TERRITORY IRON LIMITED

A.C.N. 100 552 118

EL22856 SADDLES

ANNUAL REPORT

For The Period

5th February 2004 – 4th February 2005

By

RM VIVIAN
BAppSc MAppSc MAIG

Pine Creek SD52-08 1:250,000 Sheet
Pine Creek 5270 1:100, 000 Sheet
McKinley River 5271 1:100,00 Sheet

March 2005

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SUMMARY

Work undertaken for the year ending 8 February 2005 within EL22856 comprised:

- a literature search of technical reports at NTGS Library;
- reprocessing (terrain correction) of gravity data from a survey conducted in 2003;
- five RAB drill holes for a total of 178m at Saddle East and Saddle, and 13 RC drill holes for a total of 506m at Elizabeth Marion prospect sited on ironstone outcrops and a gravity target;
- resource modelling of Saddle East.

Of the six known iron ore occurrences within EL22856 reported in the literature, resource estimations by past explorers exist and are:

Saddle East	140Ktonnes @ 60% Fe, 0.10% P;
Saddle	267Ktonnes @ 57.8% Fe,).20% P;
Saddle West	n/a;
Saddle Extended	230Ktonnes @ 61.5% Fe, 0.25% P.

No estimates are reported for the Egg Cup and McFarrars occurrences.

An interpretation undertaken on 1987 to 1990 Pine Creek aeromagnetic data by Hamersley Iron in 2000 indicates that Saddle Extended and Egg Cup are hypogene in origin, Saddle is supergene and Saddle West and McFarrars are of uncertain origin.

There is no noticeable difference between the discernible terrain corrected residual Bouguer gravity image and the uncorrected gravity data. This was to be expected given the lack of marked elevation differences across the survey area within the tenement.

At Elizabeth Marion, an ironstone bed occurring on the westerly dipping limb of a NW-trending anticline was drilled and iron mineralisation was intersected in five holes to 18m vertical depth. Best grading intercept was 56.0% Fe of haematite and limonite from 3-10m drill depth in hole FCRC011. Drilling of a large gravity high was negative; and the high was explained as being caused by a density contrast between two different lithologies in the hinge area of the anticline.

Results at Elizabeth Marion indicate that iron mineralisation is characterised by medium iron (mid 50s) and high phosphorous (plus 0.10%) values. LOI values are high (circa 10%) and suggest that a hydrate iron mineral (goethite) is the main iron mineral present. There is the possibility of achieving a calcined iron product from this material.

An Inferred Resource of 106,000 tonnes at an average grade of 59.9% Fe was estimated from resource modelling for the Northern area of Millers prospect. This estimate is similar to that by past explorers.

Reconnaissance drilling at Saddle East and Saddle Extended returned iron values to 60.9% Fe and confirms that in abroad sense grades achieved by past explorers at these deposits.

Expenditure for the year was $61,049.35. Work proposed for Year 3 includes airborne magnetic survey, RAB drilling and resource modelling of iron occurrences.

1. INTRODUCTION

This report is submitted by Territory Iron to meet statutory reporting commitments on tenement EL22856 for the year ending 8th February 2005. Exploration within the tenement is focussed on iron ore mineralisation.

EL 22856 is located about 1km NW of the old Frances Creek iron ore mining district from which about six million tonnes was produced between the period 1967 to 1974. The mining district lies 23km north of the township of Pine Creek which is located on the Stuart Highway about 220km south of Darwin, Figure 1. Access from Pine Creek is along the sealed Kakadu Highway for 2km and then along the graded Frances Creek road for 23km to the old iron ore mine site area.

Access from Frances Creek mine site through the tenement is poor. Currently it is along the Ochre Hill-Millers road which was re-established by Territory Iron during 2004 to access into these prospects. This road runs mainly outside and along the eastern boundary of the tenement. It is not maintained by either leaseholders or the NT authorities and use of 4WD vehicles is advisable at most times. Vehicular access off this road is usually not possible between the December to March tropical monsoonal wet season.

2. TENURE

2.1 Mineral Rights

EL22856 was granted to Softwood Plantations on 5 February 2003. The term of the tenement expires on 4 February 2009. The title is currently in its second year.

The tenement covers 56.563 km^2 or approximately 17 graticular blocks and is approximately bounded by MGA94 Zone 52 co-ordinates 8496500mN and 8515000mN and 801500mE and 808500mE.

2.2 Land Tenure

The tenement includes parts of the following land tenure:

- Ban Ban Springs Pastoral Lease, owned by Ban Ban Springs Station Pty Ltd (Linda Claris, fax 8978630), c/- level 5,478 Albert St, East Melbourne.

2.3 Aboriginal Sacred Site Clearance & Native Title

- A search of the Aboriginal Areas Protection Authority's sacred site digital register carried out prior to the commencement of drilling indicated no Registered or Recorded sites within the tenement area.

- A Registered native title claim DC01/21 Ban Ban Springs, lodged on 13 March 2001, covers the tenement area.

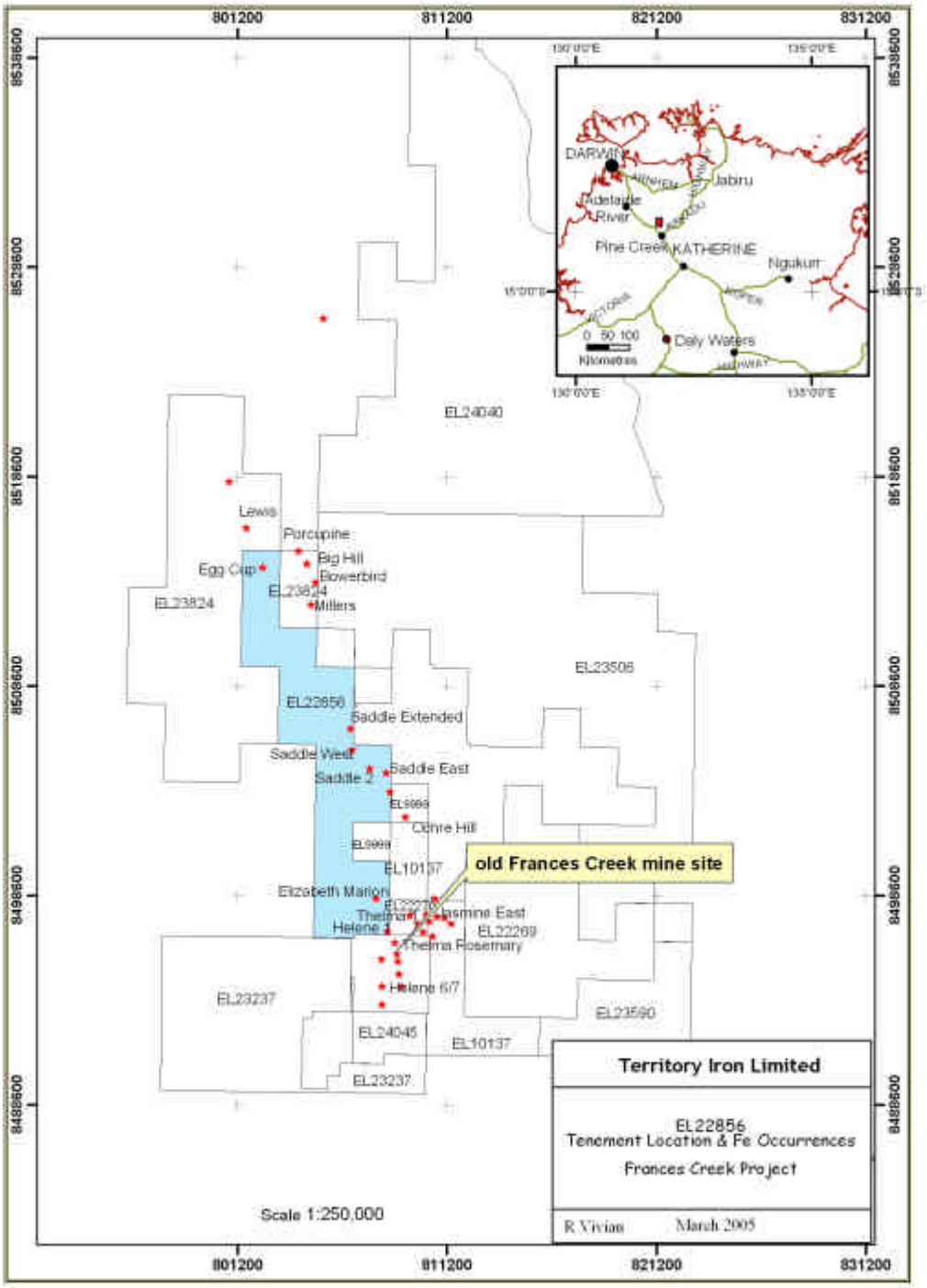

Figure 1 EL22586 Tenement Location & Iron Occurrences

3. LOCAL GEOLOGY

Palaeoproterozoic sediments of the Mt Partridge and the overlying South Alligator Groups occur within the tenement area. The Wildman Siltstone of the Mt Partridge Group predominates while rock units of the Koolpin Formatio and Gerowie Tuff occur along the western boundary of the tenement.

The Wildman Siltstone comprises two informal sequences. The lower sequence consists of carbonaceous phyllite, ironstone, siltstone and phyllite, which at depth is reported to be pyritic and carbonaceous. The upper sequence consists of similar rock units, but also contains minor sandstone and rare dolarenite. Ironstone, and hence the development of iron occurrences, is absent from this sequence.

The Koolpin Formation consists of carbonaceous pelites, carbonates and iron formation, and is subdivided into three informal members. The Lower Member comprises carbonaceous mudstone, mudstone, siltstone and limestone. The Middle Member is characterised by the first appearance of banded iron formation. The Upper Member comprises thinly laminated carbonaceous shale and mudstone with abundant fine pyrite and pyrrhotite and shows up prominently on aeromagnetic imagery.

The Gerowie Tuff is composed of siltstone, phyllite, tuff and minor chert nodules.

Numerous conformable sills of pre-orogenic Zamu Dolerite have preferentially intruded the pelitic units of the Gerowie Tuff, Koolpin Formation and the underlying Wildman Siltstone.

These sediments, volcanics and dolerite sills have been moderately to tightly folded about NNW trending axes into a series of synforms-antiforms with vertical dips or steep dips to either side of vertical. On a regional scale, these structures form an anticlinorium with a dominant westerly dip within the tenement area.

Regional lower greenschist grade metamorphism accompanied the folding event during a major deformation period between 1870-1810 Ma.

4. MINERALISATION

Known iron occurrences within EL22856 are Elizabeth Marion, Saddle 1, Saddle East, Saddle 2, Saddle West, Saddle Extended and Egg Cup. Saddles I and Extended are located in part outside the eastern tenement boundary, Figure 1.

All occurrences are hosted in lower Wildman Siltstone as stratiform discontinuous lenses consisting of massive hematite with variable inclusions of quartz and siltstone. The ore is structurally controlled, with thickening of ironstone horizons within minor fold axes. While the Koolpin Formation is not reported to host iron occurrences Ahmad et al (1993) describes the band iron formation of the Middle Member as forming at surface gossanous, haematite-limonite bodies which are reported by to give way at depth to ferro-actinolite, Fe-rich chlorite, garnet, siderite, quartz, carbonates and sulphides.

Only one gold occurrence, the Watts Creek alluvial gold prospect (805780mE & 8499630Mn), is recoded within EL22856. Gold mineralisation is known on a regional scale to occur in: the Wildman Siltstone, the middle and upper Koolpin Formation, the Gerowie Tuff and Mount Bonnie Formation, and in sills of the Zamu Dolerite which intrude the Koolpin Formation and Gerowie Tuff. Gold mineralisation within the Pine Creek Inlier is probably associated with intrusion of the syn-orogenic granites (eg Cullen Batholith). It is certainly feasible that the bulk of the anticline-associated vein-type deposits most likely relates to structural re-activation of regional fold structures during intrusive events.

Possible gold mineralisation styles and targets related to these rocks are according to Goulevitch (1997b): sheeted and stockwork quartz-sulphide veins systems with mineralisation preferentially associated with a strong carbonaceous and/or sulphide in the host sequence (eg Woolwonga, Moline) or with competency contrasts between greywacke and shale (eg Union Reef, Spring Hill); sediment-hosted stratiform mineralisation and quartz-sulphide vein-hosted stratabound mineralisation associated with chert iron formation and carbonaceous mudstone mainly in the Koolpin Formation (eg Mount Porter); stratiform, massive to banded, sulphide-silicate-carbonate mineralisation in the Mount Bonnie Formation (eg Mt Bonnie, Moline).

5. WORK COMPLETED

5.1 Literature Review & Technical Data Acquisition

A literature review of technical reports on the tenement available from the NTGS library, Darwin was carried out by Territory Iron personnel, and by consultants Mackay & Schnellmann. The latter was completed as part of an Independent Consultant's Report for a Prospectus attached to an Initial Public Offer by Territory Iron. Technical reports located for the review are listed under References.

Archival prospect drill data for the Saddles and Elizabeth Marion prospects are available only in printed hardcopy and thus necessitated the digitising of drill hole collar co-ordinates from plans, and the manual transcription of drill hole assay values in imperial feet units and their conversion into metric units. This work was carried out by Rocksearch Australia of Darwin.

The discovery of a number of drill collars and one old mineral lease corner peg at Elizabeth Marion enabled the transformation of the collar data into GDA94 datum, MGA94 Zone 52 UTM coordinates for this prospect only. The old drill data (collar, survey, assay and geology logs) have not yet been entered into the master drill database.

Collars for percussion holes drilled this year by Territory Iron were 'fixed' by hand-held Garmin GPS 12 unit, which has a X-Y positioning accuracy of 5-7 metres and height (Z) accuracy of 10-15m. These drill hole data (collar, survey, assay and geology logs) are given in Appendix 1.

5.2 Reconnaissance Work & Excavation

Pre-drilling work included flagging in (by recording GPS waypoints) the track into Saddle Extended and a cross-country reconnaissance and flagging a track into Saddle East from the Ochre Hill-Millers road.

Saddle East is located some 830m east of and 2km north from the Ochre Hill turnoff, whilst Saddle Extended is about 3.6km north from the Ochre Hill turnoff along the road. A grader owned and operated by Union Extended (Ian Genet) was to re-establish the track into Saddle East and Extended and a bulldozer, also from Union Extended, was used to prepare the five drill sites at the prospects. Only minor clearing was required to establish the drill pads.

A reconnaissance traverse was undertaken by Karl Lindsay-Park of Arnhem Geological Exploration Services within the tenement as part of an inspection of ironstone outcrops within the old Frances Creek mine site area. Geological notes are reported in Appendix 1.

5.3 RAB/RC Drilling

Five RAB drill holes for a total of 178m were completed at Saddle East (holes SAPC01-3) and Saddle Extended (holes SEPC01-2). Thirteen RC drill holes (nos FCR01-11, 51-51) for a total of 506m were drilled at Elizabeth Marion. They were RC drilled due to the presence of excessive water from near surface.

Hole locations are shown on Figures 2, 3 & 4 and hole statistics are detailed in Table 1. Drill data are reported in Appendix 2.

Table 1: Drill Hole Statistics

Hole_ID	East*	North*	Azimuth (magnetic)	Dip	EOH (m)
FCRC001	808204	849768	40^0	-60^0	54
FCRC002	808267	8498118	40^0	-60^0	45
FCRC003	808284	8498148	40^0	-60^0	45
FCRC004	808294	8498153	40^0	-60^0	48
FCRC005	808314	8498175	40^0	-60^0	48
FCRC006	808327	8498189	40^0	-60^0	48
FCRC007	808200	8498202	40^0	-60^0	39
FCRC008	807988	8498314	40^0	-60^0	36
FCRC009	807853	8498660	210^0	-60^0	30
FCRC010	807814	8498699	0^0	-90^0	25
FCRC011	807830	8498566	220^0	-60^0	27
FCRC050	807932	8498391	40^0	-60^0	39
FCRC051	807915	8498425	40^0	-60^0	22
SAPC001	808278	8504536	70^0	-60^0	39.0
SAPC002	808309	8504415	70^0	-60^0	39.0
SAPC003	808268	8504459	0^0	-90^0	37.0
SEPC001	806820	8506590	70^0	-60^0	36.0
SEPC002	806530	8506888	70^0	-60^0	27.0

* GDA94, MGA94 Zone 52 co-ordinates

At all prospects the purpose of the drilling was to attempt to verify the assay results and drill intercepts reported from the mid 1960s to early1970s. Holes were sited on an opportunistic basis, ie sites were chosen for easy access and sited to test under some of the better-looking ironstone outcrops in each prospect area. In addition, at Elizabeth Marion holes FCRC002 to FCRC006 were sited to test the gravity anomaly detected report last year. It is centred on 808200E / 8498 030N (AMG) and is about 400m NE x 250m NW in dimensions.

