

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole E4
Figure:	Appendix E
Sheet:	1 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.

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 Creek
Drilling Co: Total Drilling
Date: March 2015

Job Number: 1217
Logged By: Greg Thomson
Hole Depth: 48 m
Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
Ground Surface	0				
Slightly Weathered Latite - Grey brown	1			3	GR 6397578, 370334 RL 92m 
	2			3	
	3			3	
	4			3	
	5			1	
	6			1	
Latite- Grey with red brown (15%)	7			1	
	8			1	
	9			1	
	10			1	
	11			1	
	12			1	
	13			1	
	14			1	
	15			1	
	16			1	
	17			1	
	18			1	
	19			1	
	20			1	

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole E4
Figure:	Appendix E
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.

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 Creek **Job Number:** 1217 **Hole Depth:** 48 m
Drilling Co: Total Drilling **Logged By:** Greg Thomson **Hole Dia:** 100mm
Date: March 2015

Description	Depth	Graphic Log	Sample	Strength	Remarks
Latite- Grey with red brown (15%)	21			1	
	22			1	
	23			1	
	24			1	
	25			1	
	26			1	
	27			1	
	28			1	
	29			1	
	30			1	
	31			2	
	32			1	
	33			1	
	34			2	
	35			2	
	36			2	
	37			1	
	38			1	
	39			1	
	40			1	

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole E4
Figure:	Appendix E
Sheet:	3 of 3
Version/Date:	V1 0209/2015

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.

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 Creek **Job Number:** 1217 **Hole Depth:** 48 m
Drilling Co: Total Drilling **Logged By:** Greg Thomson **Hole Dia:** 100mm
Date: March 2015

Description	Depth	Graphic Log	Sample	Strength	Remarks
	41			1	
	42			2	
Sandstone - Red brown Fine to medium grained, soft and clayey at top.	43			3	
	44			3	
	45			3	
Sandstone- Grey Fine grained	46			3	
	47			3	
	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
Figure:	Appendix E
Sheet:	1 of 2
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.

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

Drill Hole Number: Martins Creek 2015 E5

Project: Martins Creek
Drilling Co: Total Drilling
Date: March 2015

Job Number: 1217
Logged By: Greg Thomson
Hole Depth: 42m
Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
Ground Surface	0				
Extremely Weathered Latite - Cream Very soft	1			3	GR 6398188, 370272 RL 75m 
Slightly Weathered Latite - Grey brown Moderately hard to hard	2			3	
	3			3	
	4			3	
	5			3	
	6			2	
	7			2	
	8			2	
	9			3	
	10			1	
	11			1	
	12			2	
	13			2	
	14			1	
	15			1	
	16			1	
	17			1	
	18			1	
	19			1	
	20			1	
Latite - Grey, red brown					

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole E5
Figure:	Appendix E
Sheet:	2 of 2
Version/Date:	V1 02/09/2015



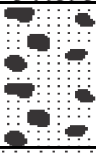

This figure may be based on third party data which has not been verified by vgt and may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and vgt does not warrant its accuracy.

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

Drill Hole Number: Martins Creek 2015 E5

Project: Martins Creek
Drilling Co: Total Drilling
Date: March 2015

Job Number: 1217
Logged By: Greg Thomson
Hole Depth: 42m
Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
Latite - Grey, red brown	21			1	
	22			1	
	23			2	
	24			2	
	25			2	
	26			3	
	27			3	
	28			3	
	29			2	
	30			2	
	31			1	
	32			1	
	33			2	
	34			2	
	35			1	
	36			1	
	37			3	
Latite / Sandstone - Grey	38			2	
	39			3	
Sandstone - Grey brown, Medium to coarse grained.	40			3	

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole E6
Figure:	Appendix E
Sheet:	1 of 2
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.

