Martins Creek Andesite Quarry Geology Assessment - Drill Hole E4	This figure may be which has not be not be to scale. U otherwise, this fig only and yot does
Appendix E	,
1 of 3	
V1 02/09/2015	
	Assessment - Drill Hole E4 Appendix E 1 of 3





Version/Date:	V1 02/09/2015				
Location:	Off Station Street, Martins Creek, New South Wales	Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_E4_V1.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Project: Martins Creek Job Number: 1217 Hole Depth: 48 m

Drilling Co: Total Drilling

Logged By: Greg Thomson Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
		0 -	တ	S	
Ground Surface Slightly Weathered Latite - Grey brown	0-	2002			-
Signify Weathered Lattle - Grey brown	-	2,3		3	
	1-	0000			GR 6397578, 370334
	-	· 양영		3	RL 92m
	2-	0000			
	-	일 일		3	
	3-	0000			NEW TOWNS AND ADDRESS OF THE PARTY OF THE PA
		4		3	
	4-	0000		1	and the second s
	5-	5 3.		'	
	-	0000		1	127023
	6-	60.00			Consider
Latite- Grey with red brown (15%)	-	2008		1	
	7-	0000			
	-	26.8		1	
	8-	0 O O O			
	-	26.8		1	
	9-	0000			
	-	26.8		1	
	10-	0 O O 0			
	44-	200		1	
	11-	0 D D 0		1	
	12-	200		'	
	-	0 D D 0		1	
	13-	50 S			
	-	0000		1	
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	-	್ರಾ		1	
	15-	5,3			
	-	್ರಾ		1	
	16-	200			
	47	800		1	· Charles
	17-	50		1	TOP STATE
	18-	8000 6000		1	
	10-	3,00		1	THE STATE OF THE S
	19-	300g		'	1
		25		1	
	20-	2020			
J Irl 4/30 Glanwood Driva Thornton NSW 2322 PO Roy 2335 Greanhills NSM		76.79			

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole E4	This figure may be which has not been not be to scale. Un otherwise, this figure only and yot does not be to see the seed of t
Figure:	Appendix E	only and vgc doco i
Sheet:	2 of 3	
Version/Date:	V1 02/09/2015	

This figure may be based on third party data which has not been verified by vgt and may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and vgt does not warrant its accuracy.



Version/Date:	V1 02/09/2015				
Location:	Off Station Street, Martins Creek, New South Wales	Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_E4_V1.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Drill Hole Number: Martins Creek 2015 E4

Project: Martins CreekJob Number: 1217Hole Depth: 48 mDrilling Co: Total DrillingLogged By: Greg ThomsonHole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
Latite- Grey with red brown (15%)	-	00°00°		1	
	21-	2000 2000 2000 2000		1	
	22-	2002 2002		1	
	23-	200% 200%		1	
	24-	600°			
	25-	5000		1	
	26-	50°		1	
	27-	2000 2000		1	
	28-	2000		1	
	29-	2002 2002		1	
	-	್ಟೆಂದ್ರಿ ಬಿಂದಿ		1	
	30-	600°		2	
	31-	00°		1	
	32-	500%		1	
	33-	30°		2	
	34-	30°%			
	35-	2002		2	
	36-	2002 2002		2	
	37-	200°		1	
	38-	000°		1	
	-			1	
	39-	00%		1	
Ltd 4/30 Glenwood Drive. Thornton NSW 2322 PO Box 2335. Greenhills NSV	40-	ಭೆಯ			

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole E4	Thi wh not oth
Figure:	Appendix E	7 "
Sheet:	3 of 3	
Version/Date:	V1 0209/2015	



Version/Date:	V1 0209/2015				
Location:	Off Station Street, Martins Creek, New South Wales	Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_E4_V1.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Project: Martins Creek Job Number: 1217 Hole Depth: 48 m

Drilling Co: Total Drilling **Logged By:** Greg Thomson Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
	- 41-	30°5°		1	STATE
	-	2000 2000 2000		2	
Sandstone - Red brown	42-	0000 5000		3	6928300
Fine to medium grained, soft and clayey at top.	43-			3	
	44-			3	
Sandstone- Grey	45-			3	
Fine grained	46-			3	
	47-				
	48-			3	
	49-				
	50 -				
	51-				
	52 -				
	53-				
	54-				
	-				
	55-				
	56-				
	57-				
	58-				
	59-				
	60-				

	Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole E5	This figure may be based on third party which has not been verified by vgt and not be to scale. Unless expressly agree otherwise, this figure is intended as a g only and vot does not warrant its accura	may ed uide	
ı	Figure:	Appendix E	,		
ı	Sheet:	1 of 2			
ı	Version/Date:	V1 02/09/2015			
ı	Location:	Off Station Street, Martins Creek, New South V	Vales Source:		VGT Pt



version/Date:	V1 02/09/2015				
Location:	Off Station Street, Martins Creek, New South Wales	Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_E5_V1.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

 Project: Martins Creek
 Job Number: 1217
 Hole Depth: 42m

 Drilling Co: Total Drilling
 Logged By: Greg Thomson
 Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
Ground Surface	0-				
Extremely Weathered Latite - Cream				3	
Very soft	1_			3	CD 6200100 270272
	'-			0	GR 6398188, 370272 RL 75m
Slightly Weathered Latite - Grey brown		చింది		3	and the second second
Moderately hard to hard	2-	27.5			
	-	9705		3	
	3-	5°, S			200
	-	0000		3	
	4-	문양			
	-	0000		3	
	5-	1202			
	-	308		2	
	6-	చ్చింద్రా			
	-	ిగ్గి		2	
	7-	2002			
	_	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		2	
	8-	0000		_	
		700 H		3	TO THE CA
	9-	0000		3	
	9-	15000 B			
	-	600		1	70-
Latite - Grey, red brown	10-	యంస్థ		_	
	-	20,53		1	
	11-	2002			
	-	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		2	
	12-	0000			
	-	26.8		2	
	13-	0000			
	-			1	
	14-	6000			
	-	2000		1	
	15-	20.5			
	-	9705		1	
	16-	~~~S			
	_	6000 6000		1	
	17-	000			
		0000		1	
	18-	2000 0000			
	10-	0000		4	
				1	
	-	970ರಿ		•	
	19-	9700			
	19- 20-	970ರಿ		1	

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole E5	This fig which h not be t otherwi		
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Version/Date:	V1 02/09/2015			





Version/Date:	V1 02/09/2015				
Location:	Off Station Street, Martins Creek, New South Wales	Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_E5_V1.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Project: Martins CreekJob Number: 1217Hole Depth: 42mDrilling Co: Total DrillingLogged By: Greg ThomsonHole Dia: 100mm

Description	۲	hic	ole	igth	Remarks
	Depth	Graphic Log	Sample	Strength	Remarks
Latite - Grey, red brown	-	2000 2000		1	- Control of the Cont
	21-	0000 00000		1	A SAME
	22-	್ಟ್ ಭಾರತ್ತ ಕೃತ್ತಾ		2	
	23-				
	24 -	200%		2	
	25 -	2005 0005		2	
	-	2002		3	****
	26 - -	ಭೆಂದಿ		3	
	27 -	600°		3	
	28-	SOS,		2	
	29-				
	30-	2008 2008		2	
	- 31-	202		1	
	-	್ಟ್ ೧೦%		1	
	32-			2	() () () () () () () ()
	33-	200%		2	
	34-	2003 2003			- 285
	35-	2000		1	
	36 -	್ಟ್ ೧೦೦		1	
	- 37 -	000 0000		3	
Latite / Sandstone - Grey	-			2	
	38-			3	The second
Sandstone - Grey brown,	39 -			3	
Medium to coarse grained.	40-			Ŭ	

