ASX ANNOUNCEMENT

25 October 2018

WHITEHAVEN COAL

Coal Resources for Winchester South Project

Following the receipt of all the data from the previous owners, Whitehaven Coal Limited engaged Xenith Consulting Pty Ltd to generate a Coal Resource Estimate in accordance with the JORC Code 2012, for the Winchester South Project.

The project is contained within the tenement MDL 183, which is located approximately 30 kilometres south-east of Moranbah, near the main mining precinct of the Bowen Basin.

Several drilling programmes have been conducted over the tenement (~1,250 holes) by the previous owners over a period from the early 1980's until 2014. The drilling was supported by several 2D seismic lines (~60 kilometres), and extensive coal quality testing providing sufficient data for a robust geological model of the deposit.

The modelled seams are in the Rangal and Fort Cooper Coal Measures which sit stratigraphically above the Moranbah Coal Measures within the Bowen Basin. Three seams have been modelled and then estimated for the JORC Resources - Leichhardt, Vermont Upper and Vermont Middle/Lower.

Coal Resources now total 530Mt, comprising 130Mt in the Measured Category, 300Mt in the Indicated Category and 100Mt in the Inferred Category.

The appended Table 1 sets out all the information material to understanding the estimate of the mineral resources.

Information in this report that relates to Coal Resources and is based on and accurately reflects reports prepared by the Competent Person named beside the respective information. Troy Turner is the Managing Director of Xenith Consulting Pty Ltd.

The named Competent Person consents to the inclusion of material in the form and context in which it appears. The Competent Person named is a Member of the Australasian Institute of Mining and Metallurgy and has the relevant experience in relation to the mineralisation being reported on by him to qualify as Competent Persons as defined in the Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (The JORC Code, 2012 Edition).

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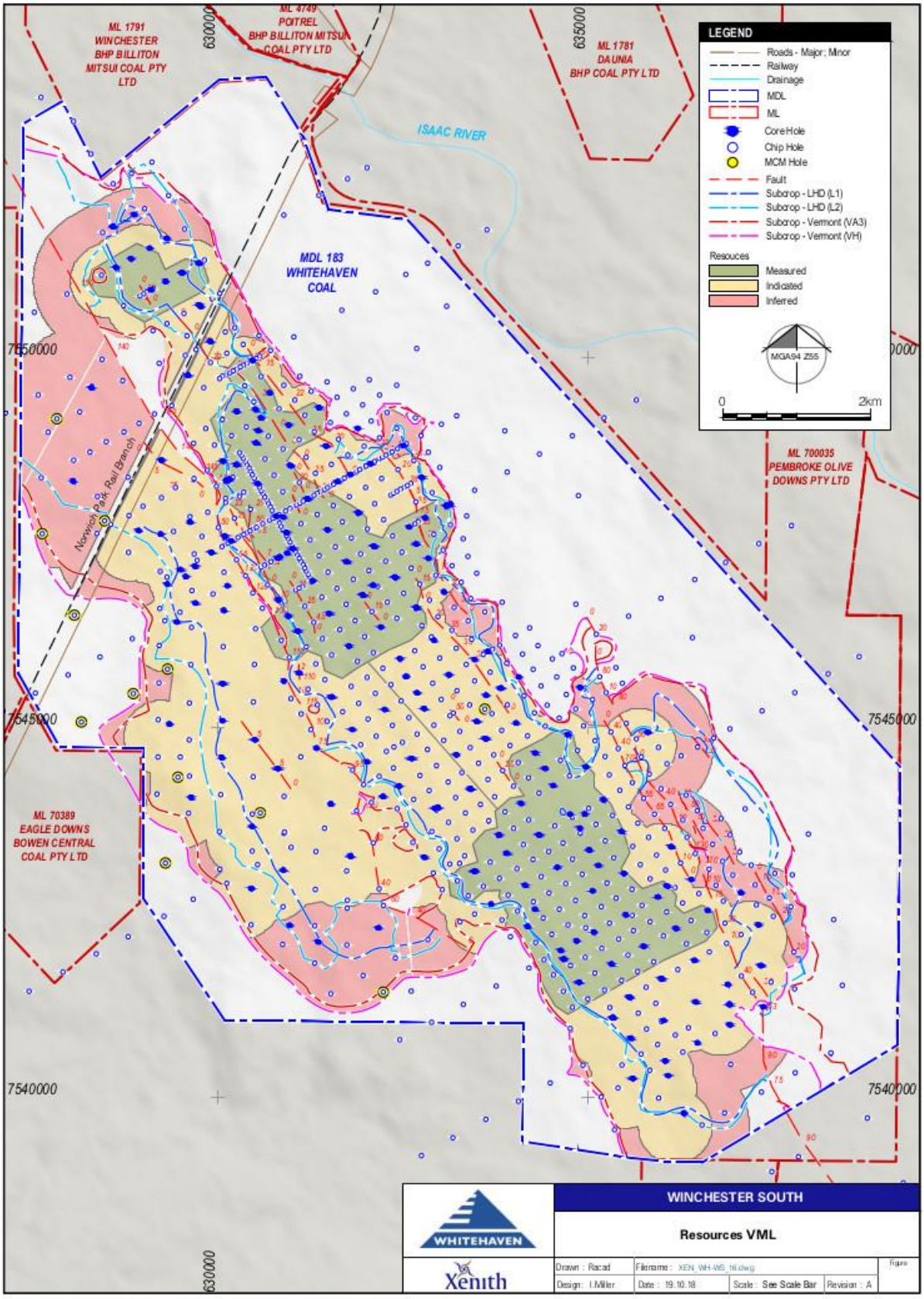
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WINCHESTER
BHP BILLITON
MITSUI COAL PTY
LTD
ML 4749
POITREL
BHP BILLITON MITSUI
COAL PTY LTD
ML 1781
DAUNIA
BHP COAL PTY LTD
ISAAC RIVER
MDL 183
WHITEHAVEN
COAL
ML 700035
PEMBROKE OLIVE
DOWNS PTY LTD
ML 70389
EAGLE DOWNS
BOWEN CENTRAL
COAL PTY LTD
Norwich Park Rail Branch
630000
635000
7550000
7545000
7540000
LEGEND
Roads - Major; Minor
Railway
Drainage
MDL
ML
Core Hole
Chip Hole
MCM Hole
Fault
Subcrop - LHD (L1)
Subcrop - LHD (L2)
Subcrop - Vermont (VA3)
Subcrop - Vermont (VH)
Resources
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Date : 19.10.18
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Revision : A
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Xenith

Whitehaven Coal Limited

Winchester South Project
Coal Resource Estimate Executive Summary

OCTOBER 2018

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DOCUMENT ISSUE APPROVAL

Project & Document No:	Date:
Winchester South Project	24/10/2018
Title	**Revision No:**
JORC Resource Estimate Executive Summary	2
Client:	**Status:**
Whitehaven Coal Limited	Final

	Name	Position	Signature	Date
Prepared by:	Iain Miller	Senior Geologist		22/10/2018
Reviewed by:	Bernhard Heizmann	Principal Geologist		22/10/2018
Approved by:	Troy Turner	Managing Director		24/10/2018

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Whitehaven Coal Ltd	Todd Harrington	1	1	

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EXECUTIVE SUMMARY

Mineral Development Licence ('MDL') 183 is currently 100% held by Whitehaven WS Pty Ltd.

Whitehaven Coal Ltd ('WHC') acquired a 75% interest in the Winchester South Project ('project') from Rio Tinto ('Rio') on 22 March 2018, the completion date of this acquisition was on 1 June 2018. The remaining 25% interest of the project was acquired from Scentre Group on 24 May 2018, with the completion date of 20 June 2018.

WHC has commissioned Xenith Consulting ('Xenith') to undertake the maiden resource estimate for the project under WHC ownership, in accordance with the JORC Code (2012).

The project is bounded by MDL 183, and is situated approximately 200 kilometres south-west of Mackay and 30 kilometres south-east of the major regional township of Moranbah.

The project is in the central Bowen Basin. This area is one of the world's major coal provinces. The MDL is located within an active mining area and is surrounded by several operating coal mines (refer to Figure 1). The Peak Downs railway line crosses the northern part of the MDL.

The project is located within the NNE-SSW trending Winchester syncline. Two fault systems, also trending NNW-SSE, are significant features of the project. They are part of the regional Jellinbah thrust system.

The coal resources of the project are found within the Rangal Coal Measures (Leichhardt and Upper Vermont seams) and the Fort Cooper Coal Measures (Middle and Lower Vermont seams). It should be noted that this report refers to the Leichhardt, Upper, Middle and Lower Vermont seams collectively as 'Rangal seams' for simplicity, however, stratigraphically it is recognised the Vermont Middle and Lower seams are part of the Fort Cooper Coal Measures.

The Rangal seams are shallow and are considered a potential open cut mining target. The Rangals seams are geologically well understood.

The project is currently seen to have significant potential as a large opencut project mining the Rangal seams.

More than 1,200 boreholes (including ~235 coal quality holes) have been drilled through the Rangal seams. The Rangal seams have been grouped into the Leichhardt (L) 1 and 2, the Upper Vermont seam (VU) and the Middle and Lower Vermont (VML) seams. The lowest Vermont ply that is considered a target in the VML seam is the VH ply. The Vermont basal plies that are below the VH ply, are only randomly intersected due to their poorer quality.

Xenith has reviewed the available geological data and have estimated the coal resources, with the results shown in Table 1 and Table 2.

Table 1 shows the resources by seam group and by resource category.

Table 2 shows the resource categories north and south of the Peak Downs railway line, that crosses the MDL.

The VML seam is found to be directly below the VU seam and is only separated by the Yarrabee Tuff (~1m). Some of the VML seam plies have average raw ash results more than 50% (adb). This resource estimate does not include those plies. The plies excluded are the VB, VC, VD and VE plies, as their average ash content over the resource is ~ 55%. The VF, VG and VH plies show an average ash content of ~48%, and these have been included in the resource estimate. It is recommended that the plies that are marginally higher than the 50% cut-off, should be the subject of further studies to better define their potential to be included as resources in the future.

On the basis that there is only minimal interburden from the VU to the VML seam, a very low incremental strip ratio to the VML seam results, and more importantly this seam contains the project's most favourable coking coal properties. All previous mining studies have shown that the likely pit floor will be the H ply of the VML seam. Rio followed this approach with their 2015 resource estimate.

The resource estimate was based on Points of Observation ('PoO') being cored boreholes, that are geophysically logged and with raw quality analysis. A nominal spacing between boreholes of 500m for Measured, 1000m for Indicated and 2000m for Inferred resources was adopted to define domains of similar confidence levels. Resources were extrapolated for half these distances beyond the last Point of Observation.

There is a total of 530 Mt included in the resource estimate for the Rangal seams, as shown in Table 1;

- 130 Mt in the Measured category;
- 300 Mt in the Indicated category;
- 100 Mt in the Inferred category.

More than 95% of the Rangal seams resource is at less than 150m depth of cover.
Most of the resources are found south of the Peak Downs railway, as shown in Table 2.

The resource polygon for the VML seam is shown in Figure 2, as an example of the coverage of resources over the MDL.

Table 1 – Resource Estimate Summary by Seam Group

SEAM	RESOURCE CATEGORY (MT)			
	MEASURED	INDICATED	INFERRED	TOTAL
Leichhardt 1 (L1)	18	29	5	52
Leichhardt 2 (L2)	51	111	25	187
Vermont Upper (VU)	40	99	40	178
Vermont Middle/Lower (VML)	23	62	29	113
TOTAL	**130**	**300**	**100**	**530**
PERCENTAGE OF RESOURCE	*25%*	*56%*	*20%*	*100%*

**Note – Some rounding to the nearest significant figure has occurred and this may reflect in minor differences in the overall reported resource.*

Table 2 – Resource Estimate Summary by Resource Category North and South of the Railway

SEAM	RESOURCE CATEGORY (MT)			
	MEASURED	INDICATED	INFERRED	TOTAL
North of the Railway	4	10	39	53
South of the Railway	128	290	60	478
TOTAL Opencut	**130**	**300**	**100**	**530**

**Note – Some rounding to the nearest significant figure has occurred and this may reflect in minor differences in the overall reported resource.*

Figure 1 – Regional Location

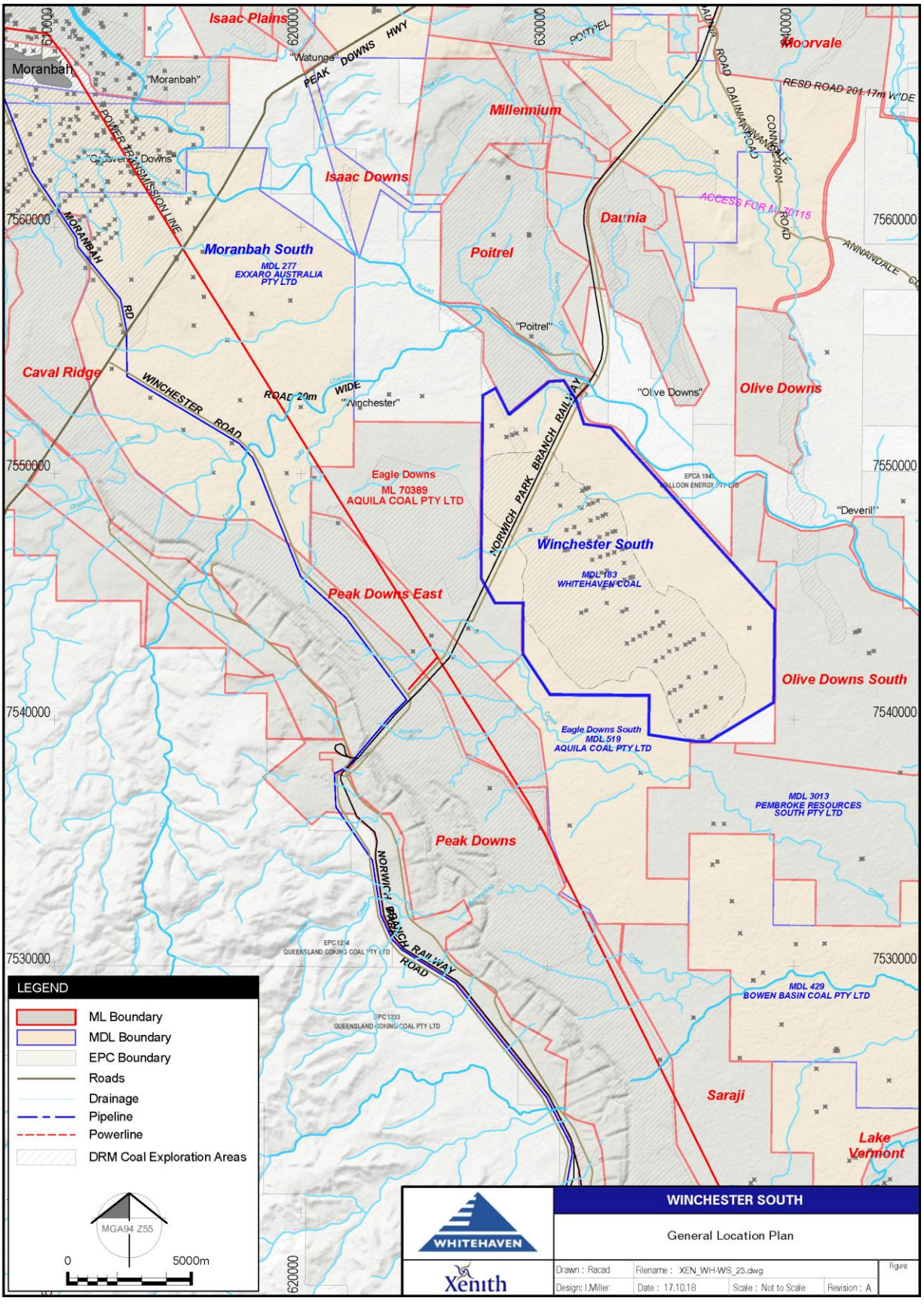

Figure 2 – Resource Polygons for the VML Seam

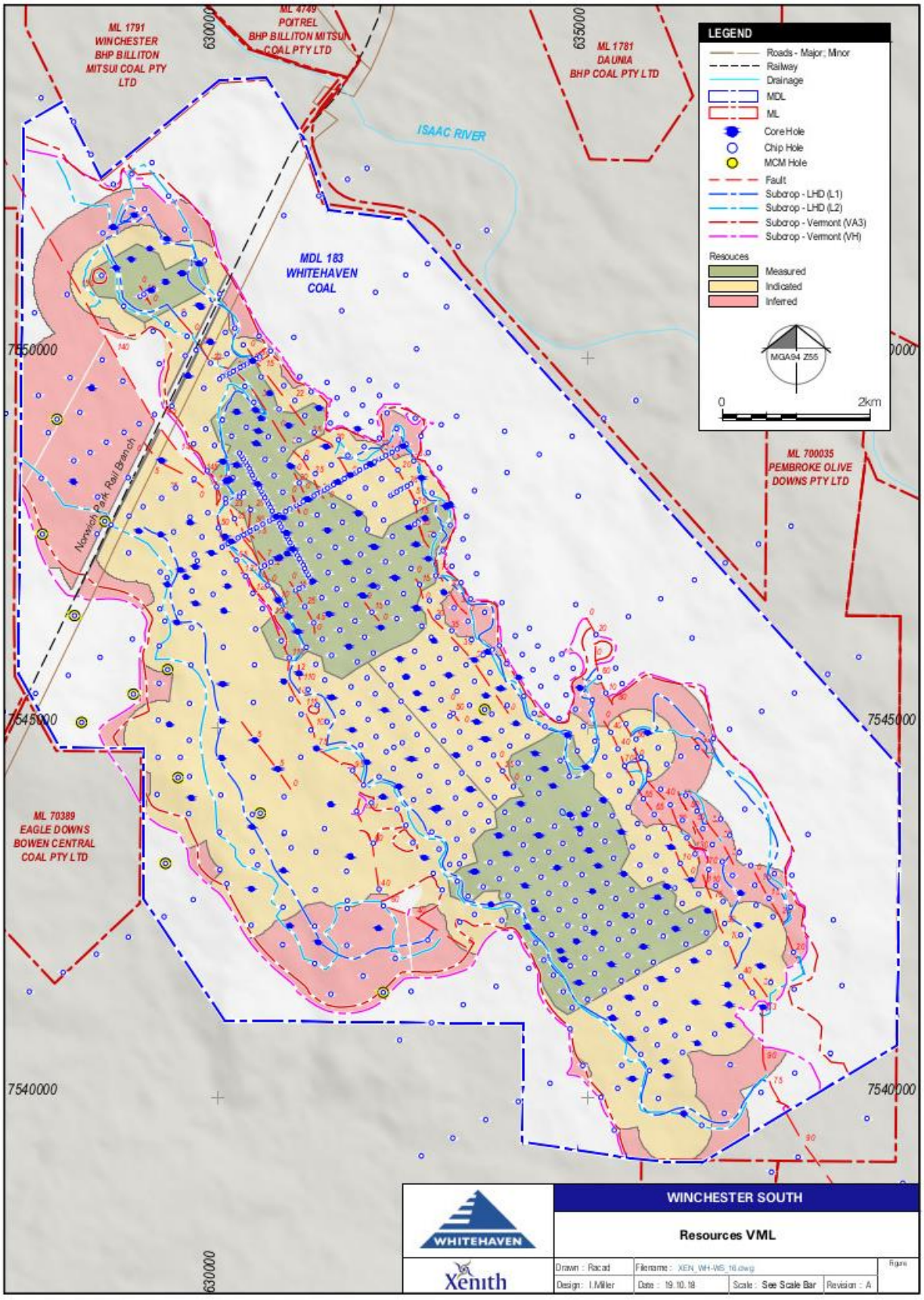

Table 3 – Resource Tonnage Summary by Depth of Cover

Depth	Resource	Mass
Interval	**Category**	**Million Tonnes**
0 – 150m	Measured	126
	Indicated	295
	Inferred	93
	Total	**513**
150 – 200m	Measured	6
	Indicated	5
	Inferred	7
	Total	**18**
TOTAL		**530**

**Note – Some rounding to the nearest significant figure has occurred and this may reflect in minor differences in the overall reported resource.*

The resource estimate shows the raw coal quality of the coal seams are moderate ash, low total sulphur and are amenable to two-stage washing to produce a coking product with a secondary middlings thermal product. Further work is required to optimise the product coal strategy and the potential product mix. The raw coal quality is shown below in Table 4.

Table 4 – Raw Coal Quality Summary

	RAW COAL QUALITY – BY RESOURCE CATEGORY						
SEAM	**CATEGORY**	**RD**	**IM % ad**	**ASH % ad**	**VM % ad**	**FC % ad**	**TS % ad**
ALL Opencut	MEASURED	1.64	2.4	32.8	19.2	46.7	0.37
ALL Opencut	INDICATED	1.65	2.4	34.3	18.9	45.1	0.36
ALL Opencut	INFERRED	1.66	2.4	34.7	18.6	44.9	0.36

IM - Inherent Moisture
VM - Volatile Matter
TS - Total Sulphur
FC - Fixed Carbon
CSN - Crucible Swelling Number
Romax - Mean Maximum Reflectance of Vitrinite in Oil

Within the 2015 resource estimate by Rio a total resource of 356 Mt was declared. The "Inventory" coal for the Rangal seams (including resources) totalled 786 Mt.

When reconciling this estimate against the 2015 resource estimate, only a small difference exists. The Rio resources were constrained to a conceptual pit shell based on assumptions unavailable (redacted) to Xenith, as part of the transaction documents.

The 2018 total inventory coal is 732 Mt, as shown in Table 5. It includes the 530 Mt of resources, 176 Mt of the VML seam with average ash content exceeding 50%, and 26 Mt outside of the resource polygons. This compares well with the 2015 inventory estimate.

This estimate is reported in accordance with the JORC Code 2012 following a comprehensive review of all available data, excluding Rio's conceptual pit shell limitations but still with a positive preliminary view on the reasonable prospects for potential economic extraction.