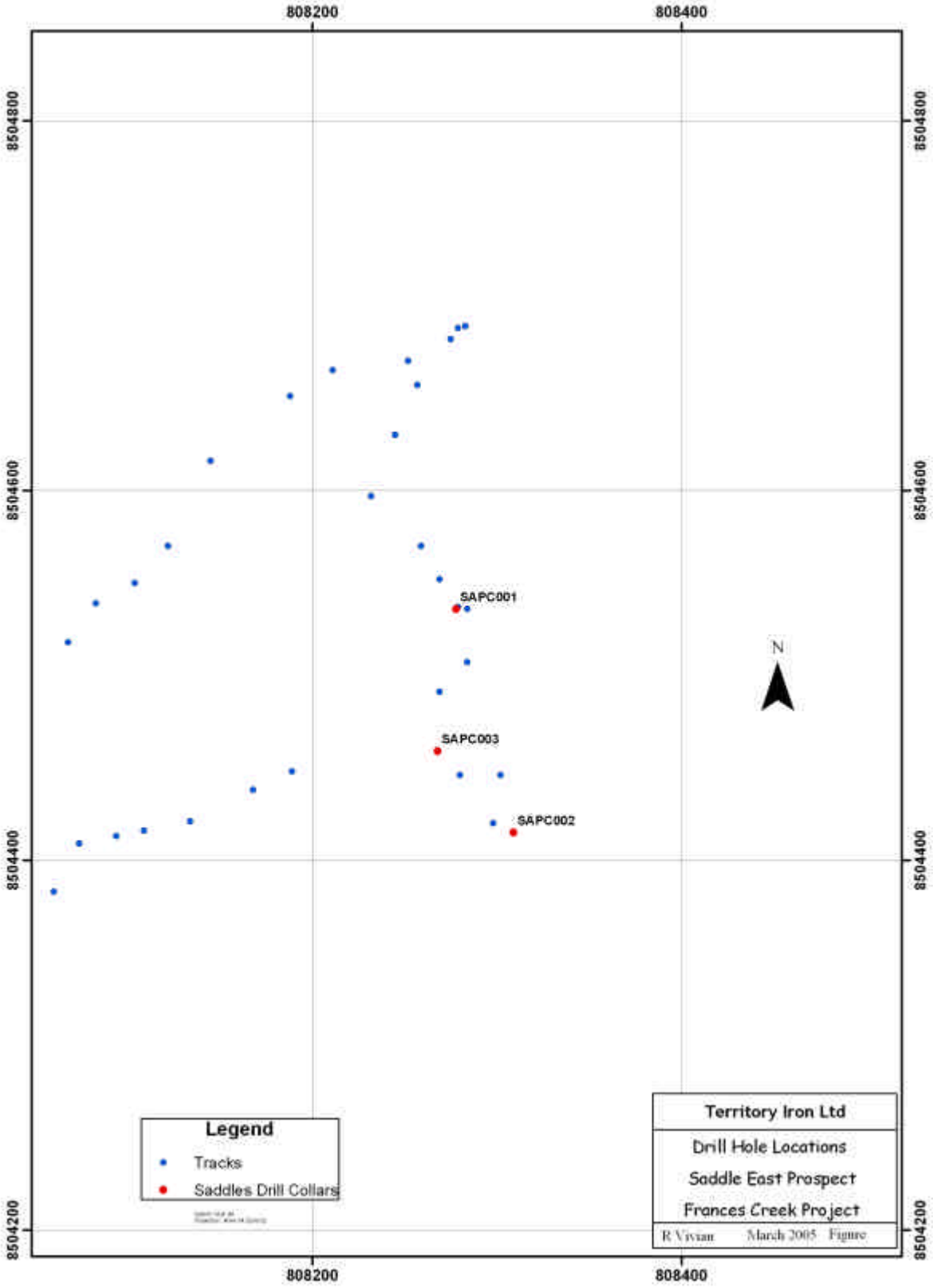

Figure 2 Drill Hole Locations Saddle East

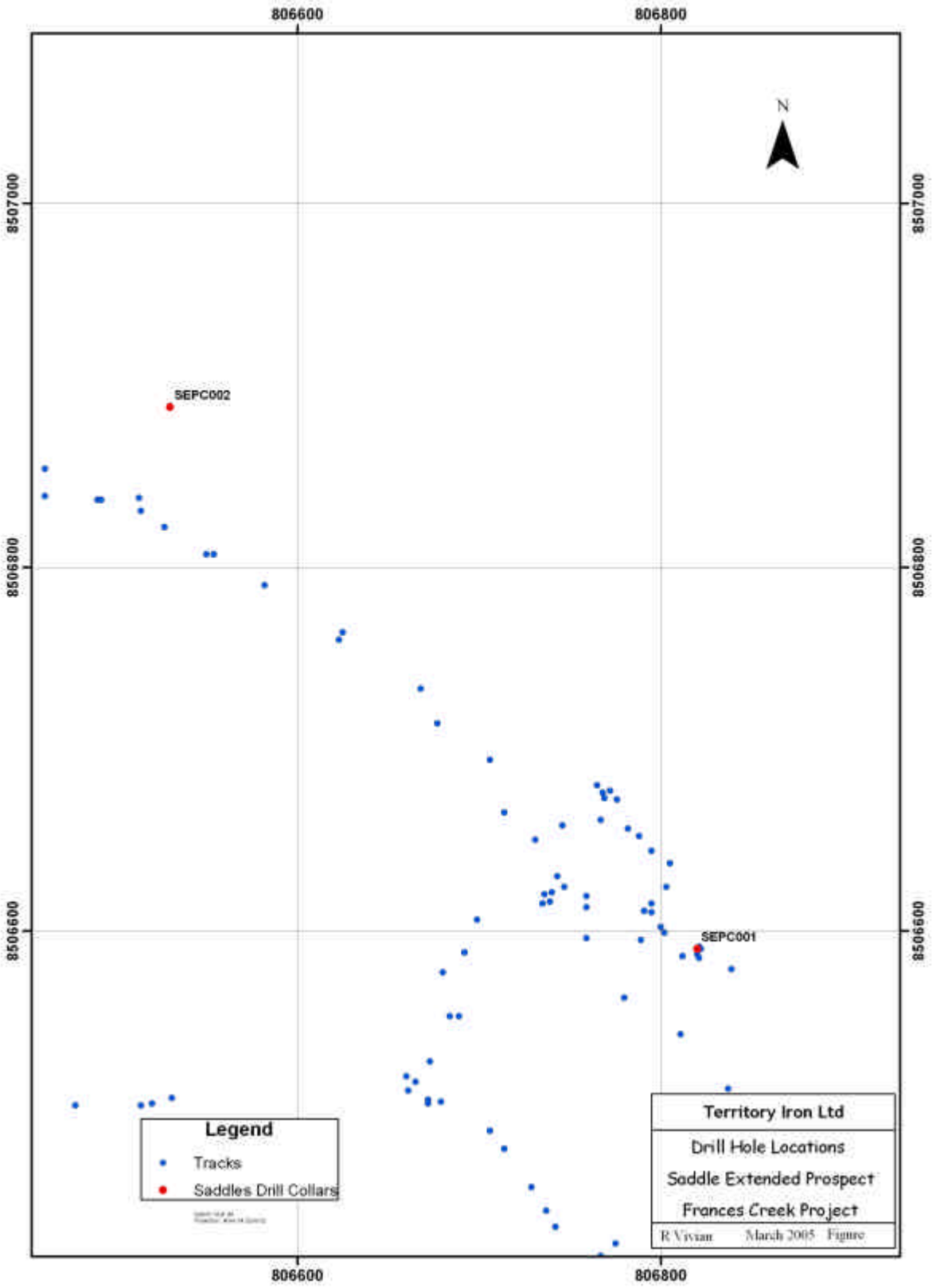

Figure 3 Drill Hole Locations Saddle Extended

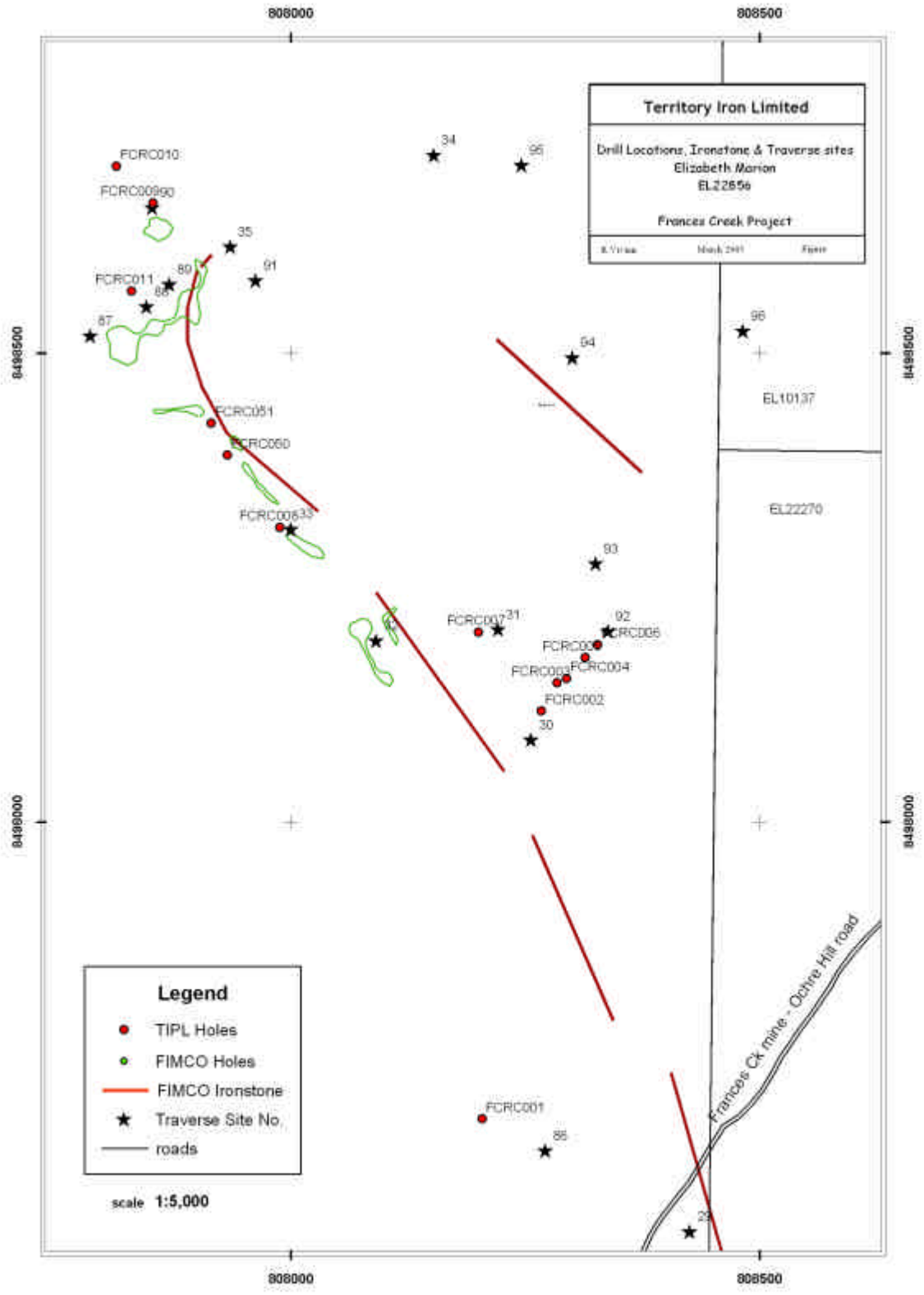

Figure 4 – Drill Hole Location, Ironstone & Traverse Sites Elizabeth Marion

The drilling was undertaken by Johannsen Drilling using an Edson HD 2000 drill rig with a 900 cfm x 350 psi compressor. Drill cuttings were collected via rig-mounted cyclone at one-metre intervals into green plastic sample bags, pre-numbered with hole number and drill from-to intervals, and stored in sequential order adjacent to each drill hole collar.

5.4 Sampling & Analyses

Karl Lindsay-Park logged the chips and 31 intervals with iron mineralisation were riffle split to 2-3 kg in weight and stored in numbered calico bags. Each calico bag was marked with a unique sequential number corresponding to that was recorded on the drill log sheet against the interval from which the sample was taken. A small, washed fraction of each drill interval was also collected in chip trays and transported for storage at Arnhem Geological and Exploration Services core facility in Darwin for possible future reference.

The 31 samples were submitted to North Australian Laboratories Pty Ltd at Pine Creek for sample preparation. Sample preparation comprised roll crushing and splitting to 1.5kg sample size. Each sample was pulverised in an LM5 mixer mill to p80/-100 microns to produce a 500g residue (retained by NAL) and a 100g pulp sample used for analysis. Pulps were road freighted to Ultra Trace Analytical Laboratories of Canning Vale in WA for analyses.

Pulps were cast, using a 12:22 flux with added sodium nitrate, to form a glass bead that was analysed by XRF for Fe, SiO_2, Al_2O_3, TiO_2, CaO, Mn, P, S, MgO and K_2O. Loss on Ignition was determined between 105°C and 1000°C and reported on a dry sample basis. Analyses results are in Appendix 2.

5.5 Gravity Reprocessing

Terrain correction of the gravity survey acquired by Haines Survey in 2003 was undertaken by Resource Potentials Pty Ltd to produce more meaningful residual Bouguer gravity results. The terrain correct residual Bouguer values are presented as a colour coded image in Figure 5.

5.6 Resource Estimation

A resource estimate was calculated for Saddle East by the end-members calculation method using old drill data. The current drilling data were not used in the estimate as drill hole collar positions relative to the old data were uncertain.

Polygons were drawn at a 55% Fe cut-off value to constrain the mineralisation on sections at typically 100 foot (~30m) spaced sections between sections 000 and 700. This area was selected on the basis of a visual inspection of the data which confirmed it as the area of more continuous and higher (>~55% Mn) grade mineralisation. Sectional grades were derived by weighting average hole grades by intercepts at cut-off grade. Deposit grade was then estimated by weighting sectional grades by sectional volumes. A tonnage factor of 3.00 (t/cu.m) was used to convert volume to tonnage.

Modelling was not carried out on any other deposit within EL22856.

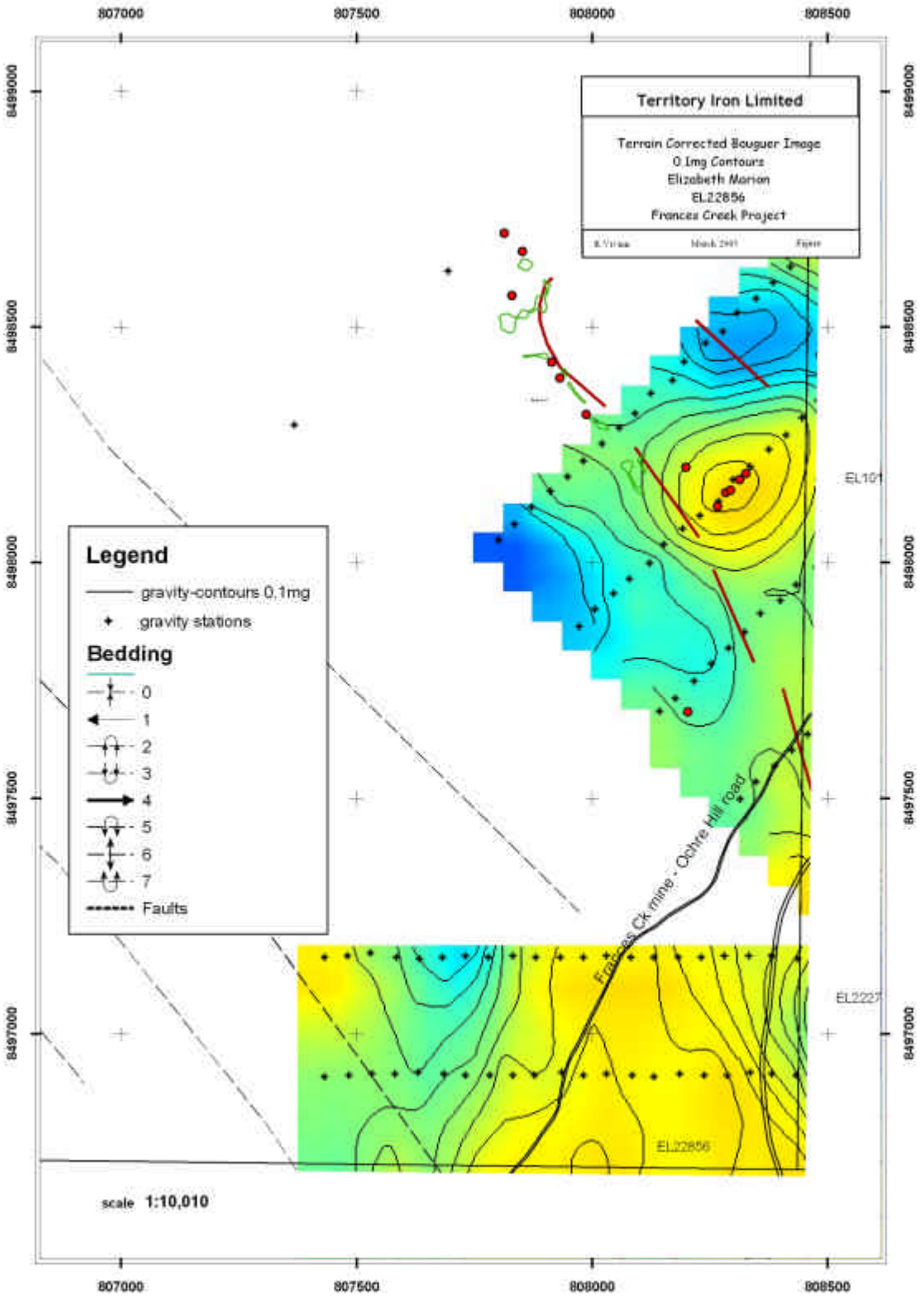

Figure 5: Terrain corrected Bouguer gravity image –EL22856 **11**

6. RESULTS & DISCUSSION

6.1 Literature Review

Summary descriptions of iron occurrences within EL22586 from the literature review are presented below. Occurrence locations are shown on Figure 1.