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole E6	which h not be t otherwis	ure may be based on third party data as not been verified by vgt and may o scale. Unless expressly agreed se, this figure is intended as a guide d vot does not warrant its accuracy.	
Figure:	Appendix E	Only an	u vgt does not wanant its accuracy.	
Sheet:	1 of 2			
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Location:	Off Station Street, Martins Creek, New South W	/ales	Source:	VGT Pty Ltd



VCI SIOII/Dutc.	V 1 02/00/2010				
Location:	Off Station Street, Martins Creek, New South Wales	Street, Martins Creek, New South Wales Source:		Our Ref:	1217_MCGA_Bore Hole_E6_V1.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Project: Martins CreekJob Number: 1217Hole Depth: 29 mDrilling Co: Total DrillingLogged By: Greg ThomsonHole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks	
Ground Surface	0-					
No sample	1-				GR 6397731, 371118, RL 132m	Average 1
Weathered Sandstone- brown	2-					
Very few sample return, soft, clayey, extremely weathered.	-			3		5000
· · · · · · · · · · · · · · · · · · ·	3-			3		ACCEPTANT
	4-					CONTRACTOR OF STREET
	5-			3		83-25
	-			3		三
	6-			3		
	7-			3		STEEN STEEN
Weathered Claystone- red brown	- 8-					1900
	9-			2		
	10-			2		No.
Weathered Sandstone - grey brown	7 10-					G-50-54
ine to medium				2		
	11-			2		
	10			4		See Maria
Weathered Sandstone- grey brown	12-					-
Coarse, mod soft, can break in fingers, volcano-lithic				2		WARE THE
source. Occassional claystone bands, soft,	13-			_		54.5
	-			2		
	14-					The state of the s
	-			2		
	15-					
	-			2		THE STATE OF
	16-			2		P. A.S.
	17-					FRE
	-			2		7.00
	18-			2		2000
	19-					STATE OF THE PARTY
	20-			2		2000年

Plan of:	Assessment - Drill Hole E6	This figure may be based on third party data which has not been verified by vgt and may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and vgt does not warrant its accuracy.	vot.			
Figure:	Appendix E	only and vgc does not warrant its accuracy.			vyc	
Sheet:	2 of 2				Environmental Compliance Solutions	
Version/Date:	V1 02/09/2015				Common	
Location:	Off Station Street, Martins Creek, New South Wa	ales Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_E6_V1.cdr	
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD	
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT	
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton	

Project: Martins Creek Job Number: 1217 Hole Depth: 29 m

Drilling Co: Total Drilling Logged By: Greg Thomson Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
Weathered Sandstone- grey brown Coarse, mod soft, can break in fingers, volcano-lithic source. Occassional claystone bands, soft,	21- 22- 23- 24- 25- 26- 27- 28- 30-			2 2 2 2 2 2 2 2	
	31- 32- 33- 34- 35- 36-				
	37- - - 38- - - 39- - -				

Plan of:	Assessment - Drill Hole E7	This figure may be based on third party data which has not been verified by vgt and may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and vgt does not warrant its accuracy.			VO	••••	
Figure:	Appendix E	only and vgt obes not warrant its accuracy.		ν <u>c</u>			
Sheet:							
Version/Date:	V1 02/09/2015				Solutions		
Location:	Off Station Street, Martins Creek, New South Wa	ales Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_E7_V1.cdr		
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD		
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT		
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton		

Project: Martins Creek Job Number: 1217 Hole Depth: 14 m

Drilling Co: Total Drilling

Logged By: Greg Thomson

Pate: March 2015

Logged By: Greg Thomson

Hole Dia: 100mm

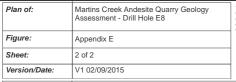
Description	Depth	Graphic Log	Sample	Strength	Remarks	
Ground Surface	0-					
Soil and roots - brown	7 0-	**************************************		3		The state of the s
Slightly Weathered Latite - Grey brown	آ _د آ	ದ್ದೆಂದ್ರ		3	OD 0207744 270070	
Mod hard to hard, phorphryitc texture	'-	200%		2	GR 6397711, 370978 RL 120m	ALCO THE STATE OF
	-	చింది		3		
	2-	2005		0		
	3-	200		2		
	3-	్గ్రీ		2		
		3000 3000		2		
	4-	4		2		Separate Marie Mar
	-	0000		2		
Very Weathered Latite - brown	5-					-
Soft, friable, clayey				2		
Weathered sandstone- Orange brown	6-			2		
Fine to coarse grained, volcano-lithic source, welded in part, mod hard, can break in fingers,	7-			2		
mod mard, can break in inigers,	'-			2		(A. Ma
	8-					
	0-			2		1
	9-			2		Bross.
]]-			2		aduba.
	10-			2		
	10-			2		-
	11-					
	''-			2		
	12-			2		
	12-			2		
	13-			2		
	'3_			2		Village
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	15-					
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Plan of:	Assessment - Drill Hole E8	nis figure may be based on third party data hich has not been verified by vgt and may but be to scale. Unless expressly agreed herwise, this figure is intended as a guide hery and vgt does not warrant its accuracy.			vot
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Sheet:	1 of 2				Environmental Compliance Solutions
Version/Date:	V1 02/09/2015				OUBURS
Location:	Off Station Street, Martins Creek, New South Wale	es Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_E8_V1.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Project: Martins Creek Job Number: 1217 Hole Depth: 29 m

Drilling Co: Total Drilling Logged By: Greg Thomson Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks	
	۵	<u>ه</u> ا	ΐ	Ŋ		
Ground Surface Latite - Grey, hard, minor red fleck	0-	2002				ALC: NO.
Cannot break in fingers	-	200		2		
	1-	രവര			GR 6397540,370791	AND LESS
	-	5 S		2	RL 59m	到 为你
	2-	0000 6000				
	-	50°C		2		878
		3000 3000		1		TORK
	4-	್ಗೆಗಳ				1.5
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	5-	208				CAN SERVICE SE
	-	ನ್ಕೆಂದ್ದ		1		A Trans
	6-	200				STATE OF THE PARTY
	<u>-</u>	ಬ್ಬಿಂದ್ದಿ		1		continue
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	8-	స్ట్రాస్ట్రి		'		32 100
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	9-	ಭ್ಯಾಸ್ಥಿ				ASSES
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	12-	26.8				COLUMN
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	-	చ్చింద్ది		1		THE POPULATION OF THE POPULATI
	19-	0000				经
	-	చ్చింది		2		
	20-	000				公司发展
L 'Ltd 4/30 Glenwood Drive. Thornton NSW 2322 PO Box 2335. Greenhills NSW		. (00) 1000		·		

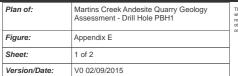




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Location:	Off Station Street, Martins Creek, New South Wales	Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_E8_V1.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Ptv Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Project: Martins Creek Job Number: 1217 Hole Depth: 29 m Drilling Co: Total Drilling **Logged By:** Greg Thomson Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
	-	30°5°		2	
	21-	2000 2000 2000 2000 2000 2000 2000 200		2	
	22-	2002 2002		2	
	23-	್ಟ್ರಿಂಗ್ಡ್ ಭಂಗ್ಲ		2	
	24-	600°		1	
	25-				A A A A A A A A A A A A A A A A A A A
	26-			1	D. Comment
	27-	20°2		2	
	28-	3000 8000 8000		2	
	29-	200°		2	W.C.
	-				
	30-				
	31-				
	32-				
	33-				
	34-				
	35-				
	36-				
	37-				
	38-				
	-				
	39-				
	40-				



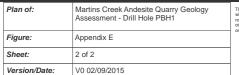


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Location:	Off Station Street, Martins Creek, New South Wa	es Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_PBH1_V0.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Drill Hole Number: Martins Creek 2015 PBH1

