WORLD TITANIUM RESOURCES LTD.

Toliara Sands Project

Exploration Review

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1.0 Summary

World Titanium Resource Ltd. (WTR) has conducted several years of exploration on its wholly owned Toliara Sands Project, located in the Atsimo-Adrefana region of Southwest Madagascar. This Technical Report provides a review of the work carried out and the results of the exploration programs completed since 2001 by the Company.

1.1 Property Descriptions

The Toliara Sand Project is constituted by three exploration and one mining properties. The mining property, which is termed the Ranobe property, currently comprises the flagship property of the Company's Toliara Sand Project portfolio, and has been developed to the Definitive Feasibility Study stage. At the time of submission this Technical Report (November 2014), the Ranobe property is undergoing final environmental and social permitting by the Government of Madagascar, and has been dealt with in a separate independent Technical Report elsewhere (Mc Donald Spiers and Associates, 2012). The later has been complied under the 2004 JORC code of reporting exploration results, mineral resources and ore reserves, but remains materially unchanged.

The three exploration properties which comprise Ankililoaka, Basibasy and Morombe form the basis of the reporting in this Technical Report. Their descriptions are as follows:

Ankililoaka

The Ankilioaka property comprises two exploration blocks; PR3314 covering an area 7536 ha, and PR36876 covering 1,250 ha juxtaposed to the south of PR3314. The Ankililoaka property is prospective for heavy mineral sands deposits primarily containing ilmenite with subordinate zircon and rutile.

Basibasy

The Basibasy property comprises a single exploration block PR35822 covering a superficial area of 8130 ha. It is prospective for heavy mineral sands deposits primarily containing ilmenite with subordinate zircon and rutile.

Morombe

The Morombe property constitutes the largest of the exploration properties, constituted by a single exploration block PR30250 which covers an area of 20,637 ha. The property is also prospective for heavy mineral sands deposits primarily containing ilmenite with subordinate zircon and rutile.

1.2 Property Location

The three exploration properties are located in the Toliara Department of the Toliara Region of the Toliara Province of southwest Madagascar. They are disposed in near north –south alignment in the coastal plain between the Mongoky River near the Town of Morombe in the north, to the Manombo River in the south near the village of Ankililoaka. The properties lie approximately 600km to the southwest of the Capital of Madagascar, Antananarivo. The approximate geographic centre of the combined licences is approximately 22.37°S, 43.57°E.

1.3 Mineral Ownership

The three exploration licences are held by Exploitation Madagascar SARL, a wholly owned Madagascan subsidiary of World Titanium Resources Ltd. The current three exploration licences were filed with the BCCM in 2010 for an initial five year period, due for renewal in 2015. Whilst licencing fees have been paid and accepted by the BCCM on an annual basis, there has been a hold on the release of new mineral licences as a whole in Madagascar, pending policy reform. The company has been assured by the BCCM that the licences will be issued in due process, and the Company has no reason to believe that this undertaking will not be respected.

1.4 Geology and Mineralization

The three properties share a similar geology, all three comprised unconsolidated heavy mineral bearing sands, overlying a post Eocene limestone basement with inliers of Late Cretaceous basalt. The Heavy Mineral fraction appear to show some systematic variation from south to north between the properties, with TiO_2 content of the ilmenite fraction increasing from 48% at Ankililoaka to 49.6%-51.5% at Basibasy and to >55% at Morombe. This is accompanied by an increase of the zircon fraction within the HM from 5% at Ankilioaka to approximately 7% at Basibasy and 10% zircon at Morombe.

The Ankilioaka property contains at least three recognizable aeolian sand units overlying a northern basement comprised an inlier of basalt, which is superseded to the south by an undulating limestone basement. Within the confines of the property, the eastern extent of the sand units is defined by a late Quaternary – Recent alluvial sequence, which drains form North to South to the Manombo River. The predominate area of mineralization occurs in the proximity of a limestone basement high which may have provided a headlined or ridge behind which there was a protected area where HM, possibly derived from reworking of older sands, could accumulate while the younger sands were being deposited. Composited HM grades of up to 6.38% HM over 45 metres have been returned from drill holes within this area.

The Basibasy property contains three recognizable sand units, striking in an arcuate manner form northwest to north, overlying a limestone basement. The oldest recognizable sand unit is located in the east of the property, and appears predominantly aeolian in composition, with a minor alluvial component at its base. A younger aeolian sand unit which on-laps from the west appears to represent partial reworking of this earliest sand unit, contains the bulk of the potentially economic mineralization. Composited drill returns yielding up to 7.29% HM over 33 metres have been recovered from this unit. The westward extent of mineralization appears to be defined by the overlying dilution effect of the relatively barren youngest sand unit, which on-laps the mineralized sand unit from, and thickens to, the west.

The Morombe property is constituted by a series of aeolian and alluvial sand units overlying a limestone basement, which are terminated in the north of the area by alluvial sequences of the Mangoky River. The sand units have been deposited in the Basin D'Ihorty, which is interpreted to represent an earlier abandoned channel of the Mangoky River draining westwards to an estuary south of the town of Morombe. As a result, the bulk of the sand units have an alluvial component at the base of their sequence, prior to channel fill. These units are typically coastal (North – South) parallel, with northward migration related to backfilling of the Basin D'Ihorty. The mineralization potential of these units appears to be relatively low, with composited drill returns ranging from approximately 1.5% HM – 2% HM.

These coastal parallel dunes have been the subject of sub aerial reworking by predominantly southerly winds, resulting in at least two phases of re-deposition as a series of parabolic dunes in the northern sector of the property. The earliest phase of reworking appears to have been sourced from the scour plains of the coastal parallel sand units, resulting in a series of stacked parabolic dunes. Theses stacked dunes have been subject to a later and currently active phase of reworking, forming a secondary parabolic dune in the north east of the property. The bulk of the secondary dune systems have only been sampled by shallow auger drilling (maximum 6 metres). Composited HM values ranging from 1.03% HM – 2.85% HM have been recovered from these samples, but deep air-core drilling will be required to properly assess this area.

1.5 Exploration and Data Compilation

The three properties have been subject of several phases of exploration drilling using a Wallis air-core drill rig. This includes preliminary drilling on the three properties in 2001, drilling on the Basibasy property in 2003, and a third drill program on the three properties in 2005. A total of 1621.4 metres of air-core drilling has been undertaken on the Ankililoaka property; whilst 2156.6 metres and 706 metres of air-core drilling have been completed on the Basibay and Morombe properties respectively. The Morombe property has also been explored in 2007 using a man portable auger drill. The collated information from these three air-core drilling programs and the auger drilling program, combined with air-photo, satellite imagery and topographic information form the basis of the data used in this technical report. Preliminary mineralogical data derived from drill samples have also been collated and referenced.

1.6 Exploration Targets

Drilling of the Morombe property has as yet to define and exploration target, although the exploration interest in the property remains due to the high titanium content of the ilmenites and elevated zircon content in the HM fraction.

Drilling of the Ankilioaka and Basibsay properties have both successfully defined exploration targets. The JORC (2012) code on reporting standards defines an Exploration Target as a statement or estimate of the exploration potential of a mineral deposit in a defined geological setting where the statement or estimate, quoted as a range of tonnes and a range of grade (or quality), relates to mineralization for which there has been insufficient exploration to estimate a Mineral Resource. The potential quantity and grade is conceptual in nature, that there has been insufficient exploration to estimate a Mineral Resource and that it is uncertain if further exploration will result in the estimation of a Mineral Resource.

Based on the data derived from the 2001 and 2005 air-core drill programs an initial exploration target of approximately 430 million tonnes ranging from 4.43% HM to 5.15%HM (method dependent) at a 3% HM cutoff has been defined for the Ankilioaka property, with a possible further 70 million tonnes at 6.46% HM more loosely defined. No grade range for the latter is given, as it the grade estimate for this possible additional exploration target is defined by only two drill holes, with the postulated grade being calculated by a single method (length weighted method).

Using the 2001, 2003 and 2005 air-core drill data, an exploration target of approximately 400 million tonnes grading between 4.80% HM and 5.33% HM (method dependent) at a 3% HM cutoff has been estimated for the Basibasy property in this technical report.

Both the exploration targets for Ankilioaka and Basibasy are given without tonnage ranges, as exploration target tonnages have been estimated from potential target areas, which are based on, and confined by, midpoint assumption between mineralized and non mineralized drill holes at the 3% THM cut-off criteria, and mapped geological boundaries.

1.7 Conclusions and Recommendations

The exploration work undertaken to date on the Ankliloaka, Basibasy and Morombe properties has been of good quality. The Ankliloaka property has potential to develop a sulphate grade ilmenite resource, with a currently defined exploration target of approximately 430 – 500 million tonnes at a 3% HM cutoff. A possible second exploration target to the south of the basement high is indicated by near continuous HM mineralization in the southern most drill transect, however further exploratory drilling will be necessary to investigate this.

The Basibasy property also has the potential to develop as a sulphate grade ilmenite resource with an exploration target of approximately 400 million tonnes HM at a 3% HM cutoff. Although some potential separate mineralization may be present within clay coated sands associated with a basaltic basement maybe present, it is probably limited in extent within the confines of the property licence.

No significant HM concentrations have been located within the tested units of the Morombe property, although some potential still remains in the relatively un-sampled reworked sand units that form the high ground in the northeast of the property. The Morombe property differs significantly from both the Ankliloaka and Basibasy properties in it significantly higher TiO_2 values of its ilmenites and higher zircon content, and for that fact, remains of interest.

On the basis of the exploration work undertaken to date, the following recommendations are made:

- A drill program should be undertaken on the Ankiloaka property to confirm the exploration target, with the concept of producing an initial resource stament at the inferred level of confidence. This will require approximately a further 78 air-core holes for a total drill meterage of 3774 metres.
- A drill program should be undertaken on the Basibasy property to confirm the exploration target, and convert this to an initial resource statement at the inferred level. This will require approximately a further 65 air-core drill hole for an estimated total of 3120 metres of drilling.
- Three exploratory drill transects at variable drill hole spacings between 200 metres to 800 metres using an air-core drilling rig is recommended to be undertaken on the Morome property. Drill tansects should be designed to explore the HM potential of the north east sector of the property in the reworked stacked parabolic dunes, and their potential source area to the south west. Approximately 95 further holes are recommended for this program, with a total of 4560 metres drilling.

2.0 Introduction

2.1 Objectives of this Technical Report

The major objectives of this Technical Report are:

(i) Assess the degree and type of mineralization within the exploration properties of the Toliara Sands Project.
(ii) Establish potential exploration targets on the Ankililoaka and Basibasy properties as defined by the current level of drilling.
(iii) Recommend an exploration program that can advance the exploration targets defined at Ankililoaka and Basibasy to the stage that an initial compliant resource estimate can be established.
(iv) Recommend an exploration program for the Morombe property to test areas of the property for potentially economic concentration of HM.

2.2 Purpose of Report

The purpose of this report is to compile and publish an up to date report on the exploration activities of World Titanium Resources Ltd. on its Toliara Sand Project. This primarily consists of various drilling campaigns that were undertaken over the properties during 2001, 2003, 2005 and 2007.

This Technical Report has been prepared by Ian Ransome Pri. Sci. Nat., a director of World Titanium Resources Ltd. and a Competent Person as defined by the Australasian JORC (2012) code for reporting of exploration results, mineral resources and ore reserves.

2.3 Source of Information

The sources of information used in the compilation of this technical document are listed below:

- Botha, WJ, 2003, Delineation of heavy sands using magnetic and radiometric data: Report to Kumba Resources, Ticor Ltd and Madagascar Resources NL
- Ramsaywoth 2007a
- Ransaywok 2007b
- Reyneke, L, 2004, Mineralogical investigation of heavy mineral bearing samples from Basibasy Madagascar (samples BAS 1 and BAS 2): Report to Ticor Ltd

- TZ Technologies Ltd., 2002, Mineralogy of Drill Samples. Report No. 562/067 for Madagascar Resources.
- Woods, PJ, 2001, Report on sampling for ilmenite on the west coast of Madagascar October/November 2000: Report to Madagascar Resources NL
- Woods, PJ, 2002, Report on drilling program, southwest coast – Madagascar, Part 2 – Manombo-Morombe, October November 2001: Report to Madagascar Resources NL
- Woods PJ, 2004a, Report on drilling program, southwest coast – Madagascar. Part 2 – Basibasy and High Sand North and High Sand South, October/November 2003: Report to Exploitation Madagascar
- Woods PJ, 2004b, Report on reconnaissance sampling, southwest coast – Madagascar – Manombo-Morombe, July 2004: Report to Exploitation Madagascar
- Woods PJ, 2004c, Report on reconnaissance sampling, southwest coast – Madagascar – Manombo-Morombe (Lake Ihotry), October 2004: Report to Exploitation Madagascar
- Woods PJ, 2006, Report on drilling and TBE analysis Ankililoaka, Basibasy and Morombe, Southwest Coast, Madagascar. Report to Exploitation Madagascar
- Woods PJ, 2007, Report or Reconnaissance Sampling Southwest Coat, Madagascar: Bid Dune Area Manombo – Morombe: Report to Exploitation Madagascar
- World Titanium Resources Ltd. In house files both digital and analogue

The author has undertaken a due diligence on the reported data, cross referencing original field log data with complied digital data, and no discrepancies were found. All drilling data was compiled by Dr. P.J. Woods who is an accredited geologist with the Australian Institute of Mining and Metallurgy, and found to be of good quality.

2.4 Data Gathering and Site Visit by Author

The author has carried out site visits to the Ranobe property in June 2012 and to the Ankilioaka, Basibasy and Morombe properties during October 2104. He has reviewed and discussed in detail both procedure and the results of the various drilling programs undertaken by the company with the respective authors of the company reports used in the compilation of this technical document, including personal field notes taken at the time by the respective authors.

2.5 Units, Abbreviations and Principal geological terms used in this report

Abbreviations

Amsl	above mean sea level
BCCM	Bureau de Cadastre et Mine de Madagascar
cm	centimeter
GPS	Global Positioning System
Ha	hectares (10,000 square metres)
HM	Heavy Minerals
Km	kilometer
m	metres
Ma	millions of years ago
NQ	drilling core diameter of 47.6mm with a hole diameter of 75.8mm
QC/QA	Quality Control/Quality Assurance
Ti	titanium
UTM	Universal Trans Mercator
WGS	World Geodetic system
µm	micron

Glossary of Technical Terms

Basalt	a dark crystalline rock derived from the cooling of molten rock contain abundant ferro-magnesium minerals
Clay	a sedimentary rock or sediment predominatly comprised of silicate minerals less than 63 microns in size
Chromite	a chrome and iron bearing oxide mineral
Eocene	geological epoch lasting from 56 Ma to 33.9 Ma
Ferropsudeobrookite	an iron titanium oxide mineral
Geothite	iron bearing hydroxide mineral
Hematite	an iron (III) oxide mineral
Ilmenite	an iron titanium oxide mineral

THM	mineral fraction with a density greater than 2.95 grams per cubic centimeter and less than 1mm but greater than 63 microns in size
Limestone	a rock type generally composed of calcium and to a lesser degree magnesium carbonate
Leucoxene	an alteration product of ilmenite in which the iron is removed and the titanium content is increased with the TiO_2 content generally ranging from 70% to 93%
Monazite	a rare earth phosphate mineral generally containing thorium subsitiution
Oversize	sand fraction particle size great than 1mm
Psuedorutile	a titanium oxide mineral
Sand	unconsolidated sediment comprised predominantly of silicate minerals (quartz) less than 2mm in size but great than 63 microns
Rutile	a titanium oxide mineral
Zircon	a zirconium silicate mineral

3.0 Reliance on Other Experts

This report is compiled by information collated and verified by the author. In its preparation, no reliance has been place on any other experts.

4.0 Property Location and Description

4.1 Project and Property Location

The three mineral properties, Ankililoaka, Basibasy and Morombe form part of the Toliara Sands Project and are located in the Manombo – Morombe coastal dune system. The latter stretches for approximately 140km along the southwest coast of Madagascar between the towns of Manombo in the south to Morombe in the north (Figure 1), in the Toliara Province of southwest Madagascar. The approximate geographic centre of this dune system is approximately 22.37^{o}S, 43.57^{o}E. The three properties are located in a corridor approximately 120km long (north-south) by 10 km wide between 20km – 25km inland form the coast which is sub parallel to the latter. The largest town in the area is Toliara (population 148,000), which is located approximately 60km south of the project area.

4.2 Property Description

4.2.1 Introduction

At the start of the Toliara Sand Project in 1999 approximately 2 150km^2 of the Manombo – Morombe dune system was held under licence (Figure 2). Following evaluation of the terrain, the superficial area has been successively reduced to three properties, whose descriptions below are current at the time of filing of this report.

4.2.2 Ankililoka Property

The Akililoaka comprises the southernmost of the three exploration licences, located approximately 65 km north of the regional capital Toliara, and 18 km northeast of the town of Manombo. The property is covered by two exploration licences PR36786 and PR3324 which are juxtaposed north-south. The two exploration licences cover a surface area of 1,255.8 and 7,536 hectares respectively. The bounding co-ordinates for the two licences are given in Table 1. The property is prospective for ilmenite, zircon and rutile.

Table 1. *Co-ordinates of the Ankililoaka exploration licences (WGS84, Geographic).*

Licence	Idx	Longitude	Latitude
PR36786	1	43.53733026° E	22.85437714° S
	2	43.58605262° E	22.85522211° S
	3	43.58559909° E	22.87779947° S
	4	43.53687047° E	22.87695269° S
PR3324	1	43.53733026° E	22.85437714° S
	2	43.54008697° E	22.71891404° S
	3	43.58876803° E	22.71975784° S
	4	43.58605262° E	22.85522211° S

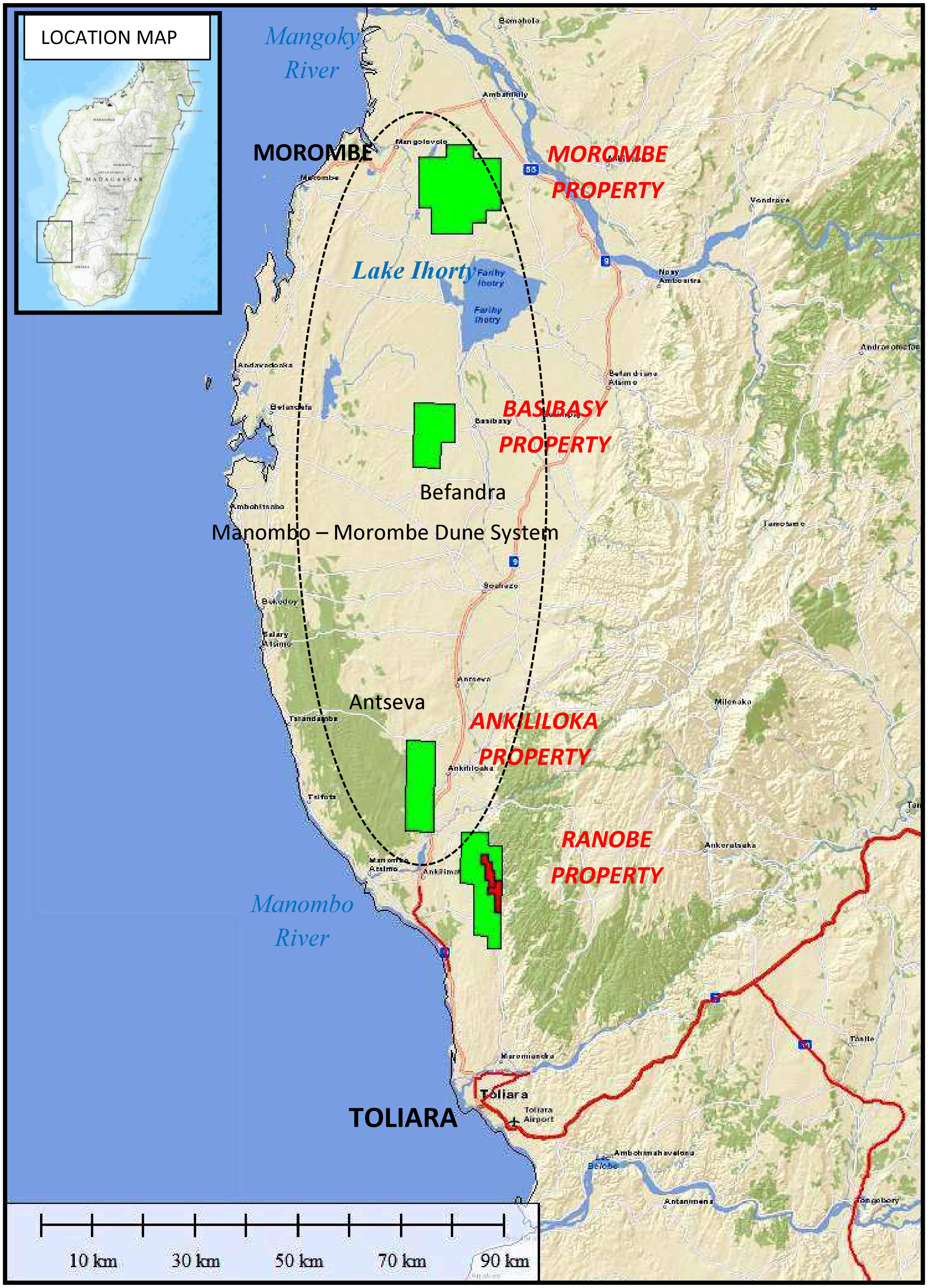

Figure 1. *Location of the Ankililoka, Basibasy and Morombe properties (green). Ranobe property to the south shown in green – exploration licence and red mining licence).*

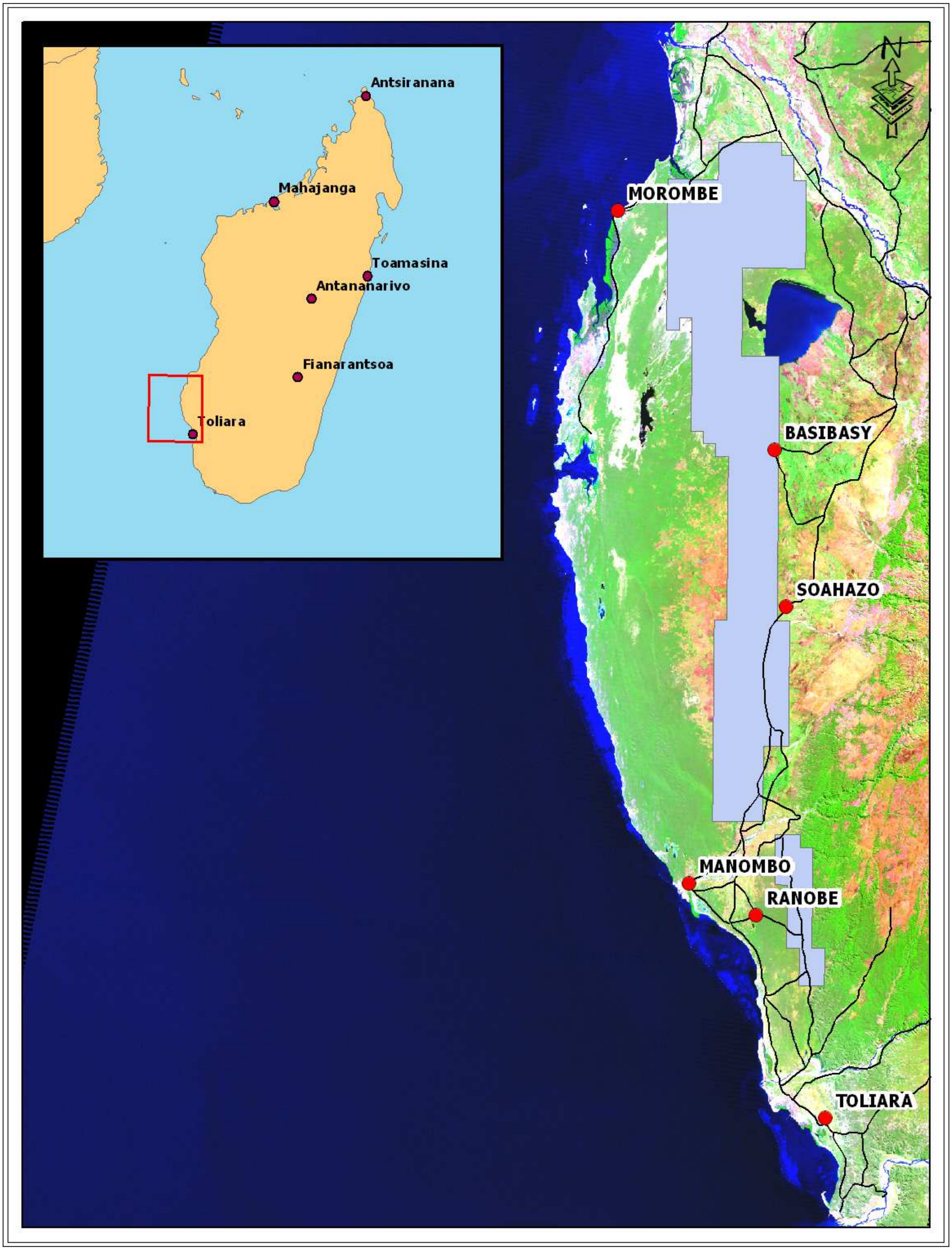

Figure 2. *2003 extent of exploration area held under the Toliara Sands Project.*

4.2.2 Basibasy Property

The Basibasy property is located approximately in the centre of the Manombo - Morombe dune system, approximately 5 km west of the village of Basibasy. The property lies approximately 130km due north of the regional capital Toliara, and 55km south east of the coastal town of Morombe. The property is covered by a single exploration licence PR35822 which covers a superficial area of 8,167 hectares. The licence bounding co-ordinates of PR35822 are given in Table 2. The property is prospective for ilmenite, zircon and rutile.

Table 2. *Co-ordinates of the Baibasy exploration licence (WGS84, Geographic).*

Licence	Idx	Longitude	Latitude
PR35822	1	43.54963451° E	22.24479798° S
	2	43.55188498° E	22.13191327° S
	3	43.62462099° E	22.13315499° S
	4	43.62329719° E	22.20088785° S
	5	43.59905557° E	22.20047707° S
	6	43.59816603° E	22.24563190° S

The Morombe property is located in the northern sector of the Manombo – Morombe dune system, approximately 177km due north of the regional capital Toliara, and 24 km east of the coastal town of Morombe. The property is covered by a single exploration licence PR30250 which covers a superficial area of 20,734.2 hectares. The bounding co-ordinates for PR30250 are given in Table 3.

Table 3. *Co-ordinates of the Morombe exploration licence (WGS84, Geographic).*

Licence	Idx	Longitude	Latitude
PR30250	1	43.55852598° E	21.79325888° S
	2	43.56034614° E	21.70295375° S
	3	43.60866419° E	21.70377194° S
	4	43.60909795° E	21.68119465° S
	5	43.65746857° E	21.68200505° S
	6	43.65703488° E	21.70458133° S
	7	43.70536431° E	21.70537291° S
	8	43.70366632° E	21.79568596° S
	9	43.67949871° E	21.79529121° S
	10	43.67906630° E	21.81786913° S
	11	43.65488772° E	21.81747037° S
	12	43.65445854° E	21.84004827° S
	13	43.58182205° E	21.83882435° S
	14	43.58274711° E	21.79367279° S

The property is prospective for ilmenite, zircon and rutile.

4.3 Mineral Property Ownership

The three properties are owned by Exploitation Madagascar SARL, a wholly owned Madagascan registered subsidiary of World Titanium resources. The current three exploration licences were filed with the BCCM in 2010 for an initial five year period, due for renewal in 2015. Whilst licencing fees have been paid and accepted by the BCCM on an annual basis, there has been a hold on the release of new mineral licences as a whole in Madagascar, pending political reform. The company has been assured by the BCCM that the licences will be issued in due process, and the Company has no reason to believe that this undertaking will not be respected.

5.0 Accessibility, Climate, Local Resources, Infrastructure and Physiography

5.1 Access

The principal access to the project area is via Toliara. It comprises the capital of the Atsimo-Adrefana region of south west Madagascar and is connected capital Antananarivo by the bituminized National Route 7 (RN7; 920 km), as well as by a scheduled air service run by Air Madagascar. The project area is accessed from Toliara by the National Route 9 (RN9) which links Toliara with the northern coastal town of Morombe, and meanders northwards over coastal dunes, the surface of which is currently mainly comprised of poorly maintained graded sands. The Ankililoaka property is accessed directly via the RN9, which runs through the southern sector of the property. Internal access to the latter is via 4x4 tracks and old regional seismic cut lines. The Basibasy property is located approximately 20km west of the RN9. It is accessed via an ungraded local road which links the village of Befandriana Atsimo on the RN9 to the village of Basibasy, immediately east of the property. Access to the property from Basibasy is via dirt track and old regional seismic cut lines.

The Morombe property comprises the northernmost of the three properties. It is accesses via the RN9 either from the west via a dirt track leading on to old seismic cut lines from the village on Mangolovolo (approximately 18km east northeast of Morombe), or from the east via the village of Bakaboa on the RN9, again via dirt tracks and old seismic cut lines. Interior access to the property is mainly on quad bikes or foot.

5.2 Physiography

The project area lies on a low lying coastal plain which is bounded to the west by the Mozambique Channel, and in the east by a coastal sub-parallel limestone escarpment, which runs the length of the Manombo – Morombe dune system. The coastal dune field rises from sea level to 40 metres amsl over the first 12km inland, with an average gradient of 0.12^{o}, prior to reaching an altitude of approximately 250m amsl over 43km inland with an average gradient of 0.33^{o} at the base of the limestone escarpment. Local topographic variations reflect the geomorphology of longitudinal and parabolic dunes which dominate the interior of the coastal plain. Along the coast, local topographic variations are generally related to the presence of lagoons.

The southern margin of the Manombo – Morombe coastal pain is dissected by the Manombo River, a broadly east –west flowing feature, which provides most of the regional irrigational water. The physiography of the northern sector of the project area, in the vicinity of the Morombe property, is to a large degree controlled by the Basin d'Ihorty; the latter describing a paleo-estuarine system related to the Mangoky River which defines the northern limit of the Manombo – Morombe dune field, draining northwestwards approximately 30km north of the town of Morombe. In the vicinity of the Morombe property, the eastern margin of the coastal dune system is bound and juxtaposed to Lake Ihorty, which comprises an inland water body covering an area of approximately $170km^2$.

Between Lake Ihorty and the Mangoky River a series of stacked parabolic dunes rising to 175m amsl gives way southwards to saturated low lying sands (20-30m amsl) deposited in the Basin d'Ihorty, which are dissected by numerous westwards flowing ephemeral watercourses.

5.3 Climate

The Project Area has a semi-arid climate (Köppen BSh) or subtropical dry forest biome according to the Holdridge life zone system of bioclimatic classification. January comprises the warmest month with an average temperature of 27.5^{o} C, whilst July is the coolest month with a mean temperature of 20.3^{o}C. On average, the Project Area receives 417.9mm of precipitation per annum, most of which falls during the "wet season" (December – February), with the wettest month being December when an average of 97mm of rainfall occurs. The driest month is August with an annual average of 5.6mm of precipitation.

5.4 Local Resources and Infrastructure

The main regional infrastructure is located south of the project area in Toliara. The latter serves as the regional hub, where banking, communication, fuel, supplies as well as both air and sea transports are available. The airport is located approximately 7km east south east of the city Centre, and is constituted by two runways, 04/22 – 6562 x 98 feet, and 11.29 – 2625 x 42 feet. Both runways are lit and asphalt, asphaltic concrete, tar macadam, or bitumen bound macadam. As a port town it acts as a major import/export hub for commodities such as sisal, soap, hemp, cotton, rice, and peanuts. The current port (LOCODE MGTLE) is restricted to vessels less than 150 metres in length with maximum cargo pier and terminal depths of 9.4 metres. Anchorage depth is restricted to 11.0 metres, and the channel entrance to the harbour has a maximum depth of 12. metres. Electrical power for Toliara is supplied by the local power utility Jirama, which meets approximately 50% of the demand using diesel powered generators.

5 km north of Toliara, the RN9 which connects Toliara to the project area traverses the 500 metre wide flood plain of the Fiherenan River via low 350 metre span steel and concrete bridge. The bridge ramparts are stabilized with limestone hardcore and concrete. A similar bridge is located 45km north, where the RN9 crosses the floodplain of the Mangoky River. The RN9 is graded annually, and usable throughout the year, but becomes degraded during the height of the rainy season (December – February). Onsite infrastructure within the property licences is limited to a few off road tracks and old seismic cut lines, but the areas are generally open from vegetation, permitting off track access for exploration purposes.

6.0 Project History

Madagascar Resources NL (MRNL), a junior Australian exploration company was founded and 1995. The primary objective of the company was to explore for heavy mineral sands deposit in southwest Madagascar. Between 1995 and 1999, MRNL through its Madagascar subsidiary Exploitation Madagascar SARL (EMSARL) conducted reconnaissance trips along the coast south of Toliara for heavy mineral sand deposits. In 1999 the company commissioned six traverses of aircore drilling (3 000m of drilling in total) between the limestone cliffs and sea to test the coastal plain south of Toliara, with one traverse to the north. The drilling results indicated that to the south of Toliara, there was little potential for the discovery of an economic heavy mineral sand deposit mainly due to the high trash ad carbonate content.

Between 2000 and 2001 the company focused on the coastal deposits to the north of Toliara, conducting reconnaissance surveys along the coast between Toliara and Belo Tsiribihini . In general a low trash HM suite dominated by ilmenite and zircon was found, with the large dune system between Ranobe and Morombe extending 150 km offered the best potential for a significant volume of mineralisation. Mineralogical data from the reconnaissance surveys also indicated a general increase in TiO_2 content of the ilmenites northwards from 48% at Ranobe to 55-60% near Morombe, as well as a general increase of zircon content within the heavy mineral fraction from 6% - 8%.

Follow up exploration targets were narrowed down to five areas of interest, Ranobe and Morombe, Basibasy, Antseva, Befandra and Ankililoaka together designated the Toliara Sands Project (Figure X). By the end of 2001, the company completed seven traverses of aircore drilling at Ranobe and a further eight traverses across the dune system to the north (Manombo River to Morombe). Drilling at Ranobe was sufficient to produce the first inferred resource estimate, estimated at 1 335 Mt at 5.1% HM (comprised 75% ilmenite with a TiO_2 content around 48%, 5% leucoxene, 5-7% zircon, and 1% rutile).

Drilling between Manombo and Morombe was sufficiently encouraging to recommend further follow-up drilling at Morombe, Ankililoaka, and Basibasy.

In October/November 2003 a further 200 development holes (totaling 9,077 metres) were drilled at Ranobe by EMSARL using a Mantis air-core rig, with a further 30 holes (totaling 835 metres) drilled between Manombo and Morombe.

In November 2003, MRNL signed an option agreement with Ticor covering the Toliara Sand Project. At the same time a “back-to-back” agreement was signed giving Kumba Resources a 60% stake in the project and a commitment to 60% of the funding.

In October/November 2005 Exploitation Madagascar SARL and Kumba Resources conducted a drilling program on permits along the coastal plain between Toliara and Morombe in southwest

Madagascar. A total of 9304m of aircore drilling was completed using a Wallis Mantis aircore rig from Perth, Australia. The majority of drilling was carried out at Ranobe (290 holes for 6195m) with the balance (42 holes for 1486m at Ankililoaka, 38 holes for 1386m at Basibasy and 8 holes for 237m at Morombe) between the Manombo River and Morombe.

With the unbundling of Kumba Resource in late November 2006, the option agreement was transferred to the newly formed Exxaro Resources Ltd.

The Ranobe deposit was the subject of a complete Prefeasibility Study and an incomplete Bankable Feasibility Study carried out by Exxaro Resources Ltd (Exxaro) from 2003 to 2009 and a considerable amount of work being completed. A large-scale dredging operation at Ranobe to provide smelter feed for a South African smelter did not meet Exxaro's investment criteria and, given the adverse global economic and Madagascan political conditions at the time, Exxaro terminated the joint venture with MRNL in July 2009.

In 2011, MRNL listed on the ASX (Australian Stock Exchange) as World Titanium Resources Ltd., having undertaken a reverse takeover of Bondi Mining. The company completed further infill drilling at the Ranobe deposit in 2012 completing 363 holes totaling 8088.2 metres. An independent JORC compliant resource statement for the Ranobe deposit was issued by WTR in 2012 (McDonald Speijers,2012).

7.0 Geology

7.1 Regional Geology

The project area lies within the Phanerozoic cover sequences of the Morondava Basin (Figure 3). The oldest rocks within the region comprise Cretaceous sandstones in the east which unconformably overlie a Precambrian meta-igneous basement. The sandstone units are punctuated by a series of late cretaceous basalt and gabbroic intrusions of limited extent. These are progressively overstepped westwards along a series of disconformities by a sequence of Mesozoic limestones and marls, and Tertiary (Eocene) limestones, chalks and marls, which form the bulk of the Limestone Plateau of Mahafaly.

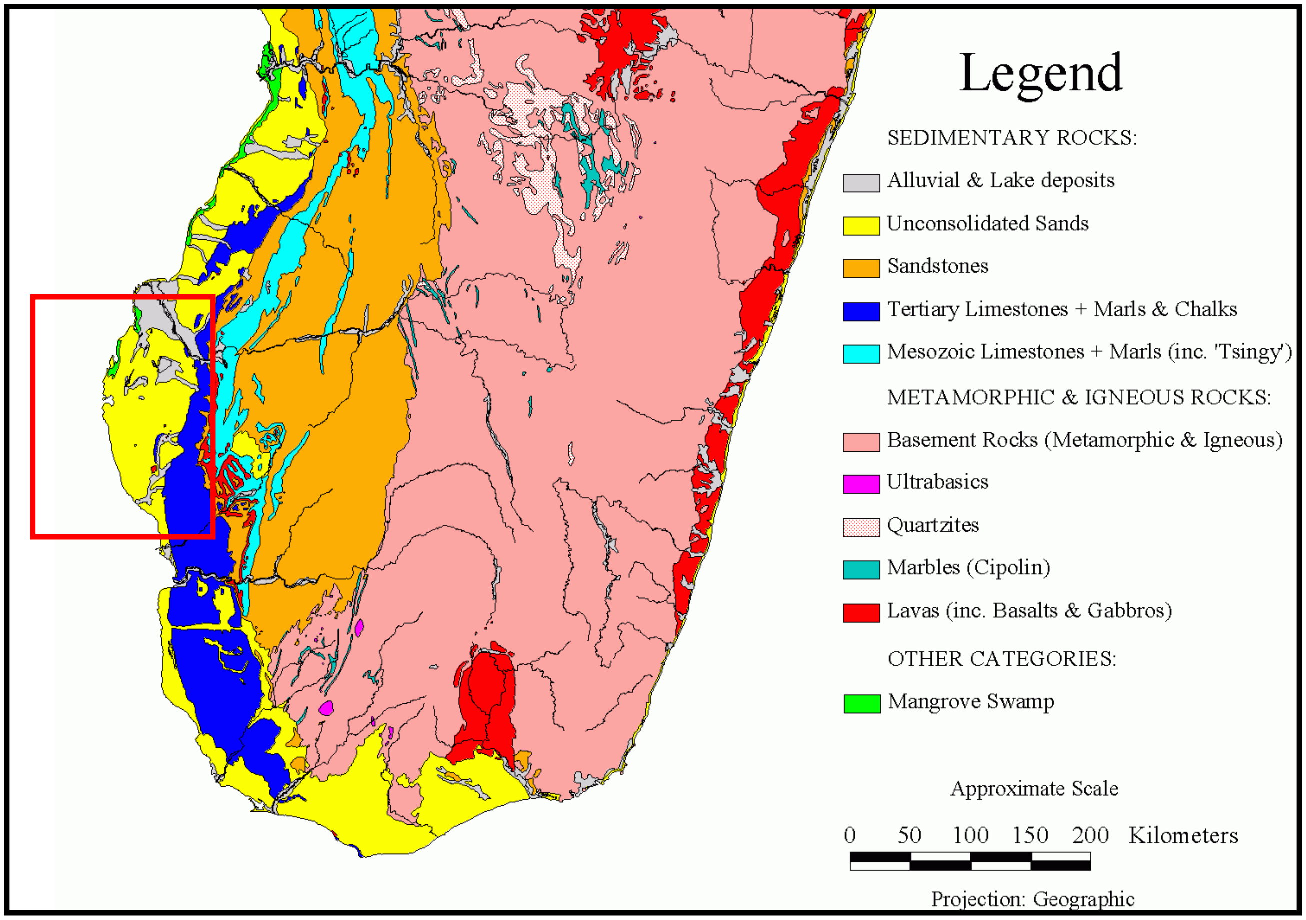

Figure 3. *Simplified geological map of southern Madagascar. Region under consideration marked in red outline.*

Post Eocene extension has produced a number of coastal parallel faults and insubordinate conjugate faults striking N100^{o}E and N010^{o}E. The most prominent of the coastal parallel faults can be trace from Cap St. Marie in the south of the island to north of Toliara (over 300km) which produce a coastal parallel escarpment and defines the eastern boundary of the coastal plain. The downthrown coastal plain is predominantly underlain by Eocene limestone disposed in a series of poorly define horst and grabens. Isolated inliers of cretaceous basalts are also present in the rocks underlying the coastal plain, sub cropping as tectonic windows.

Post Eocene to Quaternary unconsolidated sediments overly the coastal plain. These are almost exclusively clastic sequences, comprised of a series of shallow marine to sub aerial aeolian deposits. The predominant sub-aerial transport direction is from south to north. The coastal plain is cut by a number of rivers draining westwards from the highland of the Limestone Plateau of Mahafaly.

7.2 Local Geology

7.2.1 Ankililoaka

The topography of the Ankililoaka property is relatively flat lying between 75m amsl – 100m amsl, rising to 150m amsl in the south west, falling to below 75m amsl in the east, where aeolian dune systems are eroded and terminated in the east of the property by an alluvium sequence. The underlying geology is almost exclusively defined by drill returns, which define a broad stratigraphic framework comprising (from oldest to youngest: *viz.* Figure 4):

<u>Basement Sequence</u>

(i) Basalt
Drilling undertaken by the company encountered an isolated basalt intrusion in the northeastern part of the property, being intersected by two holes;

(ii) Limestone
The basalt intrusion in the northwest of the property is bordered by crystalline limestone to the west and north, the surface of which appears to gently dip southwards at around 0.6^0, prior descending beneath the length of the drill strings. The limestone floor rises again in the south of the property.

<u>Unconsolidated Cover Sequence</u>

(iii) Red Clay Coated Sands
The Red Clay coated sands are laterally discontinuous, and confined to the northern sector of the property, where they directly overlie both basalt and limestone floor to the unconsolidated sequence.

(iv) Young Sands and Clay sands
A series of red sands overlain by easy washing fine grained sand with a yellow-orange clay component (Red/Orange and Red sands).

(v) Alluvial Flats
A later sequence of alluvial flats located along the eastern margin of the property.

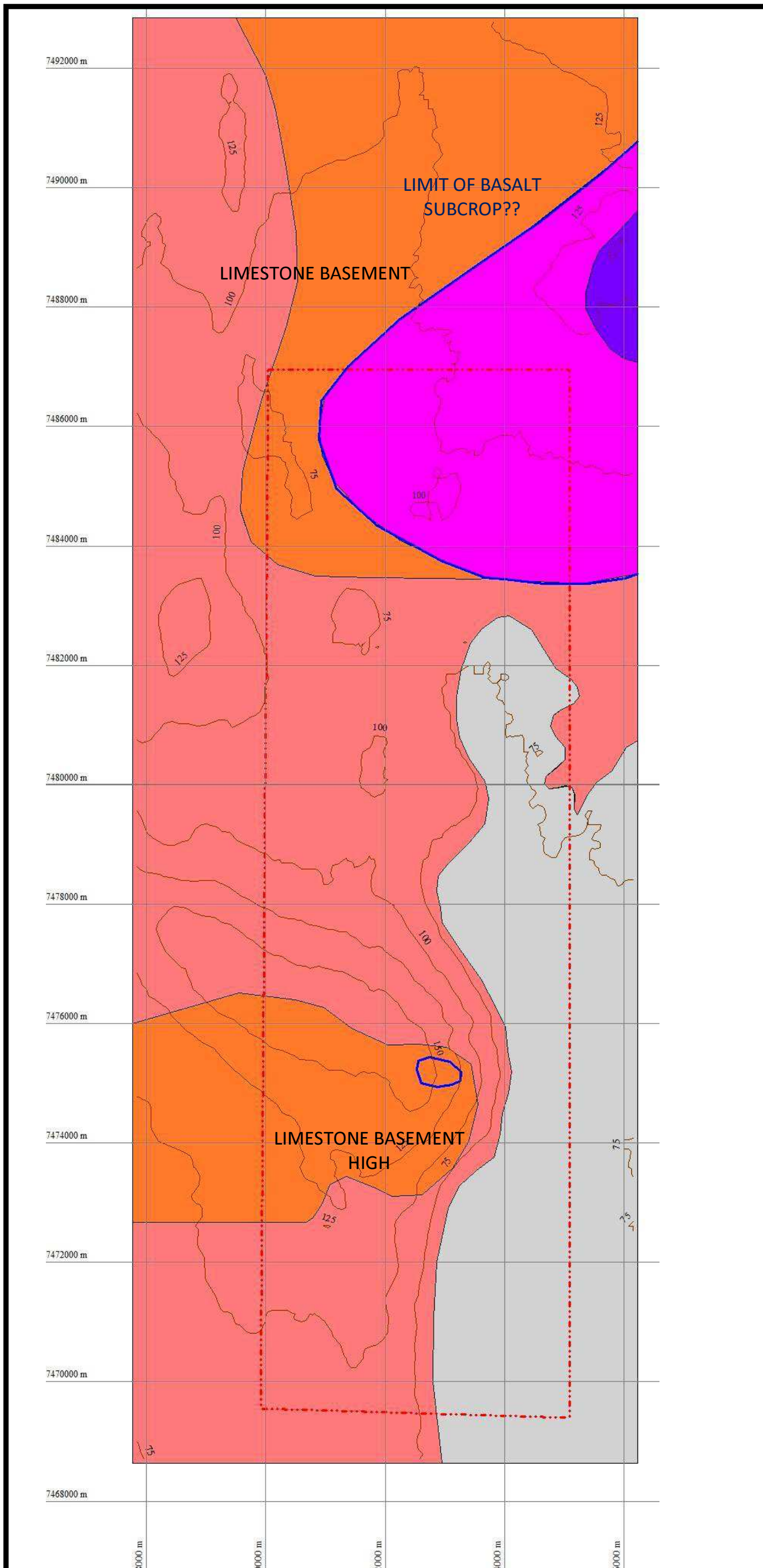

Figure 4. *Simplified Geological Map of the Ankililoaka property.*

Legend

Superficial Geology

- Alluvium
- Red/Orange Sand
- Red Sands
- Red Clay coated Sands

Basement Geology

- Basalt

Physical Features

- Contours (metres)
- Ankililoka Permit

Projection: UTN Zone 38S

WGS84

7.2.2 Basibasy

Topographic variations within the Basibasy property are slight, the altitude climbing from 75m amsl in the north, to 125m amsl in the south. Drilling on the property has defined four major units (from oldest to youngest; *viz.* Figure 5):

<u>Basement Sequence</u>

(i) Limestone Basement

White crystalline limestone underlies the unconsolidated cover sequence. On the basis of drill data, the unit appears to be gently dipping to the south and in the eastern margin of the property moderately to the west.