Table 5 – Rangal Seams Tonnage Comparison

CATEGORY	RIO 2015 (Mt)	Xenith 2018 (Mt)
MEASURED	**78**	**130**
INDICATED	**146**	**300**
INFERRED	**131**	**100**
JORC RESOURCE	**356**	**530**
INVENTORY	430	202
TOTAL INVENTORY (INCLUSIVE OF RESOURCES)	**786**	**732**

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Whitehaven Coal Limited

Winchester South Project
Coal Resource Estimate Table 1

OCTOBER 2018

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Winchester South Project	24/10/2018
Title	**Revision No:**
JORC Resource Estimate – Table 1	1
Client:	**Status:**
Whitehaven Coal Limited	Final

	Name	Position	Signature	Date
Prepared by:	Iain Miller	Senior Geologist		22/10/2018
Reviewed by:	Bernhard Heizmann	Principal Geologist		22/10/2018
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1 GLOSSARY

1.1 Acronyms and Abbreviations

Acronyms and Abbreviations	Description
t	Tonnes
Mt	Million tonnes
m	Metres
Km	Kilometres
Ha	Hectares
JORC	Joint Ore Reserve Committee
Whitehaven	Whitehaven Coal Limited
ML	Mining Lease
MDL	Mineral Development License
PoO	Point of Observation
Xenith	Xenith Consulting Pty Ltd
AusIMM	The Australasian Institute of Mining and Metallurgy

1.2 Glossary

Term	Description
Beneficiation	When applied to coal, it is the process of separating mined coal into various density groups through mechanical and dense medium processes.
Dip	Inclination of geological features from the horizontal.
Dilution	The inclusion of waste rock in the coal seam mined as a result of mining operations. The inclusion of a non-select ply of coal with the ply of coal being selectively mined can affect profitability or coal processing performance.
Expert	Either: “an Independent Individual who prepares and accepts responsibility for a Report” Or: “a Representative Expert who is the nominated representative of a legally constituted body. He or she supervises the preparation of a report and accepts responsibility for it on behalf of that body”

Term	Description
Fault	Fracture or a fracture zone in crustal rocks along which there has been displacement of the two sides relative to one another parallel to the fracture.
Geological Model	Refers to both the structure and coal quality models.
Indicated Resource	That portion of a Mineral Resource for which quantity and quality are estimated with a lower degree of certainty than for a Measured Mineral Resource. The sites used for inspection, sampling, and measurement are too widely or inappropriately spaced to enable the material or its continuity to be defined or its grade throughout to be established.
Inferred Resource	That part of a Mineral Resource for which tonnage, grade and mineral content can be estimated with a low level of confidence. It is inferred from geological evidence and assumed but not verified geological and/or grade continuity. It is based on information gathered through appropriate techniques from locations such as outcrops, trenches, pits, workings and drill holes that may be limited, or of uncertain quality and reliability.
Insitu	Generally used with reference to the reporting of coal resources to indicate a volume or tonnage of coal present undisturbed in the ground.
JORC Code	The Australasian Code for reporting of Mineral Resources and Mineral Reserves: "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves, The JORC Code, 2012 Edition"
Material / Materiality	Means that: a. the contents and conclusions of a Report; b. any contributing assessment, calculation or the like; and c. Data and information are of such importance that their inclusion or omission from a Technical Assessment or Valuation may result in a reader of the Report reaching a different conclusion than would otherwise be the case. The determination of what is Material depends on both qualitative and quantitative factors. Something may be Material in the qualitative sense because of its very nature, such as, for example, country risk. In the case of quantitative issues, the Materiality of data can be assessed in terms of the extent to which the omission or inclusion of an item could lead to changes in total value of: Less than 5 per cent — Item is generally not Material Between 5 & 10 per cent — Item may be Material More than 10 per cent — Item is definitely Material

Term	Description
	(This guidance is derived from the Australian Accounting Standards Board AAS5 Materiality "useful benchmarks".)
Measured Resource	That portion of a Mineral Resource for which the tonnage or volume is estimated from dimensions revealed in outcrops, pits, trenches, drill-holes, or mine workings, supported where appropriate by other exploration techniques. The sites used for inspection, sampling and measurement are so spaced that the geological character, continuity, grades and nature of the material are so well defined that the physical character, size, shape, quality and mineral content are established with a high degree of certainty.
Mineral Asset	All property including but not limited to real property, intellectual property, mining and exploration tenements held or acquired in connection with the exploration of, the development of and the production from those tenements together with all plant, equipment and infrastructure owned or acquired for the development, extraction and processing of minerals in connection with those tenements. Most Mineral Assets can be classified as either: Exploration Areas – properties where mineralisation may or may not have been identified, but where a Mineral or Petroleum Resource has not been identified. Advanced Exploration Areas – properties where considerable exploration has been undertaken and specific targets have been identified that warrant further detailed evaluation, usually by drill testing, trenching or some other form of detailed geological sampling. A resource estimate may or may not have been made but sufficient work will have been undertaken on at least one prospect to provide both a good understanding of the type of mineralisation present and encouragement that further work will elevate one or more of the prospects to the resource category. Pre-Development Projects – properties where Mineral or Petroleum Resources have been identified and their extent estimated (possibly incompletely) but where a decision to proceed with development has not been made. Properties at the early assessment stage, properties for which a decision has been made not to proceed with development, properties on care and maintenance and properties held on retention titles are included in this category if Mineral or Petroleum Resources have been identified, even if no further Valuation, Technical Assessment, delineation or advanced exploration is being undertaken. Development Projects – properties for which a decision has been made to proceed with construction and/or production, but which are not yet commissioned or are not yet operating at design levels.

Term	Description
	Operating Mines – mineral properties, particularly mines and processing plants that have been commissioned and are in production.
Mineral Reserve	The economically mineable material derived from a Measured and/or Indicated Mineral Resource. It is inclusive of diluting materials and allows for losses that may occur when the material is mined. Appropriate assessments, which may include feasibility studies, have been carried out, including consideration of, and modification by, realistically assumed mining, metallurgical, economic, marketing, legal, environmental, social and governmental factors. These assessments demonstrate at the time of reporting that extraction is reasonably justified.
Mineral Resource	A concentration or occurrence of solid mineral of economic interest in or on the Earth's crust in such a form, grade (or quality), and quantity that there are reasonable prospects for eventual economic extraction. The location, quantity, grade (or quality), continuity and other geological characteristics of a Mineral Resource are known, estimated or interpreted from specific geological evidence and knowledge, including sampling. Mineral Resources are subdivided, in order of increasing geological confidence, into Inferred, Indicated and Measured categories.
Minimum Mining Height	The minimum mining height at which an in-situ Mineral Resources is stated.
Overburden	Designates material of any nature, consolidated or unconsolidated, that overlies an economic deposit.
Ply	A coal seam can be divided vertically into different laterally persistent sub-seams based on coal quality or other characteristics; a ply refers to one of these sub-seams.
Seam	The term used for a coal bearing stratigraphic layer.
Resource	A tonnage or volume of rock or mineralisation or other material of intrinsic economic interest, the grades, limits and other appropriate characteristics of which are known with a specified degree of knowledge.
Risk	The chance of an event occurring that will have an impact on objectives. A risk may be quantifiable in terms of the likelihood of loss, less than expected returns or an undesirable outcome.
Specialist	Persons who may be retained by the Expert to prepare sections of Reports concerning matters about which the Expert is not personally Competent.

Term	Description
	Specialists must accept responsibility for the sections of the reports they prepare. Specialists must be Independent and Competent in relevant technical, commercial or legal fields associated with the Mining or Petroleum Industries and have at least five years of relevant and recent experience in the fields on which they are to report. Except in special circumstances that must be explained in the Report, the Expert or the Senior Specialist must be members of appropriate recognised Professional Associations having enforceable codes of ethics such as The AusIMM, AIG or MICA or their equivalents in countries other than Australia.
Strike	The course or bearing of the outcrop of an inclined bed, vein, or fault plane on a level surface; the direction of a horizontal line perpendicular to the direction of the dip.
Tailings	The gangue and other refuse material resulting from the washing, concentration, or treatment of ground ore.
Technical Assessment	An appraisal prepared by an Expert or Specialist, of the technical aspects of a Mineral or Petroleum Asset. They may involve the review of such matters as geology, resources, reserves, mining methods, metallurgical processes and recoveries, petroleum engineering, provision of infrastructure and environmental aspects.
Valuation	The process of determining the monetary Value of a Mineral or Petroleum Asset or Security.
Valuation Report	A report that expresses an opinion as to the Value of a Mineral or Petroleum Asset or of a Mineral or Petroleum Security and its underlying Assets.
Washability	Ability of the coal to be separated from waste fractions at a range of relative densities.

APPENDIX A. JORC CODE, 2012 EDITION – TABLE 1

This Appendix details sections 1, 2 and 3 of the JORC Code 2012 Edition Table 1. Sections 4 'Estimation and Reporting of Ore Reserves' and 5 Estimation and Report of Diamonds and Other Gemstones' have been excluded as they are not applicable to this deposit and estimation.

SECTION 1 SAMPLING TECHNIQUES AND DATA[1]

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

Criteria	JORC Code Explanation	CP Comments
Sampling Techniques	• *Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other*	• A combination of open hole (predominantly for structural definition) and core holes for coal quality and washability data, geotechnical, and gas sampling have been used. • Chip samples were reported to be logged on site on metre by metre basis and input into field sheets and updated into a geological database. • Core sampling is conducted onsite at the rig and coal intervals were sampled on a ply basis and within industry standards.

[1] It should be noted that this report refers to the Leichhardt, Upper, Middle and Lower Vermont seams collectively as 'Rangal seams' for simplicity, however, stratigraphically it is recognised the Vermont Middle and Lower seams are part of the Fort Cooper Coal Measures.

Criteria	JORC Code Explanation	CP Comments
	cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.	
Drilling Techniques	• *Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.).*	• A total of 1,250 drill holes (133,542m) support the Resource estimate. Cored drilling represents 26% of the total metres and open hole drilling 74%. The drill holes are up to 819m in depth and average 104m. The drill holes were all nominally recorded as vertical. • Boreholes that deviated by more than 5% were rejected by the previous holder and the contractor was obliged to re-drill the hole. • Coring has predominantly been carried out using HQ (63mm), HQ3 (61mm) core diameters and open hole drilling to an equivalent hole diameter size (96mm). • In addition, a number of 200mm and 100mm large diameter drill holes have been utilised to provide data for detailed washability and coking coal product studies.
Drill Sample Recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	• Standardised logging systems were utilised for all drilling logging and sampling. • Core recovery was recorded by the field geologist while logging the drill hole. If core recovery for a coal ply was less than ~90%, then that section of the hole was redrilled to ensure a representative sample was taken. • Ply samples were checked for representivity using a theoretical mass that is determined using analysed relative density, sample thickness and core diameter prior to composite definition.

Criteria	JORC Code Explanation	CP Comments
		• Open hole chip recovery was assessed qualitatively by the rig geologist.
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.* • *The total length and percentage of the relevant intersections logged.*	• Core was geologically and geotechnically logged and open hole chip samples were taken every 1m and logged for lithology changes. Logging for lithology, grainsize, weathering and hardness was conducted using standard dictionary definitions. Colour and any additional qualitative comments were also recorded. • All core was photographed on both a core table (0.5m increment) and a 5m tray basis. Chips were photographed as laid out by 1m intervals. • All holes were logged using a comprehensive suite of downhole geophysics tools (calliper, gamma, density, neutron, and sonic), with acoustic scanner (for geotechnical assessment) also run on some recent Rio cored holes.
Sub-Sampling Techniques and Sample Preparation	• If core, whether cut or sawn and whether quarter, half or all core taken. • If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry. • For all sample types, the nature, quality and appropriateness of the sample preparation technique. • Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. • Measures taken to ensure that the sampling is representative of the Insitu material collected, including for instance results for field duplicate/second-half sampling. • Whether sample sizes are appropriate to the grain size of the material being sampled.	• Core sampling was completed at the drill site and based on set of standard criteria (determined by lithology and structure). Samples were bagged at the drill site and then transported to an external accredited laboratory for analysis as a complete hole batch. • All samples were weighed, air-dried and then re-weighed before being crushed to a 19mm top size. A rotary splitter was used to divide the sample into portions (¼ for raw coal) and (¾ for wash and clean coal). • CQ analysis was by a three-stage method involving raw analysis on all plies followed by washability and product testing on composite samples as defined by the project geologist. • All sample treatment and analysis were conducted according to procedures which adhere to Australian (or International equivalent)

Criteria	JORC Code Explanation	CP Comments
		standards in a National Association of Testing Authorities certified laboratory.
Quality of Assay Data and Laboratory Tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* • *Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.*	• A Non-formalised quality assurance/quality control (QA/QC) involving duplicate sample was completed. In addition, Rio Tinto Coal Australia formally checks laboratory round robin and basic reproducibility tests provided by the primary lab. All results were assessed via cross-plots and statistics for precision and accuracy. • No documentary information on geophysical tool calibration was viewed as part of the current resource estimate.
Verification of Sampling and Assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• All CQ sampling and analysis was overseen and checked by professional geoscience personnel. • Data transfer from site was covered by an agreed protocol. This system documented primary data, data entry procedures, data verification, and data storage (physical and electronic) into a geological database.
Location of Data Points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	• The topographic surface was derived from Lidar data processed to a vertical accuracy of 0.1m within the mineral development lease (MDL) border by AAM in 2011. The digital topographic model was created in Minescape with an 8m ×8m cell size triangulation at 0.5m decimation.

Criteria	JORC Code Explanation	CP Comments
		• All surveyed borehole co-ordinates are within AGD 84 and projected to Australian Map Grid 1984 zone 55 (AMG 84 zone 55). • Drill hole collars were surveyed post drilling by licensed surveyors using differential global positioning system with an accuracy of ±10mm. • Downhole surveying was undertaken using downhole verticality and caliper tools.
Data Spacing and Distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* • *Whether sample compositing has been applied.*	• Drill hole spacing for open holes is on an equilateral triangle grid of ~500m. For cored holes spacing is on a ~1000m or less equilateral triangle grid for more recent drilled areas, otherwise infill drilling/redrilling of the original BP programs was used. • All core samples were composited within defined seam boundaries.
Orientation of Data in Relation to Geological Structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• The Coal Measures lying within the MDL are part of the Winchester Syncline. The syncline strikes in a northwest-southeast orientation. • Drill holes have been planned and drilled on a regular pattern that considers the orientation of the deposit. Core hole coverage and open hole structural holes are spaced regularly and therefore are not considered to introduce bias into any sampling regime. • The Rangal seams occur at depths of less than 200m, with the majority less than 150m. • The seams have relatively consistent layering with some steeper dips on the limbs of the syncline. The orientation and direction of the drill pattern is considered suitable for these types of stratified deposits.

Criteria	JORC Code Explanation	CP Comments
Sample Security	• *The measures taken to ensure sample security.*	• Core samples taken at the drill site were reported as being transported daily to the Winchester South drill camp for storage and placed into a freezer for the Rio drill program. Once the hole had been completed, the samples were transported to the laboratory via a dedicated courier service.
Audits or Reviews	• *The results of any audits or reviews of sampling techniques and data.*	• No documents containing reviews or audits of sampling techniques have been viewed as part of this resource update.

SECTION 2 REPORTING OF EXPLORATION RESULTS[2]

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

Criteria	JORC Code Explanation	CP Comments
Mineral Tenement and Land Tenure Status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	• The Winchester South Project area is covered by Mineral Development Licence ('MDL') 183 which occupies an area of about 10,952 Hectares. • MDL 183 is currently 100% held by Whitehaven WS Pty Ltd. Whitehaven coal acquired a 75% interest in the Winchester South Project from Rio Tinto on 22 March 2018, the completion date of this 75% acquisition was on 1 June 2018. The remaining 25% interest of the Winchester South Project was acquired from Scentre Group on 24 May 2018 with the completion date of the remaining 25% acquisition on 20 June 2018. • The MDL is current until 30th April 2021 and can be renewed on application. • Winchester South is defined by the boundaries of MDL 183 covering 10,952ha and is situated in Isaac Regional Council. The lease is in current good standing.

[2] It should be noted that this report refers to the Leichhardt, Upper, Middle and Lower Vermont seams collectively as 'Rangal seams' for simplicity, however, stratigraphically it is recognised the Vermont Middle and Lower seams are part of the Fort Cooper Coal Measures.

Criteria	JORC Code Explanation	CP Comments

Tenure	Tenement Holder	Grant Date	Expiry Date
EPC 352	B.P. Australia limited, Drayton Mining, Westfield Development	02/04/1981	05/03/1989
EPC 486	Queensland Coal Pty Limited	06/03/1989	07/08/1996
MDL 183	Scentre Ltd (25% ownership)	03/02/1995	15/09/2014
MDL 183	Drayton Mining Development Proprietary Limited (25%)	03/02/1995	27/09/1996
MDL 183	Queensland Coal Pty Limited (50%)	03/02/1995	23/02/1995
MDL 183	Kembla Coal and Coke Pty Limited (50%)	23/02/1995	27/09/1996
MDL 183	Queensland Coal Pty Limited (50%)	27/09/1996	27/09/1996
MDL 183	Queensland Coal Pty Limited (75%)	27/09/1996	20/09/2018
MDL 183	Scentre Ltd (25%)	15/09/2014	20/09/2018
MDL 183	Queensland Coal Pty Limited (75%)	20/09/2018	20/09/2018
MDL 183	Whitehaven WS Pty Ltd (100%)	20/09/2018	Current

Criteria	JORC Code Explanation	CP Comments
Exploration Done by Other Parties	• *Acknowledgment and appraisal of exploration by other parties.*	• Previous exploration (prior to Rio Tinto) was done by BP Coal who carried out exploration in 1981. The focus of their exploration programme was to understand the structure, geology, and coal quality for a feasibility study on a low volatile thermal product. Drilling was carried out to ~250m spacing for cored holes and ~500m spacing for cored holes. • B.P. Coal Australia conducted an extensive drilling program in 1981 and 1982. A total of 1032 holes were drilled, and this included 826 open holes, 138 HQ (61mm) core holes, 42 geotechnical holes. 18 large diameter holes and 8 bulk sample (2m diameter) holes. • Exploration work conducted by B.P. was used as the basis of knowledge for the geology, seam geometry and structure of the Winchester South deposit. Assessment of the project for development by B.P. at the time was directed at producing an export thermal coal product.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• Winchester South is located in Queensland near the township of Moranbah in the Central part of the Bowen Basin which contains numerous important coal producing intervals in the Permian stratigraphy. Coal seams are found in Late Permian Rangal Coal Measures, the Ft. Cooper Coal Measures and the Moranbah Coal Measures. The main host-rock types of these sub-groups are sandstone, siltstone with minor stratigraphic layers of conglomerate, and tuffaceous bands. • Structurally the deposit is dominated by the Winchester Syncline which has been itself affected by reverse and normal faulting.
Drill Hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* – easting and northing of the drill hole collar	• The table below provides a summary of drill hole data summary for all drilling that has been completed to-date (in excess of 1,200 holes) • A summary of the drillhole database highlighting PoO's is attached in an appendix to the Table 1.

Criteria	JORC Code Explanation	CP Comments
	– elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar – dip and azimuth of the hole – down hole length and interception depth – hole length. • *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*	

Numbers of Holes Drilled					
	1981-1982	2005	2010-2011	2013	2014
Open Holes	825	11	107	0	1
Cored Holes	204	12	73	6	11

- B.P. Coal Australia conducted extensive drilling during 1981 and 1982. Of the core holes drilled,138 were HQ holes (61mm), 42 were geotechnical, 18 were large diameter and 8 were bulk sample holes (2m diameter).
- Rio Tinto Coal Australia (RTCA) has conducted several drilling campaigns within Winchester South.
  - 2005 consisted of 23 holes with core holes consisting of 5 partially cored 100mm cores and 6 partially cored 200mm core holes. Samples were analysed for washability and coking properties.
  - 2011 – 180 drill holes were completed. Cored holes comprised partially cored slim (HQ) and large diameter cores. Geotechnical coring was undertaken with HQ diameter core. Large diameter core consisted of 100mm and 200mm partial core holes. Drilling was aimed at upgrading the orebody to at least an Indicated status.
  - 2013-2014 Drilling – Focused on viability and economics of the seams within the Moranbah Coal Measures (MCM).
  - 2013 6 partially cored holes were drilled to test the depth, seam thickness and coal quality of the MCM. 25km of 2D seismic was also shot.
  - 2014 – 7 partly cored holes were drilled to confirm the seam thickness, continuity and coal quality of the MCM. 4 partly cored holes were drilled

Criteria	JORC Code Explanation	CP Comments
		into the Rangal seams to conduct beneficiation tests. 35km of 2D seismic was conducted.
Data Aggregation Methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.* • *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• Ply samples were combined by the previous explorers to create composites (for washability and product coal analyses) representing mineable seam working sections.
Relationship Between Mineralisation Widths and Intercept Lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').*	• Based on drilling techniques and stratigraphy, the coal seam intercepts approximate the true coal thickness of the target seams.
Diagrams	• *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should*	• Diagrams and maps representing seam structure, seam sections, seam quality, topography and deposit location can be reviewed in the main body of the accompanying report.

Criteria	JORC Code Explanation	CP Comments
	include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	
Balanced Reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• Not applicable
Other Substantive Exploration Data	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	• In addition to drilling, approximately 60km of 2D seismic lines have been completed to identify faults, folds, and possible igneous intrusions that may affect the target coal seams.
Further Work	• *The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• Suggested further work to improve the understanding of the extent and understanding of the deposit would include the following; – Perform a re-interpretation of existing seismic lines; conduct additional 2D seismic surveys and possibly 3D seismic at a later stage. – Undertake detailed washability studies at the preferred Rangal seams sizing for coking coal product; complete some as duplicate holes to calibrate against existing washability data. – Further drilling of lox/sub-crop holes to delineate extent of near-surface fresh coal.

SECTION 3 ESTIMATION AND REPORTING OF MINERAL RESOURCES[3]

(Criteria listed in section 1, and where relevant in section 2, also apply to this section.)

Criteria	*JORC Code Explanation*	CP Comments
Database Integrity	• *Measures taken to ensure that data has not been corrupted by, for example, transcription or keying errors, between its initial collection and its use for Mineral Resource estimation purposes.* • *Data validation procedures used.*	• All drill hole data was previous securely stored in the previous holder's computer database (in Brisbane) and was subject to daily back-up. • Data was validated at the drill site and also prior to loading into the database by the responsible geologist. • The database contains automated validation processes which were activated during data loading and to prevent un-validated data being loaded.
Site Visits	• *Comment on any site visits undertaken by the Competent Person and the outcome of those visits.* • *If no site visits have been undertaken indicate why this is the case.*	• The CP has not undertaken a site visit however has extensive knowledge of the area and coal seams within the project. The CP has worked on various projects nearby the Winchester South Coal Project and therefore knowledge of the project is sufficient enough for reporting purposes.
Geological Interpretation	• *Confidence in (or conversely, the uncertainty of) the geological interpretation of the mineral deposit.* • *Nature of the data used and of any assumptions made.* • *The effect, if any, of alternative interpretations on Mineral Resource estimation.* • *The use of geology in guiding and controlling Mineral Resource estimation.*	• The deposit is well understood due to the volume of exploration drilling undertaken. The Rangal seams are reasonably flat-lying with most major structures defined. Drill holes placed along seismic lines has supported the geological model. The current geological interpretation is considered robust.

[3] It should be noted that this report refers to the Leichhardt, Upper, Middle and Lower Vermont seams collectively as 'Rangal seams' for simplicity, however, stratigraphically it is recognised the Vermont Middle and Lower seams are part of the Fort Cooper Coal Measures.

Criteria	JORC Code Explanation	CP Comments
	• *The factors affecting continuity both of grade and geology.*	
Dimensions	• *The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.*	• The deposit trends ~14km northwest-southeast following the Winchester South syncline and is ~4km wide at its maximum. The deposit extends to a depth of ~800m below the topographic surface for the Moranbah Coal Measures seams.
Estimation and Modelling Techniques	• *The nature and appropriateness of the estimation technique(s) applied and key assumptions, including treatment of extreme grade values, domaining, interpolation parameters and maximum distance of extrapolation from data points. If a computer assisted estimation method was chosen include a description of computer software and parameters used.* • *The availability of check estimates, previous estimates and/or mine production records and whether the Mineral Resource estimate takes appropriate account of such data.* • *The assumptions made regarding recovery of by-products.* • *Estimation of deleterious elements or other non-grade variables of economic significance (e.g. sulphur for acid mine drainage characterisation).* • *In the case of block model interpolation, the block size in relation to the average sample spacing and the search employed.* • *Any assumptions behind modelling of selective mining units.* • *Any assumptions about correlation between variables.* • *Description of how the geological interpretation was used to control the resource estimates.*	• Rio Tinto modelled the Rangal seams in separate geological models from the Moranbah seams. The primary reasons for this was the historical focus on the upper seam sequence with little regards of the Moranbah Coal Measures as well as some difficulties in modelling all the seams through both sequences in one model. • Xenith has reviewed and then used these Rio Tinto models and after review of the modelling processes have utilised the (updated) model for the resource estimation of the Rangal seams. • The Rangals seam data were modelled in the AGD84 AMG84 Zone 55 projection. • Modelling was completed using Minescape software version 5.12, using the Stratmodel module. The modelling parameters for the resource estimate are all contained and controlled within the Schema, “ws_oct2018” for the Rangal seams model. All drill holes have been modelled as vertical. • All seams were set to be conformable with the seam stratigraphically below. • The seams were set to pinch out between boreholes where they are not present in a drill hole. • The details of the modelling schema is outlined below.