Project: Martins Creek Job Number: 1217 Hole Depth: 22 m **Drilling Co:** Precision Drilling Logged By: G THOMSON

		U	0			
Description	Depth	Graphic Log	Sample	Strength	Remarks	
Ground Surface						
Latite - Grey, red brown, hard	0-	ಬ್ಬಿಂಬ್ಡಿ		1		SHEET AND
	1_	0000		'	GR, 6398174,370106	
	· <u>-</u>	200		1	RL 50m	
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	3-	000°				A STATE OF
	-	200		1		
	4-	0000 6000		1		
	5-	200				No.
	-	2002		2		L
	6-	600%				A STATE OF THE PARTY OF
		ಬ್ಬಿಂದ್		2		
	7-	000%		2		THE REAL PROPERTY.
	8-	3000		2		
	-	000°		2		
	9-	200				
	-	0000 6000		2		
	10-	197,89		0		
	11-	2002		2		
	''-	300		2		
	12-	್ಟ್ರೀರ್ಟ್				
	-	0000		2		
Latite - Grey, hard	13-	8000		_		400
	14-	200%		2		PALAGE
		2002		2/1		1
	15-	20000000000000000000000000000000000000				
	-	2000		1		
	16-	0000				WATER STATE OF THE PARTY OF THE
	-	3,5		1		
	17-	0000 0000		1		
	18-	000		ı		NOTE OF
	-	2000		1		
	19-	300				3(4) 3(5)
	-	20°29		1		
	20-	200%				To the same of







version/Date:	V0 02/09/2015				
Location:	Off Station Street, Martins Creek, New South Wales	Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_PBH1_V0.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Project: Martins Creek Job Number: 1217 Hole Depth: 22 m

Drilling Co: Precision Drilling Logged By: G THOMSON Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remark	s
	21-) kg D kg 12kg 42kg		1	Hole terminated By Daracon	**************************************
	22-	01 71 4				
	24-					
	25- 26-					
	27- - 28-					
	29-					
	30-					
	32-					
	34-					
	35- - 36-					
	37 -					
	38-					
4/30 Glenwood Drive, Thornton NSW 2322 PO Box 2335, Greeni	40-					www.vgt.com.au ABN: 79 1

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH2	This figure may be based on third which has not been verified by vont be to scale. Unless expressly otherwise, this figure is intended only and yet does not warrant its
Figure:	Appendix E	only and vgr does not wantan its
Sheet:	1 of 2	
Version/Date:	V0 02/09/2015	1





Version/Date:	V0 02/09/2015				
Location:	Off Station Street, Martins Creek, New South Wales	Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_PBH2_V0.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	то
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Project: Martins Creek Job Number: 1217 Hole Depth: 21 m Drilling Co: Precision Drilling Logged By: G THOMSON Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks	
Ground Surface	0-					
Latite - Grey, hard	_	ಬ್ಬಿಂದ್ದಿ		1		STATE
	1_	0000		'	GR, 6398119, 370174	A DAME TO
	' ₋	ಬ್ಬೆಂಬ್		1	RL 50m	
	2-	್ದಿಂದಿ				AND PARTY.
	_	స్టర్వా		1		
	3-	0000				100000
	-	ಭ್ಯಾಸ್ಥ		1		
	4-	^o Oo,				0.25
	-	2002		1		
	5-	0000		4		SEL
	6-	2008		1		The state of the s
	_	°,00°		1		the same
	7-	200				Section 1
	-	0 D D 0		1		
	8-	~~~~S				
	-	0000		1		
	9-	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				No. of Contract of
	-	රිරෙහි		1		A TOTAL
	10-	್ಗಿನ್ನ		1		
	11-	చ్చింద్ద		'		
	-	200%		1		
	12-	చ్చింద్ది				
	-	200		1		
	13-	చింది				CONTRACTOR OF THE PARTY OF THE
	-	್ಟಿಂದಿ		1		
	14-	ಕ್ಷೆಂಬ್ಲ್		,		
	15.	°O⊙°		1		
	15-	2002		1		THE PARTY OF
	16-	°೧೦%		•		
	-	2000		1		
	17-	OO o				THE REAL PROPERTY.
	-	2008		1		
	18-	പ്റവ്				10000
	-	200		2/3		
	19-	000°				
Sandstone - Grey brown		7100		2		
Fine to medium grained	20-					

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH2	This figure may be ba which has not been v not be to scale. Unle otherwise, this figure only and yot does not
Figure:	Appendix E	only and vgt doco not
Sheet:	2 of 2	
Version/Date:	11/03/2015	



Version/Date:	11/03/2015				
Location:	Off Station Street, Martins Creek, New South Wales	Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_PBH2_V0.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	то
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Drill Hole Number: Martins Creek 2015 PBH2

Project: Martins Creek Job Number: 1217 Hole Depth: 21 m Drilling Co: Precision Drilling

Logged By: G THOMSON

Description	Depth	Graphic Log	Sample	Strength	Remarks
Sandstone - Grey brown				_	
Fine to medium grained	21-			2	
	22-				
	23-				
	24-				
	25 -				
	26-				
	27 -				
	28-				
	29-				
	30-				
	31-				
	33-				
	34-				
	35-				
	36 -				
	37-				
	38-				
	39-				
	40-				

rian or.	Assessment - Drill Hole PBH3	which has not been verified by vgt and may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and vgt does not warrant its accuracy.			vat
Figure:	Appendix E	,			v gc
Sheet:	1 of 2				Environmental Compliance Solutions
Version/Date:	V0 02/09/2015				Constant
Location:	Off Station Street, Martins Creek, New South Wa	ales Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_PBH3_V0.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Cliante	Buttoi Croval Bty Ltd (Daragen Croup)	Contour Interval	NI/A	Office	Thornton