<u>Unconsolidated Cover Sequence</u>

(ii) Old Sand Unit

Overlying the limestone is and old sand unit. To the south the unit contains red clay coated quartz, but to the north, clay and sandy clay horizon are common in the unit.

(iii) Younger Sand or Clay and Unit

A younger sand unit, lacking the clay horizons of the Old Sand Unit is present in the central to western sector of the property. This unit may represent a re-working of the Old Sand Unit, and generally grades down into river sand and grits.

(iv) White Sands Unit

The White Sand Unit generally overlies the Younger Clay Sand Unit, and is comprised clean white/grey quartz sands.

7.2.3 Morombe

The Morombe property covers a complex of dune systems that are bounded to the north by the Mangoky River floodplain which vents into the sea approximately 30 km north of the estuarine inlet at Morombe. The eastern margin of the dune system is bound and juxtaposed to Lake Ihorty, which comprises an inland water body covering an area of approximately 170km^2. The south and western extent of the dune system is effectively open within the context of the exploration area, although effectively bound by a north westerly trending zone, linking Lake Ihorty to the estuarine inlet at Morombe. By convention, the area bounded within these physical features has been referred to as the “Big Dune” (Figure 6).

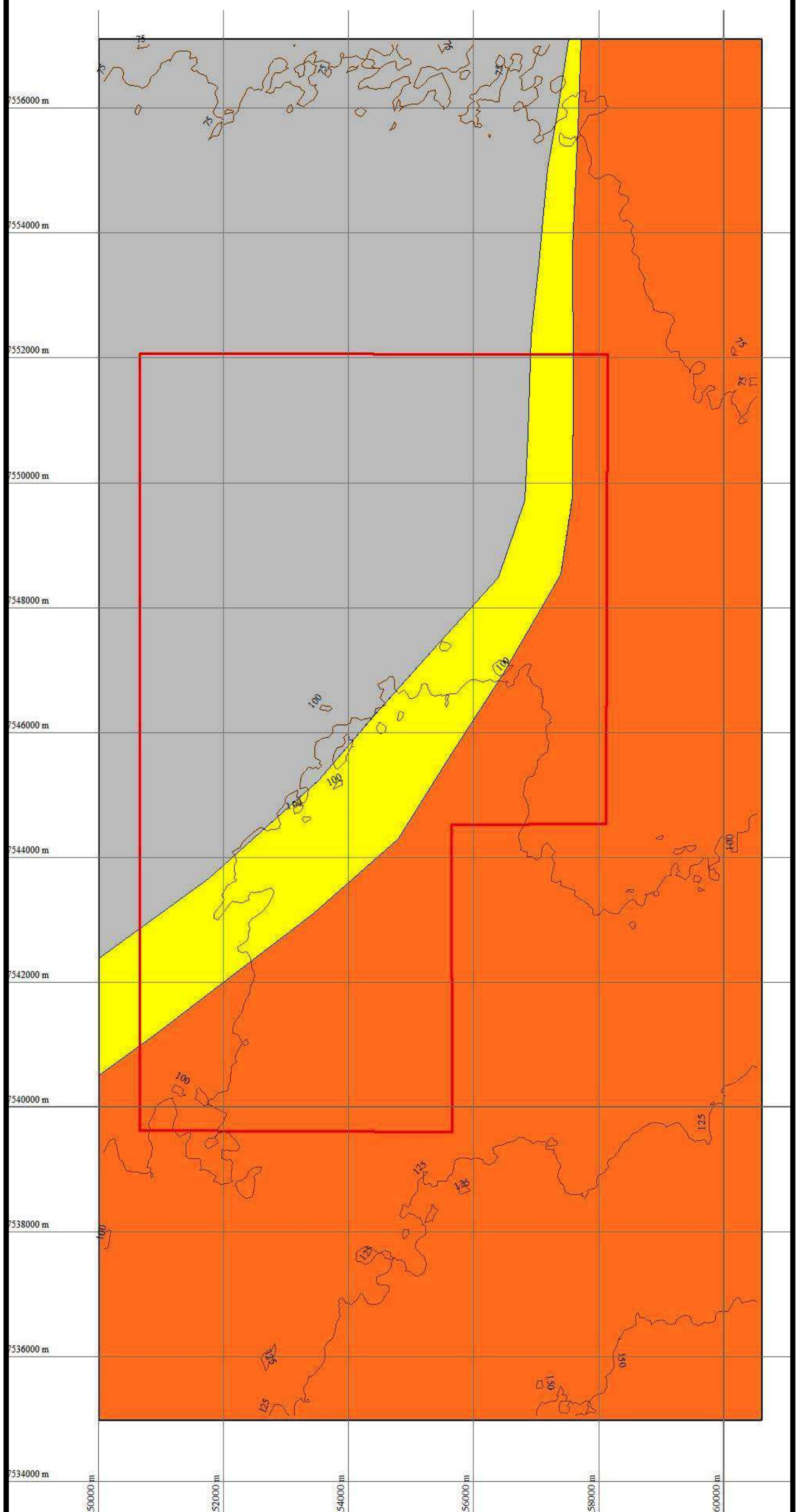

Figure 5. *Simplified Geological Map of the Basibasy property.*

Legend

Superficial Geology

- White Sands
- Young Clay Sands
- Old Sands

Physical Features

- Contours (metres)
- Basibasy Permit

Projection: UTM Zone 38S

WGS84

The western half of the “Big Dune” area is constituted in the main by a series waterlogged white quartzitic sands that form a gently dipping plane to the west northwest, descending from approximately 30 metres above sea level to 20 metres amsl over 5 km. The area is heavily dissected by a number of north westerly flowing watercourses, which coalesce into the estuary just north of Morombe town, and is characterized by relatively light vegetation, and the development of numerous pans. The northern and north western “outer rim” of the western half of the “Big Dune” from a high ground at approximately 30m – 40 m above sea level, encapsulating the inner core of low-lying waterlogged ground. This “outer rim” appears to contain at least two generations of earlier dune systems, and is relatively well vegetated. Remobilization of dune systems is evident with the western half of the “Big Dune”.

The most prominent feature within the eastern half of the “Big Dune” is the development of a recent remobilised dune system that has auto-cannibalized the underlying older dune. It describes a semicircular parabolic dune with a slip face of up to 30 metres, prominently developed to the north northwest, and to a lesser extent to the south. The northern core of the parabolic dune of occupied by small well vegetated plateau, comprising a relict of an older dune which has been cannibalised by the parabolic dune. The intervening space between the plateau and parabolic dune is occupied by semi-vegetated slip slopes, which appear to be actively eroding. The southern and northern core of the parabolic dune are separated by a westerly draining wadi, which is dissected by numerous coalescing drainage channels, which are commencing to eroded the eastern rim of the parabolic dune. The southern core of the parabolic dune comprises a gentle westerly dipping slope, lightly vegetated, and dissected by numerous west draining watercourses.

The area west of the “Big Dune” area the area is characterized by a series of younger coastal dunes, beach and estuarine deposits.

7.3 Deposit Types

Heavy mineral sand deposits of post Eocene age are the main focus of exploration within the project area. Mineral sands contain suites of minerals with high specific gravity known as ‘heavy minerals’. They include economically important minerals rich in titanium, zirconium and rare earths. These minerals occur in very low concentrations in a variety of igneous and metamorphic rocks, but being chemically and physically resistant to weathering, and having comparatively high specific gravity, they tend to accumulate in placer deposits in river channels or along coastal shorelines.

Mineral sands ore bodies essentially fall into two categories based on the mode of deposition: alluvial (old beach or river systems) or aeolian (sand systems). The main deposit types on the three properties of Ankililoaka, Basibasy and Morombe are Aeolian type heavy mineral sands.

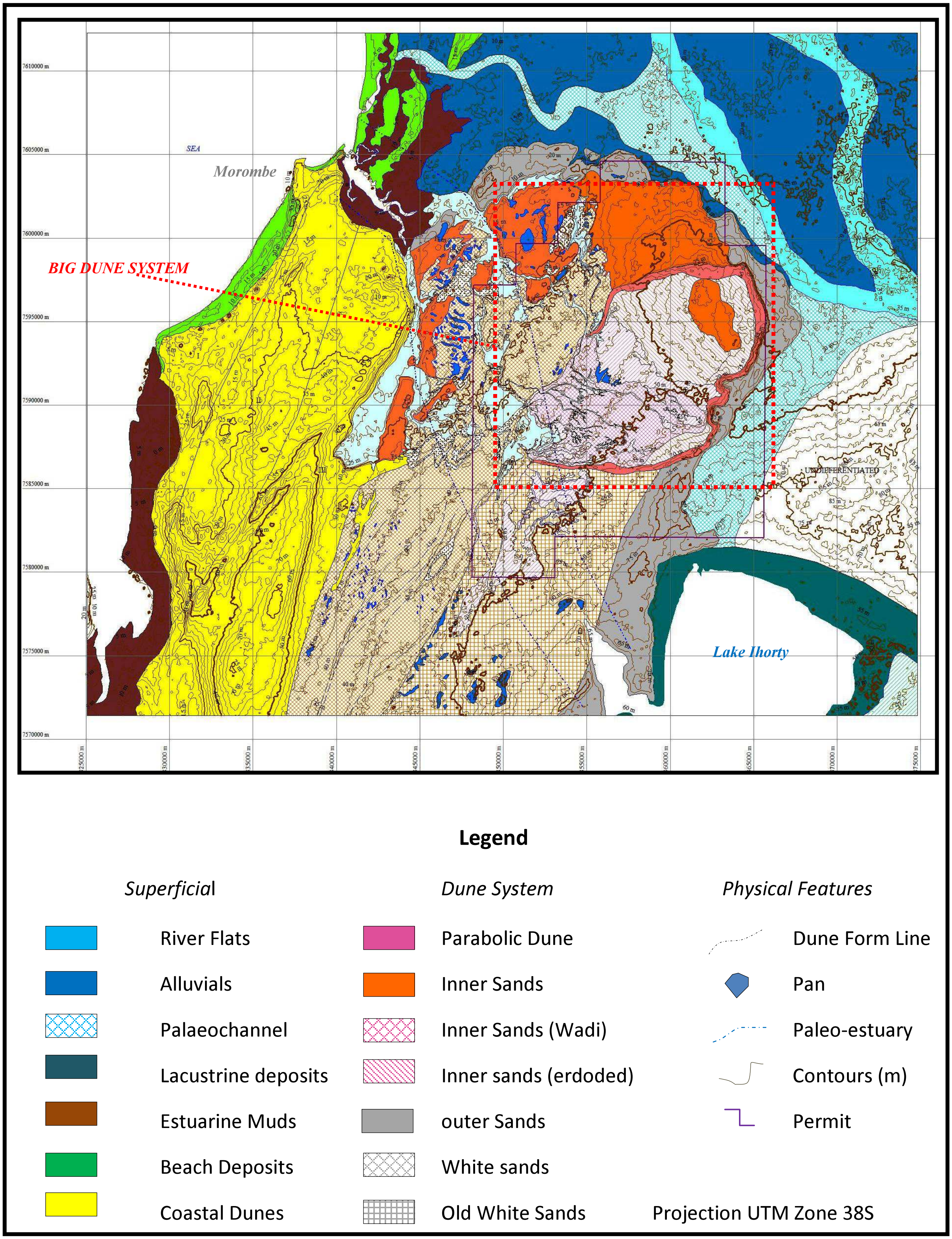

***Figure 6.** Simplified geological map of the Morombe area.*

Beach sands can house heavy mineral accumulations; wave action deposits sand on the beach, and the heavy minerals are concentrated when backwash carries some of the lighter minerals such as quartz back into the sea. Aeolian deposits form where onshore winds which preferentially blow lighter grains inland can lead to higher concentrations of heavy minerals at the front of coastal dunes. Dune systems can also concentrate heavy minerals by the winnowing action of lighter grains being dispersed by the wind.

7.4 Mineralization

7.4.1 Ankililoaka

Several sand units have been identified by drilling to host potentially economic grades of Heavy Minerals. These can be summarized as follows (viz. Figure 7):

- A thin (10m) thick of red clay coated sand overlying a basalt basement in the north of the area containing 2%-5% HM, which appears laterally limited.
- The red quartz sands south of the limestone basement high (Figure 7), significant HM intersections were encountered in three holes during the 2005 air-core drilling program (Table 4).

Table 4. *HM intersections south of the basement high of the Ankililoka property.*

Hole ID	Composite Interval	Composite Length (m)	Slimes Wt%	HM Wt%
A20	0m – 18m	18	6.82	5.82
A21	15m – 30m	15	4.38	9.53
A23	0m – 18m	18	6.56	5.26

- North of the limestone basement high extending for a distance of approximately 5 000 metres significant HM intersections were encountered in easy washing sands with a yellow or orange clay fraction in 6 air-core holes (Table 5).

Table 5. *HM intersections north of the limestone basement high on the Ankililoka property.*

Hole ID	Composite Interval	Composite Length (m)	Slimes Wt%	HM Wt%
A27	0m – 45m	45	7.04	6.05
A28	0m – 45m	45	6.87	4.72
A29	0m – 45m	45	11.57	4.50
A30	0m – 36m	36	8.07	3.87
A31	9m – 45m	36	7.83	5.63
A32	3m – 24m	21	11.38	8.99

HM mineralization appears to be present at two topographic intervals; at the southern end of the drill transect drill holes A27 and A28 indicate the presence of mineralization between 80m – 130 m amsl.

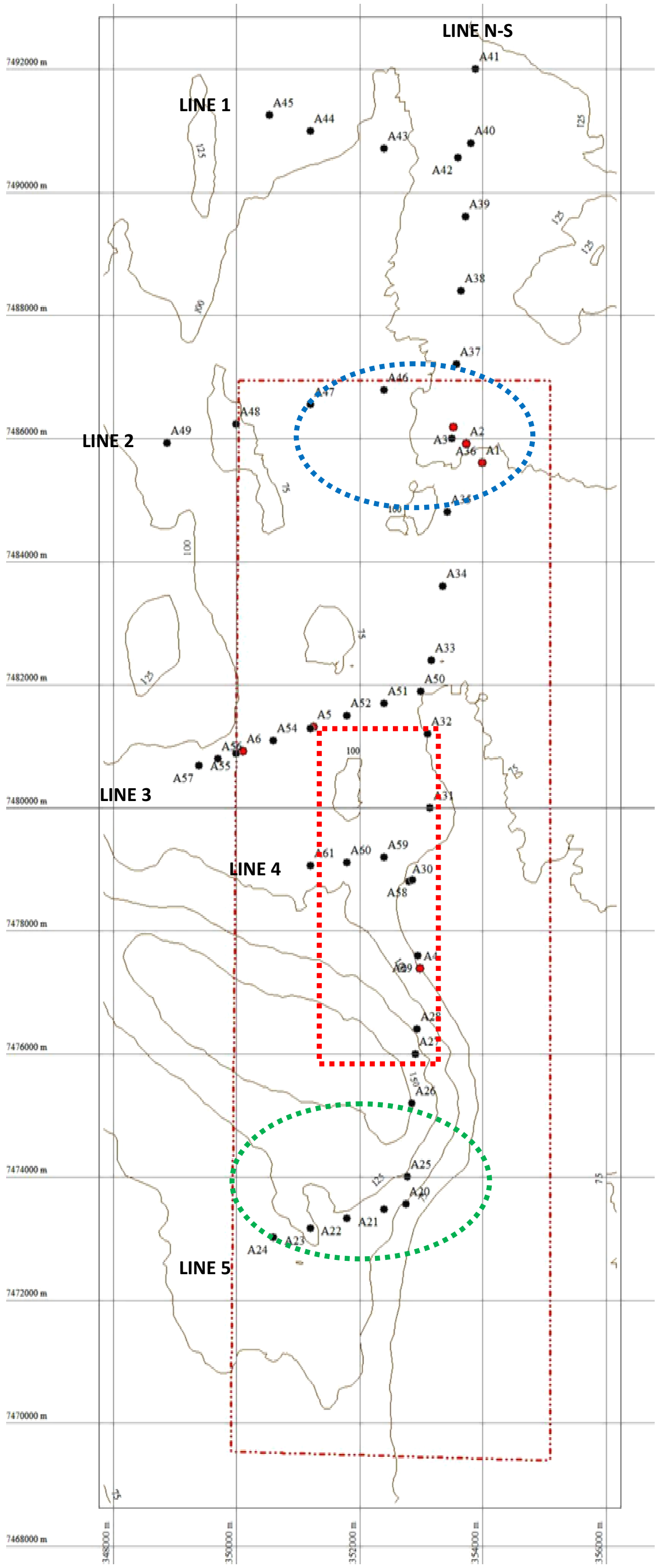

Figure 7. *Mineralization within the Ankililoka property.*

Legend

Drill Programs

- 2001 Drill Holes
- 2005 Drill Holes

Mineralized Areas

- Red Clay Coated Sands
- Orange Sands
- Orange/Red Sands

Physical Features

- Contours (metres)
- Ankililoka Permit

Projection: UTN Zone 38S

WGS84

The longitudinal extent of this mineralization has yet to be tested by additional drill holes; however as Woods (2005) points out, holes A20 and A21 are at the same altitude to the south southwest. Holes A29 – A32 occur between 20m – 80m amsl along the drill transect. The longitudinal extent of this mineralization has been tested in holes A56 – A61 and in drill-hole A30, which contain and average grade of >3% HM, declining westwards from the drill transect.

The northern east –west drill transect (drill holes A50 – A57) contained sand bearing >2% HM, apart from hole A56 which yielded 7.05% HM over 36 metres (6m – 39m), with HM intercepts of up to 23.43% HM.

7.4.2 Basibasy

To the south, the Old Red Sand Unit contains red clay coated quartz which as superseded to the north by sands containing sandy clay horizons. The unit is characterized by a relatively low HM concentration (<3% HM), and appears have little potential to host significant HM mineralization.

The overlying Young Clay Sands Unit may represent a re-working of the Old Sand Unit, lacking the clay horizons present in the latter to the east. This unit appears to grade downwards in to a series of fluvial sands and grits (Woods, 2006). HM analyses from air core drilling indicate that the unit contains significant HM concentrations with composited HM values ranging from 3.17% HM over 30 metres (BA58) to 7.32% HM over 36 metres (BA79) (Table 6), and beneath the White Sands Unit to the west (BA52 – BA55; BA30, BA81, BA82, BA31, BA84; see Figure 8).

Table 6. *Drill composite HM and slimes value intercepts from the Young Clay Sands.*

Hole ID	Composite Interval	Composite Length (m)	Slimes Wt%	HM Wt%
BA58	0m – 30m	30	9.17	3.17
BA76	0m – 33m	33	8.49	3.96
BA78	0m – 30m	30	7.45	4.89
BA79	0m – 36m	46	7.25	7.32
BA80	0m – 33m	33	7.75	6.17
BA74	0m – 33m	33	8.58	5.12
BA82	0m – 27m	27	8.73	3.90
BA28	0m – 30m	30	7.59	3.35
BA52	0m – 39m	39	8.59	4.08
BA53	24m – 33m	9	14.92	4.32
BA54	21m – 39m	18	13.45	5.35
BA55	27m – 45m	18	12.86	4.27
BA30	9m – 30 m	21	12.16	4.96
BA81	9m – 30m	21	10.08	7.70
BA83	9m – 30m	21	9.57	5.63
BA31	18m – 30m	12	8.17	5.09
BA84	18m – 27m	9	10.17	4.57

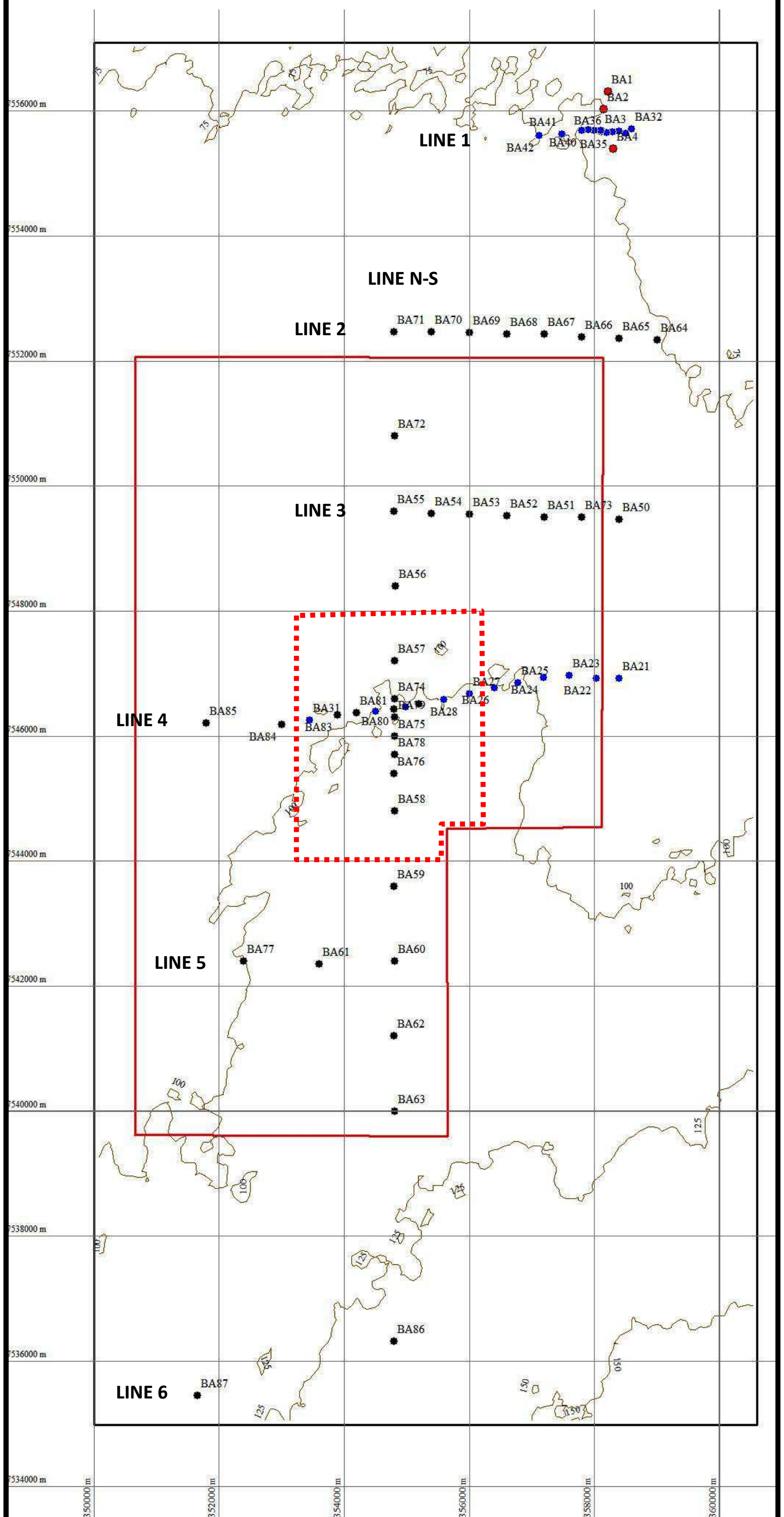

Figure 8. *Mineralization within the Basibasy property.*

Legend

Drill Programs

- 2001 Drilling
- 2003 Drilling
- 2005 Drilling

Mineralized Area

- Young Clay Sands

Physical Features

- Contours (metres)
- Basibasy Permit

Projection: UTM Zone 38S

WGS84

The White Sand Unit, which overlies the Young Clay Sand Unit to the West, has little potential to host significant HM mineralization, being comprised a clean white/grey quartz sand unit with <1%HM and 1% - 2% slime.

7.4.3 Morombe

Significant HM mineralization has yet to be located on the Morombe property. The Coastal Dune Unit to the west of the current property (Figure 9) was sampled during the 2001 air core drilling program. Two air-core drill profiles comprising a southern transect of six holes (1 – 6) drilled over approximately 9.5 km from east northwest to east southeast, and a northern transect drilled from west to east comprising four air-core drill holes (holes 15 – 18) over approximately 4.6km yielded average intercepts of 1% - 1.5% HM and 1.5% - 3% respectively (Figure 9).

The western most sector of Outer Sand Unit (Figure 9) was drilled and tested in 2001 by five air core holes over 1580 metres long transect striking to the southeast (holes 10-14; Figure 9). Only hole 10 at the outer periphery of the parabolic dune showed any appreciable HM concentration, reaching a maximum of 7.17% THM (3-6 metre interval) with a composite of 5.3% THM over a 9 metre interval (0m – 9m). Other holes typically intercepted THM values ranging from 1 – 1.5% THM. The eastern sector of the unit has been sampled by a single auger hole (07A23) in 2007 which returned a composite THM of 0.8% over 6 metres.

The Inner Sand Unit has been drilled by both air-core and hand auger. The unit has been sampled in the west by air-core holes 7 – 9 forming a profile of 1 km (Figure 9), and by auger holes 07A40 – 07A41. The highest HM value recovered was from hole 7, with 4.25% THM being recorded in the interval 0m – 3m. Average HM for the bulk of the unit lies in the range 1% – 1.5% HM. Shallow auger drill samples 07A40 and 07A41 recorded THM values of 2.6% and 2.8% over 4 and 5 metre composites respectively. Auger drilling on the erosional dip slopes within the “eye” of the eastern Big Dune (auger hole MOR10 – MOR12), and to the north of the mobile parabolic dune (07A33 an 07A29; Figure 9) returned HM values in the range of 1.0% - 1.25% HM over 6 metres (MOR10 – 12), and recoveries of 1% and 1.4% HM over 3 metres (auger holes 07A29 and 07A33).

This Parabolic Sand Unit (Figure 9) has been sampled by a number of auger holes drilled in 2007 clustered in different sectors of the mobile parabolic dune. The sampling sectors are best described as follows:

(i) Holes MOR14 – MOR16: Western Sector

All holes intercepted clean quartzite sands with composited THM values of 3.6% and 4.8% over 6 metres being recorded in hole MOR13 and MOR14, and 1.4%THM over 4 metres being recorded in hole MOR15.

(ii)   Holes 07A34 – 07A36: Northwestern Sector

Clean quartz sands over the first six metre interval, yielding composted THM values in the range of 2.1% - 2.6%.

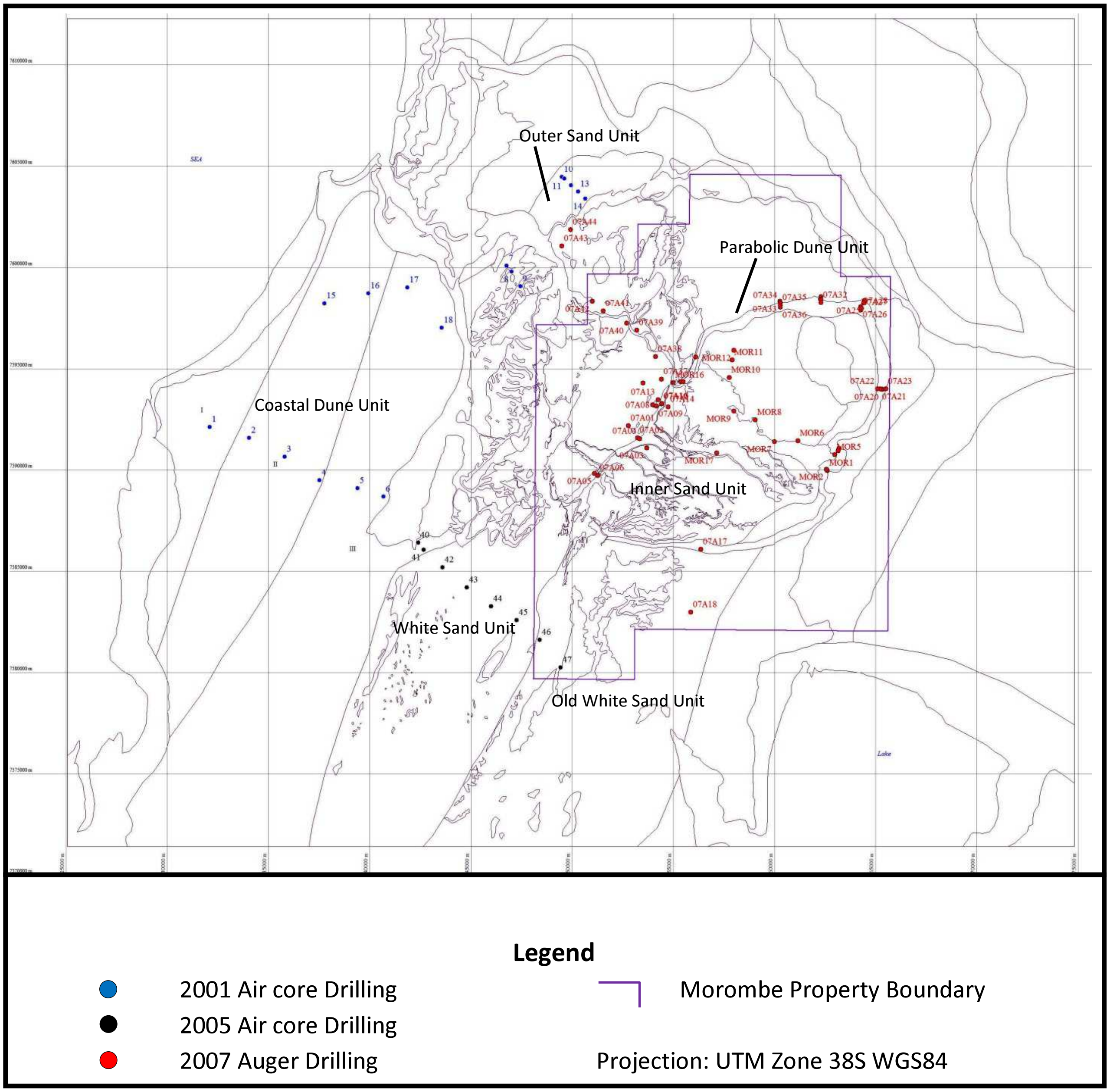

Figure 9. *Drill sampling site, Morombe property.*

(iii)   Holes 07A30 – 07A32: North Sector

Clean quartz sand intersected between 4 and 6 metres yielding composited THM values ranging from 3.1% -4.8% THM.

(iv) Holes 07A24 – 07A28; Northeastern Sector

Clean quartz sands over the first 6 metres yielding composited THM values ranging from 0.4% - 2.4% THM.

(v) Hole 07A19 – 07A22: Eastern Sector

Clean quartz sands over the first 3 – 6 metre interval, returning composited THM values ranging from 0.45% - 1.48% THM.

(vi) Holes MOR1 – MOR5: Southeastern Sector

Holes MOR1 – MOR4 returned clean sands over the first six metres with composited values ranging between 1.6% and 3.2% THM. Hole MOR5 returned sands over the first 1.6 metres with a THM value of 1.6%.

(vii) Hole 07A17: South Sector

Clean quart sand over 6 metres with a composited THM value of 0.64% THM.

The White Sands Unit was sampled by 6 air core holes (40 – 45; Figure 9) describing a southeasterly striking transect over 6.25km drilled in 2005. HM values ranged from 0.21% (Hole 44, 3m-6m) to 4.72% (hole 40, 21m-24m), with average HM values between 1 – 1.5%. Auger holes drilled to the north in 2007 (viz. Table 7) gave yielded slightly higher average composite values.

Table 7. *Auger drill composited THM results from White Sands Unit.*

Hole ID	Depth (m) and composite length	THM Composite %
07A01	7	1.03
07A02	6	1.93
07A08	5	2.09
07A06	6	1.64
07A09	6	1.78
07A11	4	1.68
07A13	6	2.85
07A37	5	1.15
07A38	4	1.93
07A39	3	2.28

The Old White Sand Unit (Figure 9) has been sampled in its western margin by two air-core holes (46 and 47) drilled in 2005, and one auger hole (07A18) drilled in 2007. HM values from both air core holes ranged between 0.19% – 1.82%. Auger hole 07A18 yielded a composited THM return of 0.58% over 4 metres.

8.0 Exploration and Data Compilation

8.1 Overview of the Exploration Programs on the Toliara Sands Project

The initial phases of exploration and discovery of heavy mineral sands mineralisation on the Ankililoka, Basibasy and Morombe properties were undertaken between 2000 and 2001 during four field surveys. Samples were collected from the dune systems between Toliara and Morombe using a hand auger. Interpretation of Landsat images, topographical maps and field inspections indicated that there was potential for significant volumes of sand with potentially economic grades of HM at a number of sites between Toliara and Morombe.

Aircore drilling as first undertaken in 2001 on a number of selected sites, with subsequent follow up drill programs being implemented in 2003 and 2005.

8.1.1 Ankkililoaka

In October/November 2001, a reconnaissance aircore drilling program was conducted over the Ankililoka property, comprising of 6 drill holes for a total of 135 metres. In 2005 this was followed up a second air core drill program comprising a further 42 holes for 1,486 metres.

8.1.2 Basibasy

An initial reconnaissance dill program was undertaken on the Basibasy property in 2001, comprising of 4 air core holes for a total of 90 metres. Two follow up drill programs were undertaken; in 2003 a further 22 holes were drilled by aircore for 678 metres, and in 2005 28 drill holes totaling 1,386 metres were completed.

8.1.3 Morombe

A total of 18 aircore drill holes were drilled on an expanded property in 2001, mainly focused to the west of the current property licence. This was augmented in 2005 with a further 8 aircore drill holes located to the south west of the current property. In 2007 two auger drilling programs over the more inaccessible reaches of the interior of the property. A total of 55 hand auger holes were drilled for a total of 268.1 metres.

8.2 Geological Data

The geological data for Ankililoka, Basibasy and Morombe consist of surface mapping and drill logs. Surface mapping has been carried out on the three properties primarily using satellite and air-photo interpretation, combined with limited ground truthing from site visits and drill data. These maps show the general disposition of the ground units, and although not regarded by the author as authorative, are sufficient for the purposes of defining an exploration target. The geological logs recorded from both the auger and air core drilling programs have been checked for consistency by the author, and appear competently logged.

8.3 Drill Hole Database

The drill hole data for the Ankililoka,, Basibasy and Morombe properties is kept in multiple files, both for properties and drill programs. All the data has been held in spreadsheet format, with no consolidation of the data into respective depositories. The author has undertaken the task of cross checking and validating the data against original drill logs where available, and original assay certificates, and compiling the data into structured database for each property. The compiled drill database is included as appendix 1 to this technical report.

For the current project, the data has been exported from newly created Access database files in CSV format, and imported in to Surpac Vision, and revalidated.

8.4 Survey

The collar positions of all air core and auger drill holes were located using hand held GPS and a barometric altimeter. Collar positioning utilized a standard UTM WGS84 grid Zone 38 S (Malagasy National UTM Grid). Both the auger and the air core drilling are vertical and shallow (maximum depth 48 metres) and so down-hole surveys would not normally be considered appropriate. Whilst the method of collar positioning (especially altitude fix) is not considered ideal or appropriate for a full resource model, the author considers it to be of sufficient accuracy to define an exploration target.

8.5 Drilling

8.5.1 Introduction

The 2001, 2003 and 2005 air core (AC) drill programs were all undertaken using a Landcruiser-mounted Wallis Mantis 75 air core rig which was shipped from Fremantle in Western Australia to Toliara for the purpose. The rig uses a standard NQ diameter to depth of 75 metres. The relevant holes number and meterage drilled for each property and year undertaken are given in Table 8.

The 2007 auger drilling programs were undertaken using a man potable auger drill fitted with a 25cm x 8 cm recovery barrel, capable of recoveries up to 18 metres depth via application of extensions. Whist drilling was undertaken in the dry seasons; the relatively high water table within the property general resulted in limited drill string of up to 7 metres due to barrel loss below the water table.

***Table 8**. Air core drilling Programs at Ankililoka, Basibasy and Morombe properties.*

Year	Property	Hole Range	No. of Holes	Drilled (m)	Analysed (m)	Analyses (#)
2001	Ankilliloka	A1-A6	6	135	100	34
2005	Ankililoka	A20-A61	42	1486.4	1411.9	473
Total			48	1621.4	1511.9	507
2001	Basibasy	BA1-BA4	4	90	85	41
2003	Basibasy	BA21-BA42	22	678	638	213
2005	Basibasy	BA50-BA87	38	1388.6	1329	443
Total			60	2156.6	2052	697
2001	Morombe	M1-M18	18	469	381	128
2005	Morombe	M40-M47	8	237	237	79
Total			26	706	618	207

A total of 16 and 39 auger samples were collated by the two field programs, totaling 55 auger holes for 268.1 metres (refer to Table 9).

***Table 9.** Auger drilling Program Drill Statistics on the Morombe property.*

Auger Program Phase	Number of Holes	Total Metres	Average depth per Hole (m)	Meters Analysed	Number of Analyses
2007 (a)	16	69.1	4.3	69.1	71
2007 (b)	39	200	5.1	200	200
TOTAL	55	269.1	4.9	269.1	271

8.5.2 Ankililoaka Drilling

The 2001 air core drilling program focused on the eastern flank of the dune system to the west of Ankililoaka (Figure 7). Holes A1- A3 were drilled near a basalt outcrop where HM was visible in the track in the northeastern sector of the property between 350m – 400 metres apart, describing a drill line covering 750m striking N320^{o}. Hole A4 was drilled on the eastern slope of the dune in the central sector of the property where HM had previously been obtained during a reconnaissance visit. Holes A5-A6 were drilled 5km to the north of A4, on the eastern slope of the dune at an elevation of around 100m.

The 2005 air core drilling program was undertaken in a more systematic fashion; to the west and northwest of Ankililoaka where high grade HM was intersected in holes A3, A4 and A5 and along a north south seismic cut-line to the west of the basalt intrusion. Holes A20 – A24 were drilled in the southern sector of the property at intervals of 360-620 metres apart along a strike line N260°E. Holes A25 – A41 were drilled approximate 1.2km apart along the old seismic line striking N004°E over an approximate distance of 18km. Holes A46 – A49, A50 – A57, and A58 – A61 were drilled as three drill lines striking approximately N255°E at variable drill spacings between 320 and 1200 metres apart.

8.5.3 Basibasy Drilling

Holes BA 1- BA4 were drilled approximately 320 metres apart during the 2001 air coring program on the eastern margin of the dune field characterized by a series of low sandy ridges and intervening low areas north of Basibasy (Figure 8). Two drill lines were completed during the 2003 drill program on the sand dunes in the central and northern sectors of the property. These comprised BA21 – BA31 completed over a line distance of 5km at a semi –regular spacing between 400 and 1000 metres striking approximately N260°E; and holes BA32 – BA42 for a strike distance of approximately 1.5km, drilled on hole spacing of 100 and 340 metres on a similar strike.

The 2005 drilling program was undertaken west and northwest of Basibasy where high grade HM was intersected in BA 29 near the eastern margin of the dune system by the 2003 drill program. Holes BA50 – BA55 were drilled on a regular spacing of 600 metres over an east-west line distance of 3.6km in the northern sector of the property. Holes BA64 – BA71 were drilled in a similar fashion over a drill profile of 4.2km in the extreme north of the property, whilst holes BA60 – BA61 and hole BA77 were dilled as an east-west profile in the southern sector at a spacing of 1200 metres. Holes BA80 – BA84 were drilled to infill and extend the east-west drill line in the centre of the property (BA21 – BA31) undertaken in 2003. Holes BA56 – BA60, BA72, and BA-62 – BA63 were drilled on a 1.2km drill spacing on a north south line to tie the east-west drill lines. Two scout holes BA86 and BA87 were also drilled in the extreme south of the property to help define the subsurface geology in the south.

8.5.4 Morombe

8.5.4.1 Air Core Drilling

Four areas were tested by the 2001 drilling at Morombe (viz. Figure 9):

1. Holes 1- 6 were drilled on a 6.5km transect across a young dune field located immediately east of Morombe airport at elevations between 18m and 38m.
2. Holes 7-9 were drilled between the main road and the mobile dune across one of the oldest parabolic dunes at an elevation of around 8m - 10m.
3. Holes 10-14 were drilled on an 1100m transect across the oldest parabolic dune between the main road and a low swamp to the south at elevations between 17m and 22m.

4. Holes 15-18 were drilled on a 4200m transect along the main road (RN9) crossing the northern part of the dune drilled east of the airport.

The 2005 drilling program was drilled to test the potential of a series of older waterlogged white sand to the south west of the current property boundary. Holes 40 – 47 were drilled along a southeast striking transect at a regular spacing of 1.5km, with the exception of hole 41 which was drilled at 440m.

8.5.4.2 Auger Drilling

Auger drilling on the Morombe property was undertaken in two site visits in 2007. The auger drilling program was not undertaken on a systematic grid, rather focusing on providing sampling data from specific features.

Phase One of the auger program concentrated on sampling the following targets:

- Eastern rim – dune crest, flank and base at 2 sites (Holes MOR 1-5)
- Central area – (Holes MOR 6-10)
- Along the seismic line – North (MOR 11-12) and south (MOR 17)
- Western rim - dune crest, flank and base at 2 sites (Holes MOR 13-15)

Phase Two of the auger programs sampled the following features:

- Transect across the western contact between waterlogged scour plain and inner sands of the parabolic dune in the south west 07A01 – 07A04
- Mobile dune in along the south west rim of the parabolic dune 07A05 – 07A06
- Transect across the western contact between waterlogged scout plain and inner sands of the parabolic dune in the west 07A08 – 07A11; 07A13 – 07A14, 07A16
- South rim of the parabolic dune 07A17
- East rim of the parabolic dune 07A19 -07A23
- Northeast rim of the parabolic dune 07A24 – 07A28
- North rim of the parabolic dune 07A29 – 07A32
- North northwest of the parabolic dune 07A33 – 07A36

- Northwest striking drill transect over 8.3km from the western margin of the parabolic dune across the central scour plain to the outer rim of the Big Dune 07A37 – 07A44

8.6 Sampling and Assaying

8.6.1 2001 Air Core Drilling Program

For the 2001 drilling program at Ankililoaka, Basibasy and Morombe, drill samples were collected every 2 or 3 meters, mixed, panned and logged. Two subsamples were collected from each interval:

- A small (300g - 400g) subsample in a sealed plastic bag for subsequent HM analysis by Western Geochem Laboratory (Perth, Australia) who then carried out analysis of oversize, slime and TBE concentrations

- A larger (2kg - 3kg) subsample in a calico bag. These bags were taken back to base camp, dried and combined to give one bulk sample per hole. This bulk sample was then passed through a mini spiral, to give a rough HMC (HM Concentrate) with around 20% - 30% HM. The rough HMC was then bagged and returned to Australia for chemical and mineralogical analysis. The cut on the spiral was set at approximately twice the width of the HM stream, and the “lights” stream was panned to check for HM loss (Woods 2006).

In general no preparation (apart from drying) was carried out prior to submitting the sample to the spiral. The only exceptions were samples (mainly from Basibasy and near Morombe) that contained significant quantities of clay, which was washed out prior to spiraling.

The large rough HMC samples were split into four 500g subsamples (where possible), so that sufficient samples remained for follow up analysis. Based on location, stratigraphy and HM%, one set of 500g subsamples was then combined into 15 composites (TC 15-29 - Table X).

