



Providing The Foundations For a Better Tasmania

TAS QUARRIES PTY LIMITED

225-299 Badger Head Road Badger Head Tasmania 7270

ABN:78 167 218 573 ACN:167 218 573

Office: 03 6383 4122 Mob:0438 856 557

www.tasquarries.com.au talal@tasquarries.com.au

Exploration Licence 29/2014

York town Rivulet

Tasmania

Annual Report

2015-2016

Abstract

The focus of field activities and investigations this year was to start a detailed analysis in identifying and sampling material that would be suitable for blending into our badger head sand to obtain suitable construction grade material for concrete and other applications.

Consideration is also to be taken for future carting, and internal road access to our existing fixed wash-grading plant facility.

Planning and consideration of utilizing conveyor belt transport system from pit area to processing site as an alternative to trucks is being costed.

Market interest in the construction sector is growing, with new possibilities suppling the increase demand in the greater Hobart region.

Pit testing have demonstrated good quality and consistent material that is available for future extraction.

More areas to be tested to give a clear understanding of available resource and future mining plan and design implementation.

KEYWORDS

York Town; Badger Head.

Construction sand; Gravel.

Processing; Marketing.

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1.Introduction

Tas Quarries Pty Limited is affiliated with Vic Quarries Pty Limited owns and operate a sand and gravel extraction facility with a mining lease 916P/M (cat 3) located at Badger Head in the North of Tasmania Both companies are managed by Kassem Holdings Pty Limited.

With continuous pit testing and PSD grading, it is envisaged that the natural courser fraction of material will be required in the long term.

On November the 4th 2014 an application was submitted for an exploration Licence over an area measuring 7sq km on the southern and western boundaries of the existing mining lease. And on March the 24th of 2015 an exploration licence EL29/2014(cat3) was granted for a period of 5 years.

It is our belief that this area contains large quantity of the courser material.

In Feb 2015 Tas Quarries applied to upgrade extraction levels from 10,000 tons pa to 50,000 cubic meters sand and 50,000 cubic meters gravel PA. In September 2015 upgrade approval was granted.

During 2014-2015 Tas Quarries introduced an aggregate and sand washing process to enable the supply of a more consistent and higher grade of products.

Tas Quarries commenced full production in October 2015 suppling the concrete manufacturing, filter sand and horse tracks uses state wide.

2. Review of Previous Work

2.1 Desktop Studies

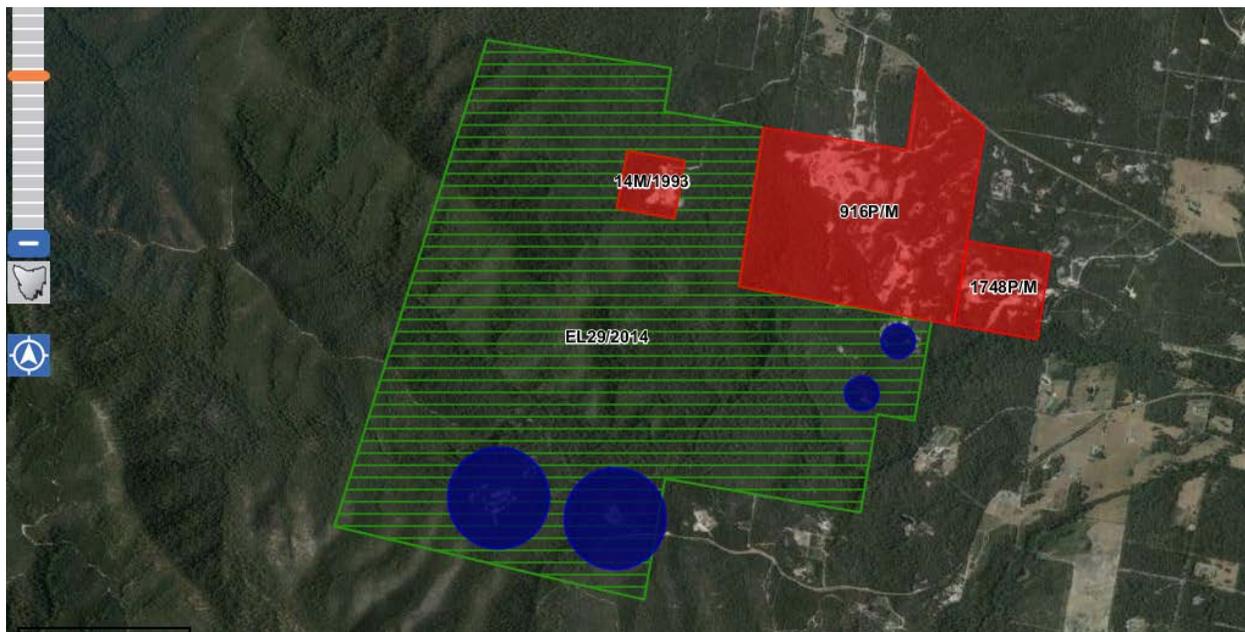
From desktop research there seems to be no previous work done or submitted on this part of the exploration licence.