Project: Martins Creek Job Number: 1217 Hole Depth: 29 m

Drilling Co: Precision Drilling Logged By: G THOMSON Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks	
Ground Surface	0-	A %				10050
Latite - Grey	-	2008		1		
	1-	0000			GR 6398041, 370301 RL 51.5m	A CONTRACTOR
	-			1	RL 51.5m	
	2-	هٔ ت⊃ ال				SPER
	-	2,3		1		
	3-	0 D D 0		4		
	4_	2,3		1		PORT !
	· -	970B		1		
	5-					
	-	200		1		
Latite - red brown	6-	200				
	-	~~~~~		1/2		1
	7-	200				A
Sandstone - Red brown	8-			2		
Medium coarse	"-			2		-
	9-			_		
	-			2		in com
Sandstone-Grey, light brown	10-					
Fine grained, silty in part, becomming medium garined	-			2		3-49-2
toward base.	11-					at the
	12-			2		102
	-			2		
	13-			_		
	-			2		AL DESCRIPTION
	14-					是一
	-			2		STATE OF THE
	15-			_		CALL CO
	10-			2		December 1
	16-			2		国立の対
	17-			_		Total State
	-			2		
	18-					
	-			2		STATE OF THE
	19-					TO SERVICE OF
	-			2		To Sale
Ltd 4/30 Glenwood Drive, Thornton NSW 2322 PO Box 2335, Greenhills NSV	20-	1:::::				

Plan of:	Assessment - Drill Hole PBH3	nis riigure may be based on triird party data hich has not been verified by vgt and may ot be to scale. Unless expressly agreed therwise, this figure is intended as a guide nly and vgt does not warrant it accuracy.			vot
Figure:	Appendix E	,,-			v 9c
Sheet:	2 of 2				Environmental Compliance Solutions
Version/Date:	V0 02/09/2015				Constant
Location:	Off Station Street, Martins Creek, New South Wal	les Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_PBH3_V0.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Drill Hole Number: Martins Creek 2015 PBH3

Project: Martins Creek Job Number: 1217 Hole Depth: 29 m Drilling Co: Precision Drilling

Logged By: G THOMSON

Date: March 2015

Description	Depth	Graphic Log	Sample	Strength	Remarks
	21- 22- 23- 24- 25- 26- 27-		S	2 2 2 2 2/1 2/1 1	
	28			2/1	

40-

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH4	This figure may be base which has not been veril not be to scale. Unless otherwise, this figure is it only and yot does not we
Figure:	gure: Appendix E	
Sheet:	1 of 2	
Version/Date:	V0 02/09/2015	
Location:	Off Station Street, Martins Creek, New South V	Vales Source:



Vers	sion/Date:	V0 02/09/2015				
Loca	ation:	Off Station Street, Martins Creek, New South Wales	Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_PBH4_V0.cdr
Cou	ıncil:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tent	ures:	N/A	Projection:	N/A	Project Manager:	GVT
Clie	nt:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Project: Martins Creek Job Number: 1217 Hole Depth: 29m Drilling Co: Precision Drilling Logged By: G THOMSON Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks	
Ground Surface	0-					
Latite - Grey, hard		ಬ್ಬಿಂದ್		1		
	1_	000		'	GR 6397989, 370295	CONTRACT OF THE PARTY OF
	'_	ಬ್ಬಿಂಬ್		1	RL 50m	
	2-			·		articular to the
	-	చింది		1		
	3-	600				opposite the
	-	ಲ್ಲಿಂಗ್ಡ್		1		
	4-	600%				KATERONO
	-	ಬ್ಬಿಂಬ್ಡ್		1		N. A. S.
	5-	600				CHANGE
	-	ಬ್ಬಿಂಬ್ಡ್		1		1
Latite - Red brown	6-	200				
	-	200		1		ACTION
	7-	8705		_		Contract of
	-	27.5		2		
Sandstone- Grey, light brown	8-			0		AMERICA
Medium grained	9-			2		
]]-			2		
	10-			_		
				2		ALE TOO
	11-					STATISTICS.
	-			2		
	12-					SUB-RESCH
	-			2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	13-					
	-			2		
	14-					WEST TO SERVICE
	-			2		30.
	15-					THE REAL PROPERTY.
	10			2		
	16-			2		THE REAL PROPERTY.
	17-					
	''-			2		
	18-					TO THE REAL PROPERTY.
				2		The same of the sa
	19-					6
	-			2		
	20-					

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH4	This figure may be based on third party data which has not been verified by vgt and may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and vgt does not warrant its accuracy.			VOL
Figure:	Appendix E	only and vgc does not wantan no does doy.			vgc
Sheet:	2 of 2				Environmental Compliance Solutions
Version/Date:	V0 02/09/2015				QUILIUIS
Location:	Off Station Street, Martins Creek, New South W	ales Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_PBH4_V0.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Drill Hole Number: Martins Creek 2015 PBH4

Project: Martins Creek Job Number: 1217 Hole Depth: 29m Drilling Co: Precision Drilling Logged By: G THOMSON

Description	Depth	Graphic Log	Sample	Strength	Remarks
	21-			2	
	22-			1	
	24-			1	
	25 - - 26 -			1	
	27 -			1	
	28 - - - 29-			2	
	30-				
	31- - 32-				
	33- - 34-				
	35-				
	36 -	1			
	38-	<u> </u> 			
	39- - 40-	1			

Plan of:	Assessment - Drill Hole PBH5	This figure may be based on third party data which has not been verified by vgt and may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and vgt does not warrant its accuracy.			vot.
Figure:	Appendix E	orny and vgt does not warrant its accuracy.			vyc
Sheet:	1 of 2				Environmental Compilance Solutions
Version/Date:	V0 02/09/2015				Conditions
Location:	Off Station Street, Martins Creek, New South Wa	ales Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_PBH5_V0.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Project: Martins CreekJob Number: 1217Hole Depth: 29mDrilling Co: Precision DrillingLogged By: G THOMSONHole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks	
Ground Surface	0-					
Latite - Grey, hard	.			1		M. A.
Minor sandstone (contamination?)	1_	5003		•	GR 6307060 370330	180.400.00
	· .	ಬ್ಬಂದ್ರಿ		1	GR 6397960, 370339 RL 53.5m	500
	2-			·		The latest
		చ్చింద్ర		1		
	3-	<u>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</u>				1303000
Latite - Red brown		존성		1/3		
Contract Description	4-	2007				
Sandstone - Brown, medium grained	-	-:::::::		2		
	5-	-:::::::				all party
	-	-		2		老人是
	6-	-				CONTRACTOR OF THE PARTY OF THE
	-	-:::::::		2		Maria Charles
	7-	- :::::::				ANDO NOTICE
	-	-		2		1
	8-	-				Carlo March
	-			2		100
	9-	-		0		MARKET A.
	10-			2		
	10-			2		C CANCO
	11-			2		
	ļ ···			2		-
	12-	_		_		
	_	_::::::::::::::::::::::::::::::::::::::		2		e a librar
	13-					
Sandstone- Grey medium grained	-	-		2		DEPOS O
	14-	-				CAN LINE
	-	-		2		0000
	15-	-				
	-	-:::::::		2		300
	16-	-				
	-			2		至是对令
	17-	T::::::		_		
				2		A
	18-			_		WE SHOT
	10			2		THE PARTY
	19-			2		
	20-					A LANGE
	20-					

Plan of:	Assessment - Drill Hole PBH5	This figure may be based on third party data which has not been verified by vgt and may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and vgt does not warrant its accuracy.			VOL
Figure:	Appendix E	only and vgt does not warrant its accuracy.			vyc
Sheet:	2 of 2				Environmental Compliance Solutions
Version/Date:	V0 02/09/2015				Sutulons
Location:	Off Station Street, Martins Creek, New South Wa	les Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_PBH5_V0.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Drill Hole Number: Martins Creek 2015 PBH5