Table 10. *Location and drill composites of spiral concentrate samples.*

Concentrate Sample No.	Location	Drill Hole Nos.
TC15	Ankililoka 1	A4
TC16	Ankililoka 2	A5, A6
TC21	Basibasy 1	BA1 0-12m; BA2 2-10m; BA3 2-10m; BA4 2-11m
TC22	Basibasy 2	BA2 10-12m; BA3 10-15m; BA4 2-11m
TC23	Basibasy 3	BA2 14-24m; BA3 15-16m; BA4 15-21m
TC26	Morombe 1	1 - 6
TC27	Morombe 2	7 - 9
TC28	Morombe 3	10 - 14
TC29	Morombe 4	15 - 18

These composites were forwarded to AMMTEC who carried out dry separation of HM species, and chemical and mineralogical analysis under the direction of TZT.

8.6.2 2003 Air Core Drilling Program

For the 2003 drilling program, drill samples were collected every 3 meters, mixed, panned and logged. Two subsamples were collected from each 3m interval:

- A small (300-400g) subsample in a sealed plastic bag for subsequent HM and slime analysis by IMP laboratory in Johannesburg, South Africa for analysis. (BA1 - BA7, and BA22 - BA42).
- A larger (2-3kg) subsample in a calico bag. These bags were taken back to the base camp and dried. Any sample that dried to a solid mass was then placed in a bucket with water, agitated, the clay fraction poured off and the sand fraction re-dried. The dried samples were then re-bagged and held in one polyweave sack per hole.

The remaining sets of drill samples (BA2 - BA10) were bagged in six polyweave sacks and labeled as "Mineral Bearing Sand" as follows: BA2, BA3, BA4, BA5/BA6, BA7/8, BA9/BA10. These samples were shipped to TiWest in Australia for further processing and analysis.

8.6.3 2005 Air Core Drilling Progam

For the 2005 drilling program each 3m sample was then mixed and a 1kg subsample split out and bagged in calico. The balance of the sample (around 15kg) was placed in a large polyweave bag. All samples were taken to the storage area and dried on plastic sheets before transport.

The 1kg samples in the calico bags (A samples) were then bagged in a large polyweave bag (one for each hole) and shipped to the laboratory. The 15kg polyweave bags were then placed in large green plastic (UV resistant) bags and stored on site at Ranobe ready for later processing through the pilot plant. Duplicate extra samples were also collected from drill intervals that appeared to have high grade HM. In addition to the above, two additional 1kg splits were collected every 20th sample for check analysis (B and C samples) from Ankililoaka and Basibasy. Sequentially numbered cardboard tickets (000, 001, 002 etc) were placed in each calico bag (A sample and Control sample) with a record kept of ticket number, hole and depth. Aluminum tags with matching numbers were placed in calico bags for each B, C and Extra sample. A large plastic label with drill-hole number and depth was placed in each green plastic bag.

At Morombe only 1kg samples (A sample) were collected.

Subsamples (A series) were airfreighted to ACT laboratory in Pretoria, South Africa for TBE determination. Subsamples (B and C series) and Extra samples were airfreighted to Australia. Subsamples B were processed at Western Geochemical Laboratory to produce TBE and slimes %. Subsamples C were held in reserve.

8.6.4 2007 Auger Drilling Program

Samples were collected at 0.25 metre intervals, and collated into 1 metre composites into calcio bags. Where samples were less than a metre, these were collated into the nearest composite length and marked accordingly. Sample bags were sealed with a numbered rip seal and marked accordingly. The samples were sun dried before being shipped.

Bulk residues appear not to have been stored for the 2007 auger program, possibly because of the relatively small sample size, they were consumed during metallurgical testing.

All samples were dispatched to and analyzed by ACT Laboratory in Pretoria, South Africa, which is an ISO9000 accredited facility. The detailed procedure followed by ACT Laboratory is not recorded however slimes was taken as the -63um fraction and oversize as the +1,000um fraction. Separation of concentrates was by heavy liquid (tetrabromoethane (“TBE”) at density 2.95 g/cc).

8.7 Quality Control

8.7.1 2001 Air Core Drill Program

There is no record of quality control procedures having been put in place for the 2001 drilling program except for a series of duplicate samples submitted to WGL Laboratories for TBE analyses from the Morombe samples. Approximately 5% of these samples were duplicated and submitted for analyses. An analysis of the precision of the duplicate samples has been undertaken by the author and shows a good correlation better than 97% and 99% respectively (Table 11). Three referee samples from the 2001 Ankililoka progam were also sent to ACT laboratories in South Africa for TBE analysis. The correlation between the A samples and the referee samples also show a good correlation of better than 99%.

Table 11. *Precision and referee sample correlation for the 2001 air-core drilling.*

Property	# Analyses	Analysis Type	Component	No. of Samples	% of Samples	Correlation	Fit
Morombe	129	Duplicate Samples	HM	11	9%	Y=0.9921x	R^2=0.9990
			Slimes	11		Y=0.9750x	R^2=0.9983
Ankliloka	34	Referee Samples	HM	3	9%	Y=1.0002x	R^2=0.9994
			Slimes	3		Y=0.9945x	R^2=0.9959

8.7.2 2003 Air Core Program

For the 2003 air-core program, apart from regular checks of analyses against fields logging estimates, no quality control procedure appears to have been put in place. Although no QC data is available for the 2003 drill program, the drilling was undertaken by the same drill contractors and laboratories following the same sampling procedures as the 2001 and 2005 air-core programs. There is no reason to believe that the sampling data for this program is deficient.

8.7.3 2005 Air Core Program

For the 2005 air-core program a number of QC procedures were put in place. These included:

- Regular checks of analyses against estimates from field logging;
- Submission of B and C samples to a second laboratory;
- Duplicate Extra samples were collected from drill intervals that appeared to have high grade HM.

As a general rule the result of the A sample was taken as the correct result unless:

- comparison with the field log suggested it was incorrect
- comparison with the Check B sample was not within ± 5%.
- comparison with an Extra sample was not within ± 5%

If there was any doubt, analysis of the A sample was repeated.

If the repeat A sample agreed with the original analysis, the original A sample was selected. If the repeat A sample, the B sample or the Extra sample did not agree with the original analysis, the most consistent analysis or the analysis that agreed closest with the field log was selected.

The relevant statistics of referee and repeat analyses undertaken for the 2005 drill program are given in Table 12.

Table 12. *Referee and Repeat Sample Statistics for air-core drilling.*

Property	Year	No. Analyses	No. Referee Analyses	% Referee Analyses	No. Repeat Analyses	% Repeat Analyses
Ankililoka	2005	512	24	5%	20	4%
Basibasy	2005	463	32	7%	16	3%
Morombe	2005	79	0	0%	3	4%

The repeat analyses undertaken by ACT Laboratories generally showed correlation between the samples of better than 5% with the exception of 2 samples from the Ankililoaka drilling which have disparate HM and slimes contents (Figure 10; Table 13). The latter may have been due to a sample mix up.

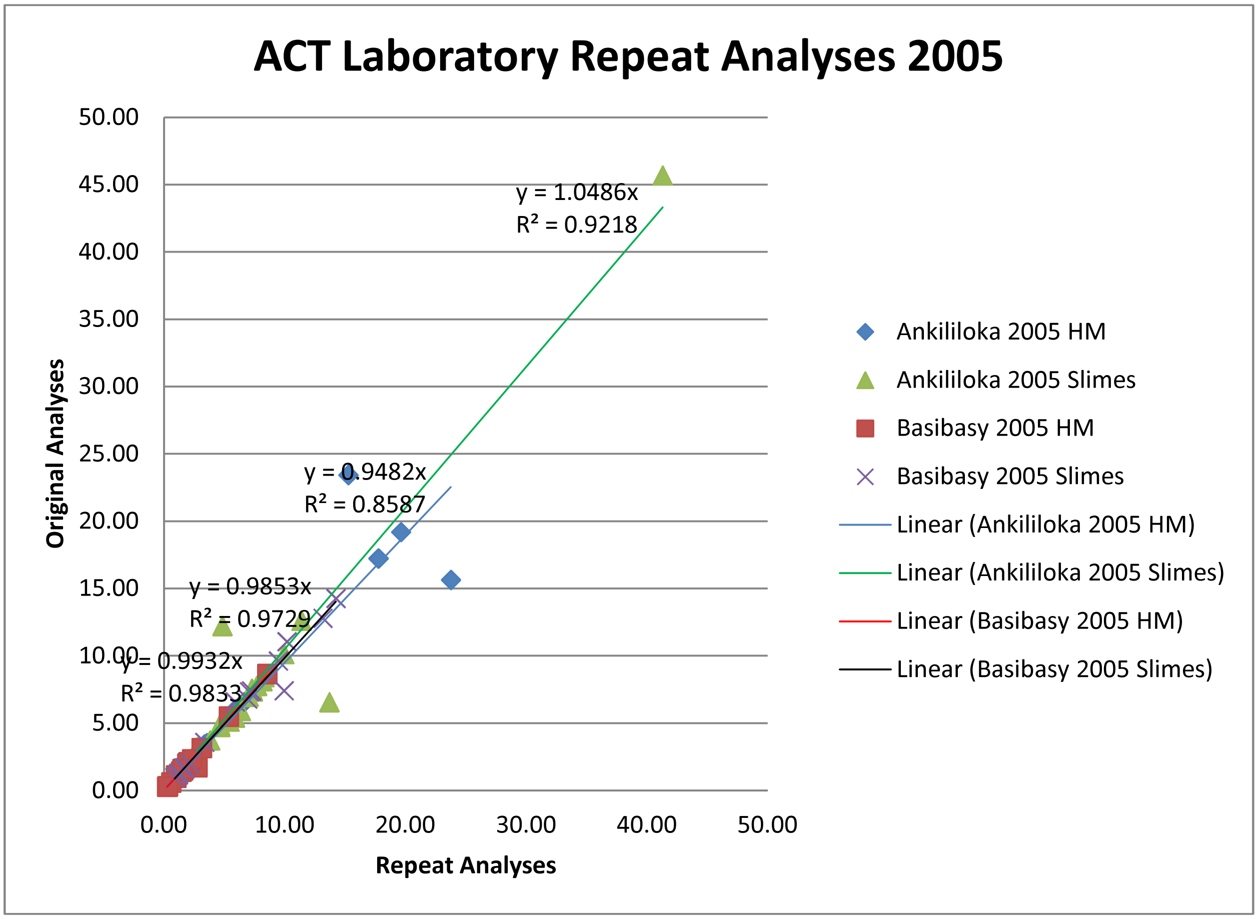

Figure 10. *Correlation between repeat samples analyses by ACT Laboratories in wt%.*

The referee analyses undertaken by WGL Laboratories generally showed a good correlation of better than 5% difference for the HM analyses (Figure 11; Table 13), however slimes analyses differences were in the order of 10%, with WGL laboratories consistently reporting lower slimes values. Woods (2006) has discussed the comparison of Sample A and sample B results for 2005 and noted a small number of anomalous results. Some of these appear to be simple sample mix-ups and some may be procedural, e.g. a faulty screen giving rise to opposing trends in slimes and HM content.

Table 13. *Correlation of Repeat and Referee samples for the 2005 air core drill program.*

Property	No. of Analyses	Component	Analysis Type	Correlation	Fit
Ankililoka	20	HM	Repeat	Y=0.9493x	R^2=0.8587
		Slimes		Y=1.0486x	R^2=0.9218
Basibasy	16	HM		Y=0.9932x	R^2=0.9833
		Slimes		Y=0.9853x	R^2=0.9729
Ankililoka	24	HM	Referee	Y=0.9559x	R^2=0.9937
		Slimes		Y=1.0904x	R^2=0.8258
Basibasy	32	HM		Y=1.0410x	R^2=0.9756
		Slimes		Y=1.1273x	R^2=0.9905

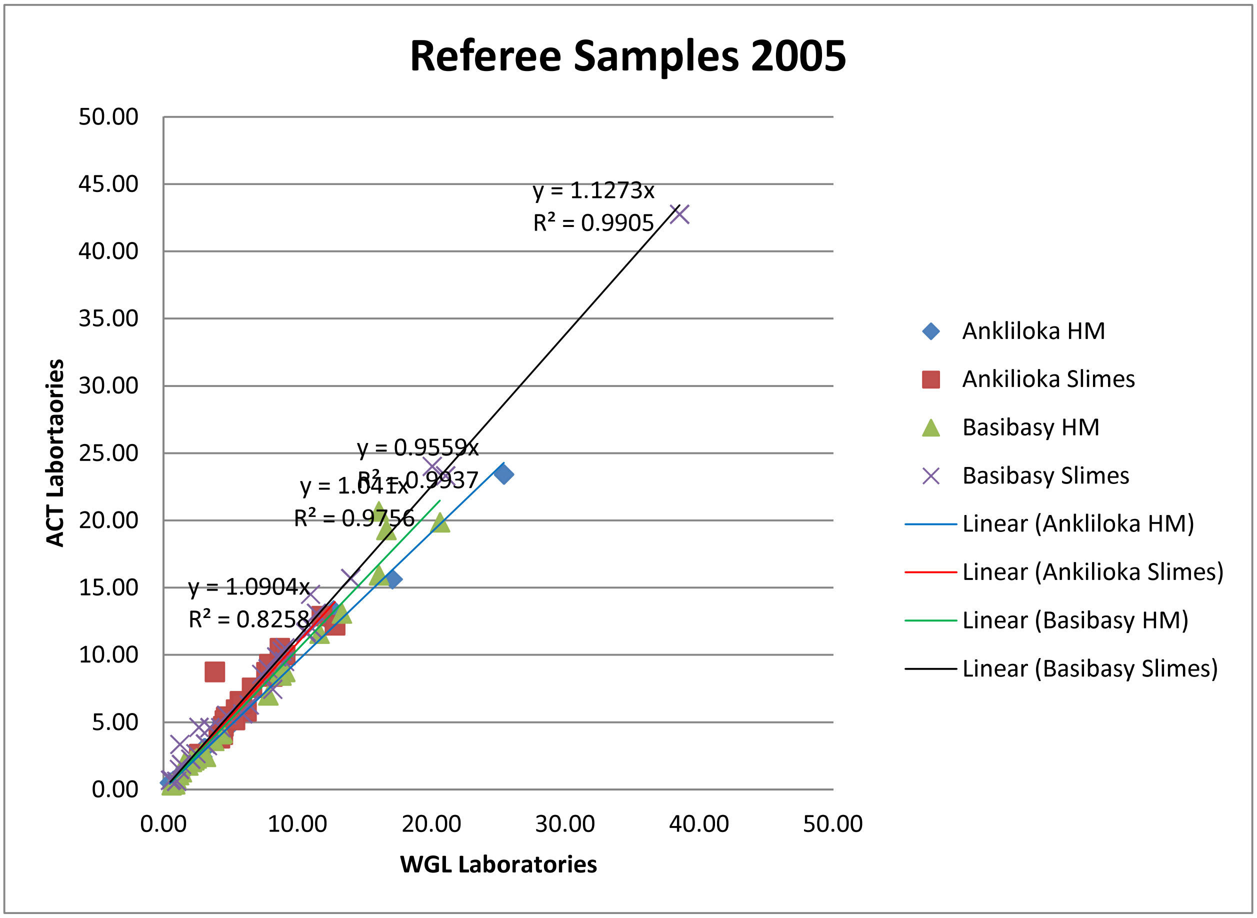

Figure 11. *Inter-laboratory correlation between ACT and WGL Laboratories.*

8.7.4 2007 Auger Drilling Program

There is no record of quality control procedures having been put in place for the first phase of the auger drilling program, with the exception of checks of the analyses against estimates from field logging.

For the second phase of the auger drilling program 11 additional duplicate B samples (5%) were submitted with the 200 original A samples for quality control purposes. These correlation between these A and B samples show a good correlation of better than 99% for HM content, and 93% for slime content (viz. Table 14). The lower degree of correlation for the slime content may be a result of the low levels of slimes within the samples

Table 14. *Duplicate Sample Analyses from 2007 Auger drill program.*

Property	No. of Samples	Component	Correlation	Fit
Morombe	11	HM	Y=0.9990x	R^2=0.9996
	11	Slimes	Y=0.9314x	R^2=0.9770

8.8 Mineral Assemblage

The mineral assemblages for Basibasy and Ankililoaka have been the subject of reports by TZT (2002), Exxaro (2007), Reyneke (2004) and Ransaywok (2007). The initial mineralogical work undertaken on the 2001 air-core drill composites by TZT (2002) (see section 8.6.1) indicated:

1. TiO2 content of the ilmenite rises from:
    - 48% in the dunes at Ankililoaka and in the Coastal Dune Unit immediately east of Morombe
    - 52-60% TiO2 in the oldest dunes at Basibasy and east of Morombe
2. Zircon content rises from:
    - 6% at Ankililoaka, in the Coastal Dune Unit east of Morombe
    - 7-10% at Basibasy and east of Morombe

Reyneke (op. cit.) undertook a mineralogical investigation of the heavy mineral-bearing composite samples (BAS1 and BAS2) from the spiral concentrates produced from the 2003 drilling of Basibasy. A summary of these samples and composites from each hole is as follows (Table 15):

Table 15. *Spiral composites from the 2003 drilling program at Basibasy*

Line	Drill Hole No.	Bulk Sample No.	Spiral Concentrate No.
Southern/Bevondro	BA22- BA 27	BA 1/2	BAS 1
	BA 28- BA 31	BA 3/4	BAS 1
Central/BA3	BA 32- BA 37	BA 5/6	BAS 2
	BA 38- BA 40	BA 7/8	BAS 2
	BA 41- BA 42	BA 9/10	BAS 2

Woods (2003) reports that the bulk samples for processing through the pilot plant were prepared as follows:

- BA 1 - all 3m calico samples were screened at 2mm and then composited into one sample for spiral feed (ie BAS 1).
- BA 2-10 - all 3m calico samples were screened at 2mm and spit 50:50. One portion was composited into nine samples for spiral feed (BA 2-4 into BAS 1 and BA 5-10 into BAS 2), the other half was rebagged in calico (ie BA 2-10)

The two spiral composites (BAS 1-2) were then processed, individually, through a mini spiral circuit to produce rough HM concentrates (HMC) which were dried and bagged in calico. The two HMC samples were then placed in a polyweave sack labeled BASIBASY and shipped to Titanatek in Australia for further processing and analysis.

A combination of analytical methods were used on these spiral concentrates, including X-ray diffraction (XRD), stereo microscopy, optical mineralogy, scanning electron microscopy (SEM) and energy dispersive X-ray (EDX) spectroscopy.

Ransaywok (2007) undertook preliminary metallurgical work on the 2005 drill samples from Ankililoaka and Basibasy. Initially 9 composited spiral samples were processed through a 4 stage spiral circuit with the spiral splitters set to a much more open position to maximize THM recovery at the Ranobe pilot plant. The concentrates were sun dried and further processed on a shaking table, prior to being bagged and shipped. These concentrates comprised 5 composited sample from Ankililoaka, and 4 composited samples from Basibasy (Table 16).

Table 16. *2005 drilling spiral composites used in metallurgical testing by Exxaro.*

Property	Spiral Composite No.	Drill Holes	Exarro Compsite No.
Ankililoka	A1	A34-A38; A46-A47	ANK1
	A2	A39-A45; A48-A49	
	A3	A20-A28	
	A4	129-A33; A50	
	A5	A51-A57;A59-A61	
Basibasy	BA1	BA50; BA64-BA66; BA73	BB1
	BA2	BA59-BA63; BA77; BA86-BA87	
	BA3	BA57-BA58; BA74-BA76; BA78-BA73	
	BA4	BA51-BA56; BA67-BA72; BA84-BA85	

The spiral concentrates were combined using a mass weighting by Exxaro in South Africa to produce two final composites from each property for metallurgical testing.

The results of the Exxaro optical studies for Ankililoaka and Basibasy are given in Table 17. Ransaywok (op. cit.) reports the TiO_2 content for the ilmenite product from Ankililoaka varied from 47.6% to 56.8%, whilst the TiO_2 content of the ilmenite product from Basibasy ranged from 50.2% - 59.6%.

Table 17. *Spiral concentrate samples ANK1 and BB1 optical mineralogy count (quartz free).*

Mineral	Ankililoka (Wt%)	Basibasy (Wt%)
Ilmenite	21.72	18.33
Pseudorutile	37.95	41.87
Ferropseudobrookite	0.90	3.65
Leucoxene	5.96	18.29
Rutile	1.21	1.76
Zircon	7.34	7.71
Monazite	0.81	0.86
Chromite	0.00	0.00
Goethite	7.78	2.35
Hematite	3.37	1.34
Gangue	12.61	3.76
Total (THM)	100.00	100.00

8.9 Bulk Density

No Bulk Density measurements have been made for any of the three properties. An industry wide standard is that 1% HM change in HM content is equivalent 0.01 in bulk density. For estimating tonnage purposes in this report in the absence of measured density data the formula:

Bulk Density = 1.61 + HM (in wt.%)/100

is being used as a first pass estimate.

9.0 Adjacent Properties

The only mineral property within the vicinity of the Ankililoaka, Basibasy and Morombe prospects is the Ranobe deposit held under three licences by WTR; PE37242, 39130 (mining permits), and PR3315 (exploration permit). The property is located approximately 7km to the southwest of the Ankililoaka property, south of the Manombo River, and has been the subject of an independent JORC (20040compliant resource estimate by McDonald Spiers (2012) declaring a maiden resource of (Table 18):

Table 18. *Mineral Resource Statement for the Ranobe Property.*

Resource Category	Tonnes (Mt)	Heavy Minerals		Slimes %	Mineral Assemblage (% in HM)		
		(%)	(Mt)		Ilmenite	Rutile	Zircon
Measured	209	7.59	15.9	4.01	72.2	2.4	5.6
Indicated	226	6.12	23.8	4.00	71.8	2.2	5.6
Inferred	524	5.50	28.8	4.40	72.3	2.3	5.6
Total	959	6.10	58.5	4.22	72.2	2.3	5.6

10. Exploration Targets

10.1 Definition of an Exploration Target

The JORC (2012) code on reporting standards defines an Exploration Target as a statement or estimate of the exploration potential of a mineral deposit in a defined geological setting where the statement or estimate, quoted as a range of tonnes and a range of grade (or quality), relates to mineralization for which there has been insufficient exploration to estimate a Mineral Resource. The potential quantity and grade is conceptual in nature, that there has been insufficient exploration to estimate a Mineral Resource and that it is uncertain if further exploration will result in the estimation of a Mineral Resource.

10.2 Definition of Mineralisation Cut-off

Whilst all sands are mineralised to some extent, a mineralisation cut-off to define the possible extents of an exploration target of 3% HM has been employed in this analysis of drill data from the Ankiliolaka and Basibasy properties. No exploration target from the current Morombe property has been defined.

For a drill hole to qualify for inclusion within the 3% HM cut-off, the following parameters have to be satisfied:

- Compositing the grade from the surface down hole is continuous, and the composite grade must equal or exceed 3% HM.
- The final down-hole interval of the 3% composite must equal or exceed 3% HM.
- Ideally no interval within the 3% or better HM composite shall contain a slimes value of greater than 20%.

10.3 Ankililoaka

10.3.1 Drill hole Composite

26 length weighted drill composites from the Akililoaka drill database meet the criteria for inclusion for a 3% cut-off exploration target (Table 19). Hole A27 yields a HM composite of 5.98% HM at 48 metres depth, but the last interval would include a slime interval (45m – 48m) of 23.48%. Hole A29 includes a slime interval (3m-6m; 6m-9m) of 24.98% and 23.96% in its composite. Similarly drill hole A32 contains a high slimes interval (0m-3m) at 36.08%; and also drill hole A58, with a slimes interval (0m-3m) at 22.05%. It is noted that all three of these holes have relatively elevated +1mm components ranging from 0.4% to 4.12%, and are situated juxtaposed to the regionally mapped contact between the Orange/Red Sand Unit and the alluvial cover sequences to the east (Figure 7). It is therefore likely that the elevated slimes within the upper sequences encountered by these holes are related to preferential transport of fines to the east and partial reworking of the Orange/Red Sand Unit. These composites

have therefore been included in this Exploration Target estimate, as they probably delineate the eastern boundary of the Exploration Target. Woods (2006) suggests that potential mineralised sands may underlie the alluvial unit to the east; however whist this may be correct, is also likely that elevated

Table 19. *3% HM composited drill holes from the Ankililoaka Property.*

hole_id	from (m)	to (width) (m)	hm_comp%	silme_comp%	Line No.*
A5	0	26	3.09	5.45	3
A51	0	36	3.41	6.14	3
A52	0	45	3.20	5.36	3
A55	0	24	3.58	6.70	3
A56	0	39	6.67	7.80	3
A30	0	36	3.87	8.07	4
A58	0	18	4.22	13.54	4
A59	0	48	3.97	7.33	4
A60	0	9	3.93	7.29	4
A20	0	18	5.82	6.82	5
A21	0	30	5.75	5.29	5
A22	0	9	3.39	8.58	5
A23	0	18	5.26	6.56	5
A26	0	3	11.69	14.76	ns
A27	0	45	6.05	7.04	ns
A28	0	48	4.66	6.86	ns
A29	0	48	4.50	11.26	ns
A31	0	48	5.60	8.32	ns
A32	0	24	8.19	14.47	ns
A34	0	12	3.82	8.35	ns
A36	0	9	3.98	11.89	ns
A37	0	12	3.77	10.73	ns
A38	0	21	4.11	11.19	ns
A39	0	12	3.61	9.96	ns
A4	0	42	5.84	7.95	ns
A41	0	12	3.00	6.56	ns

**ns- north south drill profile.*

slimes arising from the overlying alluvial unit may negate against inclusion of these sands within any possible future resource.

Drill holes A38 also have elevated slimes of 22.05% (0m-3m), and occurs within the Red Clay Coated Sands, which is outside the current property limits.

10.3.2 Exploration Target Area

From the composited drill data, two east-west drill profiles, and a segment of the north-south drill profile indicate continuous mineralisation over a section of the Orange/Red Sand Unit. These drill profiles comprise (Figure 7):

- Line 3: Holes A51, A52, and A5
- Line 4: Holes A58, A30, A59, and A60
- NS Profile: A29, A4, A28, A27, and A26, with continuation to the north with holes A32 and A32.

Drill map location and drill profiles of these mineralised areas are given in appendix 2 of this technical report.   On this basis, four potential exploration target areas have been defined:

- Exploration Target Area 3: comprising an area of 1879152 m^2 to the north of the mineralised holes in Line 3, and 2061366 m^2 to the south of the drill profile. The northern termination of this block has been placed based on surface mapping limits of the Orange/Red Sand Unit.
- Exploration Target Area 4: comprising an area 1767710 m^2 to the north, and 1999108 m^2 to the south of the mineralised section of drill profile Line 4.
- Exploration Target Area South: comprising 1846067 m^2 to the northwest of mineralised section of the North South drill profile between holes A26 and A29, and 1556078 m^2 to the south east of the mineralised drill profile.
- A potential Exploration Target area juxtaposed to the east of Exploration Target areas 3 and 4. With a superficial area of 1228474 m^2.

The eastward bounding limit of mineralisation has been deemed to be the boundary of the alluvial sequences to the east.

10.3.3 Exploration Target Calculation

Exploration targets have been calculated using a polygonal section estimate for Exploration Target areas 3, 4 and South. For Target Areas 3, 4 and South a cross-sectional polygon has been digitised (appendix 2) from the drill data, incorporating holes which meet the 3% or better HM composites as described in section 10.2. For each of these digitised polygons area and grade estimates for oversize, slimes and HM have been calculated on a weighted area of influence basis. The superficial area of influence has then been adjusted by the digitised length of the polygon to derive a volume of that the grades within the digitised polygon area exert a control. Grades within the 3% HM or better digitised cross-sections have been calculated using both length and area weightings. The results and working of these calculations are given in Table 20. As the exploration target areas have are confined by midpoint assumption between mineralized and non mineralized drill holes at the 3% THM cut-off criteria, and mapped geological boundaries, no tonnage range has been applied as this would be subjective on data available.

The potential Target Area juxtaposed to the east of Exploration Target areas 3 and 4 has very limited drill hole data, with only two holes, A31 and A32 penetrating it, providing a less constrained exploration target. On the basis of the length weighted average of the two holes (Table 21) an additional exploration target of approximately 74 million tonnes grading at 6.47% HM and 10.37% slimes may exist within this block.

Table 20. *Exploration Target Parameters for Blocks 3, 4 and South.*

Weighting	Parameters	Block 3	Block 4	South Block
	Cross section Area (m^2)	53052	35920	96667
	Profile Length (m)	1534	1772	2707
	Av. Depth (m)	34.58409387	20.2708804	35.710011
	Quad Area (m^2)	3170281	1595451	3402145
	Quad Volume (m^3)	109641295.7	32341196.3	121490636
Length Weighted	Specific Gravity*	1.663	1.662	1.660
Area Weighted	Specific Gravity*	1.658	1.652	1.652
Length Weighted	Quad tonnes	182295100.3	53736191.4	201726696
Area Weighted	Quad tonnes	181745797.4	53434448	200680662
	+1mm Wt% (Oversize)	0.51	0.54	0.51
	-63µm Wt% (Slimes)	7.68	7.83	7.89
Length Weighted	HM Wt%	5.27	5.15	5.04
	+1mm Wt% (Oversize)	0.51	0.48	0.49
	-63µm Wt% (Slimes)	7.69	7.19	7.63
Area Weighted	HM Wt%	4.76	4.22	4.18

		Tonnage	+1mm Wt%	-63µm Wt%	HM Wt%
	Length Weighted	437757987.84	0.51	7.79	5.15
TOTALS	Area Weighted	435860907.21	0.50	7.60	4.43

**Specific Gravity estimated by sg=1.61+(HM%/100) see section 8.9 of this report.*

Table 21. *Exploration Target Area estimation parameters for Potential Exploration Block.*

Drillhole ID	Composite width (m)	HM%	Slimes%
A31	48	5.6	8.32
A32	24	8.19	14.47
Average	36	6.465	10.37

Area (m^2)	1228474
Volume (m^3)	44225064
Specific Gravity*	1.67465
Tonnage	74061503.43

**Specific Gravity estimated by sg=1.61+(HM%/100) see section 8.9 of this report.*

10.4 Basibasy

10.4.1 Drillhole Composites

25 drillholes from the Basibasy drill database meet the 3% or greater HM composites (Table 23). All 25 of these holes meet the less than 20% slimes drill interval criteria. Three additional holes, BA2, BA3 and BA40 ,in the line 1 cluster (Figure 8) achieve HM composites >=3% HM (BA2 0m-24m; 3.77% HM, 9.28% Slimes; BA3 0m-30m, 3.32% HM, 13.53% Slimes; BA40 0m-27m; 4.04%HM, 15.82% Slimes), however all

have high slimes content intervals (BA2 10m-12m, 29.8% Slimes, 12m-14m 32.48% Slimes; BA3 10m-12m 21.78% Slimes, 12m-14m 34.05% Slimes; BA40 6m-9m 31.54% Slimes, 15m-18m 20.76% Slimes). These have been excluded from the >=3% HM composited holes.

Table 23. *Drill holes meeting the >=3% HM from the Basibasy drill database.*

hole_id	from (m)	to (width) (m)	HM_comp%	slimes_comp%	Line No.
BA1	0	9	5.23	6.66	1
BA64	0	9	4.75	8.87	2
BA67	0	12	3.20	2.89	2
BA52	0	39	4.08	8.59	3
BA54	0	39	3.19	8.41	3
BA25	0	6	4.38	1.11	4
BA26	0	3	3.46	2.46	4
BA27	0	3	3.46	2.06	4
BA28	0	30	3.35	7.59	4
BA29	0	30	6.81	6.24	4
BA30	0	30	4.89	7.30	4
BA31	0	30	3.20	5.98	4
BA80	0	33	6.17	7.75	4
BA81	0	30	5.95	11.04	4
BA82	0	27	3.90	8.73	4
BA83	0	30	4.43	7.37	4
BA57	0	30	3.79	6.69	ns
BA58	0	30	3.18	9.18	ns
BA63	0	21	3.82	11.00	ns
BA74	0	33	5.12	8.58	ns
BA75	0	33	7.29	6.42	ns
BA76	0	30	3.96	8.49	ns
BA78	0	30	4.89	7.45	ns
BA79	0	36	7.32	7.25	ns

Mineralisation in the Young Clay Sand Unit is indicated in the north of the property by hole BA67 (Line 2; Figure 8), and slightly further south in Line 3, where drill holes BA52 and BA54 penetrate through the relatively un-mineralized White Sand Unit to the underlying Young Clay Sand Unit at a total depth of 39 metres. The bulk of drill holes indicating continuous mineralisation occur in drill profile Line 4, extending from drill-hole BA31 in the west to drill-hole BA25 in the east, an approximate distance of 3,400 metres. Holes BA31, BA83, and BA81 are located on the relatively un-mineralized White Sands Unit, but penetrate through to the underlying Young Clay Sand Unit at depth, yielding 3% or better HM composites. Hole BA30 is located close to the contact between the White Sand and Young Clay Sand Units, whilst holes BA80, BA29, BA82, BA28 and BA27 are all located on the Young Clay Sand Unit. Holes

BA26 and BA25 are located on the Old Sand Unit, and yield only thin 3% or better HM composites (3 metres and 6 metres respectively).

North-south continuity of mineralisation within the vicinity of Line 4 is indicated by continuous mineralisation at 3% or better HM in holes BA57, BA74, BA79, BA75, BA78, BA76 and hole BA58 a the intersect between Line 4 and the North-South drill profile. All holes, with the exception of BA57 are located on the Young Clay Sand Unit; drill-hole BA57is located on the White Sand Unit, but penetrates the Young Clay Sand Unit at depth (total depth 30 metres).

Whilst a couple of the drill holes in the Old Sand Unit have yielded composites of 3% or better HM, they are sporadic in their geographical distribution, and generally thin, with the exception of hole BA63 (21 metres) in the extreme south, and the bulk of 3% or better HM mineralization is clearly related to the Young Clay Sand Unit. The contact between the Young Clay Sand Unit and the Old Sand Unit is taken as the eastward limiting boundary of the exploration target area, whilst westward limit of potential 3% or better HM mineralization is taken as the midpoint between holes BA31 and BA34 (Figure X), following the same anisotropic direction of lithological contact between the Young Clay Sands and the White Sand Units (N032°E). North and south bounding limits for the area are relatively less well constrained, but taken as hole BA56 in the north, and hole BA77 in the south.

10.4.3 Exploration Target Calculation

Estimation of the exploration target at Basibasy has been undertaken using digitised cross sectional polygons of the mineralisation at 3% or better HM. For the purpose of this analysis, the exploration target area has been divided in to four quads, with a common origin a hole BA80 at the intercept between Line 4 and the North-South profile line (appendix 3). Each quad is considered to be under the influence of the following 3% or better HM cross sectional polygon:

- West Quad: holes BA31, BA83, BA81, BA30 and BA80
- East Quad: holes BA80, BA29, BA82, BA28, and BA27
- North Quad: holes BA80, BA74, and BA57
- South Quad: holes BA80, BA79, AB75, BA78, BA76, and BA58

The cross sectional area of each of the digitised 3% or better HM polygons has been normalised to the profile length, and applied to the surface are of each quad to derive a volume under the influence of the grades within that digitised cross-section. Average digitised grades for each cross sectional mineralise polygon has been calculated by both length and area weighted methods. The results and workings of this exploration target estimation are given in Table 24, and in appendix 3. As the exploration target areas have are confined by midpoint assumption between mineralized and non mineralized drill holes at the 3% THM cut-off criteria, and mapped geological boundaries, no tonnage range has been applied as this would be subjective on data available.

Table 24. *Exploration Target estimation parameters and calculations for Basibasy.*

Weighting	Parameters	West Quad	North Quad	East Quad	South Quad
	Cross section Area (m^2)	44683.688	33328.35	31821.61	60873.198
	Profile Length (m)	1588	1364	1593	2136
	Av. Depth (m)	28.13834257	24.4342742	19.975901	28.4986882
	Quad Area (m^2)	3170281	1595451	1511186	3009444
	Quad Volume (m^3)	89206452.82	38983687.2	30187302	85765206.22
Length Weighted	Specific Gravity*	1.663	1.662	1.660	1.666
Area Weighted	Specific Gravity*	1.658	1.652	1.652	1.663
Length Weighted	Quad tonnes	148319108.8	64772955.6	50123901	142853958.1
Area Weighted	Quad tonnes	147872184.5	64409237.8	49863989	142648121.6
	+1mm Wt% (Oversize)	0.51	0.54	0.51	0.42
	-63µm Wt% (Slimes)	7.68	7.83	7.89	7.72
Length Weighted	HM Wt%	5.27	5.15	5.04	5.56
	+1mm Wt% (Oversize)	0.51	0.48	0.49	0.28
	-63µm Wt% (Slimes)	7.69	7.19	7.63	6.57
Area Weighted	HM Wt%	4.76	4.22	4.18	5.32
		Tonnage	+1mm Wt%	-63µm Wt%	HM Wt%
	Length Weighted	406069923.77	0.48	7.74	5.33
TOTALS	Area Weighted	404793532.48	0.42	7.21	4.80

**Specific Gravity estimated by sg=1.61+(HM%/100) see section 8.9 of this report.*

11.0 Conclusions and Recommendations

11.1 Conclusions

The exploration work undertaken to date on the Ankliloaka, Basibasy and Morombe properties has been of good quality. The Ankliloaka property has potential to develop a sulphate grade ilmenite resource, with a currently defined exploration target of approximately 430 – 500 million tonnes at a 3% HM cutoff. A possible second exploration target to the south of the basement high is indicated by near continuous HM mineralization in the southern most drill transect, however further exploratory drilling will be necessary to investigate this.

The Basibasy property also has the potential to develop as a sulphate grade ilmenite resource with an exploration target of approximately 400 million tonnes HM at a 3% HM cutoff. Although some potential separate mineralization may be present within clay coated sands associated with a basaltic basement maybe present, it is probably limited in extent within the confines of the property licence.

No significant HM concentrations have been located within the tested units of the Morombe property, although some potential still remains in the relatively un-sampled reworked sand units that form the high ground in the northeast of the property. The Morombe property differs significantly from both the Ankliloaka and Basibasy properties in it significantly higher TiO_2 values of its ilmenites and higher zircon content, and for that fact, remains of interest.

11.2 Recommendations

11.2.1 Introduction

The JORC (2012) code requires that the reporting of exploration targets includes an Exploration Target the proposed exploration activities designed to test the validity of the exploration target must be detailed and the timeframe within which those activities are expected to be completed must be specified.
An exploration program designed to test the two defined exploration targets on the Ankililoaka and Basibasy properties and explore the potential of the Big Dune Complex on the Morombe property are detailed.

11.2.2 Ankilioaka and Basibasy Drill Programs

Ankililoaka Drill Grid

An initial air-core drilling program should be carried out o the Akililoaka Exploration Target, using an isotropic grid of 200 metres by 800 metres in the Cartesian XY axis respectively, which is sufficiently approximate to the assumed anisotropy of the exploration target. The number if holes and there relative positions are give in Table 25 and shown in Figure 12.

Table 25. *Ankililoaka Drill Program UTM Zone 38S WGS84 co-ordinates.*

Line No.	Y axis (UTM)	X From (UTM)	X To (UTM)	No. Holes	Pre-existing Holes
1	7482400	351000	352600	9	
2	7481600	351000	353000	11	
3	7480800	351200	353400	12	
4	7479200	351400	353400	10	A59
5	7478400	351600	352800	7	
6	7477600	351600	352800	7	A29
7	7476800	351800	353600	10	
8	7476000	352200	354000	10	
9	7475200	353000	535200	2	
Estimated Hole depth (m)					48
Total Number of holes					78
Total drill meterage (m)					3744

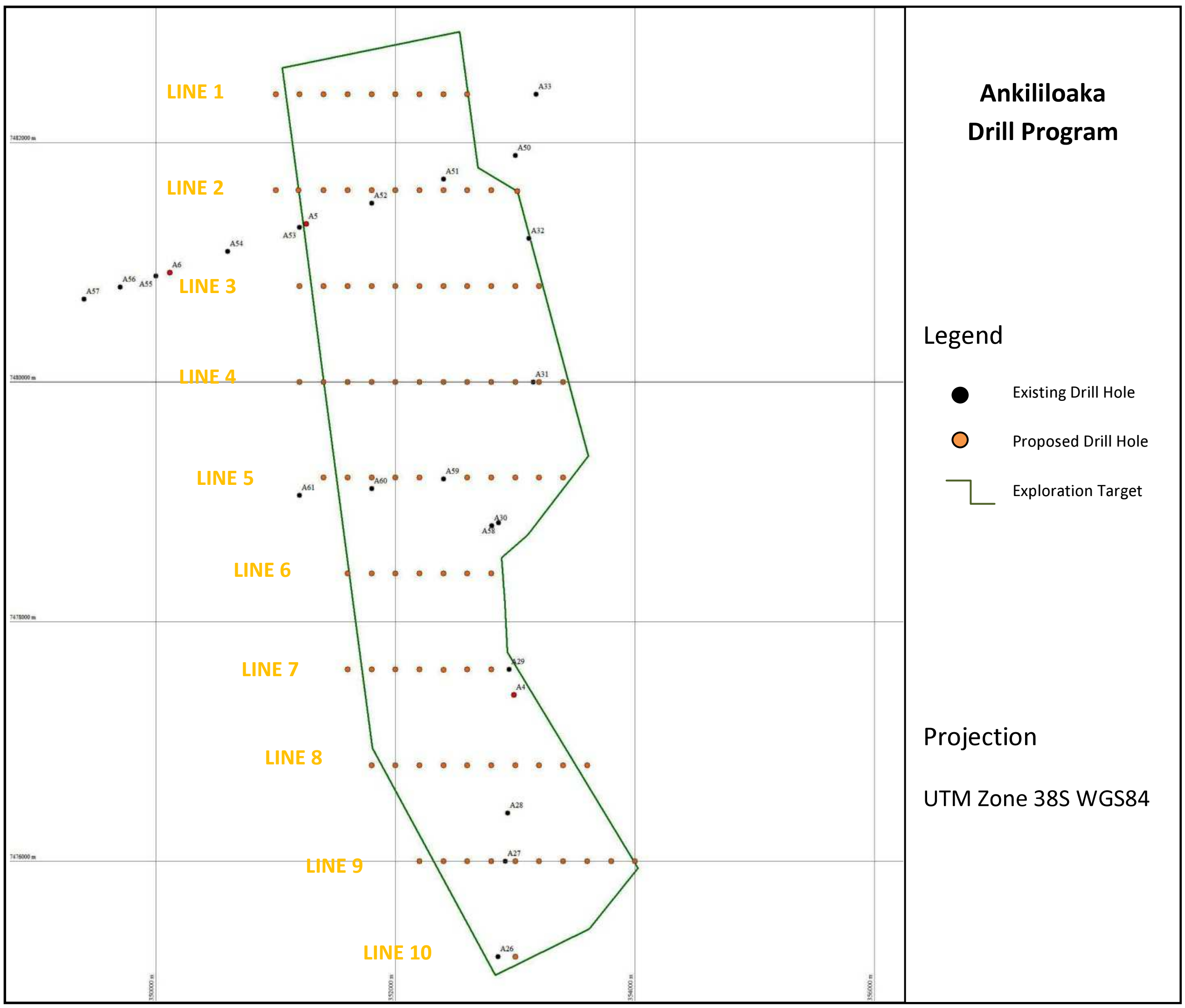

Figure 12. *Proposed drill plan for the exploration target at Ankililoaka.*

Basibasy Drill Grid

The Basibasy exploration target has an estimated anisotropy of N032°E in the long axis. A suitable drilling spacing aligned with the anisotropy to defined the exploration target would be 800 metres in the Y axis and 200 metres in the X axis, with a rotated grid of 32° clockwise. The number of holes and their relative positions are given in Table 26, and shown in Figure 13.