Location:	Off Station Street, Martins Creek, New South Wales	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

Drill Hole Number: Martins Creek 2015 E6

Project: Martins Creek
Drilling Co: Total Drilling
Date: March 2015

Job Number: 1217
Logged By: Greg Thomson
Hole Depth: 29 m
Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
Ground Surface	0				
No sample	1				
Weathered Sandstone- brown Very few sample return, soft, clayey, extremely weathered.	2			3	
	3			3	
	4			3	
	5			3	
	6			3	
	7			3	
Weathered Claystone- red brown	8			2	
	9			2	
Weathered Sandstone - grey brown fine to medium	10			2	
	11			2	
Weathered Sandstone- grey brown Coarse, mod soft, can break in fingers, volcano-lithic source. Occassional claystone bands, soft,	12			2	
	13			2	
	14			2	
	15			2	
	16			2	
	17			2	
	18			2	
	19			2	
	20			2	



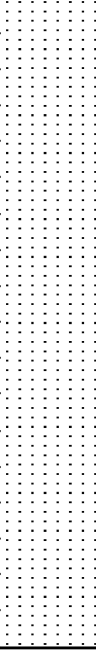


Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole E6
Figure:	Appendix E
Sheet:	2 of 2
Version/Date:	V1 02/09/2015

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.

Location:	Off Station Street, Martins Creek, New South Wales	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

Drill Hole Number: Martins Creek 2015 E6

Project: Martins Creek **Job Number:** 1217 **Hole Depth:** 29 m
Drilling Co: Total Drilling **Logged By:** Greg Thomson **Hole Dia:** 100mm
Date: March 2015

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			2	
				2	
	22			2	
				2	
	23			2	
				2	
	24			2	
				2	
	25			2	
				2	
	26			2	
				2	
	27			2	
				2	
	28			2	
				2	
	29			2	
	30				
	31				
	32				
	33				
	34				
	35				
	36				
	37				
	38				
	39				
	40				


Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole E7
Figure:	Appendix E
Sheet:	1 of 1
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.

Location:	Off Station Street, Martins Creek, New South Wales	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

Drill Hole Number: Martins Creek 2015 E7

Project: Martins Creek **Job Number:** 1217 **Hole Depth:** 14 m
Drilling Co: Total Drilling **Logged By:** Greg Thomson **Hole Dia:** 100mm
Date: March 2015

Description	Depth	Graphic Log	Sample	Strength	Remarks
Ground Surface	0				
Soil and roots - brown					
Slightly Weathered Latite - Grey brown Mod hard to hard, porphyritic texture	1			3	GR 6397711, 370978 RL 120m 
	2			3	
	3			2	
	4			2	
	5			2	
Very Weathered Latite - brown Soft, friable, clayey	6			2	
Weathered sandstone- Orange brown Fine to coarse grained, volcano-lithic source, welded in part, mod hard, can break in fingers,	7			2	
	8			2	
	9			2	
	10			2	
	11			2	
	12			2	
	13			2	
	14			2	
	15				
	16				
	17				
	18				
	19				
	20				




















Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole E8
Figure:	Appendix E
Sheet:	1 of 2
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.

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 Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Drill Hole Number: Martins Creek 2015 E8

Project: Martins Creek **Job Number:** 1217 **Hole Depth:** 29 m
Drilling Co: Total Drilling **Logged By:** Greg Thomson **Hole Dia:** 100mm
Date: March 2015

Description	Depth	Graphic Log	Sample	Strength	Remarks
Ground Surface	0				
Latite - Grey, hard, minor red fleck Cannot break in fingers	1			2	GR 6397540,370791 RL 59m                   
	2			2	
	3			2	
	4			2	
	5			1	
	6			1	
	7			1	
	8			1	
	9			1	
	10			1	
	11			1	
	12			1	
	13			1	
	14			1	
	15			1	
	16			1	
	17			1	
	18			1	
	19			2	
	20			2	

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole E8
Figure:	Appendix E
Sheet:	2 of 2
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.

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 Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Drill Hole Number: Martins Creek 2015 E8

Project: Martins Creek **Job Number:** 1217 **Hole Depth:** 29 m
Drilling Co: Total Drilling **Logged By:** Greg Thomson **Hole Dia:** 100mm
Date: March 2015

Description	Depth	Graphic Log	Sample	Strength	Remarks
	21			2	
	22			2	
	23			2	
	24			2	
	25			1	
	26			1	
	27			2	
	28			2	
	29			2	
	30				
	31				
	32				
	33				
	34				
	35				
	36				
	37				
	38				
	39				
	40				



Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH1
Figure:	Appendix E
Sheet:	1 of 2
Version/Date:	V0 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.

