ASX ANNOUNCEMENT
Exploration Update – Tanga South Tajiri

12 December 2017

STRANDLINE
resources limited

Outstanding drill results establish Tajiri as a high-grade mineral sands province with scale

Tajiri T1-T4 assays confirm significant extensions to existing Mineral Resources' Plus, new large, high-grade discoveries at previously untested areas highlight further upside

HIGHLIGHTS

- **Assay results from air-core drilling confirm high-grade extensions to known resources and reveal new discoveries along the Tajiri Heavy Mineral Sands (HMS) corridor**
- **Latest Tajiri T1-T4 drill results will form part of the Mineral Resource update currently underway. Significant T1-T4 results include:**
  - **T1 - 9m@ 4.6% THM from surface and 4.5m @ 6.2% THM from surface**
  - **T2 – 6m @ 9.4% THM from 3m and 9m @ 5% THM from surface**
  - **T3 – 15m @ 6.8% THM from surface and 9m @ 7.1% THM from surface**
  - **T4 – 7.5m @ 9.2% THM from surface and 6m @ 7.5% THM from surface**
- **Drilling of previously untested areas along the Tajiri HMS corridor has discovered new thick high-grade mineralised zones, including a channel style deposit running adjacent to T3 and T4 zones:**
  - **17TNAC1622 – 39m @ 4.4% THM from surface**
  - **17THAC1625 – 42m @ 4.4% THM from surface including 31.5m @ 5.0% THM from 10.5m**
  - **17THAC1626 – 42m @ 4.4% THM from surface including 30m @ 5.4% THM from 12m**
  - **17TNAC1627 – 42m @ 3.6% THM from surface including 15m @ 6.1% THM from 27m**
- **Tajiri, located south of the port city of Tanga, already hosts a sizeable Indicated Mineral Resource of 59Mt at 3.7% THM comprising a high-value titanium-dominated assemblage**
- **Tajiri Resource update expected to confirm critical mass and set robust parameters for feasibility evaluation, with the plan to define Tajiri as a large-scale project development**
- **"These latest results show Tajiri is emerging as a game-changer for Strandline. As the next project in our pipeline behind Fungoni, Tajiri has immense potential to create substantial value for shareholders." – Strandline MD Luke Graham**

Strandline Resources (ASX: STA) is pleased to announce outstanding high-grade Total Heavy Mineral (THM) assays from its 100%-owned Tajiri mineral sands deposits near the port city of Tanga in northern Tanzania (Figures 1 & 2).

Air-core drilling across the priority Tajiri T1-T4 targets highlight the strong potential to significantly increase Tajiri's existing Indicated Mineral Resource of 59Mt at 3.7 % THM (refer ASX announcement 23 August 2017). These results will form part of the new Mineral Resource estimate scheduled for completion early next quarter.

Tajiri's existing Resources comprise a high value assemblage of 87% valuable mineral, which includes 10% Rutile, 5% Zircon, 4% Leucoxene and 68% Ilmenite.

Importantly, a combination of air-core and auger drilling has successfully discovered new, high grade areas along the Tajiri HMS corridor that should continue to expand Mineral Resources over time. This includes a thick channel-style deposit running adjacent to the existing T3 and T4 mineralised zones.

Strandline Managing Director Luke Graham said: "These latest results show Tajiri is emerging as a game-changer for Strandline. As the next project in our pipeline behind Fungoni, Tajiri has immense potential to create substantial value for shareholders.

"The results confirm another highly successful infill and extension drill programme at Tajiri, with high grade intersections identified at each target area (T1-T4), confirming the strong potential for increases to existing Mineral Resources.

"Perhaps most important of all, recent drilling has also discovered exciting new areas of mineralisation at Tajiri that remain open at depth and along strike (including a thick channel-style deposit), showing potential to change the whole scope and scale of the project.

"Strandline considers the Tajiri tenement to host a globally significant HMS project and looks forward to advancing feasibility study evaluations."

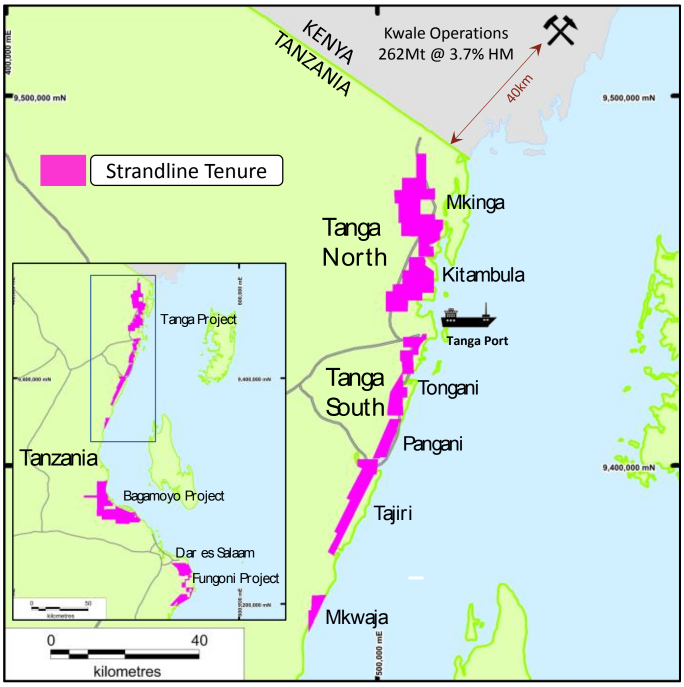

Figure 1 Strandline holds a strategic tenement package located along 350 km of the Tanzanian coastline

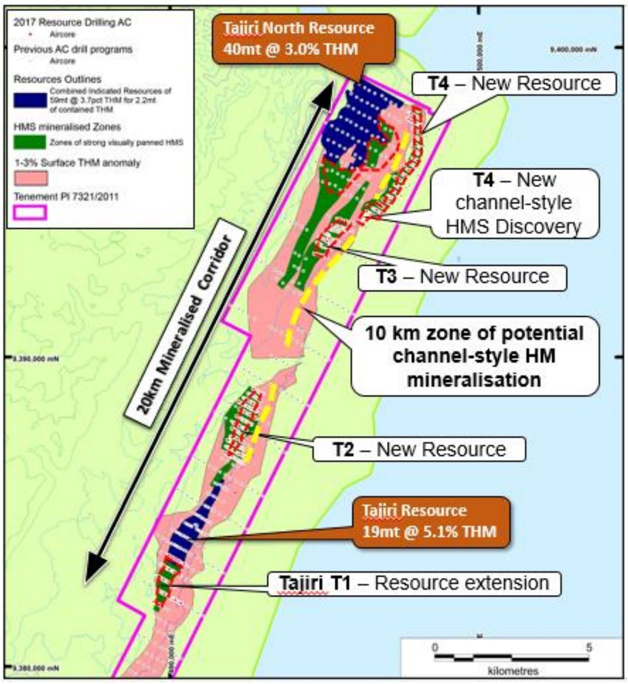

Figure 2 Tanga South Tajiri Tenement showing T1-T4 HMS zones and the newly discovered channel-style deposit

SUMMARY OF SIGNFICANT TAJIRI T1-T4 RESULTS

Air-core drilling across the priority targets at Tajiri confirms continuity of high grade mineralisation at each area (T1-T4) and the strong potential to increase Tajiri's existing Mineral Resources of 59Mt at 3.7 % THM.

Tajiri T1 Resource Extension

The T1 mineralisation which begins at surface, with thickness ranging from 6 to 15 meters, has extended the Tajiri Mineral Resources a further 1600m to the south. Overall the zone of mineralisation is 200 to 500m wide with a higher grade western and eastern strand. The extension drilling has shown good continuity with the main Tajiri Mineral Resource that comprises 19mt @ 5.1% THM and a Mineral Resources update is underway.

Anomalous down hole drill results include:

- 17TJAC1272 - 4.5m @ 6.2% THM from surface
- 17TJAC1279 – 15m @ 3.7% THM from surface
- 17TJAC1298 – 9m @ 4.6% THM from surface
- 17TJAC1317 – 10.5m @ 3.3% THM from surface

Tajiri T2 Deposit

The T2 anomaly starts at surface, is located to the north of the Tajiri Mineral Resource and is 2000m long and up to 800m wide overlapping a topographic, radiometric and surface geochemical anomaly. The drilling is based on 200 x 50m centres which has defined the higher grade regions of this large anomaly. Estimation of a maiden Mineral Resource is progressing.

Anomalous down hole drill results include:

- 17TJAC1346 – 6m @ 9.4% THM from 3m
- 17TJAC1382 – 15m @ 3.8% THM from surface
- 17TJAC1411 – 6m @ 4.8% THM from surface
- 17TJAC1437 – 9m @ 5.0% THM from surface

Tajiri T3 Deposit

The central T3 anomaly has been drilled on a 50 x 200m grid and has delineated high grade mineralisation along 1200m strike with cross strike widths ranging between 300 to 500m. The last line of drilling to the south ended in high grade mineralisation and remains open to the south. Estimation of a maiden Mineral Resource is in progress. Anomalous down hole drill results include:

- 17TNAC1451 – 9m @ 6.4% THM from surface
- 17TNAC1464 – 9m @ 7.1% THM from surface
- 17TNAC1486 – 15m @ 4.9% THM from surface
- 17TNAC1488 – 15m @ 6.8% THM from surface

Tajiri T4 Deposit

The T4 prospect anomaly has been defined over 3200m of strike along a narrow arcuate radiometric and topographic high some 200 to 400m wide. The THM analysis of the drill results have shown a higher grade strand within a wide halo of mineralisation. The HMS begins at surface and has thicknesses between 6 and 9m down hole. Estimation of a maiden Mineral Resource is progressing. Down hole results include:

- 17TNAC1511 – 6m @ 7.5% THM from surface
- 17TNAC1517 – 7.5m @ 9.2% THM from surface
- 17TNAC1525 – 6m @ 6.8% THM from surface
- 17TNAC1547 – 9m @ 6.5% THM from surface

SUMMARY OF NEW DISCOVERY ZONES AT TAJIRI

Several new target areas and higher grade zones along the Tajiri mineralised corridor (including a thick channel-style mineralised trend) have also been discovered, which may significantly add to Tajiri's global Mineral Resources over time.

Air core drilling identified a thick T4 channel target (titled "T4 Channel") located to the east of a prominent limestone ridge and adjacent to the shallow T4 strandline. Logging of drill samples yielded long intersections of readily visible HMS down to 42m depth that did not encounter basement. The drill programme tested an initial 800m of strike along the target channel to 42m depth on 50m centres using a 200m spaced grid pattern. The results confirmed proof of concept and has expanded the potential to locate additional thick mineralisation by using deeper drilling along the target zone. Significant results include:

- 17TNAC1622 – 39m @ 4.4% THM from surface
- 17THAC1625 – 42m @ 4.4% THM from surface including 31.5m @ 5.0% THM from 10.5m
- 17THAC1626 – 42m @ 4.4% THM from surface including 30m @ 5.4% THM from 12m
- 17TNAC1627 – 42m @ 3.6**%** THM from surface including 15m @ 6.1% THM from 27m

Visual assessment of the HMS sachets from the laboratory has shown a typical Tajiri mineral assemblage dominated by titanium mineral species with highly variable amounts of garnet. The garnet has been identified as almandine, relatively coarse grained and highly angular in appearance.

