ASX ANNOUNCEMENT

5 February 2015

STRANDLINE resources limited

ABN 32 090 603 642

DRILLING SUCCESS AT SOUTHERN TANZANIAN HEAVY MINERAL SANDS PROJECTS - High Grade Mineralisation Discovered

Company Facts

Strandline Resources (ASX: STA) - Exposure to major 'construction ready' Coburn Heavy Mineral Sands Project in Western Australia and emerging country-wide exploration play in Tanzania, within a major mineral sands producing corridor

Key projects:

- Coburn Heavy Mineral Sands Project, WA (100%)
- Tanzanian Heavy Mineral Sands Exploration Projects (100%)
- Mt Gunson Copper Exploration Project, SA (100%)
- Mt Gunson MG14/Windabout Copper-Cobalt-Silver Development Project, SA (100%)
- Fowlers Bay Nickel Project, SA (100%) – Western Areas Earning In

Corporate Structure

Shares on issue	615.5m
Unlisted Options	15.6m

Company Directors

Michael Folwell
Non-Executive Chairman

Richard Hill
Managing Director

Bill Bloking
Non-Executive Director

Didier Murcia
Non-Executive Director

Investor Enquiries

Warrick Hazeldine
Cannings Purple
E: whazeldine@canningspurple.com.au
T: +61 (0) 417 944 616

Highlights

- Maiden auger drill program discovers significant intervals of shallow, high grade mineralisation below extensive surface anomalies at **Madimba Project**
- Better results (to an average depth of less than 6m) include:
  - 7m @ 7.06% Total Heavy Mineral (THM) from surface ending in 12.36% THM
  - 7.5m @ 4.10% THM from surface ending in 4.8% THM
  - 6m @ 3.42% THM from surface ending in 3.31% THM
- Low slimes content associated with high grade THM results
- Mineralisation open (and often improving) at depth, confirming potential for high grade strands
- First results from mineral assemblage testwork by the end of February
- Follow up drilling planned for early in the June quarter 2015
- Discovery very close to key export infrastructure, including Mtwara Port
- Assay results from adjacent Ziwani project pending

Strandline Resources Limited ("Strandline" or the "Company") advises that the first batch of assays from the maiden auger drilling (to an average depth of only 6m) at its 100%-owned Madimba Project (PL 9970/2014) in southern Tanzania confirm extensive zones of THM mineralisation starting from surface, with several holes ending in the highest grades encountered.

The assay results received from Madimba have confirmed earlier reported pan sample visual logs and, in some cases, materially exceeded the estimated visual logging by Strandline's geologists. Significantly the surface footprints of the anomalies show size potential for higher grade strands within the bulk tonnage mineralisation. As previously reported the mineralisation contains visible indications of valuable heavy minerals such as zircon. The shallow drilling has also shown evidence of a low slime style of mineralisation which has positive mining and processing implications.

Concentrate samples have been sent for mineral assemblage characterisation and mineral chemistry analysis with results expected by the end of February 2015. The next round of work at the Madimba Project includes a ground magnetic survey and infill auger drilling prior to an aircore (AC) drilling program to test the resource potential of the mineralisation.

Strandline Managing Director, Richard Hill said: "These exciting early results at the Madimba Project represent only the first stages of a campaign to test a series of promising regional targets in southern Tanzania generated by the Company's in–house database and regional mapping of areas never previously drill tested.

"Importantly, this first shallow investigation beneath the extensive Madimba surface anomalies is confirming the potential for mineralisation with scale and grade potential consistent with the Company's objective to discover and develop a significant resource or series of resources with high unit value close to coastal infrastructure in Tanzania."

The Madimba project is located less than 20km from well-developed port facilities at Mtwara that has capacity to export containerised high unit value concentrates or sufficient acreage to set up conveyors or other methods of bulk handling concentrate. A major construction and expansion project is underway at Mtwara related to the discovery and development of onshore and offshore gas (see Figure 1).

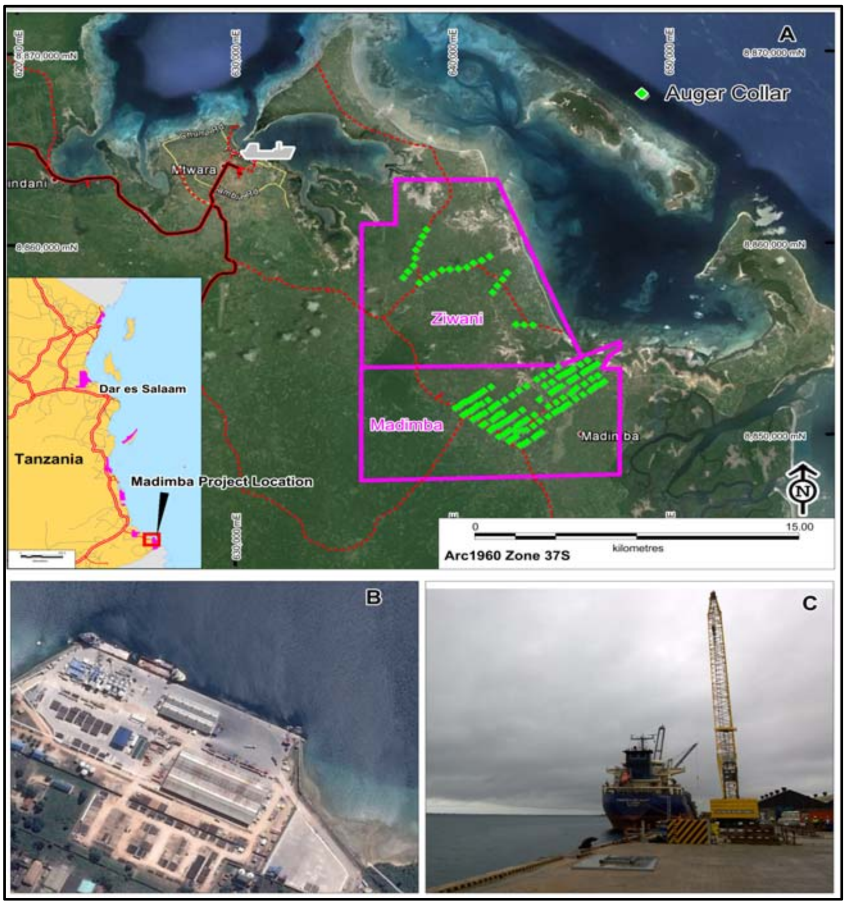

Figure 1. Location of Madimba and Ziwani projects in relation to Mtwara in southern Tanzania (A); satellite image of port facilities (B); and containerised ship facilities (C)

Background

Late in 2014 the Company completed its first auger drill program across several of its southern Tanzanian Projects, namely Madimba, Madimba East and Ziwani. The drilling was designed to test beneath the historical THM surface anomalies generated from the Company's exclusive geochemical database and recent reconnaissance sampling. As previously reported the historic HM database also has some characterisation data from the Mtwara area that yielded 55.7% TiO_2 from 19 ilmenite grain samples tested. The mineral assemblage data ranged between 8% – 11% combined rutile and zircon (Z+R) grades from the valuable mineral concentrate.

A total of 115 auger holes were drilled on a broad pattern at Madimba and Madimba East comprising a total of 640m and a total of 337 samples including field duplicates. Better results from the auger drilling (to an average depth of less than 6m) include:

- 7m @ 7.06% THM from surface ending in 12.36% THM;
- 7.5m @ 4.10% THM from surface ending in 4.8% THM; and
- 6m @ 3.42% THM from surface ending in 3.31% THM.

The aim of the auger drilling program is to demonstrate sufficient scale, grade, continuity and assemblage potential of the HMS mineralisation (down hole and between holes) to move to aircore (AC) drilling and potential resource definition as soon as possible.