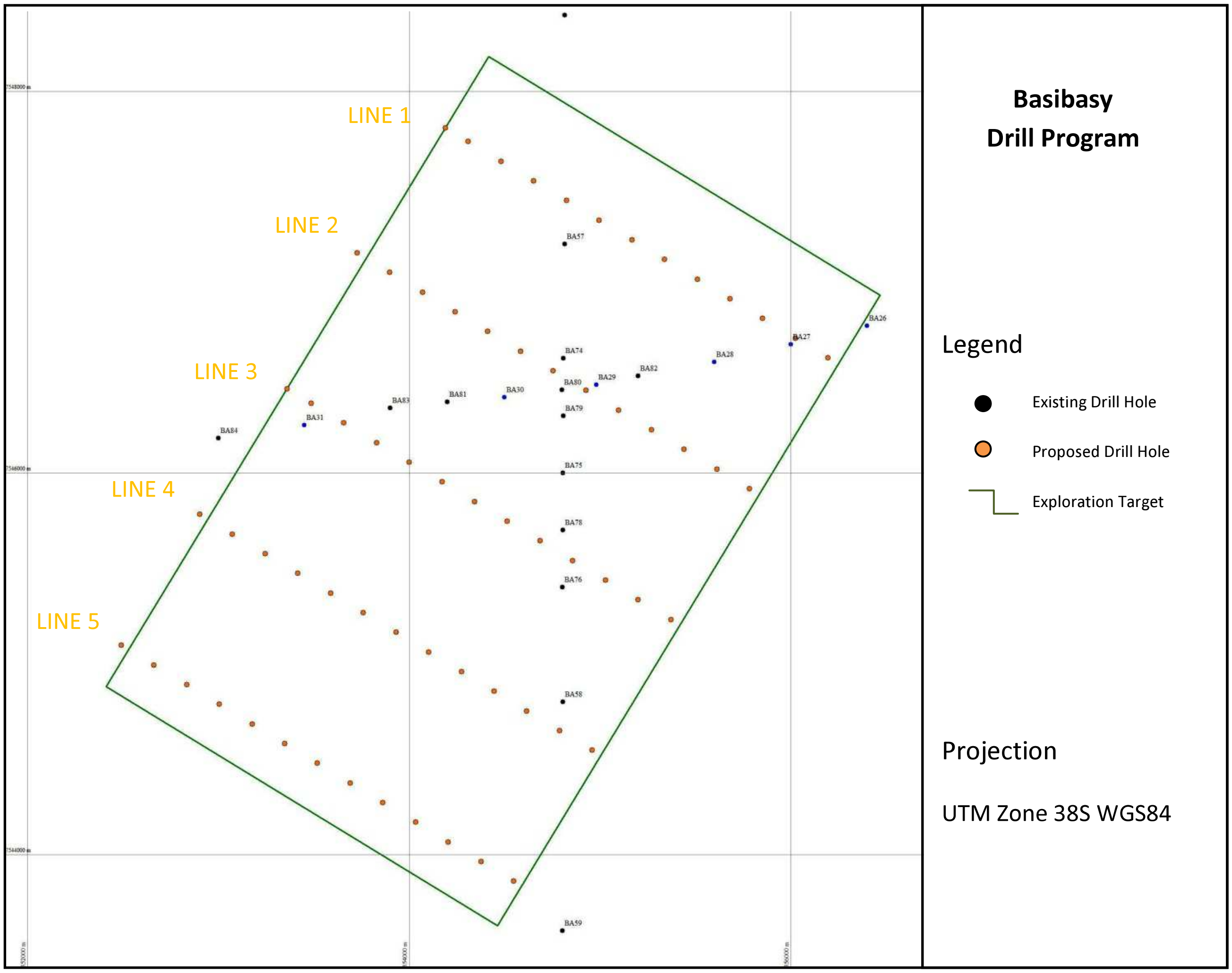

Figure 13. *Proposed drill plan for the exploration target at Basibasy.*

Methodology and QC/QA

The drilling program should be undertaken using a Wallis air-core type rig, with sufficient rods to reach 48 metres. The three metre sampling composites used in pervious drilling programs although acceptable should preferably be reduced to 1.5 metres to improve down-hole resolution. All samples

Table 26. *Basibasy Program UTM Zone 38S WGS84 co-ordinates.*

	From		To		
Line No.	X (UTM)	Y (UTM	X (UTM)	Y (UTM	No. of holes
1	354189.8	7547808	356196.1	7546603	13
2	353726.9	7547153	355784.1	7545917	13
3	353359.5	7546441	355372.1	7545231	13
4	352902.8	7545782	354960	7544546	13
5	352490.8	7545096	354548	7543860	13
Estimated Hole depth (m)					48
Total Number of holes					65
Total drill meterage (m)					3120

should be homogenised and split into four using a riffle splitter, producing an A and B assay sample, a metallurgical and a reference sample that should be held in reserve onsite. A suitable quality control protocol, including the addition a duplicate samples to 5% of the assay samples, and a known standard to 2.5% of the assay samples should be employed. The submission of 5% of the samples to an alternative accredited laboratory for cross checking is highly recommended. The metallurgical samples should be held in reserve for compositing and mineralogical analyses pending the outcome of the validity of the exploration targets.

11.2.3 Morombe Drill Program

The focus of investigation for continued exploratory drilling on the Morombe property should be placed on the Inner Sand and Parabolic Sand Units, and the area west of the Wadi Complex, where previous shallow auger drilling although failing to detect high levels of HM concentration, has indicated high Ti values for the ilmenites, and good zircon grades within the HM concentrates. An air-core drilling program should be implemented to obtain penetration of up to 48 metres to examine the possibilities of HM concentration with depth. A similar QC protocol as advised for the Ankililoaka and Basibay programs should be put in place; however 3 metres drill composites could be used due to the exploratory nature of the program.

It is recommended that a drill pattern comprising three drill profile of variable hole spacings be implemented (Figure 14; Table X). Drill-hole spacing of 400 metres should be employed over the northern sectors of the stacked dune sequences of the Red and Inner Sand Units in Lines 1 and 2, reducing to 200 metre spacing across the Parabolic Sand Unit. South of latitudinal Line 3, drill spacing of 800 metres interval across the eroding core and eastern margins of the Inner Sand Unit is probably sufficient to obtain an understanding of the potential for mineralisation. Line 3 extends from the west across the a potential source area of mineralisation in the scour plains of the Inner Sand Unit across the highest stacked dunes of the Big Dune Complex, and is recommended to be drilled at 400 metre intervals.

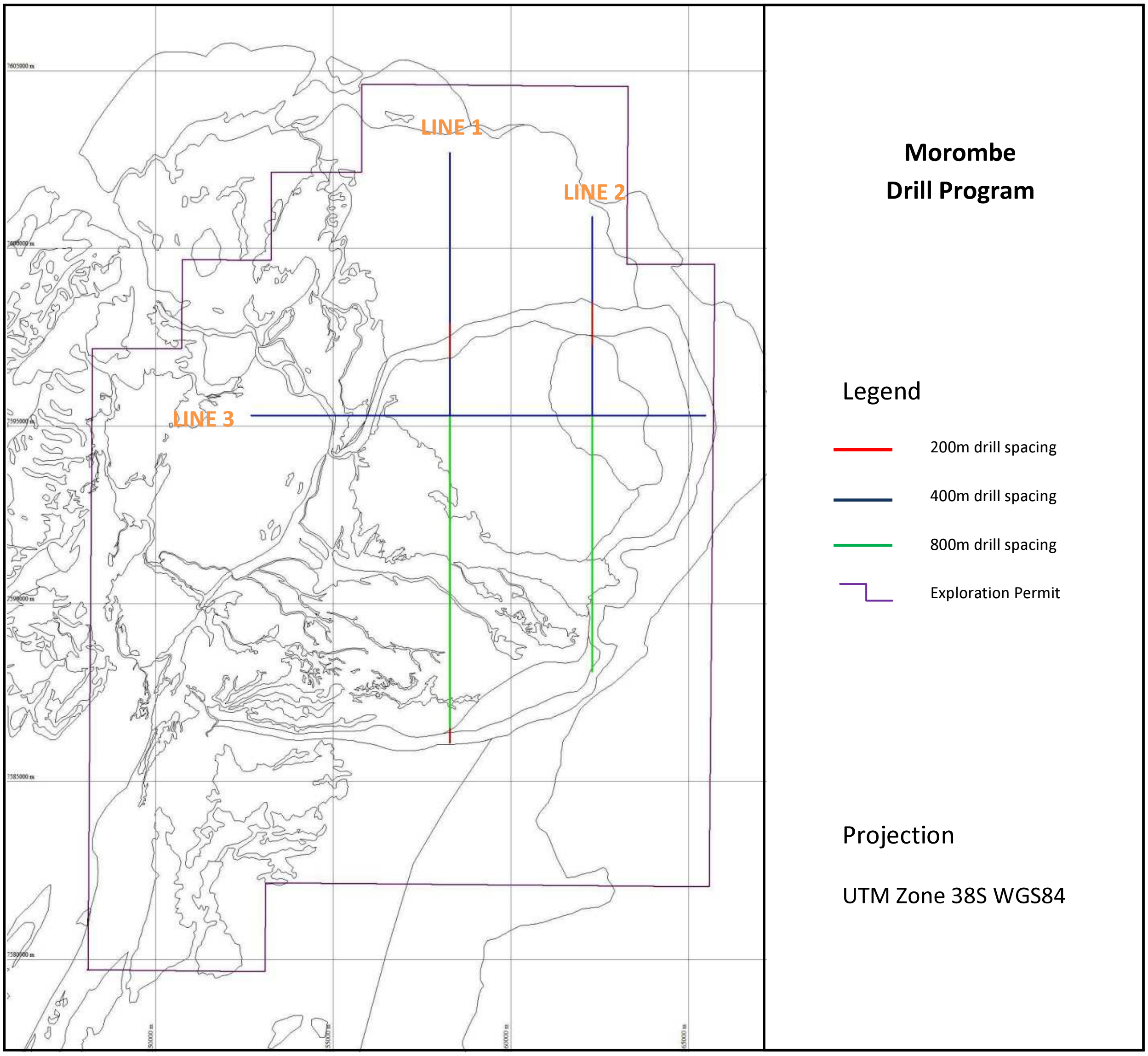

Figure 14. *Proposed drill plan for the exploration of the Big Dune Complex on the Morombe property.*

It is recommended that the next phase of exploration at Morombe should have provision for 95 air-core holes with up to 48 metres drilling depth per hole, totalling 4560 metres of drilling. It is also suggested that a track mounted Wallis Drill, as oppose to Land Cruiser type mounted may be better suited to the terrain.

Table 27. *Morombe Program UTM Zone 38S WGS84 co-ordinates.*

Line Id	from x_utm	y_utm	to x_utm	y_utm	length (m)	drill spacing (m)	no. of holes
Lime 1	358277	7597903	358277	7593103	4800	400	13
	358277	7593103	358277	7592103	1000	200	5
	358277	7592103	358277	7590503	1600	400	4
	358277	7590503	358277	7581703	8800	800	11
	358277	7581703	358277	7581303	400	200	2
Line 2	362277	7596103	362277	7593703	2400	400	7
	362277	7593703	362277	7592503	1200	200	6
	362277	7592503	362277	7592103	2000	400	5
	362277	7592103	362277	7591303	7200	800	9
Line 3	352677	7590503	339877	7590503	12800	400	33
Total No. of holes							95
Max Depth (m)							48
Total drill meterage (m)							4560

11.2.4 Development Schedule

The optimal time for drilling in the region is during the months of October – December, when the sand units are relatively dry. The recommended programs for the Ankliolaka and Basibasy properties should be undertaken within 12 months of the final issuances of the exploration licences from the BCCM. Environmental permitting will also have to be concluded with the relevant environmental agency on issuances, prior to drilling. Bearing those factors in mind, program implementation should be commissioned by the fourth quarter of 2015.

12.0 References

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13.0 Competent Persons Statement

The information in this report that relates to Mineral Resources is based on information compiled by Ian Ransome who is registered with the South Africa Council for Natural Scientific Professions as a Professional Scientist. Ian Ransome is a director and the qualified person for World Titanium Resources Ltd. and has sufficient experience which is relevant to the style of mineralization and type of deposit 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".

Appendix 1.0 Drill Database

Appendix 1.1 Ankililoaka Drill Database

Ankililoaka Collar Data

hole_id	E (UTM)	N(UTM)	Altitude	EOH	Date	drill	geologist
A1	353999	7485602	100	9	2001	Wallis	P Woods
A2	353740	7485915	103	9	2001	Wallis	P Woods
A3	353533	7486180	113	15	2001	Wallis	P Woods
A4	352990	7477386	84	43	2001	Wallis	P Woods
A5	351256	7481317	97	30	2001	Wallis	P Woods
A6	350115	7480914	100	30	2001	Wallis	P Woods
A20	352750	7473560	100	30	2005	Wallis	P Woods
A21	352400	7473470	115	36	2005	Wallis	P Woods
A22	351800	7473320	125	42	2005	Wallis	P Woods
A23	351200	7473165	131	48	2005	Wallis	P Woods
A24	350600	7473020	123	42	2005	Wallis	P Woods
A25	352780	7474000	120	15	2005	Wallis	P Woods
A26	352855	7475200	152	6	2005	Wallis	P Woods
A27	352915	7476000	130	48	2005	Wallis	P Woods
A28	352935	7476400	120	48	2005	Wallis	P Woods
A29	352950	7477600	76	48	2005	Wallis	P Woods
A30	352805	7478800	76	48	2005	Wallis	P Woods
A31	353150	7480000	90	48	2005	Wallis	P Woods
A32	353115	7481200	82	48	2005	Wallis	P Woods
A33	353175	7482400	82	33	2005	Wallis	P Woods
A34	353363	7483600	89	35.6	2005	Wallis	P Woods
A35	353435	7484800	95	21.5	2005	Wallis	P Woods
A36	353509	7486000	103	24	2005	Wallis	P Woods
A37	353580	7487200	112	24	2005	Wallis	P Woods
A38	353655	7488400	109	30	2005	Wallis	P Woods
A39	353730	7489600	116	27.1	2005	Wallis	P Woods
A40	353810	7490800	118	18.1	2005	Wallis	P Woods
A41	353885	7492000	121	18.9	2005	Wallis	P Woods
A42	353600	7490569	110	15.9	2005	Wallis	P Woods
A43	352400	7490710	94	14.6	2005	Wallis	P Woods
A44	351200	7491000	110	14.2	2005	Wallis	P Woods
A45	350540	7491250	110	15.6	2005	Wallis	P Woods
A46	352400	7486785	90	35.5	2005	Wallis	P Woods
A47	351200	7486555	82	24	2005	Wallis	P Woods
A48	350000	7486230	72	25.3	2005	Wallis	P Woods
A49	348880	7485930	80	48	2005	Wallis	P Woods
A50	353000	7481890	80	48	2005	Wallis	P Woods
A51	352400	7481695	88	48	2005	Wallis	P Woods
A52	351800	7481490	88	48	2005	Wallis	P Woods
A53	351200	7481290	90	48	2005	Wallis	P Woods
A54	350600	7481090	86	48	2005	Wallis	P Woods
A55	350000	7480885	90	48	2005	Wallis	P Woods
A56	349700	7480790	90	48	2005	Wallis	P Woods
A57	349400	7480690	92	48	2005	Wallis	P Woods
A58	352860	7478825	70	48	2005	Wallis	P Woods

Ankililoaka Collar Data

hole_id	E (UTM)	N(UTM)	Altitude	EOH	Date	drill	geologist
A59	352400	7479190	82	48	2005	Wallis	P Woods
A60	351800	7479110	90	48	2005	Wallis	P Woods
A61	351200	7479055	91	27	2005	Wallis	P Woods

Ankililoaka Lithology Data

Hole Id	From	To	Colour	Sort	Round	grain size	Lithology	Clay_colour
A1	0	9					cl+soil	
A2	0	9					cl+soil	
A3	0	9					cl+soil	
A3	9	15					lst	
A4	0	16					sd	
A4	16	20					soil	
A4	20	42					sd+cl	
A4	42	43					sd	
A5	0	30					sd	
A6	0	24					sd	
A6	24	25					soil	
A6	25	30					sd+cl	
A20	0	3	rd	m	m	fc	sd	
A20	3	6	rd	m	m	fc	sd	
A20	6	9	rd	m	m	fc	sd	
A20	9	12	rd	w	w	fm	sd	
A20	12	15	rd	w	w	fm	sd	
A20	15	18	ye	w	w	fm	sd	
A20	18	21	ye	w	w	fm	sd	
A20	21	24	ye	w	w	fm	sd	
A20	24	27	w				lst	
A20	27	30	w				lst	
A21	0	3	rd	m	m	fc	sd	
A21	3	6	rd	m	m	fc	sd	
A21	6	9	or	m	m	fc	sd	
A21	9	12	or	m	m	fc	sd	
A21	12	15	or	m	m	fc	sd	
A21	15	18	orbr	w	w	fm	sd	
A21	18	21	orbr	w	w	fm	sd	
A21	21	24	orbr	w	w	fm	sd	
A21	24	27	orbr	w	w	fm	sd	
A21	27	30	orbr	w	w	fm	sd	
A21	30	33	w				lst	
A21	33	36	w				lst	
A22	0	3	rd	m	m	fc	sd	
A22	3	6	rd	m	m	fc	sd	
A22	6	9	rd	m	m	fc	sd	
A22	9	12	or	m	m	mc	sd	
A22	12	15	or	m	m	mc	sd	
A22	15	18	or	m	m	mc	sd	
A22	18	21	rd	m	m	mc	sd	
A22	21	24	ybr	m	m	mc	sd	
A22	24	27	ybr	w	w	fm	sd	
A22	27	30	ybr	w	w	fm	sd	
A22	30	33	ybr	w	w	fm	sd	
A22	33	36	ybr	w	w	fm	sd	
A22	36	39	ybr	w	w	fm	sd	
A22	39	42	w				lst	
A23	0	3	rd	m	m	fc	sd	
A23	3	6	rd	m	m	fc	sd	

Ankililoaka Lithology Data

Hole Id	From	To	Colour	Sort	Round	grain size	Lithology	Clay_colour
A23	6	9	rd	w	w	fm	sd	
A23	9	12	rd	w	w	fm	sd	
A23	12	15	or	w	w	fm	sd	
A23	15	18	ory	w	w	fm	sd	
A23	18	21	ory	w	w	fm	sd	
A23	21	24	ory	w	w	fm	sd	
A23	24	27	ory	w	w	fm	sd	
A23	27	30	ory	w	w	fm	sd	
A23	30	33	or	m	m	mc	sd	
A23	33	36	or	m	m	mc	sd	
A23	36	39	orbr	m	m	mc	sd	
A23	39	42	orbr	m	m	mc	sd	
A23	42	45	orbr	m	m	mc	sd	
A23	45	48	orbr	m	m	mc	sd	
A24	0	3	rd	m	m	fc	sd	
A24	3	6	rd	m	m	fc	sd	
A24	6	9	rd	w	w	fm	sd	
A24	9	12	rd	w	w	fm	sd	
A24	12	15	rd	w	w	fm	sd	
A24	15	18	or	m	m	fc	sd	
A24	18	21	or	m	m	fc	sd	
A24	21	24	or	m	m	fc	sd	
A24	24	27	cr	w	w	fm	sd	
A24	27	30	or	w	w	fm	sd	
A24	30	33	or	w	w	fm	sd	
A24	33	36	br	w	w	fm	sd	
A24	36	39	rbr	w	w	fm	sd	rbr
A24	39	42	w				lst	
A25	0	3	rd	m	m	fc	sd	
A25	3	6	rd	m	m	fc	sd	
A25	6	9	rd	m	m	fc	sd	
A25	9	12	rd	m	m	fc	sd	ybr
A25	12	13	rd	m	m	fc	sd	y
A25	13	15	w				lst	
A26	0	3	rd	m	m	fc	sd	
A26	3	6	w				lst	
A27	0	3	rd	m	m	fm	sd	
A27	3	6	rd	m	m	fm	sd	
A27	6	9	rd	m	m	fm	sd	
A27	9	12	rd	m	m	fm	sd	
A27	12	15	or	m	m	fm	sd	
A27	15	18	or	m	m	fm	sd	
A27	18	21	or	m	m	fm	sd	
A27	21	24	orbr	w	w	f	sd	orbr
A27	24	27	orbr	w	w	f	sd	orbr
A27	27	30	orbr	w	w	f	sd	orbr
A27	30	33	orbr	w	w	f	sd	orbr
A27	33	36	dkbr	w	w	f	sd	orye
A27	36	39	dkbr	w	w	f	sd	orye
A27	39	42	dkbr	w	w	f	sd	orye

Ankililoaka Lithology Data

Hole Id	From	To	Colour	Sort	Round	grain size	Lithology	Clay_colour
A27	42	45	ye	w	w	f	sd	ye
A27	45	48	ye	w	w	f	sd	cr
A28	0	3	rd	w	w	fm	sd	
A28	3	6	or	w	w	fm	sd	
A28	6	9	or	w	w	fm	sd	or
A28	9	12	dkor	w	w	fm	sd	dkor
A28	12	15	dkor	w	w	fm	sd	dkor
A28	15	18	dkor	w	w	f	sd	dkor
A28	18	21	dkor	w	w	f	sd	dkor
A28	21	24	br	w	w	fm	sd	or
A28	24	27	br	w	w	fm	sd	dkor
A28	27	30	br	w	w	fm	sd	orye
A28	30	33	br	w	w	fm	sd	orbr
A28	33	36	dkbr	w	w	fm	sd	orbr
A28	36	39	dkbr	w	w	fm	sd	orbr
A28	39	42	ye	w	w	fm	sd	yebr
A28	42	45	ye	w	w	fm	sd	yebr
A28	45	48	ye	w	w	fm	sd	ye
A29	0	3	rd	m	m	fm	sd	
A29	3	6	gywh	m	m	fm	sd	
A29	6	9	gywh	m	m	fm	sd	ye
A29	9	12	orbr	m	m	fm	sd	or
A29	12	15	ye	w	w	f	sd	ye
A29	15	18	br	w	w	f	sd	or
A29	18	21	orbr	w	w	f	sd	or
A29	21	24	dkbr	w	w	f	sd	dkr
A29	24	27	dkbr	w	w	f	sd	dkor
A29	27	30	br	w	w	f	sd	dkor
A29	30	33	br	w	w	f	sd	dkor
A29	33	36	br	w	w	f	sd	dkor
A29	36	39	yebr	w	w	f	sd	orye
A29	39	42	yebr	w	w	f	sd	orye
A29	42	45	yebr	w	w	f	sd	orye
A29	45	48	yebr	w	w	f	sd	orye
A30	0	3	rd	m	m	fm	sd	dkor
A30	3	6	rd	m	m	fm	sd	dkor
A30	6	9	rd	m	m	f	sd	dkor
A30	9	12	rd	m	m	f	sd	dkor
A30	12	15	rd	m	m	f	sd	dkor
A30	15	18	rd	m	m	f	sd	dkor
A30	18	21	dkbr	m	m	f	sd	orye
A30	21	24	dkbr	m	m	f	sd	orye
A30	24	27	dkbr	m	m	f	sd	orye
A30	27	30	orbr	m	m	f	sd	orye
A30	30	33	orbr	m	m	f	sd	orye
A30	33	36	orbr	m	m	f	sd	orye
A30	36	39	orbr	m	m	f	sd	orye
A30	39	42	yebr	m	m	f	sd	ye
A30	42	45	yebr	m	m	f	sd	ye
A30	45	48	yebr	m	m	f	sd	ye

Ankililoaka Lithology Data

Hole Id	From	To	Colour	Sort	Round	grain size	Lithology	Clay_colour
A31	0	3	rd	mw	mw	f	sd	dkor
A31	3	6	rd	mw	mw	f	sd	dkor
A31	6	9	rd	mw	mw	f	sd	dkor
A31	9	12	rd	mw	mw	f	sd	dkor
A31	12	15	or	mw	mw	f	sd	dkor
A31	15	18	or	mw	mw	f	sd	dkor
A31	18	21	or	mw	mw	f	sd	dkor
A31	21	24	or	mw	mw	f	sd	dkor
A31	24	27	or	mw	mw	f	sd	orye
A31	27	30	yebr	m	m	fc	sd	ye
A31	30	33	yebr	m	m	fc	sd	ye
A31	33	36	ye	m	m	fc	sd	ye
A31	36	39	ye	m	m	fc	sd	ye
A31	39	42	ye	m	m	fc	clsd	ye
A31	42	45	yebr	m	m	fc	clsd	ye
A31	45	48	cream	m	m	fc	clsd	cr
A32	0	3	rd	m	m	fc	clsd	br
A32	3	6	rd	mw	mw	fm	sd	orye
A32	6	9	rd	m	m	vf	sd	orye
A32	9	12	ye	w	w	f	sd	dkor
A32	12	15	orye	w	w	f	sd	dkor
A32	15	18	rd	w	w	f	sd	dkor
A32	18	21	or	w	w	f	sd	dkor
A32	21	24	or	m	m	fc	sd	dkor
A32	24	27	gywh	m	m	fm	sd	wh
A32	27	30	gywh	m	m	fm	sd	wh
A32	30	33	gywh	m	m	fm	sd	wh
A32	33	36	gywh	m	m	fm	sd	wh
A32	36	39	gywh	m	m	fm	sd	wh
A32	39	42	gywh	m	m	fm	sd	wh
A32	42	45	gywh	m	m	cvc	sd	wh
A32	45	48	gywh	m	m	cvc	sd	wh
A33	0	3	dkbr	mw	mw	f	sdcl	br
A33	3	6	rd	mw	mw	f	sd	br
A33	6	9	rd	mw	mw	f	sd	br
A33	9	12	rd	mw	mw	f	sd	br
A33	12	15	or	mw	mw	f	sd	ltor
A33	15	18	ye	mw	mw	f	sd	orye
A33	18	21	gywh	mw	mw	f	sd	wh
A33	21	24	gywh	mw	mw	f	sd	wh
A33	24	27	gywh	mw	mw	f	sd	wh
A33	27	30	gywh	mw	mw	cvc	sd	wh
A33	30	33	gywh	mw	mw	cvc	sd	wh
A34	0	3	rd	w	w	f	sd	dkor
A34	3	6	rd	w	w	f	sd	dkor
A34	6	9	rd	w	w	f	sd	or
A34	9	12	rd	w	w	f	sd	or
A34	12	15	rd	w	w	f	sd	or
A34	15	18	or	w	w	f	sd	or
A34	18	21	or	w	w	f	sd	or

Ankililoaka Lithology Data

Hole Id	From	To	Colour	Sort	Round	grain size	Lithology	Clay_colour
A34	21	24	or	w	w	f	sd	or
A34	24	27	or	w	w	f	sd	or
A34	27	30	or	w	w	f	sd	or
A34	30	33	or	w	w	f	sd	or
A34	33	35.5	dkbr				cl	rdbr
A34	35.5	35.6					basalt	
A35	0	3	rd	m	m	fm	sd	rd
A35	3	6	rd	m	m	fm	sd	rd
A35	6	9	rd	m	m	fm	sd	rd
A35	9	12	rd	w	w	f	sd	dkor
A35	12	15	or	w	w	f	sd	dkor
A35	15	18	or	w	w	f	sd	dkor
A35	18	20	or	w	w	f	sd	dkor
A35	20	21.4	rd				cl	rdbr
A35	21.4	21.5					basalt	
A36	0	3	rd	m	m	fm	sd	rd
A36	3	6	rd	m	m	fm	sd	rd
A36	6	9	rd	m	m	fm	sd	rd
A36	9	12	or	p	p	fc	sd	or
A36	12	15	or	p	p	fc	sd	or
A36	15	18	rebr				cl	dkor
A36	18	21	gy	p	p	fc	sd	gy
A36	21	24	orrd				sdcl	dkor
A37	0	3	rd	m	m	fm	sd	rd
A37	3	6	rd	m	m	fm	sd	rd
A37	6	9	rd	m	m	fm	sd	rd
A37	9	12	rd	m	m	fm	sd	rd
A37	12	15	rd	p	p	fm	sd	rd
A37	15	18	rd	p	p	f	sdcl	dkor
A37	18	21	ye				sdcl	dkor
A37	21	24	ye				sdcl	dkor
A38	0	3	rd	m	m	fc	sd	rd
A38	3	6	rd	m	m	fc	sd	rd
A38	6	9	or	w	w	f	sd	or
A38	9	12	or	w	w	f	sd	or
A38	12	15	or	w	w	f	sd	or
A38	15	18	orbr	w	w	f	sd	or
A38	18	21	rebr				clsd	dkor
A38	21	24	rebr				clsd	dkor
A38	24	27	rebr				clsd	dkor
A38	27	30	rd				clsd	dkor
A39	0	3	rd	w	w	f	sd	dkor
A39	3	6	rd	w	w	f	sd	dkor
A39	6	9	rd	w	w	f	sd	dkor
A39	9	12	or	w	w	f	sd	or
A39	12	15	rebr	w	w	f	sd	or
A39	15	18	rebr	w	w	f	sd	dkor
A39	18	21	rebr	w	w	f	sd	dkor
A39	21	24	rebr	w	w	f	sd	dkor
A39	24	27	rebr	w	w	f	sd	dkor

Ankililoaka Lithology Data

Hole Id	From	To	Colour	Sort	Round	grain size	Lithology	Clay_colour
A39	27	27.1	wh				lst	
A40	0	3	rd	w	w	f	sd	or
A40	3	6	rd	w	w	f	sd	or
A40	6	9	or	w	w	f	sd	dkor
A40	9	12	or	w	w	f	sd	dkor
A40	12	15	or	w	w	f	sd	dkor
A40	15	18	or	w	w	f	sd	dkor
A40	18	18.1	w				lst	
A41	0	3	rd	m	m	fm	sd	or
A41	3	6	rd	m	m	fm	sd	or
A41	6	9	or	w	w	f	sd	or
A41	9	12	or	w	w	f	sd	or
A41	12	15	or	w	w	f	sd	or
A41	15	18	or	w	w	f	sd	ory
A41	18	18.9	rd				sdcl	ory
A41	18.9	19	w				lst	
A42	0	3	rd	w	w	f	sd	or
A42	3	6	rd	w	w	f	sd	or
A42	6	9	or	w	w	f	sd	or
A42	9	12	or	w	w	f	sd	or
A42	12	15	or	w	w	f	sd	or
A42	15	15.8	rd				sdcl	ory
A42	15.8	15.9	w				lst	
A43	0	3	rd	w	w	f	sd	or
A43	3	6	rd	w	w	f	sd	or
A43	6	9	rd	w	w	f	sd	or
A43	9	12	or	w	w	f	sd	or
A43	12	14.5	or	w	w	f	sd	or
A43	14.5	14.6	w				lst	
A44	0	3	rd	p	p	f	sd	or
A44	3	6	rd	p	p	f	sd	or
A44	6	9	orbr	p	p	cvc	sd	or
A44	9	12	orbr	p	p	cvc	sd	or
A44	12	14.1	orbr	p	p	cvc	sd	or
A44	14.1	14.2	wh				lst	
A45	0	3	rd	w	w	f	sd	rd
A45	3	6	rd	w	w	f	sd	rd
A45	6	9	orbr	p	p	cvc	sd	or
A45	9	12	orbr	p	p	cvc	sd	or
A45	12	15	rd				sdcl	orbr
A45	15	15.5	rd				sdcl	orbr
A45	15.5	15.6					lst	
A46	0	3	rd	m	m	fm	sd	rd
A46	3	6	rd	m	m	fm	sd	rd
A46	6	9	rd	m	m	fm	sd	rd
A46	9	12	rd	m	m	fm	sd	rd
A46	12	15	or	m	m	fm	sd	or
A46	15	18	rd	m	m	fm	sd	or
A46	18	21	rd	m	m	fm	sd	or
A46	21	24	rd	m	m	fm	sd	or

Ankililoaka Lithology Data

Hole Id	From	To	Colour	Sort	Round	grain size	Lithology	Clay_colour
A46	24	27	rd	m	m	fm	sd	or
A46	27	30	rd	m	m	fm	sd	or
A46	30	33	rd				sdcl	rdbr
A46	33	35.5	rd				sdcl	rdbr
A47	0	3	rd	m	m	fm	sd	or
A47	3	6	rd	m	m	fm	sd	or
A47	6	9	rd	m	m	fm	sd	or
A47	9	12	rd	m	m	fm	sd	or
A47	12	15	rd	m	m	fm	sd	or
A47	15	18	rd	m	m	fm	sd	or
A47	18	21	rbr				clsd	rdbr
A47	21	22	orbr			cvc	sd	rdbr
A47	22	24	br				clsd	br
A48	0	3	rdbr				clsd	orbr
A48	3	6	rdbr				clsd	orbr
A48	6	9	rd	m	m	fm	sd	or
A48	9	12	rd	m	m	fm	sd	or
A48	12	15	rd	m	m	fm	sd	or
A48	15	18	rd	m	m	fm	sd	or
A48	18	21	rd	m	m	fm	sd	or
A48	21	24	rd	m	m	fm	sd	or
A48	24	25.2	rd	m	m	fm	sd	or
A48	25.2	25.3	wh				lst	
A49	0	3	br	mw	mw	f	sd	or
A49	3	6	or	mw	mw	f	sd	or
A49	6	9	or	mw	mw	f	sd	or
A49	9	12	or	mw	mw	f	sd	or
A49	12	15	or	mw	mw	f	sd	or
A49	15	18	rbr				sdcl	rdbr
A49	18	21	rdbr				sdcl	rdbr
A49	21	24	rd	w	w	f	sd	or
A49	24	27	rd	w	w	f	sd	or
A49	27	30	rd	w	w	f	sd	or
A49	30	33	rd	w	w	f	sd	or
A49	33	36	rd	w	w	f	sd	or
A49	36	39	rd	w	w	f	sd	or
A49	39	42	rd	w	w	f	sd	or
A49	42	45	rd	w	w	f	sd	or
A49	45	48	rd	w	w	f	sd	or
A50	0	3	br	p	m	fm	sd	orye
A50	3	6	br	p	m	fm	sd	orye
A50	6	9	brye	p	m	fm	sd	orye
A50	9	12	brye	p	m	fm	sd	orye
A50	12	15	ye	p	m	fm	sd	cr
A50	15	18	cr	m	m	fm	sd	cr
A50	18	21	gy/w	m	m	fm	sd	wh
A50	21	24	gy/w	m	m	fm	sd	gy
A50	24	27	gy/w	m	m	fm	sd	gy
A50	27	30	gy/w	m	m	fm	sd	gy
A50	30	33	gy/w	m	m	fm	sd	gy

Ankililoaka Lithology Data

Hole Id	From	To	Colour	Sort	Round	grain size	Lithology	Clay_colour
A50	33	36	gy/w	m	m	fm	sd	wh
A50	36	39	gy/w	m	m	fm	sd	wh
A50	39	42	gy/w	m	m	fm	sd	wh
A50	42	45	gy/w	m	m	fm	sd	wh
A50	45	48	orbr				clsd	orbr
A51	0	3	rd	m	m	fc	sd	rd
A51	3	6	rd	m	m	fc	sd	rd
A51	6	9	rd	w	w	f	sd	or
A51	9	12	or	w	w	f	sd	dkor
A51	12	15	rd	w	w	f	sd	dkor
A51	15	18	rd	w	w	f	sd	dkor
A51	18	21	rd	w	w	f	sd	dkor
A51	21	24	rd	w	w	f	sd	dkor
A51	24	27	orye	mw	mw	fm	sd	yeor
A51	27	30	yebr	mw	mw	fm	sd	yeor
A51	30	33	ye	mw	mw	fm	sd	crye
A51	33	36	ye	mw	mw	fm	sd	ye
A51	36	39	ye	mw	mw	fm	sd	ye
A51	39	42	gy/w	mw	mw	fm	sd	wh
A51	42	45	gy/w	mw	mw	fm	sd	wh
A51	45	48	gy/w	mw	mw	fm	sd	wh
A52	0	3	rd	m	m	fc	sd	or
A52	3	6	rd	m	m	fc	sd	or
A52	6	9	rd	m	m	fc	sd	or
A52	9	12	or	m	m	fc	sd	or
A52	12	15	or	m	m	fc	sd	or
A52	15	18	rdbr	m	m	fc	sd	orrd
A52	18	21	rdbr	m	m	fc	sd	orrd
A52	21	24	yebr	m	m	fc	sd	or
A52	24	27	yebr	m	m	fc	sd	orbr
A52	27	30	yebr	m	m	fc	sd	or
A52	30	33	or	m	m	fc	sd	orye
A52	33	36	ye	m	m	fc	sd	ye
A52	36	39	ye	m	m	fc	sd	ye
A52	39	42	ye	m	m	fc	sd	ye
A52	42	45	ye	m	m	fc	sd	ye
A52	45	48	ye	m	m	fc	sd	ye
A53	0	3	rd	m	m	fc	sd	orrd
A53	3	6	rd	m	m	fc	sd	orrd
A53	6	9	rd	m	m	fc	sd	dkor
A53	9	12	rd	m	m	fc	sd	or
A53	12	15	rd	m	m	fc	sd	or
A53	15	18	or	m	m	fm	sd	orye
A53	18	21	or	m	m	fm	sd	orye
A53	21	24	or	m	m	fm	sd	orye
A53	24	27	or	m	m	fm	sd	ye
A53	27	30	brye	m	m	fm	sd	ye
A53	30	33	brye	m	m	fm	sd	ye
A53	33	36	br	m	m	fm	sd	ye
A53	36	39	br	m	m	fm	sd	yebr

Ankililoaka Lithology Data

Hole Id	From	To	Colour	Sort	Round	grain size	Lithology	Clay_colour
A53	39	42	br	m	m	fm	sd	yeor
A53	42	45	br	m	m	fm	sd	ye
A53	45	48	brye	m	m	fm	sd	ye
A54	0	3	rd	m	m	fc	sd	or
A54	3	6	or	m	m	fc	sd	or
A54	6	9	or	m	m	fc	sd	or
A54	9	12	or	m	m	fc	sd	or
A54	12	15	or	m	m	fc	sd	or
A54	15	18	br	m	m	fc	sd	orye
A54	18	21	br	m	m	fc	sd	orbr
A54	21	24	br	m	m	fc	sd	or
A54	24	27	br	m	m	fc	sd	orye
A54	27	30	yebr	m	m	fc	sd	ye
A54	30	33	yebr	m	m	fc	sd	ye
A54	33	36	yebr	m	m	fc	sd	ye
A54	36	39	yebr	m	m	fc	sd	ye
A54	39	42	yebr	m	m	fc	sd	ye
A54	42	45	ye	m	m	fc	sd	ye
A54	45	48	ye	m	m	fc	sd	ye
A55	0	3	rd	w	w	m	sd	or
A55	3	6	or	w	w	m	sd	or
A55	6	9	or	w	w	m	sd	or
A55	9	12	rd	w	w	m	sd	or
A55	12	15	rd	w	w	m	sd	dkor
A55	15	18	orbr	w	w	f	sd	orbr
A55	18	21	orbr	w	w	f	sd	orbr
A55	21	24	orbr	w	w	f	sd	orbr
A55	24	27	orbr	w	w	f	sd	or
A55	27	30	orbr	w	w	f	sd	or
A55	30	33	orbr	w	w	f	sd	or
A55	33	36	orbr	w	w	f	sd	or
A55	36	39	orbr	mw	mw	fm	sd	or
A55	39	42	orbr	mw	mw	fm	sd	or
A55	42	45	yebr	mw	mw	fm	sd	ye
A55	45	48	yebr	mw	mw	fm	sd	ye
A56	0	3	rd	pm	pm	fc	sd	or
A56	3	6	rd	pm	pm	fc	sd	or
A56	6	9	rd	pm	pm	fc	sd	or
A56	9	12	or	mw	mw	fm	sd	dkor
A56	12	15	orbr	mw	mw	fm	sd	dkor
A56	15	18	yebr	w	w	f	sd	yeor
A56	18	21	yebr	w	w	f	sd	ye
A56	21	24	yebr	w	w	f	sd	ye
A56	24	27	orbr	pm	pm	fc	sd	orye
A56	27	30	orbr	pm	pm	fc	sd	orye
A56	30	33	orbr	pm	pm	fc	sd	orye
A56	33	36	orbr	pm	pm	fc	sd	yeor
A56	36	39	orbr	pm	pm	fc	sd	yeor
A56	39	42	orbr	pm	pm	fc	sd	yeor
A56	42	45	yebr	pm	pm	fc	sd	cr

Ankililoaka Lithology Data

Hole Id	From	To	Colour	Sort	Round	grain size	Lithology	Clay_colour
A56	45	48	yebr	pm	pm	fc	sd	cr
A57	0	3	rd	m	m	fc	sd	or
A57	3	6	rd	m	m	fc	sd	or
A57	6	9	rd	w	w	f	sd	or
A57	9	12	or	w	w	f	sd	dkor
A57	12	15	or	w	w	f	sd	dkor
A57	15	18	orye	pm	pm	cvc	sd	or
A57	18	21	orye	pm	pm	cvc	sd	or
A57	21	24	orye	pm	pm	cvc	sd	or
A57	24	27	orbr	w	w	f	sd	dkor
A57	27	30	orbr	w	w	f	sd	dkor
A57	30	33	orbr	w	w	f	sd	or
A57	33	36	orbr	w	w	f	sd	or
A57	36	39	br	w	w	f	sd	or
A57	39	42	br	w	w	f	sd	or
A57	42	45	ye	w	w	f	sd	orbr
A57	45	48	ye	w	w	f	sd	orbr
A58	0	3	br	pm	pm	fc	sd	dkor
A58	3	6	rdbr	pm	pm	fc	sd	dkor
A58	6	9	rdbr	pm	pm	fc	sd	dkor
A58	9	12	yebr	mw	mw	fm	sd	yeor
A58	12	15	yebr	mw	mw	fm	sd	yeor
A58	15	18	yebr	mw	mw	fm	sd	ye
A58	18	21	yebr	mw	mw	fm	sd	ye
A58	21	24	yebr	mw	mw	fm	sd	yeor
A58	24	27	yebr	mw	mw	fm	sd	yeor
A58	27	30	ye	mw	mw	fm	sd	ye
A58	30	33	ye	mw	mw	fm	sd	ye
A58	33	36	ye	mw	mw	fm	sd	ye
A58	36	39	ye	mw	mw	fm	sd	ye
A58	39	42	ye	mw	mw	fm	sd	ye
A58	42	45	ye	mw	mw	fm	sd	ye
A58	45	48	ye	mw	mw	fm	sd	ye
A59	0	3	rd	m	m	fc	sd	or
A59	3	6	rd	m	m	fc	sd	or
A59	6	9	or	m	m	fc	sd	or
A59	9	12	or	m	m	fc	sd	or
A59	12	15	rdbr	m	m	fc	sd	rdbr
A59	15	18	rdbr	m	m	fc	sd	rdbr
A59	18	21	rdbr	m	m	fc	sd	dkor
A59	21	24	rdbr	m	m	fc	sd	dkor
A59	24	27	rdbr	m	m	fc	sd	orbr
A59	27	30	orbr	w	w	f	sd	yebr
A59	30	33	br	w	w	f	sd	yeor
A59	33	36	br	w	w	f	sd	yeor
A59	36	39	br	w	w	f	sd	yeor
A59	39	42	br	w	w	f	sd	yeor
A59	42	45	yebr	w	w	f	sd	ye
A59	45	48	yebr	w	w	f	sd	ye
A60	0	3	dkor	mw	mw	fm	sd	dkor

Ankililoaka Lithology Data

Hole Id	From	To	Colour	Sort	Round	grain size	Lithology	Clay_colour
A60	3	6	dkor	mw	mw	fm	sd	dkor
A60	6	9	dkor	mw	mw	fm	sd	dkor
A60	9	12	or	mw	mw	fm	sd	or
A60	12	15	or	mw	mw	fm	sd	or
A60	15	18	or	mw	mw	fm	sd	or
A60	18	21	dkor	mw	mw	fm	sd	dkor
A60	21	24	dkor	mw	mw	fm	sd	dkor
A60	24	27	orbr	mw	mw	fm	sd	dkor
A60	27	30	orbr	mw	mw	fm	sd	orye
A60	30	33	orye	mw	mw	fm	sd	or
A60	33	36	ye	mw	mw	fm	sd	orye
A60	36	39	yebr	mw	mw	fm	sd	ltbr
A60	39	42	yebr	mw	mw	fm	sd	ltbr
A60	42	45	yebr	mw	mw	fm	sd	yebr
A60	45	48	yebr	mw	mw	fm	sd	yebr
A61	0	3	orbr	m	m	fc	sd	or
A61	3	6	orbr	m	m	fc	sd	or
A61	6	9	dk or	m	m	fc	sd	or
A61	9	12	or	m	m	fc	sd	or
A61	12	15	or	m	m	fc	sd	or
A61	15	18	or	m	m	fc	sd	or
A61	18	21	rd	m	m	fc	sd	dkor
A61	21	24	rd	m	m	fc	sd	dkor
A61	24	27	rd	m	m	fc	sd	dkor

Ankliloaka Assay Data

hole_id	from	to	sample_no.	Oversize (+1mm) %	Slimes (-63um)%	HM%
A4	0.0	3.0		0.05	9.77	5.56
A4	3.0	6.0		0.02	12.83	6.99
A4	6.0	9.0		0.00	9.44	6.56
A4	9.0	12.0		0.85	3.96	5.73
A4	12.0	15.0		0.00	3.08	3.67
A4	15.0	18.0		0.15	8.03	3.49
A4	18.0	21.0		0.16	7.37	5.11
A4	21.0	24.0		0.04	6.72	6.13
A4	24.0	27.0		0.00	8.14	7.25
A4	27.0	30.0		0.02	9.89	7.87
A4	30.0	33.0		0.07	11.31	6.17
A4	33.0	36.0		0.02	9.49	7.81
A4	36.0	39.0		0.03	6.90	5.54
A4	39.0	42.0		0.00	4.38	3.92
A5	1.0	3.0		0.07	3.52	1.77
A5	3.0	6.0		0.13	5.08	2.24
A5	6.0	9.0		0.14	5.49	3.08
A5	9.0	12.0		0.40	7.23	4.30
A5	12.0	15.0		0.49	6.67	2.51
A5	15.0	18.0		0.14	6.50	2.07
A5	18.0	21.0		0.07	5.23	2.55
A5	21.0	24.0		0.02	4.86	4.11
A5	24.0	27.0		0.04	3.86	4.77
A5	27.0	30.0		0.04	3.08	2.44
A6	1.0	3.0		0.08	2.44	1.21
A6	3.0	6.0		0.10	4.39	1.67
A6	6.0	9.0		0.20	3.97	1.98
A6	9.0	12.0		0.07	3.31	1.02
A6	12.0	15.0		0.19	5.42	2.77
A6	15.0	18.0		0.37	4.80	3.20
A6	18.0	21.0		0.21	5.51	3.63
A6	21.0	24.0		0.05	3.13	1.48
A6	24.0	27.0		0.47	11.10	6.05
A6	27.0	30.0		0.00	10.43	4.46
A20	0	3	2226	0.22	8.12	3.38
A20	3	6	2227	0.15	10.24	3.61
A20	6	9	2228	0.18	6.99	2.57
A20	9	12	2229	0.12	7.14	13.49
A20	12	15	2230	0.14	5.32	7.92
A20	15	18	2231	0.15	3.12	3.97
A20	18	21	2232	0.29	2.16	2.93
A20	21	24	2233	1.58	3.81	1.59
A20	24	27				
A20	27	30				
A21	0	3	2234	0.12	8.53	1.76
A21	3	6	2235	0.09	6.37	1.88
A21	6	9	2236	0.05	3.72	1.14
A21	9	12	2237	0.60	5.78	2.18
A21	12	15	2238	0.05	6.59	2.89
A21	15	18	2239	0.08	5.68	6.83