Furthermore, the Company conducted broad-spaced reconnaissance auger drilling to the south of the T4 channel (adjacent to T3 deposit) and identified more shallow high grade mineralisation, which remains open at depth and along strike to the south. Figures 3 and 4 below show the channel-style deposit and high grade THM pan from an auger hole drilled ~1km south west from the T4 channel mineralisation.

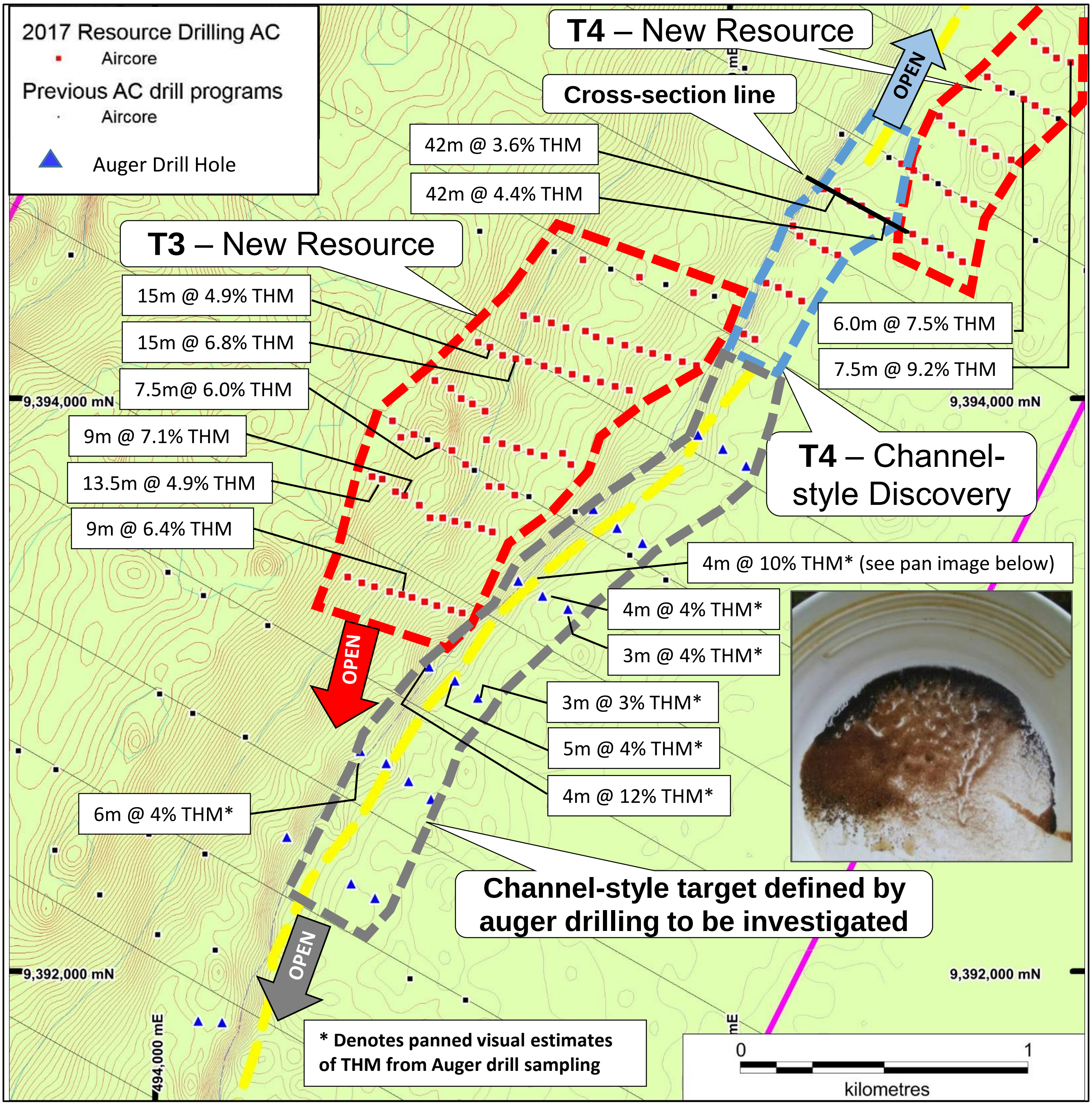

Figure 3 Tanga South (Tajiri) T3 and T4 resources and new channel-style discovery

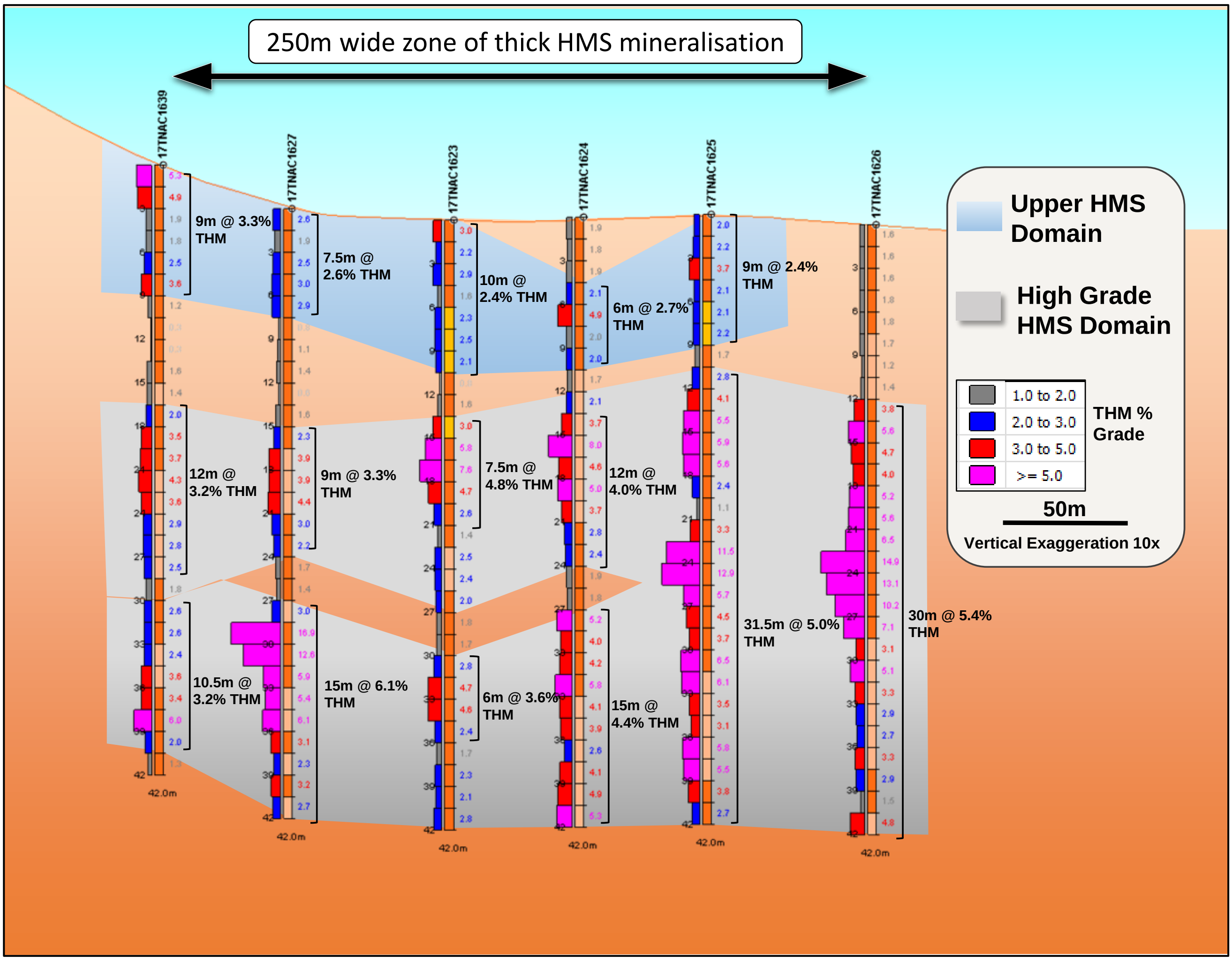

Figure 4 Tanga South (Tajiri) cross-sectional line across new channel-style deposit containing titanium and garnet rich intervals (refer Figure 3 for position of cross-section)

MINERAL RESOURCE DATA

Table 1 Tanga South Project Mineral Resource Estimate (April 2016)

MINERAL RESOURCE SUMMARY FOR TANGA SOUTH PROJECT										
Summary of Mineral Resources (1)					THM assemblage (2)					
Deposit	**Mineral Resource Category**	**Tonnage**	**In situ THM**	**THM**	**Ilmenite**	**Rutile**	**Zircon**	**Leucoxene**	**Slimes**	**Oversize**
		(Mt)	(Mt)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
Tajiri	Indicated	19	1.0	5.1	65	12	6	6	34	3
Tajiri North	Indicated	40	1.2	3.0	70	7	5	2	52	3
	Total (3)	**59**	**2.2**	**3.7**	**68**	**10**	**5**	**4**	**46**	**3**
(1) Mineral Resources reported at a cut-off grade of 1.7% THM										
(2) Mineral assemblage is reported as a percentage of in situ THM content										
(3) Appropriate rounding applied										

Refer to the ASX announcement dated 4 April 2016 for full details of the Mineral Resource estimate for the Tanga South Tajiri Project.

ABOUT STRANDLINE

Strandline Resources Limited (**ASX: STA**) is an emerging heavy mineral sands (**HMS**) developer with a growing portfolio of 100%-owned development assets located in Western Australia and within the world's major zircon and titanium producing corridor in South East Africa. Strandline's strategy is to develop and operate quality, high margin, expandable mining assets with market differentiation and global relevance.

Strandline's project portfolio comprises development optionality, geographic diversity and scalability. This includes two zircon-rich, 'development ready' projects, the Fungoni Project in Tanzania and the large Coburn Project in Western Australia, as well as a series of titanium dominated exploration targets spread along 350km of highly prospective Tanzanian coastline, including the advanced Tanga South Project and Bagamoyo Project.

The Company's focus is to continue its aggressive exploration and development strategy and execute its multi-tiered and staged growth plans to maximise shareholder value.

TANZANIA MINERAL SANDS COMPETENT PERSON'S STATEMENTS

The information in this report that relates to Exploration Results is based on, and fairly represents, information and supporting documentation prepared by Mr Brendan Cummins, a permanent employee of Strandline. Mr Cummins is a member of the Australian Institute of Geoscientists and he has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity which has been undertaken to qualify as Competent Persons as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Cummins consent to the inclusion in this release of the matters based on the information in the form and context in which they appear. Mr Cummins is a shareholder of Strandline Resources.

The information in this report that relates to Mineral Resources is based on, and fairly represents, information and supporting documentation prepared by Mr Greg Jones, (Consultant to Strandline and Principal with GNJ Consulting) and Mr Brendan Cummins, a permanent employee of Strandline. Mr Jones is a member of the Australian Institute of Mining and Metallurgy and Mr Cummins is a member of the Australian Institute of Geoscientists and both have sufficient experience of relevance to the styles of mineralisation and types of deposits under consideration, and to the activities undertaken to qualify as Competent Persons as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Specifically, Mr Cummins is the Competent Person for the drill database, geological model interpretation and completed the site inspection. Mr Jones is the Competent Person for the resource estimation. Mr Jones and Mr Cummins consent to the inclusion in this report of the matters based on their information in the form and context in which they appear.