However, Jones C&LR&MR with Tenement ref- 23m/2000 did have some sort of a lease for Cat 3 Material in the area.

From visual observation and exploration activities there seems to have been lots of shallow surface mining activities and extractions over the past few decades.

Shown

Areas in blue

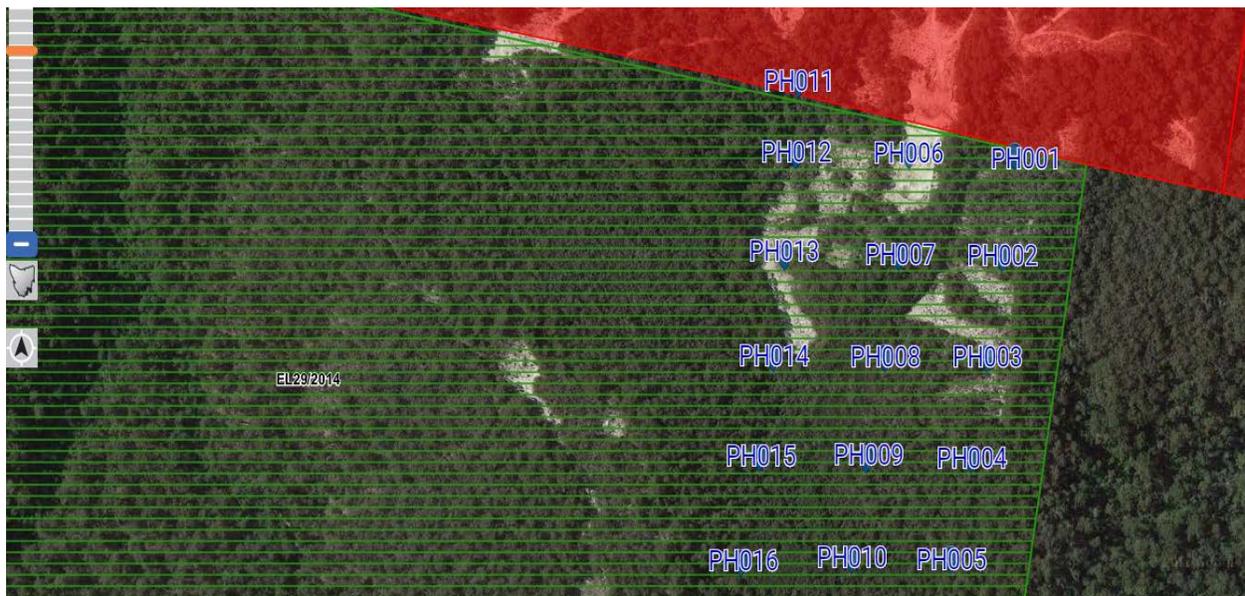
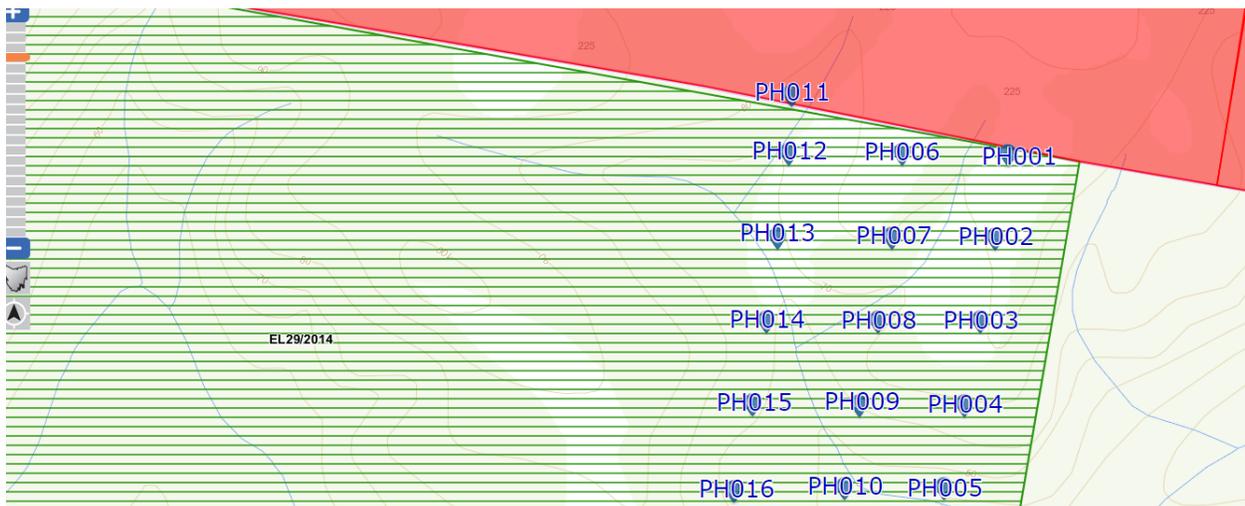