During the second half of 1961, exploration was carried out on two Saddle deposits: around 277m of wagon drilling in 14 holes at Saddle East, and a 24 metre hole at Saddle West.

In 1962, further wagon drilling was the main activity with around 171 holes for a total of approximately 4616 metres drilled at Saddle Extended, Saddle, Ochre Hill, Beryl, Jasmine, Rosemary, Thelma, Elizabeth Marion, Helene 1, Helene 2, Helene 3, Helene 5, Helene 6, Helene 7 and Helene 8 along with two deposits of uncertain location called Helene Extended or Masabachi and Mary Ann.

Greater than 55% iron intercepts were obtained at Saddle Extended, Saddle, Ochre Hill, Jasmine, Rosemary, Helene 1, Helene 2, Helene 3 and Helene 5.

Rock chip samples were collected mainly over the deposit outcrops. Consequently a high proportion of the samples returned more than 60% iron. They were analysed for iron, silica, alumina, phosphorus, sulphur, titanium, copper and cobalt. The highest iron values for the different deposits were Jasmine at 67.2%, Rosemary at 66.6%, Thelma at 67.7%, Helene 3 at 67.7%, Helene 5 at 67.5%, Helene 6 at 67.9%, Helene 7 at 67.9% and Helene 8 at 65.5%. The average phosphorus contents for the deposits were Saddle Extended at 0.24%, Saddle at 0.26%, Ochre Hill at 0.30%, Jasmine at 0.05%, Rosemary at 0.07%, Thelma at 0.11%, Helene 1 to 5 at 0.09%, Helene 6/8 at 0.03% and Helene Extended at 0.07%.

Single line ground magnetic traverses were undertaken at the Saddle Extended, Saddle, Ochre Hill, Jasmine, Thelma, Elizabeth Marion and Helene deposits. Magnetic anomalies were detected but were not considered to be associated with the iron units.

A poorly documented interpretation of aeromagnetic data was undertaken in late 1967: magnetic anomalies were considered to coincide with the Beryl, Jasmine, Rosemary and Elizabeth Marion deposits although the flight line spacing was noted as too large relative to the small deposit size.

Elizabeth Marion
The Elizabeth Marion deposit was wagon drilled in 1962 with nine holes being completed for some 222 metres. Analytical results are only available for four of these holes although it is apparent that many other samples from other holes were submitted for analysis. Further drilling of 8 holes was completed prior to middle 1973. The deposit is located on the fold axis of an anticline to the north of the Helene 1 deposit. From field observations, more than one constituent deposit is present. There is potential for the deposit to extend to the north beneath cover rocks.

Saddle
There are six constituent deposits at Saddle known as Saddle 1, Saddle 2, Saddle 3, Saddle 4, Saddle West and Saddle East. Sources do not always agree on the name of a given deposit. Little is known of the structure of the deposits but it is probable that they are multiple exposures of one horizon that has been folded. The Saddle deposit was explored by wagon

drilling in 1961 and 1962. In all 24 holes were drilled. Of the nine holes for around 248 metres drilled in 1962, three returned greater than 55% iron on analysis. At Saddle East the deposit dips at a low angle to the west sub parallel to the ground slope.

At Saddle Extended deposit, initial investigations were by wagon drilling in 1962. Nine holes were drilled of which four intersected mineralisation with greater than 55% iron. Before mining ceased in the Frances Creek area, at least 65 holes had been drilled at Saddle Extended. Two en echelon deposits are present that have a strike length of around 1 kilometre.

Resource estimates from past work for these deposits are reported as:

Saddle East	140Kt @ 60% Fe, 0.10% P;
Saddle	267Kt @ 57.8% Fe,).20% P;
Saddle West	n/a;
Saddle Extended	230Kt @ 61.5% Fe, 0.25% P.

McFarrars
In 1965, a NTGS reconnaissance visit was made north of Millers. At McFarrars deposit strike length is around 200 metres with a 15 metre maximum width. Almost uniquely, the strike direction is shown as northeast. Three rock chip samples collected across strike had 36.9% to 43.9% iron and 10.6% to 14.5% manganese with 56.2% maximum combined metals.

Egg Cup
Hard dense hematite occurs at the Egg Cup deposit. It is 24m in length and 1.5m in width. The deposit is partially covered by scree and has not been sampled.

Hamersley Iron Research 1999-2000
Hamersley Iron Pty Ltd undertook in October 1999 a brief reconnaissance of the Frances Creek district and a review of diamond core stored in the NTGS core farm, Darwin, to assess the district's potential for substance iron ore tonnage, Bowden (2000). As part of this study a suite of 47 samples from the Helene 6/7, Ochre Hill, Millers, Boots, Porcupine and Big Hill deposits were submitted for petrography to Pontifex, Adelaide. None were collected from the known deposits within El22856.

An interpretation was undertaken on 1987 to 1990 World Geoscience Consultant's Pine Creek aeromagnetic data by Hamersley Iron (Bowden, 2000). Two clear correlations between iron occurrences and magnetics were evident. The first consists of occurrences falling wholly within magnetic lows and were interpreted to be of hypogene origin. Saddle Extended and Egg Cup fall into this category. The second correlation was occurrences directly sitting on the flank of magnetic highs; and which were interpreted to be of supergene origin. Saddle falls into this category. A third group, iron occurrences sitting on the flank of magnetic anomalies, was more ambiguous and so of less certain origin. Saddle West and McFarrars fall into this category.

6.2 Territory Iron 2004 Drilling Results

Elizabeth Marion
Holes FCRC002 to 6 were sited to tested a gravity high; holes FCRC001, 7 to 8 and 11 to test for mineralisation under ironstone outcrop along the westerly dipping limb and nose of the prominent anticline in the prospect area, and holes FCRC009 and 10 were sited to test under a large knoll of iron rubble for mineralisation at depth.

The dominate rock type in all holes was weathered shale. Holes FCRC001 to 6, and 9 to 10 were barren of iron mineralisation, except for minor haematite from 34-40m in hole FCRC001.

Results for the remaining holes are:

FCRC007	minor iron from 8-11m; best one-metre was 46.7% Fe, 0.02% P.
FCRC008	limonite ±clay from 4-21m ranging from 50-56.8% Fe and averaging 54.4% Fe, 0.13% P, 2.9% Al_2O_3, 6.8% SiO_2 and 10.2% LOI.
FCRC011	haematite and limonite from 3-10m; best metre was 56.0% Fe. (comment: This hole probably did not intersect projected surface outcrop mineralisation.)
FCRC050	limonite and goethite from 3-10m; ranging from 42.3-55.7% Fe.
FCRC051	limonite from 4-14m; ranging from 33.1-51.5% Fe.

Whilst drilling was not extensive enough to typify the iron mineralisation at Elizabeth Marion, results do suggest that it is characterised by medium iron (mid 50s) and high phosphorous (plus 0.10%) values. LOI values are high (circa 10%) and suggest that a hydrate iron mineral (goethite) is the main iron mineral present.

The high LOI is of interest from an economic aspect. It suggests the possibility of +60% calcined iron grades at Elizabeth Marion, with 'iron credits' arising on calcining during smelting the ore. However, phosphorous values would remain an obstacle to achieving marketable ore.

The drilling on the gravity high was negative. Its location in the axial area of the anticline raises the possibility that the anomaly is caused by a density contrast between two lithologies: the Mundogie Sandstone occurring in the core of the anticline, and the Wildman Siltstone on the limbs and nose of the anticline.

Saddle East
Haematite mineralisation was intercepted in all three RAB holes; in hole SAPC001 from 0-11m depth with best interval (@58% Fe cut-off) of 60.1% Fe, 0.15% P, 3.3% Al_2O_3 and 7.7% SiO_2 between 3-5m; in hole SAPC002 from 0-9m depth with best interval (@58% Fe cut-off) of 60.9% Fe,0.1% P, 2.6% Al_2O_3 and 8.3% SiO_2 between 5-8m; and in hole SAPC003 haematite from 0-1m depth (not assayed).

Saddle Extended
Thin (<6m) intervals of haematitic and limonite shales and limonite were intercepted in both holes. Best iron value was 58.5% Fe associated with haematite from 13-14m in hole SEPC002.

The drilling at Saddle East confirms the general tenor of iron mineralisation reported by previous explorers.

6.3 Gravity Reprocessing

There is no noticeable difference between the terrain corrected residual Bouguer gravity image and the image of the uncorrected data. This was to be expected given the lack of marked elevation differences within the tenement.

6.4 Resource Estimate – Saddle East

An Inferred Resource of 106,000 tonnes at an average grade of 59.9% Fe was estimated for the Northern area of Millers prospect.

Average grades for other elements were not able to be calculated as Fe was the only element analysed by FIMCO.

7. EXPENDITURE

Total expenditure for the reporting year was $61,049.35 and is detailed in the NT Exploration Expenditure Statement attached as Appendix 3 to this report.

8. PROPOSED YEAR 3 PROGRAMME & EXPENDITURE

The proposed work for Year 3 is airborne magnetic survey (~500lkm), RAB drilling (1,000m) and resource modelling of iron targets within the EL. Expenditure for this programme is estimated at $35,000.

9. REFERENCES

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APPENDIX 1: GEOLOGICAL TRAVERSE NOTES

Geological Traversing May 2004 – Arnhem Geological Exploration Services

Site	East	North	Description
30	808425	8497563	A boulder outcrop of limonite breccia healed by limonite-goethite and clay. Clay is 30% of the rock, not good Fe ore. No contacts visible, but outcrop is 2 – 3m wide. Strike 330M
	808394	8497617	Limonite fragments in brown and purple siltstone. No weight.
	808384	8497773	Low outcrop of purple siltstone with lenses of limonite staining and fine quartz crystals. 335/ -60S. Not Fe ore.
31	808256	8498087	Minor boulders to 45cm of quartz-haematite veined purple siltstone. Some Py pseudomorphs in quartz. Not Fe ore.
32	808221	8498205	A boulder outcrop ~10m wide of brecciaed purple siltstone, goethite, limonite and some haematite. Manganese coated. Not Fe ore quality at surface.
	808221	8498255	End of outcrop
33	808091	8498193	Low lying boulder out crop of brecciaed purple and tan siltstone healed by lateritic limonite and haematite. Old bulldozer scrap. Some of the material has weight.
	808099	8498248	Brecciaed siltstone with lim-goe-hae healing joins (33)
	808070	8498233	Joins (33) to form a U shaped outcrop
	808029	8498290	Very low lying boulders of lim-goe-hae breccia near the tree base. Not much weight.
34	808000	8498312	Large boulder outcrop of siltstone breccia healed by limonite and haematite. Some goethite. Has some weight but does not look like good Fe ore. Some good quality haematite in the breccia. Is this a laterite developed over good mineralisation.
	807933	8498421	Siltstone breccia healed by iron. Fe content rising
	807883	8498469	End of outcrop, Fe content definitely better, some blocks of good quality material. Outcrop bending to 265M from 320M. More work need here after it's burnt off
35	808152	8498711	Scattered football sized lumps very hard, heavy haematite. Some specularite and quartz on vugh walls. Good stuff.
87	808271	8497649	Bulldozer costean, some Hae / lim boulders to football size.
	808233	8497710	Bulldozer costean, good quality hae. Hard and heavy. No contacts
88	807786	8498518	Eliz-Marion W Hill. Hae / lim healed Hae and siltstone breccia. Laterite developed over Fe zone? No contacts.
	807807	8498533	Hae / lim clay breccia healed by laterite. Some good quality boulders here.
	807819	8498534	More Hae / lim / goe breccia clay. This looks like a contact zone like at H9.
89	807846	8498549	Lim / hae / clay breccia. Very Rubbly. No contacts or surfaces that mean anything.
90	807870	8498573	Rubble outcrop of Lim / hae / goe breccia. Some clay, good stuff if we can get the clay out. (88) (89) and (90) form one semi-continuous outcrop of breccia / laterite. At (90) the outcrop swings from 240M to 335M.
91	807852	8498655	This is a very hard, heavy high-grade haematite boulder outcrop. Silisified? No contacts visible.
92	807962	8498577	Some good quality Hae float. Check after burn-off
	808137	8498602	Hae with minor clay float on flank of hill, up slope of E-Marion.

Site	East	North	Description
	808319	8498496	Bull dozer costean, very good quality Hae here. Float only?
	808450	8498482	Rubbly Hae / spec clay subcrop
93	808338	8498203	Flank of small hill, purple siltstone with minor qtz-hae vein material. Gravity High???
94	808325	8498275	Minor lateritic Hae / lim and siltstone float.
	808321	8498359	Boulder outcrop hae / lim laterite. Old bulldozer scrape, joins (94)
95	808300	8498495	Broad area of Hae-lim laterite and hae / spec boulders. Good looking stuff. (see 92)
	808242	8498530	Hae / lim breccia laterite and good looking hae / spec.
	808194	8498565	As above
	808114	8498592	Low lying widely spaced Hae / lim laterite on down slope to creek.