FORWARD LOOKING STATEMENTS

This report contains certain forward looking statements. Forward looking statements are only predictions and are subject to risks, uncertainties and assumptions which are outside of the control of Strandline. These risks, uncertainties and assumptions include commodity prices, currency fluctuations, economic and financial market conditions, environmental risks and legislative, fiscal or regulatory developments, political risks, project delay, approvals and cost estimates. Actual values, results or events may be materially different to those contained in this announcement. Given these uncertainties, readers are cautioned not to place reliance on forward looking statements. Any forward looking statements in this announcement reflect the views of Strandline only at the date of this announcement. Subject to any continuing obligations under applicable laws and ASX Listing Rules, Strandline does not undertake any obligation to update or revise any information or any of the forward looking statements in this announcement to reflect changes in events, conditions or circumstances on which any forward looking statements is based.

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Appendix 1 – Estimated visible THM downhole data

HOLE_ID	Prospect	UTM E (WGS84)	UTM N (WGS84)	DIP	AZim	EOH (m)	FROM (m)	TO (m)	INTERVAL (m)	VISUAL ESTIMATE THM (%)
17TJAG1815	T4Channel	494952	9393065	-90	360	4	0	4	4	12
17TJAG1816	T4Channel	495043	9393016	-90	360	5	0	5	5	4
17TJAG1817	T4Channel	495122	9392957	-90	360	3	0	3	3	3
17TJAG1818	T4Channel	495263	9393364	-90	360	4	0	4	4	10
17TJAG1819	T4Channel	495347	9393313	-90	360	4	0	4	4	4
17TJAG1820	T4Channel	495436	9393267	-90	360	3	0	3	3	4
17TJAG1821	T4Channel	495523	9393615	-90	360	2	0	2	2	4
17TJAG1822	T4Channel	495607	9393550	-90	360	3	0	3	3	3
17TJAG1823	T4Channel	495694	9393497	-90	360	2	0	2	2	2
17TJAG1824	T4Channel	495888	9393874	-90	360	1	0	1	1	3
17TJAG1825	T4Channel	495974	9393826	-90	360	3	0	3	3	2
17TJAG1826	T4Channel	496055	9393767	-90	360	2	0	2	2	2
17TJAG1827	T4Channel	494713	9392770	-90	360	6	0	6	6	4
17TJAG1828	T4Channel	494803	9392728	-90	360	2	0	2	2	4
17TJAG1829	T4Channel	494881	9392665	-90	360	2	0	2	2	4
17TJAG1830	T4Channel	494959	9392602	-90	360	2	0	2	2	4
17TJAG1831	T4Channel	494458	9392470	-90	360	2	0	2	2	1
17TJAG1832	T4Channel	494150	9391828	-90	360	1	0	1	1	3
17TJAG1833	T4Channel	494232	9391824	-90	360	1	0	1	1	NSR
17TJAG1834	T4Channel	494765	9392257	-90	360	4	0	4	4	3
17TJAG1835	T4Channel	494681	9392307	-90	360	2	0	2	2	2

Complete auger intervals without any cut-offs

Appendix 2 – Significant downhole Air-core THM data

HOLE_ID	Prospect	UTM E (WGS84)	UTM N (WGS84)	DIP	AZim	EOH (m)	FROM (m)	TO (m)	INTERVAL (m)	THM (%)	SLIME (%)
17TJAC1272	**T1**	**489647**	**9382023**	**-90**	**360**	**6**	**0**	**4.5**	**4.5**	**6.2**	**35**
17TJAC1274	T1	489511	9382106	-90	360	6	4.5	6	1.5	3.9	30
17TJAC1279	**T1**	**489716**	**9382434**	**-90**	**360**	**15**	**0**	**15**	**15**	**3.5**	**37**
17TJAC1287	T1	490155	9382188	-90	360	9	0	4.5	4.5	3.8	29
17TJAC1288	T1	490247	9382135	-90	360	12	7.5	9	1.5	5	36
17TJAC1291	T1	490168	9382622	-90	360	9	0	4.5	4.5	5.3	32
17TJAC1298	**T1**	**489774**	**9382849**	**-90**	**360**	**15**	**0**	**9**	**9**	**4.6**	**36**
17TJAC1306	T1	489920	9383197	-90	360	15	0	9	9	3.3	31
17TJAC1312	T1	490301	9382984	-90	360	15	0	9	9	3.4	39
17TJAC1314	T1	490443	9383349	-90	360	12	0	7.5	7.5	3.4	30
17TJAC1315	T1	490311	9383414	-90	360	15	0	12	12	3.4	32
17TJAC1316	T1	490268	9383446	-90	360	15	0	9	9	3.5	31
17TJAC1317	**T1**	**490183**	**9383487**	**-90**	**360**	**15**	**0**	**10.5**	**10.5**	**3.3**	**33**
17TJAC1318	T1	490018	9383584	-90	360	15	0	7.5	7.5	3.5	19
17TJAC1319	T1	489940	9383632	-90	360	15	0	7.5	7.5	3.5	20
17TJAC1334	T2	491816	9386927	-90	360	15	7.5	15	7.5	4	23
17TJAC1345	T2	492349	9386837	-90	360	12	4.5	10.5	6	4.7	33
17TJAC1346	**T2**	**492398**	**9386816**	**-90**	**360**	**12**	**3**	**9**	**6**	**9.4**	**36**
17TJAC1347	T2	492437	9386790	-90	360	4	3	9	6	4.6	35
17TJAC1355	T2	492025	9387252	-90	360	12	0	7.5	7.5	3.7	30
17TJAC1363	T2	492090	9387438	-90	360	15	0	15	15	3.5	31
17TJAC1364	T2	492124	9387420	-90	360	15	3	15	12	3.1	20
17TJAC1365	T2	492172	9387394	-90	360	15.0	3.0	10.5	7.5	3.1	21
17TJAC1368	T2	492372	9387509	-90	360	15.0	12.0	15.0	3.0	3.8	16
17TJAC1369	T2	492334	9387535	-90	360	15.0	9.0	15.0	6.0	4.0	10
17TJAC1371	T2	492243	9387582	-90	360	15.0	0.0	7.5	7.5	3.6	36
17TJAC1372	T2	492196	9387622	-90	360	15.0	0.0	15.0	15.0	3.2	20
17TJAC1373	T2	492160	9387642	-90	360	6.0	0.0	3.0	3.0	4.8	32
17TJAC1374	T2	492120	9387662	-90	360	6.0	0.0	3.0	3.0	4.9	39
17TJAC1380	T2	492171	9387849	-90	360	7.5	0.0	6.0	6.0	3.2	47
17TJAC1381	T2	492208	9387831	-90	360	6.0	0.0	3.0	3.0	5.5	45
17TJAC1382	**T2**	**492248**	**9387803**	**-90**	**360**	**15.0**	**0.0**	**15.0**	**15.0**	**3.8**	**47**
17TJAC1383	T2	492350	9387755	-90	360	15.0	0.0	15.0	15.0	3.5	19
17TJAC1384	T2	492382	9387721	-90	360	15.0	0.0	15.0	15.0	3.0	25
17TJAC1389	T2	492498	9387933	-90	360	15.0	0.0	6.0	6.0	3.4	23
17TJAC1390	T2	492455	9387963	-90	360	15.0	0.0	9.0	9.0	5.7	37
17TJAC1391	T2	492418	9387987	-90	360	15.0	0.0	9.0	9.0	4.8	21
17TJAC1392	T2	492365	9387978	-90	360	6.0	0.0	3.0	3.0	5.8	38
17TJAC1393	T2	492322	9388032	-90	360	6.0	0.0	3.0	3.0	5.1	40
17TJAC1394	T2	492290	9388052	-90	360	9.0	0.0	4.5	4.5	3.8	44
17TJAC1399	T2	492339	9388306	-90	360	15.0	7.5	15.0	7.5	4.8	9
17TJAC1401	T2	492419	9388254	-90	360	15.0	0.0	13.5	13.5	3.6	24
17TJAC1402	T2	492514	9388204	-90	360	15.0	0.0	9.0	9.0	3.3	30
17TJAC1403	T2	492550	9388189	-90	360	15.0	4.5	15.0	11.5	3.1	28
17TJAC1407	T2	492763	9388058	-90	360	12.0	0.0	4.5	4.5	3.8	33
17TJAC1411	**T2**	**492654**	**9388346**	**-90**	**360**	**12.0**	**0.0**	**6.0**	**6.0**	**4.8**	**35**
17TJAC1414	T2	492526	9388428	-90	360	12.0	0.0	7.5	7.5	3.5	34
17TJAC1415	T2	492481	9388446	-90	360	12.0	0.0	4.5	4.5	3.1	34