Ankliloaka Assay Data

hole_id	from	to	sample_no.	Oversize (+1mm) %	Slimes (-63um)%	HM%
A21	18	21	2240	0.01	4.10	12.25
A21	21	24	2241	0.03	5.12	17.23
A21	24	27	2242	0.01	3.24	4.95
A21	27	30	2243	0.04	3.73	6.38
A21	30	33				
A21	33	36				
A22	0	3	2244	0.05	7.85	2.19
A22	3	6	2245	0.04	8.52	2.87
A22	6	9	2246	0.02	9.37	5.10
A22	9	12	2247	0.09	6.43	1.62
A22	12	15	2248	0.13	2.87	0.34
A22	15	18	2249	0.13	2.67	0.55
A22	18	21	2250	0.57	7.79	1.39
A22	21	24	2251	0.27	8.12	1.96
A22	24	27	2252	0.33	7.91	4.54
A22	27	30	2253	0.05	5.97	4.47
A22	30	33	2254	0.34	4.09	2.28
A22	33	36	2255	0.05	7.15	5.34
A22	36	39	2256	0.05	4.09	3.64
A22	39	42				
A23	0	3	2257	0.03	7.68	3.39
A23	3	6	2258	0.08	7.45	4.49
A23	6	9	2259	0.04	7.37	6.02
A23	9	12	2260	0.02	6.46	8.33
A23	12	15	2261	0.01	4.20	5.84
A23	15	18	2262	0.11	6.18	3.50
A23	18	21	2263	0.15	5.09	0.80
A23	21	24	2264	0.04	2.47	0.53
A23	24	27	2265	0.06	1.54	0.47
A23	27	30	2266	0.34	4.87	2.35
A23	30	33	2267	0.61	6.26	1.58
A23	33	36	2268	1.56	7.11	1.19
A23	36	39	2269	1.53	7.81	1.67
A23	39	42	2270	0.48	4.13	1.69
A23	42	45	2271	0.11	3.28	2.09
A23	45	48	2272	0.05	1.98	2.01
A24	0	3	2273	0.09	5.95	1.19
A24	3	6	2274	0.08	8.17	1.63
A24	6	9	2275	0.07	7.71	2.10
A24	9	12	2276	0.12	7.29	3.33
A24	12	15	2277	0.08	7.53	5.38
A24	15	18	2278	0.23	3.50	0.74
A24	18	21	2279	0.20	2.61	0.60
A24	21	24	2280	0.08	2.66	1.09
A24	24	27	2281	0.00	2.91	1.84
A24	27	30	2282	0.05	3.73	1.48
A24	30	33	2283	0.05	3.11	0.87
A24	33	36	2284	0.27	6.61	2.31
A24	36	39	2285	0.10	7.80	3.82
A24	39	42				

Ankliloaka Assay Data

hole_id	from	to	sample_no.	Oversize (+1mm) %	Slimes (-63um)%	HM%
A25	0	3	2286	0.08	5.53	1.16
A25	3	6	2287	0.27	4.38	1.09
A25	6	9	2288	0.08	6.97	1.96
A25	9	12	2289	0.00	3.85	1.01
A25	12	13	2290	0.04	6.03	2.51
A25	13	15				
A26	0	3	2291	2.23	14.76	11.69
A26	3	6				
A27	0	3	2292	2.10	6.79	1.51
A27	3	6	2293	0.04	8.48	3.27
A27	6	9	2294	0.03	7.14	1.98
A27	9	12	2295	0.05	4.92	1.15
A27	12	15	2296	0.00	5.52	1.30
A27	15	18	2297	0.01	4.97	1.13
A27	18	21	2298	0.03	4.00	2.72
A27	21	24	2299	0.00	12.61	19.19
A27	24	27	2300	0.04	8.75	13.33
A27	27	30	2301	0.00	4.92	6.85
A27	30	33	2302	0.00	3.67	4.69
A27	33	36	2303	0.00	5.39	6.16
A27	36	39	2304	0.00	5.90	7.32
A27	39	42	2305	0.38	4.89	12.12
A27	42	45	2306	8.05	17.61	8.00
A27	45	48	2307	7.39	23.48	4.98
A28	0	3	2308	0.25	7.69	2.89
A28	3	6	2309	0.06	7.56	3.15
A28	6	9	2310	0.00	7.62	4.48
A28	9	12	2311	0.00	7.95	2.60
A28	12	15	2312	0.49	4.41	2.13
A28	15	18	2313	0.04	4.47	2.22
A28	18	21	2314	0.16	3.21	4.61
A28	21	24	2315	0.18	5.43	2.64
A28	24	27	2316	0.05	10.06	6.31
A28	27	30	2317	0.05	7.45	7.92
A28	30	33	2318	0.04	7.48	7.46
A28	33	36	2319	0.01	8.10	6.19
A28	36	39	2320	0.02	9.06	8.71
A28	39	42	2321	0.06	6.81	6.26
A28	42	45	2322	0.03	5.69	3.25
A28	45	48	2323	0.00	6.76	3.75
A29	0	3	2324	0.09	10.46	2.72
A29	3	6	2325	4.12	24.98	2.19
A29	6	9	2326	1.34	23.96	3.53
A29	9	12	2327	0.91	9.69	4.62
A29	12	15	2328	0.34	8.35	1.92
A29	15	18	2329	2.99	14.17	4.11
A29	18	21	2330	1.10	12.21	5.07
A29	21	24	2331	1.00	13.70	6.10
A29	24	27	2332	0.17	12.15	8.21
A29	27	30	2333	0.24	8.40	6.59

Ankliloaka Assay Data

hole_id	from	to	sample_no.	Oversize (+1mm) %	Slimes (-63um)%	HM%
A29	30	33	2334	0.06	7.04	6.17
A29	33	36	2335	0.08	6.58	4.99
A29	36	39	2336	0.01	5.21	2.31
A29	39	42	2337	0.04	7.85	4.24
A29	42	45	2338	0.07	8.79	4.71
A29	45	48	2339	0.01	6.59	4.53
A30	0	3	2340	0.09	12.91	2.24
A30	3	6	2341	0.01	15.68	3.88
A30	6	9	2342	0.13	8.12	2.97
A30	9	12	2343	0.37	7.21	4.60
A30	12	15	2344	0.19	7.89	4.52
A30	15	18	2345	0.19	8.54	5.21
A30	18	21	2346	0.14	10.20	7.67
A30	21	24	2347	0.09	8.41	5.08
A30	24	27	2348	0.07	6.06	2.64
A30	27	30	2349	0.13	3.58	2.56
A30	30	33	2350	0.10	2.80	1.46
A30	33	36	2351	0.07	5.41	3.55
A30	36	39	2352	0.41	5.50	2.24
A30	39	42	2353			
A30	42	45	2354	1.79	6.06	1.73
A30	45	48	2355	0.42	3.41	2.34
A31	0	3	2356	0.09	11.51	5.69
A31	3	6	2357	0.02	10.79	5.95
A31	6	9	2358			
A31	9	12	2359	0.01	8.76	5.40
A31	12	15	2360	0.01	8.42	6.24
A31	15	18	2361	0.02	7.11	3.96
A31	18	21	2362	0.02	5.66	5.95
A31	21	24	2363	0.03	5.97	6.13
A31	24	27	2364	0.03	8.45	4.62
A31	27	30	2365	0.02	10.59	4.73
A31	30	33	2366	0.08	8.85	6.11
A31	33	36	2367	0.02	6.70	4.64
A31	36	39	2368	0.06	7.19	5.01
A31	39	42	2369	0.40	12.27	11.00
A31	42	45	2370	0.19	4.03	3.79
A31	45	48	2371	0.24	6.08	4.48
A32	0	3	2372	0.40	36.08	2.55
A32	3	6	2373	0.28	18.79	5.42
A32	6	9	2374	0.07	10.36	7.06
A32	9	12	2375	0.08	6.98	6.25
A32	12	15	2376	0.08	9.98	7.43
A32	15	18	2377	0.04	11.78	11.22
A32	18	21	2378	0.01	11.49	16.31
A32	21	24	2379	0.51	10.27	9.27
A32	24	27	2380	0.53	5.37	2.70
A32	27	30	2381	3.51	7.24	1.66
A32	30	33	2382	2.53	5.19	2.02
A32	33	36	2383	0.50	2.42	1.50

Ankliloaka Assay Data

hole_id	from	to	sample_no.	Oversize (+1mm) %	Slimes (-63um)%	HM%
A32	36	39	2384	1.15	2.15	1.21
A32	39	42	2385	1.07	2.81	1.16
A32	42	45	2386	1.87	2.05	0.79
A32	45	48	2387	0.16	0.35	0.50
A33	0	3	2388	0.38	39.26	1.12
A33	3	6	2389	0.42	27.43	2.09
A33	6	9	2390	0.29	11.96	3.65
A33	9	12	2391	0.36	8.82	4.67
A33	12	15	2392	0.80	5.49	2.69
A33	15	18	2393	0.94	5.14	2.18
A33	18	21	2394	1.39	3.43	2.89
A33	21	24	2395	1.80	3.70	1.15
A33	24	27	2396	0.56	1.88	0.79
A33	27	30	2397	0.86	2.00	2.15
A33	30	33	2398	0.97	4.01	1.40
A34	0	3	2399	0.45	11.31	2.64
A34	3	6	2400	0.14	9.34	3.75
A34	6	9	2401	0.10	8.26	4.97
A34	9	12	2402	0.01	4.47	3.90
A34	12	15	2403	0.50	6.53	2.81
A34	15	18	2404	0.20	3.20	0.87
A34	18	21	2405	0.34	2.97	0.78
A34	21	24	2406	0.20	2.21	1.32
A34	24	27	2407	0.33	1.95	0.64
A34	27	30	2408	0.17	2.92	0.74
A34	30	33	2409	1.14	3.92	2.25
A34	33	35.5	2410	2.02	29.08	4.02
A34	35.5	35.6				
A35	0	3	2411	0.17	10.73	2.03
A35	3	6	2412	0.29	10.59	2.47
A35	6	9	2413	0.23	8.80	3.56
A35	9	12	2414	0.54	5.91	1.84
A35	12	15	2415	0.11	2.49	0.99
A35	15	18	2416	0.47	3.22	1.20
A35	18	20	2417	1.00	5.26	1.38
A35	20	21.4				
A35	21.4	21.5				
A36	0	3	2418	0.19	11.54	3.04
A36	3	6	2419	0.21	13.60	3.64
A36	6	9	2420	0.01	10.52	5.26
A36	9	12	2421	0.94	8.88	1.90
A36	12	15	2422	0.93	49.02	1.40
A36	15	18				
A36	18	21				
A36	21	24				
A37	0	3	2423	0.64	9.47	2.45
A37	3	6	2424	0.43	11.07	2.81
A37	6	9	2425	0.01	11.28	3.84
A37	9	12	2426	0.37	11.09	5.96
A37	12	15	2427	5.54	26.09	1.34

Ankliloaka Assay Data

hole_id	from	to	sample_no.	Oversize (+1mm) %	Slimes (-63um)%	HM%
A37	15	18				
A37	18	21				
A37	21	24				
A38	0	3	2428	2.57	22.05	4.79
A38	3	6	2429	3.11	19.46	5.83
A38	6	9	2430	0.12	5.47	3.42
A38	9	12	2431	0.32	5.63	2.47
A38	12	15	2432	0.35	6.11	4.86
A38	15	18	2433	0.80	7.97	2.76
A38	18	21	2434	1.08	11.62	4.63
A38	21	24				
A38	24	27				
A38	27	30				
A39	0	3	2435	0.42	10.13	2.61
A39	3	6	2436	0.20	11.88	3.05
A39	6	9	2437	0.09	8.63	3.32
A39	9	12	2438	0.15	9.18	5.44
A39	12	15	2439	0.54	13.03	0.98
A39	15	18	2440	0.34	5.83	2.22
A39	18	21	2441	0.37	6.08	3.33
A39	21	24	2442	0.11	3.86	1.76
A39	24	27	2443	2.02	8.02	1.85
A39	27	27.1				
A40	0	3	2444	0.16	8.54	1.66
A40	3	6	2445	0.09	9.07	2.05
A40	6	9	2446	0.12	8.06	2.74
A40	9	12	2447	0.15	5.46	3.24
A40	12	15	2448	0.24	5.66	3.63
A40	15	18	2449	2.68	17.28	1.73
A40	18	18.1				
A41	0	3	2450	0.20	8.12	1.87
A41	3	6	2451	0.13	6.85	2.51
A41	6	9	2452	0.24	5.62	3.39
A41	9	12	2453	0.31	5.64	4.23
A41	12	15	2454	0.19	4.36	2.19
A41	15	18	2455	0.14	5.58	3.52
A41	18	18.9				
A41	18.9	19				
A42	0	3	2456	0.23	8.69	1.35
A42	3	6	2457	0.11	9.40	1.71
A42	6	9	2458	0.10	6.84	2.32
A42	9	12	2459	0.22	4.54	1.72
A42	12	15	2460	0.41	5.96	1.58
A42	15	15.8	2461	4.20	17.18	0.63
A42	15.8	15.9				
A43	0	3	2462	0.27	7.10	1.17
A43	3	6	2463	0.22	9.40	1.40
A43	6	9	2464	0.24	5.86	1.78
A43	9	12	2465	0.59	3.21	1.51
A43	12	14.5	2466	0.81	10.54	1.20

Ankliloaka Assay Data

hole_id	from	to	sample_no.	Oversize (+1mm) %	Slimes (-63um)%	HM%
A43	14.5	14.6				
A44	0	3	2467	3.81	15.38	1.61
A44	3	6	2468	5.28	19.02	2.19
A44	6	9	2469	23.15	35.25	2.63
A44	9	12	2470	45.85	59.89	0.84
A44	12	14.1	2471	17.09	45.69	0.48
A44	14.1	14.2				
A45	0	3	2472			
A45	3	6	2473			
A45	6	9	2474			
A45	9	12	2475	27.51	53.16	0.78
A45	12	15				
A45	15	15.5				
A45	15.5	15.6				
A46	0	3	2476	0.47	13.48	2.00
A46	3	6	2477	0.80	17.20	2.53
A46	6	9	2478	0.60	16.20	2.28
A46	9	12	2479	0.39	10.20	2.11
A46	12	15	2480	0.20	7.58	2.44
A46	15	18	2481	0.22	8.77	2.44
A46	18	21	2482	0.70	8.15	1.78
A46	21	24	2483	0.81	8.10	2.00
A46	24	27	2484	0.79	7.47	2.33
A46	27	30	2485	1.12	6.62	1.77
A46	30	33				
A46	33	35.5				
A47	0	3	2486	0.97	26.23	1.50
A47	3	6	2487	0.47	18.88	1.38
A47	6	9	2488	0.52	15.28	1.14
A47	9	12	2489	0.79	13.25	1.25
A47	12	15	2490	0.75	11.58	2.04
A47	15	18	2491	1.71	9.02	2.40
A47	18	21				
A47	21	22				
A47	22	24				
A48	0	3	2492	0.63	35.76	0.72
A48	3	6	2493	1.62	33.75	0.72
A48	6	9	2494	0.19	17.44	1.14
A48	9	12	2495	0.37	13.69	2.04
A48	12	15	2496	0.16	9.43	1.69
A48	15	18	2497	0.22	7.26	1.81
A48	18	21	2498	0.22	16.51	1.36
A48	21	24	2499	3.81	14.43	1.50
A48	24	25.2				
A48	25.2	25.3				
A49	0	3	2500	0.11	5.44	0.52
A49	3	6	2501	0.17	3.68	0.87
A49	6	9	2502	0.08	2.07	1.21
A49	9	12	2503	0.19	1.95	0.72
A49	12	15	2504	0.08	10.24	0.68

Ankliloaka Assay Data

hole_id	from	to	sample_no.	Oversize (+1mm) %	Slimes (-63um)%	HM%
A49	15	18				
A49	18	21				
A49	21	24	2505	0.13	7.72	1.81
A49	24	27	2506	0.07	5.91	2.72
A49	27	30	2507	0.04	7.65	2.25
A49	30	33	2508	0.24	7.79	1.38
A49	33	36	2509	0.69	4.82	0.90
A49	36	39	2510	0.80	3.62	1.17
A49	39	42	2511	1.63	3.39	1.11
A49	42	45	2512	1.14	3.22	2.90
A49	45	48	2513	0.49	4.10	1.72
A50	0	3	2514	2.18	49.21	0.68
A50	3	6	2515	2.22	23.29	1.52
A50	6	9	2516	1.12	12.46	2.31
A50	9	12	2517	0.70	8.26	3.50
A50	12	15	2518	0.49	7.04	2.54
A50	15	18	2519	0.57	5.14	1.57
A50	18	21	2520	5.68	8.76	0.65
A50	21	24	2521	0.70	3.66	1.45
A50	24	27	2522	1.29	4.33	2.28
A50	27	30	2523	1.01	4.31	3.36
A50	30	33	2524	1.23	2.34	0.72
A50	33	36	2525	1.17	6.47	0.82
A50	36	39	2526	1.16	6.93	1.08
A50	39	42	2527	1.50	4.71	1.03
A50	42	45	2528	1.91	4.86	1.26
A50	45	48	2529	1.31	3.19	0.47
A51	0	3	2530	0.07	5.08	3.47
A51	3	6	2531	0.05	7.77	4.58
A51	6	9	2532	0.01	6.18	5.42
A51	9	12	2533	0.08	5.61	2.85
A51	12	15	2534	0.07	5.92	2.04
A51	15	18	2535	0.06	8.19	3.11
A51	18	21	2536	0.31	5.79	2.63
A51	21	24	2537	0.31	5.42	4.04
A51	24	27	2538	0.45	6.47	3.70
A51	27	30	2539	0.58	5.77	2.35
A51	30	33	2540	1.16	5.14	1.33
A51	33	36	2541	0.31	6.29	5.38
A51	36	39	2542	0.80	3.72	1.37
A51	39	42	2543	2.39	5.21	1.09
A51	42	45	2544	1.12	3.99	1.00
A51	45	48	2545	1.76	4.52	0.55
A52	0	3	2546	0.06	6.33	1.28
A52	3	6	2547	0.04	6.27	1.79
A52	6	9	2548	0.03	5.91	2.28
A52	9	12	2549	0.04	5.74	2.80
A52	12	15	2550	0.15	5.70	2.63
A52	15	18	2551	0.17	8.21	4.40
A52	18	21	2552	0.07	6.46	4.60

Ankliloaka Assay Data

hole_id	from	to	sample_no.	Oversize (+1mm) %	Slimes (-63um)%	HM%
A52	21	24	2553	0.15	4.23	3.67
A52	24	27	2554	0.14	4.24	4.35
A52	27	30	2555	0.06	4.64	4.30
A52	30	33	2556	0.13	3.75	2.84
A52	33	36	2557	0.30	4.18	1.82
A52	36	39	2558	1.62	5.39	1.71
A52	39	42	2559	0.08	5.59	5.04
A52	42	45	2560	0.06	3.83	4.48
A52	45	48	2561	0.58	2.53	1.11
A53	0	3	2562	0.07	6.91	1.73
A53	3	6	2563	0.06	6.99	2.24
A53	6	9	2564	0.08	8.40	3.27
A53	9	12	2565	0.23	8.24	2.86
A53	12	15	2566	0.03	6.02	2.65
A53	15	18	2567	0.04	4.80	1.93
A53	18	21	2568	0.05	4.12	2.45
A53	21	24	2569	0.02	3.08	1.10
A53	24	27	2570	0.01	1.74	0.90
A53	27	30	2571	0.07	2.51	2.27
A53	30	33	2572	0.08	1.65	0.51
A53	33	36	2573	0.12	2.05	1.20
A53	36	39	2574	0.11	1.78	0.92
A53	39	42	2575	0.35	2.56	1.07
A53	42	45	2576	0.98	5.44	2.32
A53	45	48	2577	1.00	3.96	0.76
A54	0	3	2578	0.09	4.27	1.05
A54	3	6	2579	0.07	5.38	1.64
A54	6	9	2580	0.09	4.71	2.37
A54	9	12	2581	0.17	4.74	2.31
A54	12	15	2582	0.20	5.03	1.16
A54	15	18	2583	0.16	7.14	2.21
A54	18	21	2584	0.16	8.10	3.23
A54	21	24	2585	0.03	6.02	3.28
A54	24	27	2586	0.06	4.90	3.21
A54	27	30	2587	0.02	3.22	1.35
A54	30	33	2588	0.05	3.19	1.26
A54	33	36	2589	0.07	4.03	1.80
A54	36	39	2590	0.30	4.41	1.89
A54	39	42	2591	0.43	5.43	2.51
A54	42	45	2592	2.02	6.67	2.27
A54	45	48	2593	1.70	6.09	1.61
A55	0	3	2594	0.09	3.94	1.28
A55	3	6	2595	0.13	4.62	1.80
A55	6	9	2596	0.12	4.50	2.62
A55	9	12	2597	0.23	4.01	2.05
A55	12	15	2598	0.46	6.55	3.51
A55	15	18	2599	0.06	11.57	6.73
A55	18	21	2600	0.02	10.01	4.98
A55	21	24	2601	0.02	8.42	5.70
A55	24	27	2602	0.01	9.49	2.91

Ankliloaka Assay Data

hole_id	from	to	sample_no.	Oversize (+1mm) %	Slimes (-63um)%	HM%
A55	27	30	2603	0.01	9.14	2.29
A55	30	33	2604	0.02	7.77	2.35
A55	33	36	2605	0.04	6.69	2.22
A55	36	39	2606	0.06	5.42	2.22
A55	39	42	2607	0.07	5.79	2.62
A55	42	45	2608	0.10	4.39	1.72
A55	45	48	2609	0.22	3.88	0.85
A56	0	3	2610	0.11	6.87	2.06
A56	3	6	2611	0.11	6.90	3.18
A56	6	9	2612	0.17	7.56	3.53
A56	9	12	2613	0.03	9.34	3.94
A56	12	15	2614	0.03	12.22	15.64
A56	15	18	2615	0.36	6.56	23.43
A56	18	21	2616	7.69	15.64	7.40
A56	21	24	2617	5.71	13.19	8.84
A56	24	27	2618	0.12	3.90	2.20
A56	27	30	2619	0.04	4.31	2.13
A56	30	33	2620	0.06	3.93	3.07
A56	33	36	2621	0.06	4.11	8.09
A56	36	39	2622	4.08	6.84	3.14
A56	39	42	2623	15.42	22.62	7.75
A56	42	45	2624	14.03	20.82	2.76
A56	45	48	2625	13.81	20.41	2.12
A57	0	3	2626	0.06	5.61	1.20
A57	3	6	2627	0.04	5.74	1.85
A57	6	9	2628	0.08	6.66	2.38
A57	9	12	2629	0.04	11.21	3.43
A57	12	15	2630	0.06	11.19	3.46
A57	15	18	2631	0.03	6.35	1.04
A57	18	21	2632	0.21	5.38	0.89
A57	21	24	2633	0.02	3.80	0.78
A57	24	27	2634	0.01	5.41	2.95
A57	27	30	2635	0.05	5.27	3.28
A57	30	33	2636	0.04	7.44	5.07
A57	33	36	2637	0.02	4.85	1.90
A57	36	39	2638	0.00	4.89	4.49
A57	39	42	2639	0.03	4.22	3.09
A57	42	45	2640	0.28	5.18	3.75
A57	45	48	2641	0.00	2.95	1.45
A58	0	3	2642	0.06	15.07	2.12
A58	3	6	2643	0.10	22.28	3.87
A58	6	9	2644	0.13	11.82	6.78
A58	9	12	2645	0.20	11.99	5.17
A58	12	15	2646	0.04	9.94	2.83
A58	15	18	2647	0.03	10.11	4.54
A58	18	21	2648	0.02	7.30	1.85
A58	21	24	2649	0.10	5.92	2.46
A58	24	27	2650	0.05	4.26	1.95
A58	27	30	2651	0.25	4.94	2.42
A58	30	33	2652	0.04	3.30	1.40

Ankliloaka Assay Data

hole_id	from	to	sample_no.	Oversize (+1mm) %	Slimes (-63um)%	HM%
A58	33	36	2653	0.09	3.10	1.91
A58	36	39	2654	1.65	4.69	1.11
A58	39	42	2655	4.76	7.77	1.43
A58	42	45	2656	1.40	3.68	1.87
A58	45	48	2657	2.38	4.97	1.75
A59	0	3	2658	0.05	9.07	2.48
A59	3	6	2659	0.04	10.76	3.34
A59	6	9	2660	0.04	7.60	3.90
A59	9	12	2661	0.05	9.10	3.02
A59	12	15	2662	0.07	10.14	3.20
A59	15	18	2663	0.09	8.97	2.73
A59	18	21	2664	0.18	7.39	3.58
A59	21	24	2665	0.03	7.67	3.60
A59	24	27	2666	0.03	8.37	4.78
A59	27	30	2667	0.01	5.40	3.32
A59	30	33	2668	0.01	5.76	5.14
A59	33	36	2669	0.04	8.28	8.92
A59	36	39	2670	0.05	8.05	6.49
A59	39	42	2671	0.05	4.36	2.60
A59	42	45	2672	0.24	2.62	2.80
A59	45	48	2673	0.61	3.66	3.69
A60	0	3	2674	0.10	6.96	2.44
A60	3	6	2675	0.10	7.91	3.07
A60	6	9	2676	0.02	7.00	6.28
A60	9	12	2677	0.04	4.43	1.62
A60	12	15	2678	0.04	3.17	2.28
A60	15	18	2679	0.04	1.71	0.89
A60	18	21	2680	0.03	6.38	3.08
A60	21	24	2681	0.03	6.50	2.14
A60	24	27	2682	0.12	7.30	3.02
A60	27	30	2683	0.07	6.68	1.59
A60	30	33	2684	0.24	7.99	3.35
A60	33	36	2685	0.29	4.61	1.26
A60	36	39	2686	0.23	5.22	3.58
A60	39	42	2687	0.10	5.13	2.20
A60	42	45	2688	0.03	7.65	6.74
A60	45	48	2689	0.02	4.06	2.64
A61	0	3	2690	0.06	4.68	1.24
A61	3	6	2691	0.03	5.81	1.69
A61	6	9	2692	0.17	5.89	2.47
A61	9	12	2693	0.03	5.31	1.73
A61	12	15	2694	0.00	6.45	3.90
A61	15	18	2695	0.00	5.44	4.91
A61	18	21	2696	0.18	5.93	3.45
A61	21	24	2697	0.17	6.93	2.82
A61	24	27	2698	0.04	7.95	3.08

Appendix 1.2 Basibasy Drill Database

Basibasy Collar Data

hole_id	E (UTM)	N(UTM)	Altitude	EOH	Date	drill	geologist
BA1	358220	7556305	59	12	2001	Wallis	P Woods
BA2	358153	7556027	61	27	2001	Wallis	P Woods
BA3	358116	7555682	61	27	2001	Wallis	P Woods
BA4	358300	7555400	61	24	2001	Wallis	P Woods
BA21	358400	7546927	87	24	2003	Wallis	P Woods
BA22	358027	7546928	86	30	2003	Wallis	P Woods
BA23	357594	7546965	97	27	2003	Wallis	P Woods
BA24	357190	7546938	98	30	2003	Wallis	P Woods
BA25	356780	7546850	102	34	2003	Wallis	P Woods
BA26	356400	7546770	103	24	2003	Wallis	P Woods
BA27	356000	7546673	104	27	2003	Wallis	P Woods
BA28	355600	7546580	105	30	2003	Wallis	P Woods
BA29	354980	7546463	106	33	2003	Wallis	P Woods
BA30	354500	7546395	106	30	2003	Wallis	P Woods
BA31	353450	7546250	102	33	2003	Wallis	P Woods
BA32	358600	7555711	60	20	2003	Wallis	P Woods
BA33	358500	7555642	62	33	2003	Wallis	P Woods
BA34	358400	7555680	62	30	2003	Wallis	P Woods
BA35	358288	7555660	63	34	2003	Wallis	P Woods
BA36	358200	7555655	66	35	2003	Wallis	P Woods
BA37	358100	7555693	66	33	2003	Wallis	P Woods
BA38	358000	7555690	66	36	2003	Wallis	P Woods
BA39	357900	7555697	67	27	2003	Wallis	P Woods
BA40	357800	7555690	67	33	2003	Wallis	P Woods
BA41	357477	7555630	70	36	2003	Wallis	P Woods
BA42	357120	7555600	70	39	2003	Wallis	P Woods
BA50	358400	7549470	86	33	2005	Wallis	P Woods
BA51	357200	7549503	88	30	2005	Wallis	P Woods
BA52	356600	7549522	89	39	2005	Wallis	P Woods
BA53	356000	7549547	88	39	2005	Wallis	P Woods
BA54	355400	7549564	88	39	2005	Wallis	P Woods
BA55	354800	7549590	88	45	2005	Wallis	P Woods
BA56	354816	7548400	92	39	2005	Wallis	P Woods
BA57	354815	7547200	98	36	2005	Wallis	P Woods
BA58	354807	7544800	105	39	2005	Wallis	P Woods
BA59	354804	7543600	113	36	2005	Wallis	P Woods
BA60	354806	7542400	117	39	2005	Wallis	P Woods
BA61	353600	7542354	109	33	2005	Wallis	P Woods
BA62	354800	7541200	122	30	2005	Wallis	P Woods
BA63	354808	7540000	127	27	2005	Wallis	P Woods
BA64	359000	7552333	83	24	2005	Wallis	P Woods
BA65	358400	7552360	85	30	2005	Wallis	P Woods
BA66	357800	7552384	85	30	2005	Wallis	P Woods
BA67	357200	7552425	85	33	2005	Wallis	P Woods

Basibasy Collar Data

hole_id	E (UTM)	N(UTM)	Altitude	EOH	Date	drill	geologist
BA68	356600	7552435	89	42	2005	Wallis	P Woods
BA69	356000	7552458	89	48	2005	Wallis	P Woods
BA70	355400	7552463	89	45	2005	Wallis	P Woods
BA71	354800	7552460	89	48	2005	Wallis	P Woods
BA72	354814	7550800	84	45	2005	Wallis	P Woods
BA73	357800	7549495	87	27	2005	Wallis	P Woods
BA74	354808	7546600	101	39	2005	Wallis	P Woods
BA75	354806	7546000	104	42	2005	Wallis	P Woods
BA76	354804	7545400	106	39	2005	Wallis	P Woods
BA77	352400	7542400	98	27	2005	Wallis	P Woods
BA78	354807	7545700	104	36	2005	Wallis	P Woods
BA79	354809	7546300	102	42	2005	Wallis	P Woods
BA80	354800	7546435	101	39	2005	Wallis	P Woods
BA81	354200	7546373	99	33	2005	Wallis	P Woods
BA82	355200	7546507	101	36	2005	Wallis	P Woods
BA83	353900	7546340	98	36	2005	Wallis	P Woods
BA84	353000	7546182	97	36	2005	Wallis	P Woods
BA85	351800	7546209	95	36	2005	Wallis	P Woods
BA86	354801	7536313	135	48	2005	Wallis	P Woods
BA87	351660	7535450	132	23.6	2005	Wallis	P Woods

Basibasy Lithological Data

Hole Id	From	To	Colour	Sort	Round	grain size	Lithology	Clay_colour
BA1	0	8					sand	
BA1	8	12					clay	
BA2	0	10					sand	
BA2	10	15					clay	
BA2	15	24					sand+clay	
BA2	24	27					clay	
BA21	0	3	ltbr				clsd	
BA21	3	6	ltbr				sd cl	
BA21	6	9	ltbr				sd cl	
BA21	9	12	ltbr				sd cl	
BA21	12	15	pbr				sd cl	
BA21	15	18	ory				sd cl	
BA21	18	21	y			f	sd	
BA21	21	23	y			f	sd	
BA21	23	24	w				lst	
BA22	0	3	br			f	sd cl	
BA22	3	6	br			f	sd cl	
BA22	6	7	br			f	sd cl	
BA22	7	8	br				cl	
BA22	8	12	y	p		f	sd	
BA22	12	15	y	m		f	sd	
BA22	15	16	br				cl	
BA22	16	17	y				sd cl	
BA22	17	18	br				cl	
BA22	18	21	or			f	sd cl	
BA22	21	29	y				sd	wh
BA22	29	30					lst	
BA23	0	6	or			f	sd	
BA23	6	9	or	p			sd	
BA23	9	12	or			f	sd cl	
BA23	12	26	gr			f	sd cl	
BA23	26	27				c	gr	
BA24	0	9	or			f	sd	
BA24	9	12	dkor				sd cl	
BA24	12	15	ory			m	sd	
BA24	15	18	ory			c	sd	
BA24	18	24	or			f	sd cl	
BA24	24	27	or			f	sd cl	
BA24	27	29				c	gr	
BA24	29	30	br				cl	
BA25	0	9	orbr			f	sd	
BA25	9	12	orbr			f	sd cl	
BA25	12	15	orbr			m	sd	
BA25	15	33	or				sd cl	
BA25	33	34	orr				sd cl	
BA26	0	9	ory			f	sd	
BA26	9	12	ory			f	sd cl	
BA26	12	21	br				cl sd	
BA26	22	24	rbr				cl sd	
BA27	0	3	orbr			f	sd	
BA27	3	6	y			f	sd	
BA27	6	12	gy			f	sd	
BA27	12	18	orbr				cl sd	
BA27	18	27	rbr				cl sd	
BA28	0	6	br			f	sd	

Basibasy Lithological Data

Hole Id	From	To	Colour	Sort	Round	grain size	Lithology	Clay_colour
BA28	6	12	ory				sd cl	
BA28	12	15	orbr				sd cl	
BA28	15	21	orbr				sd cl	
BA28	21	30	rbr				cl sd	
BA29	0	3	br			f	sd	
BA29	3	6	y			f	sd	
BA29	6	12	crbr				sd	
BA29	12	18	or				sd	
BA29	18	24	gybr				sd cl	
BA29	24	30	rbr				cl sd	
BA29	30	33	ybr				cl sd	
BA3	0	14					sand	
BA3	14	15					clay	
BA3	15	27					sand+clay	
BA3	27	28					clay	
BA30	0	3	cry				sd	
BA30	3	6	ory				sd	
BA30	6	9	gy				sd cl	gy
BA30	9	12	or				sd	
BA30	12	18	or			f	cl sd	
BA30	18	21	gy			f	cl sd	
BA30	21	27	or			f	cl sd	
BA30	27	30	ybr			f	cl sd	
BA31	0	21	gy			f	sd	
BA31	21	24	gyor			f	sd	
BA31	24	27	or			f	sd	
BA31	27	33	ybr				sd	
BA32	0	3	orbr	p	p	f	sd	
BA32	3	8	gy	m	m	f	sd	gy
BA32	8	9	gygr				cl	
BA32	9	12	gyor				cl sd	orbr
BA32	12	18	cry	m	m	f	sd	
BA32	18	20	y				cl sd	orbr
BA32	20	21	gy				cl sd	orbr
BA33	0	3	OrBr	p	p	f	sd	
BA33	3	8	Gy	m	m	f	sd	Gy
BA33	8	10	OrGy				cl sd	Gy
BA33	10	12	Gy+Or				cl	Or
BA33	12	18	Gy	m	m	f	sd	Gy
BA33	18	20	Y				sd	Y
BA33	20	27	Gy				cl	GyBr
BA33	27	32	Y				sd	Y
BA33	32	33	Br				cl	Br
BA33	33	34					lst	
BA34	0	3	OrBr	p	p	f	sd	
BA34	3	8	Gy	m	m	f	S	Gy
BA34	8	10	OrGy				cl sd	Gy
BA34	10	11	OrGy				cl sd	Gy
BA34	11	13	OrGy				cl sd	Gy
BA34	13	14	OrGy				cl sd	Gy
BA34	14	15	OrGy				cl sd	Gy
BA34	15	16	Y				sd	Y
BA34	16	17	Y				sd	Y
BA34	17	19	Y				sd	Y
BA34	19	20	Y				sd	Y
BA34	20	21	Y				sd	Y

Basibasy Lithological Data

Hole Id	From	To	Colour	Sort	Round	grain size	Lithology	Clay_colour
BA34	21	22	Y				sd	Y
BA34	22	23	Y				sd	Y
BA34	23	24	Y				sd	Y
BA34	24	30	Ybr				cl	Ybr
BA35	0	3	OrBr	p	p	f	sd	
BA35	3	11	Gy	m	m	f	sd	Gy
BA35	11	13	OrGy				cl sd	Gy
BA35	13	14	OrGy				cl	Gy
BA35	14	15	OrGy				cl sd	Gy
BA35	15	22	Y				sd	Y
BA35	22	23	Y				sd	Y
BA35	23	30	GyBr				cl	Ybr
BA35	30	33	W	p	p	c-vc	sd	
BA35	33	34					lst	
BA36	0	3	OrBr	p	p	f	sd	
BA36	3	10	Gy	m	m	f	sd	Gy
BA36	10	15	OrGy				cl sd	Gy
BA36	15	24	CrY				sd	Y
BA36	24	34	YBr				cl	Ybr
BA36	34	35					lst	
BA37	0	3	OrBr	p	p	f	sd	
BA37	3	10	Gy	m	m	f	sd	Gy
BA37	10	15	OrBr				cl	OrBr
BA37	15	18	OrCr				cl sd	Y
BA37	18	21	Y				cl sd	Y
BA37	21	24	YBr				cl sd	Y
BA37	24	33	YBr				cl	Ybr
BA38	0	3	YBr	p	p	f	sd	
BA38	3	11	Gy	m	m	f	sd	Gy
BA38	11	12	OrBr	m	m	f	cl sd	OrBr
BA38	12	15	Or				cl	OrBr
BA38	15	18	OrGy				cl sd	OrBr
BA38	18	21	Y				cl sd	Y
BA38	21	24	CrY				cl sd	Y
BA38	24	29	OrY				cl	Ybr
BA38	29	30	YBr	m	m	c-vc	sd	
BA38	30	33	Y				cl sd	Y
BA38	33	36	Y				cl	Y
BA39	0	3	OrGy	p	p	f	sd	
BA39	3	12	Gy	m	m	f	sd	Cr
BA39	12	15	OrBr				cl	OrBr
BA39	15	26	Or				cl sd	OrBr
BA39	26	27	YBr				cl	Ybr
BA4	0	11					sand	
BA4	11	15					clay	
BA4	15	21					sand+clay	
BA4	21	24					clay	
BA40	0	3	OrGy	p	p	f	sd	
BA40	3	9	Gy	m	m	f	sd	Gy
BA40	9	12	OrBr	m	m	f	sd	Or
BA40	12	18	RBr				cl	OrBr
BA40	18	21	CrBr				cl sd	Br
BA40	21	24	RBr				cl sd	OrBr
BA40	24	27	CrY				cl sd	Y
BA40	27	30	Y				cl	Y
BA41	0	3	Ybr	p	p	f	sd	
BA41	3	9	Gy	m	m	f	sd	CrBr

Basibasy Lithological Data

Hole Id	From	To	Colour	Sort	Round	grain size	Lithology	Clay_colour
BA41	9	12	OrBr	m	m	f	sd	Ybr
BA41	12	15	OrBr				cl sd	CrBr
BA41	15	18	OrBr				cl sd	Or
BA41	18	24	CrBr				cl sd	Cr
BA41	24	27	RBr				cl sd	RBr
BA41	27	29	Y				cl sd	Y
BA41	29	30	Y				cl	Y
BA42	0	9	Gy	m	m	f	sd	Gy
BA42	9	12	Gy	m	m	f	sd	OrBr
BA42	12	15	Or				cl sd	Or
BA42	15	18	Or				cl sd	CrOr
BA42	18	21	PiOr				cl sd	Cr
BA42	21	24	OrCr				cl sd	Y
BA42	24	30	OrR				cl sd	R
BA42	30	39	Br				cl	Br
BA50	0	3	or	mw	mw	f	clsd	cror
BA50	3	6	or	mw	mw	f	clsd	cror
BA50	6	9	or	mw	mw	vff	clsd	cror
BA50	9	12	gy				cl	orye
BA50	12	15	gy				cl	orye
BA50	15	18	gy				clsd	orye
BA50	18	21	gy				clsd	orye
BA50	21	24	gy				cl	orye
BA50	24	27	gy				clsd	orye
BA50	27	30	gy				cl	orye
BA50	30	33	gy				clsd	orye
BA51	0	3	ye	mw	mw	vff	sd	crye
BA51	3	6	ye	mw	mw	vff	sd	crye
BA51	6	9	ye	mw	mw	vff	sd	crye
BA51	9	12	ye	w	w	f	sd	orye
BA51	12	15	ye	w	w	f	sd	orye
BA51	15	18	ye	w	w	f	sd	ye
BA51	18	21	ye	w	w	f	sd	ye
BA51	21	24	ye	w	w	f	sd	ye
BA51	24	27	ye	w	w	f	sd	ye
BA51	27	30	rd				sd cl	pi
BA52	0	3	yebr	mw	mw	fc	sd	crye
BA52	3	6	yebr	mw	mw	fc	sd	crye
BA52	6	9	gy	mw	mw	fm	sd	crye
BA52	9	12	gy	mw	mw	fm	sd	wh
BA52	12	15	gy				clsd	orye
BA52	15	18	or				clsd	orye
BA52	18	21	or				clsd	or
BA52	21	24	or				clsd	or
BA52	24	27	or				clsd	or
BA52	27	30	or				clsd	dkor
BA52	30	33	dkor				clsd	dkor
BA52	33	36	dkor				clsd	dkor
BA52	36	39	dkor				clsd	dkor
BA53	0	3	wh	mw	mw	fc	sd	wh
BA53	3	6	wh	mw	mw	fc	sd	wh
BA53	6	9	wh	mw	mw	fc	sd	wh
BA53	9	12	wh				clsd	wh
BA53	12	15	wh				clsd	wh
BA53	15	18	or				clsd	or
BA53	18	21	or				clsd	or
BA53	21	24	or				clsd	or

Basibasy Lithological Data

Hole Id	From	To	Colour	Sort	Round	grain size	Lithology	Clay_colour
BA53	24	27	dkor				clsd	dkor
BA53	27	30	dkor				clsd	dkor
BA53	30	33	or				clsd	dkor
BA53	33	36	or				clsd	dkor
BA53	36	39	or				clsd	yebr
BA54	0	3	gy	m	m	fm	sd	wh
BA54	3	6	ye	m	m	fm	sd	wh
BA54	6	9	wh	m	m	fm	sd	wh
BA54	9	12	wh	m	m	fm	sd	wh
BA54	12	15	wh	w	w	f	sd	wh
BA54	15	18	wh	w	w	f	sd	wh
BA54	18	21	wh	w	w	f	sd	wh
BA54	21	24	wh	w	w	f	sd	wh
BA54	24	27	or				clsd	orye
BA54	27	30	or				clsd	orye
BA54	30	33	or				clsd	orye
BA54	33	36	or				clsd	dkor
BA54	36	39	or				clsd	dkor
BA55	0	3	gy	w	w	f	sd	gy
BA55	3	6	gy	w	w	f	sd	gy
BA55	6	9	wh	w	w	f	sd	gy
BA55	9	12	wh				clsd	gy
BA55	12	15	wh				clsd	gy
BA55	15	18	wh				clsd	gy
BA55	18	21	wh				clsd	gy
BA55	21	24	wh				clsd	gy
BA55	24	27	wh				clsd	gy
BA55	27	30	or				clsd	dkor
BA55	30	33	dkor				clsd	dkor
BA55	33	36	dkor				clsd	dkor
BA55	36	39	dkor				clsd	dkor
BA55	39	42	dkor				clsd	dkor
BA55	42	45	dkor	p	p	cvc	sd	dkor
BA56	0	3	gy	m	m	fm	sd	or
BA56	3	6	gy	m	m	fm	sd	or
BA56	6	9	wh	m	m	fm	sd	or
BA56	9	12	wh	w	w	f	sd	wh
BA56	12	15	or	w	w	f	clsd	dkor
BA56	15	18	or	w	w	f	clsd	dkor
BA56	18	21	or	w	w	f	clsd	dkor
BA56	21	24	or	w	w	f	clsd	orye
BA56	24	27	orye				clsd	orye
BA56	27	30	orye				clsd	or
BA56	30	33	orye				clsd	orye
BA56	33	36	orye				clsd	ye
BA56	36	39	ye	p	p	cvc	sd	ye
BA57	0	3	gy	m	m	fm	sd	or
BA57	3	6	gy	m	m	fm	sd	or
BA57	6	9	pk	w	w	f	sd	or
BA57	9	12	or				clsd	or
BA57	12	15	dkor				clsd	dkor
BA57	15	18	dkor				clsd	dkor
BA57	18	21	dkor				clsd	dkor
BA57	21	24	dkor				clsd	dkor
BA57	24	27	ye				clsd	dkor
BA57	27	30	ye				clsd	ye
BA57	30	33	ye				clsd	ye