APPENDIX – 2 DRILL HOLE DATA

Drill Hole Collars

HOLE_ID	EASTING	NORTHING	MGA_E	MGA_N	Metric_E	Metric_N	RL	DEPTH
DDH1	-1002	1800	804695	8512316	-305.409	548.64	147.8	35.97
DDH2	-835	1800	804743.7	8512331	-254.508	548.64	141.7	60.05
DDH9	-1002	1800	804695	8512316	-305.409	548.64	147.8	19.51
MIWH01	-1009	1800	804693	8512315	-307.5	548.64	147.5	18.29
MIWH02	-1100	1800	804666.4	8512307	-335.28	548.64	143.8	24.38
MIWH03	-1200	1800	804637.3	8512298	-365.76	548.64	138.9	36.58
MIWH04	-1100	1900	804657.5	8512336	-335.28	579.12	142.9	9.14
MIWH05	-1100	1700	804675.3	8512278	-335.28	518.16	143.2	33.53
MIWH06	-1100	1600	804684.3	8512249	-335.28	487.68	143.2	36.58
MIWH07	-1100	1500	804693.2	8512220	-335.28	457.2	141.7	22.86
MIWH08	-1100	1400	804702.1	8512191	-335.28	426.72	143.5	33.53
MIWH09	-1100	1300	804711	8512162	-335.28	396.24	147.8	33.53
MIWH10	-1100	1200	804719.9	8512132	-335.28	365.76	148.4	18.29
MIWH10A	-1100	1200	804719.9	8512132	-335.28	365.76	148.4	15.24
MIWH11	-1200	1200	804690.8	8512123	-365.76	365.76	147.8	18.29
MIWH12	-1200	1300	804681.8	8512153	-365.76	396.24	148.7	24.38
MIWH13	-1200	1400	804672.9	8512182	-365.76	426.72	145.3	30.48
MIWH14	-1200	1500	804664	8512211	-365.76	457.2	144.4	18.29
MIWH15	-1200	1600	804655.1	8512240	-365.76	487.68	143.2	33.53
MIWH16	-1200	1700	804646.2	8512269	-365.76	518.16	141.1	21.34
MIWH17	-1200	1900	804628.4	8512328	-365.76	579.12	137.4	22.86
MIWH18	-1200	2000	804619.5	8512357	-365.76	609.6	136.5	28.96
MIWH20	-1200	2200	804601.6	8512415	-365.76	670.56	136.2	32
MIWH21	-1200	2300	804592.7	8512444	-365.76	701.04	135.6	33.53
MIWH25	-1300	2200	804572.5	8512406	-396.24	670.56	133.2	34.14
MIWH26	-1300	2100	804581.4	8512377	-396.24	640.08	132.8	15.24
MIWH27	-1300	2000	804590.3	8512348	-396.24	609.6	132.8	6.1
MIWH28	-1300	1900	804599.2	8512319	-396.24	579.12	132.8	9.14
MIWH29	-1300	1800	804608.1	8512289	-396.24	548.64	136.2	3.05
MIWH30	-1300	1700	804617.1	8512260	-396.24	518.16	137.1	22.86
MIWH31	-1300	1600	804626	8512231	-396.24	487.68	142.3	24.38
MIWH32	-1400	1700	804587.9	8512251	-426.72	518.16	139.2	24.38
MIWH33	-1400	1600	804596.8	8512222	-426.72	487.68	138.6	33.53
MIWH34	-1500	1600	804567.7	8512213	-457.2	487.68	136.5	30.48
MIWH35	-1500	1500	804576.6	8512184	-457.2	457.2	135	35.05
MIWH36	-1500	1400	804585.5	8512155	-457.2	426.72	134.1	28.96
MIWH37	-1500	1300	804594.4	8512126	-457.2	396.24	135.6	33.53
MIWH38	-1500	1200	804603.3	8512097	-457.2	365.76	134.7	33.53
MIWH39	-1500	1100	804612.2	8512068	-457.2	335.28	134.1	30.48
MIWH40	-1600	1100	804583.1	8512059	-487.68	335.28	131.6	10.97
MIWH41	-1600	1200	804574.2	8512088	-487.68	365.76	132.2	33.53
MIWH42	-1600	1300	804565.3	8512117	-487.68	396.24	133.5	18.29
MIWH43	-1600	1400	804556.3	8512146	-487.68	426.72	131	30.48
MIWH44	-1300	1100	804670.5	8512085	-396.24	335.28	140.5	24.38
MIWH45	-1400	1200	804632.5	8512106	-426.72	365.76	138	27.43
MIWH46	-1400	1100	804641.4	8512076	-426.72	335.28	136.8	24.38
MIWH47	-1600	1500	804547.4	8512175	-487.68	457.2	131	24.99
MIWH48	-1300	1200	804661.6	8512115	-396.24	365.76	142	27.43
MIWH49	-1300	1300	804652.7	8512144	-396.24	396.24	144.1	24.38
MIWH50	-1400	1300	804623.5	8512135	-426.72	396.24	138.6	42.67
MIWH51	-1300	1400	804643.8	8512173	-396.24	426.72	144.7	12.19
MIWH52	-1400	1400	804614.6	8512164	-426.72	426.72	138.6	30.48
MIWH53	-1400	1500	804605.7	8512193	-426.72	457.2	138	30.48
MIWH54	-1600	2400	804467.2	8512438	-487.68	731.52	124	24.38
MIWH55	-1600	2300	804476.1	8512408	-487.68	701.04	124	21.34
MIWH56	-1600	2200	804485	8512379	-487.68	670.56	125.5	24.38
MIWH57	-1600	2100	804494	8512350	-487.68	640.08	126.4	24.38
MIWH58	-1600	2000	804502.9	8512321	-487.68	609.6	127.7	30.48
MIWH59	-1600	1900	804511.8	8512292	-487.68	579.12	128.3	24.38

MIWH60	-1600	1800	804520.7	8512263	-487.68	548.64	130.4	30.48
MIWH61	-1600	1700	804529.6	8512234	-487.68	518.16	132.8	30.48
MIWH62	-1600	1600	804538.5	8512204	-487.68	487.68	132.8	21.34
MIWH63	-1500	2400	804496.4	8512447	-457.2	731.52	126.1	21.34
MIWH64	-1500	2300	804505.3	8512417	-457.2	701.04	126.8	12.19
MIWH65	-1500	1900	804540.9	8512301	-457.2	579.12	130.4	24.38
MIWH66	-1500	2100	804523.1	8512359	-457.2	640.08	128.3	21.34
MIWH67	-1400	1900	804570.1	8512310	-426.72	579.12	131.9	24.38
MIWH68	-1400	1800	804579	8512281	-426.72	548.64	135.9	24.38
MIWH69	-1400	2100	804552.3	8512368	-426.72	640.08	130.1	21.34
MIWH70	-1500	2200	804514.2	8512388	-457.2	670.56	128	15.24
MIWH71	-1400	2200	804543.3	8512397	-426.72	670.56	130.1	21.34
MIWH72	-1400	2000	804561.2	8512339	-426.72	609.6	130.4	27.43
MIWH73	-1500	2000	804532	8512330	-457.2	609.6	128.6	19.81
MIWH74	-1400	2300	804534.4	8512426	-426.72	701.04	129.5	18.29
MIWH75	-1400	2400	804525.5	8512455	-426.72	731.52	129.2	18.29
MIPC01	-1000	1600	804713.4	8512258	-304.8	487.68	141.7	6.1
MIPC02	-1000	1600	804713.4	8512258	-304.8	487.68	141.7	36.58
MIPC03	-1025	1697	804697.5	8512284	-312.42	517.246	146	24.38
MIPC04	-1025	1697	804697.5	8512284	-312.42	517.246	146	9.14
MIPC05	-995	1800	804697	8512317	-303.276	548.64	148.4	36.58
MIPC06	-995	1800	804697	8512317	-303.276	548.64	148.4	27.43
MIPC07	-965	1900	804696.9	8512348	-294.132	579.12	150.5	24.38
MIPC08	-965	1900	804696.9	8512348	-294.132	579.12	150.5	30.48
MIPC09	-975	2000	804685	8512377	-297.18	609.6	151.7	24.38
MIPC10	-975	2000	804685	8512377	-297.18	609.6	151.7	42.67
MIPC11	-1000	2100	804668.8	8512404	-304.8	640.08	147.8	36.58
MIPC12	-1000	2100	804668.8	8512404	-304.8	640.08	147.8	30.48
MIPC13	-1000	2200	804659.9	8512433	-304.8	670.56	147.5	36.58
MIPC14	-1000	2200	804659.9	8512433	-304.8	670.56	147.5	36.58
MIPC15	-1000	2300	804651	8512462	-304.8	701.04	145.6	15.24
MIPC16	-1000	2300	804651	8512462	-304.8	701.04	145.6	27.43
MIPC17	-1031	2400	804633.1	8512488	-314.249	731.52	140.8	21.34
MIPC18	-1031	2400	804633.1	8512488	-314.249	731.52	140.8	33.53
MIPC19	-1000	2500	804633.2	8512520	-304.8	762	140.5	33.53
MIPC20	-1000	2500	804633.2	8512520	-304.8	762	140.5	33.53
MIPC21	-1000	2500	804633.2	8512520	-304.8	762	140.5	42.67
MIPC22	-950	2500	804647.8	8512525	-289.56	762	139.2	30.48
MIPC23	-1000	2600	804624.3	8512549	-304.8	792.48	138.9	36.58
MIPC24	-1000	2600	804624.3	8512549	-304.8	792.48	138.9	42.67
MIPC25	-1000	2700	804615.4	8512579	-304.8	822.96	135.6	9.14
MIPC26	-1000	2700	804615.4	8512579	-304.8	822.96	135.6	18.29
MIPC27	-700	2600	804711.7	8512576	-213.36	792.48	135	30.48
MIPC28	-450	2600	804784.6	8512598	-137.16	792.48	140.2	36.58
MIPC29	-450	2600	804784.6	8512598	-137.16	792.48	140.2	42.67
MIPC30	-500	2700	804761.1	8512623	-152.4	822.96	138.6	36.58
MIPC31	-500	2700	804761.1	8512623	-152.4	822.96	138.6	33.53
MIPC32	-500	2800	804752.2	8512652	-152.4	853.44	138.6	6.1
MIPC33	-450	2800	804766.8	8512657	-137.16	853.44	140.8	30.48
MLPC001			804667		8512695		125	14
MLPC002			804738		8512610		135	39
MLPC003			804704		8512313		147.8	39

Drill Hole Survey

HOLE_ID	DEPTH	MAG_AZIM	DIP
DDH1	35.97	70	-45
DDH2	60.05	250	-45
DDH9	19.51		-90
MIWH01	18.29		-90
MIWH02	24.38		-90
MIWH03	36.58		-90
MIWH04	9.14		-90
MIWH05	33.53		-90
MIWH06	36.58		-90
MIWH07	22.86		-90
MIWH08	33.53		-90
MIWH09	33.53		-90
MIWH10	18.29		-90
MIWH10A	15.24		-90
MIWH11	18.29		-90
MIWH12	24.38		-90
MIWH13	30.48		-90
MIWH14	18.29		-90
MIWH15	33.53		-90
MIWH16	21.34		-90
MIWH17	22.86		-90
MIWH18	28.96		-90
MIWH20	32		-90
MIWH21	33.53		-90
MIWH25	34.14		-90
MIWH26	15.24		-90
MIWH27	6.1		-90
MIWH28	9.14		-90
MIWH29	3.05		-90
MIWH30	22.86		-90
MIWH31	24.38		-90
MIWH32	24.38		-90
MIWH33	33.53		-90
MIWH34	30.48		-90
MIWH35	35.05		-90
MIWH36	28.96		-90
MIWH37	33.53		-90
MIWH38	33.53		-90
MIWH39	30.48		-90
MIWH40	10.97		-90
MIWH41	33.53		-90
MIWH42	18.29		-90
MIWH43	30.48		-90
MIWH44	24.38		-90
MIWH45	27.43		-90
MIWH46	24.38		-90
MIWH47	24.99		-90
MIWH48	27.43		-90
MIWH49	24.38		-90
MIWH50	42.67		-90
MIWH51	12.19		-90
MIWH52	30.48		-90
	30.48		-90

MIWH53			
MIWH54	24.38		-90
MIWH55	21.34		-90
MIWH56	24.38		-90
MIWH57	24.38		-90
MIWH58	30.48		-90
MIWH59	24.38		-90
MIWH60	30.48		-90
MIWH61	30.48		-90
MIWH62	21.34		-90
MIWH63	21.34		-90
MIWH64	12.19		-90
MIWH65	24.38		-90
MIWH66	21.34		-90
MIWH67	24.38		-90
MIWH68	24.38		-90
MIWH69	21.34		-90
MIWH70	15.24		-90
MIWH71	21.34		-90
MIWH72	27.43		-90
MIWH73	19.81		-90
MIWH74	18.29		-90
MIWH75	18.29		-90
MIPC01	6.1	73	-30
MIPC02	36.58		-90
MIPC03	24.38	73	-30
MIPC04	9.14		-90
MIPC05	36.58	73	-30
MIPC06	27.43		-90
MIPC07	24.38	73	-30
MIPC08	30.48		-90
MIPC09	24.38	73	-30
MIPC10	42.67		-90
MIPC11	36.58	73	-30
MIPC12	30.48		-90
MIPC13	36.58	73	-30
MIPC14	36.58		-90
MIPC15	15.24	73	-30
MIPC16	27.43		-90
MIPC17	21.34	73	-30
MIPC18	33.53		-90
MIPC19	33.53	73	-30
MIPC20	33.53	73	-45
MIPC21	42.67		-90
MIPC22	30.48	73	-45
MIPC23	36.58	73	-30
MIPC24	42.67		-90
MIPC25	9.14	73	-30
MIPC26	18.29		-90
MIPC27	30.48		-90
MIPC28	36.58	73	-45
MIPC29	42.67		-90
MIPC30	36.58	73	-30
MIPC31	33.53		-90
MIPC32	6.1		-90
MIPC33	30.48		-90
MLPC001	14	70	-60

MLPC002	39	70	-60
MLPC003	39	70	-60

Drill Hole Logs

HOLE_ID	FROM	TO	ROCK1	ROCK2	COL1	COL2	TEXT1	Alt	Min1	Min2	Min3	Weath	%Rec	%Chi
DDH1	0	7.01	NL										0	
DDH1	7.01	10.1	FE	Li	bn		vug		Hm	2	Pl		95	
DDH1	10.06	13.1	FE	Hm	bn	bk			Hm	3	Pl		98	
DDH1	13.11	16.2	FE	Li	yw	bk	vug		Li	4	Pl		90	
DDH1	16.15	19.2	FE	Li	yw				Go	2	Pl		98	
DDH1	19.2	25.3	FE	Li	yw				Go	2	Pl		98	
DDH1	25.3	28.4	FE	Li	yw		mott		Hm	2	Pl		95	
DDH1	28.35	33.8	FE	Li	yw				Hm	1	Pl		100	
DDH1	33.83	36	Sgw		rd	bn							90	
DDH2	0	6.1	NL										0	
DDH2	6.1	14.6	Sgw		rd	bn	band						72	
DDH2	14.63	33.5	Sgw		rd	bn	mass						41	
DDH2	33.53	46	Sgw		rd	bn	mass						90	
DDH2	46.02	47.2	Qv				vn		Pl	1			40	
DDH2	47.24	60.1	Sgw				bedd						90	
DDH9	0	5.41	NL										0	
DDH9	5.41	5.49	FE	Li					Hm	1			20	
DDH9	5.49	7.01	Sgw	Cy				Cy				SW	20	
DDH9	7.01	7.62	Qv				vn		Hm				10	
DDH9	7.62	14.9	FE	Li			vug		Hm	3	Pl			
DDH9	14.94	19.5	Sgw									SW	35	
MIWH01	0	18.3	NL											
MIWH02	0	24.4	NL											
MIWH03	0	36.6	NL											
MIWH04	0	9.14	NL											
MIWH05	0	33.5	NL											
MIWH06	0	36.6	NL											
MIWH07	0	22.9	NL											
MIWH08	0	33.5	NL											
MIWH09	0	33.5	NL											
MIWH10	0	18.3	NL											
MIWH10A	0	15.2	NL											
MIWH11	0	18.3	NL											
MIWH12	0	24.4	NL											
MIWH13	0	30.5	NL											
MIWH14	0	18.3	NL											
MIWH15	0	33.5	NL											
MIWH16	0	21.3	NL											
MIWH17	0	22.9	NL											
MIWH18	0	29	NL											
MIWH20	0	32	NL											
MIWH21	0	33.5	NL											
MIWH25	0	34.1	NL											
MIWH26	0	15.2	NL											
MIWH27	0	6.1	NL											
MIWH28	0	9.14	NL											
MIWH29	0	3.05	NL											
MIWH30	0	22.9	NL											
MIWH31	0	24.4	NL											
MIWH32	0	24.4	NL											
MIWH33	0	33.5	NL											
MIWH34	0	30.5	NL											
MIWH35	0	35.1	NL											
MIWH36	0	29	NL											
MIWH37	0	33.5	NL											
MIWH38	0	33.5	NL											
MIWH39	0	30.5	NL											
MIWH40	0	11	NL											
MIWH41	0	33.5	NL											
MIWH42	0	18.3	NL											

MIWH43	0	30.5	NL							
MIWH44	0	24.4	NL							
MIWH45	0	27.4	NL							
MIWH46	0	24.4	NL							
MIWH47	0	25	NL							
MIWH48	0	27.4	NL							
MIWH49	0	24.4	NL							
MIWH50	0	42.7	NL							
MIWH51	0	12.2	NL							
MIWH52	0	30.5	NL							
MIWH53	0	30.5	NL							
MIWH54	0	24.4	NL							
MIWH55	0	21.3	NL							
MIWH56	0	24.4	NL							
MIWH57	0	24.4	NL							
MIWH58	0	30.5	NL							
MIWH59	0	24.4	NL							
MIWH60	0	30.5	NL							
MIWH61	0	30.5	NL							
MIWH62	0	21.3	NL							
MIWH63	0	21.3	NL							
MIWH64	0	12.2	NL							
MIWH65	0	24.4	NL							
MIWH66	0	21.3	NL							
MIWH67	0	24.4	NL							
MIWH68	0	24.4	NL							
MIWH69	0	21.3	NL							
MIWH70	0	15.2	NL							
MIWH71	0	21.3	NL							
MIWH72	0	27.4	NL							
MIWH73	0	19.8	NL							
MIWH74	0	18.3	NL							
MIWH75	0	18.3	NL							
MIPC01	0	3.05	Osd		bn					
MIPC01	3.05	6.1	Cav	Sl	bn	dkgy				
MIPC02	0	3.05	Osd		yw	bn				
MIPC02	3.05	6.1	Su		bn					
MIPC02	6.1	9.14	Sl		bn					
MIPC02	9.14	18.3	Sl		ybr					
MIPC02	18.29	21.3	Su	FE	bn				Hm	2
MIPC02	21.34	27.4	FE		gy	bk			Hm	3
MIPC02	27.43	30.5	Ss	FE	bn				Hm	2
MIPC02	30.48	36.6	Ss		bn					
MIPC03	0	3.05	Ogr						Hm	2
MIPC03	3.05	9.14	Ss		bn		fg	sil		
MIPC03	9.14	15.2	Ss	FE	bn		fg		Hm	2
MIPC03	15.24	21.3	FE	Su	pu	bk			Hm	3
MIPC03	21.34	24.4	Sl	FE	dkbn				Hm	2
MIPC04	0	6.1	Sl		pk	wh				
MIPC04	6.1	9.14	Cav	Ss	bn					
MIPC05	0	6.1	Osd		pk					
MIPC05	6.1	15.2	Su		pu	bn				
MIPC05	15.24	18.3	FE	Su	bn					
MIPC05	18.29	24.4	FE	Su	bn					
MIPC05	24.38	30.5	FE	Su	bn					
MIPC05	30.48	33.5	Sl		ltbn					
MIPC05	33.53	36.6	Sl		pu	pk		cy		
MIPC06	0	7.62	Osd		or	bn				
MIPC06	7.62	12.2	FE		bn	bk				
MIPC06	12.19	15.2	FE	Sl	bk	pu			Hm	2
MIPC06	15.24	18.3	Sl		pk					
MIPC06	18.29	27.4	Ss		bn		fg			
MIPC07	0	6.1	Osd		pk					
MIPC07	6.1	9.14	Ss		bn		fg			
MIPC07	9.14	12.2	FE		pu	bn				