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

Drill Hole Number: Martins Creek 2015 PBH1

Project: Martins Creek
Drilling Co: Precision Drilling
Date: March 2015

Job Number: 1217
Logged By: G THOMSON
Hole Depth: 22 m
Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
Ground Surface	0				
Latite - Grey, red brown, hard	1			1	GR, 6398174,370106 RL 50m
	2			1	
	3			1	
	4			1	
	5			1	
	6			2	
	7			2	
	8			2	
	9			2	
	10			2	
	11			2	
	12			2	
	13			2	
Latite - Grey, hard	14			2/1	
	15			1	
	16			1	
	17			1	
	18			1	
	19			1	
	20			1	
	21				



Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH1
Figure:	Appendix E
Sheet:	2 of 2
Version/Date:	V0 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.




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

Drill Hole Number: Martins Creek 2015 PBH1

Project: Martins Creek
Drilling Co: Precision Drilling
Date: March 2015

Job Number: 1217
Logged By: G THOMSON

Hole Depth: 22 m
Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
	21			1	Hole terminated By Daracon 
	22			1	
	23				
	24				
	25				
	26				
	27				
	28				
	29				
	30				
	31				
	32				
	33				
	34				
	35				
	36				
	37				
	38				
	39				
	40				

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH2
Figure:	Appendix E
Sheet:	1 of 2
Version/Date:	V0 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.

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:	TO
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
Drilling Co: Precision Drilling
Date: March 2015

Job Number: 1217
Logged By: G THOMSON
Hole Depth: 21 m
Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
Ground Surface	0				
Latite - Grey, hard	1			1	GR, 6398119, 370174 RL 50m
	2			1	
	3			1	
	4			1	
	5			1	
	6			1	
	7			1	
	8			1	
	9			1	
	10			1	
	11			1	
	12			1	
	13			1	
	14			1	
	15			1	
	16			1	
	17			1	
	18			2/3	
	19			2	
Sandstone - Grey brown Fine to medium grained	20				



Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH2
Figure:	Appendix E
Sheet:	2 of 2
Version/Date:	11/03/2015

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.



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:	TO
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
Drilling Co: Precision Drilling
Date: March 2015

Job Number: 1217
Logged By: G THOMSON

Hole Depth: 21 m
Hole Dia: 100mm

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				
	32				
	33				
	34				
	35				
	36				
	37				
	38				
	39				
	40				

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH3
Figure:	Appendix E
Sheet:	1 of 2
Version/Date:	V0 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.

Location:	Off Station Street, Martins Creek, New South Wales	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
Drilling Co: Precision Drilling
Date: March 2015

Job Number: 1217
Logged By: G THOMSON
Hole Depth: 29 m
Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
Ground Surface	0				
Latite - Grey	1			1	GR 6398041, 370301 RL 51.5m
	2			1	
	3			1	
	4			1	
	5			1	
	6			1	
Latite - red brown	7			1/2	
	8			2	
Sandstone - Red brown Medium coarse	9			2	
	10			2	
Sandstone-Grey, light brown Fine grained, silty in part, becoming medium grained toward base.	11			2	
	12			2	
	13			2	
	14			2	
	15			2	
	16			2	
	17			2	
	18			2	
	19			2	
	20			2	

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH3
Figure:	Appendix E
Sheet:	2 of 2
Version/Date:	V0 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.

Location:	Off Station Street, Martins Creek, New South Wales	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
Drilling Co: Precision Drilling
Date: March 2015

Job Number: 1217
Logged By: G THOMSON
Hole Depth: 29 m
Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
	21			2	
	22			2	
	23			2	
	24			2	
	25			2/1	
	26			2/1	
	27			1	
	28			2	
	29			2/1	
	30				
	31				
	32				
	33				
	34				
	35				
	36				
	37				
	38				
	39				
	40				



Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH4
Figure:	Appendix E
Sheet:	1 of 2
Version/Date:	V0 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.

Location:	Off Station Street, Martins Creek, New South Wales	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
Drilling Co: Precision Drilling
Date: March 2015

Job Number: 1217
Logged By: G THOMSON
Hole Depth: 29m
Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
Ground Surface	0				
Latite - Grey, hard	1			1	GR 6397989, 370295 RL 50m
	2			1	
	3			1	
	4			1	
	5			1	
	6			1	
Latite - Red brown	7			2	
	8			2	
Sandstone- Grey, light brown Medium grained	9			2	
	10			2	
	11			2	
	12			2	
	13			2	
	14			2	
	15			2	
	16			2	
	17			2	
	18			2	
	19			2	
	20			2	

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH4
Figure:	Appendix E
Sheet:	2 of 2
Version/Date:	V0 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.