Project: Martins Creek Job Number: 1217 Hole Depth: 29m Drilling Co: Precision Drilling Logged By: G THOMSON

Description	Depth	Graphic Log	Sample	Strength	Remarks
Sandstone- Grey medium grained	21 – 21 – 22 –			2 2	
	23- - 24- - 25-			2	
	26- - 27-			2/1 2	
	28- - 29- - 30-			1	NO BOLLEY
	31-32-				
	33- - 34- - 35-				
	36- 37-				
	38- 39- - 40-				

Plan of:	Assessment - Drill Hole PBH6	This figure may be based on third party data which has not been verified by vgt and may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and vgt does not warrant its accuracy.			vot.
Figure:	Appendix E	only and vgt does not warrant its accuracy.			vgc
Sheet:	1 of 1				Environmental Compliance Solutions
Version/Date:	V0 02/09/2015				Outsons
Location:	Off Station Street, Martins Creek, New South Wa	ales Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_PBH6_V0.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

 Project: Martins Creek
 Job Number: 1217
 Hole Depth: 7m

 Drilling Co: Precision Drilling
 Logged By: G THOMSON
 Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks	
Ground Surface			-			-
Latite - Grey	0-	2000				
	-	್ಗಿನ್ನೆ		BG	GR 6397852, 370302	
	1-	202		DO	RL 50m	1100
	_	್ಗೌಳ		BG		
	2-	970B		4		
		200		1		
Latite - Red Brown	3-	್ಷೇಯ್ತ		2		
				2		
Sandstone- Brown, medium grained	7 -			2		STATE OF THE PARTY
	5-			2		
				2		3
	6-			_		
	_			2		September 1
	7-					ACCOUNT.
	-					
	8-					
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Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH7	This f which not be other
Figure:	Appendix E	Only a
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Version/Date:	V0 02/09/2015	





version/Date:	V0 02/09/2015				
Location:	Off Station Street, Martins Creek, New South Wales	Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_PBH7_V0.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Project: Martins CreekJob Number: 1217Hole Depth: 15mDrilling Co: Precision DrillingLogged By: G THOMSONHole Dia: 100mm

		ပ္	v	īth		
Description	Depth	Graphic Log	Sample	Strength	Remarks	
Latite - Grey, Minor broken and brown at surface. Pink veining at 4-5 metres Latite - Red brown Sandstone - Brown, medium grained	0- 1- 2- 3- 3- 4- 5- 6- 7- 8- 9- 11- 12- 13- 14- 15- 16- 17- 18- 19- 20-	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		BG 2 2 2 1 1 1 1 2 2 2 2	GR 6397702, 370233 RL 50m	

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH8	This figure may be based on third party data which has not been verified by vgt and may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and vgt does not warrant its accuracy.			vot.
Figure:	Appendix E	only and vgt does not warrant its accuracy.			vgc
Sheet:	1 of 2				Environmental Compliance Solutions
Version/Date:	V0 02/09/2015				Solutions
Location:	Off Station Street, Martins Creek, New South W	/ales Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_PBH8_V0.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Ptv Ltd (Daracon Group)	Contour Interval:	N/Δ	Office:	Thornton

Project: Martins CreekJob Number: 1217Hole Depth: 29mDrilling Co: Precision DrillingLogged By: G THOMSONHole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks	
Ground Surface	0-	0 8				
Latite - Grey, minor brown	_	2002		1		M 30 5
	1-	$^{\circ}\Box\Box^{\circ}$			GR 6397734, 370112	
	_	2002		2	RL 50m	
	2-	$^{\circ}\Box\Box^{\circ}$				45
	-	2000		1		
	3-	°CO0°				
	_	380		1		The second second
	4-	o CO Co Co		1		
	5-	300		'		and the
	_	ರಿಂಬ್		1		COLUMN OF
	6-					7
	-	5000 0000		1		
	7-	308				
	_	ర్జింద్రి		1		
	8-	$\mathcal{O}_{\mathcal{O}_{0}}^{\mathcal{O}_{0}}$		1		Bellett
	9-	స్టర్బాస్ట		•		
	_	್ದರಲ್ಲಿ		1		MARIA S
	10-	2000				2 Field
	-	$_{0}\Box\Box_{0}$		1		OF THE PARTY OF
	11-	38				5305
	12-	್ರಾ∪್ರಾ		1		A 405
	12-	5,3		1		A STAN
	13-	රීර්ථ				
	-	ion Constitution		1		
	14—	ನ್ಕೆಂದ್ದ				10
	-	3000		1		CONTRACTA
	15-	ಕ್ಷಂದ್ರಿ				CHAR
	16-	್ದರಿಂದ್ದಿ		1		
	'0 -	2002 2002		1		
	17—	$^{\circ}\Box\Box$				
	-	1000 1000 1000 1000 1000 1000 1000 100		1		
	18-	್ರ∪್				
	-	500		1		
	19-	രവര		1		
	20-	300		1		
20th Ltd. 4/20 Clanwood Priva Thomson NSW 2222 DO Pay 2225 Croophilla NSW		ە تارە				

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH8	which h not be otherwi	This figure may be based on third party data which has not been verified by vgt and may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and vdt does not warrant its accuracy.	
Figure:	Appendix E	only and		
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Version/Date: V0 02/09/2015				
Location:	Off Station Street, Martins Creek, New South	Wales	Source:	VGT Pty Ltd



version/Date:	VU U2/U9/2015					
Location:	Off Station Street, Martins Creek, New South Wales	Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_PBH8_V0.cdr	
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD	
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT	
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton	

Drill Hole Number: Martins Creek 2015 PBH8

Project: Martins Creek Job Number: 1217 Hole Depth: 29m Drilling Co: Precision Drilling

Logged By: G THOMSON

Description	Depth	Graphic Log	Sample	Strength	Remarks
	-	300°		1	
	21-	0000 00000		1	
	22-	600°		1	
	23-				
	24-	305		1	
Latite - Red brown	25-	2000 0000 0000		1	THE ASSESSMENT OF THE PARTY OF
	_	200°		2	
Sandstone - Brown, medium grained	26-	مُحَمَّدُ		2	
	27-			2	
	28-			2	
	29-			2	
	30-				
	31-				
	_				
	32-				
	33-				
	34-				
	35-				
	36-				
	37-				
	_				
	38-				
	39-				
	40-				

	Plan of:	Assessment - Drill Hole PBH9		ure may be based on third party data las not been verified by vgt and may to scale. Unless expressly agreed se, this figure is intended as a guide d vot does not warrant its accuracy.	
ı	Figure:			a vgt acco not wantan no accorday.	
ı	Sheet:	1 of 2			
ı	Version/Date:	V0 03/09/2015			
ı	Location:	Off Station Street, Martins Creek, New South Wale		Source:	VGT Ptv Ltd



	Version/Date:	V0 03/09/2015				Constant
	Location:	Off Station Street, Martins Creek, New South Wales	Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_PBH9_V0.cdr
l						
	Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
	Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
ı	Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Project: Martins Creek Job Number: 1217 Hole Depth: 29m Drilling Co: Precision Drilling Logged By: G THOMSON Hole Dia: 100mm

		U U	a	£		
Description	Depth	Graphic Log	Sample	Strength	Remarks	
Ground Surface	0-					400
Latite/Sandstone - Brown	_			2		
Mix of stratum	1_	* 00			GR 6397759, 370013	-
Latite - Brown, minor grey	<u> </u>	2002		2	RL 50m	
	2-	200%		_		-
Latite - Grey, minor brown banding		2002		1		
	3-	ಎರಿಎ				CONTRACTOR OF THE PARTY OF THE
	_	2000		1		
	4-	,000°				and the last
	_	2002		1		600
	5-	°00%				
	-	Sold Sold Sold Sold Sold Sold Sold Sold		1		
