Wagga Wagga Quarry

ANNUAL REVIEW



















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List of Abbreviations

AHD	Australian Height Datum
ANZECC	Australian and New Zealand Environment and Conservation Council
ARMCANZ	Agriculture and Resource Management Council of Australia and New Zealand
AS	Australian Standard
CCC	Community Consultative Committee
EA	Environmental Assessment
EMS	Environmental Management Strategy
EPA	Environment Protection Authority
ISO	International Organization for Standardization
NZS	New Zealand Standard
PA	Project Approval
NOW	NSW Office of Water
OEH	NSW Office of Environment & Heritage
RMS	Roads and Maritime Services





Executive Summary

Annual Review

Wagga Wagga Quarry



1. Executive Summary

The effective management and monitoring of quarry processes is a fundamental element in ensuring favourable environmental outcomes, compliance with Development Approval, and the progressive integration of the development within the community and surrounding amenity. To ensure that the Wagga Wagga Extension Project (the project) is appropriately managed Hanson Construction Materials Pty Ltd (Hanson) have composed this Annual Review as per Development Approval Conditions. This document reviews the environmental performance of the project between the reporting period, 1 July 2015 – 30 June 2016.

1.1 Air Quality

The Proponent manages air quality in accordance with the Project's Air Quality Management Plan, EPL requirements, and Project Approval Conditions. The Proponent maintains a DustTrak monitor on site with SMS "real-time" response, a site weather station, and has 5 Dust Deposition Gauges (DDGs) located over the site.

The DDGs were relocated in consultation with the EPA in June 2016. Over the annual reporting period, the DDG readings were compliant.

The DustTrak monitor experienced a significant period of time in which the data was presenting erroneous readings. The monitor was sent for servicing. The monitor was correctly working 24 June 2016.

The Air Quality Management Plan was prepared by PAE Holmes and has been generally confirmed with during the reporting period.

1.2 Noise

The proponent manages noise emissions in accordance with the project's Noise Management Plan which has been prepared by PAE Holmes and the Project Approval Conditions.

There were no instances of noise related non-compliance.

1.3 Traffic

The Proponent is operating in accordance with the Traffic Management Plan as prepared by Intersect Traffic. The recommendations presented in the Traffic Management Plan will be continuously assessed throughout the life of the project. The Project continues to operate as per the Project's Traffic Management Plan and the Company's transportation best operational practices.

There were 12 instances where the transportation movement exceeded the stipulated 6 movements per hour between the hours of 3pm – 6pm. These movements were 4 dispatches or 5 dispatches and in all circumstances when averaged over this 3 hour period, did not exceed 3



dispatches (i.e. 6 movements). Additional information regarding these exceedances can be viewed in **Section 4.4.4**- *Traffic Management Non-Conformances*

1.4 Water

Groundwater and surface water is managed in accordance with the Project Water Management Plan (WMP), EPL requirements and the Project Approval Conditions.

There has been substantial development in the site's water management. Firstly the riverbank repair works have been structurally completed during the reporting period. The NOW will continue to be consulted with pending the finalisation of the Riverbank Repair Vegetation Plan.

Secondly the *Water Management Improvement Program* has been progressively established during the reporting period. The system has substantially upgraded the water flows and water recycling over the site in general accordance with the *Water Management Improvement Program*. The site is no longer pumping water from the river, and it is anticipated that there will be negligible reliance on the water access licences in the subsequent reporting period. The implementation of the *Water Management Improvement Program* will be assessed in respect to Project Approval Schedule 2, Condition 7 in respect to approval to excavate materials below the currently approved depth of 158m AHD.

The site has five groundwater loggers which sample water depth and temperature on a continuous hourly basis. One logger malfunctioned during the reporting period which has been reset June 2016.

The site surface water monitoring was compliant during the reporting period.

1.5 Landscape and Biodiversity

The project has generally maintained compliance with the various biodiversity management plans and the rehabilitation management plan. The Project has not conducted weed management during the reporting period based on advice from Council in the 2014 – 2015 reporting period. A weed inspection is intended for the 2016 – 2017 reporting period.

No pest control has been conducted during the reporting period.

The river bank has been seeded during the reporting period. No other active rehabilitation has been conducted on site during the reporting period.

1.6 Non Compliances

- AIR: The project has had exceedances in monthly deposited dust, however over the annual reporting period the project is compliant with the relevant criterion.
- TRANSPORT: There were 12 instances where the transportation movement exceeded the stipulated 6 movements per hour between the hours of 3pm 6pm. These



- movements were 4 dispatches or 5 dispatches and in all circumstances when averaged over this 3 hour period, did not exceed 3 dispatches (i.e. 6 movements).
- The Department has requested review of the management plans in June 2016. This will occur during the next reporting period (June 2015 – June 2017) and will be reported during this time.

1.7 Complaints

There have been no complaints during the reporting period.



Figure 1: Active Pit Workings





Introduction and Background Information

Annual Review

Wagga Wagga Quarry



2 Introduction

Hanson Construction Materials Pty Ltd (Hanson) own and operate a sand and river gravel quarry located on the floodplain of the Murrumbidgee River five kilometres (km) west of the city of Wagga Wagga, in the Riverina region of NSW, approximately 460km southwest of Sydney (refer to **Figure 2**).

The Wagga Wagga Quarry Extension Project involves the extraction of up to 150,000 tonnes per annum (tpa) of construction aggregates over a project life of 25 years. Aggregates extracted from the site would be processed at the site and transported by road to regional customers in Wagga Wagga, Griffith, Mildura, Leeton, Canberra, Temora, Shepparton and as far south as Melbourne. The quarry directly employs 6 people during the reporting period, these being 3 operators, one truck driver, one casual plant operator and a quarry manager.

The Department of Planning and Environment (DP&E), formally the Department of Planning and Infrastructure, granted Project Approval 07 0069 subject to approval conditions on 22 November 2011. Under condition 3 of Schedule 5 of the Project Approval, an Annual Review is required to be submitted to the DP&E to review the environmental performance of the project. This Annual Review will detail the operational and environmental management activities of the project during the period 1 July 2014 to 30 June 2015.

2.1 Document Purpose

This Annual Review will address the environmental performance of the project. In accordance with condition 3, schedule 5 this document will;

- 1. describe the development (including any rehabilitation) that was carried out in the past year, and the development that is proposed to be carried out over the next year;
- 2. include a comprehensive review of the monitoring results and complaints records of the project over the past year, which includes a comparison of these results against the:
 - a. relevant statutory requirements, limits or performance measures/criteria;
 - b. monitoring results of previous years; and
- 3. identify any non-compliance over the past year, and describe what actions were (or are being) taken to ensure compliance:
- 4. identify any trends in the monitoring data over the life of the project;
- 5. identify any discrepancies between the predicted and actual impacts of the project, and analyse the potential cause of any significant discrepancies; and
- 6. describe what measure will be implemented over the next year to improve the environmental performance of the project.

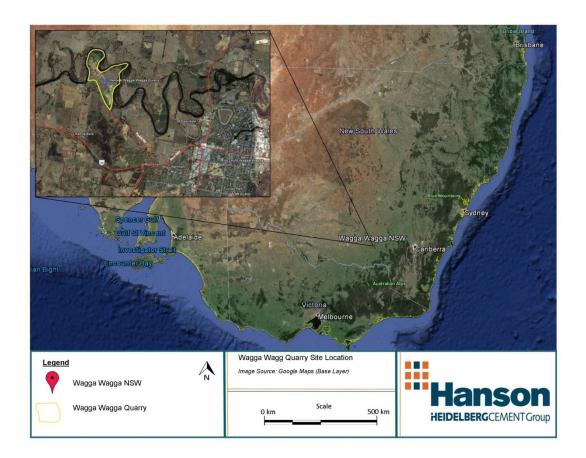


Figure 2: Site Location

2.2 Project Overview

The site is located on a floodplain bordering the Murrumbidgee River and privately held land. The total area of the site is 200 hectors (ha). Of this, 120ha is floodplain, 29ha is occupied by the extraction area, and 1.5ha is occupied by the plant and stockpile area. Access to the site is from Roach Road and McNickle Road off the Sturt Highway.

The quarry is approved to transport 150,000 tonnes per annum (tpa) of product from the site. The operational life of the quarry is expected to be in excess of 30 years. The quarry will be developed into a series of cells, over five (5) developmental stages.

There is little topsoil on the site, which is typically less than 0.5 meters (m) thick. Geologically, the substrate is comprised of sandy sediments and conglomerate gravel beneath the superficial 0.5 m topsoil layer. All useful material is stockpiled for rehabilitation works. Overburden will be placed back into exhausted cells for progressive and final rehabilitation. Overburden depth is approximately 4 m followed by fine-grained sand and gravel to a depth of 20 m.



Material is extracted from the reserves using a 40 tonne (t) excavator. Raw material is transported to the crushing plant via two dump trucks each with a 35 t capacity. Aggregate stockpiles normally contain approximately 20,000 t of aggregate for retail distribution.

The material is sold by loading into trucks via a front-end loader and quantified using a weighbridge. All processed material is hauled from the site, via a sealed access road (Roach Road) connecting to the Sturt Highway. Road trucks are typically truck and dog configurations carrying 33 t payloads. The distribution routes are either east or west along the Sturt highway.

Progressive rehabilitation of the quarried areas will be carried out by completing earthworks and covering the reclaimed area with topsoil and vegetation. The project seeks to recreate indigenous vegetation areas similar to those on the surrounding land. The excavated areas will naturally fill with water to create a series of dams.

2.3 Consents and licensing

Environmental monitoring and management for the site must also meet the requirements of the Project Approval conditions and Environmental Protection Licence. These are summarised in the following sections.

2.3.1 Project Approval

The project was approved under Section 75J of the *Environmental Planning and Assessment Act 1979* (EP&A Act), (22 November 2011). The major components of the project are summarized in **Table 1**. The project is described in full in Hanson's Environmental Assessment (EA).

Table 1: Major Project Components

Aspect	Description
Project summary	Continuation and expansion of the Wagga Wagga Quarry including:
	 Extraction of up to 150,000 tpa of sand and gravel (reaching a rate of up to 250,000tpa for short periods) from four new staged quarry pits; Construction of haul roads, levee banks and sediment dams; Processing and washing of raw quarried material; Loading and dispatch by road of an average of 150,000 tpa (but with short term peaks of up to 250,000 tpa) of quarry products including concrete, aggregates, asphalt aggregates and road base; Stockpiling of topsoil for reuse in rehabilitation works; and



	Progressive rehabilitation of the site.
Total Site Area	200ha.
Extraction Areas	51.6 ha (proposed new extraction area, including up to 22.5 ha of quarry pits); 29 ha (previous extraction area, including up to 16.8 ha of exhausted quarry pits).
Extraction	40-tonne excavator.
Method	
Extraction Rate	Up to 150,000 tpa, with short term (project-related) peaks of up to 250,000 tpa.
Extraction	Four separate quarry pits, operated as five successive extraction stages, starting
Staging	from the north and extending southwards.
Resource	In excess of five million tonnes of sand and gravel.
Depth of	Approximately 22 m - 25 m below the existing land surface, to a maximum depth
Extraction	of 152 m AHD, approximately 15.5 m below the average height of the Murrumbidgee River.
Processing and	Operation of existing processing facilities including a primary feed crusher and
Facilities	screens, with connecting conveyor belts. The site contains an existing workshop
	and office amenities building. A weighbridge is located on the site access road.
Water	Water produced from licenced groundwater dewatering operations to be treated
Management	on-site (settled to <50 ppm suspended solids) then discharged to the
	Murrumbidgee as is current site practice.
Main Products	Concrete aggregates, asphalt aggregates, road base and sundry aggregates.
Product	All products would be transported by road, via Roach Road and McNickle Road to
Transport	the Sturt Highway and thence to market destinations.
	Maximum of 6 heavy vehicle movements per hour between 3 pm and 6 pm.
Project Life	Quarrying operations may take place at the site until 31 December 2036.
Rehabilitation	Rehabilitation is proposed to be a combination of wetlands, grassland and a
	revegetated riparian zone. Levee banks would be removed and the material
	returned to pits. Pit banks would be regraded and revegetated and all pits allowed
	to fill with water to a standing water level of 168m AHD (expect Stage 1, which
	would be refilled to 1m above groundwater level). The final outcome would be a
	large grassed area, with five water-filled pits with vegetation around the
	perimeters.
Employment	The project would directly employ between 10 and 15 people during operation,
	and would support employment of an additional 10 subcontracted truck drivers.
Capital Value	\$0.5 million.
Construction	Construction of haul roads, levee banks and sediment dams, and surface water
	diversion banks (if required).
Hours of	Quarrying operations
Operation	Monday – Friday: 6 am – 6 pm
	Saturdays: 8 am – 1 pm
	Sundays and Public Holidays: No Activities
	Transportation off-site



Monday – Friday 6 am – 6 pm Saturdays: 8 am – 1 pm Sundays and Public Holidays: No activities

2.3.2 Environmental Protection Licence (EPL) No. 2433

EPM 2433 Applies to all scheduled activities undertaken by Hanson Construction Materials at Lot 2 DP 610795 and part Lot B DP 381991 (north of Roach Road). The license provides the following:

- Performance criteria for environmental management including pollutant concentration load limits, waste limits, noise limits, air quality (odour and dust) limits;
- Monitoring and record keeping requirements;
- Testing methods;
- · Pollution complaints handling; and
- Reporting requirements.

2.4 Environmental Management and Performance Criteria

2.4.1 Environmental Management Plans

The following environmental management/monitoring plans have been prepared in accordance with the requirements of the Project Approval:

- Air Quality Management and Monitoring Plan (PAE Holmes; May 2012);
- Noise Monitoring Program (PAE Holmes, May 2012);
- Traffic Management Plan (Insite Planning, May 2012);
- Comprehensive Water Audit (Evans & Peck; June 2012);
- Water Improvement Program (Evans & Peck; March 2013)
- Waste Management Plan (Hanson Construction Materials; September 2014);
- Flora and Fauna Management Plan (M. Svinos, February 2012);
- Rehabilitation Plan (Hanson Construction Materials; September 2014)
- Water Monitoring Program (Martens and Associates; June 2015);
- Water Management Plan (Martens and Associates; June 2015) which includes;
 - Site Water Balance.
 - Erosion and Sediment Control Plan.
 - Surface Water Management Plan.
 - Flood Management Plan.
 - Contingency measures.



The resultant key environmental management and performance outcomes for the site are summarised in **Table 2 to** create a single strategy for the site.

Table 2: Summary of Environmental Management Plans

Aspect	Element	Objective	Performance Outcomes
Water	Surface Water	Reduce river water use	Comply with WAL entitlements.
	Demands	Provide access to available stored water	Provide pipelines to supply processing plant to eliminate evaporation
		Determine existing (baseline) water quality of discharge waters	Surface water sampling to be undertaken from EPL monitoring locations monthly
		Create water quality improvement program for future operations	Compliance with trigger values specified in the Water Improvement Program
	Surface Water Quality	Identify trigger values for remedial action	Exceedence of trigger values are reported and managed internally in accordance with the Water Monitoring Program
		Create a suitable treatment system for surface water to achieve compliance with TSS requirements as per the site's EPL.	Optimal TSS concentration at discharge points is achieved through implementation of recommendations of the Water Improvement Program
	Sediment and Erosion Control	Prevent transport of sediment off site during construction and operation	Extraction cells to be bunded with engineered levee banks and suitable fuse plugs
		oporation	Sediment basins should be appropriately designed to treat plant recycled water
Air	Air Quality	Control air quality impacts of the project	Compliance with air quality criteria as per Schedule 3, Condition 5 of the Project Approval
		Identify trigger values for remedial action	Management of dust levels through dust control practices listed in Section 3 of the Air Quality Management and Monitoring Plan.
		Outline a monitoring program for air quality (dust)	Dust and particulates monitored continuously at monitoring locations identified to protect nearby sensitive receptors
		Identify locations for continuous monitoring for fine particulates	Any dust incidences to be reported internally and effectively managed
		which represent sensitive receptors	No dust complaints from nearby sensitive receptors
Acoustics	Noise	Maintain current low potential for noise impacts to existing surrounding residential communities	Compliance with noise conditions specified in Schedule 3, Condition 1 of the Project Approval
		Provide a good practice noise management plan	Consistency with industry noise emissions factors for plant and machinery
			Monitoring of noise emissions from specified monitoring points.

2.5 Non-Compliance

Non-compliance is defined as an instance where environmental performance fails to meet the statutory limit. Governing procedures in the event of non-compliance are outlined in corresponding monitoring plans, however the general procedure is:



- 1. Non-compliance is reported by personnel to the site manager.
- 2. Notify Regional Environmental Manager who contacts relevant government agencies if applicable.
- 3. Under the site manager's direction, the source of the non-compliance is to be investigated and identified.
- Mitigation works/measures are to be developed and actioned as soon as possible.
 Investigate possible amendments/alterations to treatment systems to avoid future non-compliance.
- 5. Prepare an incident report for the site manager to include in Annual Review for DP&E and Environmental Protection Authority (EPA). Additional reporting may also be required by government agencies or DP&E.

Where non-compliance is likely to cause significant environmental harm, relevant government agencies are to be notified promptly by the Regional Environmental Manager.

2.6 Personnel Structure and Responsibilities

Table 3 summarises the organisational structure at Wagga Wagga Quarry and associated responsibilities.

Table 3: Roles and Responsibilities

Roles	Responsibilities	
Noics	Responsibilities	
Operations Manager	Will ensure adequate resources are available to enable implementation	
	of this Strategy and all Environmental Management Plans and Program.	
Quarry Manager	Accountable for the overall performance of the Project, including the	
	following.	
	Key performance outcomes of the Project;	
	Evaluation of Compliance;	
	 Corrective and Preventative Actions; 	
	 Incident Reporting; 	
	Dispute Resolution;	
	Review of the Project;	
	 Consultation Strategies; and 	
	Emergency preparation, response and investigation.	
Quarry Supervisor	Ensure the implementation of all applicable strategies and policies, including the following.	
	Ensure employees are competent through training and awareness	



	 programs; Monitoring; Corrective Action and Preventative Action in consultation with the Quarry Manager; Consultation Strategies; and Complaints management.
All personnel	Ensure compliance with all applicable strategies and policies (i.e. Environmental Management Strategy) including consultation strategies approved by the Environmental Supervisor.

2.6.1 Organisational Structure

The structure of environmental personnel and their roles/responsibilities within is shown in **Figure 3**. Although personnel have specific accountabilities at different levels of work, all staff members, contractors and visitors are accountable for:

- Complying with relevant legislation including EPL's;
- Complying with this EMS and associated documents as they apply;
- Communicating any information they become aware of in relation to environmental management; and
- Taking appropriate action to mitigate environmental impacts.



National
Environmental
Manager

· Establish and delegate environmental monitoring programs requested.

Regional Environmental Manager

- Establish a documented monitoring programs/schedules for:
- · Licence conditions which stipulate monitoring;
- · Planning conditions which stipulates monitoring;
- Monitoring required by EMS and associated documentation;
- Discharges on/off site where there is a high risk of adverse environmental impacts;
- Documentat any non-compliance and remedial action and report to Director General/relevant government agencies as per project approval.
- Resolve any community complaints referred by site manager.
- Establish procedures for environmental emergencies and distribute to site managers.

- · Ensure environmental monitoring occurs at the nominated frequency.
- Ensure results are checked in accordance with relevant criteria and EPL requirements.
- Immediately report any non-compliance to the regional manager and undertake remedial action as per monitoring program.
- Coordinate remedial action for environmental emergencies/spills.
- organise/participate in community/stakeholder consultation
- Initial complaints handling.
- Ensure all personel are apprpiately inducted and trained regarding environmental management, monitoring procedures and environmental emergency procedures.
- · Coordinate toolbox meetings.

Site Manager

Figure 3: Organisational Structure Environmental Responsibilities

2.7 Wagga Wagga Quarry Structure and Responsibilities

Table 4 summarises the organisational structure at Wagga Wagga Quarry and associated responsibilities.

Table 4: Roles and Responsibilities

Roles Responsibilities



Operations/Area Manager	Will ensure adequate resources are available to enable implementation of the Environmental Management Strategy and all Environmental Management Plans and Monitoring Programs.	
Quarry Manager	Accountable for the overall performance of the Project, including the following. • Key performance outcomes of the Project;	
	 Evaluation of Compliance; Corrective and Preventative Actions; Incident Reporting; Dispute Resolution; Review of the Project; Ensure employees are competent through training and awareness programs; Consultation Strategies; and Emergency preparation, response and investigation. 	
All personnel	Ensure compliance with all applicable strategies and policies (i.e. Environmental Management Strategy), site practices and protocols.	





Development during the Reporting Period

Annual Review

Wagga Wagga Quarry



3 Development

3.1 During the reporting period (2015 – 2016)

3.1.1 Extraction

Wagga Wagga Quarry have continued extraction of sand and gravel from the quarry face by either a front end loader or excavator and hauled to the processing plant where it is sorted into sellable product.

Approximately 78, 011 tonnes of material was sold during 1st June 2015 – 1st June 2016.

No blasting is required or used at the Quarry during the reporting period.

3.1.2 Processing

Material is then transported by mobile machines to the processing plant where the material is processed and moved into stockpiles where it is stored on site for both internal and external sales by road registered trucks. The processed resource is primarily used for the manufacture of concrete for the construction industry. A small proportion of material is used for other purposes, including landscaping and filling etc.

3.1.3 Demolition

There has been no demolition works carried out during the reporting period.

3.1.4 Compliance

The Proponent has remained generally compliant over the reporting period. The Department conducted a Compliance Audit during the reporting period of which the findings are available on the Department of Planning and Environment's website.

The Department of Planning additionally has reviewed the site's environmental management plans and requested that the site address certain aspects of various plans. This correspondence was received towards the end of the reporting period and will be addressed during the subsequent reporting period and reported on the 2016 – 2017 Annual Review.

3.1.5 Water Management Systems

There has been substantial development in the site's water management. Firstly the riverbank repair works have been structural completed during the reporting period. The NOW will continue to be consulted with pending completion of the Riverbank Repair Vegetation Plan.

Secondly the *Water Management Improvement Program* has been progressively established during the reporting period. The system has substantially upgraded the water flows and water recycling over the site in general accordance with the *Water Management Improvement Program*. This will result has significantly reduced amount of water extracted from the Murrumbidgee River and discharge back into the river through the instillation of a water



recycling system at the quarry. The implementation of the *Water Management Improvement Program* will be assessed in respect to Project Approval Schedule 2, Condition 7 in respect to approval to excavate materials below the currently approved depth of 158m AHD.

3.1.6 Rehabilitation

Rehabilitation at Wagga Wagga quarry involves four major components;

- 1. <u>Maintain:</u> Predominately the site has maintained native vegetation where feasible. Vegetation along the river bank has for the most part of the quarry remained untouched. This vegetation is important to maintain structural stability along the river bank, particularly in times of high rainfall/river flows.
- 2. <u>Self-Seeding:</u> Self seeding has been successful over the site with saplings continuing to mature throughout the reporting period.
- 3. <u>Active Rehabilitation:</u> The project has not actively planted samplings during the reporting period. It is anticipated that saplings will be planted on the river bank upon completion of the repair works. This will be assessed in further detail at the time of riverbank completion; however planting will be consistent with the *Vegetation Management Plan Riverbank Repair*.
- 4. **Monitoring:** quarry management monitors existing vegetation and the progression and success of self-seeding on site as well as weeds on site.

3.1.7 Complaints

There were no complaints during the reporting period.

3.2 Proposed for the next reporting period

The following activities are proposed actions for the 2016 – 2017 reporting period. The results of these proposed actions will be reported on in the next Annual Review.

3.2.1.1 Extraction

Extraction will continue in the current pit (stage 1) throughout the next reporting period in the same manner as it is currents conducted (see **Section 3.1**).