Criteria	JORC Code Explanation	CP Comments
	• *Discussion of basis for using or not using grade cutting or capping.* • *The process of validation, the checking process used, the comparison of model data to drill hole data, and use of reconciliation data if available.*	

Modelling Element	Rangal Seams Modelling Schema
Schema	Ws_oct2018
Thickness Interpolator	FEM 0
Trend Interpolator	FEM 1
Surface Interpolator	FEM 0
Minimum Interval thickness	0.3m
Seams/Intervals Modelled	L1A1, L1A2, L1B, L2AU, L2AL, L2B1, L2B2, L2C1, L2C2, VA0, VA1, VA2, VA3, VB,VC, VD, VE, VF, VG, VH
Additional Surfaces Modelled	BUCZ, BHLW, BURW, YT
Seam Relationship	Conformable
Seam Continuity	Pinch
Compound Seams	L1A (L1A1, L1A2), L1 (L1A, L1B), L2B (L2B1, L2B2), L2C (L2C1,L2C2), L2BC (L2B, L2C), L2A (L2AU, L2AL), L2 (L2A, L2BC), VBC (VB, VC), VDE (VD, VE), VLU (VBC, VDE), VFG (VF, VG), VLL (VFG, VH), VML (VLU, VLL)
Additional Survey	

Faults Modelled	31 Faults; WSF01_R2, WSF01_R3, WSF01_R4, WSF01_R5, WSF01_R7, WSF01_R8, WSF02_N1, WSF02_N2, WSF02_R2, WSF02_R3, WSF02_R4, WSF03_R2, WSF03-R3, WSF04_R1, WSF04_R2, WSF04_R3, WSF04_R4, WSF05_R1, WSF05_R3, WSF05_R4, WSF06_R, WSF07_R1, WSF07_R2, WSF11_N, WSF11_N1, WSF11_N2, WSF11_N3, WSF11_R1, WSF11_R2, WSF11_R3, WSF11_R4
Constraint File	
Grid Spec	Wsc_grd_25
Grid Spacing	25m
Grid Origin	X: 626600.000 Y: 7538400.000
Number of Row and Columns in Grid	Rows: 628 Columns: 522
Grid Dimensions	15,700m x 13,050m
Quality Model	Raw_e
Raw Quality Table	18raw_px_e_samp
Composite Quality Table	18raw_px_e

- The modelling software allows the model to be interrogated either on a compound seam or an elemental seam basis.
- The Rangal seams resources were estimated using the elemental seams. These seams were then compiled into the L1, L2, VU and VML seam groups.
- The raw coal quality data used in the model has been sourced from the Rio Tinto database and model. Coal quality data was checked

Criteria	JORC Code Explanation	CP Comments
		and reviewed for any anomalies. In the Rangal seams model, four holes were added to the coal quality tables, WCHS0009, WCHS0010, WCHS00012 and WCHS00012. These samples were individually verified, calibrating the sample and seam depths using the geophysical logs, and when necessary the anomalous samples were excluded. • The following Raw Coal Qualities were modelled: – Relative Density – Insitu Relative Density – Ash – Inherent moisture – Volatile matter – Fixed Carbon – CSN – Total Sulphur – Calorific Value. • All qualities were weight-averaged on thickness and relative density, apart from RD which is only weighted on thickness. The quality model interpolator is Inverse Distance Squared.
Moisture	• *Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content.*	• In-situ moisture was set at 5%.
Cut-Off Parameters	• *The basis of the adopted cut-off grade(s) or quality parameters applied.*	• No cut-off parameters have been applied to the resource model regarding depth however it is recognised that the majority of the modelled coal exists within 150m depth from surface and therefore pass the reasonable prospects for potential economic extraction test.

Criteria	JORC Code Explanation	CP Comments
		• The VML seam plies B, C, D and E (all below the Yarrabee Tuff) were excluded from the resources as their average ash content (a.d.b.) exceeds 50%. The Vermont seams F, G and H plies have average ash content of ~48%. They have been included in the resource. • It is important to note that the VML seams produce the most attractive product quality coking coal in the deposit (albeit at low yields) and this coal will be important in optimising the product blend. • The resources for the Rangal seams are limited in area by the following parameters: – In the north-western portion of the deposit, the resource is limited by the MDL property boundary and is also split by the rail corridor. A 50m buffer each side of the railway has been defined. – In the south-eastern portion of the deposit, the resource has been limited by the MDL property boundary. – In the central portions of the deposit, the northern and central extents have been limited by the subcrop lines. – Ash content (see above).
Mining Factors or Assumptions	• *Assumptions made regarding possible mining methods, minimum mining dimensions and internal (or, if applicable, external) mining dilution. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential mining methods, but the assumptions made regarding mining methods and parameters when estimating Mineral Resources may not always be rigorous. Where this is the*	• Development of this resource has assumed mining using standard large-scale mining equipment. • The mining method is assumed to include overburden removal via conventional truck and shovel and/or dragline for the open-cut coal mining of the Rangal seams as per neighbouring deposits in the region.

Criteria	JORC Code Explanation	CP Comments
	case, this should be reported with an explanation of the basis of the mining assumptions made.	
Metallurgical Factors or Assumptions	• *The basis for assumptions or predictions regarding metallurgical amenability. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential metallurgical methods, but the assumptions regarding metallurgical treatment processes and parameters made when reporting Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the metallurgical assumptions made.*	• It is assumed that a combination of density separation (magnetite/water) and fines flocculation processes would be applicable for the processing of Winchester South coal. Further work is required to better understand the washability characteristics of the various seams with a focus on their size distribution given the vitrinite macerals report to the finer fractions.
Environmental Factors or Assumptions	• *Assumptions made regarding possible waste and process residue disposal options. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider the potential environmental impacts of the mining and processing operation. While at this stage the determination of potential environmental impacts, particularly for a greenfields project, may not always be well advanced, the status of early consideration of these potential environmental impacts should be reported. Where these aspects have not been considered this should be reported with an explanation of the environmental assumptions made.*	• No issues are expected that would impact on the resource estimate at this point. • Whitehaven have commenced environmental studies, as part of assessing the background ecology of the project.
Bulk Density	• *Whether assumed or determined. If assumed, the basis for the assumptions. If determined, the method used, whether*	• Preston and Sanders Insitu Relative Density Estimation – The Insitu density of the coal seams has been estimated using the Preston and Sanders Insitu relative density estimation equation:

Criteria	JORC Code Explanation	CP Comments
	wet or dry, the frequency of the measurements, the nature, size and representativeness of the samples. • *The bulk density for bulk material must have been measured by methods that adequately account for void spaces (vugs, porosity, etc.), moisture and differences between rock and alteration zones within the deposit.* • *Discuss assumptions for bulk density estimates used in the evaluation process of the different materials.*	$$RD(insitu) = \frac{RDad \times (100 - Mad)}{\{100 + RDad \times (ISM - Mad) - ISM\}}$$ • Inherent (air dried) moisture values have been derived from sampled core intervals. • Insitu Moisture was assumed to be 5% for the purpose of the resource estimation.
Classification	• *The basis for the classification of the Mineral Resources into varying confidence categories.* • *Whether appropriate account has been taken of all relevant factors (i.e. relative confidence in tonnage/grade estimations, reliability of input data, confidence in continuity of geology and metal values, quality, quantity and distribution of the data).* • *Whether the result appropriately reflects the Competent Person's view of the deposit.*	• In the current 2018 resource estimate, for a drill hole to be classified as a Point of Observation ("PoO") for a seam or ply, it must be a cored hole and have: – A geophysical log for the core holes, or pilot hole, including density and gamma-ray data. – Greater than 90% core recovery across a seam or accepted by CP as being representative of the seam through analysis of the coal quality results, core photography and geophysical signature, and logging notes. – Have raw coal quality data, including at least Relative Density and Ash. • There are currently 214 holes in the model that meet the requirements as PoO's for this estimate. • Three resource categories have been identified depending on the level of confidence in the seam structure and continuity plus the level of variability in the coal quality data, in accordance with the JORC Code. • The requirements for spacing between a PoO, is not prescribed for the 2014 Coal Guidelines if consistent seam stratigraphy and coal quality can be established.

Criteria	JORC Code Explanation	CP Comments
		• The Rangals seams' designated areas of confidence were assigned according to PoO spacing and seam variability relating to thickness and quality. • A nominal spacing between PoO's has also been used. • For the Rangal seams: – 500m for Measured – 1,000m for Indicated, and – 2,000m for Inferred. • Polygons have been smoothed to account for areas of similar confidence. • A minimum of 3 PoO's was required to generate resource estimates for a single resource category. Where these PoO's formed a linear relationship relative to each other, the continuity of the deposit could not be established. Therefore, as a minimum 3 PoO's needed to form a 'triangle shape' spatially, allowing the continuity between these points to be established.
Audits or Reviews	• *The results of any audits or reviews of Mineral Resource estimates.*	• No formal audits have been completed on this estimate and report.
Discussion of Relative Accuracy/ Confidence	• *Where appropriate a statement of the relative accuracy and confidence level in the Mineral Resource estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the resource within stated confidence limits, or, if such an approach is not deemed appropriate, a*	• Data provided by the previous holder is extensive, complete and accurate and is considered to be of an appropriate standard by the Competent Person.

Criteria	JORC Code Explanation	CP Comments
	qualitative discussion of the factors that could affect the relative accuracy and confidence of the estimate. • *The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used.* • *These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.*	

APPENDIX B. BOREHOLES LIST

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
C2100	636180.59	7539599.51	193.52	29/07/2011	30/07/2011	108.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2101	635061.94	7539820.30	196.68	31/07/2011	31/07/2011	108.00	M		Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	Y
C2102	635227.29	7540894.07	203.27	1/08/2011	17/08/2011	94.92	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	Y
C2103	636798.98	7541076.63	198.14	26/08/2011	28/08/2011	162.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2104	635639.72	7541857.75	204.08	3/07/2011	7/07/2011	240.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	Y
C2105	634556.37	7541688.04	208.28	23/08/2011	25/08/2011	72.16	M	YES	Y	Y	Y	Y									
C2106	634171.20	7542362.20	214.12	22/08/2011	23/08/2011	132.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2107	635026.05	7542953.67	211.22	7/07/2011	22/07/2011	174.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2108	635954.17	7542675.24	205.45	17/09/2011	18/09/2011	168.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2109	635094.78	7543841.87	213.08	25/07/2011	26/07/2011	156.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y				
C2110	633685.53	7543367.60	218.16	30/07/2011	31/07/2011	96.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2111	633352.85	7542873.70	217.42	29/07/2011	30/07/2011	126.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y				
C2113	631243.51	7541920.62	216.38	30/06/2011	1/07/2011	79.87	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	
C2114	630341.80	7542644.04	226.57	27/04/2011	29/04/2011	60.48	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2115	631682.13	7543091.70	216.99	24/06/2011	27/06/2011	156.54	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2116	633294.17	7543984.50	218.83	28/07/2011	29/07/2011	186.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2117	634308.79	7544266.38	212.21	23/07/2011	24/07/2011	150.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
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C2118	633383.41	7544900.64	213.22	25/07/2011	26/07/2011	153.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2119	632505.65	7544401.88	223.15	9/04/2011	11/04/2011	138.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	Y
C2120	631415.47	7543785.91	220.48	18/08/2011	20/08/2011	148.80	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	Y
C2121	630349.37	7543482.82	224.42	22/06/2011	24/06/2011	99.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2122	629525.33	7543873.56	227.21	4/06/2011	6/06/2011	62.62	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2123	629944.21	7544413.25	214.50	29/04/2011	1/05/2011	101.05	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2124	630700.85	7544267.06	213.31	6/06/2011	22/06/2011	153.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2125	631696.63	7544807.62	217.13	25/02/2011	27/02/2011	133.00							Y	Y	Y	Y	Y			Y	Y
C2126	632436.89	7545513.44	212.89	9/03/2011	28/03/2011	186.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	Y
C2127	633351.46	7545739.52	207.98	24/07/2011	25/07/2011	150.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2128	632563.38	7546429.89	201.81	28/02/2011	3/03/2011	193.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	Y
C2129	631659.07	7545920.22	205.51	28/03/2011	9/04/2011	144.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	Y
C2130	630779.22	7545439.70	206.49	25/05/2011	29/05/2011	195.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	Y
C2131	629953.84	7545413.46	212.33	23/05/2011	25/05/2011	93.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2132	629231.54	7544865.76	224.63	2/06/2011	4/06/2011	61.15	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2133	629331.57	7546245.38	210.39	1/07/2011	2/07/2011	84.52	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2134	629976.44	7546404.62	205.96	2/07/2011	5/07/2011	126.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2135	630837.98	7546327.80	200.91	5/07/2011	6/07/2011	114.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y

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C2136	631625.83	7547063.62	199.39	4/03/2011	8/03/2011	150.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	Y
C2137	632585.28	7547301.91	196.33	11/04/2011	13/04/2011	216.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	Y
C2138	631787.51	7547715.90	194.80	13/04/2011	15/04/2011	186.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	Y
C2139	630817.90	7547456.91	195.58	16/04/2011	17/04/2011	144.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2140	629982.00	7547411.89	196.69	6/07/2011	18/07/2011	120.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2141	628815.56	7547484.74	204.61	15/09/2011	16/09/2011	78.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2142	627932.74	7548148.70	215.38	22/08/2011	26/08/2011	108.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2143	629128.08	7548436.92	206.41	22/07/2011	24/07/2011	162.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2144	630140.94	7548372.68	198.40	18/07/2011	20/07/2011	96.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2146	630397.67	7549116.02	199.41	20/07/2011	21/07/2011	100.19	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2147	629480.44	7549579.37	205.22	21/07/2011	22/07/2011	70.65	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2148	628178.43	7549419.38	202.82	12/09/2011	15/09/2011	210.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2149	631702.47	7544793.61	217.22	29/05/2011	31/05/2011	96.36	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	Y
C2150	630379.36	7544657.12	211.86	31/05/2011	2/06/2011	146.42	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2151	632054.02	7542110.37	215.91	27/06/2011	30/06/2011	72.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
C2152	632443.83	7545513.58	212.90	31/07/2011	1/08/2011	114.00	M		Y	Y	Y	Y	Y	Y	Y	Y	Y				
C2153	632569.64	7546430.13	201.97	17/08/2011	18/08/2011	126.00	M		Y	Y	Y	Y	Y	Y	Y	Y	Y				
C2154	634563.81	7541688.34	208.30	25/08/2011	25/08/2011	36.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y				

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C2155	635215.63	7540892.50	203.29	16/09/2011	16/09/2011	48.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y				
G2300	629378.92	7544420.66	226.43	22/06/2011	24/06/2011	70.27	M		Y	Y			Y	Y	Y	Y	Y		Y	Y	Y
G2301	630855.18	7542144.31	217.06	20/06/2011	22/06/2011	71.84	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
G2302	633294.90	7543993.84	218.67	18/07/2011	21/07/2011	125.84	M						Y	Y	Y	Y	Y		Y	Y	Y
G2303	635481.81	7542280.77	205.21	1/07/2011	6/07/2011	179.90	M						Y	Y	Y	Y	Y		Y	Y	Y
G2304	633149.51	7542982.42	215.55	24/06/2011	26/06/2011	68.08	M						Y	Y	Y	Y	Y		Y	Y	Y
G2305	630978.44	7545557.60	206.62	1/06/2011	9/06/2011	137.84	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
G2306	635838.52	7539807.56	194.21	27/06/2011	1/07/2011	119.22	M						Y	Y	Y	Y	Y		Y	Y	Y
G2307	630769.39	7547665.39	194.41	28/05/2011	31/05/2011	92.35	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
G2308	631411.07	7543791.81	220.61	21/07/2011	24/07/2011	143.42	M						Y	Y	Y	Y	Y				Y
G2309	631411.40	7543796.53	220.55	25/07/2011	26/07/2011	158.86	M						Y	Y	Y	Y	Y		Y	Y	Y
L2200	635968.04	7540112.07	196.82	21/05/2011	26/05/2011	121.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
L2201	634731.81	7541935.30	209.77	7/05/2011	12/05/2011	98.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
L2202	634221.73	7543366.57	216.95	5/07/2011	6/07/2011	141.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
L2203	630772.71	7542891.36	223.80	7/07/2011	9/07/2011	108.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
L2204	629952.07	7544910.93	212.29	17/05/2011	20/05/2011	102.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
L2205	632677.59	7545075.69	213.68	14/05/2011	17/05/2011	150.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
L2206	631844.28	7546609.30	203.52	3/05/2011	7/05/2011	128.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y

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L2207	631099.46	7547912.38	193.41	30/04/2011	2/05/2011	74.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
L2208	629114.46	7547435.03	201.11	26/05/2011	28/05/2011	90.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
R2000	631193.52	7541632.68	212.03	1/06/2011	2/06/2011	186.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2001	631627.14	7541878.16	215.64	31/05/2011	31/05/2011	102.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2002	632061.94	7542117.53	215.99	31/05/2011	31/05/2011	180.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2003	632064.23	7542637.50	214.99	31/05/2011	1/06/2011	174.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2004	631631.99	7542375.06	219.68	30/05/2011	30/05/2011	144.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2005	631194.97	7542137.03	218.39	29/05/2011	30/05/2011	174.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2006	630759.80	7541887.10	220.26	29/05/2011	29/05/2011	78.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2007	630335.33	7542150.50	223.93	23/05/2011	24/05/2011	126.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2008	630767.18	7542394.27	220.31	23/05/2011	23/05/2011	114.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2009	631202.64	7542630.22	219.71	24/05/2011	25/05/2011	204.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2010	631625.04	7542880.94	215.61	25/05/2011	25/05/2011	138.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2011	631984.32	7543260.75	214.83	26/05/2011	28/05/2011	192.00	M						Y	Y	Y	Y	Y			Y	Y
R2012	631211.76	7543142.64	220.14	11/05/2011	12/05/2011	222.00	M						Y	Y	Y	Y	Y			Y	Y
R2013	630770.69	7542888.79	223.85	8/05/2011	8/05/2011	120.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2014	630334.22	7542639.32	226.66	25/02/2011	25/02/2011	66.00	M						Y	Y	Y	Y	Y			Y	Y
R2015	629911.57	7542903.85	226.58	12/05/2011	12/05/2011	54.00	M						Y	Y	Y	Y	Y		Y	Y	Y

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R2016	630347.75	7543146.37	227.68	7/05/2011	8/05/2011	108.00	M						Y	Y	Y	Y	Y			Y	Y
R2017	630778.40	7543389.76	224.59	8/05/2011	11/05/2011	210.00																
R2018	630778.69	7543886.95	217.61	3/05/2011	5/05/2011	211.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2019	630352.91	7543648.00	222.42	26/02/2011	26/02/2011	132.00	M						Y	Y	Y	Y	Y			Y	Y
R2020	629907.66	7543400.03	223.19	5/05/2011	7/05/2011	145.00	M															
R2021	629490.84	7543660.88	223.93	17/04/2011	17/04/2011	61.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2022	629923.28	7543910.53	222.45	17/04/2011	17/04/2011	85.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2023	630363.25	7544151.74	216.38	2/05/2011	3/05/2011	253.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2024	630370.63	7544651.54	212.00	16/04/2011	17/04/2011	151.00							Y	Y	Y	Y	Y		Y	Y	Y
R2025	629934.60	7544412.14	214.47	26/02/2011	26/02/2011	132.00	M						Y	Y	Y	Y	Y			Y	Y
R2026	629501.64	7544160.25	225.91	16/04/2011	16/04/2011	85.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2027	629063.48	7543918.52	223.72	15/04/2011	15/04/2011	108.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2028	629076.49	7544421.34	228.24	16/04/2011	16/04/2011	61.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2029	629498.51	7544651.80	222.18	12/04/2011	12/04/2011	168.00	M						Y	Y	Y	Y	Y			Y	Y
R2030	629942.72	7544909.72	212.60	27/02/2011	27/02/2011	108.00	M						Y	Y	Y	Y	Y			Y	Y
R2031	630365.48	7545163.76	207.11	15/04/2011	15/04/2011	144.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2032	630379.39	7545670.98	205.31	1/03/2011	2/03/2011	150.00	M						Y	Y	Y	Y	Y			Y	Y
R2033	629945.15	7545411.85	212.27	27/02/2011	1/03/2011	204.00	M						Y	Y	Y	Y	Y			Y	Y

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R2034	629501.54	7545149.67	220.72	13/04/2011	13/04/2011	78.00	M						Y	Y	Y	Y	Y			Y	Y
R2035	629078.35	7544924.02	223.54	14/04/2011	14/04/2011	54.00	M						Y	Y	Y	Y	Y			Y	Y
R2036	629091.79	7545424.57	216.63	14/04/2011	14/04/2011	126.00	M						Y	Y	Y	Y	Y			Y	Y
R2037	629521.39	7545669.02	217.05	27/02/2011	27/02/2011	84.00	M						Y	Y	Y	Y	Y			Y	Y
R2038	629957.90	7545913.49	210.81	2/03/2011	2/03/2011	108.00	M						Y	Y	Y	Y	Y			Y	Y
R2039	630393.19	7546155.24	203.62	2/03/2011	3/03/2011	186.00	M						Y	Y	Y	Y	Y			Y	Y
R2040	629962.73	7546412.58	205.71	3/03/2011	4/03/2011	127.00	M							Y	Y	Y	Y			Y	Y
R2041	629530.51	7546171.52	210.96	28/02/2011	28/02/2011	210.00	M						Y	Y	Y	Y	Y			Y	Y
R2042	629093.88	7545927.73	211.58	14/04/2011	14/04/2011	73.00	M							Y	Y	Y	Y			Y	Y
R2043	629101.71	7546427.80	206.51	12/04/2011	12/04/2011	60.00	M						Y	Y	Y	Y	Y			Y	Y
R2044	629536.81	7546671.36	204.48	4/03/2011	4/03/2011	109.00	M						Y	Y	Y	Y	Y			Y	Y
R2045	629969.88	7546919.67	200.07	5/03/2011	5/03/2011	240.00	M						Y	Y	Y	Y	Y			Y	Y
R2046	629995.63	7547397.55	196.70	6/03/2011	8/03/2011	252.00	M						Y	Y	Y	Y	Y			Y	Y
R2047	629567.24	7547167.19	198.36	6/03/2011	6/03/2011	120.00	M						Y	Y	Y	Y	Y			Y	Y
R2048	629108.36	7546930.01	200.82	9/03/2011	9/03/2011	72.00	M						Y	Y	Y	Y	Y			Y	Y
R2049	628678.25	7547185.98	203.60	9/03/2011	9/03/2011	66.00	M						Y	Y	Y	Y	Y			Y	Y
R2050	629120.10	7547435.27	201.03	9/02/2011	10/03/2011	168.00	M						Y	Y	Y	Y	Y			Y	Y
R2051	629509.13	7547671.44	200.07	10/04/2011	10/04/2011	156.00	M						Y	Y	Y	Y	Y			Y	Y