Location:	Off Station Street, Martins Creek, New South Wales	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 **Hole Dia:** 100mm
Date: March 2015

Description	Depth	Graphic Log	Sample	Strength	Remarks
	21			2	
	22			2	
	23			1	
	24			1	
	25			1	
	26			1	
	27			1	
	28			1	
	29			2	
	30				
	31				
	32				
	33				
	34				
	35				
	36				
	37				
	38				
	39				
	40				



Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH5
Figure:	Appendix E
Sheet:	1 of 2
Version/Date:	V0 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.

Location:	Off Station Street, Martins Creek, New South Wales	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
Drilling Co: Precision Drilling
Date: March 2015

Job Number: 1217
Logged By: G THOMSON
Hole Depth: 29m
Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
Ground Surface	0				
Latite - Grey, hard Minor sandstone (contamination?)	1			1	GR 6397960, 370339 RL 53.5m
	2			1	
	3			1	
Latite - Red brown	4			1/3	
Sandstone - Brown, medium grained	5			2	
	6			2	
	7			2	
	8			2	
	9			2	
	10			2	
	11			2	
	12			2	
	13			2	
	14			2	
Sandstone- Grey medium grained	15			2	
	16			2	
	17			2	
	18			2	
	19			2	
	20			2	



Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH5
Figure:	Appendix E
Sheet:	2 of 2
Version/Date:	V0 02/09/2015

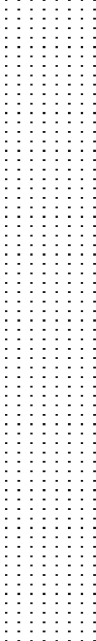


This figure may be based on third party data which has not been verified by vgt and may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and vgt does not warrant its accuracy.

Location:	Off Station Street, Martins Creek, New South Wales	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
Drilling Co: Precision Drilling
Date: March 2015

Job Number: 1217
Logged By: G THOMSON
Hole Depth: 29m
Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
Sandstone- Grey medium grained	21			2	
	22			2	
	23			2	
	24			2	
	25			2	
	26			2/1	
	27			2	
	28			1	
	29			1	
	29				
	30				
	31				
	32				
	33				
	34				
	35				
	36				
	37				
	38				
	39				
	40				

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH6
Figure:	Appendix E
Sheet:	1 of 1
Version/Date:	V0 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.

Location:	Off Station Street, Martins Creek, New South Wales	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

Drill Hole Number: Martins Creek 2015 PBH6

Project: Martins Creek
Drilling Co: Precision Drilling
Date: March 2015

Job Number: 1217
Logged By: G THOMSON
Hole Depth: 7m
Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
Ground Surface	0			BG BG 1 2 2 2 2	GR 6397852, 370302 RL 50m 
Latite - Grey	1				
	2				
	3				
Latite - Red Brown	4				
	5				
Sandstone- Brown, medium grained	6				
	7				
	8				
	9				
	10				
	11				
	12				
	13				
	14				
	15				
	16				
	17				
	18				
	19				
	20				

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH7
Figure:	Appendix E
Sheet:	1 of 1
Version/Date:	V0 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.

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

Drill Hole Number: Martins Creek 2015 PBH7

Project: Martins Creek
Drilling Co: Precision Drilling
Date: March 2015

Job Number: 1217
Logged By: G THOMSON
Hole Depth: 15m
Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
Ground Surface	0				
Latite- Grey, Minor broken and brown at surface. Pink veining at 4-5 metres	1			BG	GR 6397702, 370233 RL 50m
	2			2	
	3			2	
	4			2	
	5			2	
	6			1	
	7			1	
	8			1	
	9			1	
	10			1	
	11			1	
	12			2	
Latite - Red brown	13			2	
Sandstone - Brown, medium grained	14			2	
	15			2	
	16				
	17				
	18				
	19				
	20				



Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH8
Figure:	Appendix E
Sheet:	1 of 2
Version/Date:	V0 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.

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 **Hole Dia:** 100mm
Date: March 2015

Description	Depth	Graphic Log	Sample	Strength	Remarks
Ground Surface	0				
Latite - Grey, minor brown	1			1	GR 6397734, 370112 RL 50m
	2			2	
	3			1	
	4			1	
	5			1	
	6			1	
	7			1	
	8			1	
	9			1	
	10			1	
	11			1	
	12			1	
	13			1	
	14			1	
	15			1	
	16			1	
	17			1	
	18			1	
	19			1	
	20			1	





















Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH8
Figure:	Appendix E
Sheet:	2 of 2
Version/Date:	V0 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.