Appendix 2 – Significant downhole Air-core THM data

17TJAC1428	T2	492756	9388500	-90	360	9.0	0.0	4.5	4.5	4.0	33
17TJAC1436	T2	492756	9388731	-90	360	9.0	0.0	6.0	6.0	9.3	37
17TJAC1437	**T2**	**492798**	**9388705**	**-90**	**360**	**15.0**	**0.0**	**9.0**	**9.0**	**5.0**	**30**
17TJAC1443	T2	492919	9388864	-90	360	9.0	0.0	4.5	4.5	3.1	40
17TNAC1450	T3	494816	9393331	-90	360	9.0	1.5	7.5	6.0	6.1	41
17TNAC1451	**T3**	**494857**	**9393320**	**-90**	**360**	**12.0**	**0.0**	**9.0**	**9.0**	**6.4**	**41**
17TNAC1452	T3	494893	9393310	-90	360	12.0	0.0	7.5	7.5	6.0	39
17TNAC1453	T3	494938	9393295	-90	360	7.5	0.0	7.5	4.5	5.1	33
17TNAC1454	T3	494980	9393281	-90	360	6.0	0.0	4.5	4.5	4.3	34
17TNAC1455	T3	495029	9393266	-90	360	12.0	0.0	7.5	7.5	3.8	19
17TNAC1456	T3	495068	9393256	-90	360	3.0	0.0	3.0	1.5	4.2	20
17TNAC1457	T3	495173	9393539	-90	360	4.5	0.0	3.0	1.5	5.0	33
17TNAC1458	T3	495135	9393551	-90	360	6.0	0.0	3.0	3.0	3.6	30
17TNAC1459	T3	495086	9393564	-90	360	9.0	0.0	6.0	6.0	4.0	38
17TNAC1460	T3	495042	9393577	-90	360	9.0	0.0	4.5	6.0	4.6	40
17TNAC1461	T3	495000	9393589	-90	360	6.0	0.0	3.0	3.0	5.1	34
17TNAC1462	T3	494956	9393589	-90	360	3.0	0.0	1.5	1.5	5.7	33
17TNAC1463	T3	494918	9393633	-90	360	9.0	0.0	6.0	6.0	5.3	42
17TNAC1464	**T3**	**494868**	**9393666**	**-90**	**360**	**12.0**	**0.0**	**9.0**	**9.0**	**7.1**	**43**
17TNAC1465	T3	494836	9393679	-90	360	9.0	0.0	9.0	9.0	6.3	35
17TNAC1466	T3	494900	9393880	-90	360	9.0	0.0	9.0	6.0	6.1	35
17TNAC1467	T3	494980	9393840	-90	360	12.0	0.0	7.5	7.5	6.0	39
17TNAC1468	T3	495032	9393824	-90	360	9.0	0.0	7.5	7.5	5.8	47
17TNAC1469	T3	495080	9393774	-90	360	6.0	0.0	1.5	1.5	4.7	29
17TNAC1470	T3	495160	9393699	-90	360	12.0	0.0	6.0	6.0	5.0	33
17TNAC1471	T3	495203	9393696	-90	360	6.0	0.0	3.0	3.0	4.9	54
17TNAC1476	T3	495305	9393819	-90	360	6.0	0.0	3.0	3.0	4.3	34
17TNAC1477	T3	495257	9393832	-90	360	6.0	0.0	3.0	3.0	4.7	35
17TNAC1478	T3	495206	9393848	-90	360	9.0	0.0	4.5	4.5	6.3	38
17TNAC1479	T3	495152	9393861	-90	360	9.0	0.0	6.0	6.0	6.7	42
17TNAC1481	T3	495103	9393987	-90	360	6.0	0.0	3.0	3.0	3.6	41
17TNAC1482	T3	495065	9394005	-90	360	6.0	0.0	3.0	3.0	4.2	40
17TNAC1483	T3	495029	9394041	-90	360	6.0	0.0	4.5	4.5	3.3	33
17TNAC1484	T3	494973	9394068	-90	360	6.0	0.0	3.0	3.0	3.1	37.5
17TNAC1485	T3	495124	9394201	-90	360	15.0	0.0	12.0	12.0	3.8	25
17TNAC1486	**T3**	**495164**	**9394184**	**-90**	**360**	**15.0**	**0.0**	**15.0**	**15.0**	**4.9**	**16**
17TNAC1487	T3	495209	9394155	-90	360	6.0	0.0	3.0	3.0	4.0	33
17TNAC1488	**T3**	**495254**	**9394144**	**-90**	**360**	**18.0**	**0.0**	**15.0**	**15.0**	**6.8**	**30**
17TNAC1489	T3	495298	9394134	-90	360	9.0	0.0	7.5	7.5	4.5	33
17TNAC1490	T3	495353	9394118	-90	360	9.0	0.0	4.5	4.5	3.5	27
17TNAC1491	T3	495402	9394104	-90	360	6.0	0.0	3.0	3.0	5.0	34
17TNAC1492	T3	495450	9394089	-90	360	6.0	0.0	3.0	3.0	4.9	36
17TNAC1493	T3	495500	9394074	-90	360	6.0	0.0	1.5	1.5	9.1	32
17TNAC1494	T3	495549	9394062	-90	360	6.0	0.0	1.5	1.5	5.5	35
17TNAC1496	T3	495649	9394034	-90	360	9.0	0.0	1.5	1.5	3.0	32
17TNAC1499	T4	496730	9394531	-90	360	15	7.5	9	1.5	3.52	51
17TNAC1505	T4	496805	9394931	-90	360	15	0	6	6	6.5	26
17TNAC1506	T4	496845	9394901	-90	360	15	0	6	6	5.8	30
17TNAC1507	T4	496886	9394877	-90	360	12	3	6	3	3.3	23
17TNAC1510	T4	497059	9395029	-90	360	15	0	7.5	7.5	5.6	31

Appendix 2 – Significant downhole Air-core THM data

17TNAC1511	**T4**	**497020**	**9395050**	**-90**	**360**	**15**	**0**	**6**	**6**	**7.5**	**40**
17TNAC1516	T4	497134	9395195	-90	360	15	0	3	3	3.1	23
17TNAC1517	**T4**	**497184**	**9395179**	**-90**	**360**	**15**	**0**	**7.5**	**7.5**	**9.2**	**25**
17TNAC1518	T4	497231	9395148	-90	360	15	0	6	6	3.4	22
17TNAC1520	T4	497347	9395313	-90	360	15	0	6	6	4.4	21
17TNAC1521	T4	497258	9395371	-90	360	15	0	4.5	4.5	3.65	24
17TNAC1525	**T4**	**497361**	**9395560**	**-90**	**360**	**15**	**0**	**6**	**6**	**6.8**	**21**
17TNAC1526	T4	497396	9395531	-90	360	15	0	4.5	4.5	3.9	19
17TNAC1527	T4	497444	9395506	-90	360	15	0	6	6	4.2	18
17TNAC1528	T4	497490	9395731	-90	360	15	0	4.5	4.5	3.1	21
17TNAC1531	T4	497315	9395833	-90	360	15	0	6	6	3.3	23
17TNAC1536	T4	497628	9395884	-90	360	15	0	6	6	3.05	17
17TNAC1537	T4	497773	9396055	-90	360	15	0	6	6	3.7	19
17TNAC1538	T4	497726	9396081	-90	360	15	0	6	6	4.2	20
17TNAC1539	T4	497895	9396219	-90	360	15	0	4.5	4.5	4.3	21
17TNAC1541	T4	497816	9396267	-90	360	15	0	4.5	4.5	3.6	20
17TNAC1542	T4	497767	9396294	-90	360	15	0	6	6	3.8	19
17TNAC1547	**T4**	**497976**	**9396410**	**-90**	**360**	**15**	**0**	**9**	**9**	**6.5**	**24**
17TNAC1566	T4	498034	9397301	-90	360	15	0	7.5	7.5	4.1	21
17TNAC1567	T4	498032	9397550	-90	360	15	3	6	3	3.3	23
17TNAC1572	T4	497983	9397811	-90	360	15	7.5	12	4.5	4.6	19
17TNAC1573	T4	497937	9397835	-90	360	15	9	15	6	3.8	18
17TNAC1576	T4	498014	9398007	-90	360	15	6	12	6	6.1	21
17TNAC1582	T4	498063	9397754	-90	360	15	0	9	9	8.2	23
17TNAC1584	T4	497772	9397696	-90	360	9	0	7.5	7.5	5.3	30
17TNAC1585	T4	497816	9397672	-90	360	15	0	7.5	7.5	6.3	31
17TNAC1593	T4	497821	9396034	-90	360	15	0	6	6	3.6	20
17TNAC1596	T4	496770	9394958	-90	360	21	16.5	21	4.5	5	19.7
17TNAC1606	T3	495634	9394191	-90	360	4.5	0	3	3	5.1	27
17TNAC1607	T3	495583	9394207	-90	360	6	0	3	3	12.9	26
17TNAC1608	T3	495534	9394221	-90	360	6	0	4.5	4.5	5.2	30
17TNAC1609	T3	495497	9394240	-90	360	6	0	3	3	5.9	35
17TNAC1610	T3	495428	9394253	-90	360	6	0	3	3	3.9	30
17TNAC1612	T3	495327	9394283	-90	360	12	0	9	9	4	38
17TNAC1615	T3	494669	9393382	-90	360	4.5	0	3	3	5.4	36
17TNAC1616	T3	494754	9393732	-90	360	12	0	9	9	3.3	41
17TNAC1617	T3	494790	9393723	-90	360	15	0	13.5	13.5	4.9	42
17TNAC1619	T3	494854	9393870	-90	360	6	0	4.5	4.5	4.4	33
17TNAC1620	T4Channel	496596	9394825	-90	360	18	0	18	18	1.9	35
17TNAC1621	**T4Channel**	**496638**	**9394801**	**-90**	360	**42**	**0**	**42**	**42**	**3.5**	**23**
17TNAC1622	**T4Channel**	**496681**	**9394777**	**-90**	360	**39**	**0**	**39**	**39**	**4.4**	**25**
17TNAC1623	T4Channel	496416	9394695	-90	360	42	0	42	42	2.8	20
17TNAC1624	**T4Channel**	**496457**	**9394677**	**-90**	360	**42**	**0**	**42**	**42**	**3.5**	**20**
17TNAC1625	**T4Channel**	**496490**	**9394646**	**-90**	360	**42**	**0**	**42**	**42**	**4.4**	**19**
17TNAC1626	**T4Channel**	**496544**	**9394627**	**-90**	360	**42**	**0**	**42**	**42**	**4.4**	**21**
17TNAC1627	**T4Channel**	**496372**	**9394730**	**-90**	360	**42**	**0**	**42**	**42**	**3.6**	**16**
17TNAC1628	T4Channel	496374	9394507	-90	360	42	0	42	42	1.9	18
17TNAC1629	T4Channel	496329	9394524	-90	360	42	0	42	42	2.1	16
17TNAC1630	T4Channel	496288	9394550	-90	360	42	0	42	42	2.0	15
17TNAC1631	T4Channel	496242	9394573	-90	360	42	0	42	42	1.7	17

Appendix 2 – Significant downhole Air-core THM data

17TNAC1632	**T4Channel**	**496218**	**9394608**	**-90**	360	**42**	**0**	**42**	**42**	**3.4**	**18**
17TNAC1633	**T4Channel**	**496125**	**9394408**	**-90**	360	**42**	**0**	**42**	**42**	**2.9**	**19**
17TNAC1634	T4Channel	496167	9394393	-90	360	42	0	42	42	2.8	19
17TNAC1635	**T4Channel**	**496205**	**9394370**	**-90**	360	**42**	**0**	**42**	**42**	**2.9**	**17**
17TNAC1636	T4Channel	496249	9394345	-90	360	12	0	12	12	2.5	22
17TNAC1637	T4Channel	496047	9394231	-90	360	18	0	18	18	2.9	20
17TNAC1638	T4Channel	496086	9394211	-90	360	12	0	12	12	2.6	23
17TNAC1639	T4Channel	496325	9394736	-90	360	42	0	42	42	2.7	19
17TNAC1640	T4	497781	9397459	-90	360	15	0	6	6	4.3	25
17TNAC1641	T4	497737	9397487	-90	360	9	0	3	3	4.6	32