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R2052	629988.72	7547917.76	196.89	11/04/2011	11/04/2011	54.00	M						Y	Y	Y	Y	Y			Y	Y
R2053	629558.03	7548171.51	201.71	10/04/2011	11/04/2011	168.00	M						Y	Y	Y	Y	Y				
R2054	629123.81	7547926.93	203.59	28/03/2011	29/03/2011	138.00	M						Y	Y	Y	Y	Y			Y	Y
R2055	628686.12	7547683.81	207.45	9/04/2011	9/04/2011	96.00	M						Y	Y	Y	Y	Y			Y	Y
R2056	628251.96	7547443.16	209.55	20/06/2011	20/06/2011	138.00	M						Y	Y	Y	Y	Y			Y	Y
R2057	628260.62	7547942.71	213.46	9/06/2011	9/06/2011	138.00	M						Y	Y	Y	Y	Y			Y	Y
R2058	628671.12	7548202.63	209.86	8/06/2011	9/06/2011	126.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2059	629137.83	7548426.94	206.35	29/03/2011	29/03/2011	192.00								Y	Y	Y	Y			Y	Y
R2060	629559.08	7548661.57	202.75	11/04/2011	11/04/2011	144.00	M						Y	Y	Y	Y	Y			Y	Y
R2061	629029.84	7549058.83	204.64	7/06/2011	7/06/2011	180.00	M						Y	Y	Y	Y	Y				
R2062	628618.00	7548817.16	209.26	7/06/2011	8/06/2011	252.00	M						Y	Y	Y	Y	Y				
R2063	628159.39	7548542.76	212.44	23/06/2011	24/06/2011	138.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2064	627593.55	7548811.60	209.01	22/06/2011	23/06/2011	174.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2065	628022.38	7549104.27	206.41	22/06/2011	22/06/2011	192.00															
R2066	628600.12	7549509.84	204.03	21/06/2011	22/06/2011	252.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2067	629093.35	7549742.63	200.60	6/06/2011	6/06/2011	138.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2068	629466.54	7550116.04	203.42	4/06/2011	6/06/2011	132.00	M						Y	Y	Y	Y	Y			Y	Y
R2069	630700.85	7544267.06	213.31	7/06/2011	8/06/2011	148.00															

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R2070	627933.56	7548158.17	215.42	24/06/2011	24/06/2011	108.00	M						Y	Y	Y	Y	Y					
R2071	628179.91	7549434.33	202.64	24/06/2011	25/06/2011	210.00	M						Y	Y	Y	Y	Y					
R2072	632122.66	7542411.49	215.42	25/06/2011	26/06/2011	150.00	M						Y	Y	Y	Y	Y					
R2073	631230.16	7541924.34	216.36	26/06/2011	26/06/2011	90.00	M						Y	Y	Y	Y	Y					
R2074	629483.15	7549594.75	205.20	27/06/2011	27/06/2011	78.00	M						Y	Y	Y	Y	Y					
R2075	630392.28	7549128.84	199.55	27/06/2011	30/06/2011	174.00	M						Y	Y	Y	Y	Y		Y			
R2076	630140.07	7548384.62	198.54	30/06/2011	30/06/2011	114.00	M						Y	Y	Y	Y	Y		Y			
R2077	634158.31	7542365.54	214.18	30/06/2011	1/07/2011	138.00	M						Y	Y	Y	Y	Y		Y			
R2078	635219.42	7540909.39	203.35	1/07/2011	2/07/2011	216.00	M						Y	Y	Y	Y	Y					
R2079	636186.80	7539613.57	193.54	2/07/2011	3/07/2011	162.00	M						Y	Y	Y	Y	Y		Y			
R2080	636793.88	7541085.89	198.19	26/07/2011	28/07/2011	204.00	M						Y	Y	Y	Y	Y					
R2081	633675.51	7543355.90	218.41	28/07/2011	28/07/2011	144.00	M						Y	Y	Y	Y	Y					Y
R2082	634556.59	7541677.91	208.21	28/07/2011	29/07/2011	114.00	M						Y	Y	Y	Y	Y					
R2083	635963.82	7542669.68	205.36	28/07/2011	29/07/2011	168.00	M						Y	Y	Y	Y	Y					
R2084	628823.68	7547476.51	204.41	30/07/2011	30/07/2011	84.00	M						Y	Y	Y	Y	Y					
R2085	630786.57	7543404.73	224.19	17/08/2011	17/08/2011	210.00	M						Y									
R2086	629908.21	7543412.38	222.91	17/08/2011	18/08/2011	132.00	M						Y	Y	Y	Y	Y		Y	Y		Y
R2087	629563.08	7548186.80	201.71	19/08/2011	19/08/2011	168.00	M						Y	Y	Y	Y	Y					

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R2088	628021.14	7549088.20	206.47	20/08/2011	21/08/2011	192.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2089	629142.50	7548425.61	206.23	27/08/2011	28/08/2011	186.00							Y	Y	Y	Y	Y				
R2400	632497.00	7541255.70	207.23	24/10/2011	24/10/2011	109.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2401	634644.66	7540749.01	204.05	12/10/2011	12/10/2011	102.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2402	635241.65	7539378.31	195.34	12/10/2011	13/10/2011	126.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2403	636810.82	7540263.89	196.90	13/10/2011	14/10/2011	192.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2404	637666.59	7541783.46	196.52	14/10/2011	14/10/2011	150.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2405	637644.36	7542826.14	197.59	16/10/2011	16/10/2011	127.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2406	637860.99	7543378.00	196.27	16/10/2011	17/10/2011	217.00	M						Y	Y	Y	Y	Y			Y	Y
R2407	637008.85	7543718.85	196.32	24/10/2011	25/10/2011	216.00	M						Y	Y	Y	Y	Y			Y	Y
R2409	636295.99	7546032.96	195.47	18/10/2011	18/10/2011	181.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2410	634721.51	7546489.08	198.86	18/10/2011	20/10/2011	109.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2411	634754.75	7547954.96	188.68	20/10/2011	21/10/2011	127.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2412	633762.42	7548830.54	187.73	21/10/2011	21/10/2011	169.00	M														
R2413	632569.39	7549943.71	192.27	23/10/2011	23/10/2011	133.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2414	631560.96	7550461.76	205.44	22/10/2011	23/10/2011	217.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2415	630913.47	7550100.60	202.88	22/10/2011	22/10/2011	73.00	M						Y	Y	Y	Y	Y		Y	Y	Y
R2417	638204.04	7542220.31	196.45	25/10/2011	26/10/2011	121.00	M						Y	Y	Y	Y	Y				

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R2418	638319.40	7541334.57	192.55	26/10/2011	26/10/2011	139.00	M						Y	Y	Y	Y	Y				
WCHS0001	627710.03	7548995.42	208.69	20/06/2013	26/07/2013	820.29			Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	
WCHS0002	629204.68	7545609.26	216.27	26/07/2013	23/08/2013	707.90			Y	Y	Y	Y		Y	Y	Y	Y			Y	
WCHS0003	633492.19	7545068.23	214.49	4/08/2013	4/09/2013	753.97			Y	Y			Y	Y	Y	Y	Y			Y	
WCHS0004	630457.58	7543665.45	224.41	23/08/2013	25/10/2013	688.49			Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	
WCHS0005	634853.07	7542111.98	210.96	29/08/2013	23/09/2013	787.40							Y	Y	Y	Y	Y			Y	
WCHS0006	628355.81	7547612.98	209.05	5/10/2013	24/10/2013	646.41			Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	
WCHS0007	628744.58	7545275.76	216.42	8/07/2014	29/07/2014	600.21			Y	Y	Y	Y		Y	Y	Y	Y				Y
WCHS0008	628042.78	7544894.62	220.85	2/08/2014	18/08/2014	570.99			Y	Y	Y	Y	Y	Y	Y	Y	Y				Y
WCHS0009	634841.57	7543650.21	216.23	1/08/2014	6/08/2014	74.64		YES	Y	Y	Y	Y	Y	Y	Y	Y	Y				Y
WCHS0010	631984.01	7546743.72	204.03	8/08/2014	13/08/2014	130.20		YES	Y	Y	Y	Y	Y	Y	Y	Y	Y				Y
WCHS0011	629575.00	7547000.00	202.00	15/08/2014	18/08/2014	46.50		YES													
WCHS0012	629577.60	7546999.31	202.73	19/08/2014	23/08/2014	82.97		YES	Y	Y	Y	Y	Y	Y	Y	Y	Y				Y
WCHS0013	627947.78	7546338.57	213.93	21/08/2014	3/09/2014	558.27			Y	Y	Y	Y	Y	Y	Y	Y	Y				Y
WCHS0014	630466.73	7549006.60	199.54	24/08/2014	26/08/2014	83.67		YES	Y	Y	Y	Y	Y	Y	Y	Y	Y				Y

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WCHS0015	627513.01	7547440.30	214.83	28/08/2014	13/09/2014	560.59			Y	Y	Y	Y	Y	Y	Y	Y	Y				Y
WCHS0016	629347.20	7544146.19	226.50	5/09/2014	20/10/2014	640.06			Y	Y	Y	Y	Y	Y	Y	Y	Y				Y
WCHS0017	629179.21	7542987.59	212.68	17/09/2014	2/10/2014	572.12			Y	Y	Y	Y	Y	Y	Y	Y	Y				Y
WCHS0018	632121.37	7541241.96	210.05	28/09/2014	14/10/2014	660.46			Y	Y	Y	Y	Y	Y	Y	Y	Y				
WSB900	630024.69	7548168.72	197.88	20/11/1981	27/11/1981	32.00	M														
WSB901	630691.23	7547112.49	197.46	28/11/1981	9/12/1981	32.00	M														
WSB940	633022.01	7547842.59	195.95	10/12/1981	17/12/1981	30.00	M														
WSB976	630687.73	7547103.57	197.46	18/12/1981	22/12/1981	17.00															
WSB977	630681.00	7547105.00	197.46	11/02/1982	14/02/1982	17.80															
WSB978	630703.34	7547117.73	197.48	14/02/1982	16/02/1982	32.70															
WSB979	630693.50	7547113.30	197.40	17/02/1982	19/03/1982	31.70															
WSB980	633340.00	7547850.00	196.00	25/02/1982	15/03/1982	33.50															
WSC101	632803.20	7546000.12	206.96	20/06/1981	21/06/1981	158.00	M	YES	Y												
WSC102	633508.32	7545254.42	213.63	21/06/1981	22/06/1981	104.70	M	YES	Y												
WSC104	634777.44	7545360.39	203.12	22/06/1981	22/06/1981	48.80	M	YES	Y												

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WSC105	633505.65	7544670.45	213.20	21/06/1981	21/06/1981	98.81	M	YES	Y												
WSC107	631419.10	7545230.97	212.59	23/06/1981	24/06/1981	88.55	M	YES	Y												
WSC108	632116.76	7543886.30	218.78	24/06/1981	24/06/1981	42.00	M	YES	Y												
WSC109	632140.14	7545061.80	214.81	26/06/1981	27/06/1981	95.00	M	YES	Y				Y								
WSC110	632576.24	7545287.56	212.08	1/07/1981	2/07/1981	136.98	M		Y				Y								
WSC112	631426.83	7545233.29	212.61	28/06/1981	29/06/1981	63.17	M	YES	Y												
WSC1120	629454.31	7546859.53	202.15	25/07/2005	26/07/2005	60.22	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y				
WSC1121	629657.06	7550510.21	200.03	26/07/2005	30/07/2005	78.38	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y				
WSC1122	631673.75	7548238.83	191.50	30/07/2005	31/07/2005	84.30	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y				
WSC1123	629203.31	7546758.83	203.44	31/07/2005	31/07/2005	63.26	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y				
WSC1124	633468.40	7545805.97	206.79	1/08/2005	1/08/2005	38.87	M														
WSC1125	630434.26	7548833.75	198.55	2/08/2005	3/08/2005	84.20	M	YES	Y	Y	Y	Y		Y	Y	Y	Y				
WSC1126	630825.59	7547177.96	197.02	3/08/2005	4/08/2005	70.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y				
WSC1127	630428.17	7548833.89	198.62	4/08/2005	15/08/2005	82.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y				
WSC1128	632821.77	7543724.41	220.92	16/08/2005	17/08/2005	85.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y				

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WSC1129	634773.98	7543458.53	216.02	18/08/2005	19/08/2005	79.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y				
WSC113	634613.49	7544722.49	208.79	27/06/1981	27/06/1981	43.20	M	YES	Y												
WSC1130	633712.44	7545352.07	211.92	19/08/2005	20/08/2005	59.04	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y				
WSC1131	633702.55	7545349.97	212.01	20/08/2005	21/08/2005	76.00	M	YES	Y	Y	Y	Y	Y	Y	Y	Y	Y				
WSC114	633949.98	7545503.29	209.57	2/07/1981	2/07/1981	29.00	M	YES	Y												
WSC116	633007.34	7545531.27	209.75	1/07/1981	2/07/1981	171.20	M	YES	Y												
WSC117	634173.77	7544474.97	211.46	8/07/1981	8/07/1981	96.10	M	YES	Y												
WSC118	633301.49	7543991.61	218.81	1/07/1981	2/07/1981	124.77	M	YES	Y	Y	Y										
WSC119	628966.86	7551300.91	196.11	13/07/1981	13/07/1981	62.32	M	YES	Y												
WSC120	632676.15	7543067.08	214.22	4/07/1981	4/07/1981	46.91	M	YES	Y												
WSC121	634069.06	7542127.76	212.22	11/07/1981	11/07/1981	61.30	M	YES	Y												
WSC122	633787.95	7543118.22	216.36	2/07/1981	3/07/1981	86.80	M	YES	Y												
WSC123	629198.55	7551432.26	195.57	13/07/1981	28/07/1981	55.00	M	YES	Y												
WSC124	630363.40	7549790.57	203.76	15/08/1981	15/08/1981	35.53	M														
WSC125	635338.98	7543412.78	212.68	3/07/1981	4/07/1981	112.64	M	YES	Y	Y	Y										

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WSC126	633978.91	7543793.18	216.29	7/07/1981	8/07/1981	102.50	M	YES	Y												
WSC127	634905.63	7543163.21	213.43	8/07/1981	10/07/1981	97.00	M	YES	Y												
WSC128	633106.66	7544450.48	218.15	5/07/1981	6/07/1981	135.45	M	YES	Y												
WSC129	635094.77	7543851.26	212.09	7/07/1981	8/07/1981	82.62			Y												
WSC130	634224.10	7543364.76	217.16	8/07/1981	8/07/1981	86.30	M	YES	Y												
WSC217	636947.92	7542589.93	199.89	7/07/1981	8/07/1981	106.00	M														
WSC231	633544.72	7543557.84	219.61	9/07/1981	9/07/1981	108.88	M														
WSC232	632859.62	7543737.69	220.94	9/07/1981	10/07/1981	89.93	M	YES	Y												
WSC233	633578.72	7542429.65	214.47	10/07/1981	10/07/1981	51.40	M	YES	Y												
WSC234	634037.75	7542684.50	215.52	10/07/1981	11/07/1981	80.62	M	YES	Y												
WSC235	634471.11	7542927.23	211.71	11/07/1981	11/07/1981	85.70	M	YES	Y												
WSC236	636011.94	7543207.91	205.09	13/07/1981	13/07/1981	110.57	M	YES	Y												
WSC237	634947.84	7542611.12	207.62	12/07/1981	13/07/1981	117.07	M	YES	Y												
WSC238	634855.39	7544289.44	210.36	14/07/1981	14/07/1981	78.50	M	YES	Y												
WSC239	635447.14	7541174.74	205.18	14/07/1981	15/07/1981	130.60	M	YES	Y												

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WSC240	634767.57	7541373.44	207.62	15/07/1981	15/07/1981	90.94	M	YES	Y	Y	Y										
WSC261	634516.96	7541804.10	209.33	15/07/1981	16/07/1981	74.50	M	YES	Y												
WSC262	635203.76	7541620.79	206.63	17/07/1981	17/07/1981	148.10	M	YES	Y												
WSC263	635880.36	7541427.99	203.66	11/07/1981	11/07/1981	146.00	M	YES	Y												
WSC264	636952.49	7542584.44	199.87	21/07/1981	24/07/1981	107.86	M	YES	Y												
WSC265	637188.57	7542151.80	198.70	29/07/1981	30/07/1981	91.43	M	YES	Y												
WSC266	636324.19	7541670.49	200.32	1/08/1981	3/08/1981	137.86	M	YES	Y												
WSC267	635463.22	7540616.57	200.91	2/08/1981	2/08/1981	93.80	M	YES	Y												
WSC268	635903.66	7540864.59	202.18	31/07/1981	1/08/1981	119.00			Y												
WSC269	636340.34	7541107.56	200.13	5/07/1981	6/07/1981	130.00	M	YES	Y												
WSC270	635492.95	7540073.77	196.52	6/08/1981	6/08/1981	76.00	M	YES	Y												
WSC271	636362.55	7540553.02	198.54	8/08/1981	9/08/1981	122.00	M	YES	Y	Y	Y										
WSC272	635927.79	7540308.65	198.58	5/08/1981	6/08/1981	109.00	M	YES	Y												
WSC273	636774.17	7541346.48	198.07	7/08/1981	11/08/1981	169.45			Y												
WSC274	636771.78	7541344.07	198.07	13/08/1981	14/08/1981	173.21	M	YES	Y												

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSC275	634963.45	7542053.65	208.19	22/08/1981	22/08/1981	126.00	M	YES	Y												
WSC276	637225.36	7541602.32	196.73	16/08/1981	17/08/1981	101.78	M	YES	Y												
WSC277	637255.60	7541043.89	196.35	17/08/1981	17/08/1981	77.82	M	YES	Y												
WSC278	635449.23	7541171.28	205.25	18/08/1981	18/08/1981	131.02	M	YES	Y												
WSC279	635878.50	7541416.77	203.71	23/08/1981	23/08/1981	89.88	M	YES	Y												
WSC280	633360.69	7542879.96	217.31	19/08/1981	19/08/1981	63.04	M	YES	Y												
WSC301	629631.17	7551100.09	195.89	7/08/1981	9/08/1981	67.50	M	YES	Y												
WSC302	629182.73	7550852.11	196.58	9/08/1981	12/08/1981	51.17	M	YES	Y												
WSC303	629637.14	7550533.03	199.76	12/08/1981	15/08/1981	71.13	M	YES	Y	Y	Y										
WSC304	630367.16	7549791.56	203.78	16/08/1981	17/08/1981	77.51															
WSC305	630357.13	7549783.99	203.66	18/08/1981	19/08/1981	83.20	M	YES	Y												
WSC306	629787.02	7550040.95	204.56	19/08/1981	20/08/1981	78.18	M	YES	Y												
WSC307	629957.55	7548421.23	199.71	27/08/1981	28/08/1981	64.84	M	YES	Y												
WSC308	630143.45	7549093.97	202.90	29/08/1981	29/08/1981	78.00	M	YES	Y												
WSC309	630587.66	7549342.19	198.76	30/08/1981	30/08/1981	90.00	M	YES	Y	Y	Y										

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSC310	630841.11	7548908.61	195.02	30/08/1981	30/08/1981	102.00	M	YES	Y												
WSC341	634415.20	7544034.67	214.44	19/08/1981	20/08/1981	89.80	M	YES	Y												
WSC342	633907.86	7546059.00	207.58	20/08/1981	20/08/1981	53.91	M		Y												
WSC344	631696.44	7544807.46	217.24	21/08/1981	21/08/1981	73.90			Y												
WSC345	630967.70	7546122.85	203.02	22/08/1981	22/08/1981	71.89	M	YES	Y												
WSC346	632641.59	7548201.13	190.95	22/08/1981	22/08/1981	74.40	M	YES	Y												
WSC347	631949.06	7548386.32	190.53	23/08/1981	23/08/1981	71.20	M	YES	Y												
WSC348	631782.68	7547719.53	194.85	23/08/1981	23/08/1981	122.50	M	YES	Y												
WSC349	630014.48	7546735.89	202.20	24/08/1981	24/08/1981	91.00	M	YES	Y												
WSC350	629584.15	7546500.56	206.28	24/08/1981	24/08/1981	102.00	M	YES	Y												
WSC356	629379.39	7546954.14	200.97	24/08/1981	24/08/1981	35.81	M	YES	Y												
WSC357	630677.46	7547677.04	194.21	26/08/1981	26/08/1981	86.86	M	YES	Y												
WSC358	632389.44	7548631.92	188.73	26/08/1981	26/08/1981	80.83	M	YES	Y												
WSC359	630068.83	7547342.47	196.48	27/08/1981	27/08/1981	101.91	M	YES	Y												
WSC375	629801.28	7547185.59	197.64	31/08/1981	31/08/1981	133.00	M	YES	Y												

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSC376	629628.39	7551106.27	196.04	10/09/1981	10/09/1981	67.50	M		Y												
WSC377	628474.87	7551594.16	196.04	1/09/1981	1/09/1981	33.00	M	YES	Y												
WSC378	631218.59	7544539.56	215.94	2/09/1981	3/09/1981	36.00	M	YES	Y												
WSC379	631993.33	7547267.83	198.76	16/09/1981	16/09/1981	137.81	M	YES	Y												
WSC380	632942.33	7546652.23	202.51	16/09/1981	16/09/1981	127.80	M	YES	Y												
WSC475	636799.00	7540801.44	197.91	20/09/1981	20/09/1981	140.52	M	YES	Y												
WSC476	636503.25	7542345.18	202.57	21/09/1981	22/09/1981	178.85	M	YES	Y												
WSC477	636073.15	7542102.79	202.65	22/09/1981	23/09/1981	163.05	M	YES	Y												
WSC478	636278.62	7542764.56	203.62	23/09/1981	24/09/1981	172.86	M	YES	Y												
WSC479	635828.76	7542527.43	205.18	24/09/1981	25/09/1981	169.86	M	YES	Y												
WSC480	635397.99	7542286.18	205.70	25/09/1981	26/09/1981	165.92	M	YES	Y												
WSC481	635371.07	7542845.44	208.90	26/09/1981	27/09/1981	155.84	M	YES	Y												
WSC491	636007.29	7543206.62	204.95	27/09/1981	28/09/1981	169.84	M	YES	Y												
WSC492	629511.48	7547596.59	199.39	28/09/1981	29/09/1981	138.92	M	YES	Y												
WSC493	635693.90	7544755.22	201.14	29/09/1981	30/09/1981	92.00	M	YES	Y												

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
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WSC494	637219.79	7541599.71	196.96	30/09/1981	30/09/1981	59.80	M	YES	Y												
WSC51	630424.03	7548117.76	194.67	7/06/1981	7/06/1981	90.00	M	YES	Y	Y	Y										
WSC52	630876.82	7548357.83	192.61	7/06/1981	8/06/1981	84.00	M	YES	Y												
WSC53	631351.25	7548626.43	191.25	8/06/1981	8/06/1981	84.45	M	YES	Y												
WSC54	631775.85	7548865.08	190.35	9/06/1981	9/06/1981	54.00	M	YES	Y												
WSC55	630403.83	7548666.42	198.06	9/06/1981	10/06/1981	84.00	M	YES	Y												
WSC57	631097.45	7547910.15	193.45	13/06/1981	13/06/1981	74.45	M	YES	Y												
WSC58	631504.71	7548144.65	192.12	11/06/1981	11/06/1981	107.85	M	YES	Y												
WSC59	631251.07	7549144.55	192.99	10/06/1981	10/06/1981	30.45	M	YES	Y												
WSC60	631366.88	7547491.05	196.45	12/06/1981	12/06/1981	104.00	M	YES	Y	Y	Y										
WSC61	630702.45	7546546.41	200.17	12/06/1981	12/06/1981	54.00	M	YES	Y												
WSC62	631169.49	7546804.48	199.69	13/06/1981	13/06/1981	79.50	M	YES	Y												
WSC63	631628.14	7547060.81	199.46	13/06/1981	14/06/1981	99.47	M	YES	Y												
WSC64	632469.19	7547531.68	195.40	14/06/1981	14/06/1981	141.80	M	YES	Y												
WSC65	631841.31	7546608.76	203.46	15/06/1981	16/06/1981	125.96	M	YES	Y												
WSC66	632277.57	7546852.31	202.69	15/06/1981	16/06/1981	105.05	M	YES	Y												
WSC67	632088.83	7546179.02	207.74	16/06/1981	17/06/1981	105.00	M	YES	Y												
WSC68	632566.41	7546442.85	201.81	17/06/1981	18/06/1981	143.89	M	YES	Y	Y	Y										