3.2.1.2 Rehabilitation

Environmental management including continued weed management and seeding or planting of vegetation at the repaired river bank repaired area is expected to occur during the next reporting period.

3.2.1.3 Compliance

The Proponent will review management plans in accordance with response in June 2016 from the Department in respect to current management plans for the site. As this correspondence was received late in the reporting period, it has not been addressed in this report and the plans outlined in **Section 4** have been in operation for the entirety of the reporting period.



3.2.1.4 Water Management

Water Usage is expected to be calculated with the assistance of NSW Water in the next reporting period.

Logger 701 is expected to be presenting reliable data.

River Bank Repair: It is expected that the river bank will be completed finalised during the next reporting period to the satisfaction of NOW.

3.2.1.5 *Ecology*

The implementation of the *Vegetation Management Plan – Riverbank Repair* will be implemented upon completed of the riverbank repair works.





Figure 4: Wagga Wagga Quarry Project Stage 1





Results Annual Review

Wagga Wagga Quarry



4 Environmental Management, Monitoring and Performance

A summary of monitoring plans is provided in **Table 5**.

Table 5: Summary of Environmental Monitoring

Plan	Monitoring Frequency	Monitoring
Surface Water Monitoring Plan	Monthly	TSS
Air Quality - Management and Monitoring Plan	Monthly	Dust deposition
		5 Dust Deposition Gauges
	Continuous	Particulate matter < 10 μm (PM ₁₀)
		DustTrak Monitor
	Continuous	Meteorological monitoring via AWS on site.
Noise Monitoring Program	Commencement of each stage of extraction/development.	Unattended noise monitoring at the nominated sensitive receivers (NMP) for 7 days (site must be operating normally during the monitoring period).
	Commencement of each stage of extraction/development.	Operator attended monitoring at the nominated sensitive receivers for a minimum of two 15 minute periods during hours of operation (site must be operating normally during the monitoring period).
	In response to complaints	Operator attended monitoring at the receiver where complaint was received for a minimum of two 15 minute periods during hours of operation (site must be operating normally during the monitoring period).



Traffic and Transport Management Plan	Quarterly	Product materials transported from the site, including the date, time and tare weight of each product haulage vehicle dispatched from the site
Various Biodiversity Management Plans	Reported Annually, activities conducted as required.	Weeds & riverbank repair vegetation.



Figure 5: Monitoring Borehole at Wagga Wagga Quarry



4.1 Management Plans

As per the Project Approval, Hanson has developed Management Plans to provide ongoing guidelines for the life of the Project. Wagga Wagga Quarry has continued to implement Environmental Management Plans including;

- Comprehensive Water Audit (Evans & Peck; June 2012);
- Water Improvement Program (Evans & Peck; June 2012);
- Noise Management Plan (PAE Holmes, May 2012);
- Air Quality Management Plan (PAE Holmes; May 2012);
- Traffic Management Plan (Insite Planning, May 2012);
- Flora and Fauna Management Plan (M. Svinos, February 2012);
- Rehabilitation Management Plan (Hanson Construction Materials; September 2014).
- Waste Management Plan (Hanson Construction Materials; September 2014).
- Water Monitoring Program;
- Water Management Plan which includes;
 - Site Water Balance.
 - Erosion and Sediment Control Plan.
 - Surface Water Management Plan.
 - o Flood Management Plan.
 - Contingency measures.



4.2 Noise Management

4.2.1 Overview

The Proponent managed noise compliance through the project's Noise Management Plan and the Project Approval conditions of consent. The project has not progressed from stage 1 and therefore has not triggered the requirement to conduct additional noise monitoring.

There have been not noise complaints during the reporting period.

4.2.2 Relevant statutory requirements, limits or performance measures/criteria

4.2.2.1 Compliance with Development Approval

Conditions 1 – 4, schedule 3 of the Development Approval stipulates environmental performance conditions for the monitoring and management of noise for the project. The site's Project Approval specifies; operating hours (**Table 6**), impact assessment criteria (**Table 7**), operating conditions and the preparation of Noise Management Plan. Noise management for the project is based on these criteria.

Condition 3 and 4, schedule 3 of the Project Approval require the project to conduct regular assessment of noise monitoring. The Project Approval states that the proponent shall ensure that the noise generated by the project during operation does not exceed the criteria as replicated in **Table 6**. 'Day' is defined as the hours between 6:00am and 6:00pm Mondays to Friday and 8:00am to 1:00pm on Saturday but does not include public holidays. Approved operating hours are shown in **Table 7**.

Table 6 below specifies approved operating hours.

Table 6: Approved Operating Hours

Activity	Day	Time
	Monday – Friday (except Public Holidays)	6am – 6pm
	Saturdays	8am – 1pm
All quarrying operations		
	Sundays and Public Holidays	No activities
	Monday – Friday (except Public	6am – 6pm
Transportation off-site	Holidays)	
rransportation on-site	Saturdays	8am – 1pm



4.2.2.2 Noise Limits

Table 7 depicts a duplication of noise limits as per Project Approval condition 1, schedule 3.

Table 7: Noise Impact Assessment Criteria (dB(A) LA_{eq(15min)})

Location	Day
Kulleroo 2	39
Riverglen	40
All other privately owned land	36

4.2.3 Requirements of any plan or program required under this approval

4.2.3.1 Noise Management Plan

The Proponent commissioned PAE Holmes to prepare a Noise Management Plan for the Project. This Plan has been in operation of the entire reporting period.

The Noise management plan states that identification of unacceptable noise impacts will be triggered by an operator's observation during quarry operation or a noise complaint from adjacent neighbours. Identification of any significant sources of noise by investigation of operations will be undertaken and if required, activities and processes will be modified. Upon identification of an unacceptable noise impact event, corrective actions are implemented by the Site Manager. The following is an overview of the current practices employed on site to reduce noise.

Additionally should there be complaints relating to noise, the source(s) of the noise should be investigated, assessed and further mitigation measures identified and implemented where reasonable and feasible.

Table 8: Noise Management Plan Requirements

Monitoring Timing	Activity Monitored	
Commencement of each stage of the development	real-time unattended monitoring	
Will be undertaken if the real-time monitoring indicates that there is an exceedance of more than 2dB at any of the monitored sensitive receptors.	supplementary attended monitoring	
Carried out in response to complaints.	Operator Attended Monitoring	
Traffic noise monitoring was considered but deemed unnecessary (unless complaints are received) when the noise impact assessment results were considered.		



4.2.4 Results

Real time: The Project has not progressed to the next development stage and therefore has not triggered noise monitoring during the reporting period. The last noise monitoring undertaken 2012.

Supplementary attended monitoring: Not triggered.

Traffic: not applicable.

Complaints: no complaints made during the reporting period.

4.2.5 Monitoring results of the previous year/s

There has been no increase in complaints (internal and external) from previous years (Table 9).

Table 9: Noise Related Complaints

Previous Reporting Year	Internal complaints	External Complaints
2014 – 2015	Nil	Nil
2015 – 2016 (current)	Nil	Nil



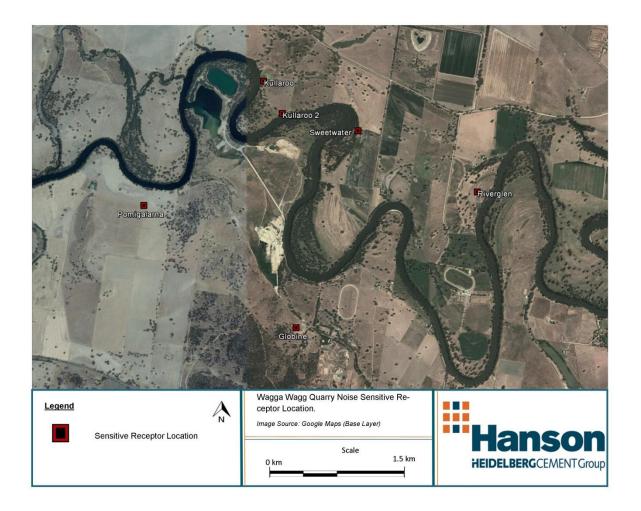


Figure 6: Noise and Air Sensitive Receptors.

4.2.6 Non Conformance and Corrective Actions

There were no instances of non-conformance and therefore no corrective actions required.

4.2.7 Measures implemented over the subsequent calendar year

The project will continue to employ the current management practices being;

4.2.7.1 Hauling Trucks

Speed limits are between the site office and Roach Road are maintained internally at 20km/h. The current speed limit of McNickle Road and Roach Road is 80km/h. These limits are adhered to by all drivers accessing the site thereby lessening the likelihood of increased noise impacts from fast moving vehicles. The haul road constructed for the new extraction area will create less internal traffic noise because it is designed to run a shorter distance between the processing plant and the extraction area.



4.2.7.2 Embankments

Embankments are established using the topsoil and overburden removed from the extraction zone at a height of 3.2 metres. The location of these bunds acts to block the direct line-of-sight to the nearest residence and will be completed before extraction in stage one takes place.

4.2.7.3 Mobile Equipment

All mobile equipment is turned off when not in use.



4.3 Air Quality Management

4.3.1 Overview

Over the reporting period Wagga Wagga Quarry has remained generally compliant with the Project's Air Quality Management Plan and Schedule 3, Condition 5 of the Project Approval Conditions (07_0069).

To adhere with the requirements of this plan, the proponent collects deposited dust monthly data from five dust deposition gauges on site, maintains a DustTrak monitor on site, and also maintains a weather station on site.

4.3.2 Statutory Requirements

4.3.2.1 Project Approval Conditions

Conditions 5 - 7, Schedule 3 of the Development Approval stipulate the environmental performance conditions for the monitoring and management of air quality for the project. The Development Approval stipulates air quality impact assessment criteria, operating conditions and specifications for the preparation of an air quality management plan.

The operation of the quarry must comply with conditions of air quality impact assessment criteria (Condition 5 of schedule 3 of the Project Approval), operating hours (condition 2 of schedule 3 of the Project Approval) and air quality management (conditions 6 and 7 of schedule 3 of the Project Approval). All reasonable and feasible avoidance and mitigation measures must be employed so that particulate matter emissions generated by the project do not cause an exceedance of the criteria shown in **Table 10, Table 11 & Table 12.**

Table 10: PM10 - Annual Limits

Pollutant	Averaging Period	^d Criteria	
Total Solid Particulates (TSP)	Annual	^а 90 µg/m ³	
Particulate matter <10 µm (PM ₁₀)	Annual	^a 30 μg/m ³	

Table 11: PM10 - 24 hour Limits

Pollutant	Averaging Period	[₫] Criteria
Particulate matter <10 µm (PM ₁₀)	24hr	^a 50 μg/m ³

Table 12: Deposited Dust - Annual and Monthly Limits

Pollutant	Averaging Period	Maximum Project Contribution	Maximum Total Deposited Dust Level
^C Deposited Dust	Annual	^b 2 g/m ² /month	^a 4 g/m ² /month



4.3.2.2 Air Quality Management Plan

The Air Quality Management Plan has been prepared by PEA Holmes in 2012 and has been adhered to during the reporting period. The management plan summary outlined in **Table 13** below is required to meet the objectives outlines the Wagga Wagga Quarry Management Plan.

The Management Plan is summarised by the following;

- Five Dust Deposition Gauges
- DustTrak Monitor (real time)
- Metrological Monitoring AWS

The Project's Dust Deposition Gauges have been moved during the reporting period (27th May 2016). **Figure 7**: *Location of DDGs until 27th May 2016* shows the locations of the DDGs prior to being relocated as per consultation with the EPA. **Figure 8**: *Relocated DDGs* shows the location of the DDGs from 27th May 2016 onwards.

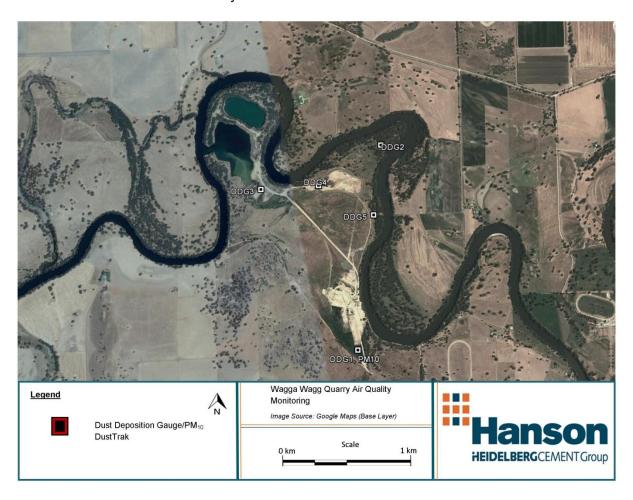


Figure 7: Location of DDGs until 27th May 2016



Figure 8: Relocated DDGs

4.3.2.3 Dust Management Controls

A dust event will be identified based on the below criteria;

- Visible fugitive emissions on the site; and/or
- Dust complaint from adjacent neighbours; and/or
- Exceedance in pre-determined trigger level of 0.2mg/m³ as measured by the PM₁₀
 Dustrak Monitor on site (see Figure 7).

Upon identification of a dust incident, one or more of the following corrective actions will be implemented by the Site Manager;

 Identification of any significant sources of emissions by visual inspections will be undertaken.



- If required activities and processes will be modified.
- If requested, air quality monitoring should be conducted at the complainant's property.
- Inspection of the DDT monitor to ensure accurate machine operation.

Specific dust management practices and mitigation measures in place to address sources are identified in Section 2.1 of the Air Quality Management Plan and are summarised below.

Hauling

When dusty conditions are identified by the Site Manager the water cart is sent out to water the haul roads. The frequency of watering is determined by the availability of staff to operate the water cart.

- Speed restrictions between the public road and site office are applied at 20 km/h;
- Loads are required to be covered when haul trucks exit the site;
- The new haul road (currently under construction) minimises the distance travelled by taking the most direct route from the new extraction area to the processing plant;
- The public road is sealed from the site entrance resulting in less wheel-generated dust from product haul trucks on public roads; and
- Speed limit on the public road is restricted to 80 km/h.

Extraction

• Due to the location of the quarry operation, the sand and aggregate is being extracted from below the water table therefore the moisture content of the product is high. This reduces the dispersion on dust around the site.

Processing

- Bins in the processing plant have three sided enclosures.
- Two of the four screens onsite have water piping that can be used to dampen the material during the screening process, if required
- Transfer of sand from the processing plant to the stockpile is occurs using a pipe that mixes the sand with water; therefore no emissions are produced during this process.

Wind Erosion

- The planting of the wildlife park adjacent to the operation acts as a windbreak near the stockpiles and other exposed areas.
- Overburden stockpiles are seeded during the course of the operation to reduce wind erosion.
- Progressive rehabilitation acts as a soil stabiliser, thereby reducing erosion rates and subsequent wind generated transfer of dust around site.



4.3.2.4 Air Quality Monitoring Program

The Project's Air Quality Monitoring Program measures air quality at representative locations in the vicinity of the quarry. This data will be collected and used to determine the impact of the Project and its operations on the surrounding air environment and compliance with Project Approval Conditions.

Table 13: Wagga Wagga Quarry Management Plan Summary

	Frequency of Sampling	Material Measured
		Dust deposition
Air Quality	Monthly	5 Dust Deposition Gauges
Management and		Particulate matter < 10 μm (PM ₁₀)
Monitoring Plan	Continuous	
		DustTrak Monitor
	Continuous	Meteorological monitoring via AWS on
	Continuous	site.

4.3.2.5 Dust Deposition Gauges

Five (5) dust deposition gauges have been maintained at the site since 2001 to determine dust deposition levels at the site. Dust deposition gauges (DDGs) are operated in accordance with:

- NSW OEH Approved methods for the sampling and analysis of air pollutants in NSW (NSW DEC 2005).
- Australia/New Zealand Standard: Methods for sampling and analysis of ambient air.

Monthly monitoring for dust deposition is conducted at five sites. The current locations of each dust deposition gauge (DDG) are illustrated in **Figure 7**.

The DustTrak monitoring device measures particulate matter <10 μ m (PM₁₀), taking data readings continuously every 15 minutes.

DDG1, DDG2, DDG3, DDG4 and DDG 5 are dust deposition gauges, that are externally analysed monthly by Charles Sturt University, providing results for Deposited Matter including ash, combustible matter, insoluble solids, soluble solids and total matter.

4.3.2.6 PM10

The DustTrak monitor as shown in **Figure 7** was commissioned on 30 October 2012. The DustTrak real-time data monitoring operates as an online system, whereby the site manager



and regional management are alerted to a "dust event" by email when the pre-determined trigger level is exceeded. DustTrak readings are available at all times via a username & password operated website.

4.3.3 Monitoring Results from previous years

4.3.3.1 Dust Deposition Gauges

Table 14: Monitoring results from previous years

Sampling Year	Number of monthly exceedances	Annual Average Insoluble Solids g/m²/month
		DDG 1: 1.6
2245 2242		DDG2: 4.0
2015 - 2016	6	DDG3: 2.7
		DDG4:2.2
		DDG5:2.1
		DDG 1: 2.2
		DDG2: 2.3
2014 - 2015	9	DDG3: 3.2
		DDG4:2.6
		DDG5:1.4
		DDG 1: 2.9
		DDG2: 1.5
2013 – 2014	8	DDG3: 3.6
		DDG4:4.3
		DDG5:2.0
		DDG 1: 3.9
		DDG2: 1.9
2012 – 2013	13	DDG3: 3.5
		DDG4:10.2
		DDG5:2.4

The number of exceedances in maximum total deposited dust has reduced since the previous reporting period. It is thought that this reduction is a reflection of the continued effective management of the riverbank repair works. It is anticipated dust level exceedances will decrease to during the subsequent reporting period as the riverbank repair works have been structurally completed. There will be some continued activity in this area associated with revegetating the riverbank.

4.3.3.2 PM₁₀ (DustTrak)

The DustTrak monitor has produced a large amount of erroneous data. The non-erroneous data is 4 days' worth and therefore no comparisons can be made with previous years.

Table 15: Air Quality Closest Sensitive Receptor Locations

Residence ID	Distance to Site Boundary	Distance to Processing Plant (m)	East (m)	North (m)
Kullaroo	0.2	1.7	527572	6117801
Sweetwater	0.2	1.4	528569	6117275
Riverglen	0.7	1.2	529831	6116625
Globine	0.5	1.0	527908	6115201
Pomigalarna	0.4	1.5	526301	6116493

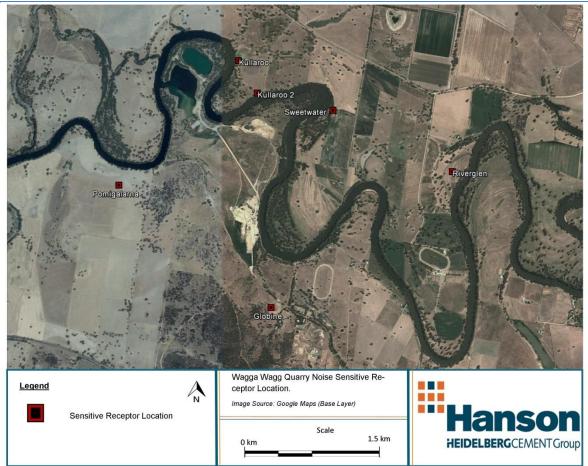


Figure 9: Air Quality Sensitive Receptor Locations

4.3.4 Results

4.3.4.1 Complaints

There have been no complaints during the reporting period.

4.3.4.2 Dust Deposition Gauges

Maximum Total Deposited Dust Level



The Maximum Total Deposition Dust Level of 4g/m²/month has been adopted as the exceedance level reported in this annual review.

Maximum Project Contribution

There is criterion stipulated for maximum Project Contribution at 2g/m²/month. This related to the incremental impact (i.e. incremental increase in concentrations due to the Project on its own). This has been assessed as an increase exceeding 2 g/m²/month from one month to the next.

Non-Compliance

There have been 6 non-compliances during the reporting period. The months March 2016 and April 2016 were not sampled separately as operational constraints prevented quarry management from collecting and transporting the results to the lab. The results presented in May 2016 are an average of these 3 months. The results from June 2016 have not been included as they were not available at the time of writing this report.

The non-compliances have been assessed in respect to operational and metrological constraints in **Table 16** below.

Table 16: Non-Compliances

Month	DDG ID	DDG ID and Reading	Operational and/or Metrological Constraints
September 2015	DDG2	11.7 ¹	Only 17.2 mm of rain fell (Wagga Wagga AMO) during the month of September. It is thought that the high readings from DDG 2 may be due to the gauges position under significant canopy cover. The gauge has been moved in May 2016 to address this. No results are available since the DDG was moved. Additionally the river bank repair works were underway during this time which had
			associated increases in traffic movement and dust over the site.
	DDG2	7.4 ¹	Despite November representing a high monthly rainfall total, there was no rainfall from the 15 th – 30 th November.
November 2015			It is thought that the high readings from DDG 2 may be due to the gauges position under significant canopy cover. The gauge has been moved in May 2016 to address this. No results are available since the DDG was moved.



	DDG3	6.1 ¹	Additionally the river bank repair works were underway during this time which had associated increases in traffic movement and dust over the site. DDG3 is located adjacent to the haul road accessed to repair the river bank. High traffic along this access road could
			contribute to the higher DDG reading November 2015.
January 2016	DDG5	4.3 ¹	DDG5 has shown a slight exceedance, likely due to the haulage traffic transiting from the pit to the processing plant. It is thought that this exceedance is not representative on normal on site air quality.
	DDG2	4.8 ¹	It is thought that the high readings from DDG 2 may be due to the gauges position under significant canopy cover. The gauge has been moved in May 2016 to address this. No results are available since the DDG was moved.
May 2016			Additionally the river bank repair works were underway during this time which had associated increases in traffic movement and dust over the site.
	DDG4	6.6 ¹	DDG 4 located near the pit. Exceedances are thought to be related to traffic movements extracting the material. DDG 4 has been relocated further from the pit in May 2016 to ensure that the readings are representative of site air quality.

¹Incremental exceedance as well as total DD level exceedance.

There are no proposed changes until an assessment of the DDG relocated data can be made. Until this time the water cart will operate on an as needs basis and the site manager will assess air quality.

4.3.4.3 PM10 results

There are circumstances when the DustTrak produces erroneous data. Erroneous data is that that is a negative number. These values have been excluded from both the short term 24hr average and long term annual average calculations expressed in Project Approval Schedule 3 condition 5. The DustTrak has been malfunctioning for the majority of the reporting period. Due to this the dustTrak was sent off for calibration mid-February 2016 – end of March 2016. At this time the DustTack was installed back on site, and still continued to produce erroneous data. This is currently being addressed with the manufacturer. The non-erroneous results occur 1 July 2015 – 4 July 2015 and have been assessed for this report.



4.3.4.4 Short Term PM₁₀ Monitoring

The DustTrak monitor records PM₁₀ readings every 15 minutes. The 24-hour criterion is 50 µg/m³. There were no exceedances in the 24 hour criterion.

4.3.4.5 Annual Limits

The average PM_{10} data was obtained from the DustTrak data. Readings are taken every 15 minutes. There are only four days of non-erroneous data however an assessment has been made. The annual average for PM_{10} for the reporting period was 25.8 μ g/m³. This complies with the 30μ g/m³ annual limit as outlined in the Development Approval (**Table 10**).