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 **Hole Dia:** 100mm
Date: March 2015

Description	Depth	Graphic Log	Sample	Strength	Remarks
	21			1	
	22			1	
	23			1	
	24			1	
Latite - Red brown	25			1	
	26			2	
Sandstone - Brown, medium grained	27			2	
	28			2	
	29			2	
	30				
	31				
	32				
	33				
	34				
	35				
	36				
	37				
	38				
	39				
	40				

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH9
Figure:	Appendix E
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.

Location:	Off Station Street, Martins Creek, New South Wales	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

Drill Hole Number: Martins Creek 2015 PBH9

Project: Martins Creek
Drilling Co: Precision Drilling
Date: March 2015

Job Number: 1217
Logged By: G THOMSON
Hole Depth: 29m
Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
Ground Surface	0				
Latite/Sandstone - Brown Mix of stratum	1			2	GR 6397759, 370013 RL 50m 
Latite - Brown, minor grey	2			2	
Latite - Grey, minor brown banding	3			1	
	4			1	
	5			1	
	6			1	
	7			1	
	8			2	
	9			2	
	10			1	
	11			1	
	12			1	
	13			1	
	14			1	
	15			1	
	16			1	
	17			1	
	18			1	
	19			1	
	20			1	

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH9
Figure:	Appendix E
Sheet:	2 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.

Location:	Off Station Street, Martins Creek, New South Wales	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

Drill Hole Number: Martins Creek 2015 PBH9

Project: Martins Creek
Drilling Co: Precision Drilling
Date: March 2015

Job Number: 1217
Logged By: G THOMSON
Hole Depth: 29m
Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
	21			2	 Hole terminated, maximum limit of blast rig reached
	22			2	
	23			2	
	24			2	
	25			2	
	26			2	
	27			2	
	28			2	
	29			2	
	30				
	31				
	32				
	33				
	34				
	35				
	36				
	37				
	38				
	39				
	40				

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH10
Figure:	Appendix E
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.

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

Drill Hole Number: Martins Creek 2015 PBH10

Project: Martins Creek
Drilling Co: Precision Drilling
Date: March 2015

Job Number: 1217
Logged By: G THOMSON
Hole Depth: 29m
Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
Ground Surface	0				
Latite - Grey, minor brown	1			1	GR 6397851, 369999 RL 49m
	2			1	
	3			1	
	4			2	
	5			1	
	6			1	
	7			1	
	8			1	
	9			1	
	10			1	
	11			1	
	12			2	
Latite - Grey, with orange veining	13			2	
	14			2	
	15			2	
	16			2	
	17			2	
	18			2	
	19			2	
	20			2	
Latite - Grey with minor green alteration					



Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH10
Figure:	Appendix E
Sheet:	2 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.

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

Drill Hole Number: Martins Creek 2015 PBH10

Project: Martins Creek
Drilling Co: Precision Drilling
Date: March 2015

Job Number: 1217
Logged By: G THOMSON
Hole Depth: 29m
Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
Latite - Grey, hard	21			1	
	22			1	
	23			1	
	24			1	
	25			1	
	26			1	
	27			1	
	28			1	
	29			1	
	29				
	30				
	31				
	32				
	33				
	34				
	35				
	36				
	37				
	38				
	39				
	40				

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH11
Figure:	Appendix E
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.

Location:	Off Station Street, Martins Creek, New South Wales	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

Drill Hole Number: Martins Creek 2015 PBH11

Project: Martins Creek
Drilling Co: Precision Drilling
Date: March 2015

Job Number: 1217
Logged By: G THOMSON
Hole Depth: 29m
Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
Ground Surface	0				
Latite - Grey, very minor red brown	1			BG	GR 6398027, 370098 RL 50m
	2			1	
	3			1	
	4			1	
	5			1	
	6			1	
	7			1	
	8			1	
	9			1	
	10			1	
	11			1	
	12			1	
	13			1	
	14			1	
	15			1	
	16			1	
	17			1	
	18			1	
	19			1	
	20			1	



Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH11
Figure:	Appendix E
Sheet:	2 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.