	6-	°00°				2. 84.
	-	E CON		1		
	7-	200%				
	-	ಲ್ಟಿಂದ್ದಿ		1		
	8-	200%				
	-	ಬ್ಬಿಂದ್ದಿ		2		Barrie A
	9-	2000		_		
	-	ಲ್ಲಿಂದ್ರಿ		2		A STATE OF THE PARTY OF THE PAR
	10-	200		_		
	-	ಬ್ಬಿಂಬ್ಡ್		1		THE RESERVE
	11-	200%		1		
	12-	ಬ್ಬಿಂಬ್ಡ್		'		Sept. 19.
	-	200		1		
	13-	ಬ್ಬಿಂಬ್ಗ		•		
	_	200%		1		
	14-	ಬ್ಬಿಂಬ್ಡ್				MERSEN.
	_	200%		1		
	15-	ಬ್ಬಿಂಬ್ಡ್				P. September
	-	200		1		
	16-	ಬ್ಬಂದ್ರ				Section 1
	-	2000		1		
	17-	2002				
	-	20.55		1		The same
	18-	2000				
	-	27.53		1		
	19-	200				
	-	3,53		1		
	20-	0000 ರಾಗಾ				

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH9	This figure may be based on third party which has not been verified by vgt and r not be to scale. Unless expressly agree otherwise, this figure is intended as a g only and vgt does not warrant its accura		
Figure:	Appendix E		only and vgr does not wantan as decard	
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Version/Date:	V0 03/09/2015				
Location:	Off Station Street, Martins Creek, New South Wales	s Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_PBH9_V0.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Project: Martins Creek Job Number: 1217 Hole Depth: 29m Drilling Co: Precision Drilling Logged By: G THOMSON Hole Dia: 100mm

Description	Depth Graphic	Sample	Strength	Remarks
	21 - 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	760° 60° 60° 60° 60° 60° 60° 60° 60° 60°	2 2 2 2 2 2	Hole terminated, maximum limit of blast rig reached

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH10				
Figure:	Appendix E				
Sheet:	1 of 2				
Version/Date:	V0 03/09/2015				
Location:	Off Station Street, Martins Creek, New South V				

This figure may be based on third party data which has not been verified by vgt and may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and vgt does not warrant its accuracy.



Ve	ersion/Date:	V0 03/09/2015				
Lo	ocation:	Off Station Street, Martins Creek, New South Wales	Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_PBH10_V0.cdr
Co	ouncil:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Te	enures:	N/A	Projection:	N/A	Project Manager:	GVT
CI	ient:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Drill Hole Number: Martins Creek 2015 PBH10

Project: Martins Creek Job Number: 1217 Hole Depth: 29m

Drilling Co: Precision Drilling

Logged By: G THOMSON Hole Dia: 100mm

				£		
Description	Depth	Graphic Log	Sample	Strength	Remarks	
Ground Surface	0-					-
Latite - Grey, minor brown	_	2002		1		
	1-	,000°			GR 6397851, 369999	
	_	E CO		1	RL 49m	1
	2-	6000				
	_	E CO		1		
	3-	,00°				
	-	E C		2		P. A.M.
	4-	200%				
	-	E OF		1		7 000
	5-	200%				
	-	E ON		1		N. A.
	6-	200%				100200000
	_ -	E CO		1		142
	/-	200%				-040 W. W. W.
	8-	ಬ್ಬಿಂದ್		1		
	8-	2000		1		* DECAL S
	a_	ಬ್ಬಿಂಬ್		1		
	_	800%		1		240 May 2
	10-	ಬ್ಬಿಂದ್ಡಿ		'		100 mg
	_	600		1		SEAR STATE
	11-	ಬ್ಬಿಂಬ್ಡ್				
	_	2000		1		-
Letite Cray with groups vaining	12-	808				
Latite - Grey, with orange veining	_	3,8		2		
	13-	0 D D 0				
	-	2,3		2		
	14-	0 D D 0				
	-	200		2		A PARTY
	15-	0000				- Shanes
	-	2,3		2		
	16-	0 D D 0		2		
	17-	3,3		2		
	'/-	0000		2		
	18-	26.59		_		100
Latite - Grey with	_	202		2		
minor green alteration	19-	^o Oo, ^a				
	_	302		2		
	20-	$\frac{1}{2}$				
d 4/30 Glenwood Drive, Thornton NSW 2322 PO Box 2335, Greenhills NSW	0000	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0440	(00) 4000 04	l 13 email: mail@vgt.com.au www	4844 70

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH10				
Figure:	Appendix E				
Sheet:	2 of 2				
Version/Date:	V0 03/09/2015				



version/Date.	V0 03/09/2015				
Location:	Off Station Street, Martins Creek, New South Wales	Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_PBH10_V0.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Project: Martins Creek Job Number: 1217 Hole Depth: 29m

Drilling Co: Precision Drilling Logged By: G THOMSON Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
atite - Grey, hard	_	2005 8005		1	
	21-	್ರ∪ಂ ೮೦೮°			
	22-	సింద్రి		1	
	_	2003 8003		1	
	23-	್ಟ್ ಬೈಂಗ್ಡಿ ಎರಡಿ		1	
	24-	్దర్మ			
	25-			1	260
	-	2002 2000 0000		1	
	26-			1	
	27-			'	
	-	2002		1	() 原数
	28-	600°		1	
	29-	20.50			
	30-				
	-				
	31-				
	32-				
	-				
	33-				
	34-				
	35-				
	-				
	36-				
	37-				
	38-				
	-				
	39-				
	40-				

Plan of:	Assessment - Drill Hole PBH11	his figure may be based on third party data hich has not been verified by vgt and may at be to scale. Unless expressly agreed herwise, this figure is intended as a guide nly and vgt does not warrant its accuracy.			vot	
Figure:	Appendix E	ny ana vy. cooo no. wanan no accuracy.			vgc	
Sheet:	1 of 2				Environmental Compliance Solutions	
Version/Date:	V0 03/09/2015				Columbia	
Location:	Off Station Street, Martins Creek, New South Wa	les Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_PBH11_V0.cdr	
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD	
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT	
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton	

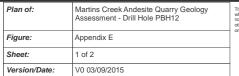
Project: Martins CreekJob Number: 1217Hole Depth: 29mDrilling Co: Precision DrillingLogged By: G THOMSONHole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks		
Ground Surface	0-	~ .					
Latite - Grey, very minor red brown	_	2000		BG	1		
	1-	0000			GR 6398027, 370098 RL 50m	galeton	
	-	2008		1	RL 50m	ASSE	
	2-	0,000 0,000			45	ACTION	
	-	3,3		1			
	3-	8000 6000		1	NA STATE OF THE ST		
	4-	308		'	and the same of th		
	-	ದ್ದಿಂದ್ದ		1		1	
	5-	200%				Ch	
	-	2002		1		1	
	6-	ಿರಿಲ್ಲಿ		1		-	
	7-	2008		'	NEX.		
	_	0,000 0 0,000 0 0,000 0 0,000 0,000 0,000 0,000 0 0,000 0 0,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1			
	8-	25				7/4	
	-	8000 6000		1			
	9-	LOS.		1			
	10-	್ಟ್ರೀಪ್ಟ್		'	A STATE OF THE STA		
	_			1			
	11-	Sob Sob				700	
	-	್ದರಲ್ಲಿ		1		3 X	
	12-	2008					
	13-	0 O O O		1			
	13 _	3,3		1			
	14-	6000			(I) (I)		
	-	SOS		1			
	15-	ರಾಣ				19	
	40	SOS		1		200	
	16-	ಬ್ಬಿಂದ್ದಿ		1	8.00		
	17-	200%		'			
	-	2002		1	100		
	18-	0007					
		2000 2000 2000		1		4	
	19-	0000 6000		4		STATE OF	
	20-	37.8		1			
Physical All All Company Drive Therefor NCW 2022 - DO Day 2025 Croophille NCW		0000				2 100	

Plan of:	Assessment - Drill Hole PBH11	This figure may be based on third party data which has not been verified by vgt and may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and vgt does not warrant its accuracy.			vot.
Figure:	Appendix E	only and vgt does not warrant its accuracy.			vyc
Sheet:	2 of 2				Environmental Compliance Solutions
Version/Date:	V0 03/09/2015				GUILIUITS
Location:	Off Station Street, Martins Creek, New South W	ales Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_PBH11_V0.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Ptv Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Project: Martins CreekJob Number: 1217Hole Depth: 29mDrilling Co: Precision DrillingLogged By: G THOMSONHole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