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
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WSC69	632731.61	7547108.20	197.76	18/06/1981	19/06/1981	150.60	M	YES	Y												
WSC70	632343.11	7545749.95	209.04	19/06/1981	19/06/1981	125.00	M	YES	Y												
WSC71	631388.92	7546361.42	203.74	13/06/1981	14/06/1981	78.33	M	YES	Y												
WSC72	632967.37	7547813.19	195.22	14/06/1981	14/06/1981	45.17	M	YES	Y												
WSC73	631995.90	7547269.04	198.65	15/06/1981	15/06/1981	93.19	M	YES	Y												
WSC74	630900.10	7547238.59	196.81	16/06/1981	17/06/1981	84.00	M	YES	Y												
WSC740	630691.23	7547112.49	197.46	18/11/1981	18/11/1981	38.00	M	YES	Y												
WSC75	631901.41	7544355.39	221.34	16/06/1981	18/06/1981	53.08	M	YES	Y	Y	Y										
WSC76	633538.20	7543547.01	219.55	8/07/1981	9/07/1981	91.13			Y												
WSC77	628472.05	7551594.23	196.02	9/07/1981	10/07/1981	56.80	M	YES	Y												
WSC78	628754.89	7551755.51	196.52	11/07/1981	11/07/1981	59.10	M	YES	Y	Y	Y										
WSC79	628509.08	7551041.74	196.44	11/07/1981	12/07/1981	53.51	M	YES	Y												
WSC80	628711.86	7551157.79	196.25	12/07/1981	12/07/1981	64.92	M	YES	Y												
WSC908	633022.82	7547841.42	195.94	7/12/1981	7/12/1981	36.00	M	YES	Y		Y										
WSC993	628985.12	7550738.39	196.95	18/02/1982	18/02/1982	40.00	M	YES	Y					Y	Y			Y			
WSC994	633529.90	7545846.60	206.05	18/02/1982	18/02/1982	40.00	M	YES	Y					Y	Y			Y			
WSC997	630722.78	7547127.20	197.37	19/02/1981	19/02/1981	46.00	M	YES	Y					Y	Y			Y			

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WSC998	632997.33	7547830.45	195.64	19/02/1982	20/02/1982	40.00	M	YES	Y					Y	Y			Y			
WSD407	632584.39	7547871.86	193.06	20/09/1981	20/09/1981	95.89															
WSD423	630319.38	7547428.38	196.23	20/09/1981	20/09/1981	108.00															
WSD432	630959.38	7548133.31	192.75	20/09/1981	20/09/1981	78.00															
WSD442	630301.92	7547768.20	194.60	20/09/1981	20/09/1981	114.00															
WSD443	630084.37	7547647.10	195.85	20/09/1981	20/09/1981	90.00															
WSG151	632334.80	7544024.60	221.80	30/06/1981	30/06/1981	63.08	M														
WSG152	631150.90	7546788.30	199.60	29/06/1981	29/06/1981	81.01	M														
WSG153	633913.50	7544881.80	209.80	5/07/1981	5/07/1981	90.20	M														
WSG154	629405.58	7550972.19	196.06	6/07/1981	9/07/1981	65.92	M	YES	Y												
WSG155	630852.40	7548371.70	192.70	11/07/1981	11/07/1981	90.06	M														
WSG156	632688.30	7547650.00	194.30	17/07/1981	17/07/1981	89.26															
WSG157	632771.80	7546047.00	206.40	28/07/1981	28/07/1981	178.44	M														
WSG158	634647.50	7543646.20	217.10	5/08/1981	5/08/1981	92.40	M														
WSG159	635878.80	7540843.20	202.30	9/08/1981	9/08/1981	142.59	M														

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WSG160	634731.70	7541926.60	209.80	19/08/1981	19/08/1981	99.03	M														
WSG161	630352.50	7549776.50	203.70	25/08/1981	25/08/1981	90.21	M														
WSG162	629397.39	7550966.98	196.12	24/08/1981	26/08/1981	65.70	M	YES	Y												
WSG163	632333.52	7544027.46	221.80	28/08/1981	28/08/1981	66.12	M	YES	Y												
WSG164	635908.97	7540858.82	202.42	25/08/1981	27/08/1981	122.62	M	YES	Y												
WSG165	634642.96	7543646.19	217.12	27/08/1981	27/08/1981	80.06	M	YES	Y												
WSG370	633915.57	7544878.35	209.89	28/08/1981	29/08/1981	90.00	M	YES	Y												
WSG371	630868.04	7548358.99	192.61	29/08/1981	30/08/1981	81.00	M	YES	Y												
WSG372	632685.05	7547656.63	194.49	30/08/1981	30/08/1981	91.00	M	YES	Y												
WSG381	630469.47	7549565.20	201.08	5/09/1981	5/09/1981	84.00	M														
WSG382	631078.01	7548474.52	191.78	5/09/1981	5/09/1981	96.00	M														
WSG383	631760.70	7548281.58	191.25	5/09/1981	5/09/1981	78.00	M														
WSG384	630861.15	7547783.35	194.13	5/09/1981	5/09/1981	96.00	M														
WSG385	631373.77	7546919.54	199.87	5/09/1981	5/09/1981	84.00	M														
WSG386	632245.66	7547408.26	197.13	6/09/1981	6/09/1981	126.00	M														

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WSG387	632929.48	7547217.37	198.77	6/09/1981	6/09/1981	48.00	M														
WSG388	632043.78	7546725.77	204.26	6/09/1981	6/09/1981	126.00	M														
WSG389	631685.91	7545375.53	209.51	6/09/1981	6/09/1981	101.20	M														
WSG390	632113.69	7545618.97	210.91	6/09/1981	6/09/1981	108.00	M														
WSG391	633047.25	7546137.01	206.35	7/09/1981	7/09/1981	132.00	M														
WSG392	632616.83	7544169.37	223.81	7/09/1981	7/09/1981	108.00	M														
WSG393	633719.72	7544782.19	211.67	7/09/1981	7/09/1981	102.00	M														
WSG395	634438.19	7543487.94	217.06	8/09/1981	8/09/1981	102.00	M														
WSG396	635315.36	7543968.57	209.44	8/09/1981	8/09/1981	114.00	M														
WSG397	635175.89	7542173.75	205.99	8/09/1981	8/09/1981	150.00	M														
WSG398	636711.16	7542471.02	199.92	8/09/1981	8/09/1981	102.00	M														
WSG399	635677.15	7540741.15	202.90	9/09/1981	9/09/1981	108.00	M														
WSG400	636955.83	7541458.19	197.80	9/09/1981	9/09/1981	138.00	M														
WSG471	630024.69	7548168.72	197.88	18/09/1981	19/09/1981	38.78	M	YES	Y	Y	Y										
WSG472	630042.72	7548179.75	197.76	19/09/1981	19/09/1981	37.55	M	YES	Y												

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WSG473	630006.21	7548159.07	197.75	19/09/1981	19/09/1981	32.00	M	YES	Y		Y										
WSG474	629988.23	7548149.01	197.78	20/09/1981	20/09/1981	28.50	M		Y												
WSL224	630406.19	7548664.89	198.02	6/07/1981	9/07/1981	75.80	M	YES	Y	Y	Y										
WSL225	630407.74	7548663.02	198.02	10/07/1981	11/07/1981	70.94			Y												
WSL226	632272.48	7546860.87	202.75	13/07/1981	13/07/1981	68.10	M														
WSL227	632282.69	7546847.58	202.80	13/07/1981	17/07/1981	101.03	M	YES	Y	Y	Y										
WSL228	633511.44	7544660.70	212.94	17/07/1981	30/07/1981	93.64	M		Y												
WSL229	633502.05	7544668.26	213.24	30/07/1981	1/08/1981	92.32	M	YES	Y												
WSL230	633507.04	7544666.09	213.18	1/08/1981	2/08/1981	87.12			Y												
WSL311	634071.31	7542124.66	212.17	3/08/1981	4/08/1981	30.88	M														
WSL312	634072.61	7542137.01	212.28	4/08/1981	5/08/1981	55.27	M	YES	Y												
WSL313	634068.41	7542142.10	212.33	9/08/1981	11/08/1981	50.59	M		Y												
WSL314	635091.97	7543854.60	212.94	12/08/1981	14/08/1981	82.58	M	YES	Y												
WSL315	632270.64	7546844.05	202.90	14/08/1981	16/08/1981	66.31															
WSL316	629625.94	7551096.85	195.93	27/08/1981	27/08/1981	24.33	M		Y												
WSL317	632269.86	7546855.76	202.91	27/08/1981	30/08/1981	92.36	M		Y	Y	Y										
WSL318	635089.62	7543852.93	213.02	13/10/1981	15/10/1981	78.15	M	YES	Y												

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
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WSL319	629629.32	7551096.56	195.95	15/10/1981	16/10/1981	66.17	M	YES	Y												
WSL320	629628.31	7551103.45	195.95	17/10/1981	17/10/1981	56.77	M														
WSL641	630009.91	7548159.32	197.83	18/10/1981	18/10/1981	31.17	M		Y												
WSN1	630426.18	7548116.77	194.60	1/06/1981	1/06/1981	102.00	M														
WSN10	631365.91	7547486.90	196.51	4/06/1981	4/06/1981	102.00	M														
WSN100	636366.27	7540555.26	198.59	23/06/1981	25/06/1981	127.15	M														
WSN1000	631370.30	7542336.92	220.16	20/04/1982	20/04/1982	105.00															
WSN1001	630927.84	7542082.99	216.20	21/04/1982	21/04/1982	70.00															
WSN1002	629931.12	7543826.30	223.85	21/04/1982	21/04/1982	75.00															
WSN1003	630375.23	7544075.06	216.85	21/04/1982	21/04/1982	118.00															
WSN1004	630812.39	7544314.43	213.69	22/04/1982	22/04/1982	136.00															
WSN1005	630336.63	7545193.34	207.13	22/04/1982	22/04/1982	130.00															
WSN1006	629886.09	7544945.05	213.39	23/04/1982	23/04/1982	90.00															
WSN1007	629401.79	7545814.56	216.06	23/04/1982	23/04/1982	76.00															
WSN1008	630271.63	7546299.12	204.32	25/04/1982	25/04/1982	136.00															
WSN1009	629836.94	7546058.74	210.92	26/04/1982	26/04/1982	96.00															

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN1010	628925.94	7546699.77	202.70	26/04/1982	26/04/1982	116.00															
WSN1011	629743.97	7548297.87	199.87	26/04/1982	27/04/1982	66.00	M														
WSN1012	629312.46	7548064.16	204.05	27/04/1982	27/04/1984	106.00	M														
WSN1013	628873.42	7547812.04	205.96	27/04/1982	27/04/1982	111.00	M														
WSN1014	628438.90	7547567.46	210.08	27/04/1982	27/04/1982	66.00	M														
WSN1015	629524.66	7548173.93	202.21	28/04/1982	28/04/1982	71.00															
WSN1016	628819.25	7548932.07	207.22	28/04/1982	28/04/1982	152.00	M														
WSN1017	628376.91	7548684.64	210.61	28/04/1982	28/04/1982	134.00	M														
WSN1018	627939.53	7548435.26	213.84	1/05/1982	1/05/1982	122.00	M														
WSN1019	627498.39	7548198.41	216.46	1/05/1982	1/05/1982	51.00	M														
WSN1020	629263.10	7549172.66	204.73	1/05/1982	1/05/1982	61.00	M														
WSN1021	627846.81	7550681.20	197.18	1/05/1982	2/05/1982	210.00	M														
WSN1022	627406.96	7550434.12	197.81	2/05/1982	3/05/1982	174.00	M														
WSN1023	627788.56	7551789.50	197.26	3/05/1982	3/05/1982	106.00															
WSN1024	627305.40	7552665.74	199.16	4/05/1982	4/05/1982	80.00															

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN1025	632284.67	7541703.80	211.64	5/05/1982	5/05/1982	61.00	M														
WSN1026	632342.75	7540594.83	210.25	5/05/1982	5/05/1982	71.00	M														
WSN1027	632721.52	7541950.39	209.41	6/05/1982	6/05/1982	106.00	M														
WSN1028	633155.28	7542193.06	209.80	6/05/1982	6/05/1982	81.00	M														
WSN1029	633202.52	7541074.74	203.16	6/05/1982	6/05/1982	51.00	M														
WSN1030	633645.57	7541322.52	205.66	6/05/1982	6/05/1982	81.00	M														
WSN1031	634087.96	7541566.46	207.71	6/05/1982	6/05/1982	71.00	M														
WSN1032	632774.20	7540832.30	205.38	6/05/1982	6/05/1982	41.00	M														
WSN11	632447.50	7548093.78	191.56	4/06/1981	4/06/1981	84.00	M														
WSN1100	629446.51	7546859.60	202.21	21/07/2005	21/07/2005	60.00	M						Y	Y	Y	Y	Y				Y
WSN1101	629199.23	7546761.94	203.43	23/07/2005	23/07/2005	66.00	M						Y	Y	Y	Y	Y				Y
WSN1102	629654.76	7550515.36	199.88	23/07/2005	23/07/2005	54.00	M						Y	Y	Y	Y	Y				Y
WSN1103	629653.04	7550517.51	199.93	23/07/2005	23/07/2005	90.00	M						Y	Y	Y	Y	Y				Y
WSN1104	630432.31	7548839.43	198.68	23/07/2005	23/07/2005	84.00	M						Y	Y	Y	Y	Y				Y
WSN1105	631674.26	7548242.86	191.47	24/07/2005	24/07/2005	84.00							Y	Y	Y	Y	Y				Y

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS								
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN11 06	630816.62	7547175.58	197.00	24/07/2005	24/07/2005	78.00	M						Y	Y	Y	Y	Y					Y
WSN11 07	633473.11	7545809.80	206.68	24/07/2005	24/07/2005	78.00	M							Y	Y	Y	Y					
WSN11 08	632839.43	7543701.63	220.63	24/07/2005	25/07/2005	90.00	M						Y	Y	Y	Y	Y					Y
WSN11 09	634780.18	7543462.89	216.04	17/08/2005	17/08/2005	84.00	M							Y	Y	Y	Y					Y
WSN11 10	633710.50	7545359.63	211.83	19/08/2005	19/08/2005	78.00	M							Y	Y	Y	Y					Y
WSN12	630700.60	7546544.88	200.17	5/06/1981	5/06/1981	78.00	M															
WSN13	631169.04	7546807.10	199.68	5/06/1981	5/06/1981	84.00	M															
WSN13 1	627498.01	7553340.99	197.69	23/06/1981	23/06/1981	95.80	M															
WSN13 2	627741.39	7552899.14	197.53	23/06/1981	23/06/1981	47.85																
WSN13 3	627979.42	7552468.60	197.63	23/06/1981	24/06/1981	60.10																
WSN13 4	628224.61	7552035.75	196.63	24/06/1981	24/06/1981	78.10																
WSN13 5	628474.62	7551600.71	195.78	24/06/1981	24/06/1981	119.90	M															
WSN13 6	628710.93	7551160.58	196.17	24/06/1981	24/06/1981	108.10	M															
WSN13 7	629627.41	7551101.22	195.92	25/06/1981	25/06/1981	72.10	M															
WSN13 8	629393.39	7550970.11	196.10	25/06/1981	25/06/1981	60.10	M															

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN139	629180.69	7550851.87	196.54	25/06/1981	25/06/1981	54.05	M														
WSN14	631622.70	7547060.38	199.44	4/06/1981	5/06/1981	138.00															
WSN140	628962.57	7550732.63	196.93	25/06/1981	25/06/1981	90.10	M														
WSN141	636802.10	7540801.78	198.01	25/06/1981	26/06/1981	142.25	M														
WSN142	637243.22	7541039.51	196.59	26/06/1981	26/06/1981	161.88	M														
WSN143	637675.83	7541286.03	194.90	27/06/1981	28/06/1981	142.65	M														
WSN144	636776.35	7541348.34	197.92	28/06/1981	29/06/1981	183.05	M														
WSN145	636341.34	7541110.84	200.22	29/06/1981	30/06/1981	139.00	M														
WSN146	635904.58	7540867.84	202.25	30/06/1981	1/07/1981	119.68															
WSN147	635882.26	7541422.14	203.68	1/07/1981	2/07/1981	147.54	M														
WSN148	635639.73	7541859.58	204.28	2/07/1981	2/07/1981	183.00															
WSN149	635467.83	7540621.01	200.80	3/07/1981	3/07/1981	96.12	M														
WSN15	631990.25	7547265.21	198.62	5/06/1981	5/06/1981	142.04	M														
WSN150	635443.16	7541175.86	205.18	3/07/1981	4/07/1981	128.92	M														
WSN16	632467.04	7547533.16	195.40	4/06/1981	4/06/1981	142.17	M														
WSN166	629192.63	7551429.14	195.55	25/06/1981	25/06/1981	60.10	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN167	628963.11	7551301.40	195.98	25/06/1981	25/06/1981	66.20	M														
WSN168	628751.63	7551757.20	196.46	26/06/1981	26/06/1981	60.10	M														
WSN169	628331.03	7551511.49	196.39	26/06/1981	26/06/1981	90.10	M														
WSN17	632971.08	7547815.26	195.25	4/06/1981	4/06/1981	60.00	M														
WSN170	628470.05	7552171.40	197.11	26/06/1981	26/06/1981	54.10	M														
WSN171	628173.23	7552574.44	196.75	26/06/1981	26/06/1981	60.10	M														
WSN172	627935.73	7553016.50	196.64	26/06/1981	27/06/1981	53.90	M														
WSN173	628506.32	7551038.18	196.34	27/06/1981	27/06/1981	54.10	M														
WSN174	628612.29	7550522.38	196.73	27/06/1981	27/06/1981	54.10	M														
WSN175	628835.08	7550655.01	196.76	27/06/1981	27/06/1981	78.05	M														
WSN176	629219.16	7552014.69	195.24	27/06/1981	27/06/1981	42.00	M														
WSN177	628895.88	7551837.00	195.92	27/06/1981	27/06/1981	66.20	M														
WSN178	628717.68	7552310.34	195.83	27/06/1981	28/06/1981	60.10	M														
WSN179	628994.42	7552462.90	194.53	28/06/1981	28/06/1981	48.00	M														
WSN18	631390.29	7546358.10	203.69	5/06/1981	5/06/1981	84.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN180	629434.62	7551560.11	195.07	28/06/1981	28/06/1981	54.10	M														
WSN181	629802.82	7551196.40	196.51	28/06/1981	28/06/1981	30.10															
WSN182	629705.36	7551141.19	196.10	28/06/1981	28/06/1981	54.10	M														
WSN183	629010.22	7550184.43	199.18	28/06/1981	28/06/1981	60.00	M														
WSN184	629197.18	7550282.42	200.52	28/06/1981	28/06/1981	78.10	M														
WSN185	629640.51	7550533.11	199.73	28/06/1981	29/06/1981	78.05	M														
WSN186	629428.53	7550416.93	201.18	29/06/1981	29/06/1981	66.10	M														
WSN187	628765.74	7550044.63	198.73	29/06/1981	29/06/1981	36.00															
WSN188	629445.58	7549854.29	204.76	29/06/1981	29/06/1981	66.10	M														
WSN189	630142.22	7549668.45	203.95	29/06/1981	29/06/1981	84.10	M														
WSN19	631841.00	7546609.00	203.50	5/06/1981	5/06/1981	126.00															
WSN190	630359.64	7549789.58	203.74	29/06/1981	29/06/1981	90.10	M														
WSN191	631248.99	7552017.10	197.97	29/06/1981	30/06/1981	84.10	M														
WSN192	630775.84	7551748.84	198.75	30/06/1981	30/06/1981	30.05	M														
WSN193	631639.37	7552238.50	196.97	30/06/1981	30/06/1981	153.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN194	631899.72	7552387.71	192.05	1/07/1981	1/07/1981	42.00	M														
WSN195	629908.80	7550685.92	198.36	1/07/1981	1/07/1981	72.05	M														
WSN196	628314.00	7550937.50	196.49	1/07/1981	1/07/1981	90.20	M														
WSN197	630596.40	7549919.06	204.87	1/07/1981	1/07/1981	20.60	M														
WSN198	630464.19	7549844.99	204.18	1/06/1981	1/06/1981	42.00															
WSN199	632423.30	7550945.50	195.83	1/07/1981	2/07/1981	102.10	M														
WSN2	630873.78	7548354.51	192.56	1/06/1981	1/06/1981	78.00	M														
WSN20	632281.44	7546855.16	202.60	5/06/1981	6/06/1981	108.00	M														
WSN200	632016.74	7550713.65	201.32	2/07/1981	2/07/1981	90.05	M														
WSN201	629984.87	7550168.22	202.66	2/07/1981	2/07/1981	96.10	M														
WSN202	629787.74	7550043.86	204.41	2/07/1981	2/07/1981	84.10	M														
WSN203	629593.10	7549930.09	205.51	2/07/1981	2/07/1981	48.10	M														
WSN204	632720.90	7551098.17	191.01	2/07/1981	3/07/1981	95.80	M														
WSN205	633131.29	7551331.29	186.93	3/07/1981	3/07/1981	54.10	M														
WSN206	633518.15	7551550.02	187.29	3/07/1981	3/07/1981	54.10	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN207	632975.22	7550516.47	190.55	3/07/1981	3/07/1981	66.10	M														
WSN208	630115.52	7550226.30	202.29	4/07/1981	4/07/1981	96.10	M														
WSN209	630148.03	7549099.08	202.80	4/07/1981	4/07/1981	78.10	M														
WSN21	632726.54	7547111.00	197.69	6/06/1981	6/06/1981	156.00	M														
WSN210	630777.66	7549448.35	199.73	4/07/1981	4/07/1981	42.00	M														
WSN211	635207.84	7541616.16	206.60	4/07/1981	5/07/1981	151.95	M														
WSN212	634772.63	7541375.81	207.56	5/07/1981	5/07/1981	91.06	M														
WSN213	634521.10	7541804.86	209.37	5/07/1981	5/07/1981	76.07	M														
WSN214	636318.44	7541665.32	200.41	6/07/1981	6/07/1981	138.16	M														
WSN215	636757.60	7541901.21	199.54	6/07/1981	7/07/1981	115.23	M														
WSN216	637192.45	7542151.28	198.73	7/07/1981	7/07/1981	100.00	M														
WSN218	636506.50	7542347.45	202.53	8/07/1981	8/07/1981	182.70	M														
WSN219	636071.80	7542107.56	202.40	9/07/1981	9/07/1981	161.01	M														
WSN22	633197.70	7547373.38	201.48	6/06/1981	6/06/1981	66.00	M														
WSN220	634961.46	7542045.98	208.22	9/07/1981	10/07/1981	124.40	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN221	630583.14	7549342.39	198.70	4/07/1981	4/07/1981	84.10	M														
WSN222	629945.42	7548982.62	204.38	4/07/1981	4/07/1981	72.00	M														
WSN223	630838.68	7548913.22	195.05	5/07/1981	5/07/1981	102.10	M														
WSN23	631206.69	7545680.88	209.00	6/06/1981	6/06/1981	114.00	M														
WSN24	632091.48	7546176.25	207.71	6/06/1981	7/06/1981	102.00	M														
WSN241	637218.83	7541595.80	196.82	10/07/1981	10/07/1981	110.10	M														
WSN242	635398.86	7542289.51	205.61	10/07/1981	10/07/1981	168.46	M														
WSN243	635833.17	7542534.16	205.63	12/07/1981	12/07/1981	174.40	M														
WSN244	636280.22	7542761.47	203.67	12/07/1981	13/07/1981	172.74	M														
WSN245	635369.79	7542839.99	208.81	13/07/1981	14/07/1981	156.00	M														
WSN246	636438.99	7543454.30	201.49	14/07/1981	15/07/1981	125.85	M														
WSN247	629992.06	7547862.96	196.64	15/07/1981	15/07/1981	47.80	M														
WSN248	629951.83	7548423.04	199.81	15/07/1981	15/07/1981	65.80	M														
WSN249	630066.29	7547344.90	196.40	15/07/1981	15/07/1981	102.90	M														
WSN25	632563.19	7546437.30	201.78	7/06/1981	7/06/1981	144.00															
WSN250	630680.31	7547674.67	194.23	15/07/1981	16/07/1981	89.90	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN251	631950.72	7548383.43	190.59	16/07/1981	16/07/1981	71.85	M														
WSN252	631766.38	7547702.83	195.09	16/07/1981	17/07/1981	125.85															
WSN253	631786.78	7547720.26	194.81	17/07/1981	17/07/1981	125.80															
WSN254	632945.56	7546646.06	202.70	18/07/1981	18/07/1981	171.00	M														
WSN255	633905.25	7546065.03	207.56	19/07/1981	19/07/1981	55.00	M														
WSN256	635291.93	7544533.54	204.76	19/07/1981	20/07/1981	151.02	M														
WSN257	635784.13	7543649.28	208.97	20/07/1981	21/07/1981	138.00	M														
WSN258	632933.75	7546661.99	202.55	21/07/1981	25/07/1981	164.93	M														
WSN259	634417.25	7544038.25	214.41	25/07/1981	25/07/1981	96.10	M														
WSN26	631419.56	7545228.42	212.65	7/06/1981	7/06/1981	90.00	M														
WSN260	636209.59	7543906.36	202.14	27/07/1981	27/07/1981	60.00	M														
WSN27	632340.34	7545755.55	208.98	7/06/1981	7/06/1981	126.00	M														
WSN28	632806.16	7546003.34	206.92	8/06/1981	8/06/1981	162.00	M														
WSN281	636704.99	7543009.33	200.28	27/07/1981	27/07/1981	91.00	M														
WSN282	634672.99	7543607.98	216.93	30/07/1981	30/07/1981	80.98	M														
WSN283	637623.84	7542396.90	197.62	3/08/1981	3/08/1981	76.09	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN284	633358.86	7542883.73	217.41	3/08/1981	3/08/1981	66.16															
WSN285	631219.33	7544546.37	215.86	3/08/1981	4/08/1981	112.15	M														
WSN286	631009.39	7545004.02	211.53	4/08/1981	4/08/1981	151.28	M														
WSN287	630773.36	7545437.31	206.47	4/08/1981	5/08/1981	151.31															
WSN288	630967.33	7546117.41	203.07	5/08/1981	5/08/1981	101.11	M														
WSN289	629800.77	7547180.51	197.82	5/08/1981	5/08/1981	131.30	M														
WSN29	633724.30	7546512.81	200.76	7/06/1981	7/06/1981	108.00	M														
WSN290	632384.97	7548633.27	188.84	6/08/1981	7/08/1981	82.19															
WSN291	632637.96	7548201.65	190.91	6/08/1981	6/08/1981	76.12	M														
WSN292	633382.56	7546903.84	205.04	6/08/1981	6/08/1981	66.11	M														
WSN293	636426.05	7539443.07	192.73	8/08/1981	8/08/1981	106.19	M														
WSN294	635997.33	7539197.77	190.57	8/08/1981	8/08/1981	102.06															
WSN295	636893.35	7538555.23	186.73	8/08/1981	9/08/1981	94.18	M														
WSN296	636473.75	7538324.43	187.33	9/08/1981	9/08/1981	88.15	M														
WSN297	637389.54	7537684.51	185.66	9/08/1981	9/08/1981	118.19															