It is important to note that hole depths have been limited to 6m and many holes end in mineralisation (>1.5% estimated THM). Therefore, in most cases, the depth potential has not been fully tested, mineralisation remains open awaiting further testing with more sophisticated methods of drilling (such as AC).

Discussion of Results

At the +1% THM level, the anomaly at Madimba East now comprises three zones of surface anomalism extending over an area of 2.7km x 1.85km along a broad northeast trending corridor. The central Madimba anomaly extends 3km in a southeast orientation with a width of 1.5km at the +1% THM level (see Figure 2). The area is currently broadly drilled on a 400m x 400m pattern with some closer spaced drilling at 400m x 200m where elevated HMS was logged down holes. Downhole geochemical analysis has been based on 2m intervals. The local geology comprises mainly free-flowing, low slimes, quartz-rich sands at Madimba East while at Madimba the soils have slightly higher clay/slimes content. The results from the three consecutive high grade holes at Madimba East (MTPA065, 066 and 068 – see Figure 3) all end in moderate to high grade mineralisation and extend over 400m along the drill line. The orientation of mineralisation at Madimba East is currently interpreted as northeast, but is expected to be better constrained with additional infill auger drilling. With laboratory data confirming visual THM grades, deeper drilling will be required in the next phase of fieldwork to determine the depth extent of the mineralisation.

The auger drill results represent a shallow investigation of two potential models for HMS mineralisation that include high grade strand related mineralisation at Madimba East and lower grade larger scale HMS mineralisation at Madimba. Importantly the Madimba anomalies are proximal to the regionally significant Rovuma River, which carries a large HMS sediment load derived from weathered source rocks of the Mozambique Mobile Belt. Significant results are summarised in Table 1 and all of the results presented in Appendix 2 & 3.

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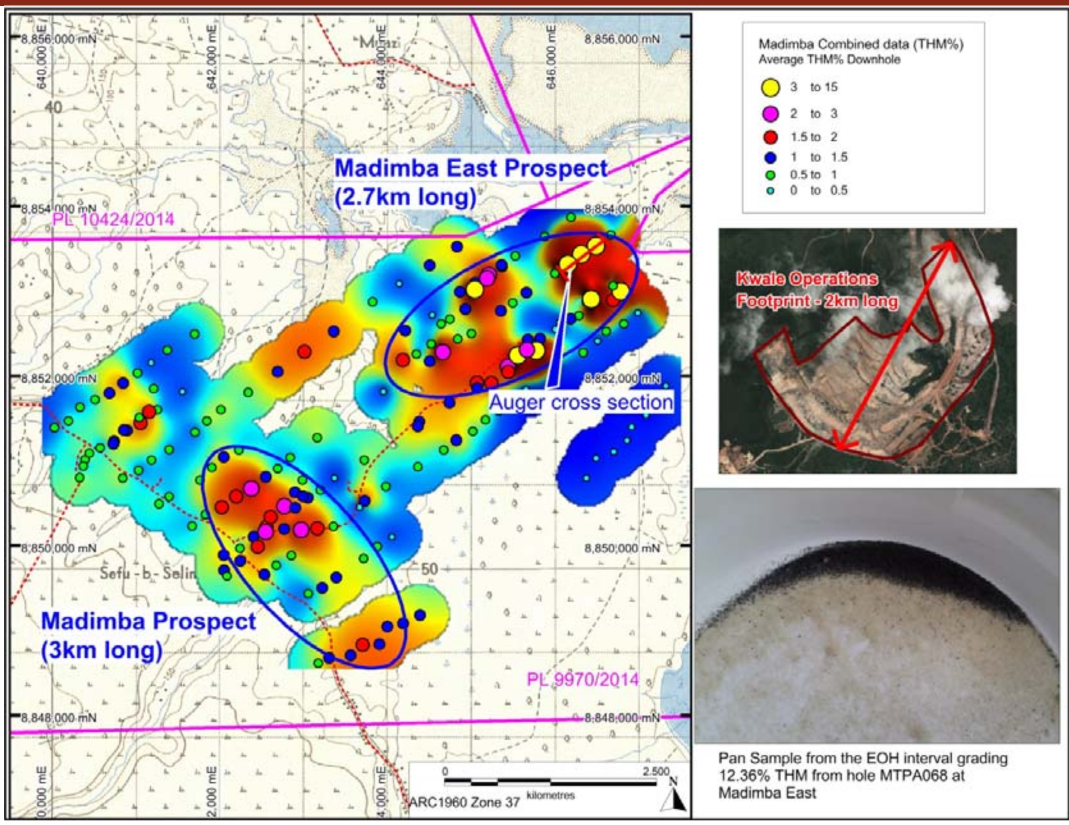

Figure 2. Auger drilling survey imaged using average down hole grade incorporated with the historic surface sampling.

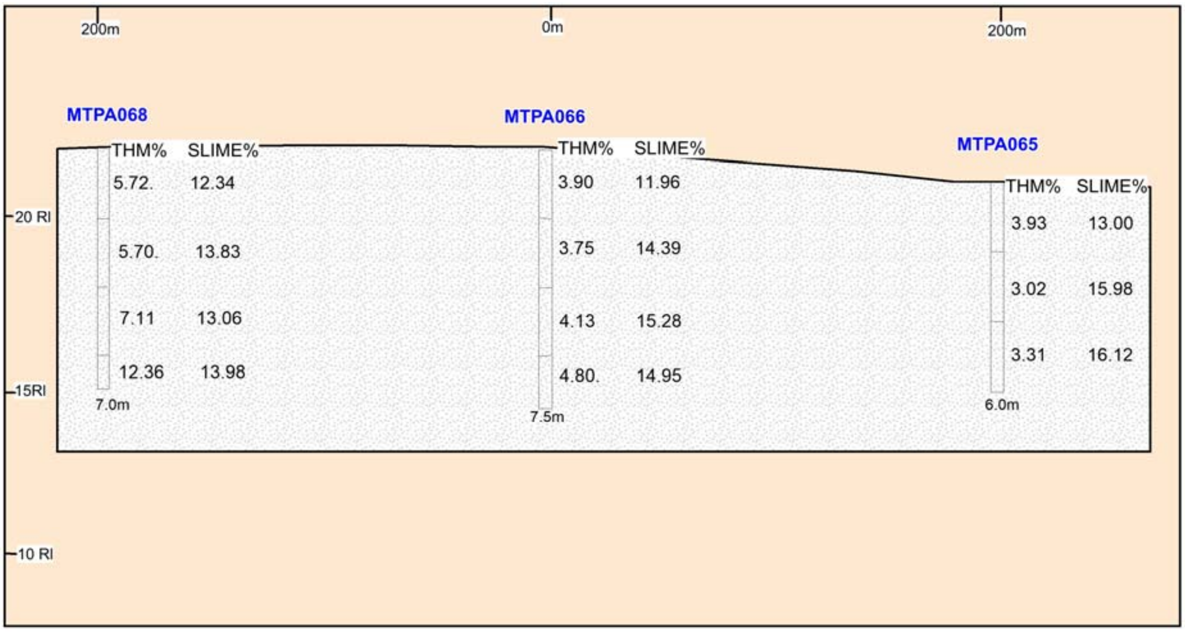

Figure 3. Cross-section along holes MTPA065, 066 and 068 (for location see Figure 2). Width of section is 400m and a vertical exaggeration of 25. Assay intervals are 2m with THM% is the left column (magenta) and slime on the right column (black).