	21-	50000000000000000000000000000000000000		1 1 1	
	23- 24- - 25-			1	
Sandstone - Grey brown medium to fine grained	26- 27-	2000 2000 2000 2000 2000 2000 2000 200		1/2 2 2	
	28-			2	
	30- 31- 32-				
	33-				
	35- 36- 37-				
	38- 39-				
r Ltd. 4/30 Glenwood Drive. Thornton NSW 2322 PO Box. 2335. Greenhills NSW	40-				



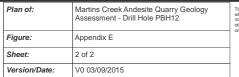


version/Date.	V0 03/09/2013				
Location:	Off Station Street, Martins Creek, New South Wales	Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_PBH12_V0.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Drill Hole Number: Martins Creek 2015 PBH12

Project: Martins Creek Job Number: 1217 Hole Depth: 29m Drilling Co: Precision Drilling Logged By: G THOMSON

Description
Latite - Grey minor red brown -
Latite - Grey minor red brown
1 - ののでは、
1 RL61m 2 - 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
2-0000 1 2-0000 1 3-0000 1 4-0000 1 5-0000 1 6-0000 1 7-0000 1
1
3-000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1
4-000000000000000000000000000000000000
5-000000000000000000000000000000000000
5-000000000000000000000000000000000000
6-0000 1 7-0000 1 7-0000 1 8-0000 1 9-0000 1 10-0000 1 10-0000 1 11-0000 1
6-0000 1 7-0000 1 7-0000 1 8-0000 1 9-0000 1 10-0000 1 10-0000 1 11-0000 1
1
7-0000 -0000 -0000 -0000 -0000 -0000 -0000 10-0000 -0000 11-0000 -0000 11-0000 11-0000 11-0000 11-0000
8-0000 1 -0000 1 9-0000 1 -0000 1 -0000 1 -0000 1
8-0000 1 -0000 1 9-0000 1 -0000 1 -0000 1 -0000 1
1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
9-0000 1 -0000 1 10-0000 1 -0000 1 11-0000 1
- 0000 1 - 0000 1 - 0000 1 - 0000 1 - 0000 1
10- 2000 -0000 11- 2000 -0000 11- 2000 11- 2000
-0000 1 11-2000 1 -0000 1
11_9000 -0000 1
-0000 1
12_2000
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13-97 o D
1 1
14-200 p
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Latite - Grey, hard
16-00-0
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17-805
ි දැවේ 1



This figure may be based on third party data which has not been verified by vgt and may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and vgt does not warrant its accuracy.



	10000000				
Location:	Off Station Street, Martins Creek, New South Wale	es Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_PBH12_V0.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Drill Hole Number: Martins Creek 2015 PBH12

 Project: Martins Creek
 Job Number: 1217
 Hole Depth: 29m

 Drilling Co: Precision Drilling
 Logged By: G THOMSON
 Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
Latite - Grey, hard	21- 22- 23- 24- 25- 26- 27-	5 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0		1 1 1 1 1	
	28- - 29- - 30- - 31- - 32- - 33-	20°5°		1	
	34- 35- 36- 37-				
d 4/30 Glenwood Drive, Thornton NSW 2322 PO Box 2335, Greenhills NSW	38- 39- 40-				

Plan of:	Assessment - Drill Hole PBH13	This figure may be based on third party data which has not been verified by vgt and may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and vgt does not warrant its accuracy.			vot
Figure:	Appendix E	only and vgt does not warrant its accuracy.			vyc
Sheet:	1 of 1				Environmental Compliance
Version/Date:	V0 03/09/2015				Solutions
Location:	Off Station Street, Martins Creek, New South W	ales Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_PBH13_V0.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD

N/A

N/A

Project Manager:

Office:

Hole Dia: 100mm

GVT

Thornton



Drill Hole Number: Martins Creek 2015 PBH13

Project: Martins Creek Job Number: 1217 Hole Depth: 13m Drilling Co: Precision Drilling Logged By: G THOMSON

Projection:

Contour Interval:

Date: March 2015

Buttai Gravel Pty Ltd (Daracon Group)

Tenures:

Client:

Cround Surface Company Company
Latite - Grey Latite - Grey Latite - Grey Latite - Grey Latite - Grey brown
Latite - Grey Latite - Grey Latite - Grey Latite - Grey Latite - Grey brown
18-

Plan of:	Assessment - Drill Hole PBH14	This figure may be based on third party data which has not been verified by vgt and may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and vgt does not warrant its accuracy.			vat
Figure:	Appendix E	only and vgc does not warrant its accuracy.			vyc
Sheet:	1 of 1				Environmental Compliance Solutions
Version/Date:	V0 03/09/2015				COMMUNE
Location:	Off Station Street, Martins Creek, New South Wales	Source:	VGT Pty Ltd	Our Ref:	1217_MC_Bore Hole_PBH14_V0.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Ptv Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

 Project: Martins Creek
 Job Number: 1217
 Hole Depth: 9m

 Drilling Co: Precision Drilling
 Logged By: G THOMSON
 Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks	
Ground Surface	0-					
Latite - Grey		ಬ್ಬಂದ್ರಿ		1		1
	· -	200		1		A STATE OF THE STA
	1-	920 B			GR 6397906, 370372	7
	-	2.8		1	RL 61m	OF THE PARTY.
	2-	.oO⊡ŏ				CONTRACT
	_	Gold.		1		
	3-					
	_	9705		1		
		್ದೆ ಟಿ		'		Charles Const
	4-	ة ⊡ ت				TAKE
	-	1202		1		THE REAL PROPERTY.
	5-	200%				Allangement
	-	చ్రంట్		1		
	6-	-~ె.క				A STATE OF
	ļ <u>-</u>	0000		2		
Latite - Red brown	7_					- CONTRACTOR
	'	200%		2		-
Sandstone - Grey brown	Ī . Ī			2		CONTRACTOR OF THE PARTY OF THE
	8-					A COURT
	-	1:::::::		2		
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Ltd. 4/30 Glanwood Drive. Thornton NSW 2322 PO Box. 2335. Greenhills NSW		1 (00) 100				

Plan of:	Assessment - Drill Hole PBH15	This figure may be based on third party data which has not been verified by vgt and may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and vgt does not warrant its accuracy.			VOL
Figure:	Appendix E	,,			vgc
Sheet:	1 of 2				Environmental Compliance Solutions
Version/Date:	V0 03/09/2015				Outsons
Location:	Off Station Street, Martins Creek, New South W	ales Source:	VGT Pty Ltd	Our Ref:	1217_MC_Bore Hole_PBH15_V0.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Ptv Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Project: Martins CreekJob Number: 1217Hole Depth: 29mDrilling Co: Precision DrillingLogged By: G THOMSONHole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
Ground Surface	0-	A 9-			
Latite - Grey brown, Slightly weathered.	_	200		2	
Siightiy weathered.	1-	ه ۲۵۵م			GR 6397908, 370612
	-			2	GR 6397908, 370612 RL 111m
	2-	000°			hole not surveyed Daniel H located
	-	1202		1	on plan
	3-	0000			
	-	E CON		2	-
Latite -Grey with minor red brown stain	4-	200			
and veining.	-	స్ట్రే		1	-
	5-	%೦೮			
	-	5 5°		1	A 200
	6-	%00		4	
	7-	5 K		1	
	'-	970B		1	
	8-	3,50		'	
		8000 8000		1	
	9-	5°,5°		•	
	_	8000		1	
	10-	స్ట్రా			
	-	ರಿಂಬ್		1	
	11-	25			4
	-	8000		1	CHESTON
	12-	స్టే			
	-	%೦೦		1	
	13-	~~~S			
	-	970B		1	G 3832
	14-	್ಗೌಳ		4	