MIPC07	12.19	15.2	FE		dkbn							
MIPC07	15.24	24.4	Cav									0
MIPC08	0	18.3	Sl		pk							
MIPC08	18.29	30.5	Sl	FE	bn							
MIPC09	0	3.05	Ogr	FE								
MIPC09	3.05	6.1	Sl		or	bn						
MIPC09	6.1	12.2	Sl		pk	bn						
MIPC09	12.19	15.2	Sl		bn							
MIPC09	15.24	18.3	Sl	FE	dkbn							
MIPC09	18.29	24.4	Cav									0
MIPC10	0	3.05	Osd		bn	or		sil				
MIPC10	3.05	9.14	Sl		wh			cy				
MIPC10	9.14	15.2	Ss		pk	bn	fg					
MIPC10	15.24	27.4	Ss		rbr	pk	fg					
MIPC10	27.43	33.5	Ss		rbr		fg					
MIPC10	33.53	36.6	Sl		bn							
MIPC10	36.58	39.6	Ss	FE	dkgy							
MIPC10	39.62	42.7	Sl	FE	dkgy							
MIPC11	0	3.05	Ogr		or				Li	1		
MIPC11	3.05	9.14	Sl		pk							
MIPC11	9.14	12.2	Sl		pk	bn						
MIPC11	12.19	15.2	Sl		bn							
MIPC11	15.24	18.3	Sl	FE	dkbn	bk						
MIPC11	18.29	30.5	Sl	FE	bn							
MIPC11	30.48	33.5	Sl		bn			cy				
MIPC11	33.53	36.6	Sh		gy							
MIPC12	0	6.1	Ogr		rd	bn	cg		Mn	1		
MIPC12	6.1	30.5	Ss		rd	bn						
MIPC13	0	6.1	FE	Ogr			cg					
MIPC13	6.1	33.5	Ss	FE	bk	bn			Mn	1		
MIPC13	33.53	36.6	Ss	Cav	bk	bn			Mn	1		50
MIPC14	0	9.14	Ogr		dkgy	bk			Mn	1		
MIPC14	9.14	27.4	Sl		pu	rd						
MIPC14	27.43	36.6	Ss	FE	dkgy							
MIPC15	0	12.2	FE	Ogr	bn	bk						
MIPC15	12.19	15.2	FE		bn	bk						50
MIPC16	0	12.2	FE	Ogr	bn	bk						
MIPC16	12.19	27.4	Sl		gy	pu						
MIPC17	0	21.3	FE		bk	gy						
MIPC18	0	33.5	FE		bk	gy						
MIPC19	0	15.2	Sh		bn	gy						
MIPC19	15.24	30.5	FE		bk	bn						
MIPC19	30.48	33.5	FE		dkbn							
MIPC20	0	3.05	Sh		ltbn	pk						
MIPC20	3.05	6.1	Sh		ltgy							
MIPC20	6.1	9.14	Sh		pk							
MIPC20	9.14	12.2	Sh		ltgy							
MIPC20	12.19	18.3	FE		bk							
MIPC20	18.29	21.3	FE		dkbn							
MIPC20	21.34	33.5	FE		dkbn	bk						
MIPC21	0	30.5	Sh		wh	pk	fg					
MIPC21	30.48	33.5	Sh	Sl	ltbn							
MIPC21	33.53	42.7	Ss		ltbn		fg					
MIPC22	0	3.05	Hm		pu	bk			Hm	3		
MIPC22	3.05	15.2	FE		bn							
MIPC22	15.24	18.3	FE		bk	bn						
MIPC22	18.29	21.3	Su	FE								
MIPC22	21.34	27.4	Ss	FE								
MIPC22	27.43	30.5	Ss		ltbn							
MIPC23	0	6.1	FE		bn	gy						
MIPC23	6.1	36.6	FE		gy							
MIPC24	0	6.1	FE		bn	gy			Li	2		
MIPC24	6.1	39.6	FE		gy							
MIPC24	39.62	42.7	FE		gy							50
MIPC25	0	6.1	FE		rd				Hm	2		

MIPC25	6.1	9.14	Su		bn								
MIPC26	0	3.05	FE		gy								
MIPC26	3.05	6.1	FE		gy		cg						
MIPC26	6.1	12.2	FE	Su	bn	rd							
MIPC26	12.19	18.3	FE	Su	bn	rd							50
MIPC27	0	3.05	Osd		yw	or							
MIPC27	3.05	6.1	Sh		pk		slty						
MIPC27	6.1	18.3	Sh		pk	bn	slty						
MIPC27	18.29	30.5	Sh		gy	gn							
MIPC28	0	6.1	FE	Ogr	yw	bn		Li	2				
MIPC28	6.1	9.14	FE		dkbn	bk							
MIPC28	9.14	12.2	FE		bk	dkbn							
MIPC28	12.19	15.2	FE					Li	2				
MIPC28	15.24	18.3	FE		bn								
MIPC28	18.29	21.3	Sl		bn								
MIPC28	21.34	27.4	Sl		pk	bn							
MIPC28	27.43	36.6	Sl		bn								
MIPC29	0	3.05	Ogr	FE				Li	1				
MIPC29	3.05	6.1	FE				fg						
MIPC29	6.1	9.14	FE		bn	bk		Hm	2				
MIPC29	9.14	15.2	FE		bk								
MIPC29	15.24	18.3	Sl	FE	bn								
MIPC29	18.29	21.3	FE		bn								
MIPC29	21.34	30.5	Sh		pk		slty						
MIPC29	30.48	42.7	Sh		gn	bn	slty						
MIPC30	0	3.05	Osd		rbr								
MIPC30	3.05	21.3	Sh		wh	gy							
MIPC30	21.34	24.4	FE		bn								
MIPC30	24.38	27.4	FE		bn								
MIPC30	27.43	36.6	Sl		pk								
MIPC31	0	33.5	Sh		wh	gy							
MIPC32	0	3.05	FE		bn	bk							
MIPC32	3.05	6.1	FE		bk								
MIPC33	0	3.05	Osd		rbr								
MIPC33	3.05	6.1	Osd		yw	bn							
MIPC33	6.1	9.14	Su		bn								
MIPC33	9.14	15.2	FE		bn								
MIPC33	15.24	21.3	FE		bk								
MIPC33	21.34	24.4	Sl		bn								
MIPC33	24.38	27.4	Sl		bn			Hm	1				
MIPC33	27.43	30.5	Ss		yw	bn	slty						
MLPC001	0	1	GO	HM	bn		mass	Go	3		MW	30	50
MLPC001	1	2	LI	Sl	yw	bn	mass	Li	2		MW	70	30
MLPC001	2	3	Sl	LI	bn	yw	fg	Li	1		MW	70	20
MLPC001	3	4	Sl	LI	yw	bn	fg	Li	1		MW	100	10
MLPC001	4	5	Sl		bn		fg				MW	100	10
MLPC001	5	6	Sl		bn		fg				MW	50	10
MLPC001	6	7	Sl		bn		fg	Li	1		MW	50	10
MLPC001	7	8	Sl		bn		fg	Li	1		MW	70	2
MLPC001	8	9	Sl		bn		fg	Li	1		MW	80	2
MLPC001	9	10	Sl		bn	gy	fg				MW	70	5
MLPC001	10	11	Sl		bn	gy	fg				MW	80	5
MLPC001	11	12	Sl	Cy	bn		fg				MW	50	2
MLPC001	12	13	Sl	Cy	bn						MW	10	2
MLPC001	13	14	NR									0	0
MLPC002	0	1	GO	Cy	bn		mass	Go	3		MW	10	40
MLPC002	1	2	Sl	Cy	yw		fg	Li	1		MW	50	20
MLPC002	2	3	Sl	Cy	yw		fg	Li	1		MW	60	20
MLPC002	3	4	Sl	LI	yw	bn	fg	Li	2		MW	80	10
MLPC002	4	5	Sl		bn		fg	Li	1		MW	100	5
MLPC002	5	6	Sl		bn		fg	Go	1		MW	100	5
MLPC002	6	7	Sl		bn		fg				MW	80	2
MLPC002	7	8	Sl		bk		fg				MW	100	2
MLPC002	8	9	Sl		bk		fg				MW	100	2
MLPC002	9	10	Sl	Cy	bk	pk	fg				MW	100	2

MLPC002	10	11	Sl		bn		fg			MW	100	1
MLPC002	11	12	Sl		bn		fg			SW	100	1
MLPC002	12	13	Sl		bn		fg			SW	100	2
MLPC002	13	14	Sl		bn		fg			SW	100	5
MLPC002	14	15	Sl		bn		fg			SW	100	2
MLPC002	15	16	Sl		bn		fg			SW	100	3
MLPC002	16	17	Cy	Sl	pk	bn	fg			SW	100	2
MLPC002	17	18	Cy		pk		mass			SW	100	1
MLPC002	18	19	Cy		pk		mass			SW	80	0
MLPC002	19	20	CY		pk		mass			SW	80	1
MLPC002	20	21	Cy		pk		mass			SW	100	1
MLPC002	21	22	Cy		pk		mass			SW	100	1
MLPC002	22	23	Cy	Sl	pk	bn	mass			SW	100	1
MLPC002	23	24	Cy	Sl	pk		mass			SW	100	2
MLPC002	24	25	Cy	Sl	pk	bn	mass			SW	100	2
MLPC002	25	26	Cy	Sl	pk	bn	mass			SW	100	2
MLPC002	26	27	Cy		bn		mass			SW	100	1
MLPC002	27	28	Cy	Sl	bn	bk	mass			SW	100	2
MLPC002	28	29	Sl	Qv	bn		fg			SW	100	5
MLPC002	29	30	Sl		bn		fg			SW	100	2
MLPC002	30	31	Sl		bn		fg			SW	100	1
MLPC002	31	32	Sl		bn		fg			SW	100	2
MLPC002	32	33	Sl		bn		fg			SW	100	2
MLPC002	33	34	Sl	Qv	bn	wh	fg			SW	100	2
MLPC002	34	35	Cy		bn		mass			SW	100	1
MLPC002	35	36	Cy	Sl	bn		mass			SW	100	2
MLPC002	36	37	Sl	Cy	bn		fg			SW	100	5
MLPC002	37	38	Sl	Cy	bn		mg			SW	100	5
MLPC002	38	39	Ss	Cy	bn		mg			SW	100	5
MLPC003	0	1	GO	Sl	bn		mass	Go	3	MW	50	50
MLPC003	1	2	GO		bn		mass	Go	3	MW	60	40
MLPC003	2	3	Cy	GO	or	bn	mass	Go	1	MW	80	20
MLPC003	3	4	Sl	Qv	bn	wh	fg			SW	100	10
MLPC003	4	5	Sl	Qv	bn	wh	fg			SW	100	10
MLPC003	5	6	HM		pu		mass	Hm	3	MW	100	10
MLPC003	6	7	HM	Qv	pu		mass	Hm	3	MW	100	10
MLPC003	7	8	HM	Qv	bn		mass	Go	3	MW	100	10
MLPC003	8	9	Sl		bn		fg	Hm	2	MW	100	10
MLPC003	9	10	Sl		bn		fg	Hm	2	MW	100	10
MLPC003	10	11	Sl		bn		fg	Hm	2	MW	100	10
MLPC003	11	12	Sl		bn		fg	Go	2	MW	100	10
MLPC003	12	13	HM		rd	bn	mass	Hm	3	MW	100	10
MLPC003	13	14	GO		bn		mass	Go	3	MW	100	10
MLPC003	14	15	GO		bn		mass	Go	3	MW	100	10
MLPC003	15	16	GO		bn		mass	Go	3	MW	100	15
MLPC003	16	17	GO	LI	bn	yw	mass	Go	4	MW	100	5
MLPC003	17	18	GO	LI	bn	yw	mass	Go	3	MW	100	10
MLPC003	18	19	Ss	GO	bn		mg	Go	2	MW	100	15
MLPC003	19	20	Ss	GO	bn	yw	mg	Go	2	MW	100	10
MLPC003	20	21	Sl	GO	bn		fg	Go	2	MW	100	5
MLPC003	21	22	Sl	GO	bn		fg	Go	2	MW	100	5
MLPC003	22	23	Sl	GO	bn		fg	Go	2	MW	100	5
MLPC003	23	24	Sl	GO	bn		fg	Go	2	MW	100	5
MLPC003	24	25	Sl	GO	bn		fg	Go	2	MW	100	5
MLPC003	25	26	Sl	GO	bn		fg	Go	2	MW	100	5
MLPC003	26	27	Sl	GO	bn		fg	Go	2	MW	100	10
MLPC003	27	28	Sl	GO			fg	Go	2	MW	100	10
MLPC003	28	29	Sl	GO	bn		fg	Go	2	MW	100	10
MLPC003	29	30	Sl	GO	bn		fg	Go	2	MW	100	10
MLPC003	30	31	Sl		bn		fg			MW	100	10
MLPC003	31	32	Sl		bn	gy	fg			MW	100	5
MLPC003	32	33	Sl	Cy	bn	pk	fg			MW	100	2
MLPC003	33	34	Cy		pk		mass			MW	100	2
MLPC003	34	35	Cy		pk		mass			SW	100	2
MLPC003	35	36	Cy		pk		mass			SW	100	2

MLPC003	36	37	Cy	pk	gy	mass	SW	100	5
MLPC003	37	38	Cy	bn		mass	SW	100	5
MLPC003	38	39	Cy	bn		mass	SW	100	5

APPENDIX – 3 ANALYTICAL RESULTS

HoleID	From	To	Sample No.	Fe	P	Al2O3	SiO2	CaO	S	TiO2	Mn	MgO	K2O	LOI
MIWH01	0	1.52	1	28	0.11						1.2			
MIWH01	1.52	3.05	2	13	0.08						0.7			
MIWH01	3.05	4.57	3	10	0.05						0.55			
MIWH01	4.57	6.1	4	13	0.07						0.6			
MIWH01	6.1	7.62	5	12	0.06						0.45			
MIWH01	7.62	9.14	6	11	0.06						0.6			
MIWH01	9.14	10.67	7	15	0.09						2.5			
MIWH01	10.67	12.19	8	45	0.09						3.9			
MIWH01	12.19	13.72	9	33	0.07						3.4			
MIWH01	13.72	15.24	10	9	0.07						1.2			
MIWH01	15.24	16.76	11	18	0.08						1.5			
MIWH01	16.76	18.29	12	16	0.07						2			
MIWH02	0	1.52	13	25	0.07						2			
MIWH02	1.52	3.05	14	21	0.05						1.35			
MIWH02	3.05	4.57	15	14	0.03						0.8			
MIWH02	4.57	6.1	16	16	0.04						1.05			
MIWH02	6.1	7.62	17	14	0.02						0.55			
MIWH02	7.62	9.14	18	16	0.01						0.3			
MIWH02	9.14	10.67	19	14	0.01						0.55			
MIWH02	10.67	12.19	20	10	0.01						0.65			
MIWH02	12.19	13.72	21	8	0.02						0.3			
MIWH02	13.72	15.24	22	43	0.08						4			
MIWH02	15.24	16.76	23	39	0.01						4.7			
MIWH02	16.76	18.29	24	27	0.09						2.1			
MIWH02	18.29	19.81	25	41	0.07						3.5			
MIWH02	19.81	21.34	26	23	0.08						2.6			
MIWH02	21.34	24.38	27	6	0.03						0.45			
MIWH03	0	1.52	28	50	0.06						3.6			
MIWH03	1.52	3.05	29	53	0.06						3.7			
MIWH03	3.05	4.57	30	48	0.06						3.7			
MIWH03	4.57	6.1	31	17	0.07						1.7			
MIWH03	6.1	7.62	32	17	0.06						0.95			
MIWH03	7.62	9.14	33	24	0.04						1.5			
MIWH03	9.14	10.67	34	14	0.04						0.8			
MIWH03	10.67	12.19	35	14	0.03						0.55			
MIWH03	12.19	13.72	36	19	0.04						0.7			
MIWH03	13.72	15.24	37	27	0.04						1.65			
MIWH03	15.24	16.76	38	18	0.05						2.5			
MIWH03	16.76	18.29	39	24	0.04						1.4			
MIWH03	18.29	19.81	40	44	0.13						1.4			
MIWH03	19.81	21.34	41											
MIWH03	21.34	22.86	42	10	0.03						0.3			
MIWH03	22.86	24.38	43	14	0.04						0.4			
MIWH03	24.38	25.91	44	13	0.05						0.2			
MIWH03	25.91	27.43	45	11	0.05						0.2			
MIWH03	27.43	28.96	46	11	0.04						0.3			
MIWH03	28.96	30.48	47	17	0.05						0.7			
MIWH03	30.48	32	48	16	0.05						0.55			
MIWH03	32	33.53	49	18	0.05						0.8			
MIWH03	33.53	35.05	50	12	0.05						0.4			
MIWH03	35.05	36.58	51	10	0.05						0.15			
MIWH04	0	3.05	52	20	0.04						1.85			
MIWH04	3.05	4.57	53	14	0.02						1.4			
MIWH04	4.57	6.1	54	13	0.04						4.5			
MIWH04	6.1	7.62	55	30	0.03						4.3			
MIWH04	7.62	9.14	56	36	0.03						4.6			
MIWH05	0	13.72	NA											
MIWH05	13.72	15.24	57	17	0.05						0.15			
MIWH05	15.24	16.76	58	15	0.07						0.4			
MIWH05	16.76	18.29	59	15	0.06						0.35			
MIWH05	18.29	19.81	60	17	0.07						0.8			
MIWH05	19.81	21.34	61	16	0.06						0.95			