Nb results > 3% THM allowing 1 interval or internal dilution

Appendix 3 - Average downhole Air-core THM Data

HOLE_ID	Prospect	UTM E (WGS84)	UTM N (WGS84)	DIP	AZIM	EOH (m)	FROM (m)	TO (m)	INT (m)	THM (%)	SLIME (%)
17TJAC1270	T1	489735	9381977	-90	360	6	0	6	6	1.3	48
17TJAC1271	T1	489692	9382004	-90	360	3	0	3	3	1.0	20
17TJAC1272	T1	489647	9382023	-90	360	6	0	6	6	4.7	31
17TJAC1273	T1	489560	9382076	-90	360	12	0	12	12	1.4	31
17TJAC1274	T1	489511	9382106	-90	360	6	0	6	6	2.1	33
17TJAC1275	T1	489467	9382129	-90	360	4.5	0	4.5	4.5	1.5	32
17TJAC1276	T1	489542	9382536	-90	360	3	0	3	3	1.3	37
17TJAC1277	T1	489585	9382506	-90	360	3	0	3	3	1.0	34
17TJAC1278	T1	489630	9382487	-90	360	3	0	3	3	1.0	46
17TJAC1279	T1	489716	9382434	-90	360	15	0	15	15	3.5	37
17TJAC1280	T1	489760	9382414	-90	360	15	0	15	15	1.8	34
17TJAC1281	T1	489807	9382384	-90	360	15	0	15	15	1.5	34
17TJAC1282	T1	489893	9382352	-90	360	15	0	15	15	1.3	30
17TJAC1283	T1	489932	9382320	-90	360	15	0	15	15	1.3	30
17TJAC1284	T1	489973	9382291	-90	360	12	0	12	12	1.2	28
17TJAC1285	T1	490066	9382240	-90	360	12	0	12	12	1.0	32
17TJAC1286	T1	490112	9382214	-90	360	12	0	12	12	1.3	32
17TJAC1287	T1	490155	9382188	-90	360	9	0	9	9	2.3	28
17TJAC1288	T1	490247	9382135	-90	360	12	0	12	12	1.5	34
17TJAC1289	T1	490292	9382105	-90	360	9	0	9	9	1.2	32
17TJAC1290	T1	490338	9382079	-90	360	9	0	9	9	1.5	44
17TJAC1291	T1	490168	9382622	-90	360	9	0	9	9	3.2	32
17TJAC1292	T1	490127	9382641	-90	360	15	0	15	15	1.3	28
17TJAC1293	T1	490032	9382701	-90	360	15	0	15	15	1.6	33
17TJAC1294	T1	489994	9382726	-90	360	15	0	15	15	1.6	32
17TJAC1295	T1	489945	9382751	-90	360	15	0	15	15	1.7	31
17TJAC1296	T1	489861	9382793	-90	360	15	0	15	15	1.8	35
17TJAC1297	T1	489820	9382822	-90	360	15	0	15	15	2.0	33
17TJAC1298	T1	489774	9382849	-90	360	15	0	15	15	3.4	36
17TJAC1299	T1	489693	9382894	-90	360	6	0	6	6	0.6	36
17TJAC1300	T1	489653	9382917	-90	360	6	0	6	6	0.4	40
17TJAC1301	T1	489608	9382943	-90	360	6	0	6	6	0.5	38
17TJAC1302	T1	489702	9383328	-90	360	6	0	6	6	0.5	36
17TJAC1303	T1	489745	9383310	-90	360	6	0	6	6	0.3	31
17TJAC1304	T1	489785	9383287	-90	360	15	0	15	15	1.4	41
17TJAC1305	T1	489881	9383225	-90	360	15	0	15	15	1.8	30
17TJAC1306	T1	489920	9383197	-90	360	15	0	15	15	2.6	31
17TJAC1307	T1	489961	9383173	-90	360	15	0	15	15	1.6	30
17TJAC1308	T1	490048	9383127	-90	360	15	0	15	15	1.7	33
17TJAC1309	T1	490089	9383108	-90	360	15	0	15	15	1.5	36
17TJAC1310	T1	490128	9383077	-90	360	15	0	15	15	1.2	35
17TJAC1311	T1	490220	9383033	-90	360	15	0	15	15	1.2	40
17TJAC1312	T1	490301	9382984	-90	360	15	0	15	15	2.1	40
17TJAC1313	T1	490487	9383316	-90	360	15	0	15	15	1.1	39
17TJAC1314	T1	490443	9383349	-90	360	15	0	15	15	2.0	39
17TJAC1315	T1	490311	9383414	-90	360	15	0	15	15	2.8	36
17TJAC1316	T1	490268	9383446	-90	360	15	0	15	15	2.9	38
17TJAC1317	T1	490183	9383487	-90	360	15	0	15	15	2.5	39

Appendix 3 - Average downhole Air-core THM Data

17TJAC1318	T1	490098	9383540	-90	360	15	0	15	15	2.3	29
17TJAC1319	T1	490018	9383584	-90	360	15	0	15	15	2.5	27
17TJAC1320	T1	489940	9383632	-90	360	15	0	15	15	1.9	38
17TJAC1321	T2	492372	9386596	-90	360	9	0	9	9	1.5	33
17TJAC1322	T2	492326	9386623	-90	360	9	0	9	9	2.3	30
17TJAC1323	T2	492281	9386648	-90	360	12	0	12	12	1.4	32
17TJAC1324	T2	492240	9386669	-90	360	12	0	12	12	0.9	39
17TJAC1325	T2	492201	9386699	-90	360	15	0	15	15	1.1	36
17TJAC1326	T2	492152	9386721	-90	360	12	0	12	12	1.1	35
17TJAC1327	T2	492114	9386749	-90	360	12	0	12	12	1.3	42
17TJAC1328	T2	492067	9386783	-90	360	12	0	12	12	0.8	41
17TJAC1329	T2	492029	9386801	-90	360	12	0	12	12	1.0	40
17TJAC1330	T2	491989	9386829	-90	360	15	0	15	15	1.0	41
17TJAC1331	T2	491934	9386848	-90	360	15	0	15	15	1.5	41
17TJAC1332	T2	491897	9386872	-90	360	15	0	15	15	1.1	37
17TJAC1333	T2	491856	9386895	-90	360	9	0	9	9	0.9	38
17TJAC1334	T2	491816	9386927	-90	360	15	0	15	15	2.5	31
17TJAC1335	T2	491759	9386957	-90	360	12	0	12.04	12	0.6	43
17TJAC1336	T2	491838	9387134	-90	360	15	0	15	15	0.8	42
17TJAC1337	T2	491881	9387111	-90	360	9	0	9	9	1.0	41
17TJAC1338	T2	491924	9387084	-90	360	6	0	6	6	1.0	35
17TJAC1339	T2	492011	9387033	-90	360	15	0	15	15	1.7	31
17TJAC1340	T2	492050	9387012	-90	360	12	0	12	12	1.1	38
17TJAC1341	T2	492091	9386988	-90	360	12	0	12	12	1.3	40
17TJAC1342	T2	492187	9386929	-90	360	12	0	12	12	1.0	39
17TJAC1343	T2	492222	9386904	-90	360	12	0	12	12	1.0	40
17TJAC1344	T2	492272	9386885	-90	360	9	0	9	9	1.3	36
17TJAC1345	T2	492349	9386837	-90	360	12	0	12	12	3.1	36
17TJAC1346	T2	492398	9386816	-90	360	12	0	12	12	6.4	36
17TJAC1347	T2	492437	9386790	-90	360	12	0	12	12	3.1	35
17TJAC1348	T2	492365	9387052	-90	360	9	0	9	9	1.0	32
17TJAC1349	T2	492321	9387081	-90	360	9	0	9	9	0.9	32
17TJAC1350	T2	492280	9387110	-90	360	12	0	12	12	1.2	28
17TJAC1351	T2	492241	9387123	-90	360	12	0	12	12	0.9	35
17TJAC1352	T2	492202	9387149	-90	360	15	0	15	15	1.2	32
17TJAC1353	T2	492151	9387171	-90	360	12	0	12	12	1.3	28
17TJAC1354	T2	492109	9387199	-90	360	9	0	9.04	9	1.5	29
17TJAC1355	T2	492025	9387252	-90	360	12	0	12	12	2.5	33
17TJAC1356	T2	491982	9387276	-90	360	12	0	12	12	1.3	36
17TJAC1357	T2	491936	9387306	-90	360	15	0	15	15	1.2	36
17TJAC1358	T2	491900	9387329	-90	360	15	0	15	15	1.2	50
17TJAC1359	T2	491852	9387351	-90	360	9	0	9	9	1.0	39
17TJAC1360	T2	492064	9387242	-90	360	9	0	9	9	1.4	36
17TJAC1361	T2	491958	9387464	-90	360	9	0	9	9	1.1	35
17TJAC1362	T2	491996	9387448	-90	360	9	0	9	9	1.4	42
17TJAC1363	T2	492090	9387438	-90	360	15	0	15	15	3.5	29
17TJAC1364	T2	492124	9387420	-90	360	15	0	15	15	2.9	22
17TJAC1365	T2	492172	9387394	-90	360	15	0	15	15	2.8	17
17TJAC1366	T2	492266	9387341	-90	360	12	0	12	12	1.4	32
17TJAC1367	T2	492305	9387317	-90	360	15	0	15	15	1.2	35

Appendix 3 - Average downhole Air-core THM Data

17TJAC1368	T2	492372	9387509	-90	360	15	0	15	15	2.0	27
17TJAC1369	T2	492334	9387535	-90	360	15	0	13.5	15	2.5	20
17TJAC1370	T2	492285	9387544	-90	360	16.5	0	16.5	16.5	1.8	27
17TJAC1371	T2	492243	9387582	-90	360	15	0	15	15	2.3	28
17TJAC1372	T2	492196	9387622	-90	360	15	0	15	15	3.2	20
17TJAC1373	T2	492160	9387642	-90	360	6	0	6	6	2.5	25
17TJAC1374	T2	492120	9387662	-90	360	6	0	6	6	2.9	30
17TJAC1375	T2	492071	9387689	-90	360	9	0	9	9	1.5	38
17TJAC1376	T2	492041	9387712	-90	360	12	0	12	12	1.4	38
17TJAC1377	T2	491997	9387736	-90	360	12	0	12	12	1.5	45
17TJAC1378	T2	492045	9387915	-90	360	15	0	15	15	1.4	44
17TJAC1379	T2	492085	9387891	-90	360	15	0	15	15	2.0	38
17TJAC1380	T2	492171	9387849	-90	360	7.5	0	7.5	7.5	2.7	42
17TJAC1381	T2	492208	9387831	-90	360	6	0	6	6	2.9	34
17TJAC1382	T2	492248	9387803	-90	360	15	0	15	15	3.8	19
17TJAC1383	T2	492350	9387755	-90	360	15	0	15	15	3.5	19
17TJAC1384	T2	492382	9387721	-90	360	15	0	15	15	3.0	24
17TJAC1385	T2	492426	9387698	-90	360	15	0	15	15	1.6	24
17TJAC1386	T2	492631	9387855	-90	360	12	0	12	12	1.5	32
17TJAC1387	T2	492593	9387882	-90	360	15	0	15	15	1.3	40
17TJAC1388	T2	492546	9387898	-90	360	15	0	15	15	1.1	28
17TJAC1389	T2	492498	9387933	-90	360	15	0	15	15	2.2	23
17TJAC1390	T2	492455	9387963	-90	360	15	0	15	15	4.3	31
17TJAC1391	T2	492418	9387987	-90	360	15	0	15	15	4.8	21
17TJAC1392	T2	492365	9387978	-90	360	6	0	6	6	3.7	29
17TJAC1393	T2	492322	9388032	-90	360	6	0	6	6	2.9	31
17TJAC1394	T2	492290	9388052	-90	360	9	0	9	9	2.1	34
17TJAC1395	T2	492251	9388067	-90	360	9	0	9	9	1.9	48
17TJAC1396	T2	492203	9388100	-90	360	9	0	9	9	1.7	43
17TJAC1397	T2	492151	9388130	-90	360	15	0	15	15	2.1	37
17TJAC1398	T2	492247	9388355	-90	360	6	0	6	6	1.4	38
17TJAC1399	T2	492339	9388306	-90	360	15	0	15	15	3.1	22
17TJAC1400	T2	492378	9388276	-90	360	6	0	6	6	1.6	43
17TJAC1401	T2	492419	9388254	-90	360	15	0	15	15	3.3	25
17TJAC1402	T2	492514	9388204	-90	360	15	0	15	15	2.5	33
17TJAC1403	T2	492550	9388189	-90	360	15	0	15	15	2.9	26
17TJAC1404	T2	492604	9388161	-90	360	12	0	12	12	1.6	34
17TJAC1405	T2	492669	9388113	-90	360	15	0	15	15	1.2	40
17TJAC1406	T2	492720	9388086	-90	360	12	0	12	12	1.4	39
17TJAC1407	T2	492763	9388058	-90	360	12	0	12	12	2.1	42
17TJAC1408	T2	492780	9388280	-90	360	9	0	9	9	1.5	52
17TJAC1409	T2	492748	9388308	-90	360	12	0	12	12	1.0	55
17TJAC1410	T2	492705	9388359	-90	360	15	0	15	15	1.7	43
17TJAC1411	T2	492654	9388346	-90	360	12	0	12	12	2.7	43
17TJAC1412	T2	492618	9388368	-90	360	9	0	9	9	1.2	27
17TJAC1413	T2	492573	9388394	-90	360	9	0	9	9	1.4	32
17TJAC1414	T2	492526	9388428	-90	360	12	0	12	12	2.3	34
17TJAC1415	T2	492481	9388446	-90	360	12	0	12	12	1.8	35
17TJAC1416	T2	492430	9388479	-90	360	12	0	12	12	1.1	37
17TJAC1417	T2	492383	9388497	-90	360	9	0	9	9	0.9	34