	15	970B		1	273 N 185
	15-	5 S		1	
	16-	970B		'	1530 (400)
	"-	2,50		1	
	17-	2000		•	The same of the sa
	-	3,5		1	
	18-	8000			
	-	3,3		1	
	19-	ഗരമ			
	-	3,3		1	
	20-	പ്രവ			Charles of
Ltd. 4/30 Glenwood Drive. Thoraton NSW 2322 PO Roy. 2335. Greenhills NSW					

Plan of:	Assessment - Drill Hole PBH15	This figure may be based on third party data which has not been verified by vgt and may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and vgt does not warrant its accuracy.			vot
Figure:	Appendix E	···,,			vgc
Sheet:	2 of 2				Environmental Compliance Solutions
Version/Date:	V0 03/09/2015				Conditions
Location:	Off Station Street, Martins Creek, New South Wa	ales Source:	VGT Pty Ltd	Our Ref:	1217_MC_Bore Hole_PBH15_V0.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Logged By: G THOMSON Hole Dia: 100mm

Drill Hole Number: Martins Creek 2015 PBH15

Project: Martins Creek

Job Number: 1217

Hole Depth: 29m

Drilling Co: Precision Drilling

Description	Depth	Graphic Log	Sample	Strength	Remarks
	21— 21— 22— 23— 24— 25— 26— 27— 28— 30— 31— 32— 33—	18 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Sam	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	34-				
	36- 37- - 38-				
Ltd 4/30 Glenwood Drive, Thornton NSW 2322 PO Box 2335, Greenhills NSW	39-			(00)	

	Plan of:	Assessment - Drill Hole PBH16		are may be based on third party data as not been verified by vgt and may o scale. Unless expressly agreed e, this figure is intended as a guide lyqt does not warrant its accuracy.	
	Figure:			rygi does not warrant its accuracy.	
	Sheet:	1 of 2	1		
١	Version/Date:	V0 03/09/2015			
١	Location:	Off Station Street, Martins Creek, New South V	Vales	Source:	VGT Pty Ltd



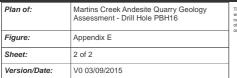
version/Date.	V0 03/09/2015				
Location:	Off Station Street, Martins Creek, New South Wales	Source:	VGT Pty Ltd	Our Ref:	1217_MC_Bore Hole_PBH16_V0.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Drill Hole Number: Martins Creek 2015 PBH16

Project: Martins Creek Job Number: 1217 Hole Depth: 29m Drilling Co: Precision Drilling

Logged By: G THOMSON

				_	
Description	Depth	Graphic Log	Sample	Strength	Remarks
Ground Surface	0-				
No sample				na	
	_ 1_	29			GR 6397675, 371044
Weathered Latite - brown	_			2	RL 136.6m
	2-	o∐⊙ŏ			
	-			2	
	3-	0 D D 0			8-250
	-	5		2	100000000000000000000000000000000000000
	4-			_	
	_	5. S.		2	ARCHITEC
	5-	0 D D 0		2	
	6-	상영		2	Grand Andrews
		0000 8008		2	
	7-	٠ <u>٢</u> ٠٠			area and
	_	8000 8000		2	The state of the s
	8-	90° 50°			
	-	970B		1	9-69-64
	9-	27,5%			
	-	2002		2	
Latite - Red brown	10	చ్చింద్ర		0	
	11			2	69330
Weathered Sandstone -brown	│ '' <u></u>			2	20 C
Occassional Latite frag (contamination?)	12-			_	
	_			2	
	13-				
	-			2	
	14-				
	-			2	
	15-				
				2	THE REAL PROPERTY.
	16-			2	
	17-			_	
	''			2	
	18-				OLIVE MAN
				2	2
	19-				
	-			2	
	20-				-
Ltd 4/30 Glenwood Drive. Thornton NSW 2322 PO Box 2335. Greenhills NS				()	





Version/Date:	V0 03/09/2015				
Location:	Off Station Street, Martins Creek, New South Wales Source:		VGT Pty Ltd	Our Ref:	1217_MC_Bore Hole_PBH16_V0.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Drill Hole Number: Martins Creek 2015 PBH16

Project: Martins Creek Job Number: 1217 Hole Depth: 29m Drilling Co: Precision Drilling Logged By: G THOMSON

Description	Depth	Graphic Log	Sample	Strength	Remarks
Sandstone - grey, medium Grained clayey	21- 22- - 23- - 24- - 25- - 26- - 27- - 28- -			2 2 1 1 2 1	
	30- 31- 32- 33- 33- 34- 35- 36- 37- 38- 39- 40-				

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH17	This which not be other
Figure:	Appendix E	Unity
Sheet:	1 of 2	
Version/Date:	V0 03/09/2015	

This figure may be based on third party data which has not been verified by vgt and may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and vgt does not warrant its accuracy.



Version/Date:	V0 03/09/2015				
Location:	Off Station Street, Martins Creek, New South Wales Source: VGT Pty		VGT Pty Ltd	T Pty Ltd Our Ref:	
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Drill Hole Number: Martins Creek 2015 PBH17

 Project: Martins Creek
 Job Number: 1217
 Hole Depth: 29m

 Drilling Co: Precision Drilling
 Logged By: G THOMSON
 Hole Dia: 100mm

		<u>.</u>	O	ŧ		
Description	Depth	Graphic Log	Sample	Strength	Remarks	
Ground Surface	0-					
Latite - Grey brown, slightly weathered	0-	ಬ್ಬಿಂದ್ದಿ		2		70
minor sandstone				2	OD 0007000 074044	
Latite - Grey brown	1 1-	ಲ್ಲಿಂದ್ರ			GR 6397608, 371014 RL 113.2m	
Slighty weathered		27.5		2	KL 113.2111	
	2-	8000				
	-	<u>~</u> ~S		1		
	3-	2000				
	-	2,3		1		
	4-	0000				ATO
	-			1		
	5-	0000				CHARLES
	-	£05		2		4
Latite - Red brown	6-	800				
Clay band brown 7-8m	-	ું હ		2		
	7-	0000				- A SECOND
	-	5.8		3		344
	8-	اه ّحالات				1
Sandstone - Brown, coarse medium	-	9700		2		AND
Welded vdcano source	9-					1
	-			2		1111
	10-					
	-			2		A STATE OF THE STA
	11-					-
	-			2		AAM
Sandstone/Latite - mix (contamination)	12-					
Sandstone/Lattle - IIIIX (Contamination)	-			2		0000
Clay - Brown, soft	13-					THE RES
Clay - Brown, Soft	-			2		
Waatharad Sandatana brawn	14-					20000
Weathered Sandstone-brown, Medium coarse, mod soft, poor returns	-	::::::		2		48
	15-				occasional latite (fall in?)	
	-			2		01000
	16-					TO LAY
	-			2		CONTRACT OF THE PARTY OF THE PA
Weethered Conditions are become	17-					244
Weathered Sandstone - grey brown Mod soft occassional latite fragments large, fall in from top of	-			2		993
hole. Fine to medium grained clayey soft when wet.	18-					
	-			1		THE STATE OF
	19-					NOW THE
	-			1		July 2
	20-	1::::::::				AND THE REAL PROPERTY.

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH17	This fig which h not be t otherwi
Figure:	Appendix E	Only all
Sheet:	2 of 2	
Version/Date:	V0 03/09/2015	



Version/Date:	V0 03/09/2015				
Location:	Off Station Street, Martins Creek, New South Wales	Source:	VGT Pty Ltd	Our Ref:	1217_MC_Bore Hole_PBH17_V0.cdr
Council:	Dungog Shire Council	Survey:	N/A	Plan By:	TO/JD
Tenures:	N/A	Projection:	N/A	Project Manager:	GVT
Client:	Buttai Gravel Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Drill Hole Number: Martins Creek 2015 PBH17

Project: Martins Creek Job Number: 1217 Hole Depth: 29m Drilling Co: Precision Drilling Logged By: G THOMSON

Description Hand Description Page P							
Mod soft occassional latite fragments large, fall in from top of hole. Fine to medium grained clayey soft when wet. 21— 1		Remarks	Strength	Sample	Graphic Log	Depth	
22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			1 2 2			21— 22— 23— 23— 24— 25— 26— 27— 28— 30— 31— 33— 33— 33— 33— 33— 33— 33— 33— 33	Weathered Sandstone - grey brown Mod soft occassional latite fragments large, fall in from top of hole. Fine to medium grained clayey soft when wet.
40-	4 DAL 70					40-	