HoleID	East	North	RL	Azimuth	Dip	EOH	Prospect	Total downhole THM% results (all from surface)
MTPA002	642987	8850493	46	360	-90	6	Madimba	6m @ 2.31% THM and 23.92% slime
MTPA011	645419	8852416	23	360	-90	7	Madimba East	7m @ 2.35% THM and 20.06% slime
MTPA053	642398	8850980	51	360	-90	6	Madimba	6m @ 2.65% THM and 24.32% slime
MTPA058	644652	8852591	18	360	-90	6	Madimba East	6m @ 2.72% THM and 16.01% slime
MTPA065	646458	8853840	21	360	-90	6	Madimba East	6m @ 3.42% THM and 15.03% slime
MTPA066	646284	8853743	22	360	-90	7.5	Madimba East	**7.5m @ 4.10% THM and 14.09% slime, EOH 4.8% THM**
MTPA068	646128	8853629	22	360	-90	7	Madimba East	**7m @ 7.06% THM and 13.21% slime. EOH 12.36% THM**
MTPA077	645197	8853501	19	360	-90	6	Madimba East	6m @ 2.43% THM and 13.55% slime
Note: Datum ARC1960, Zone 37 south								

Table 1. Location details for selected drill holes from the Auger drill program showing significant intervals of THM encountered at the Madimba and Madimba East prospects

Future Work

The Company has submitted selected concentrate samples from Madimba for mineral assemblage characterisation and mineral chemistry analysis with results expected by the end of February 2015. The assay results for the drill program completed at the neighbouring Ziwani prospect are pending. Future on-ground activities planned for Madimba include a ground magnetic survey and infill auger drilling prior to planning an aircore (AC) drilling program to test the resource potential of the mineralisation.

These exciting early results at the Madimba Project represents only the first stages of a campaign to test a series of regional targets in southern Tanzania generated by the Company's in–house database and regional mapping of areas never previously drill tested (see Figure 4).

Strandline Resources still has many other HMS anomalies along the Tanzanian coast and Mafia Island that require first pass examination and auger drilling. It remains the Company's objective to complete this important first round of auger drilling across the projects to assist in prospect prioritisation and definition of anomalies with the size and grade potential to generate a significant HMS resource or series of Resources close to coastal infrastructure.

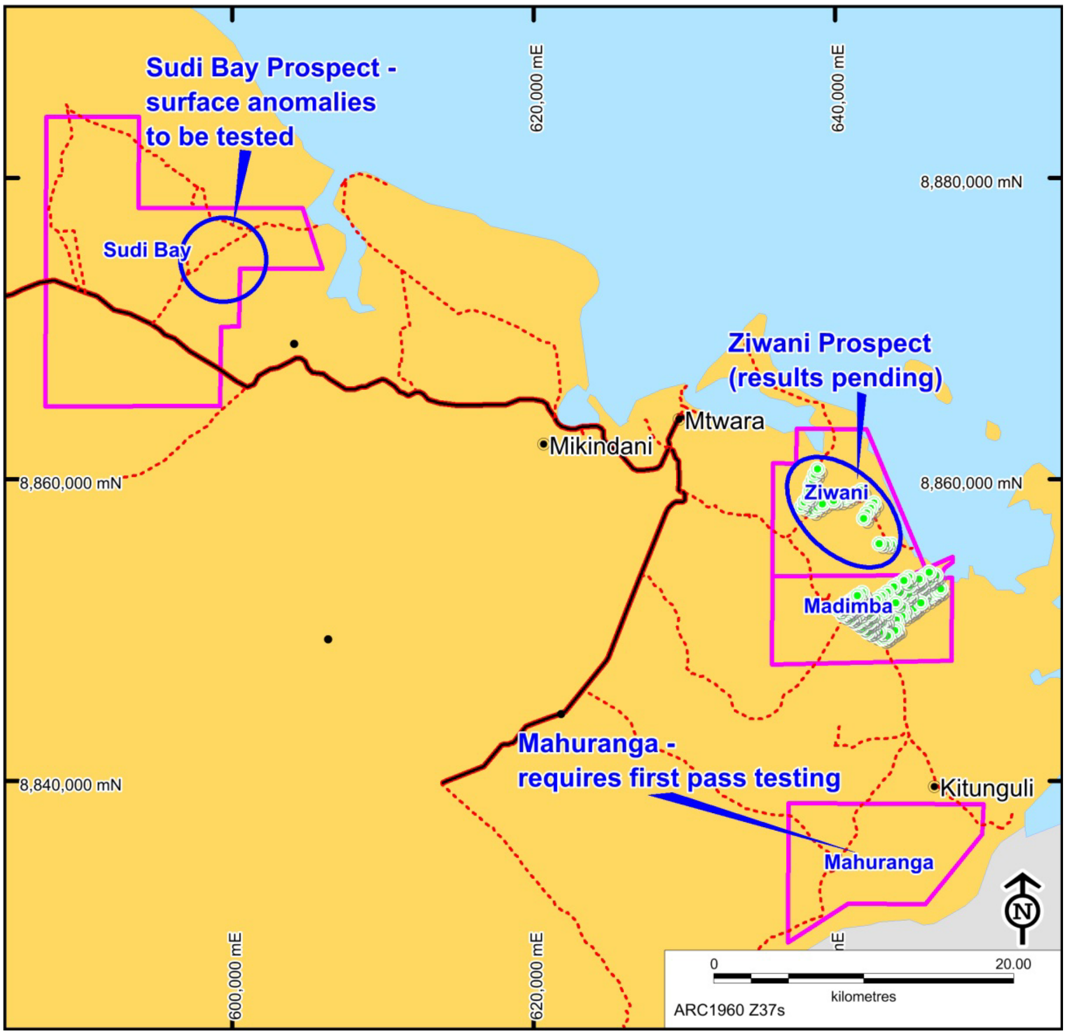

Figure 4. Southern Tanzania project areas and status

About Strandline's 100% owned Tanzanian Mineral Sands Projects

Strandline now controls a dominant (2000km²) mineral sands exploration position along the coast of Tanzania, within a major world class mineral sands corridor. This is the result of careful targeting over a three year period. These projects are surrounded by some of the world's major world-class mineral sands mines, located in neighbouring Kenya, Mozambique, Madagascar and South Africa (see Figure 5).

Prospective areas held by Strandline include five projects along the coast where tenure contiguously covers +35-50km of coastline exposure, cumulatively ~200 km strike, and all targets are within 20kms of the coast, close to ports and other key infrastructure (Figure 6). Given the extent and location of these target areas and the strong historical evidence, Strandline is targeting scalable, high grade, high quality, high value mineral assemblages (ilmenite, rutile and zircon) close to infrastructure that have potential to be rapidly brought into production.