Basibasy Lithological Data

Hole Id	From	To	Colour	Sort	Round	grain size	Lithology	Clay_colour
BA57	33	36	orye	p	p	cvc	sd	ye
BA58	0	3	or	mw	mw	f	sd	w
BA58	3	6	or	mw	mw	f	sd	or
BA58	6	9	or	mw	mw	f	sd	or
BA58	9	12	or				clsd	or
BA58	12	15	or				clsd	or
BA58	15	18	or				clsd	or
BA58	18	21	or				clsd	or
BA58	21	24	or				clsd	or
BA58	24	27	or				clsd	or
BA58	27	30	orye				clsd	orye
BA58	30	33	orye	p	p	cvc	sd	ye
BA58	33	36	orye	p	p	cvc	sd	ye
BA58	36	39	orye				sdcl	or
BA59	0	3	orbr	w	w	f	sd	or
BA59	3	6	or	w	w	f	sd	or
BA59	6	9	or	w	w	f	sd	or
BA59	9	12	dkor	w	w	f	sd	or
BA59	12	15	dkor	w	w	f	sd	orye
BA59	15	18	orbr	w	w	f	sd	orbr
BA59	18	21	orbr				clsd	cror
BA59	21	24	pk				clsd	cr
BA59	24	27	pk				clsd	cr
BA59	27	30	pk				clsd	cr
BA59	30	33	orye	p	p	cvc	sd	ye
BA59	33	36	or				clsd	or
BA60	0	3	or	m	m	f	sd	or
BA60	3	6	or	m	m	f	sd	or
BA60	6	9	or	m	m	f	sd	or
BA60	9	12	yebr	w	w	f	sd	ye
BA60	12	15	yebr	w	w	f	sd	cror
BA60	15	18	pk	w	w	f	sd	cror
BA60	18	21	pk	w	w	f	sd	cr
BA60	21	24	or				clsd	or
BA60	24	27	or				clsd	or
BA60	27	30	or				clsd	or
BA60	30	33	or				sdcl	or
BA60	33	36	gy				cl	or
BA61	0	3	ye	m	m	f	sd	or
BA61	3	6	cr	m	m	f	sd	or
BA61	6	9	gy	m	m	f	sd	or
BA61	9	12	rd				clsd	dkor
BA61	12	15	rd				clsd	dkor
BA61	15	18	rd				clsd	dkor
BA61	18	21	rd				clsd	dkor
BA61	21	24	or				clsd	dkor
BA61	24	27	or				clsd	dkor
BA61	27	30	or	p	p	cvc	sd	orye
BA61	30	33	yeor				cl	orye
BA62	0	3	dkor	m	m	f	sd	or
BA62	3	6	dkor	m	m	f	sd	or
BA62	6	9	dkor	m	m	f	sd	or
BA62	9	12	dkor	m	m	f	sd	or
BA62	12	15	dkor	m	m	f	sd	or
BA62	15	18	dkor	m	m	f	sd	or
BA62	18	21	dkor				clsd	dkor
BA62	21	24	dkor				clsd	dkor

Basibasy Lithological Data

Hole Id	From	To	Colour	Sort	Round	grain size	Lithology	Clay_colour
BA62	24	27	rd				clsd	dkor
BA62	27	30	rd				cl/sd cl	rdbr
BA63	0	3	orrd	m	m	f	sd	dkor
BA63	3	6	orrd	m	m	f	sd	dkor
BA63	6	9	orrd	m	m	f	sd	dkor
BA63	9	12	orrd	m	m	f	sd	dkor
BA63	12	15	orrd	m	m	f	sd	dkor
BA63	15	18	orrd	m	m	f	sd	dkor
BA63	18	21	rd				clsd	dkor
BA63	21	24	rd				clsd	dkor
BA63	24	27	rd				cl/sd cl	rdbr
BA64	0	3	or	w	w	f	sd	gy
BA64	3	6	wh	w	w	f	sd	gy
BA64	6	9	wh	w	w	f	sd	gy
BA64	9	12	yebr	w	w	f	sd cl	cr
BA64	12	15	yebr	w	w	f	sd cl	cr
BA64	15	18	yecr	p	p	fc	clsd	cr
BA64	18	21	ye	p	p	fc	clsd	cr
BA64	21	24	ye				cl	ye
BA65	0	3	orye	w	w	f	sd	cr
BA65	3	6	gy	w	w	f	sd	gy
BA65	6	9	gy	w	w	f	sd	cror
BA65	9	12	gy	w	w	f	sd	cror
BA65	12	15	ye				cl	cror
BA65	15	18	ye				cl	cror
BA65	18	21	or			f	clsd	or
BA65	21	24	or			f	clsd	or
BA65	24	27	ye				cl	orye
BA65	27	30	ye				cl	ye
BA66	0	3	gy	w	w	f	sd	gy
BA66	3	6	gy	w	w	f	sd	gy
BA66	6	9	gy	w	w	f	sd	gy
BA66	9	12	gy	w	w	f	sd	or
BA66	12	15	yebr				cl	ye
BA66	15	18	yebr				cl	ye
BA66	18	21	or			f	clsd	or
BA66	21	24	or			f	clsd	or
BA66	24	27	or			f	clsd	or
BA66	27	30	or				cl	orgy
BA67	0	3	orye	w	w	f	sd	cr
BA67	3	6	orye	w	w	f	sd	cr
BA67	6	9	orye	w	w	f	sd	cr
BA67	9	12	gy	w	w	f	sd	or
BA67	12	15	gy	w	w	f	sd	or
BA67	15	18	ye	p	p	fc	clsd	ye
BA67	18	21	ye	p	p	fc	clsd	ye
BA67	21	24	yebr				sd cl	or
BA67	24	27	yebr				sd cl	or
BA67	27	30	ye				cl	ye
BA67	30	33	ye				cl	ye
BA68	0	3	or	mw	mw	f	sd	or
BA68	3	6	or	mw	mw	f	sd	or
BA68	6	9	gy	mw	mw	f	sd	cr
BA68	9	12	gy	mw	mw	f	sd	cr
BA68	12	15	gy	mw	mw	f	sd	cr
BA68	15	18	or				cl	or
BA68	18	21	or				cl	dkor

Basibasy Lithological Data

Hole Id	From	To	Colour	Sort	Round	grain size	Lithology	Clay_colour
BA68	21	24	ye	w	w	f	clsd	ye
BA68	24	27	ye	w	w	f	clsd	ye
BA68	27	30	pk	w	w	f	clsd	pkcr
BA68	30	33	pk	w	w	f	clsd	pkcr
BA68	33	36	yebr				sd cl	ye
BA68	36	39	orye	p	p	cvc	sd	ye
BA68	39	42	or				clsd	ye
BA69	0	3	gy	mw	mw	f	sd	or
BA69	3	6	gy	mw	mw	f	sd	or
BA69	6	9	gy	mw	mw	f	sd	or
BA69	9	12	pk	mw	mw	f	sd	or
BA69	12	15	orbr	mw	mw	f	sd	ye
BA69	15	18	br				cl	or
BA69	18	21	br				cl	or
BA69	21	24	pk				clsd	pk
BA69	24	27	pk				clsd	pk
BA69	27	30	pk				clsd	pk
BA69	30	33	pk				clsd	pk
BA69	33	36	pk				clsd	cr
BA69	36	39	pk				clsd	cr
BA69	39	42	rd				clsd	dkor
BA69	42	45	rd				clsd	dkor
BA69	45	48	rd				cl	dkor
BA70	0	3	wh	mw	mw	f	sd	cr
BA70	3	6	wh	mw	mw	f	sd	cr
BA70	6	9	wh	mw	mw	f	sd	cr
BA70	9	12	wh	mw	mw	f	sd	cr
BA70	12	15	wh	mw	mw	f	sd	cr
BA70	15	18	wh				clsd	wh
BA70	18	21	wh				clsd	wh
BA70	21	24	pk				clsd	pk
BA70	24	27	pk				clsd	pk
BA70	27	30	pk				clsd	pk
BA70	30	33	orrd				clsd	dkor
BA70	33	36	orrd				clsd	dkor
BA70	36	39	orrd				clsd	dkor
BA70	39	42	or				clsd	dkor
BA70	42	45	or	p	p	cvc	sd	or
BA71	0	3	wh	mw	mw	f	sd	wh
BA71	3	6	wh	mw	mw	f	sd	wh
BA71	6	9	wh	mw	mw	f	sd	wh
BA71	9	12	wh	mw	mw	f	sd	wh
BA71	12	15	wh	mw	mw	f	sd	wh
BA71	15	18	wh	mw	mw	f	sd	wh
BA71	18	21	wh	mw	mw	f	sd	wh
BA71	21	24	ye	mw	mw	f	sd	crye
BA71	24	27	or	mw	mw	f	sd	or
BA71	27	30	orrd	mw	mw	f	sd	dkor
BA71	30	33	orrd	mw	mw	f	sd	dkor
BA71	33	36	orrd	mw	mw	f	sd	dkor
BA71	36	39	orrd	mw	mw	f	sd	dkor
BA71	39	42	orrd	mw	mw	f	sd	dkor
BA71	42	45	orrd	mw	mw	f	sd	dkor
BA71	45	48	rdye				clsd	dkor
BA72	0	3	gy	mw	mw	fc	sd	wh
BA72	3	6	gy	mw	mw	fc	sd	wh
BA72	6	9	gy	mw	mw	fc	sd	wh

Basibasy Lithological Data

Hole Id	From	To	Colour	Sort	Round	grain size	Lithology	Clay_colour
BA72	9	12	gy	mw	mw	fc	sd	wh
BA72	12	15	gy	mw	mw	fc	sd	wh
BA72	15	18	gy	mw	mw	fc	sd	wh
BA72	18	21	gy				clsd	wh
BA72	21	24	pk				clsd	pk
BA72	24	27	rd				clsd	dkrd
BA72	27	30	ye				clsd	dkrd
BA72	30	33	ye				clsd	ye
BA72	33	36	ye				clsd	ye
BA72	36	39	ye				clsd	orye
BA72	39	42	orye	p	p	cvc	gt	orye
BA72	42	45	orye				cl	orye
BA73	0	3	or	mw	mw	f	sd	wh
BA73	3	6	wh	mw	mw	f	sd	wh
BA73	6	9	wh	mw	mw	f	sd	wh
BA73	9	12	or				cl	orye
BA73	12	15	or				cl	orye
BA73	15	18	orye	w	w	f	clsd	ye
BA73	18	21	orye	w	w	f	clsd	ye
BA73	21	24	gy				cl	orye
BA73	24	27	orye				cl	orye
BA74	0	3	ye	mw	mw	f	sd	cr
BA74	3	6	or	mw	mw	f	sd	cr
BA74	6	9	gy	w	w	f	sd	cr
BA74	9	12	or	w	w	f	clsd	ye
BA74	12	15	rd	w	w	f	clsd	rd
BA74	15	18	rd	w	w	f	clsd	rd
BA74	18	21	rd	w	w	f	clsd	rd
BA74	21	24	rd	w	w	f	clsd	rd
BA74	24	27	rd	w	w	f	clsd	rd
BA74	27	30	or				clsd	or
BA74	30	33	ye				clsd	or
BA74	33	36	ye				clsd	ye
BA74	36	39	orye				cl	rdye
BA75	0	3	or	mw	mw	fm	sd	cr
BA75	3	6	ye	mw	mw	fm	sd	cr
BA75	6	9	cr	mw	mw	fm	sd	cr
BA75	9	12	gy	mw	mw	fm	sd	gy
BA75	12	15	rd	w	w	f	clsd	dkor
BA75	15	18	rd	w	w	f	clsd	rd
BA75	18	21	rd	w	w	f	clsd	rd
BA75	21	24	rd	w	w	f	clsd	rd
BA75	24	27	rd	w	w	f	clsd	rd
BA75	27	30	rd	w	w	f	clsd	rd
BA75	30	33	orye				clsd	orye
BA75	33	36	orye	p	p	cvc	gt	orye
BA75	36	39	orye				clsd	orye
BA75	39	42	orye				clsd	orye
BA76	0	3	or	mw	mw	f	sd	orye
BA76	3	6	ye	mw	mw	f	sd	orye
BA76	6	9	ye	mw	mw	f	sd	orye
BA76	9	12	ye	mw	mw	f	sd	orye
BA76	12	15	or	mw	mw	f	clsd	dkor
BA76	15	18	or	mw	mw	f	clsd	dkor
BA76	18	21	or	mw	mw	f	clsd	dkor
BA76	21	24	or	mw	mw	f	clsd	dkor
BA76	24	27	or	mw	mw	f	clsd	dkor

Basibasy Lithological Data

Hole Id	From	To	Colour	Sort	Round	grain size	Lithology	Clay_colour
BA76	27	30	or	mw	mw	f	clsd	dkor
BA76	30	33	orye				clsd	ye
BA76	33	36	orye				clsd	ye
BA76	36	39	ye	p	p	cvc	gt	ye
BA77	0	3	ye	mw	mw	f	sd	dkorrd
BA77	3	6	cr	mw	mw	f	sd	dkorrd
BA77	6	9	pk	w	w	f	sd	dkorrd
BA77	9	12	rd	w	w	f	clsd	dkorrd
BA77	12	15	rd	w	w	f	clsd	dkorrd
BA77	15	18	rd	w	w	f	clsd	dkorrd
BA77	18	21	or				sd cl	dkorrd
BA77	21	24	or				sd cl	dkorrd
BA77	24	27	or				sd cl	dkorrd
BA78	0	3	ye	mw	mw	f	sd	orye
BA78	3	6	orye	mw	mw	f	sd	orye
BA78	6	9	orye	mw	mw	f	sd	orye
BA78	9	12	pk	mw	mw	f	sd	ye
BA78	12	15	orrd	mw	mw	f	clsd	or
BA78	15	18	orrd	mw	mw	f	clsd	dkor
BA78	18	21	rd	mw	mw	f	clsd	dkor
BA78	21	24	rd	mw	mw	f	clsd	dkorrd
BA78	24	27	rd	mw	mw	f	clsd	dkorrd
BA78	27	30	rd	mw	mw	f	clsd	dkorrd
BA78	30	33	orye				clsd	ye
BA78	33	36	orye				clsd	ye
BA79	0	3	or	mw	mw	f	sd	orye
BA79	3	6	or	mw	mw	f	sd	orye
BA79	6	9	ye	mw	mw	f	sd	orye
BA79	9	12	or	w	w	f	clsd	dkorrd
BA79	12	15	dkorrd	w	w	f	clsd	dkorrd
BA79	15	18	dkorrd	w	w	f	clsd	dkorrd
BA79	18	21	dkorrd	w	w	f	clsd	dkorrd
BA79	21	24	dkorrd	w	w	f	clsd	dkorrd
BA79	24	27	dkorrd	w	w	f	clsd	dkorrd
BA79	27	30	dkorrd	w	w	f	clsd	dkorrd
BA79	30	33	dkorrd	w	w	f	clsd	dkorrd
BA79	33	36	ye				clsd	ye
BA79	36	39	ye				clsd	ye
BA79	39	42	ye	p	p	cvc	gt	ye
BA80	0	3	ye	mw	mw	f	sd	cr
BA80	3	6	ye	mw	mw	f	sd	cr
BA80	6	9	ye	mw	mw	f	sd	cr
BA80	9	12	ye	mw	mw	f	sd	cr
BA80	12	15	orrd	mw	mw	f	clsd	br
BA80	15	18	orrd	mw	mw	f	clsd	dkorrd
BA80	18	21	orrd	mw	mw	f	clsd	dkorrd
BA80	21	24	orrd	mw	mw	f	clsd	dkorrd
BA80	24	27	orrd	mw	mw	f	clsd	dkorrd
BA80	27	30	orrd	mw	mw	f	clsd	dkorrd
BA80	30	33	ye				clsd	ye
BA80	33	36	ye				clsd	ye
BA80	36	39	ye	p	p	cvc	gt	ye
BA81	0	3	gy	mw	mw	f	sd	crye
BA81	3	6	ye	mw	mw	f	sd	crye
BA81	6	9	ye	mw	mw	f	sd	crye
BA81	9	12	or	w	w	f	clsd	dkorrd
BA81	12	15	or	w	w	f	clsd	dkorrd

Basibasy Lithological Data

Hole Id	From	To	Colour	Sort	Round	grain size	Lithology	Clay_colour
BA81	15	18	pk	w	w	f	clsd	or
BA81	18	21	rd	w	w	f	clsd	cror
BA81	21	24	rd	w	w	f	clsd	dkorrd
BA81	24	27	rd	w	w	f	clsd	dkorrd
BA81	27	30	rd	w	w	f	clsd	dkorrd
BA81	30	33	ye				sd	ye
BA82	0	3	wh	mw	mw	f	sd	cr
BA82	3	6	or	mw	mw	f	sd	cr
BA82	6	9	wh	mw	mw	f	sd	cr
BA82	9	12	pk	mw	mw	f	clsd	or
BA82	12	15	pk	mw	mw	f	clsd	or
BA82	15	18	gy	mw	mw	f	clsd	cror
BA82	18	21	or	mw	mw	f	clsd	dkor
BA82	21	24	or	mw	mw	f	clsd	dkor
BA82	24	27	rd	mw	mw	f	clsd	dkorrd
BA82	27	30	rd	mw	mw	f	clsd	dkorrd
BA82	30	33	or				sd	or
BA82	33	36	gy				cl	gy
BA83	0	3	gy	mw	mw	f	sd	ye
BA83	3	6	ye	mw	mw	f	sd	ye
BA83	6	9	ye	mw	mw	f	sd	ye
BA83	9	12	dkor	mw	mw	f	clsd	dkorrd
BA83	12	15	dkor	mw	mw	f	clsd	dkorrd
BA83	15	18	rd	mw	mw	f	clsd	rd
BA83	18	21	pu	mw	mw	f	clsd	pu
BA83	21	24	pu	mw	mw	f	clsd	pu
BA83	24	27	pu	mw	mw	f	clsd	pu
BA83	27	30	pu	mw	mw	f	clsd	pu
BA83	30	33	pu	mw	mw	f	clsd	pu
BA83	33	36	ye				cl	ye
BA84	0	3	ye	mw	mw	f	sd	ye
BA84	3	6	ye	mw	mw	f	sd	ye
BA84	6	9	pk	mw	mw	f	clsd	cr
BA84	9	12	pk	mw	mw	f	clsd	cror
BA84	12	15	pk	mw	mw	fm	clsd	cror
BA84	15	18	pk	mw	mw	fm	clsd	cror
BA84	18	21	gy	mw	mw	fm	clsd	cr
BA84	21	24	ye	mw	mw	fm	clsd	cr
BA84	24	27	rd	mw	mw	fm	clsd	dkorrd
BA84	27	30	rd	mw	mw	fm	clsd	dkorrd
BA84	30	33	rd				sd cl	ye
BA84	33	36	ye				sd	ye
BA85	0	3	ye	p	p	fm	sd	cr
BA85	3	6	ye	p	p	fm	sd	cr
BA85	6	9	gy	p	p	fm	sd	cr
BA85	9	12	gy	p	p	fm	sd	cr
BA85	12	15	gy	p	p	fm	sd	wh
BA85	15	18	pk	p	p	fm	clsd	pk
BA85	18	21	pk	p	p	fm	clsd	pk
BA85	21	24	pk	p	p	fm	clsd	pk
BA85	24	27	pk	p	p	fm	clsd	cr
BA85	27	30	orye	p	p	fvc	clsd	orye
BA85	30	33	ye	p	p	fvc	clsd	ye
BA85	33	36	ye				cl	ye
BA86	0	3	rd	m	m	fm	sd	or
BA86	3	6	rd	m	m	fm	sd	or
BA86	6	9	rd	m	m	fm	sd	or

Basibasy Lithological Data

Hole Id	From	To	Colour	Sort	Round	grain size	Lithology	Clay_colour
BA86	9	12	dkrd	m	m	fm	sd	dkor
BA86	12	15	dkrd	m	m	fm	sd	dkor
BA86	15	18	dkrd	m	m	fm	sd	dkor
BA86	18	21	dkrd	m	m	fm	sd	dkor
BA86	21	24	dkrd	m	m	fm	sd	or
BA86	24	27	dkrd	m	m	fm	sd	or
BA86	27	30	dkrd	m	m	fm	sd	or
BA86	30	33	or				sd cl	or
BA86	33	36	or				sd cl	or
BA86	36	39	gy				cl	or
BA86	39	42	ye				cl	or
BA86	42	45	ye				cl	or
BA86	45	48	gy				cl	or
BA87	0	3	or	m	m	fm	sd	or
BA87	3	6	or	m	m	fm	sd	or
BA87	6	9	rd	m	m	fm	sd	orrd
BA87	9	12	rd	m	m	fm	sd	orrd
BA87	12	15	or				sd cl	or
BA87	15	18	or				cl	or
BA87	18	21	or				cl	or
BA87	21	23.6	wh				lst	wh
BA87	23.6	23.7	wh				lst	wh

Basibasy Assay Data

hole_id	from	to	sample_no.	Oversize (+1mm) %	Slimes (-63um)%	HM%
BA1	1.0	3.0		15.08	6.63	4.25
BA1	3.0	6.0		0.25	4.85	5.28
BA1	6.0	9.0		0.33	8.50	5.83
BA1	9.0	12.0		17.38	32.76	1.45
BA2	0.0	2.0		0.16	5.56	2.03
BA2	2.0	4.0		2.77	6.07	2.61
BA2	4.0	6.0		0.12	6.27	3.05
BA2	6.0	8.0		0.02	2.01	3.56
BA2	8.0	10.0		0.62	11.15	2.84
BA2	10.0	12.0		3.81	29.80	1.56
BA2	12	14		4.16	32.48	1.24
BA2	14.0	16.0		0.01	2.29	1.42
BA2	16.0	18.0		0.01	3.20	0.81
BA2	18.0	20.0		0.00	4.37	6.13
BA2	20.0	22.0		0.03	2.89	9.05
BA2	22.0	24.0		0.00	5.18	10.96
BA22	0	3		0.76	33.87	1.10
BA22	3	6		1.37	27.07	1.61
BA22	6	9		1.15	28.68	2.49
BA22	9	12		2.66	8.08	1.69
BA22	12	15		2.79	1.01	2.32
BA22	15	18		2.08	7.88	1.87
BA22	18	21		1.99	11.30	1.46
BA22	21	24		2.19	9.33	1.54
BA22	24	27		2.65	11.64	1.26
BA22	27	30		27.08	17.09	0.73
BA23	0	3		0.00	2.71	2.73
BA23	3	6		0.00	43.72	1.60
BA23	6	9		0.00	6.92	2.51
BA23	9	12		0.41	13.21	1.98
BA23	12	15		1.18	10.49	2.11
BA23	15	18		1.86	14.32	2.23
BA23	18	21		1.64	15.30	2.42
BA23	21	24		2.27	7.89	1.23
BA23	24	27		16.55	12.04	1.71
BA24	0	3		0.00	2.76	1.91
BA24	3	6		0.08	3.19	1.77
BA24	6	9		0.29	9.21	2.72
BA24	9	12		1.22	8.38	3.50
BA24	12	15		0.82	8.22	2.28
BA24	15	18		1.70	11.77	1.98
BA24	18	21		1.51	9.09	2.47
BA24	21	24		1.64	11.43	3.10
BA24	24	27		23.19	11.18	2.28

Basibasy Assay Data

hole_id	from	to	sample_no.	Oversize (+1mm) %	Slimes (-63um)%	HM%
BA24	27	30		32.46	17.62	1.22
BA25	0	3		0.71	1.58	5.31
BA25	3	6		0.00	0.64	3.45
BA25	6	9		0.05	2.88	2.24
BA25	9	12		0.28	8.35	1.37
BA25	12	15		0.31	9.99	2.11
BA25	15	18		0.00	10.38	2.42
BA25	18	21		1.37	12.23	2.14
BA25	21	24		1.82	10.35	2.47
BA25	24	27		1.76	10.49	2.93
BA25	27	30		0.96	14.01	2.87
BA25	30	33		4.41	12.74	1.30
BA26	0	3		0.09	2.46	3.46
BA26	3	6		0.21	1.64	2.29
BA26	6	9		0.43	7.92	1.70
BA26	9	12		0.33	7.86	1.82
BA26	12	15		0.36	8.75	1.72
BA26	15	18		0.68	10.88	2.14
BA26	18	21		0.72	11.04	2.43
BA26	21	24		0.61	11.70	2.82
BA27	0	3		0.00	2.06	3.46
BA27	3	6		0.00	0.98	2.73
BA27	6	9		0.32	7.70	2.01
BA27	9	12		0.00	8.59	2.34
BA27	12	15		0.43	10.94	2.46
BA27	15	18		0.64	12.32	1.93
BA27	18	21		0.47	12.16	2.88
BA27	21	24		0.31	11.92	3.38
BA27	24	27		0.29	10.37	5.10
BA28	0	3		0.07	2.16	1.58
BA28	3	6		0.09	1.00	1.48
BA28	6	9		0.15	6.27	2.81
BA28	9	12		0.18	7.17	2.86
BA28	12	15		0.48	10.05	2.82
BA28	15	18		0.42	10.40	3.16
BA28	18	21		0.46	9.67	3.59
BA28	21	24		0.52	9.75	4.27
BA28	24	27		0.51	8.55	7.15
BA28	27	30		0.97	10.89	3.74
BA29	0	3		0.04	1.65	6.60
BA29	3	6		0.04	0.85	3.44
BA29	6	9		0.29	2.08	2.91
BA29	9	12		0.16	6.94	3.72
BA29	12	15		0.20	6.52	3.97

Basibasy Assay Data

hole_id	from	to	sample_no.	Oversize (+1mm) %	Slimes (-63um)%	HM%
BA29	15	18		0.43	8.28	6.06
BA29	18	21		0.65	9.15	6.46
BA29	21	24		0.53	12.55	8.00
BA29	24	27		0.46	9.52	10.03
BA29	27	30		0.18	4.83	16.92
BA29	30	33		3.28	16.25	2.88
BA3	0.0	2.0		0.15	5.05	1.86
BA3	2.0	4.0		0.78	8.26	1.87
BA3	4.0	6.0		0.00	3.63	3.29
BA3	6.0	8.0		0.00	1.75	1.15
BA3	8.0	10.0		0.02	3.78	1.13
BA3	10.0	12.0		1.63	21.78	1.46
BA3	12.0	14.0		2.22	34.05	1.83
BA3	14.0	16.0		0.30	17.90	1.25
BA3	16.0	18.0		0.13	11.66	0.73
BA3	18.0	20.0		0.01	5.52	1.46
BA3	20.0	22.0		0.00	5.38	9.78
BA3	22.0	24.0		0.11	18.52	11.25
BA3	24.0	26.0		3.32	38.57	6.05
BA30	0	3		0.00	1.56	1.52
BA30	3	6		0.13	0.88	1.53
BA30	6	9		0.30	3.60	2.58
BA30	9	12		0.21	6.30	3.39
BA30	12	15		0.33	6.96	3.49
BA30	15	18		0.37	8.58	4.47
BA30	18	21		0.72	7.75	4.82
BA30	21	24		0.39	10.13	8.20
BA30	24	27		0.08	15.61	7.44
BA30	27	30		1.37	11.64	11.45
BA31	0	3		0.15	1.36	0.83
BA31	3	6		0.23	1.82	1.35
BA31	6	9		0.21	5.52	1.89
BA31	9	12		0.41	5.87	2.04
BA31	12	15		0.43	6.52	2.64
BA31	15	18		0.71	5.99	2.85
BA31	18	21		1.07	8.04	3.59
BA31	21	24		0.00	9.56	5.41
BA31	24	27		0.37	6.27	4.81
BA31	27	30		0.91	8.80	6.56
BA31	30	33		3.85	7.28	1.93
BA32	0	3		0.76	11.35	1.46
BA32	3	6		0.15	16.01	1.68
BA32	6	9		8.71	31.28	1.16
BA32	9	12		0.64	26.08	0.58

Basibasy Assay Data

hole_id	from	to	sample_no.	Oversize (+1mm) %	Slimes (-63um)%	HM%
BA32	12	15		0.00	3.57	1.35
BA32	15	18		0.00	6.15	1.26
BA32	18	20		7.32	15.99	1.26
BA33	0	3		0.91	8.31	1.24
BA33	3	6		0.00	5.67	0.92
BA33	6	9		0.00	24.32	1.03
BA33	9	12		1.03	26.90	1.31
BA33	12	15		0.00	13.85	1.37
BA33	15	18		0.00	8.29	0.56
BA33	18	21		7.52	27.01	2.44
BA33	21	24		27.09	27.78	2.95
BA33	24	27		58.73	27.06	0.47
BA33	27	30		22.86	22.46	0.68
BA33	30	33		5.97	28.63	0.57
BA34	0	3		12.65	6.84	1.34
BA34	3	6		0.75	7.89	0.80
BA34	6	9		0.42	14.26	1.85
BA34	9	12		0.25	28.42	1.11
BA34	12	15		0.08	24.03	1.18
BA34	15	18		0.00	12.98	2.76
BA34	18	21		2.86	21.87	5.42
BA34	21	24		12.12	20.74	4.08
BA34	24	27		59.68	24.02	0.68
BA34	27	30		10.94	31.19	1.02
BA35	0	3		11.94	9.02	1.67
BA35	3	6		0.16	6.71	2.77
BA35	6	9		0.90	13.25	1.92
BA35	9	12		0.53	31.24	0.80
BA35	12	15		0.49	22.87	1.14
BA35	15	18		0.00	14.66	0.88
BA35	18	21		0.00	11.53	4.21
BA35	21	24		4.85	19.54	3.01
BA35	24	27		27.88	31.90	0.89
BA35	27	30		20.09	24.95	0.98
BA35	30	33		33.64	6.42	1.15
BA36	0	3		1.08	7.85	1.70
BA36	3	6		0.04	6.32	2.15
BA36	6	9		0.09	11.69	4.45
BA36	9	12		0.00	38.02	1.40
BA36	12	15		1.29	25.28	1.12
BA36	15	18		0.00	3.95	1.59
BA36	18	21		0.00	6.06	2.97
BA36	21	24		2.85	20.70	5.21
BA36	24	27		46.19	30.58	0.70

Basibasy Assay Data

hole_id	from	to	sample_no.	Oversize (+1mm) %	Slimes (-63um)%	HM%
BA36	27	30		12.50	30.31	0.62
BA36	30	33		8.20	17.50	1.11
BA37	0	3		0.22	6.19	1.96
BA37	3	6		0.00	4.89	2.46
BA37	6	9		0.00	2.52	1.54
BA37	9	12		1.59	28.20	1.30
BA37	12	15		5.03	36.24	1.31
BA37	15	18		0.00	10.17	0.85
BA37	18	21		0.00	10.00	3.43
BA37	21	24		4.13	17.11	5.42
BA37	24	27		30.84	36.79	2.10
BA37	27	30		21.65	39.43	0.58
BA37	30	33		9.10	30.36	1.21
BA38	0	3		0.12	5.80	1.75
BA38	3	6		0.00	5.05	2.31
BA38	6	9		2.02	0.98	1.08
BA38	9	12		1.60	21.52	1.71
BA38	12	15		1.43	27.01	1.30
BA38	15	18		0.11	18.19	1.21
BA38	18	21		0.00	8.63	4.79
BA38	21	24		0.90	17.76	7.42
BA38	24	27		31.92	38.45	1.88
BA38	27	30		19.39	30.75	0.52
BA38	30	33		2.70	14.64	0.93
BA39	0	3		0.11	5.42	1.98
BA39	3	6		0.04	4.27	3.43
BA39	6	9		0.00	1.59	1.70
BA39	9	12		2.79	19.05	1.36
BA39	12	15		13.25	30.92	0.98
BA39	15	18		2.97	8.03	1.06
BA39	18	21		0.00	3.43	4.53
BA39	21	24		0.07	6.79	6.60
BA39	24	27		24.36	16.15	5.27
BA4	0.0	2.0		0.74	5.15	1.11
BA4	2.0	4.0		1.03	4.91	1.22
BA4	4.0	6.0		0.04	5.26	1.37
BA4	6.0	8.0		0.00	4.29	2.70
BA4	8.0	10.0		0.34	9.04	2.38
BA4	10.0	12.0		4.01	26.62	1.29
BA4	12.0	14.0		8.58	29.50	1.02
BA4	14.0	16.0		0.06	3.06	0.53
BA4	16.0	18.0		0.10	7.79	1.02
BA4	18.0	20.0		0.04	10.64	4.92
BA4	20.0	22.0		5.17	18.60	4.73

Basibasy Assay Data

hole_id	from	to	sample_no.	Oversize (+1mm) %	Slimes (-63um)%	HM%
BA4	22.0	24.0		4.24	57.23	1.86
BA40	0	3		0.00	3.83	2.24
BA40	3	6		0.00	3.68	2.35
BA40	6	9		0.00	31.54	1.30
BA40	9	12		0.93	16.15	5.98
BA40	12	15		9.18	29.00	1.36
BA40	15	18		0.47	20.76	1.25
BA40	18	21		0.00	5.96	4.63
BA40	21	24		0.23	12.02	9.48
BA40	24	27		14.43	19.46	7.76
BA40	27	30		52.09	20.12	1.21
BA41	0	3		0.00	1.92	1.33
BA41	3	6		0.00	3.47	1.44
BA41	6	9		0.00	2.21	0.27
BA41	9	12		0.00	1.95	8.48
BA41	12	15		0.95	12.36	2.14
BA41	15	18		0.18	11.92	0.97
BA41	18	21		0.00	7.48	1.05
BA41	21	24		0.00	3.78	1.70
BA41	24	27		0.00	10.99	2.27
BA41	27	30		0.00	18.78	3.39
BA41	30	33		6.91	24.69	2.35
BA42	0	3		0.00	2.64	1.19
BA42	3	6		0.00	2.03	1.66
BA42	6	9		0.00	0.80	1.12
BA42	9	12		0.22	5.71	4.23
BA42	12	15		0.63	15.41	1.38
BA42	15	18		1.51	13.68	0.26
BA42	18	21		0.00	10.40	1.84
BA42	21	24		0.00	4.67	1.46
BA42	24	27		0.00	9.85	1.96
BA42	27	30		6.96	14.35	1.54
BA42	30	33		63.34	25.53	0.29
BA42	33	36		13.86	14.90	0.44
BA50	0	3	2699	0.27	10.73	1.37
BA50	3	6	2700	0.02	4.62	2.22
BA50	6	9	2701	1.32	19.65	1.41
BA50	9	12	2702	3.87	42.27	1.24
BA50	12	15	2703	1.30	52.98	0.72
BA50	15	18	2704	6.74	29.09	0.60
BA50	18	21	2705	16.44	59.70	0.32
BA50	21	24	2706	2.07	48.75	0.58
BA50	24	27	2707	1.41	20.42	1.79
BA50	27	30	2708	3.01	47.92	2.16

Basibasy Assay Data

hole_id	from	to	sample_no.	Oversize (+1mm) %	Slimes (-63um)%	HM%
BA50	30	33	2709	4.10	23.33	0.98
BA51	0	3	2710	0.10	2.41	0.84
BA51	3	6	2711	0.02	1.29	0.95
BA51	6	9	2712	0.02	1.16	1.71
BA51	9	12	2713	0.17	12.54	1.32
BA51	12	15	2714	2.00	19.94	2.31
BA51	15	18	2715	2.64	19.79	2.83
BA51	18	21	2716	1.91	9.43	2.72
BA51	21	24	2717	0.17	12.59	2.72
BA51	24	27	2718	0.31	25.34	1.54
BA51	27	30	2719	0.39	20.82	1.78
BA52	0	3	2720	0.13	2.27	0.70
BA52	3	6	2721	0.04	0.77	1.27
BA52	6	9	2722	0.03	1.39	1.22
BA52	9	12	2723	0.38	6.10	2.27
BA52	12	15	2724	0.46	11.68	1.91
BA52	15	18	2725	0.28	8.82	2.35
BA52	18	21	2726	1.98	10.41	3.52
BA52	21	24	2727	0.65	8.91	3.00
BA52	24	27	2728	0.93	13.11	4.26
BA52	27	30	2729	0.51	12.85	5.96
BA52	30	33	2730	0.67	10.50	5.06
BA52	33	36	2731	0.93	12.79	8.65
BA52	36	39	2732	0.64	12.07	12.90
BA53	0	3	2733	0.20	1.38	0.60
BA53	3	6	2734	0.10	0.79	0.53
BA53	6	9	2735	0.03	0.74	0.78
BA53	9	12	2736	0.07	4.25	1.18
BA53	12	15	2737	0.11	7.65	2.11
BA53	15	18	2738	0.30	6.65	2.14
BA53	18	21	2739	0.61	10.27	2.61
BA53	21	24	2740	1.00	10.55	2.62
BA53	24	27	2741	0.38	11.40	4.15
BA53	27	30	2742	3.31	15.56	3.44
BA53	30	33	2743	1.52	17.38	5.20
BA53	33	36	2744	0.44	15.34	4.48
BA53	36	39	2745	5.66	25.68	2.55
BA54	0	3	2746	0.26	1.47	0.52
BA54	3	6	2747	0.18	0.96	0.62
BA54	6	9	2748	0.02	0.53	0.79
BA54	9	12	2749	0.03	0.86	0.91
BA54	12	15	2750	0.21	7.65	1.67
BA54	15	18	2751	0.28	8.63	2.28
BA54	18	21	2752	0.40	8.53	2.58

Basibasy Assay Data

hole_id	from	to	sample_no.	Oversize (+1mm) %	Slimes (-63um)%	HM%
BA54	21	24	2753	0.75	10.75	3.48
BA54	24	27	2754	0.53	12.41	4.25
BA54	27	30	2755	0.46	10.83	4.12
BA54	30	33	2756	0.76	15.43	5.50
BA54	33	36	2757	0.57	15.82	6.57
BA54	36	39	2758	2.00	15.46	8.20
BA55	0	3	2759	0.48	1.14	0.31
BA55	3	6	2760	0.10	0.75	0.52
BA55	6	9	2761	0.05	1.36	1.08
BA55	9	12	2762	0.58	10.41	2.80
BA55	12	15	2763	0.17	3.03	1.31
BA55	15	18	2764	0.28	8.91	3.69
BA55	18	21	2765	0.28	8.70	1.88
BA55	21	24	2766	0.12	7.41	1.73
BA55	24	27	2767	0.21	8.79	1.89
BA55	27	30	2768	0.44	10.80	3.08
BA55	30	33	2769	0.39	11.56	4.20
BA55	33	36	2770	0.61	11.58	4.87
BA55	36	39	2771	0.35	8.96	4.59
BA55	39	42	2772	1.09	17.34	2.83
BA55	42	45	2773	2.43	14.85	4.87
BA56	0	3	2774	0.33	2.41	0.75
BA56	3	6	2775	0.10	0.96	0.33
BA56	6	9	2776	0.43	3.00	1.18
BA56	9	12	2777	0.48	7.40	2.11
BA56	12	15	2778	0.87	8.06	2.69
BA56	15	18	2779	1.54	9.98	2.30
BA56	18	21	2780	0.80	10.28	2.33
BA56	21	24	2781	0.78	10.97	2.62
BA56	24	27	2782	0.94	11.80	4.05
BA56	27	30	2783	1.06	12.76	4.74
BA56	30	33	2784	1.00	11.92	6.09
BA56	33	36	2785	6.11	21.51	3.11
BA56	36	39	2786	17.78	28.94	2.43
BA57	0	3	2787	0.11	1.53	0.76
BA57	3	6	2788	0.11	1.15	2.06
BA57	6	9	2789	0.06	2.12	1.56
BA57	9	12	2790	0.23	6.20	2.95
BA57	12	15	2791	0.35	6.20	2.32
BA57	15	18	2792	0.49	8.37	3.36
BA57	18	21	2793	0.59	9.94	4.74
BA57	21	24	2794	1.10	10.88	5.27
BA57	24	27	2795	0.33	10.09	8.18
BA57	27	30	2796	2.54	10.37	6.67

Basibasy Assay Data

hole_id	from	to	sample_no.	Oversize (+1mm) %	Slimes (-63um)%	HM%
BA57	30	33	2797	13.02	28.01	3.22
BA57	33	36	2798	40.25	49.02	1.42
BA58	0	3	2799	0.31	2.44	3.06
BA58	3	6	2800	0.09	1.88	4.22
BA58	6	9	2801	0.17	6.62	2.41
BA58	9	12	2802	0.20	8.79	2.09
BA58	12	15	2803	0.33	11.05	2.15
BA58	15	18	2804	0.40	12.64	2.63
BA58	18	21	2805	0.48	11.93	2.91
BA58	21	24	2806	0.54	12.22	2.87
BA58	24	27	2807	0.32	11.67	4.58
BA58	27	30	2808	0.61	12.51	4.83
BA58	30	33	2809	5.88	20.16	1.79
BA58	33	36	2810	2.30	19.40	1.18
BA58	36	39	2811	11.89	29.84	1.12
BA59	0	3	2812	0.10	1.93	1.95
BA59	3	6	2813	0.03	1.17	2.08
BA59	6	9	2814			
BA59	9	12	2815	0.10	9.71	1.89
BA59	12	15	2816	0.48	12.37	1.39
BA59	15	18	2817	0.51	14.22	1.45
BA59	18	21	2818	0.47	13.88	1.82
BA59	21	24	2819	0.34	14.81	1.88
BA59	24	27	2820	0.37	15.70	2.07
BA59	27	30	2821	0.55	14.98	2.17
BA59	30	33	2822	11.48	25.45	1.77
BA59	33	36	2823	5.17	23.59	2.29
BA60	0	3	2824	0.16	4.48	1.34
BA60	3	6	2825	0.09	6.72	1.90
BA60	6	9	2826	0.19	7.88	1.83
BA60	9	12	2827	0.36	10.30	1.08
BA60	12	15	2828	0.54	13.82	1.40
BA60	15	18	2829	0.45	14.26	1.40
BA60	18	21	2830	0.31	13.37	1.56
BA60	21	24	2831	0.33	12.42	1.80
BA60	24	27	2832	0.23	13.15	1.94
BA60	27	30	2833	0.27	14.34	2.23
BA60	30	33	2834	2.25	17.21	2.21
BA60	33	36	2835	4.38	25.83	1.47
BA61	0	3	2836	0.14	2.80	1.44
BA61	3	6	2837	0.15	6.11	2.06
BA61	6	9	2838	0.14	10.73	2.36
BA61	9	12	2839	0.19	14.15	2.54
BA61	12	15	2840	0.28	13.12	2.66

Basibasy Assay Data

hole_id	from	to	sample_no.	Oversize (+1mm) %	Slimes (-63um)%	HM%
BA61	15	18	2841	0.23	13.24	2.74
BA61	18	21	2842	0.22	12.57	3.55
BA61	21	24	2843	0.23	17.56	4.04
BA61	24	27	2844	1.09	20.28	3.78
BA61	27	30	2845	3.41	28.91	1.05
BA61	30	33				
BA62	0	3	2846	0.12	3.58	1.63
BA62	3	6	2847	0.08	6.67	1.93
BA62	6	9	2848	0.16	9.96	2.40
BA62	9	12	2849	0.22	11.02	2.55
BA62	12	15	2850	0.31	12.69	3.02
BA62	15	18	2851	0.28	11.11	3.46
BA62	18	21	2852	0.17	8.65	2.34
BA62	21	24	2853	0.59	15.92	2.45
BA62	24	27	2854	2.62	25.22	1.75
BA62	27	30	2855	14.53	41.97	0.91
BA63	0	3	2856	0.11	7.83	2.22
BA63	3	6	2857	0.16	10.26	2.71
BA63	6	9	2858	0.15	9.20	2.97
BA63	9	12	2859	0.50	12.88	3.54
BA63	12	15	2860	0.45	11.99	4.15
BA63	15	18	2861	0.35	11.77	4.89
BA63	18	21	2862	0.43	13.09	6.23
BA63	21	24	2863	7.67	35.42	2.70
BA63	24	27				
BA64	0	3	2864	0.23	9.29	3.38
BA64	3	6	2865	0.14	5.24	3.36
BA64	6	9	2866	1.12	12.08	7.52
BA64	9	12	2867	2.38	40.01	1.13
BA64	12	15	2868	5.70	38.75	0.52
BA64	15	18	2869	1.53	6.51	1.09
BA64	18	21	2870	0.05	5.62	1.38
BA64	21	24				
BA65	0	3	2871	0.18	4.20	0.84
BA65	3	6	2872	0.02	3.08	1.61
BA65	6	9	2873	0.00	1.27	1.05
BA65	9	12	2874	1.10	21.86	1.22
BA65	12	15	2875	3.73	35.54	0.84
BA65	15	18	2876	0.63	25.39	1.14
BA65	18	21	2877	0.06	8.16	2.48
BA65	21	24	2878	0.60	15.78	5.61
BA65	24	27				
BA65	27	30				
BA66	0	3	2879	0.25	3.96	0.86