Appendix 3 - Average downhole Air-core THM Data

17TJAC1418	T2	492344	9388520	-90	360	9	0	9	9	0.8	36
17TJAC1419	T2	492300	9388544	-90	360	9	0	9	9	0.8	38
17TJAC1420	T2	492261	9388562	-90	360	9	0	9	9	0.8	37
17TJAC1421	T2	492211	9388596	-90	360	12	0	12	12	0.7	36
17TJAC1422	T2	492411	9388699	-90	360	9	0	9	9	1.8	26
17TJAC1423	T2	492447	9388678	-90	360	10.5	0	10.5	10.5	1.1	27
17TJAC1424	T2	492485	9388650	-90	360	9	0	9	9	0.9	29
17TJAC1425	T2	492574	9388603	-90	360	9	0	9	9	0.9	35
17TJAC1426	T2	492637	9388573	-90	360	9	0	9	9	1.6	30
17TJAC1427	T2	492668	9388540	-90	360	9	0	9	9	1.7	30
17TJAC1428	T2	492756	9388500	-90	360	9	0	9	9	2.6	43
17TJAC1429	T2	492809	9388469	-90	360	12	0	12	12	1.5	48
17TJAC1430	T2	492837	9388450	-90	360	12	0	12	12	1.7	37
17TJAC1431	T2	492527	9388847	-90	360	13.5	0	13.5	13.5	1.0	26
17TJAC1432	T2	492580	9388840	-90	360	15	0	15	15	0.9	32
17TJAC1433	T2	492618	9388815	-90	360	12	0	12	12	0.8	32
17TJAC1434	T2	492680	9388796	-90	360	15	0	15	15	0.7	42
17TJAC1435	T2	492715	9388760	-90	360	12	0	12	12	1.4	37
17TJAC1436	T2	492756	9388731	-90	360	9	0	9	9	6.7	37
17TJAC1437	T2	492798	9388705	-90	360	15	0	15	15	3.4	43
17TJAC1438	T2	492843	9388681	-90	360	9	0	9	9	1.4	44
17TJAC1439	T2	492888	9388660	-90	360	9	0	9	9	0.9	51
17TJAC1440	T2	492931	9388633	-90	360	6	0	6	6	1.2	53
17TJAC1441	T2	493005	9388830	-90	360	6	0	6	6	1.2	55
17TJAC1442	T2	492958	9388855	-90	360	6	0	6	6	2.0	53
17TJAC1443	T2	492919	9388864	-90	360	9	0	9	9	1.7	45
17TJAC1444	T2	492876	9388902	-90	360	4.5	0	4.5	4.5	2.0	43
17TJAC1445	T2	492827	9388932	-90	360	6	0	6	6	0.8	52
17TJAC1446	T2	492783	9388959	-90	360	4.5	0	4.5	4.5	0.7	42
17TJAC1447	T2	492739	9388989	-90	360	9	0	9	9	0.4	50
17TJAC1448	T2	492686	9389010	-90	360	9	0	9	9	0.6	48
17TNAC1449	T3	494763	9393347	-90	360	3	0	3	3	2.9	26
17TNAC1450	T3	494816	9393331	-90	360	9	0	9	9	5.1	38
17TNAC1451	T3	494857	9393320	-90	360	12	0	12	12	4.8	37
17TNAC1452	T3	494893	9393310	-90	360	12	0	12	12	4.1	34
17TNAC1453	T3	494938	9393295	-90	360	7.5	0	7.5	7.5	3.6	28
17TNAC1454	T3	494980	9393281	-90	360	6	0	6	6	3.5	28
17TNAC1455	T3	495029	9393266	-90	360	12	0	12	12	3.0	29
17TNAC1456	T3	495068	9393256	-90	360	3	0	3	3	2.5	24
17TNAC1457	T3	495173	9393539	-90	360	4.5	0	4.5	4.5	4.0	31
17TNAC1458	T3	495135	9393551	-90	360	6	0	6	6	2.4	30
17TNAC1459	T3	495086	9393564	-90	360	9	0	9	9	3.0	36
17TNAC1460	T3	495042	9393577	-90	360	9	0	9	9	2.6	35
17TNAC1461	T3	495000	9393589	-90	360	6	0	6	6	2.8	33
17TNAC1462	T3	494956	9393589	-90	360	3	0	3	3	3.8	35
17TNAC1463	T3	494918	9393633	-90	360	9	0	9	9	3.7	34
17TNAC1464	T3	494868	9393666	-90	360	12	0	12	12	5.5	37
17TNAC1465	T3	494836	9393679	-90	360	9	0	9	9	4.5	32
17TNAC1466	T3	494900	9393880	-90	360	9	0	9	9	4.8	31
17TNAC1467	T3	494980	9393840	-90	360	12	0	12	12	5.4	36

Appendix 3 - Average downhole Air-core THM Data

17TNAC1468	T3	495032	9393824	-90	360	9	0	9	9	3.7	39
17TNAC1469	T3	495080	9393774	-90	360	6	0	6	6	1.6	21
17TNAC1470	T3	495160	9393699	-90	360	12	0	12	12	2.8	28
17TNAC1471	T3	495203	9393696	-90	360	6	0	6	6	3.1	27
17TNAC1472	T3	495251	9393668	-90	360	6	0	6	6	1.3	24
17TNAC1473	T3	495446	9393775	-90	360	6	0	6	6	1.4	31
17TNAC1474	T3	495416	9393813	-90	360	6	0	6	6	1.2	31
17TNAC1475	T3	495353	9393805	-90	360	6	0	6	6	1.6	30
17TNAC1476	T3	495305	9393819	-90	360	6	0	6	6	2.6	29
17TNAC1477	T3	495257	9393832	-90	360	6	0	6	6	2.6	31
17TNAC1478	T3	495206	9393848	-90	360	9	0	9	9	3.5	33
17TNAC1479	T3	495152	9393861	-90	360	9	0	9	9	4.9	36
17TNAC1480	T3	495148	9393961	-90	360	6	0	6	6	2.1	33
17TNAC1481	T3	495103	9393987	-90	360	6	0	6	6	2.3	35
17TNAC1482	T3	495065	9394005	-90	360	6	0	6	6	2.6	34
17TNAC1483	T3	495029	9394041	-90	360	6	0	6	6	2.6	31
17TNAC1484	T3	494973	9394068	-90	360	6	0	6	6	2.0	30
17TNAC1485	T3	495124	9394201	-90	360	15	0	15	15	3.2	25
17TNAC1486	T3	495164	9394184	-90	360	15	0	15	15	4.4	16
17TNAC1487	T3	495209	9394155	-90	360	6	0	6	6	2.4	31
17TNAC1488	T3	495254	9394144	-90	360	18	0	18	18	5.7	28
17TNAC1489	T3	495298	9394134	-90	360	9	0	9	9	3.8	31
17TNAC1490	T3	495353	9394118	-90	360	9	0	9	9	2.0	28
17TNAC1491	T3	495402	9394104	-90	360	6	0	6	6	2.9	25
17TNAC1492	T3	495450	9394089	-90	360	6	0	6	6	2.6	29
17TNAC1493	T3	495500	9394074	-90	360	6	0	6	6	3.1	25
17TNAC1494	T3	495549	9394062	-90	360	6	0	6	6	1.8	30
17TNAC1495	T3	495600	9394048	-90	360	3	0	3	3	0.8	27
17TNAC1496	T3	495649	9394034	-90	360	9	0	9	9	1.9	33
17TNAC1497	T4	496807	9394483	-90	360	15	0	15	15	1.0	34
17TNAC1498	T4	496766	9394507	-90	360	12	0	12	12	0.8	30
17TNAC1499	T4	496730	9394531	-90	360	15	0	15	15	1.9	36
17TNAC1500	T4	496677	9394554	-90	360	12	0	12	12	2.0	32
17TNAC1501	T4	496634	9394580	-90	360	15	0	15	15	2.0	35
17TNAC1502	T4	496759	9394723	-90	360	15	0	15	15	2.5	34
17TNAC1503	T4	496813	9394699	-90	360	9	0	9	9	1.6	23
17TNAC1504	T4	496846	9394684	-90	360	12	0	12	12	1.6	23
17TNAC1505	T4	496805	9394931	-90	360	15	0	15	15	4.0	32
17TNAC1506	T4	496845	9394901	-90	360	15	0	15	15	3.4	34
17TNAC1507	T4	496886	9394877	-90	360	12	0	12	12	2.1	20
17TNAC1508	T4	496925	9394852	-90	360	12	0	12	12	1.7	23
17TNAC1509	T4	496977	9394838	-90	360	12	0	12	12	1.7	22
17TNAC1510	T4	497059	9395029	-90	360	15	0	15	15	3.4	36
17TNAC1511	T4	497020	9395050	-90	360	15	0	15	15	3.5	38
17TNAC1512	T4	496932	9395090	-90	360	15	0	15	15	1.2	34
17TNAC1513	T4	496893	9395128	-90	360	15	0	15	15	1.2	32
17TNAC1514	T4	497056	9395251	-90	360	12	0	12	12	0.7	26
17TNAC1515	T4	497097	9395221	-90	360	15	0	15	15	1.2	31
17TNAC1516	T4	497134	9395195	-90	360	15	0	15	15	2.1	32
17TNAC1517	T4	497184	9395179	-90	360	15	0	15	15	5.2	28