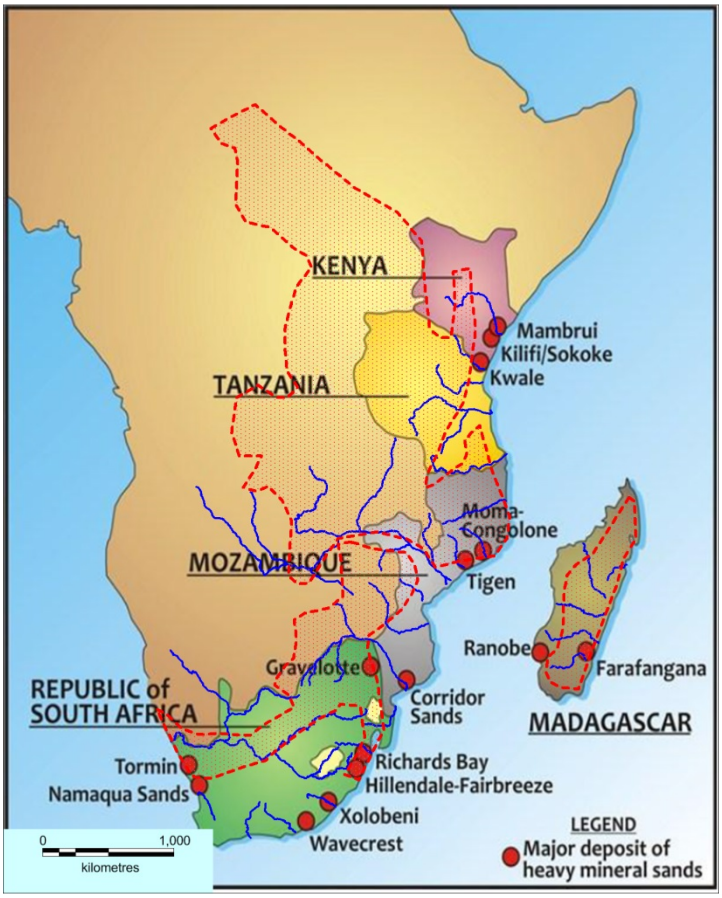

Figure 5. SE Africa – World Class mineral sands region.

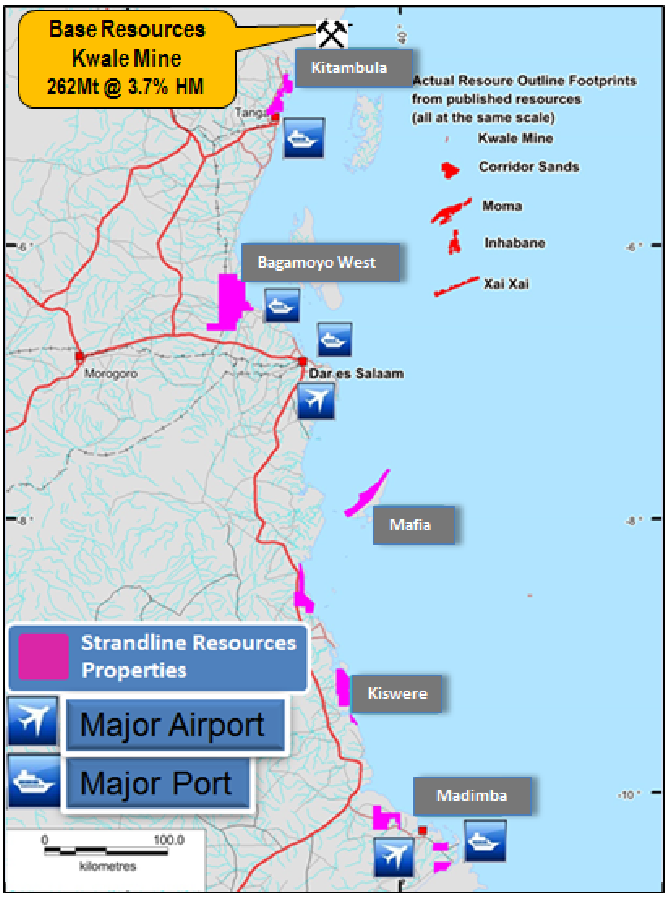

Figure 6. Tanzania coast showing key projects and infrastructure.

For further enquiries, please contact:

Richard Hill
Managing Director
Strandline Resources Limited
T: +61 8 9226 3130
E: enquiries@strandline.com.au
Website: www.strandline.com.au

Media*: *Warrick Hazeldine/Michael Vaughan
Cannings Purple Strategic Communications
T: + 61 (0) 417 944 616/+ 61 (0) 8 6314 6351
E: whazeldine@canningspurple.com.au

COMPETENT PERSON STATEMENT

The details contained in the document that pertains to exploration results, ore and mineralisation is based upon information compiled by Dr Mark Alvin, a consultant to Strandline. Dr Alvin is a Member of The Australasian Institute of Mining and Metallurgy and has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Dr Alvin consents to the inclusion in this release of the matters based on the information in the form and context in which it appears.

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.*	• Panned samples were taken from shallow holes dug with a spade to a depth of 30cm • A small cap of sand was scooped from the side of the hole • The same cap is used for every pan sample • The standard sized cap sample is to ensure visual calibration is maintained for consistency in visual estimation • The samples are panned as reconnaissance technique to assist with identifying more prospective units and mapping of THM occurrences • The Auger drill spoil is collected as a 2m composite sample and then homogenised and split by cone-and-quarter method at the drill site to a 5kg sample and bagged • The field samples are then taken back to the field camp for riffle spitting into smaller sub-sample sizes of 200 – 400gm which are then sent to the laboratory for further sample size reduction and preparation for final analysis
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).*	• Auger drilling using a mobile hydraulic system by Dormer Engineering • Drill rods are 1m long • 62mm open hole drilling technique
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

Criteria	JORC Code explanation	Commentary
		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 depths
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 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 surface sample was wet panned to obtain an estimate of the THM content and slimes • The 2.0m drill intervals were logged onto paper field sheets prior to updating into an excel spreadsheet. • The auger samples were logged for lithology, colour, grainsize, rounding, sorting, visual THM, slimes and any relevant comments - such as slope and vegetation
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 homogenized 2m drill spoil composites were quarter-coned onsite and then split in a field camp with a single layer riffle splitter to reduce sample size • A total of 200 to 400gm was deposited into paper geochem bags and sent to the laboratory for analysis • The sample sizes were deemed suitable based on industry experience of the geologists involved • Field duplicates of the samples were completed at a rate of 5%
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 surface pan samples was not assayed • The wet panning provided an estimate of the THM content which was sufficient for the purpose of determining approximate concentrations of THM at this early stage Auger Composites • The individual 2m auger samples were assayed by BUREAU VERITAS in Johannesburg, South Africa • The auger samples were analysed for Total Heavy Mineral (-1mm to +45micron), Slimes (-45micron), oversize (+1mm), Float (-1mm to +45micron) and a mass balance check • The laboratory used TBE – density range between 2.81 and 2.89 g/ml as the density medium

Criteria	JORC Code explanation	Commentary
		• This is an industry standard technique • Field duplicates of the samples were completed at a rate of 5% • BUREAU VERITAS completed its own internal QA/QC checks that included bulked standards and duplicates very 20 twentieth sample prior to the results being released • The density medium was checked every morning and then after every 20 samples by volumetric flask • The adopted QA/QC protocols are acceptable for this early stage exploratory testwork • No external laboratory testwork has been undertaken
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.*	• The data has been manually updated into a master spreadsheet which is appropriate for this early stage in the exploration program
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.*	• A handheld GPS was used to identify the positions of the pan sample in the field • The handheld GPS has an accuracy of +/- 5m • The datum used is Arc1960 zone 37S • The accuracy of the locations is sufficient for this early stage 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.*	• Various grid spacing was used in the Auger program ranging from 400 x 200 or 200 x 200m • The 200m spaced Auger holes are sufficient to provide a moderate degree of geological and grade continuity within the top 6m • Closer spaced drilling will be undertaken at the appropriate stage of exploration to increase confidence • The data has not been used for resource estimation
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.*	• Pan samples were taken on a regional scale so their orientation to geologic structure is unknown. • The Auger drilling was oriented perpendicular to the current coast line which approximates the potential orientation of the palaeo-strandline or dunal structures
Sample	• *The measures taken to ensure sample security.*	• No samples were submitted for geochemical analysis using the