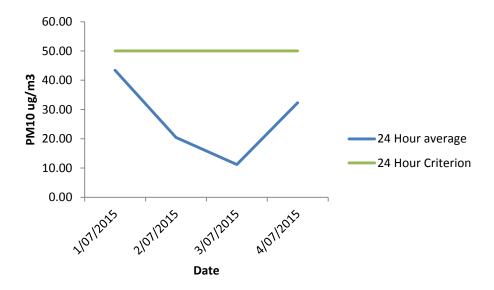


Figure 10: DustTrak Results (24-Hour Average)

4.3.5 Non Compliance

Non-compliance is triggered resultant of the following performance criterion

- 1. complaints from nearby sensitive receptor
- visible dust is seen by the crusher/screen operator or Site Manager beyond the weigh bridge
- 3. incidents of uncovered loads reported
- 4. material spilled / tracked onto the public road network
- 5. exceedances of the air quality criteria



4.3.6 Measures to be implemented over the next reporting period

The project will continue to manage air quality in conjunction with the air quality management plan. The project will also assess the monthly DDG results from June 2016 – June 2017 to determine if the relocated positions are suitable and reflective of site air quality.

The main air quality aim for the project will be to ensure the DustTrack monitor is operating efficiently during the reporting period.



4.4 Traffic Management

4.4.1 Overview

The Project has remained generally compliant with the Traffic Management Plan and the relevant Project Approval conditions. There were 12 instances (see **Appendix 12**) where the transportation movements exceeded the stipulated 6 movements per hour between the hours of 3pm – 6pm. These movements were 4 dispatches or 5 dispatches and in all circumstances when averaged over this 3 hour period, did not exceed 3 dispatches (i.e. 6 movements). There were no exceedances after 4pm.

4.4.2 Statutory Requirements

4.4.2.1 Compliance with Development Approval

Schedule 3, condition 17-20 of the Project Approval requires the proponent keep accurate records of transported product material, consult with the Roads and Maritime Services (RMS), Wagga Wagga City Council and the Community Consultative Committee (CCC) to appropriately reduce the speed limit along Roach Road, and to prepare and implement a Traffic Management Plan satisfying conditions stipulated within the Development Approval.

Schedule 2, Condition 5 b states;

The Proponent shall not permit more than six heavy vehicle movements per hour (total of all quarry haulage truck movements into and out of the site) between 3:00pm and 6:00pm on any weekday, unless in the case of emergency or under the direction of police or other relevant authority.

Recording

The Proponent is required to keep accurate records of the amount of product materials transported from the site, including the date, time and tare weight of each product haulage vehicle dispatched from the site; and make these records available on its website on a quarterly basis and include them in the Annual Review.

Heavy Vehicle Noise

The operating hours for transportation of materials off-site are reported in **Table 6** and are reproduced below;

Table 17: Duplication of Table 6 - Standard Operating Hours

Activity	Day	Time



All quarrying operations	Monday – Friday (except Public Holidays)	6am – 6pm
	Saturdays	8am – 1pm
	Sundays and Public Holidays	No activities
Transportation off-site	Monday – Friday (except Public Holidays)	6am – 6pm
	Saturdays	8am – 1pm
	Sundays and Public Holidays	No activities

4.4.2.2 Traffic Management Plan

The ensure compliance with Schedule 3, condition 19 of the Project Approval a Traffic Management Plan has been implemented which aim to;

- Encourage compliance and acceptance of the Truck Driver Code of Practice by all heavy vehicle drivers using the quarry;
- Minimise impacts on the community;
- Foster an understanding and awareness within the company of community expectations and legislative requirements;
- Protect and enhance public safety through compliance with relevant road rules; and
- Increase OH&S understanding in relation to fatigue, vehicle operation in public areas and obligation to the general public.

The objectives outlined in the Traffic Management Plan have been used in the reporting period (1 July 2013 – 30 June 2014) to appropriately manage project traffic and minimise its effect on the surrounding amenity and community.

4.4.2.3 Traffic Management Controls

General Requirements

Heavy vehicle drivers hauling from Wagga Wagga Quarry must:



- 1. Have undertaken a Site Induction carried out by an approved member of the quarry staff or suitably qualified person under the direction of the quarry management;
- 2. Hold a valid driver's licence for the class of vehicle that you operate;
- 3. Operate the vehicle in a safe manner within and external to the quarry site; and
- 4. Comply with the direction of authorised site personnel when within the site.

Heavy Vehicle Speed: Drivers are to observe the posted speed limits, with speed adjusted appropriately to suit the road environment and prevailing weather conditions, to comply with the Australian Road Rules. The vehicle speed must be appropriate to ensure the safe movements of the vehicle based on the vehicle configuration.

The speed limit within the quarry site is 20 km/h which is to be strictly maintained.

Heavy Vehicles Driver Fatigue: All heavy vehicle drivers operating out of the Wagga Wagga Quarry are to be aware of their adopted fatigue management scheme and operate within its requirements.

Heavy Vehicle Compression Braking: All heavy vehicle drivers operating out of the wagga wagga quarry are to ensure brakes are applied so as not to create excessive noise that could disturb local residents where possible.

There has been one reported instance of the use of compression braking on McNickle Road; however residents have advised that it is not an ongoing occurrence. All drivers were reminded of the need to avoid compression braking, other than for safety reasons, in the vicinity of the residential development.

Heavy Vehicle Noise: To reduce the impact of vehicle noise at commencement of the working day heavy vehicles waiting for the quarry to open are to wait with engines off when possible.

Load Covering: All trucks departing from the site loaded with material are required to have an effective cover over their load for the duration of the trip. The load cover may be removed upon arrival at the delivery site.

All care is to be taken to ensure that all loose debris from the vehicle body and wheels is removed prior to leaving the site.

Drivers must ensure that following tipping that the tailgate is locked before leaving the site.

Vehicle Departure and Arrival: To alleviate public concern and increase road safety heavy vehicles leaving the Quarry should be separated by a minimum five minute interval.

Breakdowns and Incidents: In the case of a breakdown the vehicle must be towed to the nearest breakdown point as soon as possible. All breakdowns must be reported to the RMS



Transport Management Centre (TMC) on 131700 and the vehicle protected in accordance with the Heavy Vehicle Drivers handbook.

Wiradjuri Walking Track and Pedestrians/Cyclists: Drivers are to be aware of the Wiradjuri Walking Track which has a road crossing point for pedestrians/cyclists in McNickle Road at the Bagley Road intersection and continues north down McNickle Road on the east side past the Roach Road intersection.

The location of the walking track and potential need to slow down when in the vicinity of pedestrians and cyclists is highlighted in the Traffic Management Plan and Truck Driver Code of Practice.

4.4.3 Results

4.4.3.1 Traffic Incident Register

Table 18: Traffic Incident Register

Date	Incident Details
There have been no recorded traff	ic incidents during the reporting period.

4.4.3.2 Code of Conduct Register

The site has three main drivers regularly operating vehicles on site. These three employees have been signed up to the driver code of conduct. Additional employees will be signed up when required.

Table 19: Code of Conduct Register

Transport Company	Number of Drivers Signed up to Date	
Hanson	Three (3)	

4.4.3.3 Traffic Transport Data

Traffic Transport data is provided in Appendix 1 and non-compliances identified in **Section**: **4.4.4** *Traffic Management Non-Conformances*.

4.4.4 Traffic Management Non-Conformances

Table 20: Traffic Management Non-Conformances

There were 12 instances (see **Appendix 12**) where the transportation movements exceeded the stipulated 6 movements per hour between the hours of 3pm – 6pm. These movements were 4 dispatches or 5 dispatches and in all circumstances when averaged over this 3 hour period, did not exceed 3 dispatches (i.e. 6 movements). There were no exceedances after 4pm.

Additionally there is no way to track the truck movements into the site as the site does not record when trucks enter the site, only when they exit the site (sales docket). Therefore the Proponent has had to apply a conservative figure of 3 dispatches per hour for compliance purposes; however, these dispatch movements into the site may have occurred outside of the



dispatch recorded hour. It is likely that instances where company trucks were used for sales, they may have been on site prior to the recorded dispatch time and therefore would not have "recorded" a movement into the site. This is unable to be determined using the available data, but suggests that the recorded exceedances are not significant.

Additionally there have been no traffic related complaints.

In light of the aforementioned points, these transport exceedances are not deemed to be significant; however the Proponent should endeavour to reduce exceedances in the next reporting period.

Table 21: Traffic Management Non-Compliance

Date	Time	Details of Non- Compliance	Truck Details
1/07/2015	3am – 4am	1 truck was pre-loaded from Hanson's call centre. The call centre has taken the order. The truck left the site at 6am when operations commence for the day.	Hanson Truck
3/2/2016	3pm – 4pm	5 dispatches	Hanson truck/s included in these movements
4/2/2016	3pm – 4pm	4 dispatches	Hanson truck/s included in these movements
10/02/2016	3pm – 4pm	4 dispatches	Hanson truck/s included in these movements
17/02/2016	3pm – 4pm	4 dispatches	Hanson truck/s included in these movements
7/04/2016	3pm – 4pm	4 dispatches	Hanson truck/s included in these movements
27/06/2016	3pm – 4pm	4 dispatches	Hanson trucks not included in these movements
7/08/2015	3pm – 4pm	4 dispatches	Hanson truck/s included in these movements
10/08/2015	3pm – 4pm	4 dispatches	Hanson truck/s included in these movements
28/08/2015	3pm – 4pm	5 dispatches	Hanson truck/s included in these movements



22/10/2015	3pm – 4pm	4 dispatches	Hanson truck/s included in these movements
16/11/2015	3pm – 4pm	5 dispatches	Hanson truck/s included in these movements
26/11/2015	3pm – 4pm	4 dispatches	Hanson truck/s included in these movements

4.4.5 Measures implemented over the next reporting period

The site will endeavour to maintain acceptable traffic and transport management. This will include the continuation of the following site specific mitigation measures.

- 1. Complaints register
- 2. Compliance with the driver code of conduct

The Proponent recognises the exceedance in hourly dispatch numbers and will endeavour to address this in the next reporting period.



4.5 Water Management

4.5.1 Overview

4.5.1.1 Flooding History at the Site

Wagga Wagga Quarry is located on the banks of a large meander of the Murrumbidgee River. Due to the locality of the quarry, it has been subject to two major flooding events.

- December 2010 where the Murrumbidgee River reached 9.702m (15.5 years ARI); and
- March 2012 in which the Murrumbidgee River reached 10.602m (58years ARI). Data was taken from the Wagga Wagga gauge (410001).

In both flooding events, inflow to Pit 1 occurred via the inlet spillway along the north-western side of the Pit, resulting in a free flowing opening between the Murrumbidgee River and quarry pit 2 (**Figure 11**).



Figure 11: 2010 and 2012 Flooding of Wagga Wagga Quarry



Wagga Wagga Quarry Water Management Plan and Water Monitoring Program have been submitted to the Department and are continued to be progressively implemented over the reporting period.

Wagga Wagga Quarry has made substantial progress implementing the water management system during the reporting period. The progress was assessed in June 2016 by Martens and Associates, with particular attention given to the river bank repair and the water management system improvements.

4.5.2 Statutory Approval

4.5.2.1 Development Approval

Schedule 3, condition 8 of the Project Approval states that the proponent is required to compose and submit a Water Audit of current and approved water management practices.

Schedule 3, condition 9 of the Project Approval states that the proponent is required to compose and submit a Water Improvement Program. This Improvement program will include a recycled water target of at least 50%.

Schedule 3, condition 14 of the Project Approval states that the proponent is required to prepare and implement a Water Management Plan for the management of site water balance, erosion and sediment control, surface water and flood management.

Schedule 3, condition 15 of the Project Approval states that the Proponent is required to prepare and implement a Water Monitoring Program which shall monitor and record site water balance and ground water impacts.

4.5.2.2 Environment Protection Licence

The Project is bound by the conditions stipulated in the sites Environmental Protection Licence (No 2433). The site has one discharge point in which the site discharges into the Murrumbidgee River.

Table 22: EPA Licence Conditions

Pollutant	Units of Measure	100 percentile concentration limit	Frequency of monitoring
Total suspended solids	Milligrams per litre	50	Upon discharge
Discharge must not exceed	350 kilolitres per hour.		

4.5.2.3 Water Management Plan

The Water Management Plan was prepared by Martens and Associates. The Plan includes;

- Water balance
- Erosion and sediment control plan



- Surface water management plan
- Flood management plan
- Contingency plan

The plan has been progressively implemented during the reporting period.

Table 23: Water Management Plan Actions

Water Management Plan Condition	Details	Compliance
Water Management and Balance	An annual water balance is required to ensure the site continues to operate with appropriate licenses	The site measures the amount of water that is 'taken' from the river. The water improvement system will enable the site to track and calculate water use on site. It is proposed that a water balance assessment will be undertaken annually after this is operational.
Sedimentation	Sediment fence and earth bund installation and maintenance constructed as required	Will be installed as required.
Sedimentation (rehabilitation)	Sediment fencing and straw bales should be installed where there is a risk of offsite migration of sediment laden runoff.	Not yet applicable.
Surface Water Management Plan	Upgrade of surface water management as per site design upgrade.	Water Improvement Program currently being implemented in accordance with the surface water management plan.

4.5.2.4 Water Monitoring Program

The site has been progressively implementing the Wagga Wagga Monitoring Program prepared by Martens and Associates and submitted to the DP&E in 2015. This monitoring plan will guide the management of surface and groundwater resources throughout the operational life of the quarry and ensure that the project adheres with the legislative requirements and guidelines relevant and applicable.

4.5.2.5 Water Access Licences

Wagga Wagga Quarry currently holds licences from the following sources:

- 40BL190719 and 40BL190720 for groundwater extraction of 360 ML/year; and
- WAL 3661 and WAL 3788 (and the associated Water Supply Works Approvals) entitled the quarry to pump 100 ML/year from the Murrumbidgee River.
- Additional temporary licence: 50ML from the Murrumbidgee River.

Details of water usage are reported in **Section 4.5.3.2** - *Usage* the below section.

4.5.3 Results

4.5.3.1 Levee Remediation Works



Approval has been granted from both Wagga Wagga City Council (March 2013) the NSW Office of Water (August 2013) for the upgrade of access track, construction of new riverbank, rehabilitation and revegetation of the Murrumbidgee River bank. Hanson appointed Martens Consulting Engineers to perform the required works for levee remediation and the works are in their final stages. The progress was assessed in June 2016 by Martens and Associates in June 2015. Figure 12 shows the river bank repair works at June 2016.





Plate 1: Vegetation covering the repaired river bank

Plate 2: Repaired river bank





Plate 4: Vegetation covering the repaired river bank

Figure 12: Riverbank Repair Works (May 2016)

4.5.3.2 Usage

Plate 3: Repaired river bank

The water usage through the site is thought to be incorrect due to faulty/non-calibrated water meters. This was discussed with Chris Shaw from NSW Water at a site visit and also on the telephone 24th June 2016. NSW Water will be conducting a site visit before the end of the 2016 financial year at which time an accurate figure pertaining to the take of water from the Murribidgee river will be calculated and presented to the Department of Planning upon request and presented in the next reporting period's Annual Review.



4.5.4 Groundwater Analysis

Groundwater monitoring bores were installed in June 2012 to assist in monitoring the effectiveness of the Water Management Improvement Program.

Wagga Wagga Quarry has five (5) active dipperLoggers on site, which for the most part operate effectively and accurately. The ground water monitoring bore data is recorded continuously every hour. This data is stored in the DipperLogger and is able is collected periodically and uploaded digitally. However the logger technology, at Wagga Wagga Quarry has malfunctioned at times especially over the past year and a half. An explanation of logger functionality is detailed in the table below;

Table 24: Logger operational status

	Logger ID	Operational Dates	Explanation
701		n/a	Logger 701 has recorded faulty compensated readings. Further assessment needs to be conducted on this logger.
702		01/07/2015 - 31/05/2016	Data complete (Figure 13)
704		01/07/2015 - 31/05/2016	Data complete (Figure 13)
705		01/07/2015 - 31/05/2016	Data complete (Figure 13)
707		01/07/2015 - 31/05/2016	Data complete (Figure 13)



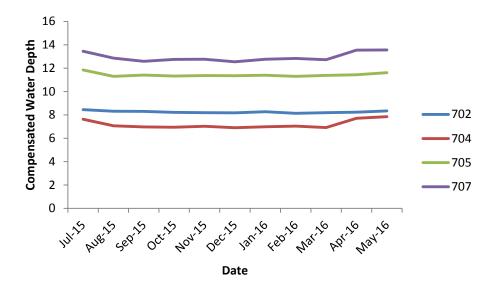


Figure 13: Logger Data 2015-2016



Figure 14: Location of Groundwater Monitoring Bores (no loggers in 706

4.5.5 Surface Water Analysis

Water is tested monthly from the "Settling Pond" and the "River". All results during the reporting period comply with the 50 mg/L EPL limits. There were no samples taken for the month of March 2016 and April 2016.

There were two months that were missed from the sampling regime, however these are not considered significant as all samples were complaint with TSS during the reporting period and there were no instances of discharge into the river during the reporting period.

4.5.6 Comparison with previous years reporting periods

4.5.6.1 Surface Water

Table 25: Comparison between previous reporting periods

Reporting Year	Exceedances
2014 – 2015	Nil



2015 – 2016 Nil

4.5.6.2 Groundwater Data

Table 26: 2015 - 2016 Data

Logger	Minimum Groundwater Level (mBGL)	Maximum Groundwater Level (mBGL)	Observed Range (m)	Mean
702	8.08	8.48	0.40	8.26
704	6.45	7.94	1.49	7.20
705	11.18	11.88	0.70	11.41
707	12.08	14.04	1.96	13.02

Table 27: 2014-2015 Data

Bore	Minimum Groundwater Level (mBGL)	Maximum Groundwater Level (mBGL)	Observed Range (m)	Mean
702	7.285	9.11	1.825	8.45
704	6.392	8.09	1.698	7.25
705	10.126	11.348	1.222	11.07
707	12.173	13.984	1.811	13.46

Results suggest that there is little difference in the mean water readings between the 2014-2015 and the 2015 - 2016 reporting period. The observed range is slightly smaller in 3 of 4 bore holes over the 2015-2016 reporting period.

4.5.7 Water Quality Management Non-Conformances

Table 28: Summary of Water Management Non-Conformances

Development Approval	Plan/Program	Compliance
Schedule 3 Condition 8	Comprehensive Water Audit	Yes: Findings presented in Evan's and Peck's Water Management Review.
Schedule 3 Condition 9	Water Improvement Program	Prepared in section 8 of Evan's and Peck's Water Management Review.



		Progressively being implemented*
Schedule 3 Condition 14	Water Management Plan	Yes – Submitted to the Department June 2015
Schedule 3 Condition 15	Water Monitoring Program	Yes – Submitted to the Department June 2015

^{*} Water Management Improvement Program was unable to be initiated until the current reporting period. Water improvement measures have been progressively implemented during the reporting period.

4.5.8 Works proposed for the next reporting period

The water management improvement system is proposed to be completely operational during the next reporting period. This will include the installation of gauges to track water movement and in particular water recycling over the site. This should reduce the amount of water extracted from the river and syphoned back to the river.

The site will continue to monitor the 5 groundwater bores and take surface water grab samples as required.



4.6 Flora and Fauna Management

4.6.1 Overview

The site operates in accordance with the Wagga Wagga Quarry Flora and Fauna Management Plan. The site has not conducted any vegetation clearance during the reporting period.

4.6.2 **Status**

Self-seeding has been the predominant rehabilitation strategy applied at Wagga Wagga quarry. Mature *Eucalyptus camaldulensis* dominate the banks of the Murrumbidgee River. Pollination by insects, birds and small mammals, enables the species to release numerous fertilised seeds per year. Should the conditions be acceptable, these seeds will germinate into viable saplings. The succession of vegetation in these areas will develop soil structure integrity and promote associated ecological system benefits.

The Project has engaged manual seedling over the river bank repaired area. Seed base of native grasses has been established with preliminary pleasing results. Planting of samplings is recommended upon completion of the river bank repair works. These species should be planted in accordance with the Rehabilitation Management Plan.

4.6.3 Weed Management

A Land Management Officer from Wagga Wagga City Council conducted a site visit to assess weeds at Wagga Wagga Quarry July 2014. The following was noted;

"At the time of the noxious weeds inspection being undertaken, no significant weeds issues were identified. Some low priority class weeds were found including Horehound and Bathurst Burr but infestations did not warrant further action from Wagga Wagga City Council's Vegetation management department. General hygiene practises on site were deemed satisfactory and actual excavation area free of weed material".

From this assessment, Wagga Wagga quarry will continue to operate as is current, which does not include active spraying or removal of weeds on site. Should weeds alter in terms of the species on site, or the spread of weeds, the quarry management will assess site applicable weed maintenance/removal measures.

4.6.4 Statutory Requirements

4.6.4.1 Project Approval

The Project Approval requires a rehabilitation management Plan. The Statement of Commitments stipulates the following (see **Section 4.6.4.2** *Statement of Commitments* for further details);

- Vegetation Clearance Management Plan
- Revegetation Plan
- Feral Animal Control Management Plan



Weed Management Plan

4.6.4.2 Statement of Commitments

The Project Approval includes a Statement of Commitments from the Proponent.

In order to minimise the impact of vegetation clearing the proponent will commission and commence a Vegetation Clearance Management Plan, Revegetation Plan, Feral Animal Control Management Plan, and Weed Management Plan prior to commencement of quarrying activities. These plans will be developed by a suitably qualified and experienced person and take into consideration the following:

- Implications of meta-population dynamics
- Implications of transitional zone dynamics
- Episodic high disturbance events
- Loss of functional role of species
- Clearing of native vegetation; and removal of dead wood and dead trees
- Bush rock removal
- Invasion of exotic perennial grasses
- Predation by European Red Fox , Feral Cats, and Rabbits

4.6.4.3 Environmental Management Plans

Flora and Fauna management plan for the Hanson Wagga Wagga Quarry Extension Project. The contents of this report will include a Vegetation Clearance Management Plan, Revegetation Plan, Feral Animal Control Management Plan and Weed Management Plan.

Table 29: Environmental Management Plans

Objective Outlined in Management Plan	Compliance over the reporting period
Clearing of native vegetation, hollow stumps and fallen timber	
Any hollow logs currently present within Cell 1 of the proposal will be removed and stockpiled for use in restoration following the completion of extraction at each stage. Logging waste will be stockpiled on the outer of Cell 1 (to the North-East) away from the area which is to be excavated for the quarry pit.	Logs were re-allocated on site.
Vegetation to be retained outside of the extraction areas will be fenced off to protect it from machinery.	Rehabilitation area has been fenced off.
	Vegetation is excluded by the strategic construction and use of haul roads on site and identified workings areas, preventing off road transit.
Top soil will be stockpiled and used in rehabilitation work as each stage is exhausted. It is expected that Cell 1 and about 80m to the south will be filled back to the existing ground level and revegetated on completion of extraction in Cell 1. The remainder of Cells 2 and 3 will be flooded and used for water storage upon their completion of extraction.	Top soil is stockpiled when it is not used for works on site directly. Cell 1 has not been exhausted and therefore the majority of this recommendation has not been triggered.