MIWH05	21.34	22.86	62	19	0.06	1.1
MIWH05	22.86	24.38	63	19	0.07	0.95
MIWH05	24.38	25.91	64	19	0.06	0.5
MIWH05	25.91	27.43	65	19	0.07	0.7
MIWH05	27.43	28.96	66	32	0.09	2.3
MIWH05	28.96	30.48	67	28	0.1	1.6
MIWH05	30.48	32	68	23	0.12	1.05
MIWH05	32	33.53	69	24	0.1	0.75
MIWH06	0	1.52	70	37	0.14	0.7
MIWH06	1.52	3.05	71	42	0.13	0.8
MIWH06	3.05	4.57	72	42	0.16	0.65
MIWH06	4.57	6.1	73	46	0.2	0.65
MIWH06	6.1	7.62	74	46	0.2	0.55
MIWH06	7.62	9.14	75	51	0.21	0.85
MIWH06	9.14	10.67	76	46	0.2	0.8
MIWH06	10.67	12.19	77	49	0.2	0.9
MIWH06	12.19	13.72	78	46	0.18	1.15
MIWH06	13.72	15.24	79	55	0.18	3.55
MIWH06	15.24	16.76	80	53	0.12	4.7
MIWH06	16.76	18.29	81	46	0.1	8.1
MIWH06	18.29	19.81	82	43	0.12	3.5
MIWH06	19.81	21.34	83	40	0.11	5.5
MIWH06	21.34	22.86	84	21	0.09	1.25
MIWH06	22.86	24.38	85	22	0.1	0.9
MIWH06	24.38	25.91	86	19	0.1	0.8
MIWH06	25.91	27.43	87	40	0.14	3.15
MIWH06	27.43	28.96	88	42	0.13	11
MIWH06	28.96	30.48	89	42	0.13	10
MIWH06	30.48	32	90	43	0.14	7.5
MIWH06	32	33.53	91	46	0.18	3.35
MIWH06	33.53	35.05	92	43	0.15	6.5
MIWH06	35.05	36.58	93	46	0.15	6
MIWH07	0	8.53	NA			
MIWH07	8.53	10.67	94	17	0.09	0.1
MIWH07	10.67	12.19	95	25	0.13	0.3
MIWH07	12.19	13.72	96	32	0.17	0.5
MIWH07	13.72	15.24	97	36	0.19	0.65
MIWH07	15.24	16.76	98	29	0.13	0.65
MIWH07	16.76	18.29	99	13	0.06	0.5
MIWH07	18.29	19.81	100	14	0.06	1.45
MIWH07	19.81	21.34	101	27	0.1	2.6
MIWH07	21.34	22.86	102	31	0.14	7.5
MIWH08	0	15.24	NA			
MIWH08	15.24	16.76	103	39	0.12	2.35
MIWH08	16.76	18.29	104	37	0.13	2.55
MIWH08	18.29	19.81	105	15	0.06	1.45
MIWH08	19.81	33.53	NA			
MIWH09	0	27.43	NA			
MIWH09	27.43	33.53	106	11	0.03	1
MIWH10	0	1.52	107	46	0.17	2.4
MIWH10	1.52	3.05	108	52	0.28	2.35
MIWH10	3.05	4.57	109	51	0.28	2.7
MIWH10	4.57	6.1	110	50	0.28	1.95
MIWH10	6.1	7.62	111	37	0.14	0.5
MIWH10	7.62	9.14	112	29	0.11	3.8
MIWH10	9.14	10.67	113	45	0.12	5
MIWH10	10.67	12.19	114	53	0.13	1.8
MIWH10	12.19	13.72	115	50	0.1	8.5
MIWH10	13.72	15.24	116	46	0.09	11.5
MIWH10	15.24	16.76	117	47	0.09	11.5
MIWH10	16.76	18.29	118	47	0.1	9
MIWH10A	0	9.14	NA			
MIWH10A	9.14	12.19	114A	54	0.13	3
MIWH10A	12.19	15.24	116A	45	0.13	10
MIWH11	0	3.05	119	9	0.04	1.9

MIWH11	3.05	7.62	NA			
MIWH11	7.62	10.06	120	33	0.08	3.3
MIWH11	10.06	12.19	121	42	0.11	8
MIWH11	12.19	13.72	122	45	0.12	6.5
MIWH11	13.72	15.24	123	41	0.09	7.5
MIWH11	15.24	16.76	124	44	0.1	8
MIWH11	16.76	18.29	125	34	0.19	6
MIWH12	0	3.05	126	40	0.1	6
MIWH12	3.05	5.49	127	35	0.1	0.75
MIWH12	5.49	24.38	NA			
MIWH13	0	12.19	NA			
MIWH13	12.19	15.24	128	28	0.11	0.3
MIWH13	15.24	16.76	129	34	0.08	0.65
MIWH13	16.76	18.29	130	29	0.09	0.42
MIWH13	18.29	19.81	131	15	0.04	1.5
MIWH13	19.81	21.34	132	8	0.03	0.55
MIWH13	21.34	22.86	133	5	0.02	0.2
MIWH13	22.86	24.38	134	7	0.03	0.1
MIWH13	24.38	25.91	NA			
MIWH13	25.91	27.43	135	14	0.05	0.55
MIWH13	27.43	28.96	136	30	0.11	4.7
MIWH13	28.96	30.48	137	21	0.08	4.7
MIWH14	0	3.05	138	33	0.12	1.72
MIWH14	3.05	6.1	139	47	0.14	1
MIWH14	6.1	7.62	140	24	0.06	0.84
MIWH14	7.62	9.14	141	11	0.04	0.25
MIWH14	9.14	11.58	142	29	0.11	1.72
MIWH14	11.58	13.72	143	38	0.16	3.45
MIWH14	13.72	15.24	144	44	0.14	1.72
MIWH14	15.24	16.76	145	40	0.15	0.6
MIWH14	16.76	18.29	146	43	0.16	0.1
MIWH15	0	3.05	145A	8	0.04	0.2
MIWH15	3.05	6.1	146A	34	0.14	1.36
MIWH15	6.1	14.63	NA			
MIWH15	14.63	16.76	147	45	0.06	4.55
MIWH15	16.76	18.29	148	40	0.06	6.2
MIWH15	18.29	19.81	149	36	0.09	6.2
MIWH15	19.81	21.34	150	30	0.07	7
MIWH15	21.34	22.86	151	28	0.07	4.25
MIWH15	22.86	24.38	152	15	0.04	0.8
MIWH15	24.38	25.91	153	13	0.04	0.31
MIWH15	25.91	27.43	154	13	0.04	0.31
MIWH15	27.43	28.96	155	13	0.03	0.22
MIWH15	28.96	30.48	156	12	0.04	0.1
MIWH15	30.48	32	157	30	0.09	1.88
MIWH15	32	33.53	158	45	0.13	2.45
MIWH16	0	3.05	159	27	0.06	1.83
MIWH16	3.05	21.34	NA			
MIWH17	0	3.05	160	48	0.06	2.05
MIWH17	3.05	4.57	161	55	0.06	2.2
MIWH17	4.57	6.1	162	51	0.07	2.45
MIWH17	6.1	7.62	163	26	0.03	4
MIWH17	7.62	9.14	164	14.5	0.03	3.1
MIWH17	9.14	12.19	NA			
MIWH17	12.19	13.72	165	32.5	0.05	3.9
MIWH17	13.72	15.24	166	49.5	0.05	3.9
MIWH17	15.24	16.76	167	37.5	0.05	2.8
MIWH17	16.76	18.29	168	27.5	0.05	2.2
MIWH17	18.29	19.81	169	48	0.1	2.2
MIWH17	19.81	21.34	170	46.5	0.1	2
MIWH17	21.34	22.86	171	30	0.08	2.3
MIWH18	0	18.29	NA			
MIWH18	18.29	19.81	172	13.5	0.02	0.2
MIWH18	19.81	21.34	173	24.5	0.06	1.3
MIWH18	21.34	22.86	174	25	0.09	1.2

MIWH18	22.86	24.38	175	34.5	0.17		1.9
MIWH18	24.38	25.91	176	28.5	0.15		1.6
MIWH18	25.91	27.43	177	14.5	0.08		0.6
MIWH18	27.43	28.96	178	15.5	0.11		0.8
MIWH20	0	24.38	NA				
MIWH20	24.38	25.91	179	30	0.07		2.4
MIWH20	25.91	30.48	NA				
MIWH20	30.48	32	180	32.5	0.1		2.1
MIWH21	0	21.34	NA				
MIWH21	21.34	22.86	181	20	0.13		2
MIWH21	22.86	24.38	182	12	0.06		0.6
MIWH21	24.38	25.91	183	31	0.08		2
MIWH21	25.91	27.43	184	21	0.06		2.8
MIWH21	27.43	28.96	185	27	0.04		3.4
MIWH21	28.96	30.48	186	21	0.04		3.5
MIWH21	30.48	32	187	27.5	0.07		8
MIWH21	32	33.53	188	22.5	0.06		1.4
MIWH25	0	6.1	NA				
MIWH25	6.1	10.67	189	29	0.05		1.3
MIWH25	10.67	15.24	190	14	0.02		0.4
MIWH25	15.24	18.29	191	27	0.03		2.2
MIWH25	18.29	19.81	192	45.5	0.1		6
MIWH25	19.81	21.34	193	44	0.09		4.2
MIWH25	21.34	22.86	194	41	0.09		5
MIWH25	22.86	24.38	195	42.5	0.07		3.8
MIWH25	24.38	25.91	196	43	0.08		4.2
MIWH25	25.91	27.43	197	42	0.07		4
MIWH25	27.43	30.48	198	19	0.04		1
MIWH25	30.48	34.14	199	15	0.05		0.8
MIWH26	0	9.14	NA				
MIWH26	9.14	15.24	200	30	0.09		0.2
MIWH27	0	3.05	202	14.5	0.04		0.8
MIWH27	3.05	6.1	203				
MIWH28	0	3.05	204	36	0.05		2.3
MIWH28	3.05	4.57	205	50	0.06		2.5
MIWH28	4.57	6.1	206	52	0.05		2.4
MIWH28	6.1	7.62	207	41.5	0.05		3.1
MIWH28	7.62	9.14	208	46	0.05		3.6
MIWH29	0	3.05	209	33	0.06		1.7
MIWH30	0	3.05	210	42.4	0.08		2.5
MIWH30	3.05	4.57	211	27	0.05		1.2
MIWH30	4.57	6.1	212	21	0.04		1.7
MIWH30	6.1	7.62	213	14.5	0.04		0.5
MIWH30	7.62	9.14	214	14.5	0.04		0.7
MIWH30	9.14	10.67	215	18.5	0.04		0.4
MIWH30	10.67	12.19	216	28.5	0.05		0.4
MIWH30	12.19	13.72	223	36.5	0.08		2.3
MIWH30	13.72	15.24	217	37.5	0.09		1.8
MIWH30	15.24	16.76	218	42.5	0.09		0.5
MIWH30	16.76	18.29	219	19	0.05		1
MIWH30	18.29	19.81	220	11.5	0.03		0.6
MIWH30	19.81	21.34	221	18.5	0.06		0.6
MIWH30	21.34	22.86	222	18.5	0.07		0.7
MIWH31	0	3.05	224	34	0.05		1.7
MIWH31	3.05	6.1	225	12.5	0.02		0.4
MIWH31	6.1	7.62	226	41	0.08		1.1
MIWH31	7.62	9.14	227	47.5	0.08		0.4
MIWH31	9.14	10.67	228	31	0.06		2
MIWH31	10.67	15.24	NA				
MIWH31	15.24	18.29	229	10	0.05		0.2
MIWH31	18.29	21.34	230	10	0.05		0.2
MIWH31	21.34	24.38	231	11	0.04		0.4
MIWH32	0	3.05	232	25.5	0.05		1.6
MIWH32	3.05	18.29	NA				
MIWH32	18.29	19.81	233	9.5	0.06		0.4

MIWH32	19.81	21.34	234	11.5	0.04	0.5
MIWH32	21.34	22.86	235	10	0.05	0.2
MIWH32	22.86	24.38	236	7	0.04	0.2
MIWH33	0	3.05	237	6	0.02	0.1
MIWH33	3.05	6.1	238	7	0.02	0.1
MIWH33	6.1	9.14	239	9.5	0.03	0.2
MIWH33	9.14	12.19	240	9	0.03	0.1
MIWH33	12.19	15.24	241	9.5	0.03	0.5
MIWH33	15.24	18.29	242	9	0.05	0.2
MIWH33	18.29	21.34	243	10.5	0.04	0.2
MIWH33	21.34	24.38	244	14.5	0.05	2.15
MIWH33	24.38	27.43	245	11.5	0.05	0.5
MIWH33	27.43	30.48	246	13.25	0.05	0.45
MIWH33	30.48	33.53	247	12.28	0.04	0.1
MIWH34	0	3.05	248	16.05	0.03	1
MIWH34	3.05	6.1	249	13	0.03	0.4
MIWH34	6.1	9.14	250	13.25	0.02	0.2
MIWH34	9.14	12.19	251	13.25	0.03	0.3
MIWH34	12.19	15.24	252	13.25	0.03	0.5
MIWH34	15.24	18.29	253	13.25	0.02	0.5
MIWH34	18.29	21.34	254	13.25	0.02	0.4
MIWH34	21.34	30.48	NA			
MIWH35	0	3.05	255	18.25	0.02	0.3
MIWH35	3.05	6.1	256	10.25	0.05	0.1
MIWH35	6.1	9.14	257	9.75	0.05	0.1
MIWH35	9.14	12.19	258	9.75	0.02	0.1
MIWH35	12.19	24.38	NA			
MIWH35	24.38	27.43	259	13.25	0.06	0.3
MIWH35	27.43	30.48	260	17	0.06	0.1
MIWH35	30.48	33.53	261	15	0.07	0.1
MIWH35	33.53	35.05	262	7.25	0.06	0.1
MIWH36	0	3.05	263	23.5	0.06	0.6
MIWH36	3.05	6.1	264	11.5	0.02	0.1
MIWH36	6.1	9.14	265	11.5	0.02	0.1
MIWH36	9.14	12.19	266	9	0.01	0.1
MIWH36	12.19	15.24	267	10	0.02	0.1
MIWH36	15.24	18.29	268	9	0.02	0.1
MIWH36	18.29	21.34	269	8	0.04	0.1
MIWH36	21.34	24.38	270	10.25	0.05	0.1
MIWH36	24.38	27.43	271	17.5	0.08	1
MIWH36	27.43	28.96	272	13	0.08	1.7
MIWH37	0	3.05	273	18	0.04	0.07
MIWH37	3.05	6.1	274	13	0.01	0.1
MIWH37	6.1	9.14	275	12	0.02	0.1
MIWH37	9.14	12.19	276	16	0.05	0.1
MIWH37	12.19	15.24	277	6	0.03	<0.05
MIWH37	15.24	18.29	278	15	0.06	0.2
MIWH37	18.29	21.34	279	28	0.08	2.3
MIWH37	21.34	24.38	280	9	0.06	0.5
MIWH37	24.38	33.53	NA			
MIWH38	0	3.05	281	30	0.07	0.6
MIWH38	3.05	6.1	282	13	0.03	0.7
MIWH38	6.1	12.19	NA			
MIWH38	12.19	15.24	283	11	0.03	1.5
MIWH38	15.24	16.76	284	26	0.06	3.1
MIWH38	16.76	33.53				
MIWH39	0	3.05	285	14	0.06	0.3
MIWH39	3.05	21.34	NA			
MIWH39	21.34	24.38	286	15	0.04	1
MIWH39	24.38	27.43	287	15	0.04	0.35
MIWH39	27.43	30.48	288	11	0.03	0.7
MIWH40	0	3.05	289	15	0.02	0.7
MIWH40	3.05	6.1	290	9	0.02	0.1
MIWH40	6.1	7.92	291	11	0.02	0.1
MIWH40	7.92	10.97	NA			