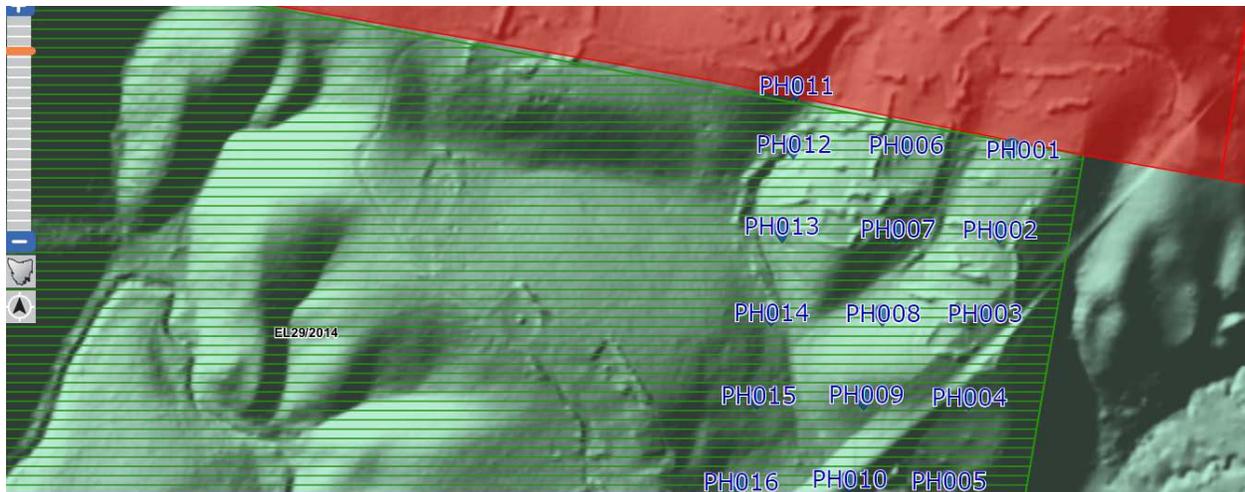
3. Exploration activities completed for period

A 25-ton excavator was used to dig test pits holes to a depth of 5 meters, at 100x100 meters intervals/spacing.

Once finished with visual checks and samples collected for psd testing, all holes were returned to their original states.

Shown Areas plotted





GDA 94 MGA55

PH001	478239E	5444931N
PH002	478229E	5444851N
PH003	478213E	5444771N
PH004	478200E	5444692N
PH005	478181E	5444610N
PH006	478137E	5444934N
PH007	478129E	5444849N
PH008	478117E	5444771N
PH009	478099E	5444693N
PH010	478083E	5444611N
PH011	478034E	5444991N
PH012	478027E	5444934N
PH013	478018E	5444855N
PH014	478008E	5444774N
PH015	477995E	5444692N
PH016	477980E	5444609N

3.1 Statistical Summary

PSD Test Boral Launceston

PSD Test PGD Mowbray Launceston

Chemical analysis Brisbane ALS Test Results

4.Results

Appendix 1 PSD Results ROM

Appendix 2 PSD Results Sub 600 micron

Appendix 3 PSD Results Rock

5.Community Relations

Prior to any pit hole test being conducted, our adjoining neighbors were fully advised and explained in details what was occurring on the days of testing.

6.Conclusions and Recommendations

It is recommended to continue with pit test and mapping areas of the available resources for the next 12 months.