Criteria	JORC Code explanation	Commentary
security		surface pan samples concentrates • Auger samples remained in the custody of Company representatives until they were transported to Dar Es Salaam for final packaging and securing • The samples were then sent using DHL to Johannesburg and delivered directly to the laboratory • 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.*	• No audits or reviews have been 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 licence 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 tenements from which surface or auger sampling has been mentioned in this release include PL10424/2014 and PL 9970/2014 • All granted tenements had a four year term • Traditional landowners and Chiefs of the affected villages were supportive of the pan sampling 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 • The Company has obtained the hardcopy reports and maps in relation to this information • The historic data comprises surface sampling, limited AC drilling and mapping • The historic results are not reportable under JORC 2012
Geology	• *Deposit type, geological setting and style of mineralisation.*	• Two types of heavy mineral sand style 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

Criteria	JORC Code explanation	Commentary
		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 ancient 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:* o *easting and northing of the drill hole collar* o *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* o *dip and azimuth of the hole* o *down hole length and interception depth* o *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.*	• See Appendix 1 for drill hole information.
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.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• Weighted averaging has been used to calculate the intervals in Table 1 of the main text. • Down hole widths are reported • The raw assay data is presented in the Appendix 2
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').*	• Auger holes are thought to represent close to true thicknesses of the mineralisation • Downhole widths are reported

Criteria	JORC Code explanation	Commentary
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
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 raw data is presented and available for review in Appendix 1 and 2
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.*	• No other material exploration information has been gathered by Strandline resources. • Historic information for the area around Madimba has shown the Ti content of the ilmenite to average 55.7% TiO2 • Historic information has shown the VHM of some samples from this area contain between 8% and 11% combined rutile and zircon
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.*	• Further work will include additional auger sampling, infill auger sampling with potentially some ground magnetics • Should sufficient targets be generated an AC drill program is planned • Additional mineral and assemblage analysis will also be undertaken on suitable composite HM samples to determine valuable heavy mineral • As the project advances TiO2 and contaminant test work will also be undertaken • Satellite image acquisition and LIDAR radar imaging is also being considered • Processing of regional 1km spaced magnetic data is also planned

Appendix 2 – drill collar information

HoleID	Easting	Northing	RL	Azimuth	Dip	Datum	UTMZone	License	End Hole
MTPA001	643178	8850511	38	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA002	642987	8850493	46	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA003	642787	8850506	50	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA004	642575	8850529	50	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA005	643368	8850538	31	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA006	643675	8850767	17	360	-90	ARC1960	37S	PL 9970/2014	2
MTPA007	643732	8851321	16	360	-90	ARC1960	37S	PL 9970/2014	2
MTPA008	644377	8851775	16	360	-90	ARC1960	37S	PL 9970/2014	6.4
MTPA009	644734	8851993	17	360	-90	ARC1960	37S	PL 9970/2014	7.8
MTPA010	645054	8852232	18	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA011	645419	8852416	23	360	-90	ARC1960	37S	PL 9970/2014	7
MTPA012	645543	8852587	22	360	-90	ARC1960	37S	PL 9970/2014	5.5
MTPA013	645655	8852738	22	360	-90	ARC1960	37S	PL 9970/2014	5
MTPA014	646030	8852942	20	360	-90	ARC1960	37S	PL 9970/2014	4
MTPA015	646361	8853191	20	360	-90	ARC1960	37S	PL 9970/2014	4
MTPA016	646662	8853374	15	360	-90	ARC1960	37S	PL 9970/2014	7
MTPA017	645314	8851902	19	360	-90	ARC1960	37S	PL 9970/2014	8
MTPA018	645008	8851658	21	360	-90	ARC1960	37S	PL 9970/2014	7
MTPA019	645156	8851796	21	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA020	644815	8851553	18	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA021	644667	8851439	15	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA022	644361	8851239	15	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA023	643986	8851005	24	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA024	645634	8852150	21	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA025	645983	8852374	18	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA026	646309	8852585	18	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA027	646580	8852836	14	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA028	646786	8852924	10	360	-90	ARC1960	37S	PL 9970/2014	4
MTPA029	646954	8853056	10	360	-90	ARC1960	37S	PL 9970/2014	5.8
MTPA030	646478	8852722	17	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA031	643214	8850964	33	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA032	643065	8850876	39	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA033	642916	8850757	48	360	-90	ARC1960	37S	PL 9970/2014	4
MTPA034	643381	8851108	29	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA035	642695	8850081	32	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA036	642425	8850414	52	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA037	642266	8850277	55	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA038	642077	8850199	52	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA039	642552	8849971	33	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA040	643069	8849743	37	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA041	643236	8849812	32	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA042	643401	8849935	27	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA043	643721	8850159	27	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA044	642872	8850192	29	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA045	644056	8850413	34	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA046	643884	8850299	35	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA047	642051	8850762	49	360	-90	ARC1960	37S	PL 9970/2014	4
MTPA048	641859	8850676	41	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA049	641703	8850539	43	360	-90	ARC1960	37S	PL 9970/2014	6

MTPA050	642858	8851348	30	360	-90	ARC1960	37S	PL 9970/2014	5.7
MTPA051	642709	8851218	35	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA052	642570	8851119	41	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA053	642398	8850980	51	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA054	642220	8850886	52	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA055	643176	8851582	19	360	-90	ARC1960	37S	PL 9970/2014	5
MTPA056	643956	8852123	11	360	-90	ARC1960	37S	PL 9970/2014	2
MTPA057	644503	8852482	17	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA058	644652	8852591	18	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA059	644832	8852748	19	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA060	644994	8852812	19	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA061	645340	8853076	20	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA062	645479	8853172	21	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA063	645638	8853293	21	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA064	645975	8853519	21	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA065	646458	8853840	21	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA066	646284	8853743	22	360	-90	ARC1960	37S	PL 9970/2014	7.5
MTPA067	646636	8853975	21	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA068	646128	8853629	22	360	-90	ARC1960	37S	PL 9970/2014	7
MTPA069	641313	8850803	46	360	-90	ARC1960	37S	PL 9970/2014	1.5
MTPA070	641433	8850886	38	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA071	641796	8851083	39	360	-90	ARC1960	37S	PL 9970/2014	5.8
MTPA072	642077	8851355	44	360	-90	ARC1960	37S	PL 9970/2014	4
MTPA073	644212	8852846	18	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA074	644532	8853027	19	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA075	644857	8853301	19	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA076	645038	8853412	19	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA077	645197	8853501	19	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA078	645354	8853603	18	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA079	645509	8853724	15	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA080	645855	8853952	17	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA081	646166	8854180	18	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA082	644823	8853836	16	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA083	644500	8853613	18	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA084	644143	8853400	21	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA085	643830	8853183	17	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA086	641935	8851233	48	360	-90	ARC1960	37S	PL 9970/2014	5
MTPA087	642252	8851437	36	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA088	643372	8852835	13	360	-90	ARC1960	37S	PL 9970/2014	2
MTPA089	643022	8852594	9	360	-90	ARC1960	37S	PL 9970/2014	2
MTPA090	642711	8852363	20	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA091	642042	8851913	27	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA092	642364	8852116	28	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA093	641737	8851648	27	360	-90	ARC1960	37S	PL 9970/2014	4
MTPA094	641430	8851441	30	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA095	641071	8851198	37	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA096	641224	8851322	35	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA097	640885	8851110	52	360	-90	ARC1960	37S	PL 9970/2014	2.2
MTPA098	641875	8851783	30	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA099	641590	8852125	20	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA100	641291	8851912	34	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA101	640443	8851326	63	360	-90	ARC1960	37S	PL 9970/2014	4.1