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN298	637835.44	7536794.39	183.95	10/08/1981	10/08/1981	71.13	M														
WSN299	638362.76	7535939.14	181.46	10/08/1981	10/08/1981	76.15	M														
WSN3	631344.44	7548620.45	191.12	1/06/1981	1/06/1981	78.00	M														
WSN30	630896.92	7547241.53	196.75	7/06/1981	8/06/1981	84.00	M														
WSN300	638860.58	7535071.54	178.51	10/08/1981	11/08/1981	29.00	M														
WSN31	633109.58	7544454.99	218.14	9/06/1981	9/06/1981	150.00	M														
WSN32	631895.89	7544354.59	221.43	9/06/1981	9/06/1981	126.00															
WSN321	640115.86	7536915.63	187.22	11/08/1981	11/08/1981	82.16	M														
WSN322	639141.81	7538660.32	192.13	11/08/1981	12/08/1981	76.15	M														
WSN323	638656.71	7539536.14	191.76	12/08/1981	12/08/1981	65.95	M														
WSN324	638167.15	7540410.63	192.04	12/08/1981	12/08/1981	71.06	M														
WSN325	637683.46	7540150.25	193.75	13/08/1981	13/08/1981	66.00	M														
WSN326	637226.27	7539887.90	195.26	13/08/1981	14/08/1981	148.46	M														
WSN327	636728.88	7539607.01	193.74	14/08/1981	14/08/1981	136.03	M														
WSN328	637367.55	7538813.77	191.27	15/08/1981	15/08/1981	117.95	M														
WSN329	637725.08	7539012.89	193.97	15/08/1981	16/08/1981	169.67	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN33	634402.47	7545747.66	208.04	9/06/1981	9/06/1981	114.00	M														
WSN330	638187.40	7539272.85	194.12	16/08/1981	16/08/1981	166.10															
WSN331	638755.07	7538452.47	195.02	16/08/1981	16/08/1981	145.22	M														
WSN332	638185.23	7538135.27	191.67	16/08/1981	16/08/1981	118.46	M														
WSN333	637649.65	7537841.14	185.26	17/08/1981	18/08/1981	118.85	M														
WSN334	629507.12	7547595.82	199.52	18/08/1981	18/08/1981	138.00															
WSN335	629381.35	7546956.97	200.89	19/08/1981	19/08/1981	88.14	M														
WSN336	630016.17	7546738.82	202.13	19/08/1981	19/08/1981	136.13	M														
WSN337	629584.35	7546503.97	206.28	19/08/1981	19/08/1981	106.13	M														
WSN338	638756.11	7538447.80	194.98	22/08/1981	22/08/1981	142.15	M														
WSN339	636519.48	7542906.65	201.38	21/08/1981	21/08/1981	150.00	M														
WSN34	633953.08	7545501.33	209.36	10/06/1981	10/06/1981	92.00	M														
WSN340	638166.46	7540418.10	192.07	23/08/1981	23/08/1981	76.00	M														
WSN35	633514.09	7545256.98	213.59	10/06/1981	10/06/1981	108.00	M														
WSN351	638184.49	7538127.79	191.54	23/08/1981	23/08/1981	169.38	M														
WSN352	637384.53	7537692.30	185.65	24/08/1981	24/08/1981	106.19	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN353	635696.24	7544758.88	201.07	24/08/1981	24/08/1981	146.50	M														
WSN354	635953.09	7544327.51	202.56	24/08/1981	24/08/1981	106.00	M														
WSN355	630176.86	7548536.25	199.40	28/08/1981	28/08/1981	83.86	M														
WSN36	633067.09	7545014.23	215.31	10/06/1981	10/06/1981	144.00	M														
WSN361	630567.21	7548757.80	196.66	28/08/1981	28/08/1981	83.83	M														
WSN362	631061.32	7549041.44	193.96	28/08/1981	28/08/1981	83.86	M														
WSN363	631496.23	7549283.26	192.56	28/08/1981	28/08/1981	71.87	M														
WSN364	630069.95	7548767.58	202.23	29/08/1981	29/08/1981	84.00	M														
WSN365	630694.43	7547113.92	197.30	8/09/1981	8/09/1981	65.89	M														
WSN366	631132.20	7547355.55	196.47	9/09/1981	9/09/1981	83.83	M														
WSN367	631567.52	7547599.00	195.88	9/09/1981	9/09/1981	131.89	M														
WSN368	632005.49	7547845.65	193.30	9/09/1981	9/09/1981	113.89	M														
WSN369	632220.07	7547964.18	191.97	10/09/1981	10/09/1981	95.86	M														
WSN37	632118.75	7543891.72	218.79	10/06/1981	10/06/1981	48.00	M														
WSN373	630938.14	7546678.51	199.21	1/10/1981	1/10/1981	72.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN374	630486.05	7546431.57	201.50	1/10/1981	1/10/1981	156.00	M														
WSN38	634784.19	7545359.44	203.05	11/06/1981	11/06/1981	66.00	M														
WSN39	634333.31	7545123.17	206.45	11/06/1981	11/06/1981	71.95	M														
WSN394	633765.18	7543679.89	217.59	7/09/1981	7/09/1981	114.00	M														
WSN4	631780.76	7548864.11	190.23	1/06/1981	1/06/1981	78.00	M														
WSN40	633500.86	7544671.31	213.23	11/06/1981	11/06/1981	107.92															
WSN401	631040.30	7547021.26	197.63	6/09/1981	6/09/1981	78.24	M														
WSN402	631253.36	7547140.15	198.38	6/09/1981	6/09/1981	89.87	M														
WSN403	631473.34	7547262.20	198.28	6/09/1981	6/09/1981	107.87	M														
WSN404	631690.43	7547383.62	197.36	6/09/1981	7/09/1981	131.91	M														
WSN405	631907.21	7547505.03	196.19	7/09/1981	7/09/1981	131.90	M														
WSN406	632125.32	7547627.66	195.06	7/09/1981	7/09/1981	113.89	M														
WSN407	632559.39	7547871.86	193.06	7/09/1981	8/09/1981	95.89	M														
WSN408	632779.68	7547994.88	192.50	8/09/1981	8/09/1981	59.87	M														
WSN409	632995.90	7548117.46	193.28	8/09/1981	8/09/1981	41.86															
WSN41	629157.27	7542265.89	209.43	23/06/1981	23/06/1981	378.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN410	630257.90	7546870.40	200.83	8/09/1981	8/09/1981	101.90	M														
WSN411	632882.21	7548334.19	190.66	10/09/1981	10/09/1981	41.87	M														
WSN412	630793.78	7547457.85	195.45	10/09/1981	10/09/1981	96.00															
WSN413	631009.16	7547575.04	195.29	10/09/1981	10/09/1981	84.00	M														
WSN414	631228.21	7547698.76	194.82	11/09/1981	11/09/1981	96.00	M														
WSN415	631443.89	7547819.41	194.51	11/09/1981	12/09/1981	126.00	M														
WSN416	631662.30	7547941.78	193.74	12/09/1981	12/09/1981	119.90	M														
WSN417	631881.54	7548064.99	192.25	12/09/1981	12/09/1981	96.00	M														
WSN418	632098.60	7548186.64	191.02	12/09/1981	12/09/1981	102.00	M														
WSN419	632315.98	7548308.32	190.19	12/09/1981	12/09/1981	96.00	M														
WSN42	632426.31	7543502.78	217.16	13/06/1981	13/06/1981	84.68	M														
WSN420	632534.71	7548431.27	189.56	13/09/1981	13/09/1981	84.00	M														
WSN421	629197.98	7546850.64	202.18	9/09/1981	9/09/1981	84.00	M														
WSN422	629604.66	7547078.15	199.09	9/09/1981	9/09/1981	108.00	M														
WSN423	630235.52	7547428.38	196.23	10/09/1981	10/09/1981	108.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN424	630450.93	7547549.87	195.10	10/09/1981	10/09/1981	96.00	M														
WSN425	631326.01	7548036.97	192.72	10/09/1981	10/09/1981	120.00	M														
WSN426	632199.95	7548527.89	189.58	10/09/1981	10/09/1981	126.00	M														
WSN427	632630.46	7548765.84	188.63	10/09/1981	10/09/1981	84.00	M														
WSN428	632905.75	7548921.21	188.20	11/09/1981	11/09/1981	102.00	M														
WSN429	633111.46	7549034.94	187.95	11/09/1981	11/09/1981	90.00	M														
WSN43	632858.39	7543742.44	220.93	13/06/1981	13/06/1981	94.01	M														
WSN430	630552.94	7547892.67	194.02	11/09/1981	11/09/1981	96.00	M														
WSN431	630762.61	7548009.23	192.90	11/09/1981	11/09/1981	78.00	M														
WSN432	630984.38	7548133.31	192.75	11/09/1981	11/09/1981	78.00	M														
WSN433	631201.20	7548255.34	192.23	11/09/1981	11/09/1981	102.00	M														
WSN434	631420.39	7548376.92	191.44	12/09/1981	12/09/1981	96.00	M														
WSN435	631641.04	7548500.23	190.79	12/09/1981	12/09/1981	108.00	M														
WSN436	631859.80	7548621.53	189.77	12/09/1981	12/09/1981	90.00	M														
WSN437	632069.90	7548739.39	189.40	12/09/1981	13/09/1981	96.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN438	632298.87	7548867.12	188.82	13/09/1981	13/09/1981	78.00	M														
WSN439	632554.63	7549009.25	188.66	13/09/1981	13/09/1981	76.00	M														
WSN44	633734.14	7544237.62	215.34	13/06/1981	13/06/1981	103.06	M														
WSN440	632556.04	7549011.66	188.56	13/09/1981	13/09/1981	108.00	M														
WSN441	632748.84	7549118.46	188.35	13/09/1981	13/09/1981	108.00															
WSN442	630326.92	7547768.20	194.60	14/09/1981	14/09/1981	114.00	M														
WSN443	630109.37	7547647.10	195.85	14/09/1981	14/09/1981	90.00	M														
WSN444	629892.67	7547524.60	196.57	14/09/1981	14/09/1981	120.00	M														
WSN445	630232.68	7548000.13	195.63	14/09/1981	14/09/1981	90.00	M														
WSN446	630145.95	7547953.36	196.12	14/09/1981	14/09/1981	30.00	M														
WSN447	630166.41	7547963.36	195.97	14/09/1981	14/09/1981	36.00	M														
WSN448	630186.50	7547974.56	195.87	14/09/1981	14/09/1981	42.00	M														
WSN449	630177.46	7547943.99	195.83	14/09/1981	14/09/1981	36.00	M														
WSN45	633297.70	7543993.02	218.89	14/06/1981	15/06/1981	127.15															
WSN450	629553.33	7542498.11	216.82	16/09/1981	16/09/1981	150.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN451	632728.33	7548539.80	188.69	13/09/1981	13/09/1981	42.00	M														
WSN452	629287.38	7547471.99	199.87	15/09/1981	15/09/1981	101.80	M														
WSN453	630086.11	7548203.05	197.67	14/09/1981	14/09/1981	78.00	M														
WSN454	629866.44	7548082.51	198.17	15/09/1981	15/09/1981	120.00	M														
WSN455	630034.24	7548174.34	197.78	14/09/1981	14/09/1981	36.00	M														
WSN456	629979.27	7548143.19	197.85	15/09/1981	15/09/1981	24.00	M														
WSN457	629998.37	7548153.34	197.84	15/09/1981	15/09/1981	24.00	M														
WSN458	630015.30	7548163.62	197.84	15/09/1981	15/09/1981	30.00	M														
WSN459	630007.53	7548138.91	197.74	15/09/1981	15/09/1981	30.00	M														
WSN46	633544.00	7543553.00	219.50	15/06/1981	15/06/1981	103.69	M														
WSN460	629988.37	7548169.93	197.93	15/09/1981	15/09/1981	24.00	M														
WSN461	630645.49	7548231.07	193.40	15/09/1981	15/09/1981	78.00	M														
WSN462	631514.67	7548719.69	190.89	15/09/1981	15/09/1981	84.00	M														
WSN463	630005.48	7542711.93	227.03	16/09/1981	16/09/1981	150.00	M														
WSN464	630423.43	7542965.06	227.34	16/09/1981	16/09/1981	150.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN465	630876.28	7543199.28	222.31	16/09/1981	16/09/1981	150.00	M														
WSN466	631324.73	7543457.89	221.22	16/09/1981	16/09/1981	150.00	M														
WSN467	631759.16	7543690.98	217.88	17/09/1981	17/09/1981	180.00	M														
WSN468	628674.53	7541991.15	207.78	17/09/1981	17/09/1981	150.00	M														
WSN469	628243.46	7541758.62	209.97	20/09/1981	20/09/1981	174.00	M														
WSN47	633979.73	7543797.96	216.28	15/06/1981	15/06/1981	105.95	M														
WSN470	627791.26	7541510.84	215.35	20/09/1981	20/09/1981	150.00	M														
WSN48	634854.85	7544280.40	210.40	15/06/1981	16/06/1981	80.75	M														
WSN482	627336.12	7541251.24	217.76	20/09/1981	20/09/1981	219.30	M														
WSN483	631956.21	7548964.28	189.66	21/09/1981	21/09/1981	84.00	M														
WSN484	632170.18	7549078.84	189.33	21/09/1981	21/09/1981	96.00	M														
WSN485	629168.36	7546261.37	209.01	22/09/1981	22/09/1981	150.00	M														
WSN486	628730.04	7546018.96	208.38	22/09/1981	22/09/1981	150.00	M														
WSN487	628294.24	7545772.51	208.60	23/09/1981	23/09/1981	150.00	M														
WSN488	627862.78	7545529.23	216.96	23/09/1981	23/09/1981	147.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN489	630558.42	7546747.75	199.68	1/10/1981	1/10/1981	72.00	M														
WSN49	632672.27	7543063.56	214.12	16/06/1981	16/06/1981	46.11	M														
WSN490	630357.55	7546639.24	201.59	1/10/1981	1/10/1981	156.00	M														
WSN495	629820.52	7546626.60	203.58	1/10/1981	1/10/1981	108.00	M														
WSN496	629375.54	7546377.21	209.48	2/10/1981	2/10/1981	90.00	M														
WSN497	630138.31	7547087.66	198.84	2/10/1981	2/10/1981	156.00	M														
WSN498	629750.63	7547730.78	198.37	2/10/1981	2/10/1981	138.00	M														
WSN499	630308.88	7548327.30	196.77	2/10/1981	2/10/1981	102.00	M														
WSN5	630401.84	7548669.38	198.08	2/06/1981	2/06/1981	84.00	M														
WSN50	634174.67	7544472.34	211.56	16/06/1981	16/06/1981	99.46	M														
WSN500	630524.36	7548450.90	195.43	2/10/1981	2/10/1981	84.00	M														
WSN501	630765.20	7548585.88	193.84	2/10/1981	2/10/1981	84.00	M														
WSN502	630982.00	7548708.59	193.09	3/10/1981	3/10/1981	84.00	M														
WSN503	631187.33	7548819.98	192.19	3/10/1981	3/10/1981	120.00	M														
WSN504	631405.10	7548942.98	191.10	3/10/1981	3/10/1981	60.00	M														
WSN505	631622.02	7549061.44	190.66	3/10/1981	3/10/1981	54.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN506	631840.10	7549184.05	190.62	3/10/1981	3/10/1981	60.00	M														
WSN507	632068.82	7549316.42	190.01	3/10/1981	3/10/1981	30.00	M														
WSN508	632300.34	7549447.27	190.59	5/10/1981	5/10/1981	90.00	M														
WSN509	631713.57	7549399.65	192.44	6/10/1981	6/10/1981	72.00	M														
WSN510	631930.46	7549521.11	194.06	6/10/1981	7/10/1981	66.00	M														
WSN511	631359.79	7549491.57	194.74	7/10/1981	7/10/1981	78.00	M														
WSN512	631144.62	7549366.65	196.25	7/10/1981	8/10/1981	84.00	M														
WSN513	630925.72	7549247.61	196.76	8/10/1981	8/10/1981	84.00	M														
WSN514	630712.51	7549128.36	196.66	8/10/1981	8/10/1981	96.00	M														
WSN515	630491.90	7549002.94	198.45	8/10/1981	8/10/1981	84.00	M														
WSN516	630270.92	7548883.64	200.93	9/10/1981	9/10/1981	96.00	M														
WSN517	629839.72	7548638.85	202.13	9/10/1981	9/10/1981	90.00	M														
WSN518	630372.77	7549222.65	199.40	9/10/1981	9/10/1981	72.00	M														
WSN519	630994.67	7549570.08	199.37	9/10/1981	9/10/1981	66.00	M														
WSN520	629720.98	7548860.77	204.30	9/10/1981	9/10/1981	54.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN521	629817.24	7549199.62	202.33	9/10/1981	9/10/1981	66.00															
WSN522	630035.51	7549321.53	200.71	10/10/1981	10/10/1981	72.00															
WSN523	630249.68	7549440.21	201.93	10/10/1981	10/10/1981	72.00	M														
WSN524	629948.80	7549571.01	204.97	10/10/1981	10/10/1981	72.00	M														
WSN525	630006.95	7549877.26	205.11	10/10/1981	10/10/1981	84.00	M														
WSN526	630228.68	7550000.62	204.53	10/10/1981	10/10/1981	78.00	M														
WSN527	629786.60	7549755.76	206.30	10/10/1981	10/10/1981	78.00	M														
WSN528	631771.08	7545713.35	207.42	11/10/1981	11/10/1981	114.00	M														
WSN529	631985.38	7545831.44	209.52	11/10/1981	11/10/1981	108.00	M														
WSN530	632640.07	7546197.02	203.71	11/10/1981	12/10/1981	150.00	M														
WSN531	631812.56	7547166.02	198.96	6/10/1981	6/10/1981	120.00	M														
WSN532	633119.78	7547893.38	188.84	6/10/1981	6/10/1981	80.00															
WSN533	631289.64	7546581.35	202.08	6/10/1981	6/10/1981	78.00	M														
WSN534	631493.18	7546699.92	201.10	6/10/1981	6/10/1981	90.00	M														
WSN535	631715.53	7546823.67	200.77	6/10/1981	6/10/1981	108.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN536	631925.44	7546940.96	201.71	7/10/1981	7/10/1981	108.00	M														
WSN537	632150.28	7547067.93	200.98	7/10/1981	7/10/1981	126.00	M														
WSN538	632371.38	7547189.91	199.08	7/10/1981	7/10/1981	126.00	M														
WSN539	632584.28	7547309.92	196.51	7/10/1981	7/10/1981	132.00															
WSN540	632804.99	7547432.31	196.03	7/10/1981	7/10/1981	72.00	M														
WSN541	633027.30	7547557.18	197.65	7/10/1981	7/10/1981	84.00	M														
WSN542	633245.66	7547678.40	200.16	7/10/1981	7/10/1981	108.00	M														
WSN543	631062.42	7546459.40	201.76	8/10/1981	8/10/1981	72.00	M														
WSN544	630839.59	7546334.38	201.03	8/10/1981	8/10/1981	66.00															
WSN545	631619.30	7546485.12	202.54	8/10/1981	8/10/1981	102.00	M														
WSN546	632498.07	7546975.00	199.78	8/10/1981	8/10/1981	126.00	M														
WSN547	631183.85	7546239.58	204.13	8/10/1981	8/10/1981	84.00	M														
WSN548	630743.21	7545997.21	202.74	8/10/1981	8/10/1981	120.00	M														
WSN549	631533.44	7546142.62	204.25	8/10/1981	8/10/1981	90.00	M														
WSN550	631740.06	7546266.63	204.28	9/10/1981	9/10/1981	120.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN551	631964.45	7546387.65	206.31	9/10/1981	11/10/1981	144.00	M														
WSN552	632177.45	7546512.09	205.64	11/10/1981	11/10/1981	108.00	M														
WSN553	632397.22	7546634.40	202.99	11/10/1981	11/10/1981	126.00	M														
WSN554	632613.18	7546757.30	199.95	11/10/1981	11/10/1981	126.00	M														
WSN555	632828.73	7546880.07	199.91	11/10/1981	11/10/1981	144.00	M														
WSN556	633049.88	7547006.37	201.98	11/10/1981	11/10/1981	98.00	M														
WSN557	633263.52	7547132.71	204.15	11/10/1981	11/10/1981	105.00	M														
WSN558	631297.60	7546020.93	206.72	12/10/1981	12/10/1981	78.00	M														
WSN559	631080.00	7545910.00	205.93	12/10/1981	12/10/1981	90.00	M														
WSN560	630850.89	7545767.82	204.92	12/10/1981	12/10/1981	132.00	M														
WSN561	631656.38	7545925.88	205.60	12/10/1981	12/10/1981	96.00															
WSN562	631865.99	7546049.33	207.10	12/10/1981	12/10/1981	120.00	M														
WSN563	632303.92	7546295.57	205.28	12/10/1981	12/10/1981	114.00	M														
WSN564	632746.03	7546540.62	201.47	13/10/1981	13/10/1981	132.00	M														
WSN565	633173.79	7546783.99	205.29	13/10/1981	13/10/1981	84.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN566	631422.46	7545801.54	208.04	13/10/1981	13/10/1981	96.00	M														
WSN567	630993.37	7545558.87	206.65	13/10/1981	13/10/1981	120.00	M														
WSN568	632011.73	7545278.33	212.61	13/10/1981	13/10/1981	90.00	M														
WSN569	632225.64	7545398.44	214.48	13/10/1981	13/10/1981	108.00	M														
WSN570	632439.01	7545519.96	213.05	13/10/1981	14/10/1981	126.00															
WSN571	632658.74	7545641.15	210.12	14/10/1981	14/10/1981	138.00	M														
WSN572	632883.95	7545757.26	207.88	14/10/1981	14/10/1981	150.00	M														
WSN573	633104.33	7545889.87	205.94	14/10/1981	14/10/1981	150.00	M														
WSN574	633314.45	7546010.80	204.36	14/10/1981	14/10/1981	72.00	M														
WSN575	633542.29	7546135.88	202.74	14/10/1981	14/10/1981	126.00															
WSN576	631787.25	7545143.44	211.50	15/10/1981	15/10/1981	84.00	M														
WSN577	631570.43	7545032.40	214.83	15/10/1981	15/10/1981	78.00	M														
WSN578	631360.77	7544902.62	212.95	15/10/1981	15/10/1981	48.00	M														
WSN579	633564.98	7542998.39	217.42	15/10/1981	15/10/1981	78.00	M														
WSN580	634012.91	7543233.51	216.20	15/10/1981	15/10/1981	90.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN581	632856.94	7546319.08	204.40	12/10/1981	12/10/1981	126.00	M														
WSN582	633076.42	7546441.35	205.77	12/10/1981	12/10/1981	138.00	M														
WSN583	633299.59	7546564.58	205.71	12/10/1981	12/10/1981	66.00	M														
WSN584	631549.12	7545586.03	205.12	12/10/1981	13/10/1981	96.00															
WSN585	631331.10	7545466.12	210.87	13/10/1981	13/10/1981	90.00	M														
WSN586	631104.73	7545339.29	208.37	13/10/1981	13/10/1981	114.00	M														
WSN587	631900.14	7545497.24	209.55	13/10/1981	13/10/1981	102.00	M														
WSN588	632544.64	7545857.14	208.64	14/10/1981	14/10/1981	144.00	M														
WSN589	633266.30	7546258.25	204.89	14/10/1981	14/10/1981	84.00	M														
WSN590	633490.44	7546384.67	202.31	14/10/1981	14/10/1981	102.00	M														
WSN591	631231.24	7545124.06	211.01	15/10/1981	15/10/1981	48.00	M														
WSN592	631446.79	7544672.85	210.36	15/10/1981	15/10/1981	18.00															
WSN593	631914.84	7544933.16	214.37	15/10/1981	15/10/1981	90.00	M														
WSN594	632361.21	7545178.55	215.95	15/10/1981	15/10/1981	120.00	M														
WSN595	632788.48	7545417.59	209.62	15/10/1981	16/10/1981	162.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN596	633112.93	7545317.40	213.04	17/10/1981	17/10/1981	156.00	M														
WSN597	633353.24	7545448.94	212.22	17/10/1981	17/10/1981	114.00	M														
WSN598	633563.26	7545566.27	210.46	17/10/1981	17/10/1981	78.00	M														
WSN599	633785.98	7545688.12	206.85	17/10/1981	17/10/1981	36.00	M														
WSN6	631251.65	7549142.39	192.93	2/06/1981	2/06/1981	72.00	M														
WSN600	633241.41	7545670.39	208.67	18/10/1981	18/10/1981	138.00	M														
WSN601	634893.63	7543723.93	215.84	15/10/1981	15/10/1981	78.00	M														
WSN602	635713.41	7544188.87	204.72	15/10/1981	15/10/1981	120.00	M														
WSN603	633123.54	7542745.71	214.05	16/10/1981	16/10/1981	60.00	M														
WSN604	633470.31	7542672.55	216.28	16/10/1981	16/10/1981	72.00	M														
WSN605	633688.73	7542779.42	216.66	16/10/1981	16/10/1981	72.00	M														
WSN606	633925.74	7542911.59	215.16	16/10/1981	16/10/1981	78.00	M														
WSN607	634142.86	7543034.52	213.61	16/10/1981	16/10/1981	84.00	M														
WSN608	634354.69	7543142.31	214.09	16/10/1981	16/10/1981	84.00	M														
WSN609	634546.40	7543257.79	214.83	16/10/1981	16/10/1981	96.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN610	634780.23	7543389.59	215.61	17/10/1981	17/10/1981	78.00	M														
WSN611	634990.58	7543507.50	215.71	17/10/1981	17/10/1981	90.00	M														
WSN612	635218.21	7543632.58	214.83	17/10/1981	17/10/1981	102.00	M														
WSN613	635430.03	7543744.20	211.28	17/10/1981	17/10/1981	120.00	M														
WSN614	635637.29	7543859.30	208.56	17/10/1981	17/10/1981	154.65	M														
WSN615	635869.68	7543989.43	205.46	17/10/1981	17/10/1981	114.00	M														
WSN616	633807.13	7542553.49	216.13	18/10/1981	18/10/1981	66.00	M														
WSN617	634254.95	7542804.77	213.05	18/10/1981	18/10/1981	90.00	M														
WSN618	634676.88	7543040.34	212.31	18/10/1981	18/10/1981	102.00	M														
WSN619	635119.66	7543286.46	213.18	18/10/1981	18/10/1981	108.00	M														
WSN620	635557.91	7543525.37	210.85	18/10/1981	18/10/1981	132.00	M														
WSN621	633691.58	7545932.15	204.53	18/10/1981	18/10/1981	66.00	M														
WSN622	634097.35	7546165.94	207.94	18/10/1981	18/10/1981	48.00	M														
WSN623	631594.24	7544460.74	223.10	18/10/1981	18/10/1981	89.90															
WSN624	631815.66	7544587.03	219.71	18/10/1981	18/10/1981	60.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN625	632025.73	7544703.16	218.40	18/10/1981	18/10/1981	90.00	M														
WSN626	632465.59	7544952.50	217.05	18/10/1981	18/10/1981	114.00	M														
WSN627	632680.89	7545074.08	213.79	19/10/1981	19/10/1981	138.00															
WSN628	632903.06	7545198.66	212.74	19/10/1981	19/10/1981	162.00	M														
WSN629	632242.69	7544849.61	215.94	19/10/1981	19/10/1981	102.00	M														
WSN630	631707.59	7544243.74	220.95	19/10/1981	19/10/1981	84.00	M														
WSN631	632163.36	7544495.39	220.09	19/10/1981	19/10/1981	96.00	M														
WSN632	632575.88	7544730.96	220.12	20/10/1981	20/10/1981	132.00	M														
WSN633	632804.84	7544851.58	216.88	20/10/1981	20/10/1981	156.00	M														
WSN634	632257.56	7544270.38	223.25	21/10/1981	21/10/1981	90.00	M														
WSN635	632063.05	7544157.68	221.23	21/10/1981	21/10/1981	60.00	M														
WSN636	632501.73	7544403.42	223.26	23/10/1981	23/10/1981	90.00															
WSN637	632717.20	7544521.83	220.92	23/10/1981	23/10/1981	126.00	M														
WSN638	632837.82	7544301.32	221.56	23/10/1981	23/10/1981	126.00	M														
WSN639	633690.76	7545349.18	212.52	23/10/1981	23/10/1981	78.00															