7.Proposed Future Activities

It is proposed to continue the exploration and testing activities in an orderly systematic approach over the same pattern we have started. Areas that are of interest, a Mining Licence application will be lodge over.

8. Environment and surface -disturbing activities

On completion of each pit test hole they were filled and returned to their natural state. Marker tape were also removed; no traces of activities was left on site.

9.Expenditures

To end of March 2016 (actual)	\$55,000
Estimate end of March 2017	\$85,000

APP 1

Moisture Content	2.1.1	n/a	%	cracking	curling	crumbling
Particle Size Distribution	3.6.1					
finer than	mm					
	75		%			
	37.5		%			
	26.5		%			
	19		%			
	13.2		%			
	9.5		%			
	6.7	100	%			
	4.75	99	%			
	2.36	86	%			
	1.18	71	%			
	0.600	60	%			
	0.425	54	%			
	0.300	47	%			
	0.150	23	%			
	0.075	12	%			
		Accredited for compliance with ISO/IEC 17025 Laboratory Accreditation No 15466		 Approved signatory M.E. Shipp		date of issue 14/01/15

Moisture Content	2.1.1	n/a	%	cracking	curling	crumbling
Particle Size Distribution	3.6.1					
finer than	mm		%			
	75		%			
	37.5		%			
	26.5		%			
	19		%			
	13.2		%			
	9.5		%			
	6.7		%			
	4.75		%			
	2.36		%			
	1.18		%			
	0.600	100	%			
	0.425	99	%			
	0.300	95	%			
	0.150	59	%			
	0.075	15	%			



Accredited for compliance with ISO/IEC 17025
Laboratory Accreditation No 15466

Approved signatory
M.E. Shipp

date of issue
22/05/15

APP 2

APP 3

sample description	crushed rock screenings
test report No	0186/14/1M/HAA
test method	AS1141.22 Wet/Dry Strength Variation
Wet Strength	50 kN
Dry Strength	60 kN
Wet/Dry Strength Variation	17 %
Fraction Tested	-19.0 + 9.5mm
Cylinder Size	150mm
Comments	



APP4



32 Shand Street
 Stafford
 Brisbane QLD 4053
 Phone: +61 (7) 3243 7222 Fax: +61 (7) 3243 7218
 www.alsglobal.com

Project: SILICA ANALYSIS

Total # Pages: 2 (A - B)
 Plus Appendix Pages
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 Account: KASHOL

CERTIFICATE OF ANALYSIS BR14134515

Sample Description	Method Analyte Units LOR	ME-PKC85	ME-PKC85	ME-PKC85	ME-PKC85	ME-PKC85	O4-CSA05	ME-CON02	ME-PKC85							
		SiO2 %	Al2O3 %	Fe2O3 %	TiO2 %	Cr2O3 ppm	LOI %	Fe %	CaO %	Cu %	K2O %	MgO %	MnO %	Na2O %	P2O5 %	V2O5 %
		0.1	0.001	0.001	0.001		1	0.01	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
KAS-1 Raw		99.5	0.096	0.038	0.155	3	0.13	0.012	0.005	<0.001	0.019	0.010	<0.001	0.019	0.003	0.001
KAS-2 RAW		99.7	0.065	0.019	0.108	2	0.07	<0.001	0.004	<0.001	0.012	0.007	<0.001	0.018	0.002	<0.001
KAS-2 AFTER ACID WASH		99.7	0.065	0.019	0.107	2	0.06		0.004	<0.001	0.012	0.007	<0.001	0.018	0.002	<0.001

Comments: ME-CON02 represents amount of leached Fe by HCl digestion.