MTPA102	640618	8851464	56	360	-90	ARC1960	37S	PL 9970/2014	5.3
MTPA103	640785	8851542	52	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA104	640935	8851666	50	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA105	641079	8851820	44	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA106	640083	8851703	50	360	-90	ARC1960	37S	PL 9970/2014	2.4
MTPA107	640247	8851782	49	360	-90	ARC1960	37S	PL 9970/2014	2.5
MTPA108	640380	8851941	45	360	-90	ARC1960	37S	PL 9970/2014	4.6
MTPA109	640561	8852032	44	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA110	640731	8852107	42	360	-90	ARC1960	37S	PL 9970/2014	5.7
MTPA111	640888	8852227	36	360	-90	ARC1960	37S	PL 9970/2014	5
MTPA112	641058	8852344	30	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA113	641219	8852466	34	360	-90	ARC1960	37S	PL 9970/2014	5.7
MTPA114	641409	8852615	28	360	-90	ARC1960	37S	PL 9970/2014	6
MTPA115	641734	8852807	21	360	-90	ARC1960	37S	PL 9970/2014	6

Appendix 3 – THM assay information

HoleID	SampleID	From	To	THMSink -1mm+45mm %	Slimes -1mm+45mm %	Oversize+1mm %
MTPA001	MT00101	0	2	2.18	16.23	2.92
MTPA001	MT00102	2	4	1.65	21.67	4.78
MTPA001	MT00103	4	6	1.75	29.16	6.5
MTPA002	MT00201	0	2	2.8	13.16	3.05
MTPA002	MT00202	2	4	2.67	23.19	6.07
MTPA002	MT00203	4	6	1.46	35.4	3.01
MTPA003	MT00301	0	2	1.39	22.08	1.57
MTPA003	MT00302	2	4	1.45	32.75	2.33
MTPA003	MT00303	4	6	1.31	34.85	3.14
MTPA004	MT00401	0	2	1.7	17.54	1.93
MTPA004	MT00402	2	4	1.49	32.45	2.57
MTPA004	MT00403	4	6	1.46	33.16	3.39
MTPA005	MT00501	0	2	1.15	10.06	4.88
MTPA005	MT00502	2	4	0.72	13.07	5.72
MTPA005	MT00503	4	6	0.94	13.94	4.73
MTPA006	MT00601	0	2	0.46	15.03	7.01
MTPA007	MT00701	0	2	0.92	23.39	4.24
MTPA008	MT00801	0	2	1.31	12.76	0.91
MTPA008	MT00802	2	4	1.17	12.69	6.93
MTPA008	MT00803	4	6	1.01	11.73	6.06
MTPA008	MT00804	6	6.4	1.32	13.09	2.46
MTPA009	MT00901	0	2	1.32	15.33	3.76
MTPA009	MT00903	2	4	1.31	16.88	6.18
MTPA009	MT00904	4	6	1.26	14.22	6.76
MTPA009	MT00905	6	7.8	1.42	27.87	1.22
MTPA010	MT01001	0	2	2.06	11.74	4.95
MTPA010	MT01002	2	4	1.96	12.98	8.25
MTPA010	MT01003	4	6	1.54	9.45	16.72
MTPA011	MT01101	0	2	3.19	18.27	2.14
MTPA011	MT01102	2	4	2.64	21.42	2.37
MTPA011	MT01103	4	6	1.78	20.07	13.03
MTPA011	MT01104	6	7	1.24	20.9	3.7
MTPA012	MT01201	0	2	1.51	17.24	0.99
MTPA012	MT01202	2	4	0.98	27.41	2.27
MTPA012	MT01203	4	5.5	1.09	24.47	3.51
MTPA013	MT01301	0	2	1.44	17.99	2.9
MTPA013	MT01302	2	4	0.85	25.69	2.3
MTPA013	MT01303	4	5	0.93	16.98	8.18
MTPA014	MT01401	0	2	0.43	13.35	1.99
MTPA014	MT01402	2	4	0.37	12.07	3.21
MTPA015	MT01501	0	2	1.04	18.07	2.32

MTPA015	MT01502	2	4	1.14	18.21	3.86
MTPA016	MT01601	0	2	0.71	18.99	0.74
MTPA016	MT01602	2	4	0.53	17.49	5.48
MTPA016	MT01603	4	6	0.23	35.89	1.17
MTPA016	MT01604	6	7	0.53	44.88	0.5
MTPA017	MT01701	0	2	0.64	32.84	0.93
MTPA017	MT01703	2	4	0.45	35.98	0.61
MTPA017	MT01704	4	6	0.51	26.58	4.73
MTPA017	MT01705	6	8	0.98	17.76	10.53
MTPA018	MT01801	0	2	0.79	16.23	2.38
MTPA018	MT01802	2	4	1.03	15.75	3.06
MTPA018	MT01803	4	6	1.01	24.02	3.93
MTPA018	MT01804	6	7	0.54	18.22	8.81
MTPA019	MT01901	0	2	0.91	17.05	1.81
MTPA019	MT01902	2	4	0.9	25.2	2.5
MTPA019	MT01903	4	6	1.16	21.56	3.57
MTPA020	MT02001	0	2	1.42	15.65	3.56
MTPA020	MT02002	2	4	1.5	15.35	10.35
MTPA020	MT02003	4	6	0.68	31.79	1.86
MTPA021	MT02101	0	2	1	14.42	7.13
MTPA021	MT02102	2	4	0.64	32.86	1.13
MTPA021	MT02103	4	6	0.71	28.31	7.63
MTPA022	MT02201	0	2	1.19	17.61	4.12
MTPA022	MT02202	2	4	0.71	22.75	8.7
MTPA022	MT02203	4	6	0.36	23.2	7.74
MTPA023	MT02301	0	2	0.91	14.06	6.32
MTPA023	MT02302	2	4	0.5	16.96	5.82
MTPA023	MT02303	4	6	0.42	21.19	7.19
MTPA024	MT02401	0	2	0.55	22.23	1.79
MTPA024	MT02402	2	4	0.22	23.69	4.88
MTPA024	MT02403	4	6	0.3	29.98	7.75
MTPA025	MT02501	0	2	0.19	34.17	2.06
MTPA025	MT02502	2	4	0.21	38.19	3.92
MTPA025	MT02504	4	6	0.22	74.22	0.74
MTPA026	MT02601	0	2	0.52	22.19	0.8
MTPA026	MT02602	2	4	1.02	28.69	2.13
MTPA026	MT02603	4	6	0.39	32	2.46
MTPA027	MT02701	0	2	0.97	46.5	1.8
MTPA027	MT02702	2	4	0.61	32.67	5.8
MTPA027	MT02703	4	6	1.44	22.99	0.7
MTPA028	MT02801	0	2	0.8	22.9	3.26
MTPA028	MT02802	2	4	0.39	16.72	9.12
MTPA029	MT02901	0	2	0.73	18.6	8.01
MTPA029	MT02902	2	4	0.58	17.77	1.73