Basibasy Assay Data

hole_id	from	to	sample_no.	Oversize (+1mm) %	Slimes (-63um)%	HM%
BA66	3	6	2880	0.09	3.27	1.30
BA66	6	9	2881	0.01	1.67	3.25
BA66	9	12	2882	0.64	8.92	4.00
BA66	12	15	2883	2.65	37.88	1.34
BA66	15	18	2884	1.72	34.98	0.95
BA66	18	21	2885	0.12	6.79	1.11
BA66	21	24	2886	0.02	5.01	3.94
BA66	24	27	2887	0.54	24.60	3.65
BA66	27	30				
BA67	0	3	2888	0.08	2.93	0.65
BA67	3	6	2889	0.04	2.62	0.59
BA67	6	9	2890	0.05	1.37	2.81
BA67	9	12	2891	0.07	4.64	8.76
BA67	12	15	2892	0.52	24.03	2.18
BA67	15	18	2893	1.15	21.54	1.28
BA67	18	21	2894	0.51	8.71	1.28
BA67	21	24	2895	0.04	10.55	2.50
BA67	24	27	2896	0.82	16.24	4.13
BA67	27	30	2897	0.28	35.32	2.17
BA67	30	33				
BA68	0	3	2898	0.05	1.15	0.28
BA68	3	6	2899	0.34	2.35	0.33
BA68	6	9	2900	0.04	2.68	0.81
BA68	9	12	2901	0.01	1.38	1.31
BA68	12	15	2902	0.01	1.45	2.68
BA68	15	18	2903	1.84	27.11	1.51
BA68	18	21	2904	6.40	40.13	1.92
BA68	21	24	2905	10.08	19.35	3.56
BA68	24	27	2906	0.06	7.17	1.61
BA68	27	30	2907	0.05	14.69	3.68
BA68	30	33	2908	0.15	11.79	2.62
BA68	33	36	2909	0.37	13.15	3.22
BA68	36	39	2910	2.10	13.80	2.85
BA68	39	42	2911	0.05	10.96	3.67
BA69	0	3	2912	0.07	1.97	0.51
BA69	3	6	2913	0.11	1.84	0.68
BA69	6	9	2914	0.04	1.40	1.09
BA69	9	12	2915	0.02	1.93	3.88
BA69	12	15	2916	1.92	16.08	2.16
BA69	15	18	2917	0.33	17.43	1.00
BA69	18	21	2918	0.31	21.90	0.93
BA69	21	24	2919	0.11	7.17	1.88
BA69	24	27	2920	0.39	5.53	1.80
BA69	27	30	2921	0.16	6.25	2.59

Basibasy Assay Data

hole_id	from	to	sample_no.	Oversize (+1mm) %	Slimes (-63um)%	HM%
BA69	30	33	2922	1.49	8.93	2.35
BA69	33	36	2923	0.88	11.66	3.13
BA69	36	39	2924	0.42	11.81	3.89
BA69	39	42	2925	0.26	9.00	4.65
BA69	42	45	2926	1.00	10.84	6.43
BA69	45	48	2927	3.19	36.94	1.80
BA70	0	3	2928	0.18	1.29	0.42
BA70	3	6	2929	0.09	0.59	1.23
BA70	6	9	2930	0.08	0.66	0.78
BA70	9	12	2931	0.00	1.35	0.37
BA70	12	15	2932	0.19	1.02	0.70
BA70	15	18	2933	0.15	7.48	1.33
BA70	18	21	2934	0.32	11.40	1.34
BA70	21	24	2935	0.21	7.34	2.08
BA70	24	27	2936	0.73	9.37	2.28
BA70	27	30	2937	0.56	9.15	2.97
BA70	30	33	2938	0.51	11.56	3.45
BA70	33	36	2939	0.63	9.33	2.93
BA70	36	39	2940	0.83	9.87	3.63
BA70	39	42	2941	1.20	9.74	3.72
BA70	42	45	2942	13.41	25.06	1.88
BA71	0	3	2943	0.40	1.17	0.32
BA71	3	6	2944	0.14	0.72	0.49
BA71	6	9	2945	0.02	1.70	0.59
BA71	9	12	2946	0.09	0.83	0.66
BA71	12	15	2947	0.12	2.23	0.75
BA71	15	18	2948	0.13	6.08	1.18
BA71	18	21	2949	0.10	4.76	1.61
BA71	21	24	2950	0.10	6.33	2.24
BA71	24	27	2951	0.06	8.32	2.43
BA71	27	30	2952	0.29	11.22	3.14
BA71	30	33	2953	0.25	12.35	3.48
BA71	33	36	2954	0.36	12.02	3.14
BA71	36	39	2955	0.33	13.57	4.00
BA71	39	42	2956	0.60	13.26	3.58
BA71	42	45	2957	2.11	17.18	3.55
BA71	45	48	2958	30.24	47.02	0.70
BA72	0	3	2959	0.38	1.98	0.31
BA72	3	6	2960	0.08	0.62	0.41
BA72	6	9	2961	0.02	0.43	0.81
BA72	9	12	2962	0.04	0.76	0.48
BA72	12	15	2963	0.11	5.15	1.50
BA72	15	18	2964	0.13	6.86	1.92
BA72	18	21	2965	0.19	6.71	1.95

Basibasy Assay Data

hole_id	from	to	sample_no.	Oversize (+1mm) %	Slimes (-63um)%	HM%
BA72	21	24	2966	0.47	9.34	2.18
BA72	24	27	2967	0.52	10.97	2.86
BA72	27	30	2968	0.56	9.81	2.77
BA72	30	33	2969	0.37	10.33	4.43
BA72	33	36	2970	0.43	12.95	5.20
BA72	36	39	2971	0.42	11.71	7.72
BA72	39	42	2972	5.25	21.91	3.55
BA72	42	45				
BA73	0	3	2973	0.19	5.49	0.93
BA73	3	6	2974	0.02	2.84	1.03
BA73	6	9	2975	0.09	4.11	1.56
BA73	9	12	2976	0.60	23.10	1.72
BA73	12	15	2977	0.78	23.28	1.70
BA73	15	18	2978	1.85	19.17	2.11
BA73	18	21	2979	0.05	7.85	3.91
BA73	21	24				
BA73	24	27				
BA74	0	3	2980	0.18	1.51	2.90
BA74	3	6	2981	0.16	1.67	2.00
BA74	6	9	2982	0.25	5.42	1.74
BA74	9	12	2983	0.12	8.83	2.72
BA74	12	15	2984	0.22	9.22	3.21
BA74	15	18	2985	0.50	10.52	4.07
BA74	18	21	2986	0.29	11.60	5.56
BA74	21	24	2987	0.34	13.38	7.96
BA74	24	27	2988	0.20	11.31	7.91
BA74	27	30	2989	0.20	6.40	11.28
BA74	30	33	2990	1.93	14.52	7.02
BA74	33	36	2991	3.69	20.16	3.35
BA74	36	39	2992	0.59	40.91	1.61
BA75	0	3	2993	0.06	1.38	2.96
BA75	3	6	2994	0.10	1.00	1.88
BA75	6	9	2995	0.08	1.51	1.31
BA75	9	12	2996	0.16	5.85	2.84
BA75	12	15	2997	0.25	4.71	3.61
BA75	15	18	2998	0.61	9.64	5.91
BA75	18	21	2999	0.51	10.01	7.76
BA75	21	24	3000	0.69	9.54	8.73
BA75	24	27	3001	0.31	7.47	20.69
BA75	27	30	3002	0.40	5.64	19.31
BA75	30	33	3003	1.82	13.86	5.24
BA75	33	36	3004	9.16	21.98	2.56
BA75	36	39	3005	23.46	31.30	1.26
BA75	39	42	3006	32.17	40.99	0.94

Basibasy Assay Data

hole_id	from	to	sample_no.	Oversize (+1mm) %	Slimes (-63um)%	HM%
BA76	0	3	3007	0.13	1.83	3.44
BA76	3	6	3008	0.05	0.96	3.15
BA76	6	9	3009	0.33	4.36	2.43
BA76	9	12	3010	0.31	7.77	2.84
BA76	12	15	3011	0.38	10.76	3.30
BA76	15	18	3012	0.51	13.08	4.25
BA76	18	21	3013	0.63	11.07	4.08
BA76	21	24	3014	0.70	13.04	4.69
BA76	24	27	3015	0.16	11.47	5.82
BA76	27	30	3016	0.53	10.54	5.60
BA76	30	33	3017	8.74	22.60	2.09
BA76	33	36	3018	7.22	19.04	1.57
BA76	36	39	3019	22.10	33.44	1.13
BA77	0	3	3020	0.54	3.37	1.08
BA77	3	6	3021	0.52	6.59	1.48
BA77	6	9	3022	0.52	10.48	2.26
BA77	9	12	3023	0.29	11.01	1.96
BA77	12	15	3024	0.11	13.83	2.04
BA77	15	18	3025	2.15	15.59	2.99
BA77	18	21	3026	0.94	37.66	1.05
BA77	21	24				
BA77	24	27				
BA78	0	3	3027	0.05	1.86	3.89
BA78	3	6	3028	0.15	1.51	2.66
BA78	6	9	3029	0.25	6.04	2.17
BA78	9	12	3030	0.12	6.89	3.41
BA78	12	15	3031	0.15	8.01	3.13
BA78	15	18	3032	0.13	5.25	3.62
BA78	18	21	3033	0.65	13.47	4.45
BA78	21	24	3034	0.35	12.18	6.31
BA78	24	27	3035	0.20	11.62	7.81
BA78	27	30	3036	0.29	7.70	11.46
BA78	30	33	3037	1.02	17.39	2.39
BA78	33	36	3038	1.20	17.02	1.68
BA79	0	3	3039	0.02	1.58	5.57
BA79	3	6	3040	0.08	0.70	2.05
BA79	6	9	3041	0.02	2.76	2.76
BA79	9	12	3042	0.26	5.80	3.41
BA79	12	15	3043	0.30	8.37	4.08
BA79	15	18	3044	0.45	9.62	5.49
BA79	18	21	3045	0.59	10.34	6.22
BA79	21	24	3046	0.67	10.10	9.11
BA79	24	27	3047	0.58	10.08	11.00
BA79	27	30	3048	0.18	3.40	19.88

Basibasy Assay Data

hole_id	from	to	sample_no.	Oversize (+1mm) %	Slimes (-63um)%	HM%
BA79	30	33	3049	1.12	8.50	14.85
BA79	33	36	3050	3.18	15.74	3.36
BA79	36	39	3051	12.10	25.21	3.29
BA79	39	42	3052	3.86	23.22	1.44
BA80	0	3	3053	0.09	1.45	2.67
BA80	3	6	3054	0.10	1.30	2.81
BA80	6	9	3055	0.09	3.72	1.45
BA80	9	12	3056	0.25	7.86	2.98
BA80	12	15	3057	0.38	9.40	4.03
BA80	15	18	3058	0.53	10.45	4.92
BA80	18	21	3059	0.28	11.69	6.77
BA80	21	24	3060	0.53	11.74	8.49
BA80	24	27	3061	0.89	10.70	9.46
BA80	27	30	3062	0.27	4.61	15.95
BA80	30	33	3063	1.57	12.37	8.30
BA80	33	36	3064	7.51	23.92	3.03
BA80	36	39	3065	10.07	3.16	0.99
BA81	0	3	3066	0.17	29.00	1.44
BA81	3	6	3067	0.12	3.92	1.56
BA81	6	9	3068	0.13	6.93	2.64
BA81	9	12	3069	4.68	12.58	3.68
BA81	12	15	3070	0.22	7.68	3.54
BA81	15	18	3071	0.73	9.65	4.23
BA81	18	21	3072	0.53	12.31	6.24
BA81	21	24	3073	0.58	11.88	8.63
BA81	24	27	3074	0.19	7.88	14.46
BA81	27	30	3075	1.01	8.58	13.10
BA81	30	33	3076	9.03	24.57	4.61
BA82	0	3	3077	0.22	1.16	1.93
BA82	3	6	3078	0.10	1.11	1.86
BA82	6	9	3079	0.16	7.33	2.32
BA82	9	12	3080	0.22	8.99	2.64
BA82	12	15	3081	0.31	9.08	3.78
BA82	15	18	3082	0.65	11.52	4.75
BA82	18	21	3083	0.95	13.90	5.01
BA82	21	24	3084	0.88	12.64	5.12
BA82	24	27	3085	1.04	12.88	7.69
BA82	27	30	3086	6.82	22.50	3.90
BA82	30	33	3087	27.54	41.37	2.10
BA82	33	36	3088	3.38	38.79	0.88
BA83	0	3	3089	0.39	1.42	1.05
BA83	3	6	3090	0.05	1.39	1.93
BA83	6	9	3091	0.16	3.94	1.88
BA83	9	12	3092	**0.19**	**6.50**	3.08

Basibasy Assay Data

hole_id	from	to	sample_no.	Oversize (+1mm) %	Slimes (-63um)%	HM%
BA83	12	15	3093	0.44	8.60	2.99
BA83	15	18	3094	0.59	10.65	3.01
BA83	18	21	3095	0.66	11.48	3.63
BA83	21	24	3096	0.35	10.81	6.71
BA83	24	27	3097	0.14	6.31	11.60
BA83	27	30	3098	1.29	12.63	8.37
BA83	30	33	3099	3.38	20.38	2.85
BA83	33	36	3100	2.24	23.33	2.16
BA84	0	3	3101	0.11	0.66	0.89
BA84	3	6	3102	0.00	3.76	0.63
BA84	6	9	3103	0.06	6.92	1.95
BA84	9	12	3104	0.14	6.31	2.15
BA84	12	15	3105	0.28	8.84	1.73
BA84	15	18	3106	0.55	11.05	1.59
BA84	18	21	3107	0.33	11.16	2.42
BA84	21	24	3108	0.32	11.97	2.90
BA84	24	27	3109	0.26	8.73	4.89
BA84	27	30	3110	0.55	11.60	4.24
BA84	30	33	3111	4.19	18.95	2.30
BA84	33	36	3112	3.24	22.94	2.12
BA85	0	3	3113	0.32	1.90	0.48
BA85	3	6	3114	0.26	1.49	0.67
BA85	6	9	3115	0.42	8.04	1.38
BA85	9	12	3116	0.48	7.26	1.63
BA85	12	15	3117	0.29	8.27	1.79
BA85	15	18	3118	0.00	9.51	2.39
BA85	18	21	3119	0.53	10.51	3.07
BA85	21	24	3120	0.07	11.65	2.45
BA85	24	27	3121	0.34	11.76	3.36
BA85	27	30	3122	0.25	8.09	1.94
BA85	30	33	3123	1.66	18.93	2.24
BA85	33	36	3124	3.86	22.04	1.20
BA86	0	3	3125	0.54	9.53	0.87
BA86	3	6	3126	0.44	10.70	1.05
BA86	6	9	3127	0.48	11.38	1.61
BA86	9	12	3128	0.36	11.22	2.86
BA86	12	15	3129	0.79	15.79	1.59
BA86	15	18	3130	0.95	18.16	1.82
BA86	18	21	3131	0.86	18.99	1.83
BA86	21	24	3132	5.24	26.68	1.27
BA86	24	27	3133	5.83	29.75	0.56
BA86	27	30	3134	6.18	31.64	0.65
BA86	30	33				
BA86	33	36				

Basibasy Assay Data

hole_id	from	to	sample_no.	Oversize (+1mm) %	Slimes (-63um)%	HM%
BA86	36	39				
BA86	39	42				
BA86	42	45				
BA86	45	48				
BA87	0	3	3135	0.25	5.54	3.02
BA87	3	6	3136	0.19	4.33	1.73
BA87	6	9	3137	1.79	13.24	1.19
BA87	9	12	3138	4.00	20.01	1.63
BA87	12	15	3139	8.37	38.51	0.79
BA87	15	18	3140	1.78	42.77	0.34
BA87	18	21	3141	7.36	58.59	0.34
BA87	21	23.6				
BA87	23.6	23.7				

Appendix 1.2 Morombe Drill Database

Morombe Collar Data

BH_ID	X UTM	Y UTM	Z GPS	eoh	Date	Drill	Geologist
1	332096	7592119	18	20	2001	aircore	P Woods
2	334057	7591581	18	12	2001	aircore	P Woods
3	335800	7590640	25	33	2001	aircore	P Woods
4	337515	7589483	39	37	2001	aircore	P Woods
5	339400	7589095	33	38	2001	aircore	P Woods
6	340690	7588688	24	29	2001	aircore	P Woods
7	346765	7600081	30	10	2001	aircore	P Woods
8	347021	7599786	24	8	2001	aircore	P Woods
9	347450	7599074	30	10	2001	aircore	P Woods
10	349494	7604474	18	17	2001	aircore	P Woods
11	349623	7604384	30	17	2001	aircore	P Woods
12	349948	7604058	21	20	2001	aircore	P Woods
13	350296	7603744	27	22	2001	aircore	P Woods
14	350658	7603400	27	20	2001	aircore	P Woods
15	337765	7598210	21	18	2001	aircore	P Woods
16	339951	7598710	21	12	2001	aircore	P Woods
17	341856	7599007	33	14	2001	aircore	P Woods
18	343557	7597015	30	10	2001	aircore	P Woods
40	7586400	342400	29	27	2005	aircore	P Woods
41	7586050	342679	35	30	2005	aircore	P Woods
42	7585178	343600	37	30	2005	aircore	P Woods
43	7584187	344800	41	30	2005	aircore	P Woods
44	7583255	346000	47	30	2005	aircore	P Woods
45	7582578	347260	53	30	2005	aircore	P Woods
46	7581620	348400	46	30	2005	aircore	P Woods
47	7580250	349430	49	30	2005	aircore	P Woods
MOR1	362620	7589970	82	6	2007	hand auger	P Woods
MOR2	362575	7590033	63	6	2007	hand auger	P Woods
MOR3	363186	7591055	85	6	2007	hand auger	P Woods
MOR4	363150	7590945	59	6	2007	hand auger	P Woods
MOR5	362980	7590745	56	1.6	2007	hand auger	P Woods
MOR6	361160	7591440	56	2.5	2007	hand auger	P Woods
MOR7	360000	7591400	50	1.7	2007	hand auger	P Woods
MOR8	359050	7592470	47	1.8	2007	hand auger	P Woods
MOR9	358000	7592910	49	1.5	2007	hand auger	P Woods
MOR10	357766	7594565	48	6	2007	hand auger	P Woods
MOR11	357910	7595425	52	6	2007	hand auger	P Woods
MOR12	357990	7595910	52	6	2007	hand auger	P Woods
MOR13	356122	7595580	50	6	2007	hand auger	P Woods
MOR14	355365	7594345	50	6	2007	hand auger	P Woods
MOR15	355492	7594360	41	4	2007	hand auger	P Woods
MOR16a	355000	7594300	40	0.5	2007	grab	P Woods
MOR16b	355000	7594300	40	0.5	2007	grab	P Woods
MOR17	357155	7590830	46	2	2007	hand auger	P Woods
07A01	352781	7592174		7	2007N	hand auger	Renee Paul
07A02	353240	7591576		6	2007N	hand auger	Renee Paul
07A03	353698	7591075		2	2007N	hand auger	Renee Paul
07A04	353349	7591544		6	2007N	hand auger	Renee Paul
07A05	351119	7589812		6	2007N	hand auger	Renee Paul
07A06	351278	7589712		6	2007N	hand auger	Renee Paul

Morombe Collar Data

BH_ID	X UTM	Y UTM	Z GPS	eoh	Date	Drill	Geologist
07A08	353980	7593212		5	2007N	hand auger	Renee Paul
07A09	354162	7593157		6	2007N	hand auger	Renee Paul
07A10	354424	7593261		5	2007N	hand auger	Renee Paul
07A11	353504	7594297		4	2007N	hand auger	Renee Paul
07A13	354256	7593459		6	2007N	hand auger	Renee Paul
07A14	354756	7593116		3	2007N	hand auger	Renee Paul
07A16	354443	7593285		6	2007N	hand auger	Renee Paul
07A17	356361	7586069		6	2007N	hand auger	Renee Paul
07A18	355869	7582983		4	2007N	hand auger	Renee Paul
07A19	365336	7593977		3	2007N	hand auger	Renee Paul
07A20	365300	7593986		6	2007N	hand auger	Renee Paul
07A21	365209	7594004		5	2007N	hand auger	Renee Paul
07A22	365083	7594000		6	2007N	hand auger	Renee Paul
07A23	365513	7594006		6	2007N	hand auger	Renee Paul
07A24	364462	7598359		6	2007N	hand auger	Renee Paul
07A25	364407	7598234		6	2007N	hand auger	Renee Paul
07A26	364276	7598053		6	2007N	hand auger	Renee Paul
07A27	364271	7597880		6	2007N	hand auger	Renee Paul
07A28	364302	7597981		6	2007N	hand auger	Renee Paul
07A29	362295	7598545		3	2007N	hand auger	Renee Paul
07A30	362286	7598431		4	2007N	hand auger	Renee Paul
07A31	362295	7598389		6	2007N	hand auger	Renee Paul
07A32	362294	7598258		6	2007N	hand auger	Renee Paul
07A33	360268	7598317		3	2007N	hand auger	Renee Paul
07A34	360293	7598242		6	2007N	hand auger	Renee Paul
07A35	360287	7598132		6	2007N	hand auger	Renee Paul
07A36	360290	7598030		6	2007N	hand auger	Renee Paul
07A37	354425	7594479		5	2007N	hand auger	Renee Paul
07A38	354139	7595583		4	2007N	hand auger	Renee Paul
07A39	353208	7596886		3	2007N	hand auger	Renee Paul
07A40	352706	7597256		4	2007N	hand auger	Renee Paul
07A41	351551	7597855		5	2007N	hand auger	Renee Paul
07A42	351012	7598326		4	2007N	hand auger	Renee Paul
07A43	349507	7601047		0.3	2007N	hand auger	Renee Paul
07A44	349937	7601854		0.3	2007N	hand auger	Renee Paul

Morombe Litholgical Data

BH-ID	From	To	Sample_ID	Colour	Sort	Round	Size	Lithology
1	0	16						sd
1	16	18						clsd
1	18	19						lst
2	0	10						sd
2	10	18						clsd
3	0	25						sd
4	0	9						sd
4	9	10						soil
4	10	24						sd
4	24	25						soil
4	25	39						sd+cl
5	0	9						sd
5	9	10						soil
5	10	24						sd
5	24	33						sd+cl
6	0	9						sd
6	9	10						soil
6	10	21						sd+cl
6	21	24						clsd
6	24	25						Fe sd
7	0	12						sd
7	12	13						clsd
7	13	29						sd+cl
7	29	30						clsd
8	0	15						sd
8	15	18						clsd
8	18	24						sd+cl
8	24	25						clsd
9	0	8						sd
9	8	30						sd+cl
9	30	31						clsd
10	0	6						sd

Morombe Litholgical Data

BH-ID	From	To	Sample_ID	Colour	Sort	Round	Size	Lithology
10	6	12						clsd
10	12	18						cl
11	0	9						sd
11	9	21						clsd
11	21	30						sd+cl
12	0	6						sd
12	6	9						sd+cl
12	9	21						clsd
13	0	12						sd
13	12	15						clsd
13	15	27						sd+cl
14	0	5						sd
14	5	27						sd+cl
15	0	14						loam
15	14	20						sd
15	20	21						lst
16	0	8						sd
16	8	19						clsd
16	19	21						cl
17	0	6						sd
17	6	21						clsd
17	21	33						sd
18	0	29						sd
18	29	30						cl
40	0	3		or	m	m	m	sd
40	3	6		or	m	m	m	sd
40	6	9		or	m	m	m	sd
40	9	12		or	m	m	m	sd
40	12	15		gy	m	m	f	sd
40	15	18		gy	m	m	f	sd
40	18	21		gy	m	m	f	sd
40	21	24		gy	m	m	f	sd

Morombe Litholgical Data

BH-ID	From	To	Sample_ID	Colour	Sort	Round	Size	Lithology
40	24	27		gy	m	m	f	sd
41	0	3		or	m	m	m	sd
41	3	6		or	m	m	m	sd
41	6	9		or	m	m	m	sd
41	9	12		or	m	m	m	sd
41	12	15		gy	w	w	f	sd
41	15	18		gy	w	w	f	sd
41	18	21		gy	w	w	f	sd
41	21	24		gy	w	w	f	clsd
41	24	27		gy	w	w	f	clsd
41	27	30		gy	w	w	f	sd
42	0	3		wh	m	m	m	sd
42	3	6		wh	m	m	m	sd
42	6	9		wh	m	m	m	sd
42	9	12		wh	m	m	m	sd
42	12	15		gy	w	w	f	sd
42	15	18		gy	w	w	f	sd
42	18	21		gy	w	w	f	sd
42	21	24		gy	w	w	f	sd
42	24	27		gy	w	w	f	sd
42	27	30		gy	w	w	f	sd
43	0	3		gy	m	m	fm	sd
43	3	6		or	m	m	fm	sd
43	6	9		or	m	m	fm	sd
43	9	12		or	m	m	fm	sd
43	12	15		or	w	w	f	sd
43	15	18		or	w	w	f	sd
43	18	21		or	w	w	f	sd
43	21	24		or	w	w	f	sd
43	24	27		or	w	w	f	sd
43	27	30		or	w	w	f	sd
44	0	3		wh	m	m	m	sd

Morombe Litholgical Data

BH-ID	From	To	Sample_ID	Colour	Sort	Round	Size	Lithology
44	3	6		wh	m	m	m	sd
44	6	9		br	m	m	m	sd
44	9	12		br	m	m	m	sd
44	12	15		ye	m	m	f	sd
44	15	18		ye	m	m	f	sd
44	18	21		ye	m	m	f	sd
44	21	24		ye	m	m	f	sd
44	24	27		ye	m	m	f	sd
44	27	30		orrd	m	m	f	sd
45	0	3		ye	w	w	f	sd
45	3	6		ye	w	w	f	sd
45	6	9		ye	w	w	f	sd
45	9	12		ye	w	w	f	sd
45	12	15		gy	w	w	f	sd
45	15	18		gy	w	w	f	sd
45	18	21		gy	w	w	f	sd
45	21	24		gy	w	w	f	sd
45	24	27		gy	w	w	f	sd
45	27	30		gy	w	w	f	sd
46	0	3		gy	w	w	f	sd
46	3	6		gy	w	w	f	sd
46	6	9		gy	w	w	f	sd
46	9	12		gy	w	w	f	sd
46	12	15		gy	w	w	f	sd
46	15	18		gy	w	w	f	sd
46	18	21		gy	w	w	f	sd
46	21	24		gy	w	w	f	sd
46	24	27		gy	w	w	f	sd
46	27	30		yebr				cl
47	0	3		br	w	w	f	sd
47	3	6		gy	w	w	f	sd
47	6	9		gy	w	w	f	sd

Morombe Litholgical Data

BH-ID	From	To	Sample_ID	Colour	Sort	Round	Size	Lithology
47	9	12		gy	w	w	f	sd
47	12	15		gy	w	w	f	sd
47	15	18		gy	w	w	f	sd
47	18	21		gy	w	w	f	sd
47	21	24		gy	w	w	f	sd
47	24	27		ye	w	w	f	sd
47	27	30		ye	w	w	f	sd
MOR1	0	6		w				sd
MOR2	0	6		w				sd
MOR3	0	6		wy				sd
MOR4	0	6		wy				sd
MOR5	1	1.6		wy				sd
MOR6	0	1.5		w				sd
MOR6	1.5	2.5		y				sd
MOR7	1	1.7		y				sd
MOR8	1	1.8		y				sd
MOR9	0	1.5		ybr				sd
MOR10	0	3		y				sd
MOR10	3	6		ybr				sd
MOR11	0	3		or				sd
MOR11	3	6		0r				sdsi
MOR12	0	5		0r				sd
MOR12	5	6		or				sdsi
MOR13	0	6		w				sd
MOR14	0	6		wy				sd
MOR15	0	4		wy				sd
MOR16a	0	0.5		w				sd
MOR16b	0	0.5		w				sd
MOR17	0	2		w				sd
07A01	0	1	07A01 - 0-1					sd
07A01	1	2	07A01 - 1-2					sd
07A01	2	3	07A01 - 2-3					sd

Morombe Litholgical Data

BH-ID	From	To	Sample_ID	Colour	Sort	Round	Size	Lithology
07A01	3	4	07A01 - 3-4					sd
07A01	4	5	07A01 - 4-5					sd
07A01	5	6	07A01 - 5-6					sd
07A01	6	7	07A01 - 6-7					sd
07A02	0	1	07A02 - 0-1					sd
07A02	1	2	07A02 - 1-2					sd
07A02	2	3	07A02 - 2-3					sd
07A02	3	4	07A02 - 3-4					sd
07A02	4	5	07A02 - 4-5					sd
07A02	5	6	07A02 - 5-6					sd
07A03	0	1	07A03 - 0-1					sd
07A03	1	2	07A03 - 1-2					sd
07A04	0	1	07A04 - 0-1					sd
07A04	1	2	07A04 - 1-2					sd
07A04	2	3	07A04 - 2-3					sd
07A04	3	4	07A04 - 3-4					sd
07A04	4	5	07A04 - 4-5					sd
07A04	5	6	07A04 - 5-6					sd
07A05	0	1	07A05 - 0-1					sd
07A05	1	2	07A05 - 1-2					sd
07A05	2	3	07A05 - 2-3					sd
07A05	3	4	07A05 - 3-4					sd
07A05	4	5	07A05 - 4-5					sd
07A05	5	6	07A05 - 5-6					sd
07A06	0	1	07A06 - 0-1					sd
07A06	1	2	07A06 - 1-2					sd
07A06	2	3	07A06 - 2-3					sd
07A06	3	4	07A06 - 3-4					sd
07A06	4	5	07A06 - 4-5					sd
07A06	5	6	07A06 - 5-6					sd
07A08	0	1	07A08 - 0-1					sd
07A08	1	2	07A08 - 1-2					sd

Morombe Litholgical Data

BH-ID	From	To	Sample_ID	Colour	Sort	Round	Size	Lithology
07A08	2	3	07A08 - 2-3					sd
07A08	3	4	07A08 - 3-4					sd
07A08	4	5	07A08 - 4-5					sd
07A09	0	1	07A09 - 0-1					sd
07A09	1	2	07A09 - 1-2					sd
07A09	2	3	07A09 - 2-3					sd
07A09	3	4	07A09 - 3-4					sd
07A09	4	5	07A09 - 4-5					sd
07A09	5	6	07A09 - 5-6					sd
07A10	0	1	07A10 - 0-1					sd
07A10	1	2	07A10 - 1-2					sd
07A10	2	3	07A10 - 2-3					sd
07A10	3	4	07A10 - 3-4					sd
07A10	4	5	07A10 - 4-5					sd
07A11	0	1	07A11 - 0-1					sd
07A11	1	2	07A11 - 1-2					sd
07A11	2	3	07A11 - 2-3					sd
07A11	3	4	07A11 - 3-4					sd
07A13	0	1	07A13 - 0-1					sd
07A13	1	2	07A13 - 1-2					sd
07A13	2	3	07A13 - 2-3					sd
07A13	3	4	07A13 - 3-4					sd
07A13	4	5	07A13 - 4-5					sd
07A13	5	6	07A13 - 5-6					sd
07A14	0	1	07A14 - 0-1					sd
07A14	1	2	07A14 - 1-2					sd
07A14	2	3	07A14 - 2-3					sd
07A16	0	1	07A16 - 0-1					sd
07A16	1	2	07A16 - 1-2					sd
07A16	2	3	07A16 - 2-3					sd
07A16	3	4	07A16 - 3-4					sd
07A16	4	5	07A16 - 4-5					sd

Morombe Litholgical Data

BH-ID	From	To	Sample_ID	Colour	Sort	Round	Size	Lithology
07A16	5	6	07A16 - 5-6					sdsi
07A17	0	1	07A17 - 0-1					sd
07A17	1	2	07A17 - 1-2					sd
07A17	2	3	07A17 - 2-3					sd
07A17	3	4	07A17 - 3-4					sd
07A17	4	5	07A17 - 4-5					sd
07A17	5	6	07A17 - 5-6					sd
07A18	0	1	07A18 - 0-1					sd
07A18	1	2	07A18 - 1-2					sd
07A18	2	3	07A18 - 2-3					sd
07A18	3	4	07A18 - 3-4					sd
07A19	0	1	07A19 - 0-1					sd
07A19	1	2	07A19 - 1-2					sd
07A19	2	3	07A19 - 2-3					sd
07A20	0	1	07A20 - 0-1					sd
07A20	1	2	07A20 - 1-2					sd
07A20	2	3	07A20 - 2-3					sd
07A20	3	4	07A20 - 3-4					sd
07A20	4	5	07A20 - 4-5					sd
07A20	5	6	07A20 - 5-6					sd
07A21	0	1	07A21 - 0-1					sd
07A21	1	2	07A21 - 1-2					sd
07A21	2	3	07A21 - 2-3					sd
07A21	3	4	07A21 - 3-4					sd
07A21	4	5	07A21 - 4-5					sd
07A21	5	6	07A21 - 5-6					sd
07A22	0	1	07A22 - 0-1					sd
07A22	1	2	07A22 - 1-2					sd
07A22	2	3	07A22 - 2-3					sd
07A22	3	4	07A22 - 3-4					sd
07A22	4	5	07A22 - 4-5					sd
07A22	5	6	07A22 - 5-6					sd

Morombe Litholgical Data

BH-ID	From	To	Sample_ID	Colour	Sort	Round	Size	Lithology
07A23	0	1	07A23 - 0-1					sd
07A23	1	2	07A23 - 1-2					sdcl
07A23	2	3	07A23 - 2-3					sdcl
07A23	3	4	07A23 - 3-4					sdcl
07A23	4	5	07A23 - 4-5					sdcl
07A23	5	6	07A23 - 5-6					sdcl
07A24	0	1	07A24 - 0-1					sd
07A24	1	2	07A24 - 1-2					sd
07A24	2	3	07A24 - 2-3					sd
07A24	3	4	07A24 - 3-4					sd
07A24	4	5	07A24 - 4-5					sd
07A24	5	6	07A24 - 5-6					sd
07A25	0	1	07A25 - 0-1					sd
07A25	1	2	07A25 - 1-2					sd
07A25	2	3	07A25 - 2-3					sd
07A25	3	4	07A25 - 3-4					sd
07A25	4	5	07A25 - 4-5					sd
07A25	5	6	07A25 - 5-6					sd
07A26	0	1	07A26 - 0-1					sd
07A26	1	2	07A26 - 1-2					sd
07A26	2	3	07A26 - 2-3					sd
07A26	3	4	07A26 - 3-4					sd
07A26	4	5	07A26 - 4-5					sd
07A26	5	6	07A26 - 5-6					sdsi
07A27	0	1	07A27 - 0-1					sd
07A27	1	2	07A27 - 1-2					sd
07A27	2	3	07A27 - 2-3					sd
07A27	3	4	07A27 - 3-4					sd
07A27	4	5	07A27 - 4-5					sd
07A27	5	6	07A27 - 5-6					sdsi
07A28	0	1	07A28 - 0-1					sd
07A28	1	2	07A28 - 1-2					sd

Morombe Litholgical Data

BH-ID	From	To	Sample_ID	Colour	Sort	Round	Size	Lithology
07A28	2	3	07A28 - 2-3					sd
07A28	3	4	07A28 - 3-4					sd
07A28	4	5	07A28 - 4-5					sd
07A28	5	6	07A28 - 5-6					sd
07A29	0	1	07A29 - 0-1					sdsi
07A29	1	2	07A29 - 1-2					sd
07A29	2	3	07A29 - 2-3					sd
07A30	0	1	07A30 - 0-1					sd
07A30	1	2	07A30 - 1-2					sd
07A30	2	3	07A30 - 2-3					sd
07A30	3	4	07A30 - 3-4					sd
07A31	0	1	07A31 - 0-1					sd
07A31	1	2	07A31 - 1-2					sd
07A31	2	3	07A31 - 2-3					sd
07A31	3	4	07A31 - 3-4					sd
07A31	4	5	07A31 - 4-5					sd
07A31	5	6	07A31 - 5-6					sd
07A32	0	1	07A32 - 0-1					sd
07A32	1	2	07A32 - 1-2					sd
07A32	2	3	07A32 - 2-3					sd
07A32	3	4	07A32 - 3-4					sd
07A32	4	5	07A32 - 4-5					sd
07A32	5	6	07A32 - 5-6					sd
07A33	0	1	07A33 - 0-1					sdsi
07A33	1	2	07A33 - 1-2					sdsi
07A33	2	3	07A33 - 2-3					sdsi
07A34	0	1	07A34 - 0-1					sd
07A34	1	2	07A34 - 1-2					sd
07A34	2	3	07A34 - 2-3					sd
07A34	3	4	07A34 - 3-4					sd
07A34	4	5	07A34 - 4-5					sd
07A34	5	6	07A34 - 5-6					sd

Morombe Litholgical Data

BH-ID	From	To	Sample_ID	Colour	Sort	Round	Size	Lithology
07A35	0	1	07A35 - 0-1					sd
07A35	1	2	07A35 - 1-2					sd
07A35	2	3	07A35 - 2-3					sd
07A35	3	4	07A35 - 3-4					sd
07A35	4	5	07A35 - 4-5					sd
07A35	5	6	07A35 - 5-6					sd
07A36	0	1	07A36 - 0-1					sd
07A36	1	2	07A36 - 1-2					sd
07A36	2	3	07A36 - 2-3					sd
07A36	3	4	07A36 - 3-4					sd
07A36	4	5	07A36 - 4-5					sd
07A36	5	6	07A36 - 5-6					sd
07A37	0	1	07A37 - 0-1					sd
07A37	1	2	07A37 - 1-2					sd
07A37	2	3	07A37 - 2-3					sd
07A37	3	4	07A37 - 3-4					sd
07A37	4	5	07A37 - 4-5					sd
07A38	0	1	07A38 - 0-1					sd
07A38	1	2	07A38 - 1-2					sd
07A38	2	3	07A38 - 2-3					sd
07A38	3	4	07A38 - 3-4					sd
07A39	0	1	07A39 - 0-1					sd
07A39	1	2	07A39 - 1-2					sd
07A39	2	3	07A39 - 2-3					sd
07A40	0	1	07A40 - 0-1					sd
07A40	1	2	07A40 - 1-2					sd
07A40	2	3	07A40 - 2-3					sd
07A40	3	4	07A40 - 3-4					sd
07A41	0	1	07A41 - 0-1					sd
07A41	1	2	07A41 - 1-2					sd
07A41	2	3	07A41 - 2-3					sd
07A41	3	4	07A41 - 3-4					sd

Morombe Litholgical Data

BH-ID	From	To	Sample_ID	Colour	Sort	Round	Size	Lithology
07A41	4	5	07A41 - 4-5					sd
07A42	0	1	07A42 - 0-1					sd
07A42	1	2	07A42 - 1-2					sd
07A42	2	3	07A42 - 2-3					sd
07A42	3	4	07A42 - 3-4					sd
07A43	0	0.3	07A43 - SUP					sd
07A44	0	0.3	07A44 - SUP					sd

Morombe Assay Data

BH_ID	From	To	Sample_ID	Ovz %	SLIMES %	HM%
1	12.0	15.0		0.05	1.09	0.81
1	15.0	18.0		2.26	7.40	0.58
2	9.0	12.0		0.41	7.01	0.94
2	12.0	15.0		0.84	7.99	1.02
2	15.0	18.0		5.10	7.34	1.05
3	1.0	3.0		0.06	10.26	0.79
3	3.0	6.0		0.08	1.42	1.27
3	6.0	9.0		0.03	2.26	2.56
4	1.0	3.0		0.07	1.20	0.51
4	3.0	6.0		0.08	1.39	0.85
4	6.0	9.0		0.07	1.78	1.31
4	9.0	12.0		0.22	3.41	0.93
4	12.0	15.0		1.28	5.64	1.80
4	15.0	18.0		0.02	8.70	1.52
4	18.0	21.0		0.02	7.51	1.61
4	21.0	24.0		0.05	6.76	1.46
4	24.0	27.0		0.03	4.86	1.25
4	27.0	30.0		0.00	5.93	2.88
4	30.0	33.0		0.04	5.48	3.07
4	33.0	36.0		0.09	4.62	1.83
4	36.0	39.0		0.01	2.78	1.42
6	1.0	3.0		0.06	1.99	0.82
6	3.0	6.0		0.01	3.65	1.55
6	6.0	9.0		0.01	2.41	2.72
6	9.0	12.0		0.03	6.42	1.86
6	12.0	15.0		0.24	4.68	1.59
6	15.0	18.0		0.69	5.84	0.52
6	18.0	21.0		0.04	7.25	0.37
7	0.0	3.0		0.03	1.99	4.25
7	3.0	6.0		0.02	1.43	3.53
7	6.0	9.0		0.06	1.04	2.61
7	9.0	12.0		0.04	1.21	1.68
7	12.0	15.0		0.81	4.09	1.38
7	15.0	18.0		0.26	0.97	0.44
7	18.0	21.0		0.02	1.10	0.53
7	21.0	24.0		0.03	2.12	0.91
7	24.0	27.0		0.00	2.16	1.77
7	27.0	30.0		0.00	8.81	0.62
8	0.0	3.0		0.04	2.12	0.90
8	3.0	6.0		0.00	1.92	1.44
8	6.0	9.0		0.00	1.44	2.09
8	9.0	12.0		0.00	0.68	0.51
8	9.0	12R		0.00	0.54	0.49
8	12.0	15.0		0.06	1.63	0.77

Morombe Assay Data

BH_ID	From	To	Sample_ID	Ovz %	SLIMES %	HM%
8	15.0	18.0		0.00	2.44	1.12
8	18.0	21.0		0.58	1.97	0.71
8	21.0	24.0		0.13	9.81	1.32
9	0.0	3.0		0.00	0.88	0.82
9	3.0	6.0		0.00	0.67	1.25
9	6.0	9.0		0.00	0.71	1.06
9	9.0	12.0		0.00	0.85	2.14
9	12.0	15.0		0.00	2.07	1.26
9	15.0	18.0		0.00	1.60	1.11
9	18.0	21.0		0.05	2.22	0.66
9	21.0	24.0		0.00	2.13	0.97
9	24.0	27.0		0.00	1.51	0.90
9	27.0	30.0		0.00	2.15	1.19
10	0.0	3.0		0.07	13.31	6.15
10	3.0	6.0		0.19	16.29	7.17
10	6.0	9.0		7.53	28.94	2.74
10	9.0	12.0		1.49	58.59	0.50
11	0.0	3.0		0.13	8.26	2.95
11	3.0	6.0		0.04	4.48	3.62
11	6.0	9.0		0.00	2.09	2.35
11	9.0	12.0		4.82	13.75	1.20
11	12.0	15.0		12.04	20.91	0.48
11	15.0	18.0		1.24	16.08	0.86
11	18.0	21.0		0.44	10.23	0.79
11	21.0	24.0		0.05	4.85	0.60
11	24.0	27.0		0.05	8.09	0.77
11	27.0	30.0		0.02	7.42	1.28
12	0.0	3.0		0.05	2.69	0.66
12	3.0	6.0		0.05	2.99	0.95
12	6.0	9.0		0.02	1.51	0.99
12	9.0	12.0		0.13	9.47	1.41
12	12.0	15.0		0.04	7.35	1.08
12	15.0	18.0		0.10	8.88	1.33
12	18.0	21.0		0.02	9.41	1.56
13	0.0	3.0		0.12	2.08	1.12
13	3.0	6.0		0.04	2.06	1.62
13	6.0	9.0		0.07	5.39	1.96
13	9.0	12.0		0.00	4.48	1.48
13	12.0	15.0		0.02	6.02	1.81
13	15.0	18.0		0.00	3.58	1.47
13	18.0	21.0		0.00	5.80	2.12
13	21.0	24.0		0.00	2.75	1.55
13	24.0	27.0		0.00	3.59	1.48
14	0.0	3.0		0.00	2.07	1.40