Location:	Off Station Street, Martins Creek, New South Wales	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

Drill Hole Number: Martins Creek 2015 PBH11

Project: Martins Creek
Drilling Co: Precision Drilling
Date: March 2015

Job Number: 1217
Logged By: G THOMSON
Hole Depth: 29m
Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
	21			1	
	22			1	
	23			1	
	24			1	
	25			1	
Latite - Red brown	26			1/2	
	27			2	
Sandstone - Grey brown medium to fine grained	28			2	
	29			2	
	30				
	31				
	32				
	33				
	34				
	35				
	36				
	37				
	38				
	39				
	40				

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH12
Figure:	Appendix E
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.

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
Drilling Co: Precision Drilling
Date: March 2015

Job Number: 1217
Logged By: G THOMSON
Hole Depth: 29m
Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
Ground Surface	0				
Latite - Grey minor red brown				2	GR 6398172, 370172 RL 61m
	1			1	
	2			1	
	3			1	
	4			1	
	5			1	
	6			1	
	7			1	
	8			1	
	9			1	
	10			1	
	11			1	
	12			1	
	13			1	
	14			1	
Latite - Grey, hard	15			1	
	16			1	
	17			1	
	18			1	
	19			1	
	20			1	



Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH12
Figure:	Appendix E
Sheet:	2 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.

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
Drilling Co: Precision Drilling
Date: March 2015

Job Number: 1217
Logged By: G THOMSON
Hole Depth: 29m
Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
Latite - Grey, hard	21			1	
	22			1	
	23			1	
	24			1	
	25			1	
	26			1	
	27			1	
	28			1	
	29			1	
	29				
	30				
	31				
	32				
	33				
	34				
	35				
	36				
	37				
	38				
	39				
	40				

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH13
Figure:	Appendix E
Sheet:	1 of 1
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.

Location:	Off Station Street, Martins Creek, New South Wales	Source:	VGT Pty Ltd	Our Ref:	1217_MCGA_Bore Hole_PBH13_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 PBH13

Project: Martins Creek
Drilling Co: Precision Drilling
Date: March 2015

Job Number: 1217
Logged By: G THOMSON
Hole Depth: 13m
Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
Ground Surface	0				GR 6398013, 370338 RL 61.5m
Latite - Grey	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				
	10				
Latite - Grey, red brown	11				
Sandstone - Grey brown	12				
	13				
	14				
	15				
	16				
	17				
	18				
	19				
	20				



Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH14
Figure:	Appendix E
Sheet:	1 of 1
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.

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 Pty Ltd (Daracon Group)	Contour Interval:	N/A	Office:	Thornton

Drill Hole Number: Martins Creek 2015 PBH14

Project: Martins Creek
Drilling Co: Precision Drilling
Date: March 2015

Job Number: 1217
Logged By: G THOMSON
Hole Depth: 9m
Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
Ground Surface	0				
Latite - Grey	1			1	GR 6397906, 370372 RL 61m
	2			1	
	3			1	
	4			1	
	5			1	
	6			1	
Latite - Red brown	7			2	
Sandstone - Grey brown	8			2	
	9			2	
	10				
	11				
	12				
	13				
	14				
	15				
	16				
	17				
	18				
	19				
	20				




Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH15
Figure:	Appendix E
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.

Location:	Off Station Street, Martins Creek, New South Wales	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

Drill Hole Number: Martins Creek 2015 PBH15

Project: Martins Creek **Job Number:** 1217 **Hole Depth:** 29m
Drilling Co: Precision Drilling **Logged By:** G THOMSON **Hole Dia:** 100mm
Date: March 2015

Description	Depth	Graphic Log	Sample	Strength	Remarks
Ground Surface	0				
Latite - Grey brown, Slightly weathered.				2	GR 6397908, 370612 RL 111m hole not surveyed Daniel H located on plan
	1			2	
	2			1	
	3			2	
Latite -Grey with minor red brown stain and veining.	4			1	
	5			1	
	6			1	
	7			1	
	8			1	
	9			1	
	10			1	
	11			1	
	12			1	
	13			1	
	14			1	
	15			1	
	16			1	
	17			1	
	18			1	
	19			1	
	20			1	

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH15
Figure:	Appendix E
Sheet:	2 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.