Quarry sand and gravel material will be extracted using a 40T excavator and material will be transported to the crushing plant in the south of the property via 35T dump trucks.	Noted.
The banks of each stage will be revegetated with native plant species similar to the surrounding vegetation community (river red gum forest/woodland), ultimately resulting in a series of dams similar to the restored area in the north-west of the existing Pit 1.	Not yet triggered.
A fauna expert/trained wildlife rescue person will be called in the event that any wildlife is found during the removal of the hollow bearing tree within Cell 4. This person will be trained in handling and identification of a range of fauna, particularly birds and bats and be vaccinated for rabies as protection against the bat lyssavirus.	Not triggered
Revegetation and prevention of f	eral animals
Baiting of rabbits, foxes and cats within the confines of the quarry as required.	Not required during the reporting period
Areas outside the quarry pit areas that are revegetated, including the riparian vegetation along the Murrumbidgee River, will be fenced to prevent cattle from entering. Fences will be maintained in good repair and will be regularly patrolled. The use of barbed wire will be avoided as squirrel gliders and other fauna are known to become tangled and could suffer a long and painful death.	The fences around the property were replaced following the 2012 Floods. The fences are inspected by quarry staff approximately every quarter. In addition, the adjacent landholder inspects fencing regularly as part of his cattle farming operations.
Revegetation will allow a natural regrowth of trees, shrubs and groundcovers. River Red Gums are likely to spread from local seed, however shrubs and groundcovers may need to be planted. Only species natural to the River Red Gum Forest/Woodland will be planted.	Noted
New hauls roads will be constructed to eliminate and impact on existing riparian habitats.	The site uses designated haul roads
Weed management conf	trol
Systematic surveys and inspections of land within the control area.	Quarry manager informally surveys the site for weeds on a regular basis.
Plan strategic weed management programs for the control area and keep records of such programs	During the 2014 – 2015 reporting period, Wagga Wagga Quarry was inspected for weeds by Wagga Wagga City Local Council. It was deemed that no significant weeds were identified on site and general hygiene practises on site were deemed satisfactory and actual excavation area free of weed material.
Treat weeds with an herbicide registered for control in the manner according to the label or any permit for that herbicide.	During the 2014 – 2015 reporting period, Wagga Wagga Quarry was inspected for weeds by Wagga Wagga City Local Council. It was deemed that no significant weeds were identified on site and general
	hygiene practises on site were deemed satisfactory and actual excavation area free of weed material.
Coordinate the implementation of weed management plans.	hygiene practises on site were deemed satisfactory and actual excavation area



4.6.4.4 Vegetation Management Plan for the Riverbank Repair

A Vegetation Management Plan for the Riverbank Repair was prepared June 2013 by Geoff Cunningham Natural Resource Consultants Pty Ltd. This plan suggested;

- The re-establishment of a native tree cover which is similar in composition and spacing, to that already present.
- Such species to be planted would comprise mainly *Eucalyptus camaldulensis* (River Red Gum) with a few trees of *Casuarina cunninghamiana* (River Oak).
- Any introduced shrubs and trees such as Blackberry, Briar Rose, fruit trees, exotic
 ornamentals or Willows should be treated with herbicide to remove them from the area
 being revegetated as soon as they appear.

As the levee remediation works are nearing completion. The recommendations from the VMP are yet to be completely implemented. It expected to occur during the next reporting period and will be recorded in the next Annual Review report (1 July 2016 – 30 June 2017).

4.6.4.5 Rehabilitation Management Plan

The objective outlined the rehabilitation management plan should be adhered to for the reporting period.

4.6.5 Monitoring results of previous years

There have been significant changes from previous reporting periods to the current reporting period (2015-2016).

4.6.6 Compliance

There were no non-conformances during the reporting period. Weed management is adequate on site and the riverbank will be rehabilitated in accordance with the vegetation management plan when the works have been finalised.

4.6.7 Measures proposed for the next reporting period

The proponent will completely revegetate the river bank area in accordance with *Vegetation Management Plan for the Riverbank Repair.*



4.7 General Review of the Data

4.7.1 Trends in the data

To ensure that the Project is operating in accordance with progressive environmental outcomes, Hanson compares environmental data obtained during this reporting period with that of previous years to identify any trends or abnormalities. There were no identified major alteration in data projection from this reporting period in comparison to pervious years and regional data.

4.7.2 Predicted and Actual Impacts

At this early stage in the project life, there are no identified discrepancies between predicted and actual impacts. Should such discrepancies arise, the Proponent will report on the relevant matters in subsequent Annual Review Reports and in expert reports (as required).

4.7.3 Comparison with the EA

Overall the data obtained from the current environmental modelling is reasonably consistent with that of the EA.



Figure 15: Echidna sighted at Wagga Wagga Quarry



5 Community Relations

5.1 Stakeholder and Community Consultation

The Wagga Wagga Quarry Community Consultative Committee (WWQCC) was established in accordance with the NSW Government *Guidelines for Establishing and Operating a Community Consultative Committee for Mining Projects* (Guidelines), (Department of Planning 2007). The committee is made up of representatives of the following:

- Riverview Estate 4 representatives
- Hanson 2 representatives, plus a minute taker
- Chair Independent Chair
- Wagga Wagga City Council 1 representative

There have been no CCC meetings held during the reporting period. The agreement to discontinue meetings was due to lack of continued interest in the project. Should community interest escalate/return, Wagga Wagga quarry will resume meetings.



6 Incident Reporting

Hanson shall notify the relevant government authorities of any incident associated with the Quarry immediately after the Company becomes aware of the incident, as per the Wagga Wagga Quarry Pollution Incident Response Management Plan. Within 7 days of the date of the incident, Hanson will provide the relevant agencies with a detailed report on the incident.

There have been no reportable incidents in the last reporting period.



7 Conclusion

Hanson has incorporated environmental monitoring and management as an integral component in the operations at Wagga Wagga Quarry. This is shown in Project Approval compliance and lack of complaints pertaining to the project. Hanson's major concern since the 2012 flooding event has been the repair of the riverbank to ensure project compliance and facilitation of the return to standard quarry practices. This reporting period has documented structural completion of these works and the implementation of the *Water Management Improvement Program*.

The project will continue extraction in cell 1 during the next reporting period utilising the same extraction and processing methods.

Hanson's Wagga Wagga Quarry has been operating based on a collegial relationship between the surrounding amenity, community and environment and will endeavour to continue this over the project life.



Appendix A

Transport Movements

Wagga Wagga Quarry Annual Review



Calendar day	Calendar month			3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18
1/07/2015	7	2015	24	1			1	3	2	5	2	2		2	4	2		
	Result		24	1			1	3	2	5	2	2		2				
2/07/2015	7	2015	18					2		5	1	2		5	2			
	Result		18					2		5	1	2	1	5	2			
3/07/2015	7	2015	20							1	6	3	4	3	2	1		
	Result		20							1	6	3	4	3	2	1		
6/07/2015	7	2015	22					4	3	2	1	1	3	4	2	2		
	Result		22					4	3	2	1	1	3	4	2	2		
7/07/2015	7	2015	8					2		1	2	1		1	1			
	Result		8					2		1	2	1		1	1			
8/07/2015	7	2015	5							2		2	1					
	Result		5							2		2	1					
9/07/2015	7	2015	10					1		3		2		1	3			
	Result		10					1		3		2		1	3			
10/07/2015	7	2015	2						1		1							
	Result		2						1		1							
13/07/2015	7	2015	7						1	3	2				1			
	Result		7						1	3	2				1			
14/07/2015	7	2015	11					1	5	3			1	1				
	Result		11					1	5	3			1	1				
15/07/2015	7	2015	5					•	1	_	2			1	1			
	Result		5						1		2			1	1			
17/07/2015	7	2015	8					1		1	2	1	1	1	1			
	Result		8					1		1	2	1	1	1	1			
20/07/2015	7	2015	12							1	1	1		1	2			
20/01/2013	Result	2010	12							. 1		1		1	2			
21/07/2015	7	2015	7					1		2	2	1			1			
21/01/2013	Result	2010	7					1		2	2	1			1			
22/07/2015	7	2015	1							_		'	1					
22/07/2013	Result	2013	1															
23/07/2015	7	2015	4						2					1	1			
23/07/2013	Result	2013	4						2									
24/07/2015	7	2015	10					2	2	2	2			1	'			
24/07/2015	Result	2015	10							2	2		1	3				
25/07/2015	7	2015	6						4	2	2		'	3				
25/07/2015		2015	6						4		2							
07/07/0045	Result 7	0045	9						4		2							
27/07/2015		2015						1		1	3	2		2				
00/07/0045	Result	0045	9					1		1	3	2		2				——
28/07/2015	7	2015	21					4	2	1			12			1		
***************************************	Result		21					4	2	1		_	12	1		1		
29/07/2015	7	2015	16					1	3	1		5	1	2	1	2		
	Result		16					1	3	1		5	1	2	1	2		
30/07/2015	7	2015	7					1	2	1	1		1	1				
	Result		7					1	2	1	1		1	1				
31/07/2015	7	2015	10					1		2		1		2	2	1		
	Result		10					1		2	1	1		2	2	1		
3/08/2015	8	2015	6					1	1	1	1		1			1		
	Result		6					1	1	1	1		1			1		
4/08/2015	8	2015	7					2				1	1		1	2		
	Result		7					2				1	1		1	2		
5/08/2015	8	2015	12					1	1	5	2		1	1	1			
	Result		12					1	1	5	2		1	1	1			
6/08/2015	8	2015	5					1				1	1	1	1			
	Result		5					1				1	1	1	1			
7/08/2015	8	2015	24					2	2		6	2	1	4	3	4		
	Result		24					2	2		6	2	1	4	3	4		
8/08/2015	8	2015	2										2					

												_					
	Result		2									2					
10/08/2015	8	2015	18				1	1	1		1	1	3	6	4		
	Result		18				1	1	1		1	1	3	6	4		
11/08/2015	8	2015	19				3	2	2	2	3	1	3	2	1		
	Result		19				3	2	2	2	3	1	3	2	1		
12/08/2015	8	2015	12				1	3	1	3	1	1	1	1			
	Result		12				1	3	1	3	1	1	1	1			
13/08/2015	8	2015	4				1	1	1				1				
	Result		4				1	1	1				1				
14/08/2015	8	2015	15				3	1	3	2	1		2	2	1		
	Result		15				3	1	3	2	1		2	2	1		
15/08/2015	8	2015	6				2	1	2	1							
	Result		6				2	1	2	1							
17/08/2015	8	2015	13				2	3	2	. 2	2	1		1			
17700/2010	Result	2010	13				2	3	2	2	2			1			
18/08/2015	8	2015	16					3	4	2	2	1	2	1			
18/06/2015		2015					'	2	1	2	3	3	2				
	Result		16				1	2	1	2	3	3	2	1		1	
19/08/2015	8	2015	13				2		1	1	3	1	1	3	1		
	Result		13				2		1	1	3	1	1	3	1		
20/08/2015	8	2015	22				4	2	5	1	3	4	2		1		
	Result		22				4	2	5	1	3	4	2		1		
21/08/2015	8	2015	Е				1		1	1		1		2			
	Result		6				1		1	1		1		2			
24/08/2015	8	2015	7				2	1	2	1		1					
	Result		7				2	1	2	1		1					
25/08/2015	8	2015	1				1										
	Result		1				1										
26/08/2015	8	2015	9				1			1	1	1	2	2	1		
20/00/2010	Result	2010	9										2	2			
27/08/2015	8	2015	6								1	1					
21/06/2015		2015					'				2	3					
	Result		6				1				2	3			_		
28/08/2015	8	2015	12				1	1			1	2	1	1	5		
	Result		12				1	1			1	2	1	1	5		
29/08/2015	8	2015	1					1									
	Result		1					1									
31/08/2015	8	2015	14				2	2	1	2		2	3		2		
	Result		14				2	2	1	2		2	3		2		
1/09/2015	9	2015	15			2	2	1	2	2	1			1		4	
	Result		15			2	2	1	2	2	1			1		4	
2/09/2015	9	2015	18				2	1	1	4	3	3	3		1		
	Result		18				2	1	1	4	3	3	3		1		
3/09/2015	9	2015	7	1			1	3	1	1					1		
3/3/2010	Result	2010	7				1	3	. 1	1					1		
4/09/2015	9	2015	11				- 1	2	2	- 1		2	2	- 1	<u>'</u>		
7103/2013	Result	2010	11				4	2	2	- 1		2	2	1			
7/00/2015		2045					1	2	2	1		2	2	1	_		
7/09/2015	9	2015	18				2	1	2	2		2	3	3	3		
	Result		18				2	1	2	2		2	3	3	3		
8/09/2015	9	2015	13				1	1	1	3	1	1	2	3			\vdash
	Result		13				1	1	1	3	1	1	2	3			igsquare
9/09/2015	9	2015	16				1	3	3	3	3			3			
	Result		16				1	3	3	3	3			3			
10/09/2015	9	2015	12				1	2		2		3	1	3			
	Result		12				1	2		2		3	1	3			
11/09/2015	9	2015	12				1		3	1	1	2	2	1	1		
	Result		12				1		3	1	1	2	2	1	1		
14/09/2015	9	2015	13				1				3	1	4	2	2		
	Result		13				1				3	1	4	2	2		
15/09/2015	9	2015	28				- 1	4	2	А	1			2	- 4		
10/00/2010	Result	2010	28				1	1	2	4	4	4	8	3	1		
40/00/0045		0045					1	1		4	4	4	8	3	1		
16/09/2015	9	2015	20				1	1	1	4	5		4	3	1		
	Result		20				1	1	1	4	5		4	3	1		
17/09/2015	9	2015	13				3		2	2	1		2	3			igsquare
	Result	ı	13	1	i e		3	ı	2	2	1 1	1	2	1 3		i e	1

	r .				-											$\overline{}$
18/09/2015	9	2015	14			1	1	1	1	3		3	2	2		
	Result		14			1	1	1	1	3		3	2	2		
19/09/2015	9	2015	8			1	3	3	1							1
	Result		8			1	3	3	1							
21/09/2015	9	2015	11				4	2	1	1	1	1		1		
	Result		11				4	2	1	1	1	1		1		
22/09/2015	9	2015	18			2		4	1	4	2	3	2			
	Result		18			2		4	1	4	2	3	2			
23/09/2015	9	2015	10			- 3	1	4	1	1	_	_	_			
23/03/2013	Result	2013	10			2		4								
24/09/2015		2015	11			3	1	3	'	'						
24/09/2015	9	2015				2	2		1	1				2		
	Result		11			2	2	3	1	1				2		
25/09/2015	9	2015	17			3	4	2	2	1	3	1		1		
	Result		17			3	4	2	2	1	3	1		1		
26/09/2015	9	2015	1				1									1
	Result		1				1									1
28/09/2015	9	2015	14			1	2	2	5	1	1			1	1	1
	Result		14			1	2	2	5	1	1			1	1	
29/09/2015	9	2015	16	1		2	1	1	2	4	2	2	1	1		
	Result		16	İ		2	1	1	2	4	2	2	1	1		
30/09/2015	9	2015	23			2	3	2	2	2	1	3	1	2		
33.33.20.0	Result	20.0	23			2	2	2	2	2	4	2	1	2		
4/40/0045		2045					3		3		4	3				
1/10/2015	10 Result	2015	9						1	1	2	3	1	1		
			Ü						1	1	2	3	1	1		
2/10/2015	10	2015	19				3		2	2		5	6	1		
	Result		19				3		2	2		5	6	1		
3/10/2015	10	2015	1				1									
	Result		1				1									1
6/10/2015	10	2015	8			1	1	1	3	1	1					1
	Result		8			1	1	1	3	1	1					
7/10/2015	10	2015	16			3	1	2	1	2	2	3	2			
	Result		16			3	1	2	1	2	2	3	2			
8/10/2015	10	2015	11			3	1	1	1	1	1	1	1	1		
	Result		11			3	1	1	1	1	1	1	1	1		
9/10/2015	10	2015	12			2		2								
3/10/2013	Result	2013	12			2		2	2	-		2				
10/10/2015		2015	3													
10/10/2015	10	2015	3				1	1		1						
	Result		-				1	1		1						
12/10/2015	10	2015	19			1	1	2	2	3	1	3	3	3		
	Result		19			1	1	2	2	3	1	3	3	3		
13/10/2015	10	2015	14			1	1	2		5		2	1	2		
	Result		14			1	1	2		5		2	1	2		1
14/10/2015	10	2015	9			1			1	2		3		2		1
	Result		9			1			1	2		3		2		
15/10/2015	10	2015	10			2	1	2		1		3		1		
	Result		10			2	1	2		1		3		1		
16/10/2015	10	2015	16			3	1	1			1	2	5	3		
	Result		16			3	1	1			1	2	5	3		
17/10/2015	10	2015	2	 			1	1						Ů		
	Result	_310	2	 			1	1								
19/10/2015	10	2015	16				2	, ,				-	-			
19/10/2013		2010	16			1	2	1	1	4	4		1			
00/40/0045	Result	0045		ļ		1	2	1	1	4	4	2	1			
20/10/2015	10	2015	11			1			1		1	4	3	1		
	Result		11			1			1		1	4	3	1		
21/10/2015	10	2015	14			3		1	2		4	3		1		
	Result		14			3		1	2		4	3		1		
22/10/2015	10	2015	21			4		3	1	4	3	1	1	4		
	Result		21			4		3	1	4	3	1	1	4		
23/10/2015	10	2015	22			2	1	3	4	1	4	3	3	1		
	Result		22			2	1	3	4	1	4	3	3	1		
24/10/2015	10	2015	1					1								
	Result	***	1	 				1								
26/10/2015	10	2015	11	+		4		'	4		-		2	2		
20/10/2013	IU	2010	11	1		1		- 1	1	1	2	l	3			

												_					
	Result		11				1		1	1	1	2		3	2		
27/10/2015	10	2015	9						1	2	4	1			1		
	Result		9						1	2	4	1			1		
28/10/2015	10	2015	9)						2	3	2	1	1			
	Result		9							2	3	2	1	1			
29/10/2015	10	2015	20)			4	1	1	1	2	5	5	1			
	Result		20)			4	1	1	1	2	5	5	1			
30/10/2015	10	2015	9				2		2		2		2	1			
	Result		9				2		2		2		2	1			
31/10/2015	10	2015	2					1		1							
	Result		2					1		1							
2/11/2015	11	2015	13						1			2	-	2	1		
2/11/2013	Result	2013										2	5	2			
			13					1	1	1		2	5	2	1		
3/11/2015	11	2015	11				3	1	1		2	1	3				
	Result		11				3	1	1		2	1	3				
4/11/2015	11	2015	14				1	1	5	1	3	1	1	1			
	Result		14				1	1	5	1	3	1	1	1			
5/11/2015	11	2015	15	i			1	2	1	2	4	2	2	1			
	Result		15				1	2	1	2	4	2	2	1			
6/11/2015	11	2015	11					1		2	3	3	1	1			
	Result		11					1		2	3	3	1	1			
9/11/2015	11	2015	18				3	3	1	1	1	3	3	1	2		
	Result		18				3	3	1	1	1	3	3	1	2		
10/11/2015	11	2015	18				1	1	1	1	2	5	3	3	1		\vdash
	Result		18				1	1	1	1	2	5	3	3	1		
11/11/2015	11	2015	23				2	2	3	2	5	4	3	2			
11/11/2010	Result	2013	23				2	2	3	2	5	- 4	3	2			\vdash
12/11/2015	11	2015	19				2	2	2	2	5	4	3	2			
12/11/2015		2015					_	2	_	2	3	3	2	1	1	1	-
	Result		19				2	2	2	2	3	3	2	1	1	1	
13/11/2015	11	2015	12				1	2	1		2	2	2	2			
	Result		12				1	2	1		2	2	2	2			
16/11/2015	11	2015	24				1	4	1	2	2	4	3	2	5		
	Result		24				1	4	1	2	2	4	3	2	5		
17/11/2015	11	2015	19				2	3	3	1	1	5	1	1	2		
	Result		19)			2	3	3	1	1	5	1	1	2		
18/11/2015	11	2015	20)			1		4	2	4	3	2	3	1		
	Result		20)			1		4	2	4	3	2	3	1		
19/11/2015	11	2015	12				1	1		2	1	4		2	1		
	Result		12				1	1		2	1	4		2	1		
20/11/2015	11	2015	17				3				2	3	7	2			
	Result		17				3				- 2	3	7	- 2			
21/11/2015	11	2015	2				Ŭ				- 1	1		-			\vdash
21/11/2013	Result	2013									'	1					
			2										_				
23/11/2015	11	2015	20				2	1		3	3	3	2	4	2		
	Result		20				2	1		3	3	3	2	4	2		\vdash
24/11/2015	11	2015	17			1	2	1	2	1	1	4	3	1	1		\vdash
	Result		17			1	2	1	2	1	1	4	3	1	1		\vdash
25/11/2015	11	2015	25				2	1	2	2	5	2	4	4	2	1	igwdow
	Result		25				2	1	2	2	5	2	4	4	2	1	
26/11/2015	11	2015	5	i				1							4		
	Result		5	i				1							4		
27/11/2015	11	2015	9				1		1		1	1	3	2			
	Result		9				1		1		1	1	3	2			
28/11/2015	11	2015	2				1		1								
	Result		2				1		1								
30/11/2015	11	2015	13				2	2	1	3	1	1	1	2			\vdash
00/1/2010	Result	2010	13				2	2	1	2	4	4	- 1	2			\vdash
1/12/2015	12	2015	13					2	- 1		_				_		\vdash
1/12/2013	12 Result	2010					1	1	1	2					2		
0/40/0045		0045	13				1	1	1	2	. 2	- 2	. 2	-	. 2		
2/12/2015	12	2015	14					1		2	2	2	1	3	3		\vdash
	Result		14					1		2	2	2	1	3	3		\vdash
3/12/2015	12	2015	14				1	2	1	3	1	2	1	3			igwdow
	Result		14	II.	l		1	2	1	3	1	2	I 1	3	1	1	1

4/12/2015	12	2015	ę)				2	1	2	1	1		2			
	Result		9					2	1	2	1	1		2			
5/12/2015	12	2015	ŧ	5				1	1	2	1						
	Result		Ę	i				1	1	2	1						
7/12/2015	12	2015	13	3			2	2	1	1	1	1	2	3			
	Result		13				2	2	1	1	1	1	2	3			
8/12/2015	12	2015	11				3	2		1		5					
0/12/2010	Result	2010	11				3	2				5					
0/42/2045	12	2015					3		2			3	2	2	4		\vdash
9/12/2015		2015	14				3		3				2	2			
	Result		14				3	1	3		1	1	2	2	1		
10/12/2015	12	2015	13				2	2	2	1	1	1	1	2	1		
	Result		13				2	2	2	1	1	1	1	2	1		
11/12/2015	12	2015	16				3	2	3	2	2		2	1	1		
	Result		16	6			3	2	3	2	2		2	1	1		
14/12/2015	12	2015	9				1	1	1	1	1		1	2	1		
	Result		٤				1	1	1	1	1		1	2	1		
15/12/2015	12	2015	17					5	1	2	2	2	2	1	1	1	
	Result		17					5	1	2	2	- 2	- 2	1	1	1	
16/12/2015	12	2015	14				2	Ū		2	2	- 1	2		2		
10/12/2013	Result	2010	14				2		- 1	2	2	4	2		2		\vdash
17/10/0015		2045							1	- 3	- 2	1	3	-	- 2		\vdash
17/12/2015	12	2015	22				3	2	1	6	2	2	3	2	1		igwdown
	Result		22				3	2	1	6	2	2	3	2	1		
18/12/2015	12	2015	15				1	2	1	3	3	1	1	2	1		
	Result		15	5			1	2	1	3	3	1	1	2	1		
19/12/2015	12	2015	4					1	1	2							
	Result		4					1	1	2							
21/12/2015	12	2015	11				1	2	2		3	2		1			
	Result		11				1	- 2	- 2		3	- 2		1			
22/12/2015	12	2015	10				. 1	2	2		Ü	-	1	2	-1		
22/12/2013	Result	2013	10				1	3	2				1	2			
							1	3	_	_					'		
23/12/2015	12	2015	22			1	3	4	2	5	3	3	1				
	Result		22			1	3	4	2	5	3	3	1				
4/01/2016	1	2016	16					2	2	1	2	3	1	2	1	2	
	Result		16	6				2	2	1	2	3	1	2	1	2	
5/01/2016	1	2016	6	6				1	1	1	1		2				İ
	Result		6	6				1	1	1	1		2				
6/01/2016	1	2016	7	·				1	1	1	1		2	1			
	Result		7					1	1	1	1		2	1			
7/01/2016	1	2016	11				2	1		2	1		2	2		1	
	Result		11				2	1		2	1		-	2		1	
8/01/2016	1	2016	10				1	1		1		1	1	2	2		
8/01/2010		2010					'							2	2	'	
	Result		10				1	1		1		1	1		2	1	
9/01/2016	1	2016	2				2										
	Result		2				2										
11/01/2016	1	2016	14				1	1	3	1	1		4	1	2		
	Result		14				1	1	3	1	1		4	1	2		
12/01/2016	1	2016	13	3			2	3	1	3	1		2	1			
	Result		13	3			2	3	1	3	1		2	1			
13/01/2016	1	2016	15				2	5	1	1		1	3		1	1	
	Result		15				2	5	1	1		1	3		1	1	
14/01/2016	1	2016	4				1			1		1		1			
1 1/01/2010	Result	2010					. 1							1			
15/01/2016	1	2016	7				- 1	4	2	'		<u>'</u>	-	<u>'</u>			\vdash
13/01/2010		2010		+			1	1			1		- 2				\vdash
	Result		7				1	1	2		1		2				\vdash
16/01/2016	1	2016	1												1		igwdown
	Result		1												1		
18/01/2016	1	2016	16				1	1		3	3	2	4	2			
	Result		16				1	1		3	3	2	4	2			
19/01/2016	1	2016	14					4	2	1	3		3	1			
	Result		14					4	2	1	3		3	1			
20/01/2016	1	2016	11				2	2	1	3	_	1	1	1			
	Result		11				2	2	- 1	2		- 1	- 1	- 1			\vdash
	1	2016	15				4		1		2	<u>'</u>	,		2		\vdash
21/01/2016																	