MIWH41	0	3.05	292	20	0.04	0.4
MIWH41	3.05	15.24	NA			
MIWH41	15.24	18.29	293	9	0.03	0.3
MIWH41	18.29	21.34	294	10	0.04	0.35
MIWH41	21.34	24.38	295	11	0.04	0.05
MIWH41	24.38	33.53	NA			
MIWH42	0	3.05	296	18	0.12	1.5
MIWH42	3.05	6.1	297	10	0.02	0.5
MIWH42	6.1	9.14	298	12	0.05	0.1
MIWH42	9.14	12.19	299	11	0.05	0.05
MIWH42	12.19	15.24	300	9	0.45	0.05
MIWH42	15.24	18.29	301	24	0.08	1.05
MIWH43	0	3.05	302	25	0.04	1.3
MIWH43	3.05	6.1	303	11	0.02	0.05
MIWH43	6.1	9.14	304	7	0.01	0.05
MIWH43	9.14	18.29	NA			
MIWH43	18.29	21.34	305	12	0.04	0.05
MIWH43	21.34	24.38	306	12	0.05	0.05
MIWH43	24.38	27.43	307	29	0.04	1.05
MIWH43	27.43	30.48	308	18	0.02	0.2
MIWH44	0	3.05	309	9	0.04	0.3
MIWH44	3.05	6.1	310	9	0.03	0.05
MIWH44	6.1	9.14	311	9	0.02	<0.05
MIWH44	9.14	12.19	312	8	0.02	<0.05
MIWH44	12.19	15.24	313	7	0.16	<0.05
MIWH44	15.24	18.29	314	29	0.2	3.9
MIWH44	18.29	21.34	315	26	0.16	5.9
MIWH44	21.34	24.38	316	25	0.15	1.6
MIWH45	0	3.05	317	14	0.04	0.4
MIWH45	3.05	6.1	318	12	0.05	0.75
MIWH45	6.1	9.14	319	14	0.06	0.4
MIWH45	9.14	12.19	320	14	0.06	0.25
MIWH45	12.19	15.24	321	16	0.07	0.5
MIWH45	15.24	18.29	322	13	0.06	0.75
MIWH45	18.29	21.34	323	13	0.05	1.6
MIWH45	21.34	24.38	324	12	0.04	0.45
MIWH45	24.38	27.43	325	14	0.05	0.4
MIWH46	0	3.05	326	16	0.06	0.8
MIWH46	3.05	6.1	327	11	0.02	0.25
MIWH46	6.1	9.14	328	10	0.01	0.15
MIWH46	9.14	12.19	329	11	0.02	0.15
MIWH46	12.19	15.24	330	12	0.04	0.1
MIWH46	15.24	18.29	331	12	0.05	0.2
MIWH46	18.29	21.34	332	24	0.13	1.35
MIWH46	21.34	24.38	333	37	0.16	4.5
MIWH47	0	3.05	334	47	0.05	3.65
MIWH47	3.05	4.57	335	44	0.09	2.95
MIWH47	4.57	6.1	336	19	0.03	0.9
MIWH47	6.1	9.14	337	11	0.12	0.25
MIWH47	9.14	12.19	338	16	0.02	0.7
MIWH47	12.19	15.24	339	10	0.02	0.2
MIWH47	15.24	18.29	340	10	0.01	0.1
MIWH47	18.29	21.34	341	10	0.01	0.1
MIWH47	21.34	24.38	342	11	0.01	0.05
MIWH47	24.38	24.99	343	14	0.02	0.45
MIWH48	0	3.05	344	17	0.06	0.07
MIWH48	3.05	6.1	345	16	0.04	0.5
MIWH48	6.1	9.14	346	13	0.04	0.45
MIWH48	9.14	12.19	347	14	0.03	0.55
MIWH48	12.19	15.24	348	15	0.16	0.45
MIWH48	15.24	16.76	349	22	0.09	1
MIWH48	16.76	18.29	350	19	0.09	0.65
MIWH48	18.29	21.34	351	21	0.1	1.15
MIWH48	21.34	24.38	352	30	0.11	1.9
MIWH48	24.38	27.43	353	42	0.17	1.5

MIWH49	0	3.05	354	15	0.05	0.5
MIWH49	3.05	6.1	355	9	0.02	0.15
MIWH49	6.1	9.14	356	11	0.04	0.2
MIWH49	9.14	12.19	357	12	0.04	0.25
MIWH49	12.19	15.24	358	10	0.02	0.35
MIWH49	15.24	24.38				
MIWH50	0	3.05	359	13	0.05	0.7
MIWH50	3.05	6.1	360	11	0.03	0.25
MIWH50	6.1	9.14	361	11	0.03	0.35
MIWH50	9.14	12.19	362	19	0.09	2.3
MIWH50	12.19	15.24	363	15	0.05	0.5
MIWH50	15.24	42.67				
MIWH51	0	3.05	364	17	0.05	0.55
MIWH51	3.05	6.1	365	11	0.02	0.12
MIWH51	6.1	9.14	366	14	0.03	0.58
MIWH51	9.14	12.19				
MIWH52	0	3.05	367	14	0.03	0.15
MIWH52	3.05	6.1	368	15	0.03	0.09
MIWH52	6.1	9.14	369	8	0.02	0.05
MIWH52	9.14	12.19	370	10	0.02	0.06
MIWH52	12.19	15.24	371	11	0.01	0.09
MIWH52	15.24	16.76	372	15	0.04	3.75
MIWH52	16.76	18.29	373	15	0.06	5
MIWH52	18.29	30.48				
MIWH53	0	3.05	374	21	0.06	0.94
MIWH53	3.05	6.1	375	10	0.01	0.12
MIWH53	6.1	9.14	376	16	0.04	0.15
MIWH53	9.14	12.19	377	12	0.04	0.15
MIWH53	12.19	15.24	378	15	0.03	0.12
MIWH53	15.24	18.29	379	11	0.04	0.06
MIWH53	18.29	21.34	380	11	0.05	0.06
MIWH53	21.34	24.38	381	13	0.04	0.12
MIWH53	24.38	27.43	382	8	0.04	0.06
MIWH53	27.43	30.48	383	5	0.02	0.15
MIWH54	0	3.05	384	29	0.03	0.55
MIWH54	3.05	6.1	385	6	0.01	<0.05
MIWH54	6.1	9.14	386	5	0.01	<0.05
MIWH54	9.14	12.19	387	6	0.01	<0.05
MIWH54	12.19	15.24	388	11	0.02	<0.05
MIWH54	15.24	18.29	389	12	0.03	<0.05
MIWH54	18.29	21.34	390	14	0.01	<0.05
MIWH54	21.34	24.38	391	16	0.01	<0.05
MIWH55	0	3.05	392	17	0.02	<0.05
MIWH55	3.05	6.1	393	5	0.01	<0.05
MIWH55	6.1	9.14	394	10	0.01	<0.05
MIWH55	9.14	12.19	395	14	0.01	<0.05
MIWH55	12.19	15.24	396	13	0.01	<0.05
MIWH55	15.24	18.29	397	14	<0.01	0.06
MIWH55	18.29	21.34	398	13	<0.01	0.36
MIWH56	0	3.05	399	17	0.17	0.06
MIWH56	3.05	6.1	400	17	0.16	0.27
MIWH56	6.1	9.14	401	18	0.01	0.12
MIWH56	9.14	12.19	402	13	0.01	1.15
MIWH56	12.19	15.24	403	14	0.01	0.21
MIWH56	15.24	18.29	404	12	0.01	0.4
MIWH56	18.29	21.34	405	10	0.91	0.35
MIWH56	21.34	24.38	406	14	0.02	0.35
MIWH57	0	3.05	407	15	0.02	0.6
MIWH57	3.05	6.1	408	9	<0.01	0.2
MIWH57	6.1	9.14	409	7	<0.01	0.2
MIWH57	9.14	12.19	410	11	<0.01	0.5
MIWH57	12.19	15.24	411	10	<0.01	0.35
MIWH57	15.24	18.29	412	19	<0.01	0.3
MIWH57	18.29	21.34	413	21	0.02	0.85
MIWH57	21.34	24.38	414	16	0.05	1.05

MIWH58	0	3.05	415	11	<0.01	0.2
MIWH58	3.05	6.1	416	10	<0.01	0.2
MIWH58	6.1	9.14	417	11	0.02	0.2
MIWH58	9.14	12.19	418	11	0.02	0.2
MIWH58	12.19	15.24	419	10	0.02	0.2
MIWH58	15.24	18.29	420	12	0.02	0.25
MIWH58	18.29	21.34	421	26	0.04	1.05
MIWH58	21.34	30.48				
MIWH59	0	3.05	422	12	0.03	0.4
MIWH59	3.05	6.1	423	16	0.04	1.3
MIWH59	6.1	9.14	424	27	0.04	2.9
MIWH59	9.14	12.19	NA			
MIWH59	12.19	13.72	425	34	0.06	2.95
MIWH59	13.72	15.24	426	13	0.01	0.45
MIWH59	15.24	18.29	427	21	0.03	3.6
MIWH59	18.29	24.38				
MIWH60	0	3.05	428	15	0.01	0.7
MIWH60	3.05	6.1	429	13	0.01	0.4
MIWH60	6.1	9.14	430	12	0.01	0.3
MIWH60	9.14	12.19	431	11	0.01	0.3
MIWH60	12.19	15.24	432	11	0.01	0.2
MIWH60	15.24	18.29	433	12	0.01	0.7
MIWH60	18.29	21.34	434	11	0.04	0.6
MIWH60	21.34	24.38	435	10	0.05	0.2
MIWH60	24.38	27.43	436	11	0.06	0.35
MIWH60	27.43	30.48	437	13	0.05	1.45
MIWH61	0	21.34	NA			
MIWH61	21.34	24.38	438	12	0.06	0.5
MIWH61	24.38	27.43	439	38	0.03	3.15
MIWH61	27.43	28.96	440	30	0.03	3.15
MIWH61	28.96	30.48	441	43	0.01	3.9
MIWH62	0	6.1	NA			
MIWH62	6.1	9.14	442	47	0.01	4.65
MIWH62	9.14	10.67	443	47	0.01	4.75
MIWH62	10.67	12.19	444	54	0.06	3.9
MIWH62	12.19	13.72	445	53	0.07	3.4
MIWH62	13.72	15.24	446	48	0.09	4.6
MIWH62	15.24	16.76	447	49	0.05	4.05
MIWH62	16.76	18.29	448	56	0.1	3.85
MIWH62	18.29	19.81	449	56	0.1	4
MIWH62	19.81	21.34	450	56	0.1	4.15
MIWH63	0	3.05	451	36	0.05	0.75
MIWH63	3.05	6.1	452	13	0.18	0.1
MIWH63	6.1	9.14	453	13	0.16	0.1
MIWH63	9.14	21.34				
MIWH64	0	3.05	454	23	0.05	0.65
MIWH64	3.05	6.1	455	7	0.01	0.35
MIWH64	6.1	9.14	456	32	0.01	2.1
MIWH64	9.14	12.19	457	36	0.1	3.15
MIWH65	0	1.52	458	66	0.09	0.15
MIWH65	1.52	3.05	459	51	0.07	4.2
MIWH65	3.05	4.57	460	51	0.08	4.35
MIWH65	4.57	6.1	461	48	0.06	3.7
MIWH65	6.1	7.62	462	20	0.02	1.45
MIWH65	7.62	9.14	463	13	0.02	0.8
MIWH65	9.14	12.19	464	12	0.01	0.1
MIWH65	12.19	24.38				
MIWH66	0	3.05	NA			
MIWH66	3.05	6.1	465	14	0.01	0.15
MIWH66	6.1	9.14	466	11	0.01	0.3
MIWH66	9.14	12.19	467	13	0.01	0.25
MIWH66	12.19	15.24	468	13	0.01	0.25
MIWH66	15.24	18.29	469	9	0.01	0.1
MIWH66	18.29	21.34	470	47	0.04	3.6
MIWH67	0	1.52	471	47	0.04	2

MIWH67	1.52	3.05	472			
MIWH67	3.05	4.57	473	49	0.04	3.7
MIWH67	4.57	6.1	474	54	0.04	3.9
MIWH67	6.1	7.62	475	30	0.03	1.95
MIWH67	7.62	9.14	476	20	0.03	0.6
MIWH67	9.14	12.19	477	14	0.02	0.5
MIWH67	12.19	15.24	478	13	0.02	0.25
MIWH67	15.24	18.29	479	18	0.02	0.3
MIWH67	18.29	21.34	480	13	0.03	0.2
MIWH67	21.34	24.38				
MIWH68	0	3.05	481	12	0.02	0.25
MIWH68	3.05	6.1	482	13	0.02	0.2
MIWH68	6.1	9.14	483	13	0.02	0.1
MIWH68	9.14	12.19	484	13	0.02	0.2
MIWH68	12.19	18.29	NA			
MIWH68	18.29	19.81	485	37	0.04	3.25
MIWH68	19.81	21.34	486	30	0.07	2.6
MIWH68	21.34	24.38				
MIWH69	0	6.1	NA			
MIWH69	6.1	7.62	487	33	0.09	0.5
MIWH69	7.62	9.14	488	50	0.06	3.45
MIWH69	9.14	10.67	489	65	0.05	2.6
MIWH69	10.67	12.19	490	63	0.07	2.3
MIWH69	12.19	13.72	491	43	0.07	1.4
MIWH69	13.72	15.24	NA			
MIWH69	15.24	18.29	492	19	0.04	0.65
MIWH69	18.29	21.34	493	26	0.05	1
MIWH70	0	3.05	NA			
MIWH70	3.05	6.1	494	10	0.02	0.5
MIWH70	6.1	9.14	NA			
MIWH70	9.14	10.67	495	28	0.07	1.2
MIWH70	10.67	12.19	496	37	0.09	0.35
MIWH70	12.19	13.72	497	37	0.09	0.95
MIWH70	13.72	15.24	498	25	0.07	1.25
MIWH71	0	3.05	499	54	0.07	1.6
MIWH71	3.05	4.57	500	37	0.06	0.95
MIWH71	4.57	6.1	501	14	0.02	0.35
MIWH71	6.1	9.14	502	15	0.03	0.3
MIWH71	9.14	12.19	503	12	0.04	0.2
MIWH71	12.19	15.24	504	14	0.02	0.35
MIWH71	15.24	18.29	505	14	0.03	0.35
MIWH71	18.29	21.34				
MIWH72	0	3.05	506	32	0.06	2.8
MIWH72	3.05	12.19	NA			
MIWH72	12.19	13.72	507	19	0.04	0.45
MIWH72	13.72	15.24	NA			
MIWH72	15.24	16.76	508	30	0.04	2
MIWH72	16.76	18.29	509	15	0.02	0.75
MIWH72	18.29	21.34	510	15	0.01	0.3
MIWH72	21.34	24.38	511	12	0.02	0.1
MIWH72	24.38	27.43				
MIWH73	0	3.05	512	40	0.06	2.75
MIWH73	3.05	6.1	513	14	0.02	0.55
MIWH73	6.1	9.14	514	14	0.02	0.25
MIWH73	9.14	10.67	515	14	0.01	0.6
MIWH73	10.67	12.19	516	35	0.06	2.9
MIWH73	12.19	13.72	517	50	0.05	3.55
MIWH73	13.72	15.24	518	55	0.04	4.1
MIWH73	15.24	16.76	519	21	0.03	1.25
MIWH73	16.76	18.29	520	12	0.03	0.4
MIWH73	18.29	19.81	521	14	0.03	0.55
MIWH74	0	3.05	522	19	0.03	0.75
MIWH74	3.05	6.1	523	10	0.01	0.1
MIWH74	6.1	18.29				
MIWH75	0	3.05	524	14	0.01	0.25