Appendix 3 - Average downhole Air-core THM Data

17TNAC1518	T4	497231	9395148	-90	360	15	0	15	15	2.1	25
17TNAC1519	T4	497378	9395295	-90	360	15	0	15	15	1.4	28
17TNAC1520	T4	497347	9395313	-90	360	15	0	15	15	2.3	25
17TNAC1521	T4	497258	9395371	-90	360	15	0	15	15	1.9	24
17TNAC1522	T4	497215	9395399	-90	360	15	0	15	15	1.3	21
17TNAC1523	T4	497273	9395602	-90	360	15	0	15	15	1.4	21
17TNAC1524	T4	497319	9395584	-90	360	15	0	15	15	1.5	25
17TNAC1525	T4	497361	9395560	-90	360	15	0	15	15	3.6	26
17TNAC1526	T4	497396	9395531	-90	360	15	0	15	15	2.2	19
17TNAC1527	T4	497444	9395506	-90	360	15	0	15	15	2.2	24
17TNAC1528	T4	497490	9395731	-90	360	15	0	15	15	2.0	18
17TNAC1529	T4	497447	9395758	-90	360	15	0	15	15	1.8	18
17TNAC1530	T4	497367	9395797	-90	360	15	0	15	15	1.7	20
17TNAC1531	T4	497315	9395833	-90	360	15	0	15	15	2.0	28
17TNAC1532	T4	497451	9395986	-90	360	15	0	15	15	1.4	26
17TNAC1533	T4	497496	9395965	-90	360	15	0	15	15	1.5	18
17TNAC1534	T4	497539	9395937	-90	360	15	0	15	15	1.6	18
17TNAC1535	T4	497581	9395918	-90	360	15	0	15	15	0.9	14
17TNAC1536	T4	497628	9395884	-90	360	15	0	15	15	1.7	19
17TNAC1537	T4	497773	9396055	-90	360	15	0	15	15	2.0	20
17TNAC1538	T4	497726	9396081	-90	360	15	0	15	15	2.3	24
17TNAC1539	T4	497895	9396219	-90	360	15	0	15	15	1.9	20
17TNAC1540	T4	497858	9396243	-90	360	15	0	15	15	1.1	20
17TNAC1541	T4	497816	9396267	-90	360	15	0	15	15	1.9	25
17TNAC1542	T4	497767	9396294	-90	360	15	0	15	15	2.2	24
17TNAC1543	T4	497726	9396317	-90	360	15	0	15	15	1.2	25
17TNAC1544	T4	497597	9396156	-90	360	15	0	15	15	1.1	25
17TNAC1545	T4	497849	9396468	-90	360	15	0	15	15	0.9	20
17TNAC1546	T4	497895	9396445	-90	360	15	0	15	15	1.4	21
17TNAC1547	T4	497976	9396410	-90	360	15	0	15	15	4.3	21
17TNAC1548	T4	498015	9396385	-90	360	15	0	15	15	1.1	20
17TNAC1549	T4	498063	9396601	-90	360	15	0	15	15	1.1	17
17TNAC1550	T4	498026	9396628	-90	360	15	0	15	15	1.5	16
17TNAC1551	T4	497997	9396656	-90	360	15	0	15	15	0.9	17
17TNAC1552	T4	497934	9396670	-90	360	15	0	15	15	1.3	19
17TNAC1553	T4	497893	9396703	-90	360	15	0	15	15	0.8	22
17TNAC1554	T4	497932	9396909	-90	360	15	0	15	15	1.2	23
17TNAC1555	T4	497972	9396881	-90	360	15	0	15	15	1.5	22
17TNAC1556	T4	498058	9396837	-90	360	15	0	15	15	1.1	18
17TNAC1557	T4	498098	9396817	-90	360	15	0	15	15	1.7	16
17TNAC1558	T4	498069	9397073	-90	360	15	0	15	15	0.9	15
17TNAC1559	T4	498034	9397093	-90	360	15	0	15	15	1.1	15
17TNAC1560	T4	497993	9397112	-90	360	15	0	15	15	1.7	19
17TNAC1561	T4	497943	9397140	-90	360	15	0	15	15	1.7	22
17TNAC1562	T4	497904	9397162	-90	360	15	0	15	15	1.2	26
17TNAC1563	T4	497868	9397403	-90	360	15	0	15	15	0.7	27
17TNAC1564	T4	497909	9397376	-90	360	15	0	15	15	1.2	23
17TNAC1565	T4	498005	9397331	-90	360	15	0	15	15	1.8	23
17TNAC1566	T4	498034	9397301	-90	360	15	0	15	15	2.6	22
17TNAC1567	T4	498032	9397550	-90	360	15	0	15	15	2.7	21

Appendix 3 - Average downhole Air-core THM Data

17TNAC1568	T4	497991	9397577	-90	360	15	0	15	15	1.6	20
17TNAC1569	T4	497948	9397603	-90	360	15	0	15	15	1.6	22
17TNAC1570	T4	497897	9397616	-90	360	15	0	15	15	1.7	20
17TNAC1571	T4	497847	9397656	-90	360	15	0	15	15	2.8	25
17TNAC1572	T4	497983	9397811	-90	360	15	0	15	15	2.7	24
17TNAC1573	T4	497937	9397835	-90	360	15	0	15	15	2.9	21
17TNAC1574	T4	497886	9397854	-90	360	6	0	6	6	1.6	19
17TNAC1575	T4	498060	9397982	-90	360	15	0	15	15	2.1	21
17TNAC1576	T4	498014	9398007	-90	360	15	0	15	15	3.8	22
17TNAC1577	T4	497977	9398030	-90	360	7.5	0	7.5	7.5	1.8	15
17TNAC1578	T4	497931	9398052	-90	360	6	0	6	6	1.2	18
17TNAC1579	T4	497891	9398082	-90	360	3	0	3	3	1.7	19
17TNAC1580	T4	497766	9397929	-90	360	3	0	3	3	1.5	26
17TNAC1581	T4	497807	9397900	-90	360	3	0	3	3	1.3	25
17TNAC1582	T4	498063	9397754	-90	360	15	0	15	15	5.5	21
17TNAC1583	T4	498102	9397735	-90	360	15	0	15	15	1.5	25
17TNAC1584	T4	497772	9397696	-90	360	9	0	9	9	4.5	29
17TNAC1585	T4	497816	9397672	-90	360	15	0	15	15	4.6	29
17TNAC1586	T4	498064	9397526	-90	360	15	0	15	15	2.0	19
17TNAC1587	T4	498103	9397505	-90	360	15	0	15	15	0.9	17
17TNAC1588	T4	498088	9397292	-90	360	15	0	15	15	0.7	21
17TNAC1589	T4	497687	9397744	-90	360	6	0	6	6	3.1	36
17TNAC1590	T4	497732	9397719	-90	360	3	0	3	3	2.3	40
17TNAC1591	T4	498143	9396790	-90	360	12	0	12	12	1.5	21
17TNAC1592	T4	497933	9396191	-90	360	15	0	15	15	1.0	24
17TNAC1593	T4	497821	9396034	-90	360	15	0	15	15	1.9	20
17TNAC1594	T4	497275	9395125	-90	360	12	0	12	12	1.4	25
17TNAC1595	T4	497099	9395008	-90	360	15	0	15	15	1.6	28
17TNAC1596	T4	496770	9394958	-90	360	21	0	21	21	2.6	30
17TNAC1597	T4	496726	9394991	-90	360	12	0	12	12	2.3	32
17TNAC1598	T3	495873	9394375	-90	360	3.5	0	3.5	3.5	2.6	24
17TNAC1599	T3	495685	9394429	-90	360	6	0	6	6	1.9	25
17TNAC1600	T3	495487	9394490	-90	360	6	0	6	6	2.1	34
17TNAC1601	T3	495882	9394120	-90	360	3	0	3	3	1.9	28
17TNAC1602	T3	495834	9394133	-90	360	6	0	6	6	1.9	29
17TNAC1603	T3	495783	9394149	-90	360	6	0	6	6	1.9	27
17TNAC1604	T3	495730	9394162	-90	360	9	0	9	9	1.7	27
17TNAC1605	T3	495685	9394176	-90	360	3	0	3	3	0.6	12
17TNAC1606	T3	495634	9394191	-90	360	4.5	0	4.5	4.5	3.5	25
17TNAC1607	T3	495583	9394207	-90	360	6	0	6	6	7.0	27
17TNAC1608	T3	495534	9394221	-90	360	6	0	6	6	4.5	30
17TNAC1609	T3	495497	9394240	-90	360	6	0	6	6	3.2	28
17TNAC1610	T3	495428	9394253	-90	360	6	0	6	6	2.5	27
17TNAC1611	T3	495377	9394269	-90	360	7.5	0	7.5	7.5	1.9	33
17TNAC1612	T3	495327	9394283	-90	360	12	0	12	12	3.1	37
17TNAC1613	T3	495281	9394295	-90	360	10.5	0	10.5	10.5	1.9	27
17TNAC1614	T3	494719	9393362	-90	360	2.5	0	2.5	2.5	3.7	24
17TNAC1615	T3	494669	9393382	-90	360	4.5	0	4.5	4.5	3.8	31
17TNAC1616	T3	494754	9393732	-90	360	12	0	12	12	2.8	38
17TNAC1617	T3	494790	9393723	-90	360	15	0	15	15	4.5	41

Appendix 3 - Average downhole Air-core THM Data

17TNAC1618	T3	494826	9393927	-90	360	12	0	12	12	2.1	36
17TNAC1619	T3	494854	9393870	-90	360	6	0	6	6	3.5	31
17TNAC1620	T4-CHAN	496596	9394825	-90	360	18	0	18	18	1.9	35
17TNAC1621	T4-CHAN	496638	9394801	-90	360	42	0	42	42	3.5	23
17TNAC1622	T4-CHAN	496681	9394777	-90	360	39	0	39	39	4.4	25
17TNAC1623	T4-CHAN	496416	9394695	-90	360	42	0	42	42	2.8	20
17TNAC1624	T4-CHAN	496457	9394677	-90	360	42	0	42	42	3.5	20
17TNAC1625	T4-CHAN	496490	9394646	-90	360	42	0	42	42	4.4	20
17TNAC1626	T4-CHAN	496544	9394627	-90	360	42	0	42	42	4.4	22
17TNAC1627	T4-CHAN	496372	9394730	-90	360	42	0	42	42	3.6	16
17TNAC1628	T4-CHAN	496374	9394507	-90	360	42	0	42	42	1.9	19
17TNAC1629	T4-CHAN	496329	9394524	-90	360	42	0	42	42	2.1	16
17TNAC1630	T4-CHAN	496288	9394550	-90	360	42	0	42	42	2.0	16
17TNAC1631	T4-CHAN	496242	9394573	-90	360	42	0	42	42	1.8	17
17TNAC1632	T4-CHAN	496218	9394608	-90	360	42	0	42	42	3.4	19
17TNAC1633	T4-CHAN	496125	9394408	-90	360	42	0	42	42	2.9	20
17TNAC1634	T4-CHAN	496167	9394393	-90	360	42	0	42	42	2.8	19
17TNAC1635	T4-CHAN	496205	9394370	-90	360	42	0	42	42	2.9	17
17TNAC1636	T4-CHAN	496249	9394345	-90	360	12	0	12	12	2.5	22
17TNAC1637	T4-CHAN	496047	9394231	-90	360	18	0	18	18	2.9	20
17TNAC1638	T4-CHAN	496086	9394211	-90	360	12	0	12	12	2.6	23
17TNAC1639	T4-CHAN	496325	9394736	-90	360	42	0	42	42	2.7	20
17TNAC1640	T4	497781	9397459	-90	360	15	0	15	15	2.8	26
17TNAC1641	T4	497737	9397487	-90	360	9	0	9	9	2.4	26
17TNAC1642	T4	497691	9397510	-90	360	6	0	6	6	2.4	28
17TNAC1643	T4	497647	9397536	-90	360	6	0	6	6	2.1	33