Morombe Assay Data

BH_ID	From	To	Sample_ID	Ovz %	SLIMES %	HM%
14	3.0	6.0		1.12	4.07	1.93
14	6.0	9.0		0.12	5.82	0.84
14	9.0	12.0		0.17	18.30	1.07
14	12.0	15.0		0.06	7.79	1.35
14	15.0	18.0		0.04	4.63	1.36
14	18.0	21.0		0.00	4.10	1.02
14	21.0	24.0		0.00	4.87	2.36
14	24.0	27.0		0.00	4.94	1.35
15	0.0	3.0		0.00	5.78	1.43
15	3.0	6.0		0.11	5.17	1.67
15	6.0	9.0		0.00	7.86	1.27
15	9.0	12.0		0.00	6.99	1.23
15	12.0	15.0		1.11	4.11	0.64
15	15.0	18.0		3.41	5.15	0.33
15	18.0	21.0		0.08	1.88	0.93
16	0.0	3.0		0.11	2.17	1.39
16	3.0	6.0		0.06	3.76	1.59
16	6.0	9.0		0.06	2.16	1.76
16	9.0	12.0		0.00	1.43	5.76
16	12.0	15.0		0.07	1.28	4.31
16	15.0	18.0		0.22	2.45	6.90
16	18.0	21.0		0.04	7.37	1.58
17	0.0	3.0		0.03	7.90	1.42
17	3.0	6.0		0.00	2.54	2.96
17	6.0	9.0		0.00	1.38	1.26
17	9.0	12.0		0.00	8.99	0.67
17	12.0	15.0		0.07	14.24	0.48
17	15.0	18.0		0.10	6.15	1.09
17	18.0	21.0		0.10	5.89	1.07
17	21.0	24.0		0.21	8.18	0.89
17	24.0	27.0		0.32	6.54	0.79
18	0.0	3.0		0.00	0.81	2.41
18	3.0	6.0		0.00	0.29	1.12
18	6.0	9.0		0.00	0.53	2.70
18	9.0	12.0		0.00	2.46	3.06
18	12.0	15.0		0.00	0.59	2.15
18	15.0	18.0		0.00	1.11	2.05
18	18.0	21.0		0.00	4.29	0.96
18	21.0	24.0		0.00	0.86	0.50
18	24.0	27.0		0.00	0.73	2.09
18	27.0	30.0		0.02	9.55	1.66
40	0	3		0.00	0.58	1.93
40	3	6		0.02	0.10	0.90
40	6	9		0.00	0.42	1.31

Morombe Assay Data

BH_ID	From	To	Sample_ID	Ovz %	SLIMES %	HM%
40	9	12		0.00	2.01	0.27
40	12	15		0.09	0.00	1.03
40	15	18		0.00	2.25	0.94
40	18	21		0.19	1.55	0.92
40	21	24		0.25	3.85	4.72
40	24	27		0.07	2.35	2.01
41	0	3		0.03	0.29	0.88
41	3	6		0.03	0.65	0.42
41	6	9		0.05	2.60	1.05
41	9	12		0.09	1.50	1.17
41	12	15		0.04	2.66	2.02
41	15	18		0.05	4.83	1.75
41	18	21		0.08	10.36	1.24
41	21	24		0.10	10.73	1.09
41	24	27		0.61	6.37	1.30
41	27	30		0.73	8.69	1.60
42	0	3		0.01	0.30	0.61
42	3	6		0.03	0.31	1.17
42	6	9		0.03	0.24	0.54
42	9	12		0.01	1.41	1.13
42	12	15		0.02	4.78	1.58
42	15	18		0.05	1.79	1.38
42	18	21		0.00	1.11	2.43
42	21	24		0.11	4.07	2.12
42	24	27		0.57	6.70	1.98
42	27	30		0.95	5.81	0.61
43	0	3		0.28	0.45	0.75
43	3	6		0.03	0.12	0.35
43	6	9		0.00	0.29	0.32
43	9	12		0.61	1.22	1.40
43	12	15		0.05	0.53	0.70
43	15	18		0.17	1.80	1.62
43	18	21		0.04	0.22	1.40
43	21	24		0.12	0.30	1.13
43	24	27		0.09	0.05	0.90
43	27	30		0.40	1.54	1.12
44	0	3		0.02	0.44	0.67
44	3	6		0.00	-0.01	0.21
44	6	9		0.05	0.84	0.59
44	9	12		0.53	2.54	1.62
44	12	15		0.00	1.76	1.95
44	15	18		0.05	1.09	1.73
44	18	21		0.00	0.46	1.63
44	21	24		0.00	0.87	1.29

Morombe Assay Data

BH_ID	From	To	Sample_ID	Ovz %	SLIMES %	HM%
44	24	27		0.00	0.40	0.61
44	27	30		0.00	0.57	1.74
45	0	3		0.07	0.26	0.91
45	3	6		0.00	0.07	0.54
45	6	9		0.00	0.22	0.24
45	9	12		0.00	0.28	0.50
45	12	15		0.01	0.30	1.61
45	15	18		0.01	1.25	1.20
45	18	21		0.01	3.69	1.70
45	21	24		0.03	1.71	0.81
45	24	27		0.06	1.40	1.04
45	27	30		0.07	0.49	0.94
46	0	3		0.03	0.03	0.42
46	3	6		0.02	0.01	0.49
46	6	9		0.01	0.32	1.08
46	9	12		0.00	0.50	0.72
46	12	15		0.00	0.51	0.43
46	15	18		0.02	0.41	0.46
46	18	21		0.10	0.43	1.00
46	21	24		0.06	0.26	0.29
46	24	27		0.26	3.09	1.31
46	27	30		0.43	2.46	0.77
47	0	3		0.46	0.62	1.05
47	3	6		0.00	0.38	0.96
47	6	9		0.00	0.41	0.47
47	9	12		0.00	0.18	0.20
47	12	15		0.06	0.99	1.17
47	15	18		0.06	0.29	1.00
47	18	21		0.01	0.49	1.82
47	21	24		0.01	0.11	0.41
47	24	27		0.02	0.03	0.19
47	27	30		3.06	3.60	0.92
MOR1	0	1	EXP_070705_1300_1	0.01	0.22	2.85
MOR1	1	2	EXP_070705_1300_2	0.00	0.25	4.59
MOR1	2	3	EXP_070705_1300_3	0.00	0.31	3.36
MOR1	3	4	EXP_070705_1300_4	0.01	0.25	2.95
MOR1	4	5	EXP_070705_1300_5	0.03	0.22	3.66
MOR1	5	6	EXP_070705_1300_6	0.01	0.16	2.17
MOR2	0	1	EXP_070705_1300_7	0.05	0.44	0.99
MOR2	1	2	EXP_070705_1300_8	0.02	0.19	1.13
MOR2	2	3	EXP_070705_1300_9	0.02	0.21	0.70
MOR2	3	4	EXP_070705_1300_10	0.00	0.21	2.48
MOR2	4	5	EXP_070705_1300_11	0.01	0.17	1.21
MOR2	5	6	EXP_070705_1300_12	0.01	0.27	3.29

Morombe Assay Data

BH_ID	From	To	Sample_ID	Ovz %	SLIMES %	HM%
MOR3	0	1	EXP_070705_1300_13	0.04	0.29	3.60
MOR3	1	2	EXP_070705_1300_14	0.02	0.32	2.14
MOR3	2	3	EXP_070705_1300_15	0.00	0.16	2.10
MOR3	3	4	EXP_070705_1300_16	0.01	0.19	1.26
MOR3	4	5	EXP_070705_1300_17	0.00	0.15	0.86
MOR3	5	6	EXP_070705_1300_18	0.01	0.22	2.61
MOR4	0	1	EXP_070705_1300_20	0.16	0.74	3.66
MOR4	1	2	EXP_070705_1300_21	0.01	0.54	2.45
MOR4	2	3	EXP_070705_1300_22	0.03	0.25	2.35
MOR4	3	4	EXP_070705_1300_23	0.01	0.18	1.87
MOR4	4	5	EXP_070705_1300_24	0.00	0.12	1.15
MOR4	5	6	EXP_070705_1300_25	0.00	0.22	0.79
MOR5	0	1	EXP_070705_1300_26	0.02	0.54	1.52
MOR5	1	1.6	EXP_070705_1300_27	0.02	0.43	1.85
MOR6	0	1	EXP_070705_1300_28	0.02	0.77	1.40
MOR6	1	2	EXP_070705_1300_29	0.01	0.51	1.59
MOR6	2	2.5	EXP_070705_1300_30	0.00	0.33	1.21
MOR7	0	1	EXP_070705_1300_31	0.03	0.86	1.35
MOR7	1	1.7	EXP_070705_1300_32	0.04	0.73	1.10
MOR8	0	1	EXP_070705_1300_33	0.03	0.94	1.56
MOR8	1	1.8	EXP_070705_1300_34	0.00	1.22	2.05
MOR9	0	1	EXP_070705_1300_35	0.01	0.65	1.37
MOR9	1	1.5	EXP_070705_1300_36	0.01	0.51	1.67
MOR10	0	1	EXP_070705_1300_38	0.01	0.57	1.48
MOR10	1	2	EXP_070705_1300_39	0.01	0.48	0.95
MOR10	2	3	EXP_070705_1300_40	0.01	0.51	1.11
MOR10	3	4	EXP_070705_1300_41	0.01	0.54	0.91
MOR10	4	5	EXP_070705_1300_42	0.02	0.40	1.19
MOR10	5	6	EXP_070705_1300_43	0.01	0.74	1.24
MOR11	0	1	EXP_070705_1300_44	0.02	0.90	1.36
MOR11	1	2	EXP_070705_1300_45	0.03	1.23	1.70
MOR11	2	3	EXP_070705_1300_46	0.05	0.76	0.53
MOR11	3	4	EXP_070705_1300_47	0.04	1.05	0.97
MOR11	4	5	EXP_070705_1300_48	0.02	0.72	0.42
MOR11	5	6	EXP_070705_1300_49	0.10	2.76	1.03
MOR12	0	1	EXP_070705_1300_50	0.05	1.22	1.06
MOR12	1	2	EXP_070705_1300_51	0.08	1.35	1.00
MOR12	2	3	EXP_070705_1300_52	0.10	2.14	1.18
MOR12	3	4	EXP_070705_1300_53	0.05	1.19	1.60
MOR12	4	5	EXP_070705_1300_54	1.04	5.08	1.09
MOR12	5	6	EXP_070705_1300_55	0.18	6.80	1.59
MOR13	0	1	EXP_070705_1300_57	0.04	0.26	3.55
MOR13	1	2	EXP_070705_1300_58	0.05	0.58	3.91
MOR13	2	3	EXP_070705_1300_59	0.00	0.23	3.25

Morombe Assay Data

BH_ID	From	To	Sample_ID	Ovz %	SLIMES %	HM%
MOR13	3	4	EXP_070705_1300_60	0.00	0.24	4.03
MOR13	4	5	EXP_070705_1300_61	0.00	0.17	3.45
MOR13	5	6	EXP_070705_1300_62	0.00	0.44	3.51
MOR14	0	1	EXP_070705_1300_63	0.01	0.31	6.86
MOR14	1	2	EXP_070705_1300_64	0.00	0.29	5.86
MOR14	2	3	EXP_070705_1300_65	0.00	0.16	5.43
MOR14	3	4	EXP_070705_1300_66	0.00	0.21	4.13
MOR14	4	5	EXP_070705_1300_67	0.00	0.18	2.91
MOR14	5	6	EXP_070705_1300_68	0.02	0.30	3.62
MOR15	0	1	EXP_070705_1300_69	0.02	0.35	1.89
MOR15	1	2	EXP_070705_1300_70	0.00	0.38	1.62
MOR15	2	3	EXP_070705_1300_71	0.02	0.25	1.17
MOR15	3	4	EXP_070705_1300_72	0.00	0.22	0.99
MOR16A	0	0.3	EXP_070705_1300_73	0.01	0.31	4.39
MOR16B	0	0.3	EXP_070705_1300_74	0.02	0.42	3.45
MOR17	0	1	EXP_070705_1300_75	0.05	0.54	1.77
MOR17	1	2	EXP_070705_1300_76	0.02	1.01	1.61
07A01	0	1	07A01 - 0-1	0.01	0.19	0.69
07A01	1	2	07A01 - 1-2	0.01	0.13	0.64
07A01	2	3	07A01 - 2-3	0.05	0.24	0.59
07A01	3	4	07A01 - 3-4	0.00	0.55	0.54
07A01	4	5	07A01 - 4-5	0.01	0.52	0.75
07A01	5	6	07A01 - 5-6	0.01	0.85	1.17
07A01	6	7	07A01 - 6-7	0.01	0.58	2.80
07A02	0	1	07A02 - 0-1	0.01	0.36	1.64
07A02	1	2	07A02 - 1-2	0.00	0.07	1.34
07A02	2	3	07A02 - 2-3	0.02	0.38	3.24
07A02	3	4	07A02 - 3-4	0.00	0.02	2.32
07A02	4	5	07A02 - 4-5	0.01	0.00	1.71
07A02	5	6	07A02 - 5-6	0.00	0.14	1.31
07A03	0	1	07A03 - 0-1	0.02	0.72	0.81
07A03	1	2	07A03 - 1-2	0.01	0.46	0.69
07A04	0	1	07A04 - 0-1	0.01	0.25	1.45
07A04	1	2	07A04 - 1-2	0.00	0.16	1.62
07A04	2	3	07A04 - 2-3	0.01	0.18	1.17
07A04	3	4	07A04 - 3-4	0.00	0.28	1.00
07A04	4	5	07A04 - 4-5	0.00	0.65	1.51
07A04	5	6	07A04 - 5-6	0.00	0.56	0.65
07A05	0	1	07A05 - 0-1	0.01	0.32	1.89
07A05	1	2	07A05 - 1-2	0.02	0.37	1.59
07A05	2	3	07A05 - 2-3	0.01	0.51	1.38
07A05	3	4	07A05 - 3-4	0.00	0.14	1.15
07A05	4	5	07A05 - 4-5	0.01	0.39	1.23
07A05	5	6	07A05 - 5-6	0.00	0.47	2.31

Morombe Assay Data

BH_ID	From	To	Sample_ID	Ovz %	SLIMES %	HM%
07A06	0	1	07A06 - 0-1	0.01	0.24	2.74
07A06	1	2	07A06 - 1-2	0.01	0.08	1.41
07A06	2	3	07A06 - 2-3	0.00	0.12	1.06
07A06	3	4	07A06 - 3-4	0.00	0.09	1.58
07A06	4	5	07A06 - 4-5	0.02	0.37	1.15
07A06	5	6	07A06 - 5-6	0.01	0.33	1.92
07A08	0	1	07A08 - 0-1	0.03	0.40	1.98
07A08	1	2	07A08 - 1-2	0.03	0.38	1.28
07A08	2	3	07A08 - 2-3	0.03	1.22	1.65
07A08	3	4	07A08 - 3-4	0.02	0.93	2.14
07A08	4	5	07A08 - 4-5	0.10	1.75	3.39
07A09	0	1	07A09 - 0-1	0.02	0.22	1.81
07A09	1	2	07A09 - 1-2	0.00	0.21	1.39
07A09	2	3	07A09 - 2-3	0.00	0.18	1.58
07A09	3	4	07A09 - 3-4	0.01	0.27	2.04
07A09	4	5	07A09 - 4-5	0.01	0.21	1.60
07A09	5	6	07A09 - 5-6	0.01	0.31	2.25
07A10	0	1	07A10 - 0-1	0.02	0.56	2.13
07A10	1	2	07A10 - 1-2	0.01	0.45	1.87
07A10	2	3	07A10 - 2-3	0.00	0.27	1.81
07A10	3	4	07A10 - 3-4	0.00	0.73	1.91
07A10	4	5	07A10 - 4-5	0.01	0.79	1.98
07A11	0	1	07A11 - 0-1	0.04	0.55	1.24
07A11	1	2	07A11 - 1-2	0.02	0.84	1.68
07A11	2	3	07A11 - 2-3	0.01	0.80	2.20
07A11	3	4	07A11 - 3-4	0.01	1.00	1.60
07A13	0	1	07A13 - 0-1	0.01	0.21	3.45
07A13	1	2	07A13 - 1-2	0.01	0.21	2.74
07A13	2	3	07A13 - 2-3	0.01	0.10	2.27
07A13	3	4	07A13 - 3-4	0.01	0.30	3.02
07A13	4	5	07A13 - 4-5	0.00	0.26	3.09
07A13	5	6	07A13 - 5-6	0.00	0.19	2.51
07A14	0	1	07A14 - 0-1	0.03	0.35	1.03
07A14	1	2	07A14 - 1-2	0.00	0.36	1.69
07A14	2	3	07A14 - 2-3	0.01	0.28	1.75
07A16	0	1	07A16 - 0-1	0.01	0.32	1.69
07A16	1	2	07A16 - 1-2	0.01	0.26	1.50
07A16	2	3	07A16 - 2-3	0.00	0.08	1.28
07A16	3	4	07A16 - 3-4	0.00	0.15	1.51
07A16	4	5	07A16 - 4-5	0.01	0.99	1.85
07A16	5	6	07A16 - 5-6	0.01	3.46	1.83
07A17	0	1	07A17 - 0-1	0.00	0.22	0.34
07A17	1	2	07A17 - 1-2	0.01	0.13	1.19
07A17	2	3	07A17 - 2-3	0.01	0.20	0.89

Morombe Assay Data

BH_ID	From	To	Sample_ID	Ovz %	SLIMES %	HM%
07A17	3	4	07A17 - 3-4	0.01	0.22	0.65
07A17	4	5	07A17 - 4-5	0.01	0.14	0.39
07A17	5	6	07A17 - 5-6	0.00	0.10	0.42
07A18	0	1	07A18 - 0-1	0.03	1.29	0.43
07A18	1	2	07A18 - 1-2	0.03	1.21	0.50
07A18	2	3	07A18 - 2-3	0.01	2.78	0.63
07A18	3	4	07A18 - 3-4	0.02	2.85	0.79
07A19	0	1	07A19 - 0-1	0.09	1.08	1.60
07A19	1	2	07A19 - 1-2	0.02	0.71	1.29
07A19	2	3	07A19 - 2-3	0.01	0.33	1.50
07A20	0	1	07A20 - 0-1	0.01	0.44	0.80
07A20	1	2	07A20 - 1-2	0.02	0.35	1.32
07A20	2	3	07A20 - 2-3	0.01	0.28	1.15
07A20	3	4	07A20 - 3-4	0.02	0.54	0.79
07A20	4	5	07A20 - 4-5	0.01	0.43	1.23
07A20	5	6	07A20 - 5-6	0.01	0.20	0.63
07A21	0	1	07A21 - 0-1	0.11	0.66	0.94
07A21	1	2	07A21 - 1-2	0.04	0.33	1.04
07A21	2	3	07A21 - 2-3	0.01	0.16	0.77
07A21	3	4	07A21 - 3-4	0.02	0.47	0.44
07A21	4	5	07A21 - 4-5	0.07	0.29	0.87
07A21	5	6	07A21 - 5-6	0.02	0.37	0.44
07A22	0	1	07A22 - 0-1	0.04	0.42	1.67
07A22	1	2	07A22 - 1-2	0.03	0.28	1.02
07A22	2	3	07A22 - 2-3	0.03	0.33	1.34
07A22	3	4	07A22 - 3-4	0.01	0.22	1.91
07A22	4	5	07A22 - 4-5	0.01	0.23	1.58
07A22	5	6	07A22 - 5-6	0.02	0.29	1.36
07A23	0	1	07A23 - 0-1	0.03	2.35	1.24
07A23	1	2	07A23 - 1-2	0.65	12.17	0.77
07A23	2	3	07A23 - 2-3	0.93	16.86	0.78
07A23	3	4	07A23 - 3-4	0.90	16.62	0.79
07A23	4	5	07A23 - 4-5	0.60	13.81	0.82
07A23	5	6	07A23 - 5-6	3.62	15.61	0.64
07A24	0	1	07A24 - 0-1	0.09	0.57	1.13
07A24	1	2	07A24 - 1-2	0.02	0.47	0.84
07A24	2	3	07A24 - 2-3	0.02	0.45	1.59
07A24	3	4	07A24 - 3-4	0.01	0.25	2.25
07A24	4	5	07A24 - 4-5	0.05	0.80	2.64
07A24	5	6	07A24 - 5-6	0.01	0.25	2.23
07A25	0	1	07A25 - 0-1	0.03	0.31	0.69
07A25	1	2	07A25 - 1-2	0.02	0.37	0.82
07A25	2	3	07A25 - 2-3	0.02	0.28	0.17
07A25	3	4	07A25 - 3-4	0.01	0.30	0.43

Morombe Assay Data

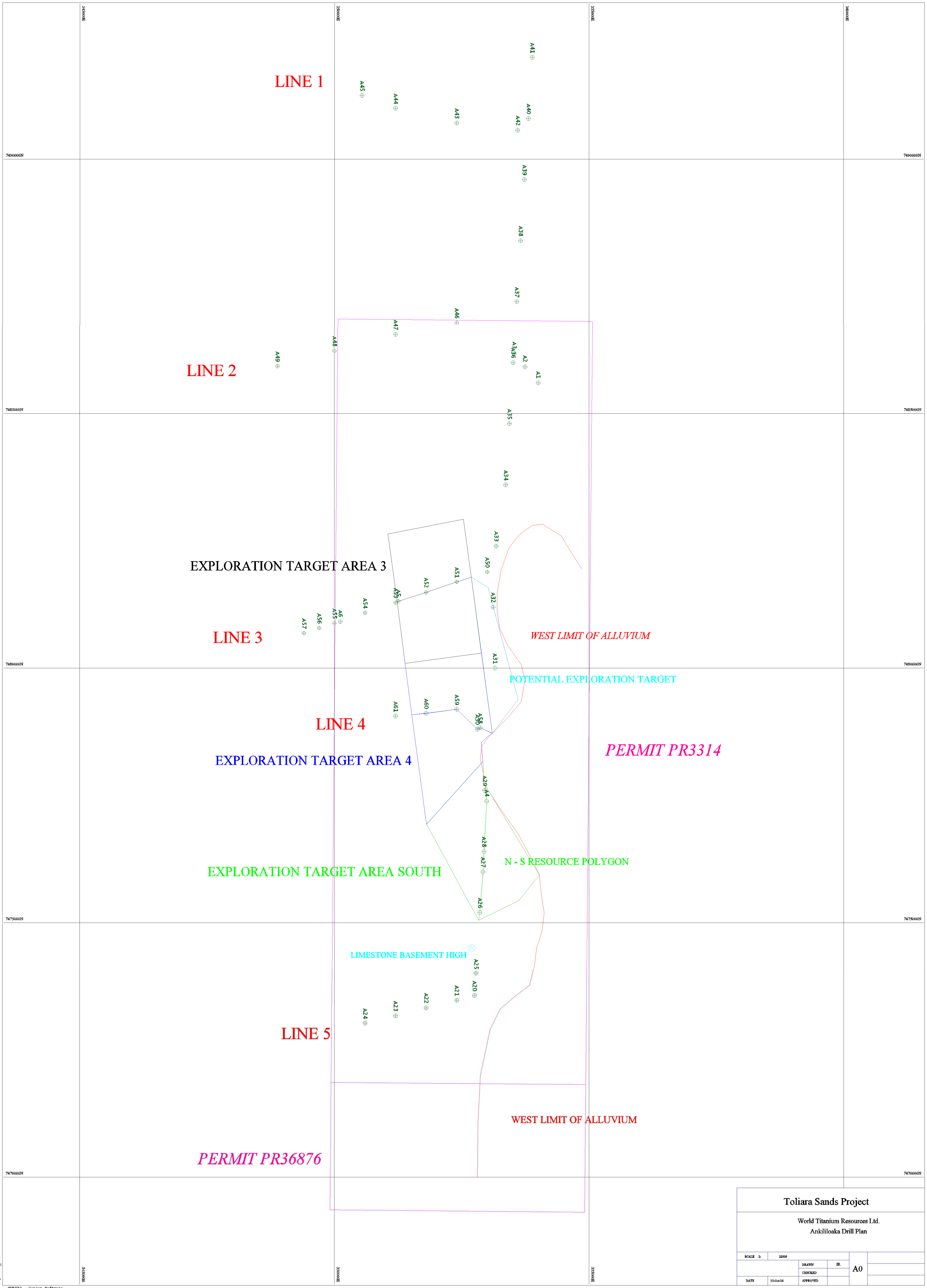
BH_ID	From	To	Sample_ID	Ovz %	SLIMES %	HM%
07A25	4	5	07A25 - 4-5	0.03	0.22	0.15
07A25	5	6	07A25 - 5-6	0.02	0.21	0.23
07A26	0	1	07A26 - 0-1	0.01	0.31	0.81
07A26	1	2	07A26 - 1-2	0.03	0.15	0.65
07A26	2	3	07A26 - 2-3	0.02	0.69	5.45
07A26	3	4	07A26 - 3-4	0.01	0.90	6.28
07A26	4	5	07A26 - 4-5	0.02	2.45	3.02
07A26	5	6	07A26 - 5-6	0.04	4.55	2.21
07A27	0	1	07A27 - 0-1	0.06	0.44	0.94
07A27	1	2	07A27 - 1-2	0.01	0.67	0.82
07A27	2	3	07A27 - 2-3	0.03	0.45	0.59
07A27	3	4	07A27 - 3-4	0.01	0.36	0.62
07A27	4	5	07A27 - 4-5	0.01	0.62	0.33
07A27	5	6	07A27 - 5-6	0.08	5.64	0.98
07A28	0	1	07A28 - 0-1	0.02	0.50	1.16
07A28	1	2	07A28 - 1-2	0.02	0.78	1.76
07A28	2	3	07A28 - 2-3	0.01	1.09	6.79
07A28	3	4	07A28 - 3-4	0.01	0.46	4.40
07A28	4	5	07A28 - 4-5	0.01	0.34	3.50
07A28	5	6	07A28 - 5-6	0.02	0.26	1.86
07A29	0	1	07A29 - 0-1	0.10	3.39	1.06
07A29	1	2	07A29 - 1-2	0.04	2.61	0.88
07A29	2	3	07A29 - 2-3	0.03	2.01	1.07
07A30	0	1	07A30 - 0-1	0.09	0.66	1.68
07A30	1	2	07A30 - 1-2	0.01	0.33	0.98
07A30	2	3	07A30 - 2-3	0.02	0.72	6.14
07A30	3	4	07A30 - 3-4	0.01	0.45	5.84
07A31	0	1	07A31 - 0-1	0.02	0.33	1.16
07A31	1	2	07A31 - 1-2	0.04	0.34	1.89
07A31	2	3	07A31 - 2-3	0.02	0.84	6.53
07A31	3	4	07A31 - 3-4	0.01	0.48	4.42
07A31	4	5	07A31 - 4-5	0.02	0.30	2.13
07A31	5	6	07A31 - 5-6	0.01	0.33	2.33
07A32	0	1	07A32 - 0-1	0.01	0.63	3.42
07A32	1	2	07A32 - 1-2	0.01	0.13	3.35
07A32	2	3	07A32 - 2-3	0.01	1.73	5.73
07A32	3	4	07A32 - 3-4	0.00	0.39	6.05
07A32	4	5	07A32 - 4-5	0.01	0.92	5.99
07A32	5	6	07A32 - 5-6	0.01	0.51	4.66
07A33	0	1	07A33 - 0-1	0.11	4.42	1.61
07A33	1	2	07A33 - 1-2	0.05	3.49	1.40
07A33	2	3	07A33 - 2-3	0.08	4.05	1.27
07A34	0	1	07A34 - 0-1	0.04	0.60	1.75
07A34	1	2	07A34 - 1-2	0.02	0.52	3.23

Morombe Assay Data

BH_ID	From	To	Sample_ID	Ovz %	SLIMES %	HM%
07A34	2	3	07A34 - 2-3	0.00	1.08	2.19
07A34	3	4	07A34 - 3-4	0.01	0.59	2.16
07A34	4	5	07A34 - 4-5	0.01	0.41	3.00
07A34	5	6	07A34 - 5-6	0.01	0.51	1.84
07A35	0	1	07A35 - 0-1	0.01	0.57	2.53
07A35	1	2	07A35 - 1-2	0.00	0.55	2.97
07A35	2	3	07A35 - 2-3	0.01	0.28	1.97
07A35	3	4	07A35 - 3-4	0.01	0.33	1.02
07A35	4	5	07A35 - 4-5	0.01	0.51	3.23
07A35	5	6	07A35 - 5-6	0.01	0.29	4.22
07A36	0	1	07A36 - 0-1	0.04	0.42	1.13
07A36	1	2	07A36 - 1-2	0.01	0.38	1.93
07A36	2	3	07A36 - 2-3	0.01	0.57	3.41
07A36	3	4	07A36 - 3-4	0.01	0.66	3.04
07A36	4	5	07A36 - 4-5	0.03	0.39	2.13
07A36	5	6	07A36 - 5-6	0.01	0.55	1.11
07A37	0	1	07A37 - 0-1	0.02	0.39	1.05
07A37	1	2	07A37 - 1-2	0.01	0.36	0.96
07A37	2	3	07A37 - 2-3	0.01	0.77	1.33
07A37	3	4	07A37 - 3-4	0.01	1.53	1.13
07A37	4	5	07A37 - 4-5	0.01	1.56	1.26
07A38	0	1	07A38 - 0-1	0.02	0.61	1.65
07A38	1	2	07A38 - 1-2	0.01	0.38	1.88
07A38	2	3	07A38 - 2-3	0.24	1.33	2.01
07A38	3	4	07A38 - 3-4	0.01	2.02	2.16
07A39	0	1	07A39 - 0-1	0.03	0.60	1.67
07A39	1	2	07A39 - 1-2	0.05	0.69	2.07
07A39	2	3	07A39 - 2-3	0.03	1.26	3.10
07A40	0	1	07A40 - 0-1	0.01	0.51	2.57
07A40	1	2	07A40 - 1-2	0.01	0.38	2.31
07A40	2	3	07A40 - 2-3	0.01	1.07	2.82
07A40	3	4	07A40 - 3-4	0.01	1.69	3.03
07A41	0	1	07A41 - 0-1	0.02	1.35	1.91
07A41	1	2	07A41 - 1-2	0.02	1.50	2.21
07A41	2	3	07A41 - 2-3	0.01	2.02	3.15
07A41	3	4	07A41 - 3-4	0.01	1.67	3.38
07A41	4	5	07A41 - 4-5	0.01	1.10	3.43
07A42	0	1	07A42 - 0-1	0.07	1.61	3.09
07A42	1	2	07A42 - 1-2	0.02	1.50	3.78
07A42	2	3	07A42 - 2-3	0.02	1.67	4.80
07A42	3	4	07A42 - 3-4	0.02	1.30	4.65
07A43	0	0.3	07A43 - SUP	0.03	2.23	2.47
07A44	0	0.3	07A44 - SUP	0.02	1.99	3.94

Appendix 2.0 Ankililoaka Exploration Target Data

Appendix 2.1 Ankililoaka Drill Map



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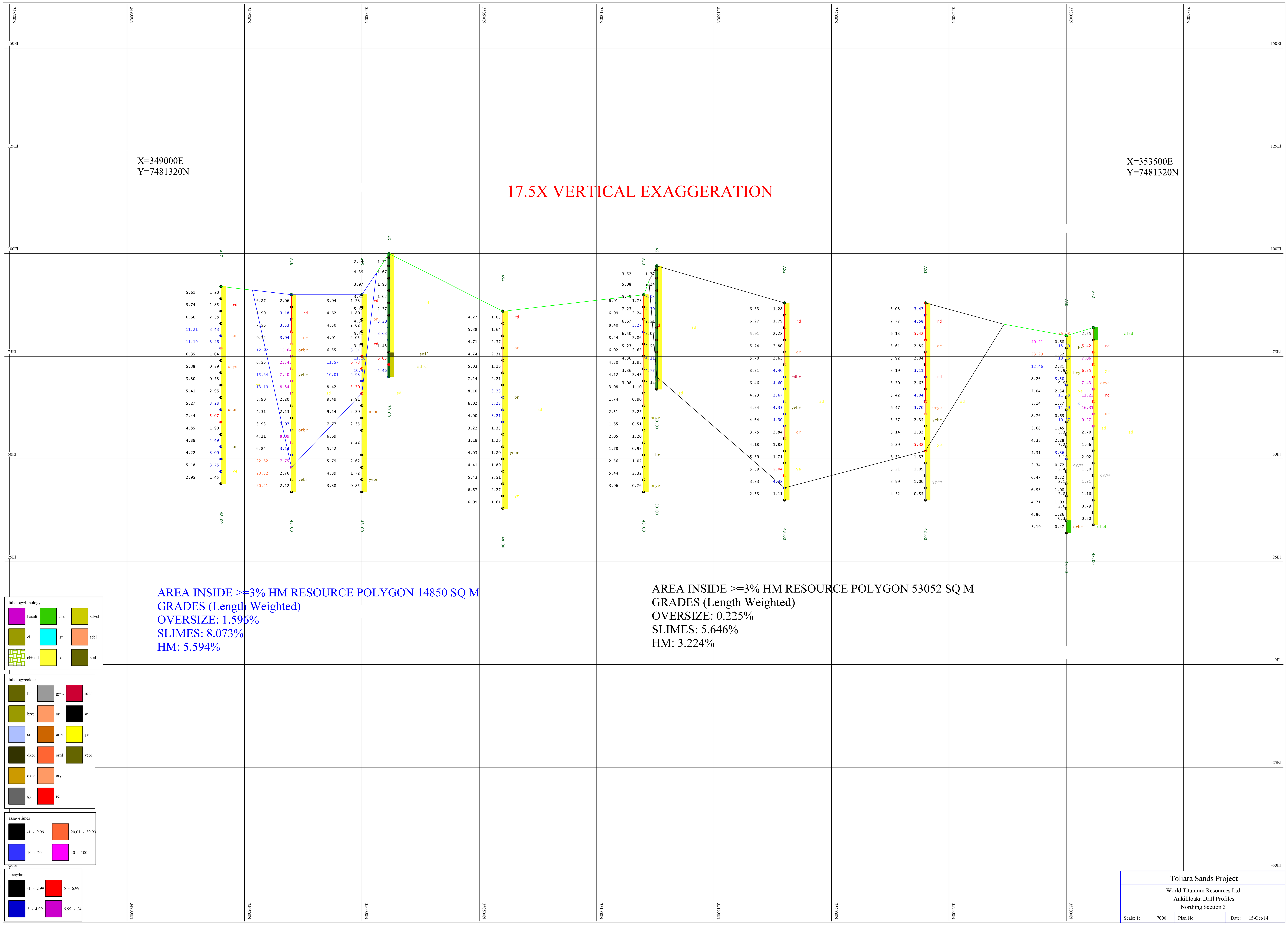
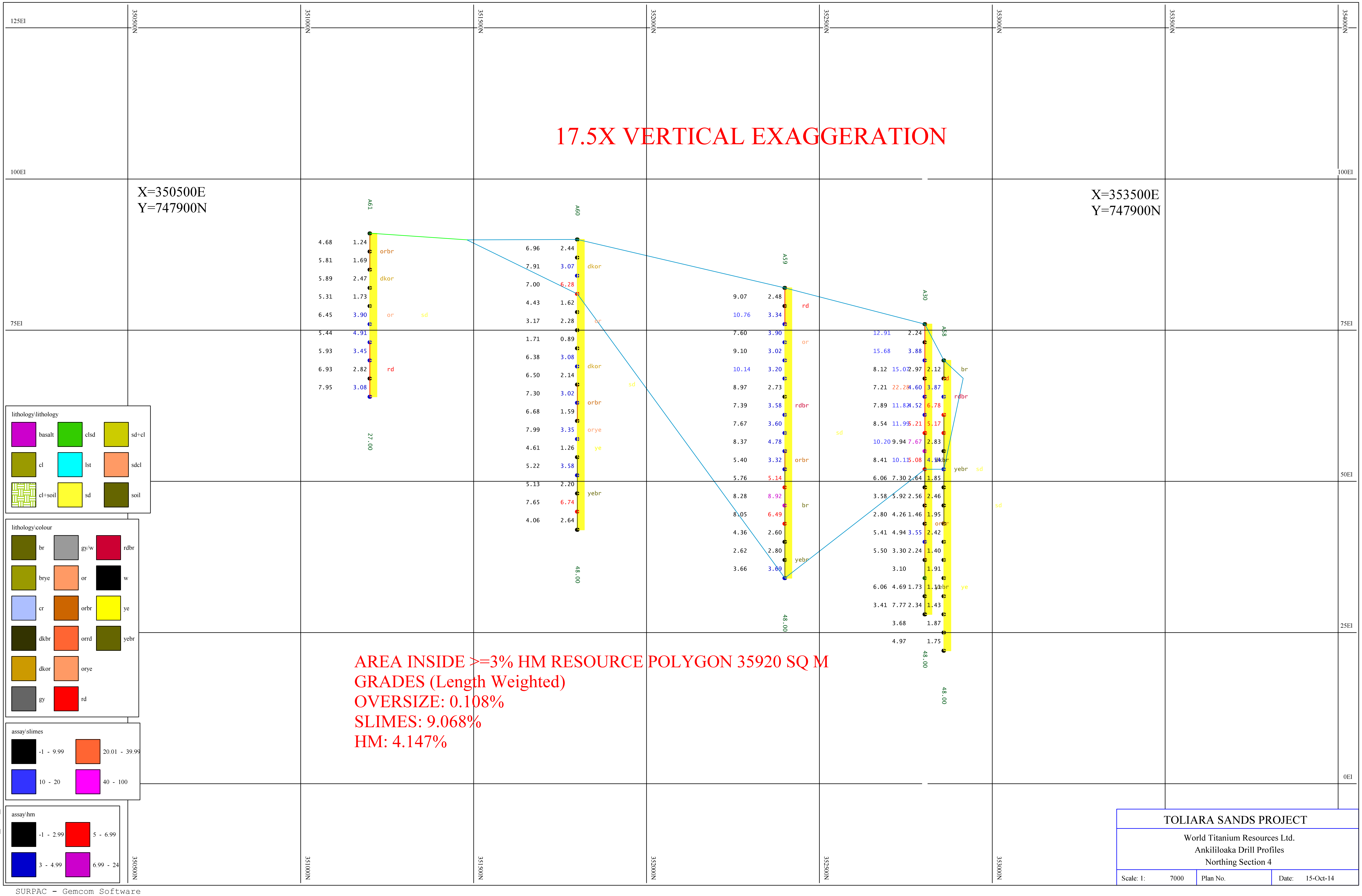
Appendix 2.2 Ankililoaka Drill Profile LINE 3



X=349000E
Y=7481320N
17.5X VERTICAL EXAGGERATION
X=353500E
Y=7481320N
AREA INSIDE >=3% HM RESOURCE POLYGON 14850 SQ M
GRADES (Length Weighted)
OVERSIZE: 1.596%
SLIMES: 8.073%
HM: 5.594%
AREA INSIDE >=3% HM RESOURCE POLYGON 53052 SQ M
GRADES (Length Weighted)
OVERSIZE: 0.225%
SLIMES: 5.646%
HM: 3.224%
lithology\lithology
basalt
clsd
sd+cl
cl
lst
sdcl
cl+soil
sd
soil
lithology\colour
br
gy/w
rdbr
brye
or
w
cr
orbr
ye
dkbr
orrd
yebr
dkor
orye
gy
rd
assay\slimes
-1 - 9.99
20.01 - 39.99
10 - 20
40 - 100
assay\hm
-1 - 2.99
5 - 6.99
3 - 4.99
6.99 - 24
Toliara Sands Project
World Titanium Resources Ltd.
Ankililoaka Drill Profiles
Northing Section 3
Scale: 1: 7000
Plan No.
Date: 15-Oct-14
resource_str_03
SURPAC - Gemcom Software

Appendix 2.3 Ankililoaka Drill Profile LINE 4



TOLIARA SANDS PROJECT

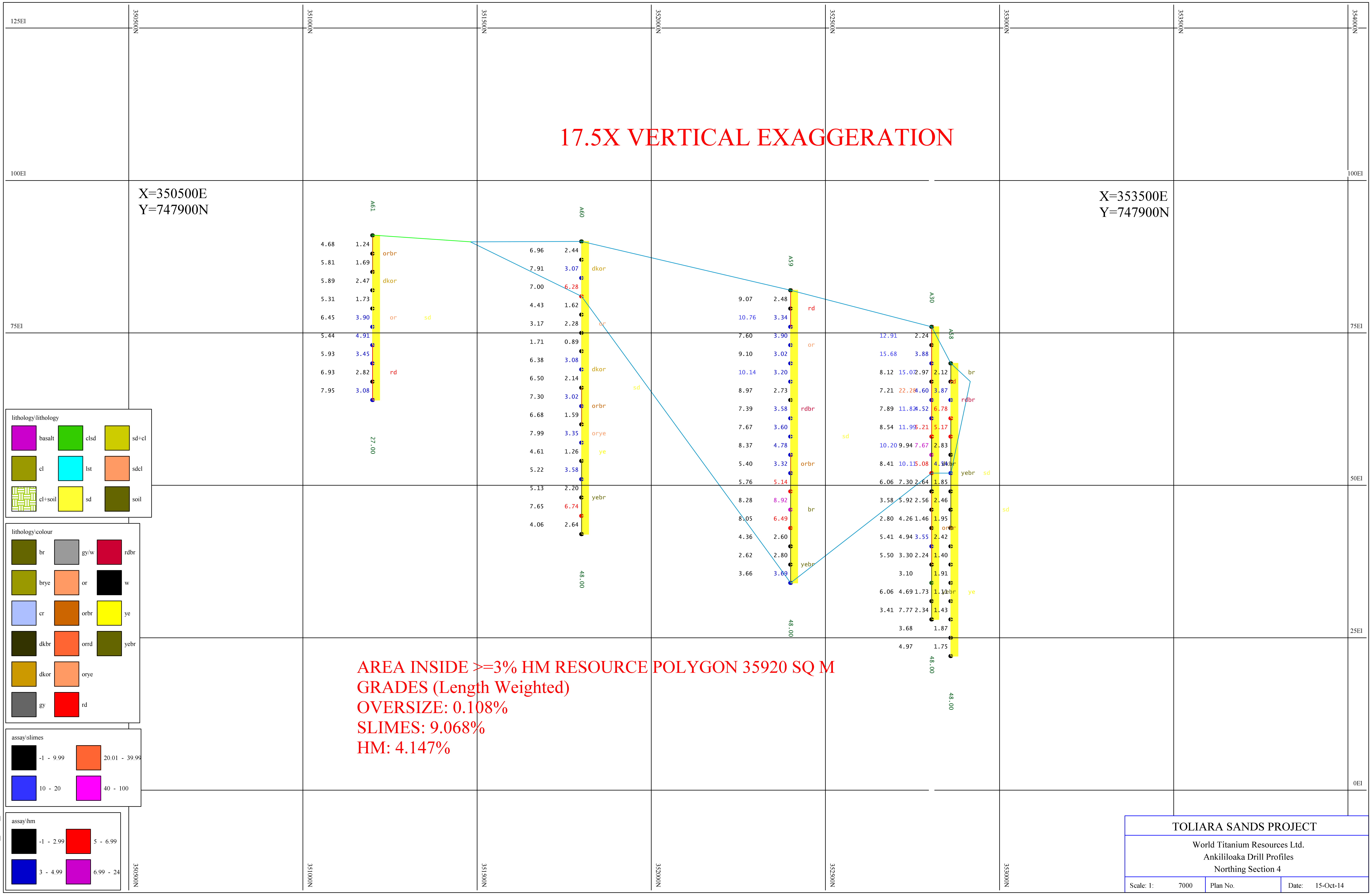
World Titanium Resources Ltd.
Ankililoaka Drill Profiles
Northing Section 4

Scale: 1: 7000	Plan No.	Date: 15-Oct-14

Appendix 2.4 (a) Ankliloaka Drill Profile LINE N - S


20X VERTICAL EXAGGERATION
X=353360E
Y=7473000N
X=353360E
Y=7493000N
RED SAND
RED CLAY COATED SAND
RED SAND
LIMESTONE
LIMESTONE
BASALT
Grey-White Sand
N - S LIMIT OF EXPLORATION TARGET
250El
225El
200El
175El
150El
125El
100El
75El
50El
25El
0El
-25El
-50El
-75El
-100El
TOLIARA SANDS PROJECT
World Titanium Resources Ltd.
Akililoaka Drill Profiles
Easting Section 1
SCALE 1 : 20000
DRAWN IR
CHECKED
APPROVED
DATE 14-Oct-14
A0
SURPAC - Gemcom Software

Appendix 2.4 (b) Ankliloaka Drill Profile LINE N – S: Resource Polygon



resource_sec_4

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Appendix 3.0 Basibasy Exploration Target Data

Appendix 3.1 Basibasy Drill Map


Resource Area North Quad
Resource Area East Quad
Resource Area West Quad
Resource Area South Quad
Toliara Sands Project
World Titanium Rseources Ltd.
Basibasy
Drill Plan
SCALE 1: 20000
DRAWN IR
CHECKED
DATE 18-Nov-14
APPROVED
A0
SURPAC - Gemcom Software

Appendix 3.2 Basibasy Drill Profile LINE 4


17.5X VERTICAL EXAGGERATION
H.M.=>3% POLYGON
White Sand Unit
Young Sand Unit
20% SLIMES CONTENT
OLD SAND UNIT
LIMIT OF REWORKING
LIMESTONE
TOLIARA SANDS PROJECT
World Titanium Resources Ltd.
Basibasy Drill Profile
Northing Line 4
SCALE 1: 7000
DRAWN IR
CHECKED
DATE 20-Oct-14
APPROVED
A0
SURPAC - Gemcom Software

Appendix 3.3 Basibasy Drill Profile LINE N-S


16.6X VERTICAL EXAGGERATION
N-S EXTENT OF HM>=3%
lithology/lithology
lithology/colour
assay/slimes
0 - 9.99
10 - 19.99
20 - 60
assay/hm
0 - 2.99
3 - 4.99
5 - 6.99
7 - 21
TOLIARA SANDS PROJECT
World Titanium Resources Ltd.
Basibasy Drill Profile
Easting Profile 1
SCALE 1 : 15000
DRAWN IR
CHECKED
APPROVED
DATE 20-Oct-14
A0
SURPAC - Gemcom Software