MIWH75	3.05	6.1	525	9	0.02	0.15
MIWH75	6.1	9.14	526	11	0.01	0.15
MIWH75	9.14	18.29				
MIPC01	0	3.05	6054	37.2	0.11	13.9
MIPC01	3.05	6.1	6055	41.4	0.13	10.1
MIPC02	0	18.29				
MIPC02	18.29	21.34	6050	44	0.12	8.8
MIPC02	21.34	24.38	6051	29.8	0.12	21.3
MIPC02	24.38	27.43	6052	39.1	0.13	13.3
MIPC02	27.43	30.48	6053	46.9	0.12	6.5
MIPC02	30.48	36.58				
MIPC03	0	3.05	6072	41.9	0.11	16
MIPC03	3.05	6.1	6073	33.6	0.15	18.8
MIPC03	6.1	9.14	6074	28.8	0.12	21.1
MIPC03	9.14	12.19	6075	38.4	0.11	16.1
MIPC03	12.19	15.24	6076	48.6	0.11	10.2
MIPC03	15.24	18.29	6077	54.2	0.09	7.7
MIPC03	18.29	21.34	6078	53.7	0.08	8.1
MIPC03	21.34	24.38	6079	48.3	0.09	10.3
MIPC04	0	6.1				
MIPC04	6.1	9.14	6071	30.2	0.13	20
MIPC05	0	6.1				
MIPC05	6.1	9.14	6059	49.7	0.11	4.7
MIPC05	9.14	12.19	6060	53.2	0.1	5.6
MIPC05	12.19	15.24	6061	49.6	0.12	8.1
MIPC05	15.24	18.29	6062	52.1	0.15	5.4
MIPC05	18.29	21.34	6063	53.7	0.17	3.1
MIPC05	21.34	24.38	6064	53.3	0.14	4.3
MIPC05	24.38	27.43	6065	54.1	0.15	3.9
MIPC05	27.43	30.48	6066	52	0.12	4.2
MIPC05	30.48	36.58				
MIPC06	0	7.62				
MIPC06	7.62	9.14	6056	49.6	0.1	4.2
MIPC06	9.14	12.19	6057	50.2	0.08	6
MIPC06	12.19	15.24	6058	49.4	0.05	8.2
MIPC06	15.24	27.43				
MIPC07	0	9.14				
MIPC07	9.14	12.19	6069	52.1	0.07	6.3
MIPC07	12.19	15.24	6070	50.5	0.08	5.3
MIPC07	15.24	24.38				
MIPC08	0	18.29				
MIPC08	18.29	21.34	6067	44.1	0.11	2.6
MIPC08	21.34	24.38	6068	46.6	0.1	4.3
MIPC08	24.38	30.48				
MIPC09	0	3.05	6083	39.4	0.1	3.4
MIPC09	3.05	15.24				
MIPC09	15.24	18.29	6084	48	0.1	4.1
MIPC09	18.29	24.38				
MIPC10	0	33.53				
MIPC10	33.53	36.58	6080	37.1	0.1	4.5
MIPC10	36.58	39.62	6081	43.4	0.13	7
MIPC10	39.62	42.67	6082	41.5	0.12	5.9
MIPC11	0	3.05	6085	25.2	0.07	2.3
MIPC11	3.05	15.24				
MIPC11	15.24	18.29	6086	47.2	0.06	8.3
MIPC11	18.29	21.34	6087	50.5	0.07	8.7
MIPC11	21.34	24.38	6088	50.6	0.08	8.9
MIPC11	24.38	27.43	6089	49.9	0.08	10
MIPC11	27.43	30.48	6090	47	0.08	9.9
MIPC11	30.48	36.58				
MIPC12	0	3.05	6101	22.7	0.05	2.3
MIPC12	3.05	30.48				
MIPC13	0	3.05	6108	54	0.1	1.5
MIPC13	3.05	6.1	6109	54.9	0.11	3.5
MIPC13	6.1	9.14	6110	50.6	0.12	4.1

MIPC13	9.14	12.19	6111	52.5	0.11	5.4
MIPC13	12.19	15.24	6112	52.1	0.1	6.2
MIPC13	15.24	18.29	6113	53.8	0.07	7.1
MIPC13	18.29	21.34	6114	51.9	0.07	6.3
MIPC13	21.34	24.38	6115	54.2	0.08	6.4
MIPC13	24.38	27.43	6116	52	0.09	7.1
MIPC13	27.43	30.48	6117	51.3	0.08	7.7
MIPC13	30.48	33.53	6118	51.3	0.09	7.4
MIPC13	33.53	36.58	6119	49.5	0.09	8.2
MIPC14	0	3.05	6102	44.1	0.07	4.6
MIPC14	3.05	6.1	6103	49.6	0.12	4.8
MIPC14	6.1	9.14	6104	47.6	0.09	4.5
MIPC14	9.14	27.43				
MIPC14	27.43	30.48	6105	50.3	0.08	2.5
MIPC14	30.48	33.53	6106	54.1	0.08	2.7
MIPC14	33.53	36.58	6107	54.8	0.07	4.4
MIPC15	0	3.05	6124	53.7	0.07	2.6
MIPC15	3.05	6.1	6125	53.4	0.06	6.8
MIPC15	6.1	9.14	6126	57.1	0.08	4.8
MIPC15	9.14	12.19	6127	55.3	0.1	5.5
MIPC15	12.19	15.24	6128	54.4	0.1	4.7
MIPC16	0	3.05	6120	56.5	0.07	2.1
MIPC16	3.05	6.1	6121	53.1	0.06	7.2
MIPC16	6.1	9.14	6122	56.1	0.08	5
MIPC16	9.14	12.19	6123	53.6	0.1	5
MIPC16	12.19	27.43				
MIPC17	0	3.05	6194	52.5		6.5
MIPC17	3.05	6.1	6195	54.6		6.7
MIPC17	6.1	9.14	6196	56.8		6.9
MIPC17	9.14	12.19	6197	55.8		7.1
MIPC17	12.19	15.24	6198	54.5		7.8
MIPC17	15.24	18.29	6199	54.6		5
MIPC17	18.29	21.34	6200	54.1		7.7
MIPC18	0	3.05	6183	55.5		7.2
MIPC18	3.05	6.1	6184	54.1		6.5
MIPC18	6.1	9.14	6185	48.9		8.1
MIPC18	9.14	12.19	6186	52.6		8.5
MIPC18	12.19	15.24	6187	54.5		7.4
MIPC18	15.24	18.29	6188	54.7		7.1
MIPC18	18.29	21.34	6189	54.2		5.1
MIPC18	21.34	24.38	6190	55.4		4.8
MIPC18	24.38	27.43	6191	54.1		4.7
MIPC18	27.43	30.48	6192	54.4		5
MIPC18	30.48	33.53	6193	54.8		7.5
MIPC19	0	15.24				
MIPC19	15.24	18.29	6136	52.1	0.07	6.3
MIPC19	18.29	21.34	6137	54.3	0.07	8
MIPC19	21.34	24.38	6138	52.3	0.05	8.5
MIPC19	24.38	27.43	6139	52.9	0.07	8.5
MIPC19	27.43	30.48	6140	49	0.08	7.9
MIPC19	30.48	33.53	6141	44.3	0.08	7.4
MIPC20	0	12.19				
MIPC20	12.19	15.24	6129	53.4	0.06	7.6
MIPC20	15.24	18.29	6130	54.4	0.06	7.8
MIPC20	18.29	21.34	6131	52.6	0.07	7.1
MIPC20	21.34	24.38	6132	51	0.07	7.8
MIPC20	24.38	27.43	6133	49.6	0.07	7.5
MIPC20	27.43	30.48	6134	47.1	0.08	7.9
MIPC20	30.48	33.53	6135	46.3	0.08	8.5
MIPC21	0	42.67				
MIPC22	0	3.05	6142	54.1	0.05	7.7
MIPC22	3.05	6.1	6143	50.8	0.09	6.9
MIPC22	6.1	9.14	6144	51.4	0.09	7.8
MIPC22	9.14	12.19	6145	50.8	0.09	7.4
MIPC22	12.19	15.24	6146	52.1	0.08	7.7

MIPC22	15.24	18.29	6147	53.1	0.11	5.4
MIPC22	18.29	21.34	6148	20.8	0.06	1.9
MIPC22	21.34	24.38	6149	20.2	0.06	1.6
MIPC22	24.38	27.43	6150	18.2	0.05	1.4
MIPC22	27.43	30.48				
MIPC23	0	3.05	6165	52.3		5.5
MIPC23	3.05	6.1	6166	55.9		2.6
MIPC23	6.1	9.14	6167	56.7		4.4
MIPC23	9.14	12.19	6168	54.9		3.5
MIPC23	12.19	15.24	6169	54.8		6.2
MIPC23	15.24	18.29	6170	54.1		6.1
MIPC23	18.29	21.34	6171	54.6		8.1
MIPC23	21.34	24.38	6172	53.3		9.9
MIPC23	24.38	27.43	6173	54.8		5
MIPC23	27.43	30.48	6174	52.4		8.8
MIPC23	30.48	33.53	6175	51.7		8.8
MIPC23	33.53	36.58	6176	50		8.7
MIPC24	0	3.05	6151	49.4	0.08	1.9
MIPC24	3.05	6.1	6152	48.6	0.08	2.3
MIPC24	6.1	9.14	6153	53.1		4.5
MIPC24	9.14	12.19	6154	53.7	0.07	5.4
MIPC24	12.19	15.24	6155	52.9	0.09	5.9
MIPC24	15.24	18.29	6156	51.5	0.1	5.7
MIPC24	18.29	21.34	6157	54.3	0.09	7.1
MIPC24	21.34	24.38	6158	57.1	0.08	4.1
MIPC24	24.38	27.43	6159	51.1	0.08	8.7
MIPC24	27.43	30.48	6160	53.1		5.3
MIPC24	30.48	33.53	6161	51.8		6.4
MIPC24	33.53	36.58	6162	52.3		6.2
MIPC24	36.58	39.62	6163	52.9		6
MIPC24	39.62	42.67	6164	53.3		6.7
MIPC25	0	9.14				
MIPC26	0	3.05	6177	56.9		6.8
MIPC26	3.05	6.1	6178	53.5		5.4
MIPC26	6.1	9.14	6179	56.5		5.7
MIPC26	9.14	12.19	6180	50.2		7.7
MIPC26	12.19	15.24	6181	48.3		7.2
MIPC26	15.24	18.29	6182	49.6		6.9
MIPC27	0	30.48				
MIPC28	0	3.05	6208	46.1		0.1
MIPC28	3.05	6.1	6209	55.2		6.4
MIPC28	6.1	9.14	6210	51.8		0.9
MIPC28	9.14	12.19	6211	50		7.7
MIPC28	12.19	15.24	6212	43.8		9.6
MIPC28	15.24	18.29	6213	43.1		6.3
MIPC28	18.29	36.58				
MIPC29	0	3.05	6201	44.1		0.2
MIPC29	3.05	6.1	6202	51.7		10.1
MIPC29	6.1	9.14	6203	52.1		3.5
MIPC29	9.14	12.19	6204	41.9		9.1
MIPC29	12.19	15.24	6205	43.1		6.2
MIPC29	15.24	18.29	6206	31.3		2.7
MIPC29	18.29	21.34	6207	41.6		3.6
MIPC29	21.34	42.67				
MIPC30	0	21.34				
MIPC30	21.34	24.38	6214	28.2		4.5
MIPC30	24.38	27.43	6215	37.5		6.2
MIPC30	27.43	36.58				
MIPC31	0	33.53				
MIPC32	0	3.05	6222	56.6		0.2
MIPC32	3.05	6.1	6223	59.6		3.4
MIPC33	0	3.05				
MIPC33	3.05	6.1	6216	31.8		0.1
MIPC33	6.1	9.14	6217	47.1		0.4
MIPC33	9.14	12.19	6218	58.8		0.2

MIPC33	12.19	15.24	6219	55						2.8			
MIPC33	15.24	18.29	6220	48.5						10.2			
MIPC33	18.29	21.34	6221	42.8						8.6			
MIPC33	21.34	30.48											
MLPC001	0	1											
MLPC001	1	2											
MLPC001	2	3											
MLPC001	3	4											
MLPC001	4	5											
MLPC001	5	6											
MLPC001	6	7											
MLPC001	7	8											
MLPC001	8	9											
MLPC001	9	10											
MLPC001	10	11											
MLPC001	11	12											
MLPC001	12	13											
MLPC001	13	14											
MLPC002	0	1											
MLPC002	1	2											
MLPC002	2	3											
MLPC002	3	4											
MLPC002	4	5											
MLPC002	5	6											
MLPC002	6	7											
MLPC002	7	8											
MLPC002	8	9											
MLPC002	9	10											
MLPC002	10	11											
MLPC002	11	12											
MLPC002	12	13											
MLPC002	13	14											
MLPC002	14	15											
MLPC002	15	16											
MLPC002	16	17											
MLPC002	17	18											
MLPC002	18	19											
MLPC002	19	20											
MLPC002	20	21											
MLPC002	21	22											
MLPC002	22	23											
MLPC002	23	24											
MLPC002	24	25											
MLPC002	25	26											
MLPC002	26	27											
MLPC002	27	28											
MLPC002	28	29											
MLPC002	29	30											
MLPC002	30	31											
MLPC002	31	32											
MLPC002	32	33											
MLPC002	33	34											
MLPC002	34	35											
MLPC002	35	36											
MLPC002	36	37											
MLPC002	37	38											
MLPC002	38	39											
MLPC003	0	1											
MLPC003	1	2											
MLPC003	2	3											
MLPC003	3	4											
MLPC003	4	5											
MLPC003	5	6	2364	51.71	0.083	1.32	4.1	0.08	0.016	0.06	8.67	0.23	0.16	7.27
MLPC003	6	7	2365	42.67	0.062	1.19	20.24	0.07	0.011	0.05	6.81	0.25	0.14	6.68
MLPC003	7	8	2366	48.41	0.109	1.8	9	0.07	0.011	0.05	6.85	0.31	0.19	8.97

MLPC003	8	9	2367	55.06	0.13	0.99	3.92	0.06	0.009	0.04	3.24	0.37	0.09	9.52
MLPC003	9	10	2368	53.62	0.111	0.88	3.88	0.05	0.008	0.04	5.03	0.37	0.14	9.92
MLPC003	10	11	2369	52.96	0.093	0.64	4.25	0.05	0.008	0.03	5.6	0.42	0.15	9.94
MLPC003	11	12	2370	51.99	0.126	0.88	4.16	0.06	0.008	0.04	6	0.43	0.16	10.3
MLPC003	12	13	2371	48.19	0.094	1	2.33	0.09	0.021	0.04	12.8	0.21	0.13	8.21
MLPC003	13	14	2372	51.21	0.169	1.48	3.77	0.09	0.047	0.05	7.47	0.16	0.15	9.39
MLPC003	14	15	2373	49.19	0.126	1.74	4.45	0.11	0.077	0.06	9.6	0.17	0.37	8.22
MLPC003	15	16	2374	49.94	0.148	1.38	5.25	0.09	0.075	0.05	8.36	0.16	0.34	8.89
MLPC003	16	17	2375	52.74	0.196	1.16	4.42	0.08	0.025	0.04	4.99	0.22	0.23	10.6
MLPC003	17	18	2376	53.75	0.178	1.55	4.76	0.06	0.014	0.05	3.25	0.29	0.19	10.7
MLPC003	18	19	2377	55.02	0.167	0.75	3.7	0.06	0.009	0.03	3.45	0.32	0.13	10.6
MLPC003	19	20	2378	55.2	0.146	0.7	3	0.08	0.01	0.03	4.88	0.29	0.16	9.6
MLPC003	20	21	2379	56.55	0.186	0.56	3.14	0.07	0.007	0.02	2.98	0.3	0.14	9.84
MLPC003	21	22	2380	56.57	0.179	0.69	3.3	0.05	0.006	0.03	2.32	0.33	0.08	10.6
MLPC003	22	23	2381	55.44	0.178	0.78	3.39	0.05	0.012	0.03	3.19	0.31	0.06	10.7
MLPC003	23	24	2382	52.67	0.175	1.65	4.3	0.07	0.008	0.05	4.34	0.36	0.15	11
MLPC003	24	25	2383	52.96	0.152	1.18	3.96	0.07	0.035	0.04	5.52	0.18	0.14	10.1
MLPC003	25	26	2384	52.96	0.214	1.23	4.29	0.06	0.048	0.04	5.72	0.12	0.09	10.1
MLPC003	26	27	2385	51.75	0.172	0.73	2.99	0.06	0.04	0.03	7.73	0.16	0.13	10.2
MLPC003	27	28	2386	52.65	0.194	0.7	3.14	0.07	0.013	0.03	5.82	0.31	0.16	10.9
MLPC003	28	29	2387	53.76	0.205	0.64	2.78	0.08	0.009	0.03	4.85	0.36	0.15	11.1
MLPC003	29	30	2388	53.8	0.207	0.81	2.94	0.07	0.009	0.03	4.58	0.39	0.12	11
MLPC003	30	31	2389	53.19	0.194	1.92	4.96	0.07	0.009	0.08	2.9	0.42	0.08	10.4
MLPC003	31	32	2390	38.36	0.112	6.34	19.97	0.1	0.006	0.25	5	0.35	0.7	9.04
MLPC003	32	33												
MLPC003	33	34												
MLPC003	34	35												
MLPC003	35	36												
MLPC003	36	37												
MLPC003	37	38												
MLPC003	38	39												

APPENDIX –4 EXPENDITURE STATEMENT