												_						
	Result		15					1	4	1	1	2		2	1	3		
22/01/2016	1	2016	13					2	2	1	2	2		2	2			
	Result		13					2	2	1	2	2		2	2			
25/01/2016	1	2016	11					3	1	1	1		1	1	3			
	Result		11					3	1	1	1		1	1	3			
27/01/2016	1	2016	2	2										1	1			
	Result		2											1	1			
28/01/2016	1	2016	11					1	1	2	2	2	1	1	1			
	Result		11					1	1	2	2	2	1	1	1			
29/01/2016	1	2016	15					4	1		5	1		3		1		
	Result		15					4	1		5	1		3		1		
30/01/2016	1	2016	2								1	1						
00/01/2010	Result	2010	2								1	1						
1/02/2016	2	2016	8					-1	1	-1		,	1	2				
1/02/2010	Result	2010	8						- '	'				2				-
0/00/0040		2012						1	1	1		2	1	2				
2/02/2016	2	2016	11					4	3			1			3			
	Result		11					4	3			1			3			
3/02/2016	2	2016	15						1	2	3	1	1		1	5	1	
	Result		15						1	2	3	1	1		1	5	1	
4/02/2016	2	2016	21					2	1	1	2	3	1	2	5	4		
	Result		21					2	1	1	2	3	1	2	5	4		
5/02/2016	2	2016	12	2				2	1		3	1	1	1	1	2		
	Result		12					2	1		3	1	1	1	1	2		
6/02/2016	2	2016	1									1						
	Result		1									1						
8/02/2016	2	2016	11					3		2	1			1	3	1		
	Result		11					3		- 2	1			1	3	1		\vdash
9/02/2016	2	2016	19				2	2	3	1	1	3	3	2	3		2	,
5/02/2010	Result	2010	19				2	2	3	1		3	3	2			2	+
40/00/0040		0040	18				2		3	'	- 1	3	3	2			2	\vdash
10/02/2016	2	2016						1	2	1	1	2	1	2	4	4		
	Result		18					1	2	1	1	2	1	2	4	4		
11/02/2016	2	2016	26					3	6	2	2	2	2	1	5	2	1	
	Result		26					3	6	2	2	2	2	1	5	2	1	
12/02/2016	2	2016	26					3		5	5	4	1	3	3	1	1	
	Result		26	5				3		5	5	4	1	3	3	1	1	
13/02/2016	2	2016	3	3					1	2								
	Result		3	3					1	2								
15/02/2016	2	2016	13	3				1	3	2	2	1	1	2	1			
	Result		13					1	3	2	2	1	1	2	1			
16/02/2016	2	2016	21					1	5	1	2	2	2	1	1	3	3	,
	Result		21					1	5	1	2	2	2	1	1	3	3	
17/02/2016	2	2016	37				3	2	3		6	- 2	- 3	2		- 4	2	,——
11/02/2010	Result	2010	37				3	2	3	4	6	2	3	2	6	4	2	
40/00/0040		0040					3		3		- 0		3			4		-
18/02/2016	2 Decut	2016	22					2	4	5	1	4	1		1	3	1	\vdash
12/22/2	Result		22						4	5	1	4	1		1	3	1	\vdash
19/02/2016	2	2016	22					2	4	4	2	2	1	2	2	2	1	
	Result		22	1				2	4	4	2	2	1	2	2	2	1	
20/02/2016	2	2016	1											1				
	Result		1											1				
22/02/2016	2	2016	17					3	4	3	1		2	1	1	1	1	
	Result		17	1				3	4	3	1		2	1	1	1	1	
23/02/2016	2	2016	6							1		1			2	2		
	Result		6	6						1		1			2	2		
24/02/2016	2	2016	10					1	1	1	1	1	1	1	1	1	1	
	Result		10					1	1	1	1	1	1	1	1	1	1	
25/02/2016	2	2016	12					4	1	1	1		1	1	1	2		
	Result	20.0	12					4	4	- 1	- 1		- 1	1	- 1	2		\vdash
26/02/2016	2	2016	19			 		4	-	2	- 1	_			<u>'</u>			
20/02/2010		2010							-	2	4	3	2	2		1		
	Result		19						5	2	4	3	2	2		1		
27/02/2016	2	2016	4						1	1	1	1						
	Result		4						1	1	1	1						
29/02/2016	2	2016	13	3	1	1		2	2	2		1	I	3		3	I	
23/02/2010	Result		13															

1/03/2016	3	2016	24	1			1	3	2	3	3	2	3	5	2		
	Result		24	1			1	3	2	3	3	2	3	5	2		
2/03/2016	3	2016	19	9			2	3	2	2	4	1	3	1	1		
	Result		19				2	3	2	2	1	1	3	1	1		
0/00/0040		2016					2	3	2		4		5	1	1		
3/03/2016	3	2016	23			1	3	1		1	4	1	5		2	1	
	Result		23			1	3	1	2	1	4	1	5	2	2	1	
4/03/2016	3	2016	19				2	2	2	2	3	2	2	4			
	Result		19	9			2	2	2	2	3	2	2	4			
7/03/2016	3	2016	13	3			1	2	2	3		1		1	3		
	Result		13				1	2	2	3		1		1	3		
8/03/2016		2016	13					-	-	2	-		2		, i		
8/03/2016	3	2016					1	1		2	5	1	2	1			
	Result		13				1	1		2	5	1	2	1			
9/03/2016	3	2016	25			2	3	4	2	1	3	2	3	4	1		
	Result		25	5		2	3	4	2	1	3	2	3	4	1		
10/03/2016	3	2016	17	7			1	3	2	1	2		2	3	2	1	
	Result		17				1	3	2	1	2		2	3	2	1	
11/03/2016	3	2016	12				2	ŭ	-		_		-	-	-		
11/03/2016		2016					2		3	2			3	1	1		
	Result		12				2		3	2			3	1	1		
14/03/2016	3	2016	15	5			2	1	1		2		3	3	2	1	
	Result		15	5		 	2	1	1		2		3	3	2	1	
15/03/2016	3	2016	17				2	1	4	4	2	1	1	2			
	Result		17				2	1			2	1	1	2			
16/02/2016		2016						_	4	- 4		- '	-				
16/03/2016	3	2016	15				2	6		1	1	1	2	1	1		
	Result		15				2	6		1	1	1	2	1	1		
17/03/2016	3	2016	18	3			2	1	2	3	3	1	4	2			
	Result		18	3			2	1	2	3	3	1	4	2			
18/03/2016	3	2016	2	,				2									
	Result		2					2									
							_	2					_	2			
21/03/2016	3	2016	17				3	1	1	3	2	1	2	2	1	1	
	Result		17				3	1	1	3	2	1	2	2	1	1	
22/03/2016	3	2016	25	5			2	2	3	2	4	3	4	4	1		
	Result		25	5			2	2	3	2	4	3	4	4	1		
23/03/2016	3	2016	24				2	1	2	3	3	5	5	3			
23/03/2010	Result	2010	24				2		2	3	-	5	5	3			
							2		_	3	3	5	5	3			
24/03/2016	3	2016	16				3	2	2			2	5	2			
	Result		16	6			3	2	2			2	5	2			
29/03/2016	3	2016	12	2			2	3	1	1	1	1	2	1			
	Result		12	2			2	3	1	1	1	1	2	1			
30/03/2016	3	2016	26				2	2	2	3	4	2	4	4	2	1	
30/30/2010		2010					2	2	2	2		2			2		
	Result		26					_	2	3	4		4	4			
31/03/2016	3	2016	39	1		1	2	6	3	8	5	4	4	4	1	1	
	Result		39			1	2	6	3	8	5	4	4	4	1	1	
1/04/2016	4	2016	23	3			2	8	2	5	2		1	2	1		
	Result		23	3			2	8	2	5	2		1	2	1		
4/04/2016	4	2016	11				2	- 1		2	2	1	1	2			
	Result		11				2				-	-	-	2			
5/04/0040	4	0040						1				 	1				
5/04/2016		2016	19		ļ	 	3	2	4	3	1	1	2	1	2	ļ	
	Result		19				3	2	4	3	1	1	2	1	2		
6/04/2016	4	2016	19				1	3	4	1	2	1	3	1	2	1	<u> </u>
	Result		19	9			1	3	4	1	2	1	3	1	2	1	
7/04/2016	4	2016	27				2	1	1	1	3	3	6	5	4	1	
	Result		27				2		4	- 1	-	2	-	5		4	
0/04/0040		0040							1	1	3	3	6	5	- 4	1	+
8/04/2016	4	2016	23				2		3	4	3	1	3	5			
	Result		23				2	2	3	4	3	1	3	5			
9/04/2016	4	2016	2	2					1	1							
	Result		2	2					1	1							
11/04/2016	4	2016	16				2	2		3	2	-1	1	2	2		
	Result	20.0	16							-	-	 	 	2	-		
10/01/0010							2	2		3	3	1	1	2	2		
12/04/2016	4	2016	24				3	1	1	4	5	1	4	5			
	Result	<u> </u>	24		<u> </u>		3	1	1	4	5	1	4	5		<u> </u>	<u> </u>
13/04/2016	4	2016	13	3			3	2	1	2	3	1		1			
															•		
	Result		13	3			3	2	1	2	3	1		1			
14/04/2016	Result 4	2016	13 13				3	2	1	2	3	1		1	2		

					1	_		_	_					_		
	Result		13			2		2	2	1			4	2		
15/04/2016	4	2016	15			2		2	3	2		2		2		
	Result		15			2	2	2	3	2		2		2		
16/04/2016	4	2016	1					1								
	Result		1					1								
18/04/2016	4	2016	18			2	3	2	3	2	2	1	1	2		
	Result		18			2	3	2	3	2	2	1	1	2		
19/04/2016	4	2016	10			3		1	1	2	2			1		
	Result		10			3		1	1	2	2			1		
20/04/2016	4	2016	16			3	2	2	3	2	1	2	1			
	Result		16			3	2	2	3	2	1	2	1			
21/04/2016	4	2016	22			3	2	1	2	2	4	2	4	2		
	Result		22			3	2	1	2	2	4	2	4	2		
22/04/2016	4	2016	16			2	4	. 2	1	1		3	. 2	-		+
22/04/2010	Result	2010	16			2	- 4	2		1		3	2			+
26/04/2016	4	2016	20			- 2	4			,	'	3				
20/04/2010	Result	2010	20			4			5			- '				
07/04/0040	Result 4	2012				4	4		5	4		1	1	1		
27/04/2016		2016	17			2	1	1	4	3	1	2	3			
	Result		17			2		1	4	3	1	2	3			
28/04/2016	4	2016	25			2	1	2	5	5	2	1	4	3		
	Result		25			2	1	2	5	5	2	1	4	3		
29/04/2016	4	2016	16			3	2	1	1	3	3	2	1			
	Result		16			3	2	1	1	3	3	2	1			
2/05/2016	5	2016	17			1		3	3	1	2	2	2	3		
	Result		17			1		3	3	1	2	2	2	3		
3/05/2016	5	2016	13			2	1	2	2		1	1	3	1		
	Result		13			2	1	2	2		1	1	3	1		
4/05/2016	5	2016	22			2	5	2	4	3	4			2		
	Result		22			2	5	2		3				2		
5/05/2016	5	2016	17			3	2	2		1	·	1	3	1		
3/03/2010	Result	2010	17			3	2	2	4				3			
0/05/0040	5	2016	21			3	2	2	4		0	- 1	3	1		
6/05/2016		2016				1			3	1	2	5	6	3		
	Result		21			1			3	1	2	5	6	3		
9/05/2016	5	2016	18				2	3	5	1	2	3	2			
	Result		18				2	3	5	1	2	3	2			
10/05/2016	5	2016	9			1	1	3	2	1	1					
	Result		9			1	1	3	2	1	1					
11/05/2016	5	2016	8			1		1	3	2			1			
	Result		8			1		1	3	2			1			
12/05/2016	5	2016	5			2				1	1	1				
	Result		5			2				1	1	1				
13/05/2016	5	2016	19			4	3	1	1	3	1	3	2	1		
	Result		19			4		1	1	3	1	3	2	1		
16/05/2016	5	2016	18			3		1	4	3	2	1	3	1		
	Result		18			3		1	1	3	2	1	3	1		+
17/05/2016	5	2016	10			1		'	- 4	2	2	<u> </u>	2	- 1		
11/00/2010	Result	2010	10			1			1	2	3		2	1		
10/05/0040		0040				1			1		3			1	<u> </u>	
18/05/2016	5	2016	10			2		1		3		1	1		1	.——
	Result		10			2	1	1		3		1	1		1	+
19/05/2016	5	2016	12			1	2		3	2		1	2	1		
	Result		12			1	2		3	2		1	2	1		
20/05/2016	5	2016	16			1	1	1	2	2	3	3	2	1		
	Result		16			1	1	1	2	2	3	3	2	1		
21/05/2016	5	2016	1						1							
	Result		1						1							
23/05/2016	5	2016	17				1	2	2	4	2	1	1	2	2	2
	Result		17				1	2	2	4	2	1	1	2	2	2
24/05/2016	5	2016	13			2	2	_	1	2	_	3	1	2		
	Result	20.0	13			2	2		1	2		3	1	2		
25/05/2016		2016	10						-		_	2				+
2010012010	5 Decut	2016				1	2			1	3	2	1			
	Result		10			1	2			1	3	2	1			
26/05/2016	5 Result	2016	8				1	1		1	2	1	1		1	

27/05/2046	5	2016	12	ı						^) 2			
27/05/2016		2016					1	2	1	3		2	2 2			
	Result		12				1	2	1	3		2				
30/05/2016	5	2016	13			1	1	2	1	4	1	1	1 2			
	Result		13			1	1	2	1	4	1	1	2			
31/05/2016	5	2016	11			2	2			1	1	3	3 1	1		
	Result		11			2	2			1	1	3	3 1	1		
1/06/2016	6	2016	20			2	2	2	3	5	1	1	1 1	2	1	
	Result		20			2	2	2	3	5	1	1	1 1	2	1	
2/06/2016	6	2016	22			4	3	1	3	4		3	3 1	3		
	Result		22			4	3	1	3	4		3	3 1	3		
3/06/2016	6	2016	1								1					
	Result		1								1					
4/06/2016	6	2016	4					2			1	1	ı			
	Result		4					2			1	1	I			
6/06/2016	6	2016	15			1		2	3	1	3	2	2 3			
	Result		15			1		2	3	1	3	2	2 3			
7/06/2016	6	2016	10				1	2	2	3		1	1 1			
	Result		10				1	2	2	3		1	1 1			
8/06/2016	6	2016	7					1	1		1	2	2 1	1		
	Result		7					1	1		1	2	2 1	1		
9/06/2016	6	2016	9			2		1	2	1		2	2 1			
	Result		9			2		1	2	1		2	2 1			
10/06/2016	6	2016	11			1	2	1		4	1	1	1 1			
	Result		11			1	2	1		4	1	1	1 1			
14/06/2016	6	2016	12			1			3	2	1	3	3	2		
	Result		12			1			3	2	1	3	3	2		
15/06/2016	6	2016	13			3		1	1	2	1	1	1 2	2		
	Result		13			3		1	1	2	1	1	1 2	2		
16/06/2016	6	2016	19			1	2	3	2	5	2	1	1 2	1		
	Result		19			1	2	3	2	5	2	1	1 2	1		
17/06/2016	6	2016	13			1		5	2	2	1		1	1		
	Result		13			1		5	2	2	1		1	1		
20/06/2016	6	2016	10					1	6	2			1			
	Result		10					1	6	2			1			
21/06/2016	6	2016	6			1					1	3	3 1			
	Result		6			1					1	3	3 1			
Overall Result			3,524 1		14	397	385	379	443	443	343	444	1 391	243	41	
O TOTALI TODAL			0,021		1.7	331	303	313	770	773	040	77	. 331	240	71	

Wagga Wagga Quarry Transport by Date, Time and Tare Weight



Calendar day	Truck	Total Tare W	No of Dlvs	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
4/01/2016	FOL2991	18,80 TO	2						1				1				
	PCA2849	14,46 TO	3												1		
	PCA2855	14,34 TO	7						1	2	1	1	1			1	
	ZX	11,50 TO	4									1	1	1	1		
5/01/2016	PCA2849	14,46 TO	5						1	1	1	1		1			
	ZX	11,50 TO	1											1			
6/01/2016	PCA2849	14,46 TO	3						1	1	1						
	ZX	11,50 TO	4									1		2	1		
7/01/2016	PCA2855	14,34 TO	9					1	1		2	1		1	2		
	ZX	11,50 TO	2					1						1			
8/01/2016	PCA2855	14,34 TO	7										1	1	2	2	
	ZX	11,50 TO	3					1	1		1						
9/01/2016	PCA2855	14,34 TO	2					2									
11/01/2016	PCA2849	14,46 TO	3											2	1		
	PCA2855	14,34 TO	4						1					1		2	
	ZX	11,50 TO	7					1		3	1	1		1			
12/01/2016	PCA2849	14,46 TO	7					1	1	1	2			2			
	ZX	11,50 TO	6					1	2		1	1			1		
13/01/2016	PCA2849	14,46 TO	4						1				1	2			
	ZX	11,50 TO	11					2	4	1	1			1		1	1
14/01/2016	PCA2849	14,46 TO	2					1					1				
	ZX	11,50 TO	2								1				1		
15/01/2016	PCA2849	14,46 TO	7					1	1	2		1		2			
16/01/2016	PCA2849	14,46 TO	1													1	
18/01/2016	FOL29FW	17,22 TO	1								1						
	PCA2849	14,46 TO	6					1	1			1	1	1	1		
	ZX	11,50 TO	9								2	2	1	3	1		
19/01/2016	FOL29FW	17,22 TO	1												1		
	PCA2849	14,46 TO	6						1	1	1	1		2			
	PCA3970	16,40 TO	2									2					
	ZX	11,50 TO	5						3	1				1			
20/01/2016	PCA2849	14,46 TO	5					1	1	1	2						
	PCA2855	14,34 TO	3										1	1	1		
	ZX	11,50 TO	3					1	1		1						
21/01/2016	PCA2849	14,46 TO	9					1	1	1	1	1		1	1	2	
	PCA2855	14,34 TO	2						2								
	ZX	11,50 TO	4						1			1		1		1	
22/01/2016	PCA2849	14,46 TO	8					1	1		2	1		1	2		
	PCA2855	14,34 TO	3						1	1		1					
	ZX	11,50 TO	2					1						1			
25/01/2016	PCA2849	14,46 TO	8					1		1	1		1	1	3		
	ZX	11,50 TO	3					2	1								
27/01/2016	ZX	11,50 TO	2											1	1		
28/01/2016	PCA2849	14,46 TO	6						1	1	1	1	1	1			
	ZX	11,50 TO	5					1		1	1	1			1		
29/01/2016	PCA2849	14,46 TO	7					1	1		2			2		1	
	PCA2855	14,34 TO	4					2			2						
	ZX	11,50 TO	4					1			1	1		1			

30/01/2016	PCA2849	14,46 TO	1								1						
	ZX	11,50 TO	1									1					
Result			216					26	32	19	31	22	11	37	22	11	5
1/02/2016	FOL2991	18,80 TO	1											1			
	PCA2849	14,46 TO	7					1	1	1		2	1	1			
2/02/2016	PCA2849	14,46 TO	6					1	2			1			2		
	PCA2855	14,34 TO	2					2									
	ZX	11,50 TO	3					1	1						1		
3/02/2016	PCA2849	14,46 TO	7						1		2		1		1	1	1
	ZX	11,50 TO	8							2	1	1				4	
4/02/2016	FOL2991	18,80 TO	1												1		
	PCA2849	14,46 TO	7					1	1		1	1			2	1	
	ZX	11,50 TO	13					1		1	1	2	1	2	2	3	
5/02/2016	PCA2849	14,46 TO	9					1	1		1	1	1	1	1	2	
	ZX	11,50 TO	3					1			2						
6/02/2016	PCA2849	14,46 TO	1									1					
8/02/2016	PCA2849	14,46 TO	7					1		2				1	2	1	
	ZX	11,50 TO	4					2			1				1		
9/02/2016	FOL23CB	16,20 TO	1											1			
	PCA2849	14,46 TO	13				2	1	3	1	1	1	1	1			2
	PCA3970	16,40 TO	2									2					
	ZX	11,50 TO	3					1					2				
10/02/2016	FOL23CB	16,20 TO	1						1								
	PCA2849	14,46 TO	12					1	1	1	1	1	1		2	4	
	ZX	11,50 TO	5									1		2	2		
11/02/2016	FOL23CB	16,20 TO	1						1								
	PCA2849	14,46 TO	7						1	1	1		1	1	1		1
	PCA2855	14,34 TO	4						2			2					
	ZX	11,50 TO	14					3	2	1	1		1		4	2	
12/02/2016	FOL2991	18,80 TO	1												1		
	FOL29FW	17,22 TO	1												1		
	PCA2849	14,46 TO	8					2		1	1	1		1	1	1	
	PCA2855	14,34 TO	2											2			
	ZX	11,50 TO	14					1		4	4	3	1				1
13/02/2016	PCA2849	14,46 TO	3						1	2		_					
15/02/2016	PCA2849	14,46 TO	4					1	1	1				1			
	ZX	11,50 TO	9						2	1	2	1	1	1	1		
16/02/2016	DAV2YZR	16,10 TO	1														1
	PCA2849	14,46 TO	8						2			1	1		1	2	1
	PCA2855	14,34 TO	2						2								
	ZX	11,50 TO	10					1	1		2	1	1	1		1	1
17/02/2016	DAV2YZR	16,10 TO	10				1	1	1	1	1		1	1	1	1	1
	FOL29FW	17,22 TO	1				·	<u> </u>		<u> </u>	·				1		
	PCA2849	14,46 TO	10				2	1	1	1	1		1	1	,	1	1
	ZX	11,50 TO	16					<u> </u>	1	2	4	2	1		4	2	
18/02/2016	DAV2YZR	16,10 TO	10					1	2		1	2			·	2	
	ZX	11,50 TO	12					1	2		<u> </u>	2			1	1	1
19/02/2016	DAV2YZR	16,10 TO	9					<u> </u>	2		1		1	1	1	1	1
. 5, 02, 20 10	PCA2849	14,46 TO	1							 	1					'	
	ZX	11,50 TO	12					2	2	3	<u> </u>	2		1	1	1	
20/02/2016	DAV2YZR	16,10 TO	1					-		l "				1		'	
22/02/2016	PCA2849	14,46 TO	7					1	1	 	1			1	1	1	1
22/02/2010	PCA2855	14,34 TO	4						2		<u> </u>		2	'	'	'	
	ZX	11,50 TO	6					2	1								
		11,50 10		I	1	1	1			3	1		1				

