.05
GS1449		1.97	4.5	0.14	0.31	<0.05
GS1450		1.97	2.8	0.12	0.29	<0.05
GS1451		2.03	4.3	0.14	0.33	<0.05
GS1452		1.78	15.2	0.32	0.31	0.08
GS1453		1.68	9.5	0.41	0.63	0.06
GS1454		2.07	4.1	0.91	0.48	0.12
GS1455		2.03	3.2	0.22	0.52	<0.05
GS1456		1.57	10.1	0.43	0.74	0.05
GS1457		1.78	40.9	0.74	2.39	0.24
GS1458		1.65	34.0	0.53	2.53	0.07
GS1459		1.60	48.3	0.28	2.26	0.10
GS1460		2.79	40.7	0.61	2.65	0.18



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		Recvd Wt.	As	Bi	Sb	Te
		kg	ppm	ppm	ppm	ppm
		0.02	0.2	0.01	0.05	0.05
GS1461		2.39	21.2	0.68	2.96	0.21
GS1462		2.33	14.1	0.80	3.12	0.22
GS1463		2.23	12.7	0.45	1.99	0.11
GS1464		1.61	59.9	0.26	2.73	0.09
GS1465		2.18	21.5	0.71	2.75	0.15
GS1466		2.20	76.3	1.06	3.00	0.17
GS1467		2.00	6.3	0.52	1.54	0.06
GS1468		2.28	18.6	0.33	1.81	0.06
GS1469		2.24	20.0	0.43	1.49	0.11
GS1470		2.43	7.7	0.25	0.88	<0.05
GS1471		2.46	5.2	0.29	1.38	<0.05
GS1472		2.41	5.3	0.39	1.31	0.05
GS1473		1.91	7.8	0.45	1.34	0.06
GS1474		1.91	12.2	0.33	1.30	<0.05
GS1475		1.86	3.8	0.35	1.04	<0.05
GS1476		2.42	3.0	0.30	0.52	<0.05
GS1477		2.16	3.3	0.37	0.77	<0.05
GS1478		1.94	16.4	0.39	1.53	<0.05



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CERTIFICATE COMMENTS

ACCREDITATION COMMENTS

Applies to Method:

NATA Accreditation covers the performance of this service but does not cover the performance of ALS Brisbane Sample Preparation. Corporate Accreditation No: 825, Corporate Site No: 818. The Technical Signatory is David Jones, ICPMS Supervising Chemist
ME-MS62s

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Brisbane located at 32 Shand Street, Stafford, Brisbane, QLD, Australia. Processed at ALS Brisbane Sample Preparation at 116 Delta Street, Geebung, QLD 4034, Australia

CRU-21	LEV-01	LOG-22	ME-MS62s
PUL-32	SPL-21	TRA-21	WEI-21