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN640	633285.07	7545124.60	214.57	23/10/1981	23/10/1981	108.00	M														
WSN642	636000.18	7543777.80	205.51	18/10/1981	18/10/1981	132.00	M														
WSN643	633354.24	7542297.31	212.57	18/10/1981	18/10/1981	96.00	M														
WSN644	633932.08	7542335.62	214.18	19/10/1981	19/10/1981	108.00	M														
WSN645	633723.45	7542215.62	212.54	19/10/1981	19/10/1981	48.00	M														
WSN646	634148.46	7542464.25	214.66	19/10/1981	19/10/1981	84.00	M														
WSN647	634357.52	7542582.02	211.94	19/10/1981	19/10/1981	90.00	M														
WSN648	634583.03	7542709.31	210.24	19/10/1981	19/10/1981	96.00	M														
WSN649	634804.97	7542834.69	210.72	19/10/1981	19/10/1981	108.00	M														
WSN650	635025.90	7542954.32	211.49	20/10/1981	20/10/1981	120.00															
WSN651	635233.57	7543058.76	211.15	20/10/1981	20/10/1981	132.00	M														
WSN652	635489.21	7543212.05	210.47	20/10/1981	20/10/1981	132.00	M														
WSN653	635705.33	7543333.66	208.93	20/10/1981	21/10/1981	150.00	M														
WSN654	635922.18	7543454.50	207.38	21/10/1981	21/10/1981	173.25	M														
WSN655	636164.69	7543570.60	204.20	22/10/1981	22/10/1981	163.95	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN656	636359.96	7543694.56	202.19	22/10/1981	22/10/1981	132.00	M														
WSN657	633837.78	7541990.42	210.69	22/10/1981	22/10/1981	108.00	M														
WSN658	634279.87	7542243.09	213.09	22/10/1981	22/10/1981	78.00	M														
WSN659	634497.42	7542361.59	211.74	22/10/1981	22/10/1981	84.00	M														
WSN660	634715.37	7542479.51	209.52	23/10/1981	23/10/1981	108.00	M														
WSN661	627419.57	7545285.98	224.86	19/10/1981	19/10/1981	132.57	M														
WSN662	626983.32	7545044.63	228.32	19/10/1981	19/10/1981	138.00	M														
WSN663	626546.35	7544802.85	225.38	19/10/1981	19/10/1981	78.00	M														
WSN664	626109.56	7544559.87	220.42	19/10/1981	20/10/1981	150.00	M														
WSN665	625671.31	7544316.66	218.33	20/10/1981	20/10/1981	114.00	M														
WSN666	628323.06	7549797.75	200.28	20/10/1981	20/10/1981	156.00	M														
WSN667	627888.05	7549554.47	201.95	20/10/1981	22/10/1981	150.00	M														
WSN668	627460.58	7549315.62	204.90	22/10/1981	22/10/1981	162.00	M														
WSN669	627022.24	7549071.49	210.29	22/10/1981	23/10/1981	108.00	M														
WSN670	626583.92	7548829.48	211.72	23/10/1981	23/10/1981	48.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN671	626150.50	7548581.96	209.00	23/10/1981	23/10/1981	18.00															
WSN672	634817.36	7540251.10	199.39	23/10/1981	23/10/1981	102.00	M														
WSN673	634376.60	7540011.89	200.39	24/10/1981	24/10/1981	99.00	M														
WSN674	633943.86	7539765.91	197.05	24/10/1981	25/10/1981	135.00	M														
WSN675	633506.43	7539521.34	197.41	25/10/1981	26/10/1981	150.00	M														
WSN676	633061.32	7539271.52	198.96	26/10/1981	26/10/1981	150.00	M														
WSN677	632634.84	7539031.42	195.84	27/10/1981	27/10/1981	120.00	M														
WSN678	636365.49	7544556.80	199.22	27/10/1981	27/10/1981	120.00	M														
WSN679	636803.30	7544801.88	197.30	27/10/1981	28/10/1981	150.00	M														
WSN680	637236.27	7545043.26	197.47	28/10/1981	29/10/1981	97.00	M														
WSN681	635141.02	7542716.45	208.17	23/10/1981	23/10/1981	144.00	M														
WSN682	635592.30	7542965.53	208.17	23/10/1981	23/10/1981	154.60	M														
WSN683	635810.42	7543094.36	207.06	24/10/1981	24/10/1981	154.60	M														
WSN684	636222.69	7543333.09	203.55	24/10/1981	24/10/1981	132.00	M														
WSN685	636681.07	7543586.80	198.08	24/10/1981	24/10/1981	165.80	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN686	635264.09	7542512.12	207.06	24/10/1981	25/10/1981	164.00	M														
WSN687	635478.50	7542632.39	207.39	25/10/1981	25/10/1981	173.00	M														
WSN688	635724.29	7542772.32	207.26	27/10/1981	27/10/1981	168.40	M														
WSN689	635932.21	7542890.34	206.16	27/10/1981	27/10/1981	168.40	M														
WSN690	636134.01	7542985.72	204.04	27/10/1981	28/10/1981	177.60	M														
WSN691	636336.20	7543112.65	202.33	28/10/1981	28/10/1981	150.00	M														
WSN692	636568.79	7543240.20	200.38	28/10/1981	28/10/1981	132.00	M														
WSN693	636933.11	7543133.48	198.29	29/10/1981	29/10/1981	159.20	M														
WSN694	636804.67	7543368.06	198.31	29/10/1981	29/10/1981	159.20	M														
WSN695	636061.61	7542656.06	205.09	29/10/1981	30/10/1981	163.80	M														
WSN696	635612.98	7542415.41	205.82	30/10/1981	30/10/1981	174.80	M														
WSN697	635065.12	7542394.34	206.72	30/10/1981	31/10/1981	138.00	M														
WSN698	634839.90	7542275.65	209.22	31/10/1981	31/10/1981	108.00	M														
WSN699	634615.82	7542148.19	210.63	31/10/1981	31/10/1981	90.00	M														
WSN7	631095.48	7547907.82	193.40	2/06/1981	2/06/1981	78.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN700	634395.35	7542024.55	211.42	31/10/1981	31/10/1981	78.00	M														
WSN701	633999.54	7545810.82	209.05	24/10/1981	24/10/1981	80.50	M														
WSN702	634209.15	7545926.69	209.24	24/10/1981	24/10/1981	60.00	M														
WSN703	634143.04	7545605.97	209.12	24/10/1981	24/10/1981	36.00	M														
WSN704	632935.96	7544645.69	218.03	24/10/1981	25/10/1981	150.00	M														
WSN705	633152.81	7544768.27	216.06	25/10/1981	25/10/1981	144.00	M														
WSN706	633381.15	7544893.21	213.15	25/10/1981	25/10/1981	96.00															
WSN707	633586.34	7545006.46	211.34	25/10/1981	25/10/1981	96.00	M														
WSN708	633795.54	7545124.38	211.55	26/10/1981	26/10/1981	83.00	M														
WSN709	634019.81	7545249.68	209.87	26/10/1981	26/10/1981	84.00	M														
WSN710	634251.49	7545380.91	207.30	26/10/1981	26/10/1981	72.00	M														
WSN711	634463.10	7545501.51	206.83	26/10/1981	26/10/1981	78.00	M														
WSN712	634160.69	7545018.13	208.06	26/10/1981	26/10/1981	54.00	M														
WSN713	633293.15	7544546.64	216.21	27/10/1981	27/10/1981	126.00	M														
WSN714	633830.82	7544574.42	212.71	27/10/1981	27/10/1981	96.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN715	634068.84	7544706.18	209.47	27/10/1981	27/10/1981	90.00	M														
WSN716	634308.26	7544838.61	207.87	27/10/1981	27/10/1981	66.00	M														
WSN717	634496.27	7544946.21	207.00	28/10/1981	28/10/1981	60.00	M														
WSN718	634719.92	7545070.94	205.53	28/10/1981	28/10/1981	90.00	M														
WSN719	634947.97	7545199.01	204.32	28/10/1981	28/10/1981	78.00	M														
WSN720	635129.27	7545291.13	202.75	28/10/1981	28/10/1981	102.00	M														
WSN721	634532.63	7545816.49	206.24	29/10/1981	30/10/1981	139.00	M														
WSN722	634996.49	7546080.82	201.30	30/10/1981	30/10/1981	109.00	M														
WSN723	635433.71	7546323.62	201.85	30/10/1981	30/10/1981	91.00	M														
WSN724	635869.94	7546567.91	199.76	31/10/1981	31/10/1981	42.00	M														
WSN725	633353.98	7548029.72	196.29	31/10/1981	31/10/1981	150.00	M														
WSN726	633792.36	7548273.41	197.55	1/11/1981	1/11/1981	150.00	M														
WSN727	634228.63	7548517.81	192.79	1/11/1981	1/11/1981	84.00	M														
WSN728	634673.53	7548762.98	185.02	1/11/1981	2/11/1981	42.00	M														
WSN729	635064.14	7539822.28	196.77	2/11/1981	2/11/1981	42.00															

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN730	635289.31	7539946.51	195.89	2/11/1981	2/11/1981	54.00	M														
WSN731	635717.21	7540184.17	197.09	2/11/1981	4/11/1981	91.00	M														
WSN732	636167.04	7540429.56	200.95	4/11/1981	5/11/1981	132.00	M														
WSN733	636601.68	7540680.45	198.71	6/11/1981	6/11/1981	126.00	M														
WSN734	636941.61	7537444.84	186.88	6/11/1981	7/11/1981	112.80	M														
WSN735	636520.31	7537202.42	186.96	9/11/1981	9/11/1981	95.00	M														
WSN736	636097.11	7536953.66	189.43	9/11/1981	11/11/1981	108.00	M														
WSN737	636514.86	7537195.87	187.00	14/11/1981	15/11/1981	82.70	M														
WSN738	635661.69	7536713.60	190.22	15/11/1981	16/11/1981	132.00															
WSN739	635211.91	7536461.30	192.84	17/11/1981	18/11/1981	73.00															
WSN741	635349.67	7545416.97	200.93	28/10/1981	28/10/1981	72.00	M														
WSN742	634591.17	7545265.11	204.37	28/10/1981	28/10/1981	54.00	M														
WSN743	635041.19	7545504.37	201.88	29/10/1981	29/10/1981	78.00	M														
WSN744	635262.96	7545627.93	200.17	29/10/1981	29/10/1981	60.00	M														
WSN745	634688.60	7545626.45	204.52	29/10/1981	29/10/1981	48.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN746	634404.66	7544605.60	210.79	29/10/1981	29/10/1981	114.00															
WSN747	632995.21	7544082.05	221.11	29/10/1981	29/10/1981	120.00	M														
WSN748	633181.53	7544208.32	217.27	30/10/1981	30/10/1981	132.00	M														
WSN749	633406.50	7544335.21	215.80	30/10/1981	30/10/1981	126.00	M														
WSN750	633613.29	7544447.91	214.60	30/10/1981	30/10/1981	120.00	M														
WSN751	633941.12	7544344.51	212.25	31/10/1981	31/10/1981	102.00	M														
WSN752	633533.93	7544115.49	218.58	31/10/1981	31/10/1981	120.00	M														
WSN753	633096.17	7543871.85	220.94	31/10/1981	31/10/1981	114.00	M														
WSN754	633001.87	7543536.17	218.73	1/11/1981	1/11/1981	90.00	M														
WSN755	633229.51	7543663.48	220.60	1/11/1981	1/11/1981	102.00	M														
WSN756	633433.35	7543778.29	220.06	8/11/1981	8/11/1981	114.00	M														
WSN757	633622.35	7543883.54	218.86	8/11/1981	8/11/1981	126.00	M														
WSN758	633880.70	7544027.25	214.38	9/11/1981	9/11/1981	108.00	M														
WSN759	634082.82	7544139.29	214.09	9/11/1981	9/11/1981	94.00	M														
WSN760	634309.72	7544265.80	212.27	10/11/1981	10/11/1981	96.00															