23/02/2016	PCA2849	14,46 TO	1					1							
	ZX	11,50 TO	5							1			2	2	
24/02/2016	PCA2849	14,46 TO	8			1		1	1	1		1	1	1	1
	ZX	11,50 TO	2				1				1				
25/02/2016	PCA2849	14,46 TO	3			1	1					1			
	ZX	11,50 TO	9			3		1	1		1		1	2	
26/02/2016	PCA2849	14,46 TO	4				2		1	1					
	ZX	11,50 TO	15				3	2	3	2	2	2		1	
27/02/2016	ZX	11,50 TO	4				1	1	1	1					
29/02/2016	FOL29FW	17,22 TO	2				1					1			
	PCA2855	14,34 TO	6				1	1		1		1		2	
	ZX	11,50 TO	5			2		1				1		1	
Result			368		5	39	52	44	39	38	25	30	41	41	14
1/03/2016	PCA2849	14,46 TO	2						1					1	
	PCA2855	14,34 TO	6				1	1	1		1	1	1		
	ZX	11,50 TO	16			1	2	1	1	3	1	2	4	1	
2/03/2016	PCA2849	14,46 TO	4							1	1	1		1	
	PCA2855	14,34 TO	1			1									
	ZX	11,50 TO	14			1	3	2	2	3		2	1		
3/03/2016	DAV2YZR	16,10 TO	1		1										
	PCA2849	14,46 TO	8			1	1	1		1	1	1		1	1
	PCA3970	16,40 TO	2							2					
	ZX	11,50 TO	12			2		1	1	1		4	2	1	
4/03/2016	PCA2855	14,34 TO	6				1	1	1	1		1	1		
	ZX	11,50 TO	13			2	1	1	1	2	2	1	3		
7/03/2016	PCA2849	14,46 TO	5			1		1	1		1			1	
	ZX	11,50 TO	8				2	1	2				1	2	
8/03/2016	PCA2855	14,34 TO	6				1		1	2		1	1		
	ZX	11,50 TO	7			1			1	3	1	1			
9/03/2016	FOL23CB	16,20 TO	2				1				1				
	PCA2849	14,46 TO	11		1	2	1	1	1	1	1	2	1		
	PCA2855	14,34 TO	6		1			1		2			1	1	
	ZX	11,50 TO	6			1	2					1	2		
10/03/2016	PCA2849	14,46 TO	10				2	1	1	2		1	1	1	1
	ZX	11,50 TO	7			1	1	1				1	2	1	
11/03/2016	PCA2849	14,46 TO	7			1		2	2			2			
	ZX	11,50 TO	5			1		1				1	1	1	
14/03/2016	PCA2849	14,46 TO	5			1		1		1		1	1		
	ZX	11,50 TO	10			1	1			1		2	2	2	1
15/03/2016	PCA2849	14,46 TO	7			1		1	2		1	1	1		
	ZX	11,50 TO	10			1	1	3	2	2			1		
16/03/2016	FOL29FW	17,22 TO	2				1				1				
	PCA2849	14,46 TO	3			1	1		1						
	ZX	11,50 TO	10			1	4			1		2	1	1	
17/03/2016	PCA2849	14,46 TO	5			1		1	1		1	1			
	ZX	11,50 TO	13			1	1	1	2	3		3	2		
18/03/2016	PCA2849	14,46 TO	1				1								
	ZX	11,50 TO	1				1								
21/03/2016	PCA2849	14,46 TO	7			1		1	1	1		1	1	1	
	PCA2855	14,34 TO	2								1	1			
	ZX	11,50 TO	8			2	1		2	1			1		1
22/03/2016	PCA2849	14,46 TO	8			1	1	1	1	1	1		1	1	
	ZX	11,50 TO	17			1	1	2	1	3	2	4	3		
23/03/2016	PCA2849	14,46 TO	4			1		1	1	1					

			_		1	1	 			1						
	PCA2855	14,34 TO	5					1	1		1	1	1			
	ZX	11,50 TO	15				1			2	1	4	4	3		
24/03/2016	FOL29FW	17,22 TO	2						1				1			
	PCA2849	14,46 TO	3										3			
	PCA2855	14,34 TO	4				1					1		2		
	ZX	11,50 TO	7				2	2	1			1	1			
29/03/2016	FOL2991	18,80 TO	1											1		
	PCA2849	14,46 TO	2						1	1						
	PCA2855	14,34 TO	3				1					1	1			
	ZX	11,50 TO	6				1	3			1		1			
30/03/2016	PCA2849	14,46 TO	8				1	1	1	1	1		1	1	1	
	ZX	11,50 TO	18				1	1	1	2	3	2	3	3	1	1
31/03/2016	PCA2849	14,46 TO	9			1		2	1	1	1	1		2		
	PCA2855	14,34 TO	8				1		1	2		1	2			1
	PCA3970	16,40 TO	2								1	1				
	ZX	11,50 TO	20				1	4	1	5	3	1	2	2	1	
Result			391			4	40	47	38	45	51	31	59	50	20	6
1/04/2016	PCA2849	14,46 TO	5					2			1			2		
	PCA2855	14,34 TO	2					2								
	ZX	11,50 TO	16				2	4	2	5	1		1		1	
4/04/2016	PCA2849	14,46 TO	8				2				2	1	1	2		
	ZX	11,50 TO	3					1		2						
5/04/2016	FOL2991	18,80 TO	1						1							
	FOL29FW	17,22 TO	1						1							
	PCA2849	14,46 TO	6				1	1		2		1	1			
	ZX	11,50 TO	11				2	1	2	1	1		1	1	2	
6/04/2016	PCA2855	14,34 TO	2						1				1			
	ZX	11,50 TO	17				1	3	3	1	2	1	2	1	2	1
7/04/2016	PCA2849	14,46 TO	5									1	2	1	1	
	PCA2855	14,34 TO	5				1	1		1	1				1	
	ZX	11,50 TO	17				1		1		2	2	4	4	2	1
8/04/2016	FOL29FW	17,22 TO	1											1		
	PCA2849	14,46 TO	1										1			
	PCA2855	14,34 TO	5						1		2			2		
	ZX	11,50 TO	16				2	2	2	4	1	1	2			
9/04/2016	ZX	11,50 TO	2						1	1						
11/04/2016	PCA2849	14,46 TO	7				1	1		1	1	1		1	1	
	ZX	11,50 TO	9				1	1		2	2		1	1	1	
12/04/2016	PCA2855	14,34 TO	5				1			1	1			2		
	ZX	11,50 TO	19				2	1	1	3	4	1	4	3		
13/04/2016	FOL23CB	16,20 TO	1		1									1		
	PCA2855	14,34 TO	4					1	1	1	1					
	PCA3973	16,64 TO	2		+		2									
	ZX	11,50 TO	6				1	1		1	2	1				
14/04/2016	FOL2991	18,80 TO	1								_			1		
	FOL29FW	17,22 TO	1											1		
	PCA2849	14,46 TO	2		+				1	1				·		
	PCA2855	14,34 TO	4				1			1				2		
	ZX	11,50 TO	5		+		1		1	 	1				2	
15/04/2016	PCA2855	14,34 TO	7		+		1	1	1		1		1		2	
10,0 ,,2010	ZX	11,50 TO	8		+		1	1	1	3	1		1			
16/04/2016	PCA2849	14,46 TO	1		+		 	'	1		'		'			
18/04/2016	PCA2849	14,46 TO	11		+		1	2	1	1	1	2	1	1	1	
10/04/2010	PCA2855	14,46 TO	2		+		1		1	1	'		'	'	1	
	FUA2000	14,34 10	4	I	1	1	1		l '	1 '	l	l	l			

	ZX	11,50 TO	5			1	1		1	1				1	
19/04/2016	PCA2849	14,46 TO	2			1								1	
	PCA2855	14,34 TO	1								1				
	ZX	11,50 TO	7			2		1	1	2	1				
20/04/2016	PCA2849	14,46 TO	5			1	1		1	1		1			
	PCA2855	14,34 TO	1										1		
	ZX	11,50 TO	10			2	1	2	2	1	1	1			
21/04/2016	PCA2849	14,46 TO	2				1		1						
	PCA2855	14,34 TO	8			1	1		1	1	1	1	1	1	
	ZX	11,50 TO	12			2		1		1	3	1	3	1	
22/04/2016	PCA2849	14,46 TO	4			1	1	1		1					
	ZX	11,50 TO	12			1	3	1	1		1	3	2		
26/04/2016	PCA2849	14,46 TO	8				2		2	3			1		
	ZX	11,50 TO	12			4	2		3	1		1		1	
27/04/2016	PCA2849	14,46 TO	7			1		1	1	1	1		2		
	ZX	11,50 TO	10			1	1		3	2		2	1		
28/04/2016	PCA2849	14,46 TO	8			1	1	1	1	1	1		2		
	ZX	11,50 TO	17			1		1	4	4	1	1	2	3	
29/04/2016	FOL2991	18,80 TO	2			1					1				
	PCA2849	14,46 TO	7				1	1	1	1	1	1	1		
	ZX	11,50 TO	7			2	1			2	1	1			
Result			366			48	43	34	56	51	26	37	45	24	2
2/05/2016	PCA2849	14,46 TO	7			1		1	1	1		1	2		
	PCA2855	14,34 TO	1											1	
	ZX	11,50 TO	9					2	2		2	1		2	
3/05/2016	PCA2849	14,46 TO	8			1		2	1		1	1	2		
	ZX	11,50 TO	5			1	1		1				1	1	
4/05/2016	PCA2849	14,46 TO	7				1	1	1	2				2	
	ZX	11,50 TO	15			2	4	1	3	1	4				
5/05/2016	PCA2849	14,46 TO	5			1			2				2		
	PCA2855	14,34 TO	8			1	1	2	1	1		1	1		
	ZX	11,50 TO	4			1	1		1					1	
6/05/2016	PCA2849	14,46 TO	3			1			1			1			
	ZX	11,50 TO	18						2	1	2	4	6	3	
9/05/2016	PCA2849	14,46 TO	3						1			1	1		
	PCA2855	14,34 TO	1				1								
	ZX	11,50 TO	14				1	3	4	1	2	2	1		
10/05/2016	FOL2991	18,80 TO	1					1							
	FOL29FW	17,22 TO	1					1							
	PCA2855	14,34 TO	2						1		1				
	PCA3555	17,40 TO	1			1									
	ZX	11,50 TO	4				1	1	1	1					
11/05/2016	PCA2849	14,46 TO	4					1	3						
	PCA2855	14,34 TO	2			1				1					
	ZX	11,50 TO	2							1			1		
12/05/2016	PCA2855	14,34 TO	1			1									
	ZX	11,50 TO	4	 		1				1	1	1			
13/05/2016	PCA2849	14,46 TO	5			1	1			1		2			
	PCA2855	14,34 TO	2	 			1	1							
	PCA3555	17,40 TO	2			2									
	ZX	11,50 TO	10			1	1		1	2	1	1	2	1	
16/05/2016	PCA2849	14,46 TO	7			1			1	1		1	2	1	
	PCA3970	16,40 TO	2							2					
	ZX	11,50 TO	9			2		1	3		2		1		

17/05/2016	FOL2991	18,80 TO	1								1				
	PCA2849	14,46 TO	4			1			1	1				1	
	ZX	11,50 TO	5							1	2		2		
18/05/2016	FOL29FW	17,22 TO	1									1			
	PCA2849	14,46 TO	6			1	1	1		2			1		
	ZX	11,50 TO	3			1				1					1
19/05/2016	FOL23CB	16,20 TO	1				1								
	PCA2849	14,46 TO	4			1			2				1		
	PCA2855	14,34 TO	1									1			
	PCA3970	16,40 TO	2							2					
	ZX	11,50 TO	4				1		1				1	1	
20/05/2016	FOL2991	18,80 TO	1				1								
	PCA2849	14,46 TO	4			1					1	1		1	
	PCA2855	14,34 TO	4						1	1	1	1			
	ZX	11,50 TO	7					1	1	1	1	1	2		
21/05/2016	ZX	11,50 TO	1						1						
23/05/2016	PCA2849	14,46 TO	4					1						1	2
	PCA2855	14,34 TO	5				1	1		1		1	1		
	ZX	11,50 TO	8						2	3	2			1	
24/05/2016	PCA2849	14,46 TO	3							1		2			
	PCA2855	14,34 TO	3			1	1					1			
	ZX	11,50 TO	7			1	1		1	1			1	2	
25/05/2016	ZX	11,50 TO	10			1	2			1	3	2	1		
26/05/2016	FOL2991	18,80 TO	1					1							
	PCA2849	14,46 TO	2									1	1		
	PCA3970	16,40 TO	1							1					
	ZX	11,50 TO	4				1				2				1
27/05/2016	PCA2855	14,34 TO	1									1			
	ZX	11,50 TO	11				1	2	1	3		1	2	1	
30/05/2016	PCA2849	14,46 TO	5					1	1	2			1		
	PCA2855	14,34 TO	1								1				
	ZX	11,50 TO	7			1	1	1		2		1	1		
31/05/2016	PCA2849	14,46 TO	5			2	1				1	1			
	PCA3970	16,40 TO	1							1					
	ZX	11,50 TO	5				1					2	1	1	
Result			300			31	28	27	43	42	31	35	38	21	4
1/06/2016	FOL29FW	17,22 TO	1					1							
	PCA2849	14,46 TO	7			2			1	1		1	1	1	
	ZX	11,50 TO	12				2	1	2	4	1			1	1
2/06/2016	FOL29FW	17,22 TO	2				1					1			
	PCA2849	14,46 TO	3			2				1					
	PCA2855	14,34 TO	6			1	1		2	1		1			
	ZX	11,50 TO	11			1	1	1	1	2		1	1	3	
3/06/2016	FOL29FW	17,22 TO	1								1				
4/06/2016	PCA2849	14,46 TO	4					2			1	1			
6/06/2016	PCA2855	14,34 TO	2					1	1						
	ZX	11,50 TO	13			1		1	2	1	3	2	3		
7/06/2016	PCA2855	14,34 TO	5				1		1	1		1	1		
	PCA3970	16,40 TO	2							2					
	ZX	11,50 TO	3					2	2 1						
8/06/2016	PCA2855	14,34 TO	5						1		1	1	1	1	
	ZX	11,50 TO	2					1				1			
9/06/2016	PCA2855	14,34 TO	5			2				1		2			
	ZX	11,50 TO	4					1	2				1		
					1	•	1	1	1	1	1	1		1	

10/06/2016	PCA2849	14,46 TO	3			1		1		1					
	ZX	11,50 TO	8				2			3	1	1	1		
14/06/2016	PCA2849	14,46 TO	6			1			1	1	1	1		1	
	PCA2855	14,34 TO	1									1			
	ZX	11,50 TO	5						2	1		1		1	
15/06/2016	FOL2991	18,80 TO	1						1						
	PCA2849	14,46 TO	5			1				1		1	1	1	
	PCA2855	14,34 TO	5			1				1	1		1	1	
	ZX	11,50 TO	2			1		1							
16/06/2016	FOL2991	18,80 TO	1				1								
	PCA2849	14,46 TO	6			1		1	1	1	1		1		
	PCA2855	14,34 TO	5				1		1	1		1	1		
	PCA3970	16,40 TO	2							1	1				
	ZX	11,50 TO	5					2		2				1	
17/06/2016	FOL23CB	16,20 TO	1					1							
	FOL2991	18,80 TO	1					1							
	PCA2849	14,46 TO	3			1		1						1	
	ZX	11,50 TO	8					2	2	2	1		1		
20/06/2016	FOL23CB	16,20 TO	1						1						
	FOL2991	18,80 TO	1						1						
	PCA2849	14,46 TO	2						2						
	ZX	11,50 TO	6					1	2	2			1		
21/06/2016	PCA2849	14,46 TO	2									2			
	ZX	11,50 TO	4			1					1	1	1		
22/06/2016	ZX	11,50 TO	2								1	1			
23/06/2016	PCA2855	14,34 TO	1					1							
	ZX	11,50 TO	3			2	1								
			9	l l											
Result		11,0010	178			19	11		28	31	15	22	16	12	1
Result		11,0010			9	19		23			15 139		16 212		1 32
Result 1/07/2015	PCA2513	15,37 TO	178	1	9		11	23	242	235			212		32
			178 1,819	1	9		11	23 185	242	235		220	212	129 1	32
	PCA2513	15,37 TO	178 1,819 11	1	9		11	23 185 2 1	242 1 1	235 1		220 1	212 1	129 1 1	32
	PCA2513 PCA2855	15,37 TO 14,34 TO	178 1,819 11 7	1	9 1		11 213	23 185 2 1	242 1 1	235 1		220 1	212 1 2	129 1 1	32
1/07/2015	PCA2513 PCA2855 ZX	15,37 TO 14,34 TO 11,50 TO	178 1,819 11 7 6	1	9 1		11 213	23 185 2 1 1	242 1 1	235 1 1		220 1 1	212 1 2 1	129 1 1	1 32
1/07/2015	PCA2513 PCA2855 ZX PCA2513	15,37 TO 14,34 TO 11,50 TO 15,37 TO	178 1,819 11 7 6	1	9		11 213	23 185 2 1 1	242 1 1	235 1 1		220 1 1	212 1 2 1	129 1 1	1 32
1/07/2015	PCA2513 PCA2855 ZX PCA2513 PCA2855	15,37 TO 14,34 TO 11,50 TO 15,37 TO 14,34 TO	178 1,819 11 7 6 6 4	1	9		11 213	23 185 2 1 1	242 1 1	235 1 1		220 1 1 1	212 1 2 1	129 1 1	32
1/07/2015	PCA2513 PCA2855 ZX PCA2513 PCA2855 ZX ZX PCA2513 PCA2855 ZX	15,37 TO 14,34 TO 11,50 TO 15,37 TO 14,34 TO 11,50 TO	178 1,819 11 7 6 6 4	1	9		11 213	23 185 2 1 1	242 1 1	235 1 1		220 1 1 1 2 2	212 1 2 1	129 1 1	1 32
1/07/2015	PCA2513 PCA2855 ZX PCA2513 PCA2855 ZX PCA2513 PCA2855 ZX PCA2513	15,37 TO 14,34 TO 11,50 TO 15,37 TO 14,34 TO 11,50 TO 15,37 TO	178 1,819 11 7 6 6 4 8		9		11 213	23 185 2 1 1	242 1 1	235 1 1 1	139	220 1 1 1 2 2	212 1 2 1	129	32
1/07/2015	PCA2513 PCA2855 ZX PCA2513 PCA2855 ZX PCA2513 PCA2855 ZX PCA2513 PCA2855	15,37 TO 14,34 TO 11,50 TO 15,37 TO 14,34 TO 11,50 TO 15,37 TO 14,34 TO	178 1,819 111 7 6 6 4 8 3 3		9 1		11 213	23 185 2 1 1 2 2 2 1 1 2	242 1 1 1	235 1 1 1	139	1 1 1 2 2 2	212 1 2 1 1	129	32
1/07/2015 2/07/2015 3/07/2015	PCA2513 PCA2855 ZX PCA2855 ZX PCA2513 PCA2855 ZX PCA2513 PCA2513 PCA2855 ZX	15,37 TO 14,34 TO 11,50 TO 15,37 TO 14,34 TO 11,50 TO 15,37 TO 14,34 TO 11,50 TO	178 1,819 111 7 6 6 4 8 3 3		9 9 1		213	23 185 2 1 1 2 2 2 1 1 2	242 1 1 1	235 1 1 1	139	220 1 1 1 2 2 2 2	212 1 2 1 2 2 2 2	129	32
1/07/2015 2/07/2015 3/07/2015	PCA2513 PCA2855 ZX PCA2513 PCA2855 ZX PCA2513 PCA2855 ZX PCA2513 PCA2655 ZX PCA2855 ZX PCA2855 ZX PCA2855	15,37 TO 14,34 TO 11,50 TO 15,37 TO 14,34 TO 11,50 TO 15,37 TO 14,34 TO 11,50 TO 11,50 TO	178 1,819 111 7 6 6 4 8 3 3 3 1 14		9 9 1		213	23 185 2 1 1 2 2 2 1 1 2	242 1 1 1	235 1 1 1	139	220 1 1 1 2 2 2 2 2	212 1 2 1 2 2 2 2	129	32
1/07/2015 2/07/2015 3/07/2015	PCA2513 PCA2855 ZX PCA2513 PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX	15,37 TO 14,34 TO 11,50 TO 15,37 TO 14,34 TO 11,50 TO 15,37 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO	178 1,819 11 7 6 6 4 8 3 3 114 12		9 9 1		213	23 185 2 1 1 2 2 2 1 1 2	242 1 1 1	235 1 1 1 1 1 3	139	220 1 1 1 2 2 2 2 2	212 1 2 1 2 2 2 2	129	1 32
1/07/2015 2/07/2015 3/07/2015	PCA2513 PCA2855 ZX PCA2513 PCA2855 ZX PCA2513 PCA2855 ZX PCA2513 PCA2655 ZX PCA2855 ZX PCA2855 ZX PCA2855	15,37 TO 14,34 TO 11,50 TO 15,37 TO 14,34 TO 11,50 TO 15,37 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO	178 1,819 11 7 6 6 4 4 8 3 3 114 12 10 3		9911		213	23 185 2 1 1 2 2 2 1 1 2	242 1 1 1 1 1 5 1	235 1 1 1 1 1 3	139	220 1 1 1 2 2 2 2 2	212 1 2 1 2 2 2 2 1 1	129	1 32
1/07/2015 2/07/2015 3/07/2015 6/07/2015	PCA2513 PCA2855 ZX PCA2513 PCA2855 ZX PCA2513 PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX	15,37 TO 14,34 TO 11,50 TO 15,37 TO 14,34 TO 11,50 TO 15,37 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO	178 1,819 11 7 6 6 4 4 8 3 3 114 12 10 3		9911		213	23 185 2 1 1 2 2 2 1 1 2	242 1 1 1 1 5 1 1	235 1 1 1 1 1 3 1	139 1 1 2 2 2 1 1 2	220 1 1 1 2 2 2 2 2	212 1 2 1 2 2 2 2 1 1	129	32
1/07/2015 2/07/2015 3/07/2015 6/07/2015	PCA2513 PCA2855 ZX PCA2513 PCA2655 ZX PCA2513 PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX FCA2855 ZX FCA2855 ZX FCA2855 ZX FCA2855	15,37 TO 14,34 TO 11,50 TO 15,37 TO 11,34 TO 11,50 TO 15,37 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,35 TO 11,50 TO 11,50 TO 11,50 TO 11,50 TO 11,50 TO 11,50 TO 11,50 TO	178 1,819 11 7 6 6 4 4 8 3 3 114 12 10 3		99		213	23 185 2 1 1 2 2 1 1 2 2 1 1 1 1 1	242 1 1 1 1 5 1 1	235 1 1 1 1 1 3 3 1	139 1 1 2 2 2 1 1 2	220 1 1 1 2 2 2 2 2	212 1 2 1 2 2 2 2 1 1	129	32
1/07/2015 2/07/2015 3/07/2015 6/07/2015 7/07/2015 8/07/2015	PCA2513 PCA2855 ZX PCA2513 PCA2855 ZX PCA2513 PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX	15,37 TO 14,34 TO 11,50 TO 15,37 TO 11,50 TO 15,37 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 22,86 TO 11,50 TO	178 1,819 11 7 6 6 4 4 8 3 3 114 12 10 3		99		213	23 185 2 1 1 2 2 1 1 2 2 1 1 1 1 1	242 1 1 1 1 5 1 1	235 1 1 1 1 1 3 3 1	139 1 1 2 2 2 1 1 2	220 1 1 1 2 2 2 2 2	212 1 2 1 2 2 2 2 1 1	129	1 32
1/07/2015 2/07/2015 3/07/2015 6/07/2015 7/07/2015 8/07/2015	PCA2513 PCA2855 ZX PCA2513 PCA2655 ZX PCA2513 PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX FCA2855 ZX FCA2855 ZX FCA2855 ZX FCA2855	15,37 TO 14,34 TO 11,50 TO 15,37 TO 11,34 TO 11,50 TO 15,37 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,35 TO 11,50 TO 11,50 TO 11,50 TO 11,50 TO 11,50 TO 11,50 TO 11,50 TO	178 1,819 11 7 6 6 4 4 8 3 3 114 12 10 3		99		213	23 185 2 1 1 2 2 1 1 2 2 1 1 1 1 1	242 1 1 1 1 5 1 1	235 1 1 1 1 1 3 1 1	139 1 1 2 2 2 1 1 2	220 1 1 1 2 2 2 2 2	212 1 2 1 2 2 2 2 1 1	129	1 32
1/07/2015 2/07/2015 3/07/2015 6/07/2015 7/07/2015 8/07/2015	PCA2513 PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855	15,37 TO 14,34 TO 11,50 TO 15,37 TO 14,34 TO 11,50 TO 15,37 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 12,86 TO 11,50 TO 18,80 TO	178 1,819 11 7 6 6 4 4 8 3 3 114 12 10 3		99 11		213	23 185 2 1 1 2 2 2 1 1 1 1 1 1 2 2 1 1 1 1 1	242 1 1 1 1 5 1 1	235 1 1 1 1 1 3 1 1	139 1 1 2 2 2 1 1 2	220 1 1 1 2 2 2 2 2	212 1 1 2 1 2 2 2 1 1 1	129	1 32
1/07/2015 2/07/2015 3/07/2015 6/07/2015 7/07/2015 8/07/2015 9/07/2015	PCA2513 PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX ZX PCA2855 ZX ZX ZX ZX ZX ZX ZX ZX ZX ZX ZX ZX ZX	15,37 TO 14,34 TO 11,50 TO 15,37 TO 14,34 TO 11,50 TO 15,37 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 11,50 TO 11,50 TO 11,50 TO 11,50 TO	178 1,819 11 7 6 6 4 4 8 3 3 114 12 10 3		9911		213 2 2 2 2 1	23 185 2 1 1 2 2 2 1 1 1 1 1 1 2 2 1 1 1 1 1	242 1 1 1 1 5 1 1	235 1 1 1 1 1 3 1 1	139 1 1 2 2 2 1 1 2	220 1 1 1 2 2 2 2 2	212 1 1 2 1 2 2 2 1 1 1	129	1 32
1/07/2015 2/07/2015 3/07/2015 6/07/2015 7/07/2015 8/07/2015 9/07/2015	PCA2513 PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX FCA2855 ZX SUN3907 ZX FOL2991 PCA2855 ZX FOL2991	15,37 TO 14,34 TO 11,50 TO 15,37 TO 14,34 TO 11,50 TO 15,37 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 18,80 TO 14,34 TO 11,50 TO	178 1,819 11 7 6 6 4 4 8 3 3 114 12 10 3		99		213 2 2 2 2 1	23 185 2 1 1 2 2 2 1 1 1 1 1 1 2 2 1 1 1 1 1	242 1 1 1 1 5 1 1	235 1 1 1 1 1 3 1 1	139 1 1 2 2 2 1 1 2	220 1 1 1 2 2 2 2 2	212 1 1 2 1 2 2 2 1 1 1	129	1 32
1/07/2015 2/07/2015 3/07/2015 6/07/2015 7/07/2015 8/07/2015 9/07/2015	PCA2513 PCA2855 ZX PCA2513 PCA2855 ZX PCA2513 PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX FOL2991 PCA2855 ZX FOL2991 ZX	15,37 TO 14,34 TO 11,50 TO 15,37 TO 14,34 TO 11,50 TO 15,37 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 11,50 TO 11,50 TO 18,80 TO 11,50 TO 18,80 TO 11,50 TO 11,50 TO	178 1,819 111 7 6 6 6 4 8 3 3 14 12 10 3 5 2 3 11 5 4 1 1		9911		213 2 2 2 2 1	23 185 2 1 1 2 2 2 1 1 1 1 1 1 2 2 1 1 1 1 1	242 1 1 1 1 5 1 1	235 1 1 1 1 1 3 1 1	139 1 1 2 2 2 1 1 2	220 1 1 1 2 2 2 2 2	212 1 1 2 1 2 2 2 1 1 1	129	1 32
1/07/2015 2/07/2015 3/07/2015 6/07/2015 7/07/2015 8/07/2015 9/07/2015	PCA2513 PCA2855 ZX PCA2513 PCA2855 ZX PCA2513 PCA2855 ZX PCA2513 PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX FOL2991 PCA2855 ZX FOL2991 ZX FOL2991 ZX FOL2991 ZX FOL2991 ZX	15,37 TO 14,34 TO 11,50 TO 15,37 TO 14,34 TO 11,50 TO 15,37 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 18,80 TO 11,50 TO 18,80 TO 11,50 TO 18,80 TO 11,50 TO	178 1,819 111 7 6 6 44 8 8 3 3 14 12 10 3 5 5 2 3 11 5 4 11 1 3		99		213 2 2 2 2 1	23 185 2 1 1 2 2 2 1 1 1 1 1 1 2 2 1 1 1 1 1	242 1 1 1 1 5 1 1	235 1 1 1 1 1 3 1 1	139 1 1 2 2 2 1 1 2	220 1 1 1 2 2 2 2 2	212 1 1 2 1 2 2 2 1 1 1	129	1 32
1/07/2015 2/07/2015 3/07/2015 6/07/2015 7/07/2015 8/07/2015 9/07/2015	PCA2513 PCA2855 ZX PCA2513 PCA2855 ZX PCA2513 PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX FOL2991 PCA2855 ZX FOL2991 ZX FOL2991 ZX FOL2991 ZX PCA2855	15,37 TO 14,34 TO 11,50 TO 15,37 TO 14,34 TO 11,50 TO 15,37 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 18,80 TO 14,34 TO 11,50 TO 18,80 TO 11,50 TO	178 1,819 111 7 6 6 44 8 8 3 3 144 12 10 3 5 2 3 11 5 4 11 11 3 2 2		99		213 2 2 2 2 1	23 185 2 1 1 2 2 2 1 1 1 1 1 1 2 2 1 1 1 1 1	242 1 1 1 1 5 1 1	235 1 1 1 1 1 3 1 1	139 1 1 2 2 2 1 1 2	220 1 1 1 2 2 2 2 2	212 1 2 1 2 2 1 1 1 1	129	1 32
1/07/2015 2/07/2015 3/07/2015 6/07/2015 7/07/2015 8/07/2015 10/07/2015 13/07/2015	PCA2513 PCA2855 ZX PCA2513 PCA2855 ZX PCA2513 PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX PCA2855 ZX FOL2991 PCA2856 ZX FOL2991 ZX FOL2991 ZX FOL2991 ZX PCA2855 ZX FOL2991 ZX FOL2991 ZX FOL2991 ZX	15,37 TO 14,34 TO 11,50 TO 15,37 TO 14,34 TO 11,50 TO 15,37 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 14,34 TO 11,50 TO 18,80 TO 14,34 TO 11,50 TO 18,80 TO 11,50 TO	178 1,819 111 7 6 6 4 8 8 3 3 14 12 10 3 5 5 2 3 11 5 4 1 1 1 3 2 2		99		213 2 2 2 2 1	23 185 2 11 2 2 2 11 2 1 1 1 1 1 1 1 1 1 1 1	242 1 1 1 1 5 1 1	235 1 1 1 1 1 3 1 1	139 1 1 2 2 2 1 1 2	220 1 1 1 2 2 2 2 2	212 1 2 1 2 2 1 1 1 1	129	1 32