Location:	Off Station Street, Martins Creek, New South Wales	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

Drill Hole Number: Martins Creek 2015 PBH15

Project: Martins Creek **Job Number:** 1217 **Hole Depth:** 29m
Drilling Co: Precision Drilling **Logged By:** G THOMSON **Hole Dia:** 100mm
Date: March 2015

Description	Depth	Graphic Log	Sample	Strength	Remarks
	21			1	
	22			1	
	23			1	
	24			1	
	25			1	
	26			1	
	27			1	
	28			1	
	29			1	
	30				
	31				
	32				
	33				
	34				
	35				
	36				
	37				
	38				
	39				
	40				



Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH16
Figure:	Appendix E
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.

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
Drilling Co: Precision Drilling
Date: March 2015

Job Number: 1217
Logged By: G THOMSON
Hole Depth: 29m
Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
Ground Surface	0			na	GR 6397675, 371044 RL 136.6m 
No sample					
Weathered Latite - brown	1			2	
	2			2	
	3			2	
	4			2	
	5			2	
	6			2	
	7			2	
	8			1	
	9			2	
	10			2	
Latite - Red brown	11			2	
Weathered Sandstone -brown Occasional Latite frag (contamination?)	12			2	
	13			2	
	14			2	
	15			2	
	16			2	
	17			2	
	18			2	
	19			2	
	20			2	

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH16
Figure:	Appendix E
Sheet:	2 of 2
Version/Date:	V0 03/09/2015

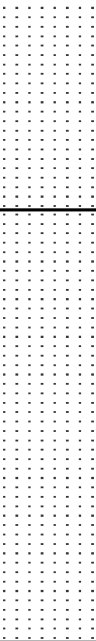

This figure may be based on third party data which has not been verified by vgt and may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and vgt does not warrant its accuracy.

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
Drilling Co: Precision Drilling
Date: March 2015

Job Number: 1217
Logged By: G THOMSON
Hole Depth: 29m
Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
Sandstone - grey, medium Grained clayey	21			2	
	22			2	
	23			2	
	24			1	
	25			1	
	26			2	
	27			1	
	28			2	
	29			1	
	30				
	31				
	32				
	33				
	34				
	35				
	36				
	37				
	38				
	39				
	40				

Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH17
Figure:	Appendix E
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.

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
Drilling Co: Precision Drilling
Date: March 2015

Job Number: 1217
Logged By: G THOMSON
Hole Depth: 29m
Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
Ground Surface	0				
Latite - Grey brown, slightly weathered minor sandstone	1			2	GR 6397608, 371014 RL 113.2m
Latite - Grey brown Slightly weathered	2			2	
	3			1	
	4			1	
	5			1	
	6			2	
Latite - Red brown Clay band brown 7-8m	7			2	occasional latite (fall in ?)
	8			3	
	9			2	
Sandstone - Brown, coarse medium Welded volcano source	10			2	
	11			2	
	12			2	
Sandstone/Latite - mix (contamination)	13			2	
Clay - Brown, soft	14			2	
Weathered Sandstone-brown, Medium coarse, mod soft, poor returns	15			2	
	16			2	
	17			2	
Weathered Sandstone - grey brown Mod soft occasional latite fragments large, fall in from top of hole. Fine to medium grained clayey soft when wet.	18			2	
	19			1	
	20			1	



Plan of:	Martins Creek Andesite Quarry Geology Assessment - Drill Hole PBH17
Figure:	Appendix E
Sheet:	2 of 2
Version/Date:	V0 03/09/2015

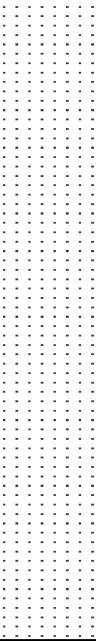


This figure may be based on third party data which has not been verified by vgt and may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and vgt does not warrant its accuracy.

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
Drilling Co: Precision Drilling
Date: March 2015

Job Number: 1217
Logged By: G THOMSON
Hole Depth: 29m
Hole Dia: 100mm

Description	Depth	Graphic Log	Sample	Strength	Remarks
Weathered Sandstone - grey brown Mod soft occasional latite fragments large, fall in from top of hole. Fine to medium grained clayey soft when wet.	21			1	
	22			2	
	23			2	
	24			2	
	25			2	
	26				
	27				
	28				
	29				
	30				
	31				
	32				
	33				
	34				
	35				
	36				
	37				
	38				
	39				
	40				