***** See Appendix Page for comments regarding this certificate *****

FIG 1

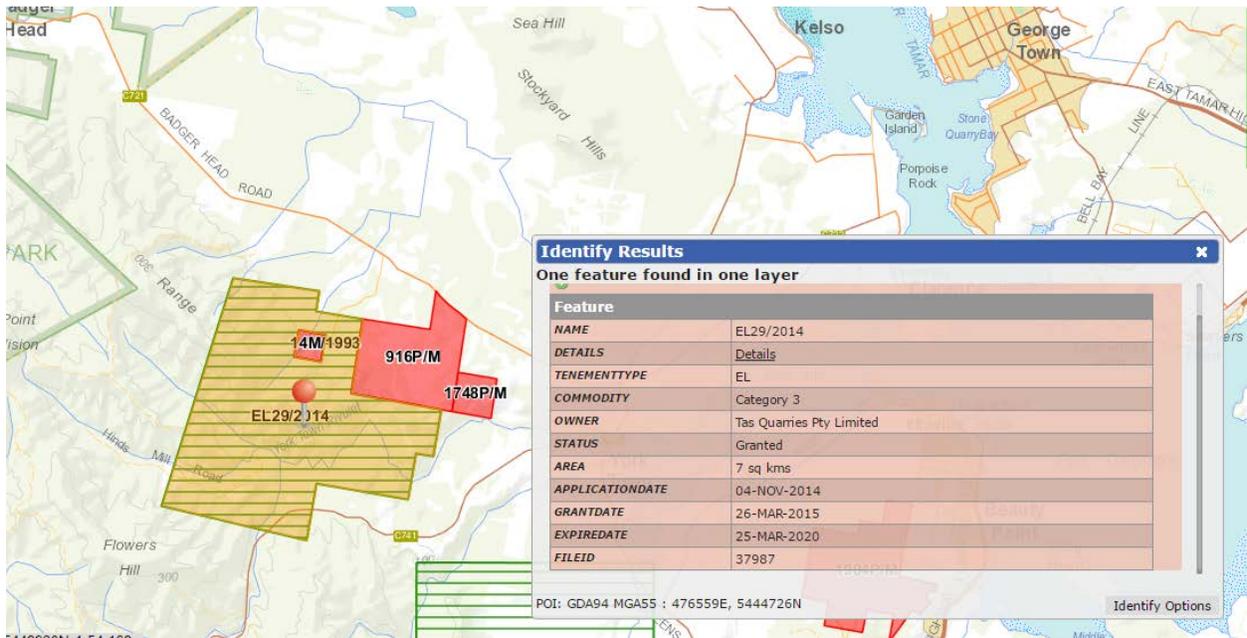
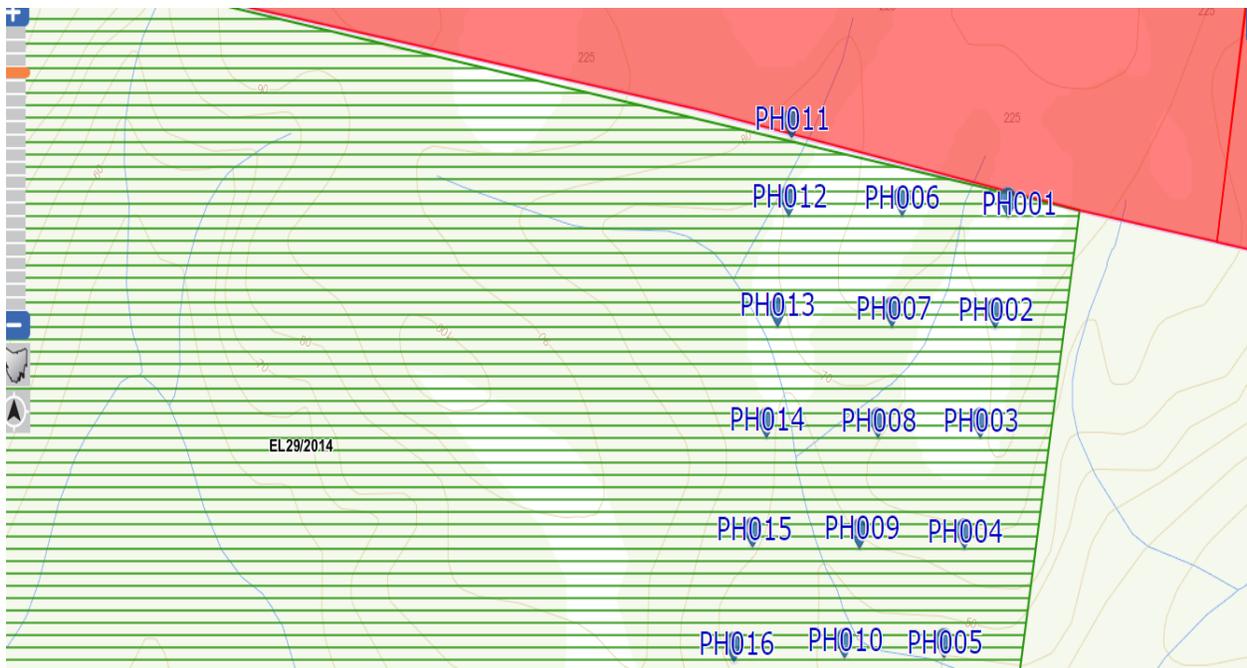


FIG2



END OF REPORT