	1						_	1 -	1				1		
	ZX	11,50 TO	4				2	2							
15/07/2015	PCA2855	14,34 TO	3				1		1			1			
	ZX	11,50 TO	2						1				1		
17/07/2015	PCA2513	15,37 TO	4			1		1	2						
	ZX	11,50 TO	4							1	1	1	1		
20/07/2015	PCA2513	15,37 TO	4			1		1	1	1					
	PCA2855	14,34 TO	2								1	1			
	ZX	11,50 TO	6			4							2		
21/07/2015	PCA2513	15,37 TO	2					1	1						
	PCA2855	14,34 TO	2			1		1							
	ZX	11,50 TO	3						1	1			1		
22/07/2015	ZX	11,50 TO	1								1				
23/07/2015	ZX	11,50 TO	4				2					1	1		
24/07/2015	PCA2855	14,34 TO	4			1			1			2			
	ZX	11,50 TO	6			1		2	. 1		1	1			
25/07/2015	PCA2513	15,37 TO	3	_			2		1						
_3,0.7,20.10	PCA2855	14,34 TO	3		 		2		1					 	
27/07/2015	PCA2533	15,37 TO	1	+		4			 '						
27/07/2015	PCA2513 PCA2855	14,34 TO	2	+		<u>'</u>			_						
	ZX ZX		2	+	 			<u> </u>	2	2		2		 	
00/07/0045	_	11,50 TO	1	+				1	1	2		2			
28/07/2015	FOL2991	18,80 TO	· ·								1				
	PCA2513	15,37 TO	10			2	1				5	1		1	
	PCA2855	14,34 TO	7			2	1	1			3				
	ZX	11,50 TO	3								3				
29/07/2015	FOL2991	18,80 TO	1				1								
	PCA2855	14,34 TO	6			1	1			1	1	2			
	ZX	11,50 TO	9				1	1		4			1	2	
30/07/2015	PCA2855	14,34 TO	4			1	1	1	1						
	ZX	11,50 TO	3				1				1	1			
31/07/2015	PCA2855	14,34 TO	6					1		1		1	2	1	
	ZX	11,50 TO	4			1		1	1			1			
Result			243	1	1	30	26	37	31	24	28	32	24	9	
3/08/2015	PCA2513	15,37 TO	4			1	1		1		1				
	ZX	11,50 TO	2					1						1	
4/08/2015	PCA2513	15,37 TO	5			1				1	1		1	1	
	PCA2855	14,34 TO	2			1								1	
5/08/2015	FOL29FW	17,22 TO	2					2							
	PCA2513	15,37 TO	3			1	1		1						
	PCA2855	14,34 TO	3					1	1		1				
	ZX	11,50 TO	4					2				1	1		
6/08/2015	PCA2513	15,37 TO	1			1						·			
	PCA2855	14,34 TO	2	+		<u> </u>				1	1				
	ZX	11,50 TO	2		 					<u>'</u>	<u>'</u>	1	1	 	
7/08/2015	PCA2513	15,37 TO	11	+					5	1	1	1		2	
1700/2010	PCA2855	14,34 TO	6	+		4			1	1	'	2		2	
	ZX	11,50 TO	7	+		1	2		4	'		1			
9/09/2045	PCA2855	14,34 TO		+					<u> </u>		^	'			
8/08/2015			2	+							2				
10/08/2015	PCA2513	15,37 TO	6	+		1	1	ļ .		1	1	1	1		
	PCA2855	14,34 TO	2					1						1	
	ZX	11,50 TO	10									2	5	3	
11/08/2015	FOL2991	18,80 TO	1				1								
	PCA2513	15,37 TO	10			2	1	1	1	2	1	1			
	PCA2855	14,34 TO	6			1		1	1	1		2			
	ZX	11,50 TO	2										1	1	

					1	1		1		1		1				
12/08/2015	PCA2513	15,37 TO	4				1	1	1	1						
	PCA2855	14,34 TO	2					1				1				
	ZX	11,50 TO	6					1		2	1		1	1		
13/08/2015	PCA2855	14,34 TO	3				1	1	1							
	ZX	11,50 TO	1										1			
14/08/2015	PCA2513	15,37 TO	2										2			
	PCA2855	14,34 TO	5				1		1	1	1			1		
	ZX	11,50 TO	8				2	1	2	. 1				1	1	
15/08/2015	ZX	11,50 TO	6				2	1	2	1						
17/08/2015	PCA2513	15,37 TO	5				1	1	1	1	1					
	PCA2855	14,34 TO	3				1			1		1				
	ZX	11,50 TO	5					2	1		1			1		
18/08/2015	FOL2991	18,80 TO	1								1					
	PCA2513	15,37 TO	6						1	1	1	1	1	1		
	PCA2855	14,34 TO	5				1	2			•	2				
	ZX	11,50 TO	4	+	+		<u> </u>	_		1	1	_	1			1
19/08/2015	PCA2513	15,37 TO	6	+	+		1		1	1	1			1	1	
.0/00/2010	PCA2855	14,34 TO	1	+	+		 		 	 	<u>'</u>	1		'	'	
	ZX	11,50 TO	6	+	+		1		 		2	'	-1	2		
20/08/2015	PCA2513	15,37 TO	8	+	+		1		2	1	1	1	1		1	
20/00/2013	PCA2855	14,34 TO	5		+		1	1	1	'	'	2				
	ZX	11,50 TO	9	+	+		'	1	2		2		-			
24/09/2045	PCA2855	14,34 TO	6	+			2	'		1	2	1	'	2		
21/08/2015			0	+	+		<u>'</u>	4	<u>'</u>	'		'		2		
24/08/2015	PCA2855	14,34 TO	3	+	 			1	1	1						
	PCA3555	17,40 TO	2	+	+		2		_			4				
05/00/0045	ZX	11,50 TO	2		1		.		1			1				\vdash
25/08/2015	ZX	11,50 TO	1				1									
26/08/2015	PCA2513	15,37 TO	1	+	1							1				\vdash
	PCA2855	14,34 TO	1				1							_		
	ZX	11,50 TO	/		1					1	1		2	2	1	
27/08/2015	PCA2513	15,37 TO	1		1		1					_				\vdash
	ZX	11,50 TO	5								2	3				
28/08/2015	PCA2513	15,37 TO	2				1	1								
	PCA2855	14,34 TO	4									2			2	
	ZX	11,50 TO	6								1		1	1	3	
29/08/2015	ZX	11,50 TO	1					1								
31/08/2015	PCA2513	15,37 TO	8				1	1	1	2		1	2			
	PCA2855	14,34 TO	4									1	1		2	
	ZX	11,50 TO	2				1	1								
Result			250				36	25	29			29	27	27	23	1
1/09/2015	PCA2513	15,37 TO	6			1				2						3
	PCA2855	14,34 TO	4			1			2							1
	ZX	11,50 TO	5				2	1			1			1		
2/09/2015	FOL2991	18,80 TO	1								1					
	PCA2513	15,37 TO	6				1		1	2		1	1			
	PCA2855	14,34 TO	5				1			1	1		2			
	ZX	11,50 TO	6					1		1	1	2			1	
3/09/2015	PCA2513	15,37 TO	2				1	1								
	PCA2855	14,34 TO	3						1	1					1	
	ZX	11,50 TO	2					2								
4/09/2015	PCA2513	15,37 TO	2						1	1						
	PCA2855	14,34 TO	5					1	1			2		1		
	ZX	11,50 TO	4				1	1					2			
7/09/2015	PCA2513	15,37 TO	6							1		1	1	2	1	
					_			_				_			_	

	PCA2855	44.04.TO		1		ı	1			I		1		1		I	
		14,34 TO	5 7					1	1		1		1		1		
0/00/00/0	ZX	11,50 TO						1		2				2		2	
8/09/2015	PCA2849	14,46 TO	8					1	1		2		1	1	2		
	PCA2855	14,34 TO	1							1							
	ZX	11,50 TO	4	1							1	1		1	1		
9/09/2015	PCA2513	15,37 TO	2					1		1							
	PCA2855	14,34 TO	2								1	1					
	ZX	11,50 TO	12						3	2	2	2			3		
10/09/2015	PCA2849	14,46 TO	6					1			1		1	1	2		
	ZX	11,50 TO	6						2		1		2		1		
11/09/2015	PCA2513	15,37 TO	7					1		1	1	1		2		1	
	ZX	11,50 TO	5							2			2		1		
14/09/2015	PCA2513	15,37 TO	5									1	1	1	2		
	PCA2849	14,46 TO	1									1					
	PCA2855	14,34 TO	4					1				1		2			
	ZX	11,50 TO	3											1		2	
15/09/2015	FOL29FW	17,22 TO	2						1					1			
	PCA2855	14,34 TO	6					1		1				2	1	1	
	PCA3970	16,40 TO	1									1					
	ZX	11,50 TO	19							1	4	3	4	5			
16/09/2015	PCA2849	14,46 TO	7								3	2			2		
	PCA2855	14,34 TO	4					1		1	1			1			
	PJE2242	16,22 TO	1									1					
	ROB22PV	18,68 TO	1						1								
	ZX	11,50 TO	7									2		3	1	1	
17/09/2015	PCA2849	14,46 TO	3							1				1	1		
	PCA2855	14,34 TO	6					1		1	1	1		1	1		
	PJE2242	16,22 TO	1								1						
	ROB22PV	18,68 TO	1					1									
	ZX	11,50 TO	2					1							1		
18/09/2015	PCA2513	15,37 TO	3											1	1	1	
	PCA2849	14,46 TO	1											1			
	PCA2855	14,34 TO	9					1	1	1	1	2		1	1	1	
	ZX	11,50 TO	1									1					
19/09/2015	DAV2YZR	16,10 TO	1								1						
	PCA2849	14,46 TO	3					1	1	1							
	PCA2855	14,34 TO	3						1	2							
	ZX	11,50 TO	1						1								
21/09/2015	PCA2849	14,46 TO	2						1	1							
	PCA2855	14,34 TO	4						1	1		1		1			
	ZX	11,50 TO	5						2		1		1			1	
22/09/2015	PCA2849	14,46 TO	3									1	2				
	PCA2855	14,34 TO	5					1		2		1		1			
	PCA3970	16,40 TO	1									1					
	ZX	11,50 TO	9					1		2	1	1		2	2		
23/09/2015	PCA2849	14,46 TO	3						1	1		1					
	PCA2855	14,34 TO	4					1		3							
	ZX	11,50 TO	3					2			1						
24/09/2015	PCA2855	14,34 TO	5						1	1	1					2	
	ZX	11,50 TO	6	1				2	1	2		1					
25/09/2015	PCA2849	14,46 TO	1					1									
	PCA2855	14,34 TO	4							1	1		2				
	ZX	11,50 TO	12					2	4	1	1	1	1	1		1	
26/09/2015	ZX	11,50 TO	1					_	1		·	·		·			
		. 1,00 . 0	<u> </u>	l	<u> </u>				<u> </u>				1				

28/09/2015	PCA2849	14,46 TO	1												
	PCA2855	14,34 TO	4				1	1		1				1	
	ZX	11,50 TO	9			1	1	1	5		1				
29/09/2015	PCA2849	14,46 TO	4					1	1	1		1			
	PCA2855	14,34 TO	3								2			1	
	PCA3970	16,40 TO	2							2					
	ZX	11,50 TO	7			2	1		1	1		1	1		
30/09/2015	PCA2849	14,46 TO	7			1	1	1	1	1	1	1			
00/00/2010	ZX	11,50 TO	16				. 2	1	2	1	3			2	
Result	- ZA	11,50 10	339		2	36	38	44		40					
1/10/2015	FOL2991	18,80 TO	1		_	50	30		41	40	1		52	20	
1710/2010	PCA2849	14,46 TO	3							1	1	1			
	ZX	11,50 TO	5						1	'		2		1	
2/40/2045	FOL2991	18,80 TO	1		 				'			2	1	'	
2/10/2015					 							4			
	PCA2849	14,46 TO	8				1			-		4	2	1	
	PCA2855	14,34 TO	2						1	1					
0/10/0015	ZX	11,50 TO	8				2		1	1		1	3		
3/10/2015	PCA2849	14,46 TO	1		 		1								
6/10/2015	PCA2849	14,46 TO	2			1		1							
	PCA2855	14,34 TO	3		 				1	1	1				
	ROB22PV	18,68 TO	1				1								
	ZX	11,50 TO	2						2						
7/10/2015	PCA2855	14,34 TO	9			1		1	1	2		2	2		
	PJE2251	16,26 TO	1								1				
	ROB22PV	18,68 TO	1				1								
	ZX	11,50 TO	5			2		1			1	1			
8/10/2015	PCA2855	14,34 TO	7			2			1		1	1	1	1	
	PJE2251	16,26 TO	1							1					
	ROB22PV	18,68 TO	1			1									
	ZX	11,50 TO	2				1	1							
9/10/2015	PCA2855	14,34 TO	6					2	2	1		1			
	PJE2251	16,26 TO	1							1					
	ROB22PV	18,68 TO	1			1									
	ZX	11,50 TO	4			1				2		1			
10/10/2015	PJE2251	16,26 TO	1							1					
	ROB22PV	18,68 TO	1				1								
	ZX	11,50 TO	1					1							
12/10/2015	FOL2991	18,80 TO	1										1		
	FOL2F03	9,20 TO	1							1					
	PCA2849	14,46 TO	7					1	1	1	1	1	1	1	
	PCA2855	14,34 TO	8			1	1	1	1	1		1	1	1	
	PJE2251	16,26 TO	1									1			
	ROB22PV	18,68 TO	1											1	
13/10/2015	PCA2849	14,46 TO	3				1	1		1					
	PCA2855	14,34 TO	5			1		1		1			1	1	
	PCA3970	16,40 TO	2							2					
	PJE2251	16,26 TO	1							1					
	ROB22PV	18,68 TO	1									1			
	ZX	11,50 TO	2									1		1	
14/10/2015	PJE2251	16,26 TO	1									1			
	ZX	11,50 TO	8			1			1	2		2		2	
15/10/2015	PCA2855	14,34 TO	5			1	1	2				1			
	PJE2251	16,26 TO	1							1					
	ROB22PV	18,68 TO	1			1									

	=>/	44 =0 =0			1	1		1	1	1	1		1		
	ZX	11,50 TO	3									2		1	
16/10/2015	PCA2849	14,46 TO	5										3	2	
	PCA2855	14,34 TO	3			1	1	1							
	PJE2251	16,26 TO	1									1			
	ROB22PV	18,68 TO	1			1									
	ZX	11,50 TO	6			1					1	1	2	1	
17/10/2015	PJE2251	16,26 TO	1					1							
	ROB22PV	18,68 TO	1				1								
19/10/2015	FOL2991	18,80 TO	1				1								
	FOL29FW	17,22 TO	1										1		
	PCA2849	14,46 TO	1				1								
	PCA2855	14,34 TO	6			1		1	1		1	2			
	PJE2251	16,26 TO	1							1					
	ROB22PV	18,68 TO	1								1				
	ZX	11,50 TO	5							3	2				
20/10/2015	PCA2849	14,46 TO	4								1		2	1	
	PCA2855	14,34 TO	4			1			1			2			
	PJE2060	15,80 TO	1									1			
	ROB22PV	18,68 TO	1									1			
	ZX	11,50 TO	1										1		
21/10/2015	FOL29FW	17,22 TO	1									1	-		
21/10/2010	PCA2855	14,34 TO	. 8			2		1	1		2	2			
	PJE2060	15,80 TO	1			-			'		1	_			
	ROB22PV	18,68 TO	1												
	ZX	11,50 TO	3			1			1					1	
22/10/2015	FOL2991	18,80 TO	1			'			·			1		·	\vdash
22/10/2010	PCA2849	14,46 TO	5			2			1	1		·		1	\vdash
	PCA2855	14,40 TO	6			1			'	2	1		1	· ·	
	PJE2251	16,26 TO	1			'							'	·	\vdash
	ROB22PV	18,68 TO	1								1				\vdash
	ZX	11,50 TO	7			1		2			1			2	
23/10/2015	COR260E	17,84 TO	1			'		3	1		1				
23/10/2013	PCA2513	15,37 TO	9			1	1	1	1	1	1	1	1	1	
	PCA2855	14,34 TO	7			1	<u> </u>	1	1	'	'	1	2		
	PJE2251	16,26 TO	1			'		'				'			
	ROB22PV	18,68 TO	1								1	'			
04/40/0045	ZX	11,50 TO	3					'	'		1				
24/10/2015 26/10/2015	PCA2855 COR260E	14,34 TO 17,84 TO	1					1			-				
20/10/2015		17,84 TO 14,34 TO	3								1				
	PCA2855					1	 	1	1						
	PJE2251	16,26 TO	1							1					
	ROB22PV	18,68 TO	1								1				
	ROB2BL0	16,52 TO	1										-	1	
	ZX	11,50 TO	4										3	1	\vdash
27/10/2015	COR260E	17,84 TO	1						_	1					
	PCA2849	14,46 TO	5					1	2	2					
	PJE2251	16,26 TO	1							1					\vdash
	ROB22PV	18,68 TO	1								1				
	ZX	11,50 TO	1											1	
28/10/2015	PCA2849	14,46 TO	5						2	2	1				
	PJE2251	16,26 TO	1							1					
	ROB22PV	18,68 TO	1								1				
	ZX	11,50 TO	2									1	1		
29/10/2015	PCA2513	15,37 TO	8			1	1	1	1	1	1	1	1		