MTPA029	MT02903	4	5.8	0.17	37.36	0.28
MTPA030	MT03001	0	2	0.6	32.8	1.14
MTPA030	MT03002	2	4	0.39	37.13	4.25
MTPA030	MT03003	4	6	0.23	53.14	1.05
MTPA031	MT03101	0	2	0.53	20.35	3.33
MTPA031	MT03102	2	4	0.4	27.81	6.04
MTPA031	MT03103	4	6	0.68	28.99	9.03
MTPA032	MT03201	0	2	1.19	15.3	2.5
MTPA032	MT03202	2	4	1.08	21.36	3.14
MTPA032	MT03203	4	6	0.87	36.13	3.47
MTPA033	MT03301	0	2	1.51	31.74	3.33
MTPA033	MT03302	2	4	0.89	38.46	5.61
MTPA034	MT03401	0	2	0.41	12.38	10.97
MTPA034	MT03402	2	4	0.3	15.62	16.18
MTPA034	MT03404	4	6	0.28	17.93	20.59
MTPA035	MT03501	0	2	0.56	9.93	11.42
MTPA035	MT03502	2	4	1.49	18.18	19.2
MTPA035	MT03503	4	6	0.47	22.72	17.1
MTPA036	MT03601	0	2	1.15	17.79	4.86
MTPA036	MT03602	2	4	1.01	30.88	4.86
MTPA036	MT03603	4	6	0.93	28.88	8.22
MTPA037	MT03701	0	2	0.67	19.36	3.01
MTPA037	MT03702	2	4	1.25	30.18	3.5
MTPA037	MT03703	4	6	0.54	29.29	3.76
MTPA038	MT03801	0	2	1.1	18.47	2.72
MTPA038	MT03802	2	4	0.85	33.84	3.57
MTPA038	MT03803	4	6	1.59	33.09	4.43
MTPA039	MT03901	0	2	1.16	16.13	5.38
MTPA039	MT03902	2	4	1.07	27.74	5.65
MTPA039	MT03903	4	6	1.28	22.97	5.51
MTPA040	MT04001	0	2	0.57	6.37	4.92
MTPA040	MT04002	2	4	0.73	12	4.7
MTPA040	MT04003	4	6	0.41	26.24	7.14
MTPA041	MT04101	0	2	1.14	9.08	4.88
MTPA041	MT04102	2	4	1.27	28.16	4.13
MTPA041	MT04103	4	6	0.6	29.85	7.58
MTPA042	MT04201	0	2	1.26	8.04	6.85
MTPA042	MT04202	2	4	0.95	14.63	8.5
MTPA042	MT04203	4	6	1.03	26.18	9.97
MTPA043	MT04301	0	2	1.06	11.41	5.05
MTPA043	MT04302	2	4	1.01	16.23	6.51
MTPA043	MT04303	4	6	0.82	22.31	10.12
MTPA044	MT04401	0	2	0.85	19.39	5.71
MTPA044	MT04402	2	4	1.37	29.68	5.61

MTPA044	MT04403	4	6	0.71	20.23	12.18
MTPA045	MT04501	0	2	0.52	17.67	4.44
MTPA045	MT04502	2	4	0.49	20.09	6.38
MTPA045	MT04503	4	6	0.31	27.49	10.86
MTPA046	MT04601	0	2	0.77	11.92	3.89
MTPA046	MT04602	2	4	0.67	17.88	3.75
MTPA046	MT04603	4	6	0.52	26.15	7.32
MTPA047	MT04701	0	2	1.75	25.82	2.38
MTPA047	MT04702	2	4	1.59	31.52	2.65
MTPA048	MT04801	0	2	0.75	14.77	2.52
MTPA048	MT04802	2	4	1.46	27.17	2.39
MTPA048	MT04803	4	6	0.5	31.6	3.37
MTPA049	MT04901	0	2	1.03	19.26	2.68
MTPA049	MT04902	2	4	0.6	39.37	2.42
MTPA049	MT04903	4	6	0.8	44.75	0.59
MTPA050	MT05001	0	2	1.65	25.01	4.56
MTPA050	MT05002	2	4	0.29	34.31	10.2
MTPA050	MT05003	4	5.7	0.17	19.73	14.4
MTPA051	MT05101	0	2	1.02	13.49	2.54
MTPA051	MT05102	2	4	0.46	34.46	4.98
MTPA051	MT05103	4	6	0.21	45	0.82
MTPA052	MT05201	0	2	1.52	10.52	4.16
MTPA052	MT05202	2	4	0.81	20.25	8.76
MTPA052	MT05204	4	6	0.76	36.41	1.91
MTPA053	MT05301	0	2	3.55	18.89	3.77
MTPA053	MT05302	2	4	1.99	26.22	4.53
MTPA053	MT05303	4	6	2.4	27.86	4.91
MTPA054	MT05401	0	2	1.75	20.08	2.31
MTPA054	MT05402	2	4	2.35	21.19	3.77
MTPA054	MT05403	4	6	1.69	29.74	3.45
MTPA055	MT05501	0	2	1.24	15.72	6.48
MTPA055	MT05502	2	4	0.9	10.13	20.13
MTPA055	MT05503	4	5	0.71	9.08	27.3
MTPA056	MT05601	0	2	0.41	33.71	5.72
MTPA057	MT05701	0	2	0.54	14.01	3.85
MTPA057	MT05702	2	4	1.55	14.49	8.91
MTPA057	MT05703	4	6	1.01	14.01	14.81
MTPA058	MT05801	0	2	3.05	14.61	6.45
MTPA058	MT05802	2	4	3.54	15.48	10.22
MTPA058	MT05803	4	6	1.58	17.93	21.28
MTPA059	MT05901	0	2	0.66	11.91	3.82
MTPA059	MT05902	2	4	1.66	12.92	7.96
MTPA059	MT05903	4	6	0.56	11.94	9
MTPA060	MT06001	0	2	0.85	19.2	9.65

MTPA060	MT06002	2	4	1.22	13.64	8.72
MTPA060	MT06003	4	6	0.33	14.69	24.42
MTPA061	MT06101	0	2	1.46	14.21	4.99
MTPA061	MT06102	2	4	1.52	15.24	6.74
MTPA061	MT06103	4	6	1.14	14.13	15.14
MTPA062	MT06201	0	2	0.92	13.98	3.53
MTPA062	MT06202	2	4	1	17.43	4.11
MTPA062	MT06203	4	6	0.67	16.87	13.2
MTPA063	MT06301	0	2	1.52	12.16	4.7
MTPA063	MT06303	2	4	1.15	15.72	5.54
MTPA063	MT06304	4	6	0.45	15.26	25.02
MTPA064	MT06401	0	2	1.41	11.98	4.73
MTPA064	MT06402	2	4	0.83	14.03	4.59
MTPA064	MT06403	4	6	0.75	13.74	6.64
MTPA065	MT06501	0	2	3.93	13	2.02
MTPA065	MT06502	2	4	3.02	15.98	1.94
MTPA065	MT06503	4	6	3.31	16.12	1.19
MTPA066	MT06601	0	2	3.9	11.96	2.48
MTPA066	MT06602	2	4	3.75	14.39	1.57
MTPA066	MT06603	4	6	4.13	15.28	1.75
MTPA066	MT06604	6	7.5	4.8	14.95	3.08
MTPA067	MT06701	0	2	1.24	11.81	4.25
MTPA067	MT06702	2	4	0.6	13.36	4.43
MTPA067	MT06703	4	6	0.58	13.68	5.72
MTPA068	MT06801	0	2	5.72	12.34	2.9
MTPA068	MT06802	2	4	5.7	13.83	2.25
MTPA068	MT06803	4	6	7.11	13.06	2.01
MTPA068	MT06804	6	7	12.36	13.98	3.46
MTPA069	MT06901	0	1.5	0.85	23.56	9.73
MTPA070	MT07001	0	2	0.76	10.7	5.14
MTPA070	MT07002	2	4	0.64	20.8	5.28
MTPA070	MT07003	4	6	0.69	21.17	3.57
MTPA071	MT07101	0	2	1.21	33.14	5.99
MTPA071	MT07102	2	4	1.42	38.92	2.35
MTPA071	MT07104	4	5.8	0.64	34.35	2.85
MTPA072	MT07201	0	2	1.14	15.23	3.48
MTPA072	MT07202	2	4	1.25	33.75	2.82
MTPA073	MT07301	0	2	1.29	12.24	7.45
MTPA073	MT07302	2	4	1.18	12.58	13.51
MTPA073	MT07303	4	6	0.9	11.56	15.4
MTPA074	MT07401	0	2	0.51	15.15	6.85
MTPA074	MT07402	2	4	0.46	12.31	15.56
MTPA074	MT07403	4	6	0.39	11.82	12.21
MTPA075	MT07501	0	2	1.08	18.84	5.5