Complete downhole intervals without cut-offs

Appendix 1

JORC Code, 2012 Edition – Table 1

Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.*	• Manual Auger drilling was used to obtain samples for analysis at 1m intervals • Aircore drilling was used to obtain samples for analysis at 1.5m intervals • Each 1.5m sample was homogenized within the sample bag by rotating the sample bag • A sample of sand, approx. 20gm, is scooped from the sample bag for visual THM% estimation and logging. The same sample mass is used for every pan sample for visual THM% estimation • The standard sized sample is to ensure calibration is maintained for consistency in visual estimation • A sample ledger is kept at the drill rig for recording sample intervals and sample mass, and photographs are taken of samples for each hole to cross-reference with logging • 1m auger drill samples have an average weight of 3.5kg and were split down to approximately 500gram using a levelled riffles splitter on a firm a surface for export to the processing laboratory • The large 1.5m Aircore drill samples have an average of about 8kg and were split down to approximately 500g by using a levelled riffle splitter on a firm surface for export to the processing laboratory • The laboratory sample was dried, de-slimed (removal of -45µm fraction) and then had oversize (+1mm fraction) removed. Approximately 100gm of sample was then split to use for heavy liquid separation using TBE to determine total heavy mineral content
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	• Open hole manual auger drilling using 1m long rods and a 62mm hole • Aircore drilling with inner tubes for sample return was used • Aircore is considered a standard industry technique for HMS mineralization. Aircore drilling is a form of reverse circulation drilling where the sample is collected at the face and returned inside the

Appendix 4 – JORC Table 1

Criteria	JORC Code explanation	Commentary
		inner tube • Aircore drill rods used were 3m long • NQ diameter (76mm) drill bits and rods were used • All drill holes were vertical
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	• Auger drilling is considered to be an early stage relatively unsophisticated technique of drilling • It is open hole and drill recoveries are estimated according to the volume of drill spoils that forms around the holes. • No significant losses of sample were observed due to the shallow depths of drilling (<6m.) • A very small volume of water is added to the hole if the soils become too sandy to aid recovery of the sample • Auger drilling is stopped when the sample return is deemed inadequate or a depth of 6m is reached • There is potential for contamination in open hole drilling techniques but sample bias is not likely due to the shallow drill hole de • AC Drill sample recovery is monitored by measuring and recording the total mass of each 1.5m sample at the drill rig with a standard spring balance • While initially collaring the hole, limited sample recovery can occur in the initial 0.0m to 1.5m sample interval owing to sample and air loss into the surrounding loose soil • The initial 0.0m to 1.5m sample interval is drilled very slowly in order to achieve optimum sample recovery • The entire 1.5m sample is collected at the drill rig in large numbered plastic bags for dispatch to the initial split preparation facility • At the end of each drill rod, the drill string is cleaned by blowing down with air to remove any clay and silt potentially built up in the sample pipes • The twin-tube aircore drilling technique is known to provide high quality samples from the face of the drill hole • Wet and moist samples are placed into large plastic basins to air dry in the field prior to splitting
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical*	• The 1m auger and 1.5m aircore samples were each qualitatively logged onto paper field sheets prior to digital entry into a Microsoft Excel spreadsheet

Appendix 4 – JORC Table 1

Criteria	JORC Code explanation	Commentary
	studies. • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	• The auger and aircore samples were logged for lithology, colour, grainsize, rounding, sorting, estimated THM%, estimated Slimes% and any relevant comments - such as slope, vegetation, or cultural activity • Every drillhole was logged in full • Logging is undertaken with reference to a Drilling Guideline with codes prescribed and guidance on description to ensure consistent and systematic data collection
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• The entire 1m auger and 1.5m AC drill sample collected at the source was dispatched to a sample preparation facility to split with a level riffle splitter to reduce sample size • The water table depth was noted in all geological logs if intersected • Samples with aggregates are gently hit with a rubber mallet to break them down so the sample with flow easily through the splitter chutes • A total of 400 to 600gm of each sample was inserted into calico sample bags and exported to Western Geolabs in Perth for analysis • Employees undertaking the splitting are closely monitored by a geologist to ensure sampling quality is maintained • Almost all of the samples are sand, silty sand, sandy silt, clayey sand or sandy clay and this sample preparation method is considered appropriate • The sample sizes were deemed suitable to reliably capture THM, slime, and oversize characteristics, based on industry experience of the geologists involved and consultation with laboratory staff • Field duplicates of the samples were completed at a frequency of 1 per 25 primary samples • Standard Reference Material samples are inserted into the sample stream in the field at a frequency of 1 per 50 samples
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* • *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	• The wet panning at the drill site provides an estimate of the THM% which is sufficient for the purpose of determining approximate concentrations of THM in the first instance Auger samples – the results presented in this release refer to visual panned samples only. The Auger samples will be sent to Perth for THM analysis at Western Geolabs Aircore sample: • The individual 1.5m aircore sub-samples (approx. 500g) were assayed by Western Geolabs in Perth, Western Australia, which is

Appendix 4 – JORC Table 1

Criteria	JORC Code explanation	Commentary
		considered the Primary laboratory • The aircore samples were first screened for removal and determination of Slimes (-45µm) and Oversize (+1mm), then the sample was analysed for total heavy mineral (-1mm to +45µm) content by heavy liquid separation • The laboratory used TBE as the heavy liquid medium – with density range between 2.92 and 2.96 g/ml • This is an industry standard technique • Field duplicates and HM Standards are alternatively inserted into the sample string at a frequency of 1 per 25 primary samples • Western Geolabs completed its own internal QA/QC checks that included laboratory repeats every 10th sample prior to the results being released • Analysis of QA/QC samples show the laboratory data to be of acceptable accuracy and precision • The adopted QA/QC protocols are acceptable for this stage test work • Test work has been undertaken at a Secondary laboratory (Diamantina Laboratory) to check the veracity of the Primary laboratory data. 1/40 samples are submitted to Diamantina for seconday THM analysis
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• All results are checked by the Chief, in addition to the independent consulting Resource Geologist when appropriate • The company Chief Geologist and independent Resource geologist make periodic visits to the laboratory to observe sample processing • A process of laboratory data validation using mass balance is undertaken to identify entry errors or questionable data • Field and laboratory duplicate data pairs (THM/oversize/slime) of each batch are plotted to identify potential quality control issues • Standard Reference Material sample results are checked from each sample batch to ensure they are within tolerance (<2SD) and that there is no bias • The field and laboratory data has been updated into a master spreadsheet which is appropriate for this stage in the programme. Data validation criteria are included to check for overlapping sample intervals, end of hole match between 'Lithology', 'Sample', 'Survey' files, duplicate sample numbers and other common errors • Several twin holes were drilled in the programme • No adjustments are made to the primary assay data

Appendix 4 – JORC Table 1

Criteria	JORC Code explanation	Commentary
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	• Down hole surveys for shallow auger of aircore holes are not required • A handheld GPS was used to identify the positions of the drill holes in the field. The handheld GPS has an accuracy of +/- 10m in the horizontal • The datum used is WGS84 and coordinates are projected as UTM zone 37S • The drillhole collar elevation was collected from a detailed Digital Terrain Model or the original GPS data • The accuracy of the locations is sufficient for this stage of exploration
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* • *Whether sample compositing has been applied.*	Auger Drilling • The holes were drilled using 400m lines 100m apart • The entire 1m downhole samples was logged and sampled Aircore Drilling • The infill drilling was designed to bring the current drillhole density to 200m x 50m to provide a high degree of confidence in the geological model • Each aircore drill sample is a single 1.5m sample of sand intersected down the hole • No compositing has been applied to models for values of THM, slime and oversize • Compositing of samples will be undertaken on HM concentrates for mineral assemblage determination. Composite samples will be classified high grade (approximately >2%THM) and low grade (approximately <2%THM)
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• The auger and aircore drilling was oriented perpendicular to the strike of mineralization defined by drilling data • The strike of the mineralization is sub-parallel to the contemporary coastline and is known to be relatively well controlled by the 20m topographic contour and also coincides with a radiometric anomaly • Drill holes were vertical and the nature of the mineralisation is relatively horizontal • The orientation of the drilling is considered appropriate for testing the lateral and vertical extent of mineralization without any bias
Sample security	• *The measures taken to ensure sample security.*	• Auger and aircore samples remained in the custody of Company representatives while they were transported from the field to Dar es Salaam for final packaging and securing • The samples were then sent using a commercial transport company

Appendix 4 – JORC Table 1

Criteria	JORC Code explanation	Commentary
		(Deugro) to Perth and delivered directly to the laboratory after quarantine inspection • The laboratory inspected the packages and did not report tampering of the samples
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• Internal reviews were undertaken

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a license to operate in the area.*	• The exploration work was completed on tenements that are 100% owned by the Company in Tanzania or are able to be acquired for 100% ownership • The drill samples were taken from tenement PL 7321/2011, • The tenement has exceeded it intial 4 years and have been reduced by 50% but are valid until 20 Dec. 2018 • Traditional landowners and village Chiefs of the affected villages and farms were consulted supportive of the drilling program
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• Historic exploration work was completed by Tanganyika Gold in 1998 and 1999. OmegaCorp undertook reconnaissance exploration in 2005 and 2007. The Company has obtained the hardcopy reports and maps in relation to this Tanganyika and OmegaCorp information • The historic data comprises surface sampling, limited aircore drilling and mapping

Appendix 4 – JORC Table 1

Criteria	JORC Code explanation	Commentary
		• Jacana Resources undertook auger drilling in 2012 on an over the mineralised area defined by Tanganyika and Omega
Geology	• *Deposit type, geological setting and style of mineralisation.*	• Two types of heavy mineral placer style deposits are possible in Tanzania 1. Thin but high grade strandlines which may be related to marine or fluvial influences 2. Large but lower grade deposits related to windblown sands • The coastline of Tanzania is not well known for massive dunal systems such as those developed in Mozambique, however some dunes are known to occur and cannot be discounted as an exploration model. Palaeo strandlines are more likely and will be related to fossil shorelines or terraces in a marine or fluvial setting. In Tanzania three terraces have been documented and include the Mtoni terrace (1-5m ASL), Tanga (20-40m ASL) and Sakura Terrace (40 to 60m ASL). Strandline mineral sand accumulations related to massive storm events are thought to be preserved at these terraces above the current sea level.
Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* ○ *easting and northing of the drill hole collar* ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* ○ *dip and azimuth of the hole* ○ *down hole length and interception depth* ○ *hole length.* • *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*	• The drill hole data are reported in appendices 1, 2 and 3
Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.* • *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.*	• Length weighted intervals are reported in full for each hole (Appendix 3)

Appendix 4 – JORC Table 1

Criteria	JORC Code explanation	Commentary
	• *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').*	• The nature of the mineralisation is broadly horizontal, thus vertical aircore holes are thought to represent close to true thicknesses of the mineralisation • Downhole widths are reported
Diagrams	• *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	• Figures and plans are displayed in the main text of the Release
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• All material results have been reported and tabulated in appendices 1, 2 and 3.
Other substantive exploration data	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	• Mineral assemblage work for the Tajiri North and Tajiri mineral assemblages have been reported • Testwork completed to date have not identified any contaminants in the VHM
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• Additional Aircore drilling is planned (200m x 50m) to extend and infill zones of mineralization along the new channel zone • The Company is considering using GPR to define basement/sediment contacts which will enable the Company to drill the thick channel targets more effectively. • A number of bulk samples comprising 50 to 100 kg is planned for submission in 2017 for determing process recovery and final product specification for the Tajiri Mineral Resources updates