	PCA2849	14,46 TO	6					3					1	2			
	PCA3970	16,40 TO	2									1	1				
	PJE2251	16,26 TO	1										1				
	ROB22PV	18,68 TO	1										1				
	ZX	11,50 TO	2											2			
30/10/2015	PCA2513	15,37 TO	2											1	1		
	PCA2849	14,46 TO	5					2		2				1			
	PJE2251	16,26 TO	1									1					
	ZX	11,50 TO	1									1					
31/10/2015	PJE2251	16,26 TO	1								1						
	ROB22PV	18,68 TO	1						1								
Result			294					35	18	29	29	44	34	48	33	24	
2/11/2015	COR260E	17,84 TO	1											1			
	PCA2513	15,37 TO	3										1	1	1		
	PCA2849	14,46 TO	3						1		1			1			
	PJE2251	16,26 TO	1											1			
	ROB22PV	18,68 TO	1										1				
	ZX	11,50 TO	4							1				1	1	1	
3/11/2015	COR260E	17,84 TO	1									1					
	PCA2849	14,46 TO	2					1		1							
	PJE2251	16,26 TO	1									1					
	ROB22PV	18,68 TO	1										1				
	ZX	11,50 TO	6					2	1					3			
4/11/2015	COR260E	17,84 TO	1									1					
	FOL2991	18,80 TO	1									1					
	PCA2849	14,46 TO	4					1		1	1			1			
	PJE2251	16,26 TO	1										1				
	ROB22PV	18,68 TO	1									1					
	ZX	11,50 TO	6						1	4					1		
5/11/2015	COR260E	17,84 TO	1									1					
	PCA2849	14,46 TO	6						2	1	2				1		
	PJE2251	16,26 TO	1									1					
	ROB22PV	18,68 TO	1										1				
	ZX	11,50 TO	6					1				2	1	2			
6/11/2015	COR260E	17,84 TO	1										1				
	PCA2513	15,37 TO	1												1		
	PCA2849	14,46 TO	1										1				
	PCA2855	14,34 TO	5								2	1	1	1			
	PJE2251	16,26 TO	1									1					
	ZX	11,50 TO	2						1			1					
9/11/2015	PCA2849	14,46 TO	5					1	2		1				1		
	PCA2855	14,34 TO	6					1		1				2		2	
	PJE2251	16,26 TO	1										1				
	ROB22PV	18,68 TO	1											1			
	ZX	11,50 TO	5					1	1			1	2				
10/11/2015	DAV2YZR	16,10 TO	1											1			
	PCA2849	14,46 TO	5					1				1	1	1	1		
	PCA2855	14,34 TO	5							1	1		2	1			
	PCA3973	16,64 TO	1						1								
	PJE2251	16,26 TO	1									1					
	ROB22PV	18,68 TO	1												1		
	ZX	11,50 TO	4										2		1	1	
11/11/2015	COR260E	17,84 TO	1									1	_		<u> </u>	·	
	DAV2YZR	16,10 TO	1										1				
				L	1	1	<u> </u>		<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u> </u>			

	PCA2849	14,46 TO	3			1	1	1							
	PCA2855	14,34 TO	4			1					1	1	1		
	PCA3970	16,40 TO	2							2					
	PJE2251	16,26 TO	1							1					
	ROB22PV	18,68 TO	1								1				
	ZX	11,50 TO	10				1	2	2	1	1	2	1		
12/11/2015	COR260E	17,84 TO	1							1					
	DAV2YZR	16,10 TO	1								1				
	PCA2849	14,46 TO	10			1	1	2	2 1	1		1	1	1	1
	PJE2251	16,26 TO	1							1					
	ROB22PV	18,68 TO	1								1				
	ZX	11,50 TO	5			1	1		1		1	1			
13/11/2015	COR260E	17,84 TO	1										1		
	FOL2F03	9,20 TO	2				1					1			
	PCA2855	14,34 TO	6			1	1	1		2	1				
	PJE2251	16,26 TO	1									1			
	ROB22PV	18,68 TO	1								1				
	ZX	11,50 TO	1										1		
16/11/2015	COR260E	17,84 TO	1								1				
	FOL29FW	17,22 TO	1											1	
	PCA2855	14,34 TO	8			1	1	1	2		1			2	
	PJE2251	16,26 TO	1								1				
	ROB22PV	18,68 TO	1									1			
	ZX	11,50 TO	12				3			2	1	2		2	
17/11/2015	COR260E	17,84 TO	1				_			1					
	FOL29FW	17,22 TO	1				1								
	PCA2855	14,34 TO	7			1	1	1			1	1	1	1	
	PCA3970	16,40 TO	2								2				
	PJE2251	16,26 TO	1								1				
	ROB22PV	18,68 TO	1								1				
	ZX	11,50 TO	6			1	1	2	1					1	
18/11/2015	COR260E	17,84 TO	1								1				
	FOL29FW	17,22 TO	1							1					
	PCA2855	14,34 TO	6			1		1		1	1		2		
	PJE2251	16,26 TO	1								1				
	ROB22PV	18,68 TO	1									1			
	ZX	11,50 TO	10					3	3 2	2		1	1	1	
19/11/2015	COR260E	17,84 TO	1							1					
	FOL29FW	17,22 TO	1										1		
	PCA2855	14,34 TO	2			1					1				
	PJE2251	16,26 TO	1								1				
	ROB22PV	18,68 TO	1								1				
	ZX	11,50 TO	6				1		2		1		1	1	
20/11/2015	COR260E	17,84 TO	1							1					
	PCA2849	14,46 TO	3			2				1					
	PCA2855	14,34 TO	4									3	1		
	PJE2251	16,26 TO	1								1				
	ROB22PV	18,68 TO	1								1				
	ZX	11,50 TO	7			1					1	4	1		
21/11/2015	ZX	11,50 TO	2							1	1				
23/11/2015	COR260E	17,84 TO	1							1					
	PCA2849	14,46 TO	2										2		
	PCA2855	14,34 TO	8			1	1		1	1		2		2	
	PJE2251	16,26 TO	1								1	_			
					<u> </u>			1	1		<u> </u>				

	ROB22PV	18,68 TO	1								1				
	ZX	11,50 TO	7			1			2	1	1		2		
24/11/2015	COR260E	17,84 TO	1							1					
	PCA2024	14,52 TO	1			1									
	PCA2849	14,46 TO	4					1				2	1		
	PCA2855	14,34 TO	1		1										
	PCA3970	16,40 TO	1								1				
	PJE2251	16,26 TO	1								1				
	ROB22PV	18,68 TO	1								1				
	ZX	11,50 TO	7			1	1	1	1		1	1		1	
25/11/2015	COR260E	17,84 TO	1						1		1				
	FOL29FW	17,22 TO	1												1
	PCA2513	15,37 TO	1							1					
	PCA2849	14,46 TO	10			1	1	1	2	1		1	2	1	
	PCA2855	14,34 TO	5			1			_	1		1	- 1	1	
	PJE2251	16,26 TO	1			· ·						1			
	ROB22PV	18,68 TO	1								1				
	ZX	11,50 TO	5			 		1	 	2	<u>'</u>	1	1		
26/11/2015	PCA2849	14,46 TO	3				1	'				<u>'</u>	'	2	
20/11/2010	ZX ZX	11,50 TO	2				'							2	
27/11/2015	FOL29FW	17,30 TO	1									1			
21/11/2013	PCA2849	17,22 TO 14,46 TO	1					1				'			
	PCA2855	14,34 TO	3			1				1	1				
	ZX	11,50 TO	4							,	'	2	2		
28/11/2015	ZX	11,50 TO	2			1		1							
30/11/2015	PCA2849	14,46 TO	7			1	1	'	1	1		1	2		
30/11/2013						'	'		<u>'</u>			'	2		
	PCA2855	14,34 TO	2			1	1	1	2		1				
Popult	ZX ZX	14,34 TO 11,50 TO	4		1	22		1	2		1	E1	27	22	2
Result	ZX	11,50 TO			1	32	30	1 31			1 57	51	37	23	2
Result 1/12/2015	ZX FOL29FW	11,50 TO 17,22 TO	4		1	32		31	28	47	57	51	37	23 1	2
	FOL29FW PCA2849	11,50 TO 17,22 TO 14,46 TO	4		1	32	30	31			1 57	51	37	23	2
	FOL29FW PCA2849 PCA2855	11,50 TO 17,22 TO 14,46 TO 14,34 TO	4 339 1 4 1		1	32		31	28	1	1 57			23	2
1/12/2015	ZX FOL29FW PCA2849 PCA2855 ZX	11,50 TO 17,22 TO 14,46 TO 14,34 TO 11,50 TO	4 339 1 4 1 7		1	32	30	1 31	1	1	1 1	51		23	2
	FOL29FW PCA2849 PCA2855 ZX PCA2849	11,50 TO 17,22 TO 14,46 TO 14,34 TO 11,50 TO 14,46 TO	4 339 1 4 1		1	32	30	1 31	28	1	1		1	1 1	
1/12/2015 2/12/2015	FOL29FW PCA2849 PCA2855 ZX PCA2849 ZX	11,50 TO 17,22 TO 14,46 TO 14,34 TO 11,50 TO 14,46 TO 11,50 TO	4 339 1 4 1 7		1	32	30	1 31	1	1	1 1 2		1 2	1 1	
1/12/2015	ZX FOL29FW PCA2849 PCA2855 ZX PCA2849 ZX FOL2991	11,50 TO 17,22 TO 14,46 TO 14,34 TO 11,50 TO 14,46 TO 11,50 TO 18,80 TO	4 339 1 4 1 7 5 9		1	32	1	1 31	1 1 2	1 1 1 1 1	1		1 2 1	1 1	
1/12/2015 2/12/2015	FOL29FW PCA2849 PCA2855 ZX PCA2849 ZX FOL2991 PCA2849	11,50 TO 17,22 TO 14,46 TO 14,34 TO 11,50 TO 11,50 TO 18,80 TO 14,46 TO	4 339 1 4 1 7 5 9		1	32	1 1	1	1 1 2 2	1 1 1 1	1		1 2 1	1 1	
1/12/2015 2/12/2015 3/12/2015	FOL29FW PCA2849 PCA2855 ZX PCA2849 ZX FOL2991 PCA2849 ZX	11,50 TO 17,22 TO 14,46 TO 14,34 TO 11,50 TO 14,46 TO 11,50 TO 18,80 TO 14,46 TO 11,50 TO	4 339 1 4 1 7 5 9 1 1 6		1	1 1 1	1	1 1	1 1 2 2 2	1 1 1 1 1 1 1	1		1 2 1 1 1 1	1 1 2	
1/12/2015 2/12/2015	FOL29FW PCA2849 PCA2845 ZX PCA2849 ZX FOL2991 PCA2849 ZX FOL2991 PCA2849 ZX PCA2849	11,50 TO 17,22 TO 14,46 TO 14,34 TO 11,50 TO 14,46 TO 18,80 TO 14,46 TO 11,50 TO 14,46 TO	4 339 1 4 1 7 5 9		1	1 1 1	1 1 1 1 1 1 1	1	28 1 1 2 2 2 1 2	1 1 1 1 1	1 1 2 2 1 1 1 1 1		1 2 1	1 1 2	
1/12/2015 2/12/2015 3/12/2015 4/12/2015	TX FOL29FW PCA2849 PCA2855 ZX PCA2849 ZX FOL2991 PCA2849 ZX FOL2991 PCA2849 ZX PCA2849 ZX	11,50 TO 17,22 TO 14,46 TO 14,34 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO	4 339 1 4 1 7 5 9 1 1 6		1	1 1 1	1 1	1	28 1 1 2 2 2 1 2	1 1 1 1 1 1	1 1 2 2 1 1 1 1 1		1 2 1 1 1 1	1 1 2	
1/12/2015 2/12/2015 3/12/2015	FOL29FW PCA2849 PCA2855 ZX PCA2849 ZX FOL2991 PCA2849 ZX FOL2991 PCA2849 ZX PCA2849 ZX PCA2849	11,50 TO 17,22 TO 14,46 TO 14,34 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO	4 339 1 4 1 7 5 9 1 1 6		1	1 1 1	1 1 1 1 1 1 1	1	28 1 1 2 2 2 1 2	1 1 1 1 1	1 1 2 2 1 1 1 1 1		1 2 1 1 1 1	1 1 2	
1/12/2015 2/12/2015 3/12/2015 4/12/2015	ZX FOL29FW PCA2849 PCA2855 ZX PCA2849 ZX FOL2991 PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX	11,50 TO 17,22 TO 14,46 TO 14,34 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO	4 339 1 4 1 7 5 9 1 1 6		1	1 1 1	1 1 1 1 1 1 1	1	28 1 1 2 2 2 1 2	1 1 1 1 1 1	1 1 2 2 1 1 1 1 1		1 2 1 1 1 1	1 1 2	
1/12/2015 2/12/2015 3/12/2015 4/12/2015	ZX FOL29FW PCA2849 PCA2849 PCA2855 ZX PCA2849 ZX FOL2991 PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849	11,50 TO 17,22 TO 14,46 TO 14,34 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO	4 339 1 4 1 7 5 9 1 1 6 7 6 3 3 4 1		1	1 1 1 2	1 1 1 1 1 1 1 1	1 1 1 1	28 1 1 2 2 2 1 2	1 1 1 1 1 1	1 1 2 2 1 1 1 1 1	1	1 2 1 1 1 2	1 1 2 2	
1/12/2015 2/12/2015 3/12/2015 4/12/2015 5/12/2015 7/12/2015	ZX FOL29FW PCA2849 PCA2849 PCA2855 ZX PCA2849 ZX FOL2991 PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX	11,50 TO 17,22 TO 14,46 TO 14,34 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO	4 339 1 4 1 7 5 9 1 1 6 7 6 3 3 4 1 9		1	1 1 2	1 1 1 1 1 1 1 1	1 1 1 1 1	28 1 1 2 2 2 1 2	1 1 1 1 1 1	1 1 2 2 1 1 1 1 1		1 2 1 1 1 1	1 1 2 2	
1/12/2015 2/12/2015 3/12/2015 4/12/2015	ZX FOL29FW PCA2849 PCA2849 PCA2855 ZX PCA2849 ZX FOL2991 PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849	11,50 TO 17,22 TO 14,46 TO 14,34 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO	4 339 1 1 4 1 7 7 5 5 9 9 1 1 6 6 7 7 6 6 3 3 4 1 1 9 9 4 5 5		1	1 1 1 2 2 2	1 1 1 1 1 1 1 1	1 1 1 1 1	28 1 1 2 2 2 1 2	1 1 1 1 1 1	1 1 1 1 1 1 1	1	1 2 1 1 1 2	1 1 2 2	
1/12/2015 2/12/2015 3/12/2015 4/12/2015 5/12/2015 7/12/2015	TX FOL29FW PCA2849 PCA2849 PCA2855 ZX PCA2849 ZX FOL2991 PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 PCA2849	11,50 TO 17,22 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 18,80 TO 14,46 TO 11,50 TO 14,46 TO	4 339 1 4 1 7 5 9 1 1 6 7 6 3 3 4 1 9		1	1 1 1 2 2 2 2	1 1 1 1 1 1 1 1	1 1 1 1 1	28 1 1 2 2 2 1 2	1 1 1 1 1 1	1 1 1 1 1 1 1 2 2	1	1 2 1 1 1 2	1 1 2 2	
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1/12/2015 2/12/2015 3/12/2015 4/12/2015 5/12/2015 7/12/2015	ZX FOL29FW PCA2849 PCA2849 PCA2855 ZX PCA2849 ZX FOL2991 PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849	11,50 TO 17,22 TO 14,46 TO 14,34 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO	4 339 1 4 1 7 5 9 1 6 7 6 3 4 1 9 4 5 2 4 6 7 6 6 7 6 6 7 6 6 7 6 6 7 6 6 7 6 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8			1 1 1 2 2 2 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1	28 1 1 2 2 2 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1 1 2 2	1	1 2 1 1 1 2 2	1 1 2 2	
1/12/2015 2/12/2015 3/12/2015 4/12/2015 5/12/2015 7/12/2015	ZX FOL29FW PCA2849 PCA2849 PCA2855 ZX PCA2849 ZX FOL2991 PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 PCA2849 PCA2855	11,50 TO 17,22 TO 14,46 TO 14,34 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO	4 339 1 4 1 7 5 9 1 6 7 6 3 4 1 9 4 5 2 4			1 1 2 2 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1	28 1 1 2 2 2 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1 1 2 2	1 1 1 1	1 2 1 1 1 2 2	1 1 2 2	
1/12/2015 2/12/2015 3/12/2015 4/12/2015 5/12/2015 7/12/2015	ZX FOL29FW PCA2849 PCA2849 PCA2855 ZX PCA2849 ZX FOL2991 PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 PCA2849 PCA3970 ZX PCA2849 PCA2849 PCA2849 PCA2870 PCA2849 PCA2849 PCA2870	11,50 TO 14,46 TO 14,34 TO 14,34 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 16,40 TO 14,34 TO 16,64 TO	4 339 1 4 1 7 5 9 1 6 7 6 3 4 1 9 4 5 2 4 6 6 7 6 7 6 6 7 6 6 7 6 6 7 6 6 7 6 7 8 8 8 9 9 8 8 8 8 8 8 8 8 8 8 8 8 8			1 1 2 2 2 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1	28 1 1 2 2 2 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1 1 2 2	1 1 1 1	1 2 1 1 2 2 1 1 2 2	1 1 2 2	
1/12/2015 2/12/2015 3/12/2015 4/12/2015 5/12/2015 7/12/2015 8/12/2015	ZX FOL29FW PCA2849 PCA2849 PCA2855 ZX PCA2849 ZX FOL2991 PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 PCA2849 PCA3970 ZX PCA2849 PCA2855 PCA3973 ZX	11,50 TO 14,46 TO 14,34 TO 14,34 TO 11,50 TO 18,80 TO 11,50 TO 11,50 TO 11,50 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 16,40 TO 11,50 TO 14,46 TO 11,50 TO 11,50 TO 11,50 TO 11,50 TO 11,50 TO 11,50 TO 11,50 TO	4 339 1 1 4 1 1 7 7 5 5 9 9 1 1 6 6 7 7 6 6 3 3 4 4 1 1 9 9 4 4 5 5 2 2 4 4 6 6 2 2 1 1 5 5			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 2	1 1 1 1	28 1 1 2 2 2 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 2 2	1 1 1 1	1 1 2 2 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 2 2	
1/12/2015 2/12/2015 3/12/2015 4/12/2015 5/12/2015 7/12/2015	ZX FOL29FW PCA2849 PCA2849 PCA2855 ZX PCA2849 ZX FOL2991 PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 PCA3970 ZX PCA2849 PCA2855 PCA2849 PCA2849 PCA2849 PCA2849 PCA2849 PCA2849	11,50 TO 17,22 TO 14,46 TO 11,50 TO 11,50 TO 11,50 TO 11,50 TO 11,46 TO 11,50 TO 14,46 TO 14,46 TO 14,46 TO	4 339 1 1 4 1 7 7 5 5 9 9 1 1 6 6 7 7 6 6 3 3 4 4 1 1 9 9 4 4 5 5 2 2 4 4 6 6 2 2 1 1 5 5 1 1 1			1 1 1 1 1 2 2	1 1 1 1 1 1 1 1	1 1 1 1	28 1 1 2 2 2 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1 1 2 2	1 1 1 1	1 2 1 1 2 2 1 1 2 2	1 1 2 2	
1/12/2015 2/12/2015 3/12/2015 4/12/2015 5/12/2015 7/12/2015 8/12/2015	ZX FOL29FW PCA2849 PCA2849 PCA2855 ZX PCA2849 ZX FOL2991 PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 ZX PCA2849 PCA2849 PCA3970 ZX PCA2849 PCA2855 PCA3973 ZX	11,50 TO 14,46 TO 14,34 TO 14,34 TO 11,50 TO 18,80 TO 11,50 TO 11,50 TO 11,50 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 11,50 TO 14,46 TO 16,40 TO 11,50 TO 14,46 TO 11,50 TO 11,50 TO 11,50 TO 11,50 TO 11,50 TO 11,50 TO 11,50 TO	4 339 1 1 4 1 1 7 7 5 5 9 9 1 1 6 6 7 7 6 6 3 3 4 4 1 1 9 9 4 4 5 5 2 2 4 4 6 6 2 2 1 1 5 5			1 1 1 1 1 2 2	1 1 1 1 1 1 1 1 1 1 2	1 1 1 1	28 1 1 2 2 2 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 2 2	1 1 1 1	1 1 2 2 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 2 2	

	PCA2849	14,46 TO	7				2	1	1				1	1	1	
	PCA2855	14,34 TO	3						1	1	1					
	ZX	11,50 TO	5				1	1	1	1			1			
14/12/2015	PCA2849	14,46 TO	7				1			1	1		1	2	1	
	PCA2855	14,34 TO	1					1								
	ZX	11,50 TO	1						1							
15/12/2015	PCA2849	14,46 TO	5					1	1	1			1		1	
	ZX	11,50 TO	12					4		1	2	2	1	1		1
16/12/2015	FOL2991	18,80 TO	1								1					
	PCA2849	14,46 TO	9				2			2	1	1	1		2	
	ZX	11,50 TO	4						1	1			2			
17/12/2015	FOL29FW	17,22 TO	1										1			
	PCA2849	14,46 TO	8				2	1	1	1	1	1	1			
	ZX	11,50 TO	13				1	1		5	1	1	1	2	1	
18/12/2015	PCA2849	14,46 TO	7				1	1		2	2		1			
	ZX	11,50 TO	8					1	1	1	1	1		2	1	
19/12/2015	PCA2849	14,46 TO	4					1	1	2						
21/12/2015	FOL2991	18,80 TO	1					1								
	PCA2855	14,34 TO	3					1			1			1		
	ZX	11,50 TO	7				1		2		2	2				
22/12/2015	FOL29FW	17,22 TO	1					1								
	PCA2855	14,34 TO	6					1	2					2	1	
	ZX	11,50 TO	3				1	1					1			
23/12/2015	PCA2855	14,34 TO	10			1	2	2		2	1	2				
	ZX	11,50 TO	12				1	2		3	2	1	1			
Result			246			1	27	36								1
			1,711	1		5	196	173			208					9
			3,530	1		14	399	386	380	443	443	344	445	391	243	41