MTPA075	MT07502	2	4	1.4	15.42	7.95
MTPA075	MT07503	4	6	0.76	10.78	26.96
MTPA076	MT07601	0	2	1.63	17.29	4.09
MTPA076	MT07602	2	4	1.63	14.62	11.89
MTPA076	MT07603	4	6	0.65	15.39	18.61
MTPA077	MT07701	0	2	2.84	12.95	4.32
MTPA077	MT07702	2	4	3.25	15.45	7.56
MTPA077	MT07703	4	6	1.19	12.25	19.56
MTPA078	MT07801	0	2	1.11	13.78	6.03
MTPA078	MT07802	2	4	1.28	13.54	11
MTPA078	MT07803	4	6	0.94	11.71	37.68
MTPA079	MT07901	0	2	0.45	11.68	6.44
MTPA079	MT07902	2	4	0.7	14.34	8.4
MTPA079	MT07903	4	6	0.58	14.27	14.27
MTPA080	MT08001	0	2	0.71	13.57	8.85
MTPA080	MT08002	2	4	0.68	11.69	13.16
MTPA080	MT08003	4	6	0.33	10.94	25.92
MTPA081	MT08101	0	2	0.85	11.55	6.06
MTPA081	MT08102	2	4	0.84	14.17	6.21
MTPA081	MT08103	4	6	0.88	11.13	20.77
MTPA082	MT08201	0	2	1.74	12.09	7.48
MTPA082	MT08202	2	4	0.96	14.19	7.49
MTPA082	MT08203	4	6	0.76	13.59	13.16
MTPA083	MT08301	0	2	0.75	16.33	6.65
MTPA083	MT08302	2	4	1.13	15.15	10.31
MTPA083	MT08303	4	6	1.2	14.07	19.21
MTPA084	MT08401	0	2	0.41	18.31	4.94
MTPA084	MT08402	2	4	0.5	18.31	8.4
MTPA084	MT08403	4	6	0.5	22.08	12.6
MTPA085	MT08501	0	2	0.66	13.71	3.53
MTPA085	MT08502	2	4	0.9	13.21	3.44
MTPA085	MT08503	4	6	0.62	15.07	5.64
MTPA086	MT08601	0	2	0.92	20.16	4.06
MTPA086	MT08602	2	4	0.78	29.51	5.06
MTPA086	MT08603	4	5	1	26.39	5.11
MTPA087	MT08701	0	2	0.51	24.83	2.02
MTPA087	MT08703	2	4	0.65	41.2	2.67
MTPA087	MT08704	4	6	0.7	36.86	6.63
MTPA088	MT08801	0	2	1.38	38.7	5.56
MTPA089	MT08901	0	2	1.57	25.6	9.66
MTPA090	MT09001	0	2	0.99	35.35	9.86
MTPA090	MT09002	2	4	1.32	47.62	0.39
MTPA090	MT09003	4	6	1.87	47.6	0.85
MTPA091	MT09101	0	2	1.34	22.03	7.4

MTPA091	MT09102	2	4	1.08	29.34	14.12
MTPA091	MT09103	4	6	0.46	33.16	10.16
MTPA092	MT09201	0	2	1.42	37.74	3.56
MTPA092	MT09202	2	4	0.58	49.14	3.42
MTPA092	MT09203	4	6	0.55	27.91	16.95
MTPA093	MT09301	0	2	0.51	9.34	3.87
MTPA093	MT09302	2	4	0.63	11.62	4.11
MTPA094	MT09401	0	2	0.72	17.36	7.22
MTPA094	MT09402	2	4	0.64	29.02	8.12
MTPA094	MT09403	4	6	0.58	30.02	10.09
MTPA095	MT09501	0	2	0.82	12.21	2.73
MTPA095	MT09502	2	4	0.69	31.2	4.95
MTPA095	MT09503	4	6	0.32	32	10.53
MTPA096	MT09601	0	2	1.26	16.71	3.23
MTPA096	MT09602	2	4	0.55	23.14	4.42
MTPA096	MT09603	4	6	0.55	32.26	4.96
MTPA097	MT09701	0	2	0.96	26.52	7.74
MTPA098	MT09801	0	2	0.87	11.81	6.17
MTPA098	MT09802	2	4	1.03	14.96	13.18
MTPA098	MT09803	4	6	0.72	32.3	5.77
MTPA099	MT09901	0	2	0.48	21.52	3.13
MTPA099	MT09903	2	4	0.42	18.9	4.91
MTPA099	MT09904	4	6	0.44	30.78	8.11
MTPA100	MT10001	0	2	0.88	13.25	4.16
MTPA100	MT10002	2	4	0.69	29.38	5.74
MTPA100	MT10003	4	6	0.65	34.3	6.08
MTPA101	MT10101	0	2	1.06	35.12	7.23
MTPA101	MT10102	2	4	0.71	36.16	13.12
MTPA102	MT10201	0	2	0.71	25.08	4.46
MTPA102	MT10202	2	4	0.75	29.21	5.72
MTPA102	MT10203	4	5.3	0.52	29.31	7.35
MTPA103	MT10301	0	2	1.38	24.55	2.58
MTPA103	MT10302	2	4	1	28.88	5.3
MTPA103	MT10303	4	6	0.81	30.53	4.95
MTPA104	MT10401	0	2	1.17	23.31	1.53
MTPA104	MT10402	2	4	1.76	32.46	1.98
MTPA104	MT10403	4	6	0.52	33.47	2.33
MTPA105	MT10501	0	2	0.88	32.06	2.84
MTPA105	MT10502	2	4	0.81	42.39	3.34
MTPA105	MT10503	4	6	0.75	43.89	3.88
MTPA106	MT10601	0	2	0.57	42.11	4.75
MTPA106	MT10602	2	2.4	0.59	40.93	9.08
MTPA107	MT10701	0	2	0.67	38.99	3.79
MTPA107	MT10702	2	2.5	0.92	41.91	5.69

MTPA108	MT10801	0	2	0.49	26.42	3.46
MTPA108	MT10803	2	4	1.01	30.44	2.58
MTPA108	MT10804	4	4.6	0.49	31.03	3.68
MTPA109	MT10901	0	2	0.73	26.46	4.35
MTPA109	MT10902	2	4	0.77	35.9	4.66
MTPA109	MT10903	4	6	0.87	47.84	2.04
MTPA110	MT11001	0	2	1.41	31.94	3.17
MTPA110	MT11002	2	4	1.16	38.19	3.58
MTPA110	MT11003	4	5.7	0.96	34.39	5.88
MTPA111	MT11101	0	2	1.2	33.81	4.33
MTPA111	MT11102	2	4	2	46.91	2.31
MTPA111	MT11103	4	5	0.89	44.84	3.57
MTPA112	MT11201	0	2	0.67	25.73	3.8
MTPA112	MT11202	2	4	0.44	38.88	3.7
MTPA112	MT11203	4	6	0.74	40.35	2.22
MTPA113	MT11301	0	2	0.48	19.6	2.72
MTPA113	MT11302	2	4	0.54	34.04	4.26
MTPA113	MT11303	4	5.7	0.28	36.45	5.07
MTPA114	MT11401	0	2	0.79	28.03	5.8
MTPA114	MT11402	2	4	0.48	34.1	8.65
MTPA114	MT11403	4	6	0.32	24.13	8.43
MTPA115	MT11501	0	2	0.46	15.82	3.81
MTPA115	MT11502	2	4	1.25	25.73	5.45
MTPA115	MT11503	4	6	0.32	18.46	10.18