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN761	634179.50	7541911.07	210.32	31/10/1981	31/10/1981	102.00	M														
WSN762	634289.81	7541677.99	208.05	1/11/1981	1/11/1981	54.00	M														
WSN763	635069.95	7541832.31	207.62	1/11/1981	1/11/1981	132.00	M														
WSN764	634848.57	7541711.24	208.70	1/11/1981	1/11/1981	108.00	M														
WSN765	634649.68	7541600.37	208.14	2/11/1981	2/11/1981	78.00	M														
WSN766	634421.39	7541474.62	206.12	2/11/1981	2/11/1981	48.00	M														
WSN767	634552.84	7541253.43	205.91	2/11/1981	2/11/1981	60.00	M														
WSN768	634978.26	7541495.83	207.65	2/11/1981	2/11/1981	126.00	M														
WSN769	634881.86	7541146.99	206.94	2/11/1981	2/11/1981	90.00	M														
WSN770	634675.14	7541036.67	205.99	2/11/1981	2/11/1981	72.00	M														
WSN771	635297.52	7541960.34	205.85	2/11/1981	2/11/1981	163.80	M														
WSN772	635498.89	7542072.21	204.16	5/11/1981	5/11/1981	177.60	M														
WSN773	635725.12	7542194.19	204.35	5/11/1981	6/11/1981	182.20	M														
WSN774	635947.03	7542325.75	203.71	6/11/1981	6/11/1981	178.00	M														
WSN775	636163.45	7542445.67	204.34	6/11/1981	6/11/1981	177.60	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN776	636383.42	7542572.99	202.99	7/11/1981	7/11/1981	187.00	M														
WSN777	636614.44	7542686.76	202.29	7/11/1981	7/11/1981	90.00	M														
WSN778	636842.36	7542824.24	199.97	8/11/1981	8/11/1981	114.00	M														
WSN779	637089.37	7542959.79	198.57	8/11/1981	9/11/1981	132.00	M														
WSN780	637408.42	7542844.96	197.91	9/11/1981	9/11/1981	90.00	M														
WSN781	637143.31	7542690.56	198.60	9/11/1981	9/11/1981	132.00	M														
WSN782	636276.85	7542210.37	202.80	9/11/1981	9/11/1981	164.00	M														
WSN783	635905.32	7542000.89	202.97	10/11/1981	10/11/1981	168.00	M														
WSN784	635426.77	7541743.45	206.18	10/11/1981	10/11/1981	168.00	M														
WSN785	635770.48	7541649.34	204.23	10/11/1981	10/11/1981	164.00	M														
WSN786	635555.37	7541518.39	205.50	11/11/1981	11/11/1981	155.00	M														
WSN787	635337.75	7541399.34	205.89	11/11/1981	11/11/1981	144.00	M														
WSN788	635106.80	7541269.83	206.18	12/11/1981	12/11/1981	126.00	M														
WSN789	636042.83	7541804.01	201.87	12/11/1981	12/11/1981	155.00															
WSN790	636213.19	7541894.86	201.96	12/11/1981	12/11/1981	150.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN791	636489.87	7542046.69	201.18	13/11/1981	13/11/1981	168.00	M														
WSN792	636733.39	7542172.59	200.92	13/11/1981	13/11/1981	120.00	M														
WSN793	636961.61	7542297.42	200.21	14/11/1981	14/11/1981	90.00															
WSN794	637159.00	7542420.95	198.78	14/11/1981	14/11/1981	84.00	M														
WSN795	637333.45	7542513.77	198.27	14/11/1981	14/11/1981	154.00	M														
WSN796	637537.83	7542618.69	197.95	15/11/1981	15/11/1981	90.00															
WSN797	637387.25	7542265.65	198.30	15/11/1981	15/11/1981	114.00	M														
WSN798	636950.20	7542019.29	199.58	15/11/1981	15/11/1981	91.00	M														
WSN799	636523.86	7541785.31	199.80	25/11/1981	25/11/1981	164.00	M														
WSN8	631505.67	7548140.43	192.15	2/06/1981	2/06/1981	114.00	M														
WSN800	636098.45	7541545.54	201.86	25/11/1981	25/11/1981	144.00	M														
WSN801	634513.50	7544374.76	211.14	11/11/1981	11/11/1981	69.00	M														
WSN802	634744.48	7544506.57	208.79	11/11/1981	11/11/1981	54.00	M														
WSN803	634980.97	7544641.17	206.32	11/11/1981	11/11/1981	66.00	M														
WSN804	635195.22	7544757.68	204.22	12/11/1981	12/11/1981	138.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN805	635403.99	7544874.48	202.74	12/11/1981	12/11/1981	66.00	M														
WSN806	634826.17	7544840.15	207.31	14/11/1981	14/11/1981	88.00	M														
WSN807	633113.06	7543312.99	216.94	14/11/1981	14/11/1981	84.00	M														
WSN808	632874.78	7543178.37	215.93	14/11/1981	14/11/1981	90.00	M														
WSN809	633329.97	7543432.91	218.61	14/11/1981	14/11/1981	90.00	M														
WSN81	634608.81	7544718.71	208.74	16/06/1981	17/06/1981	46.07	M														
WSN810	634222.39	7543932.02	215.63	14/11/1981	14/11/1981	96.00	M														
WSN811	634633.42	7544164.56	212.65	15/11/1981	15/11/1981	78.00	M														
WSN812	635115.29	7544427.48	207.02	15/11/1981	15/11/1981	102.00	M														
WSN813	635536.93	7544664.47	202.03	15/11/1981	15/11/1981	102.00	M														
WSN814	632795.47	7542853.22	212.39	15/11/1981	15/11/1981	84.00	M														
WSN815	633017.58	7542973.82	214.46	15/11/1981	17/11/1981	72.00	M														
WSN816	633217.12	7543083.94	216.08	17/11/1981	17/11/1981	72.00	M														
WSN817	633671.41	7543338.51	218.22	17/11/1981	17/11/1981	90.00															
WSN818	633878.46	7543454.27	217.96	17/11/1981	17/11/1981	96.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN819	634085.41	7543570.80	217.84	17/11/1981	17/11/1981	90.00	M														
WSN82	633785.93	7543121.64	216.30	17/06/1981	17/06/1981	90.01	M														
WSN820	635172.58	7544179.17	206.90	17/11/1981	17/11/1981	114.00	M														
WSN821	635670.38	7541305.97	204.44	25/11/1981	25/11/1981	138.00	M														
WSN822	635181.80	7541033.03	204.24	26/11/1981	26/11/1981	102.00	M														
WSN823	635800.04	7541089.53	203.39	26/11/1981	26/11/1981	122.00	M														
WSN824	635563.70	7540957.85	204.37	27/11/1981	27/11/1981	120.00	M														
WSN826	630204.52	7548498.64	198.82	3/12/1981	3/12/1981	48.00	M														
WSN827	630229.25	7548455.67	198.19	3/12/1981	3/12/1981	48.00	M														
WSN828	630259.84	7548411.65	197.65	3/12/1981	3/12/1981	48.00	M														
WSN829	630277.91	7548367.05	197.18	3/12/1981	3/12/1981	48.00	M														
WSN83	634219.66	7543364.92	217.19	17/06/1981	17/06/1981	85.47															
WSN830	630326.90	7548280.23	196.15	3/12/1981	3/12/1981	48.00	M														
WSN831	630351.23	7548237.13	195.56	3/12/1981	3/12/1981	84.00	M														
WSN832	630376.68	7548191.01	195.18	7/12/1981	7/12/1981	54.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN833	630399.18	7548149.05	194.87	7/12/1981	7/12/1981	54.00	M														
WSN834	630446.58	7548063.78	194.32	7/12/1981	7/12/1981	54.00	M														
WSN835	630471.68	7548019.25	193.84	7/12/1981	7/12/1981	60.00	M														
WSN836	630495.88	7547976.32	193.74	7/12/1981	7/12/1981	60.00	M														
WSN837	630520.56	7547932.83	194.20	7/12/1981	7/12/1981	60.00	M														
WSN838	630568.91	7547844.53	194.08	7/12/1981	7/12/1981	60.00	M														
WSN839	630594.82	7547801.70	194.06	8/12/1981	8/12/1981	60.00	M														
WSN84	635098.02	7543846.68	213.14	17/06/1981	17/06/1981	89.97															
WSN840	630617.61	7547755.57	193.98	8/12/1981	8/12/1981	60.00	M														
WSN841	635101.44	7549005.14	186.02	18/11/1981	18/11/1981	117.00	M							Y	Y			Y			
WSN842	635538.77	7549248.50	186.28	19/11/1981	19/11/1981	129.20	M							Y	Y			Y			
WSN843	636326.14	7546820.75	198.76	19/11/1981	19/11/1981	84.00	M							Y	Y			Y			
WSN844	636743.77	7547051.81	198.68	21/11/1981	21/11/1981	103.00	M							Y	Y			Y			
WSN845	637192.99	7547304.84	194.04	21/11/1981	21/11/1981	96.00	M							Y	Y			Y			
WSN846	636144.19	7544433.70	201.11	21/11/1981	22/11/1981	151.00	M							Y	Y			Y			

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN847	636581.35	7544677.17	198.13	22/11/1981	22/11/1981	72.00	M							Y	Y			Y			
WSN848	637678.74	7545291.80	197.45	22/11/1981	22/11/1981	85.00	M							Y	Y			Y			
WSN849	638128.09	7545544.19	196.20	23/11/1981	23/11/1981	109.00	M							Y	Y			Y			
WSN85	635341.83	7543413.71	212.65	18/06/1981	18/06/1981	117.80	M														
WSN850	638548.66	7545778.10	192.85	23/11/1981	24/11/1981	136.00	M							Y	Y			Y			
WSN851	638979.24	7546022.24	183.15	24/11/1981	24/11/1981	66.00															
WSN852	637631.79	7547550.86	195.43	26/11/1981	26/11/1981	79.00	M														
WSN853	637028.49	7540924.39	197.79	27/11/1981	28/11/1981	144.00															
WSN854	637472.28	7541172.43	195.76	28/11/1981	28/11/1981	102.00															
WSN855	637109.97	7541239.18	196.68	28/11/1981	28/11/1981	78.00	M														
WSN856	637356.74	7541377.09	195.48	28/11/1981	28/11/1981	48.00	M														
WSN857	636913.05	7541132.04	197.53	28/11/1981	28/11/1981	78.00															
WSN858	630232.20	7549718.20	203.79	3/12/1981	3/12/1981	90.00	M							Y	Y			Y			
WSN859	630454.65	7549839.26	204.12	3/12/1981	3/12/1981	54.00	M							Y	Y			Y			
WSN86	634907.81	7543161.01	213.42	18/06/1981	18/06/1981	99.31	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN860	630558.55	7547038.64	198.53	3/12/1981	3/12/1981	108.00	M							Y	Y			Y			
WSN861	635382.92	7544304.86	205.51	18/11/1981	18/11/1981	126.00	M							Y	Y			Y			
WSN862	635836.86	7544551.07	202.25	18/11/1981	18/11/1981	96.00	M														
WSN863	635606.24	7544422.90	204.33	18/11/1981	18/11/1981	114.00	M														
WSN864	632738.40	7543968.27	222.67	18/11/1981	18/11/1981	102.00	M														
WSN865	632308.92	7543721.64	217.95	19/11/1981	19/11/1981	90.00	M														
WSN866	632530.54	7543845.49	221.30	19/11/1981	19/11/1981	72.00	M														
WSN867	632520.50	7543266.64	215.21	19/11/1981	19/11/1981	78.00	M														
WSN868	632776.97	7543412.56	218.28	19/11/1981	19/11/1981	60.00	M														
WSN869	631960.25	7543807.62	217.02	19/11/1981	19/11/1981	90.00	M														
WSN87	634467.01	7542930.07	211.78	18/06/1981	18/06/1981	80.69	M														
WSN870	631854.49	7544044.79	219.67	19/11/1981	19/11/1981	102.00	M														
WSN871	631005.88	7544423.84	214.75	21/11/1981	21/11/1981	150.00	M														
WSN872	631143.08	7544789.92	213.37	21/11/1981	21/11/1981	138.00	M														
WSN873	630872.69	7545209.40	208.82	22/11/1981	22/11/1981	120.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN874	629669.26	7547403.44	197.77	22/11/1981	22/11/1981	138.00	M														
WSN875	629694.93	7549414.19	206.02	23/11/1981	23/11/1981	144.00	M														
WSN876	630441.74	7550118.70	206.08	23/11/1981	23/11/1981	19.20	M														
WSN877	632917.12	7542626.77	211.12	23/11/1981	23/11/1981	134.00	M														
WSN878	633265.63	7542541.90	213.30	24/11/1981	26/11/1981	102.00	M														
WSN879	632380.38	7544616.45	218.97	26/11/1981	26/11/1981	96.00	M														
WSN88	634029.05	7542687.97	215.60	18/06/1981	19/06/1981	80.69	M														
WSN880	635344.25	7540256.36	198.12	27/11/1981	27/11/1981	97.00	M														
WSN881	635603.64	7540404.54	199.53	27/11/1981	27/11/1981	90.00	M														
WSN882	635824.34	7540531.64	202.74	27/11/1981	28/11/1981	120.00	M														
WSN883	636063.58	7540660.35	201.77	28/11/1981	28/11/1981	120.00	M														
WSN884	636241.07	7540759.04	200.24	28/11/1981	28/11/1981	126.00	M														
WSN885	630021.87	7547312.04	196.66	3/12/1981	3/12/1981	33.00	M														
WSN886	629984.21	7547290.82	196.76	3/12/1981	3/12/1981	18.00	M														
WSN887	629940.03	7547266.22	196.98	3/12/1981	3/12/1981	108.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN888	630114.61	7547362.87	196.22	3/12/1981	3/12/1981	63.00	M														
WSN889	630158.63	7547387.74	196.20	3/12/1981	3/12/1981	70.00	M														
WSN89	633575.74	7542437.79	214.60	19/06/1981	19/06/1981	56.05	M														
WSN890	630202.50	7547412.78	195.97	3/12/1981	3/12/1981	78.00	M														
WSN891	630278.05	7547454.58	195.77	3/12/1981	6/12/1981	108.00	M														
WSN892	630321.34	7547479.13	195.63	6/12/1981	8/12/1981	132.00	M														
WSN893	630365.49	7547503.29	195.46	8/12/1981	8/12/1981	54.00	M														
WSN894	630409.10	7547527.68	195.30	9/12/1981	9/12/1981	102.00	M														
WSN895	630493.73	7547574.98	194.96	9/12/1981	9/12/1981	84.00	M														
WSN896	630537.48	7547599.52	194.70	9/12/1981	9/12/1981	66.00	M														
WSN897	630581.64	7547623.60	194.40	9/12/1981	9/12/1981	60.00	M														
WSN898	630627.88	7547648.60	193.72	9/12/1981	9/12/1981	60.00	M														
WSN899	630712.21	7547696.69	194.18	10/12/1981	10/12/1981	60.00	M														
WSN9	630469.65	7546987.85	199.09	3/06/1981	3/06/1981	90.00	M														
WSN90	631695.11	7544812.58	217.24	19/06/1981	19/06/1981	80.82															
WSN902	630983.67	7546704.07	199.21	3/12/1981	3/12/1981	90.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN903	633010.37	7547836.48	195.81	6/12/1981	6/12/1981	38.00	M														
WSN904	633030.62	7547847.88	196.01	6/12/1981	6/12/1981	36.00	M														
WSN905	633020.19	7547842.13	195.92	6/12/1981	6/12/1981	36.00	M														
WSN906	632404.68	7548070.97	191.62	6/12/1981	6/12/1981	114.00	M														
WSN907	632590.34	7547601.76	194.85	7/12/1981	7/12/1981	60.00	M														
WSN909	633343.66	7545736.69	208.11	7/12/1981	7/12/1981	90.00															
WSN91	632135.84	7545063.72	214.78	19/06/1981	19/06/1981	108.54	M														
WSN910	632262.87	7544555.90	218.79	8/12/1981	8/12/1981	90.00	M														
WSN911	633019.76	7544977.11	215.21	8/12/1981	8/12/1981	156.00	M														
WSN912	630514.71	7547014.96	198.85	9/12/1981	9/12/1981	42.00	M							Y	Y			Y			
WSN913	630602.90	7547063.52	198.14	9/12/1981	9/12/1981	36.00	M							Y	Y			Y			
WSN914	632354.92	7548041.61	191.76	9/12/1981	9/12/1981	84.00	M							Y	Y			Y			
WSN915	632302.46	7548011.46	191.86	9/12/1981	9/12/1981	78.00	M							Y	Y			Y			
WSN916	632257.12	7547987.81	191.90	9/12/1981	9/12/1981	72.00	M							Y	Y			Y			
WSN917	632492.52	7548119.50	191.53	10/12/1981	10/12/1981	66.00	M							Y	Y			Y			

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN918	632503.44	7547552.81	195.18	10/12/1981	10/12/1981	120.00	M							Y	Y			Y			
WSN919	632547.36	7547575.23	199.31	10/12/1981	12/12/1981	126.00	M							Y	Y			Y			
WSN92	632571.70	7545290.85	212.08	19/06/1981	20/06/1981	156.00	M														
WSN920	631029.23	7546728.47	199.31	12/12/1981	12/12/1981	78.00	M							Y	Y			Y			
WSN921	630644.40	7547716.41	193.50	8/12/1981	8/12/1981	60.00	M							Y	Y			Y			
WSN922	630691.58	7547628.05	194.41	8/12/1981	8/12/1981	66.00	M														
WSN923	630716.92	7547583.55	194.77	8/12/1981	8/12/1981	66.00	M														
WSN924	630741.57	7547538.29	194.90	8/12/1981	8/12/1981	66.00	M														
WSN925	630766.11	7547493.81	195.27	8/12/1981	8/12/1981	66.00	M														
WSN926	630812.28	7547412.14	195.74	9/12/1981	9/12/1981	72.00	M														
WSN927	630836.11	7547367.89	195.93	9/12/1981	9/12/1981	72.00	M														
WSN928	630861.85	7547322.94	196.24	9/12/1981	9/12/1981	72.00	M														
WSN929	630886.20	7547278.84	196.49	9/12/1981	9/12/1981	54.00	M														
WSN93	633006.27	7545537.47	209.60	20/06/1981	21/06/1981	173.58	M														
WSN930	630936.03	7547191.47	196.92	9/12/1981	9/12/1981	72.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN931	630960.59	7547148.77	197.13	9/12/1981	9/12/1981	60.00	M														
WSN932	630984.05	7547106.95	197.30	9/12/1981	9/12/1981	54.00	M														
WSN933	631008.66	7547062.88	197.52	9/12/1981	9/12/1981	54.00	M														
WSN934	631057.42	7546975.02	197.89	10/12/1981	10/12/1981	54.00	M														
WSN935	631081.69	7546931.60	198.25	10/12/1981	10/12/1981	84.00	M														
WSN936	631105.99	7546888.40	198.65	10/12/1981	10/12/1981	54.00	M														
WSN937	631130.92	7546845.31	199.06	10/12/1981	10/12/1981	60.00	M														
WSN938	632000.84	7548418.10	190.12	10/12/1981	10/12/1981	78.00	M														
WSN939	632065.06	7548453.16	190.04	10/12/1981	10/12/1981	48.00	M														
WSN94	635485.88	7544072.95	207.40	21/06/1981	21/06/1981	138.20	M														
WSN941	630798.83	7547745.95	194.18	10/12/1981	10/12/1981	63.00	M														
WSN942	630905.63	7547804.69	194.03	10/12/1981	10/12/1981	66.00	M														
WSN943	630948.98	7547828.95	193.91	10/12/1981	10/12/1981	87.00	M														
WSN944	630993.05	7547853.70	193.74	10/12/1981	10/12/1981	63.00	M														
WSN945	631035.42	7547878.54	193.52	10/12/1981	10/12/1981	42.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN946	631142.75	7547938.02	193.28	10/12/1981	10/12/1981	52.00	M														
WSN947	631184.76	7547960.45	193.13	12/12/1981	12/12/1981	51.00	M														
WSN948	631227.68	7547985.17	192.99	12/12/1981	12/12/1981	52.00	M														
WSN949	631268.92	7548008.31	192.96	12/12/1981	12/12/1981	81.00	M														
WSN95	634941.92	7542606.05	207.69	21/06/1981	22/06/1981	122.58	M														
WSN950	631366.99	7548063.29	192.61	12/12/1981	12/12/1981	84.00	M														
WSN951	631408.72	7548086.86	192.51	12/12/1981	12/12/1981	87.00	M														
WSN952	631450.02	7548109.89	192.35	13/12/1981	13/12/1981	82.00	M														
WSN953	631552.05	7548166.88	191.94	13/12/1981	13/12/1981	69.00	M														
WSN954	631592.74	7548190.31	191.78	13/12/1981	13/12/1981	63.00	M														
WSN955	631640.77	7548217.80	191.70	14/12/1981	14/12/1981	54.00	M														
WSN956	631687.38	7548243.06	191.56	14/12/1981	14/12/1981	48.00	M														
WSN957	631802.72	7548306.84	191.08	14/12/1981	14/12/1981	30.00	M														
WSN958	631845.20	7548330.50	190.88	14/12/1981	14/12/1981	30.00	M														
WSN959	631889.68	7548355.81	190.67	14/12/1981	14/12/1981	30.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN96	634064.10	7542133.52	212.31	22/06/1981	22/06/1981	66.26	M														
WSN960	632107.58	7548476.11	189.81	12/12/1981	12/12/1981	84.00	M														
WSN961	630402.88	7549811.43	203.70	12/12/1981	12/12/1981	108.00	M														
WSN962	630274.76	7549740.80	203.79	12/12/1981	12/12/1981	49.00	M							Y	Y			Y			
WSN963	630188.93	7549695.85	203.68	12/12/1981	12/12/1981	84.00	M							Y	Y			Y			
WSN964	630093.44	7549641.91	203.08	13/12/1981	13/12/1981	72.00	M							Y	Y			Y			
WSN965	630049.91	7549617.41	203.36	13/12/1981	13/12/1981	66.00	M							Y	Y			Y			
WSN966	629909.02	7549539.02	205.13	13/12/1981	13/12/1981	72.00	M							Y	Y			Y			
WSN967	629991.78	7549585.00	204.54	13/12/1981	13/12/1981	66.00	M							Y	Y			Y			
WSN968	628926.79	7550706.47	196.94	13/12/1981	13/12/1981	30.00	M							Y	Y			Y			
WSN969	628884.67	7550683.31	196.85	13/12/1981	13/12/1981	84.00	M							Y	Y			Y			
WSN97	636017.91	7543206.88	204.74	22/06/1981	22/06/1981	173.17	M														
WSN970	632153.57	7548502.22	189.68	12/12/1981	12/12/1981	84.00	M							Y	Y			Y			
WSN971	632311.56	7548588.65	189.05	13/12/1981	13/12/1981	84.00	M														
WSN972	632352.36	7548611.61	188.94	13/12/1981	13/12/1981	48.00	M														

HOLE DETAILS							MODEL		QUALITY					GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN973	632432.68	7548656.75	188.94	13/12/1981	13/12/1981	78.00	M														
WSN974	632237.62	7548547.07	189.40	12/12/1981	12/12/1981	60.00	M														
WSN975	632279.91	7548570.56	189.15	12/12/1981	12/12/1981	126.00	M														
WSN98	635491.84	7540069.55	196.54	22/06/1981	23/06/1981	89.39	M														
WSN981	631994.58	7543259.77	214.66	4/05/1982	4/05/1982	66.00															
WSN982	632234.32	7542821.52	212.29	4/05/1982	4/05/1982	46.00															
WSN983	631798.39	7542576.99	211.12	5/05/1982	5/05/1982	100.00															
WSN984	631411.41	7541218.90	211.12	5/05/1982	5/05/1982	71.00	M														
WSN985	631847.77	7541462.85	211.13	5/05/1982	5/05/1982	61.00	M														
WSN986	629010.98	7550754.28	196.93	16/02/1982	16/02/1982	40.00	M														
WSN987	628993.15	7550744.58	196.94	16/02/1982	16/02/1982	40.00	M														
WSN988	629001.66	7550749.30	196.98	16/02/1982	16/02/1982	40.00	M														
WSN989	628984.39	7550739.58	196.93	16/02/1982	16/02/1982	40.00	M							Y	Y			Y			
WSN99	635930.17	7540311.71	198.56	23/06/1981	23/06/1981	111.80	M														
WSN990	633550.52	7545855.74	205.70	17/02/1982	17/02/1982	35.00	M							Y	Y			Y			

HOLE DETAILS							MODEL		QUALITY						GEOPHYSICS							
HOLE ID	EASTING (AMG84) ZONE 55	NORTHING (AMG84) ZONE 55	RL	START DATE	END DATE	TOTAL DEPTH	STRUCTURE	POINT OF OBSERVATION	PROXIMATE ANALYSIS	ULTIMATE ANALYSIS	ASH ANALYSIS	WASHABILITY	VERTICALITY	CALIPER	GAMMA	DENSITY LONG	DENSITY SHORT	BULK DENSITY	NEUTRON	RESISTIVITY	SONIC VELOCITY
WSN991	633594.02	7545880.60	205.18	17/02/1982	17/02/1982	46.00	M							Y	Y			Y			
WSN992	633530.72	7545844.93	206.06	17/02/1982	17/02/1982	40.00	M							Y	Y			Y			
WSN995	630721.44	7547129.11	197.31	19/02/1982	19/02/1982	46.00	M							Y	Y			Y			
WSN996	632996.34	7547831.88	195.64	19/02/1982	19/02/1982	46.00	M							Y	Y			Y			
WSN999	631635.49	7542483.99	219.87	20/04/1982	20/04/1982	120.00	M														

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